

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051823\
 Data File : VX035742.D
 Acq On : 18 May 2023 15:10
 Operator : JC/MD
 Sample : 02213-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT2-2023

Quant Time: May 19 06:25:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 19 06:25:15 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/19/2023
 Supervised By : Mahesh Dadoda 05/19/2023

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 Supervised By : Mahesh
 Dadoda

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	116253	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	212416	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	184972	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	81947	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	78366	38.641	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	77.280%#
35) Dibromofluoromethane	5.385	113	49473	34.535	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	69.080%#
50) Toluene-d8	8.647	98	180706	34.146	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	68.300%#
62) 4-Bromofluorobenzene	11.079	95	70854	33.252	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	66.500%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.166	85	941	0.621	ug/l	88
3) Chloromethane	1.295	50	1372	0.746	ug/l #	86
4) Vinyl Chloride	1.374	62	1010	0.647	ug/l	97
5) Bromomethane	1.618	94	875	1.035	ug/l	94
6) Chloroethane	1.691	64	839	0.886	ug/l #	84
7) Trichlorofluoromethane	1.892	101	1743	0.760	ug/l	87
8) Diethyl Ether	2.130	74	705	0.798	ug/l	69
9) 1,1,2-Trichlorotrifluo...	2.331	101	997	0.732	ug/l	94
10) Methyl Iodide	2.453	142	952	0.781	ug/l #	84
11) Tert butyl alcohol	3.014	59	1451m	4.055	ug/l	
12) 1,1-Dichloroethene	2.325	96	810	0.626	ug/l	95
13) Acrolein	2.239	56	1240	2.920	ug/l #	80
14) Allyl chloride	2.660	41	2062	0.743	ug/l	89
15) Acrylonitrile	3.075	53	3498	4.440	ug/l	96
16) Acetone	2.404	43	5639	6.469	ug/l	100
17) Carbon Disulfide	2.514	76	2224	0.712	ug/l #	81
18) Methyl Acetate	2.709	43	2700	0.840	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	3672	0.713	ug/l #	89
20) Methylene Chloride	2.794	84	1980	1.253	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	1039	0.732	ug/l #	63
22) Diisopropyl ether	3.757	45	4121	0.759	ug/l #	93
23) Vinyl Acetate	3.721	43	13396	3.486	ug/l	97
24) 1,1-Dichloroethane	3.605	63	2148	0.740	ug/l #	81
25) 2-Butanone	4.581	43	5373	4.453	ug/l	92
26) 2,2-Dichloropropane	4.471	77	1541	0.627	ug/l #	68
27) cis-1,2-Dichloroethene	4.483	96	1304	0.765	ug/l	97
28) Bromochloromethane	4.904	49	824	0.631	ug/l #	92
29) Tetrahydrofuran	5.032	42	3299	4.350	ug/l	96
30) Chloroform	5.093	83	2181	0.733	ug/l	93
31) Cyclohexane	5.471	56	1667	0.651	ug/l #	87
32) 1,1,1-Trichloroethane	5.385	97	1750	0.676	ug/l #	38
36) 1,1-Dichloropropene	5.690	75	1674	0.740	ug/l #	88
37) Ethyl Acetate	4.733	43	2178	0.923	ug/l #	78
38) Carbon Tetrachloride	5.672	117	1134	0.529	ug/l #	78
39) Methylcyclohexane	7.385	83	1805	0.678	ug/l #	84
40) Benzene	6.050	78	4487	0.709	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	4.922	41	985	0.703	ug/l	#	64
42) 1,2-Dichloroethane	6.092	62	2159	0.793	ug/l		86
43) Isopropyl Acetate	6.348	43	2740	0.666	ug/l	#	92
44) Trichloroethene	7.123	130	1293	0.806	ug/l		81
45) 1,2-Dichloropropane	7.428	63	1263	0.754	ug/l		93
46) Dibromomethane	7.586	93	854	0.745	ug/l		97
47) Bromodichloromethane	7.830	83	1330	0.600	ug/l	#	97
48) Methyl methacrylate	7.696	41	1611	0.794	ug/l	#	86
49) 1,4-Dioxane	7.751	88	794m	18.206	ug/l		
51) 4-Methyl-2-Pentanone	8.574	43	9145	3.860	ug/l		94
52) Toluene	8.714	92	3156	0.790	ug/l		85
53) t-1,3-Dichloropropene	8.982	75	1310	0.544	ug/l		97
54) cis-1,3-Dichloropropene	8.373	75	1474	0.571	ug/l	#	94
55) 1,1,2-Trichloroethane	9.153	97	1237	0.789	ug/l	#	78
56) Ethyl methacrylate	9.116	69	1500	0.591	ug/l	#	90
57) 1,3-Dichloropropane	9.305	76	2008	0.706	ug/l		93
58) 2-Chloroethyl Vinyl ether	8.244	63	4363	3.377	ug/l		95
59) 2-Hexanone	9.433	43	6761	3.789	ug/l		99
60) Dibromochloromethane	9.519	129	805	0.538	ug/l		93
61) 1,2-Dibromoethane	9.610	107	1092	0.661	ug/l		98
64) Tetrachloroethene	9.269	164	980	0.787	ug/l	#	89
65) Chlorobenzene	10.080	112	3231	0.800	ug/l	#	87
66) 1,1,1,2-Tetrachloroethane	10.159	131	875	0.613	ug/l	#	59
67) Ethyl Benzene	10.189	91	5339	0.703	ug/l	#	85
68) m/p-Xylenes	10.305	106	3818	1.360	ug/l		99
69) o-Xylene	10.640	106	1870	0.671	ug/l		97
70) Styrene	10.653	104	2613	0.582	ug/l		92
71) Bromoform	10.799	173	461	0.491	ug/l	#	76
73) Isopropylbenzene	10.964	105	4520	0.655	ug/l		98
74) N-amyl acetate	10.842	43	1870	0.581	ug/l		98
75) 1,1,2,2-Tetrachloroethane	11.207	83	1717	0.767	ug/l		95
76) 1,2,3-Trichloropropane	11.238	75	1607m	0.802	ug/l		
77) Bromobenzene	11.195	156	1243	0.793	ug/l		96
78) n-propylbenzene	11.305	91	5455	0.672	ug/l		96
79) 2-Chlorotoluene	11.366	91	3741	0.736	ug/l		93
80) 1,3,5-Trimethylbenzene	11.451	105	3906	0.666	ug/l		95
81) trans-1,4-Dichloro-2-b...	11.018	75	282m	0.453	ug/l		
82) 4-Chlorotoluene	11.451	91	4244	0.725	ug/l		98
83) tert-Butylbenzene	11.713	119	3862	0.677	ug/l		99
84) 1,2,4-Trimethylbenzene	11.756	105	3743	0.635	ug/l		98
85) sec-Butylbenzene	11.890	105	4746	0.663	ug/l		98
86) p-Isopropyltoluene	12.012	119	3872	0.658	ug/l		92
87) 1,3-Dichlorobenzene	11.969	146	2233	0.750	ug/l		97
88) 1,4-Dichlorobenzene	12.043	146	2491m	0.829	ug/l		
89) n-Butylbenzene	12.329	91	3374	0.630	ug/l		95
90) Hexachloroethane	12.536	117	460	0.515	ug/l		70
91) 1,2-Dichlorobenzene	12.335	146	2210	0.758	ug/l		95
92) 1,2-Dibromo-3-Chloropr...	12.939	75	289	0.579	ug/l		74
93) 1,2,4-Trichlorobenzene	13.591	180	1260	0.718	ug/l	#	91
94) Hexachlorobutadiene	13.719	225	679	0.974	ug/l		94
95) Naphthalene	13.774	128	4066	0.676	ug/l		98
96) 1,2,3-Trichlorobenzene	13.963	180	1251	0.725	ug/l		90

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QLast Update : Fri May 19 06:25:15 2023
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2023

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023

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Dadoda

05/19/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed						

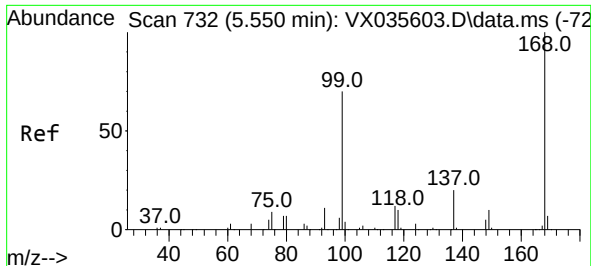
Manual Integrations

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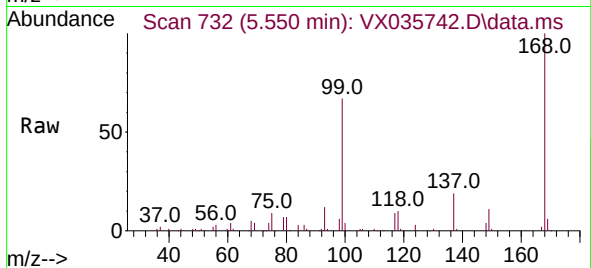
Supervised By :Mahesh
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035742.D
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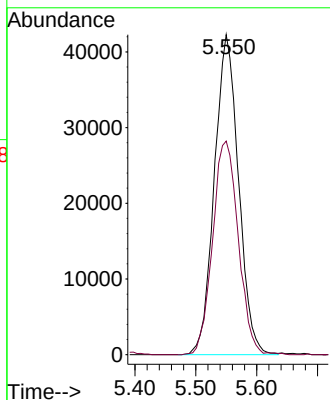
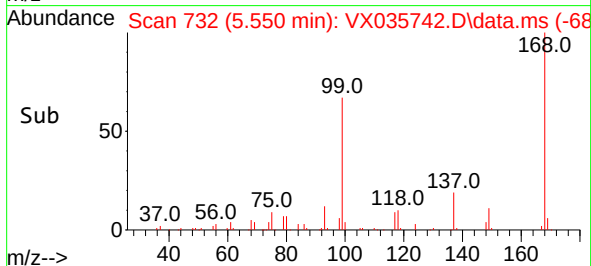
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2023



Tgt Ion:168 Resp: 11625
Ion Ratio Lower Upper
168 100
99 66.7 45.7 68.5

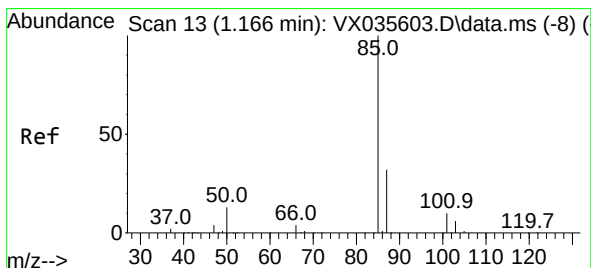
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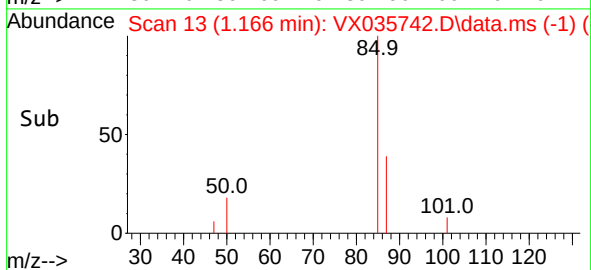
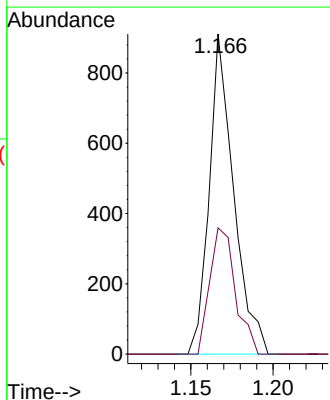
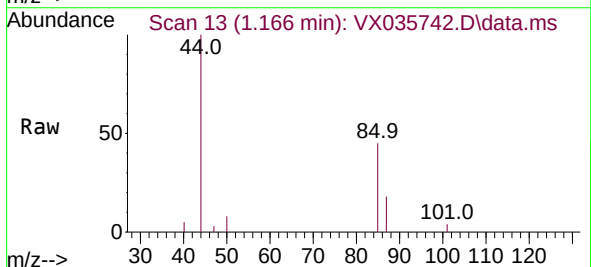
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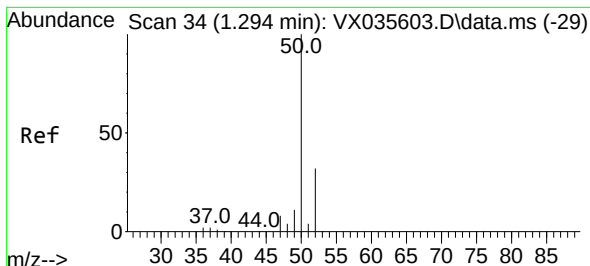
05/19/2023



#2
Dichlorodifluoromethane
Concen: 0.621 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX035742.D
Acq: 18 May 2023 15:10

Tgt Ion: 85 Resp: 941
Ion Ratio Lower Upper
85 100
87 39.4 16.4 49.1





#3

Chloromethane

Concen: 0.746 ug/l

RT: 1.295 min Scan# 34

Delta R.T. 0.001 min

Lab File: VX035742.D

Acq: 18 May 2023 15:10

Instrument :

MSVOA_X

ClientSampleId :

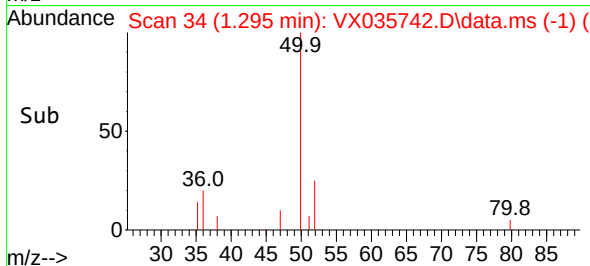
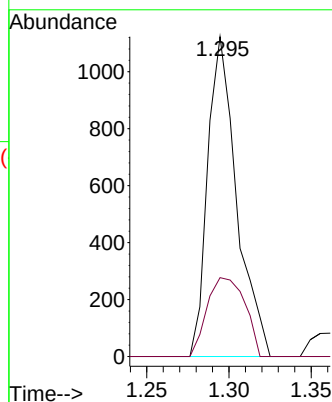
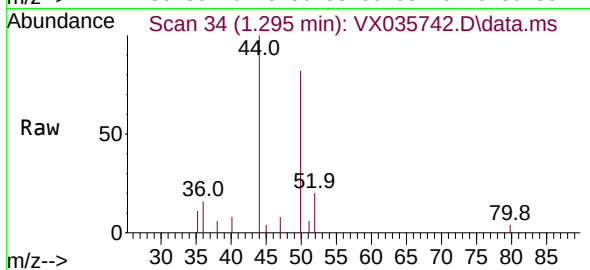
LOQ-WATER-02-QT2-2023

Tgt Ion: 50 Resp: 1372
 Ion Ratio Lower Upper
 50 100
 52 24.7 25.9 38.9

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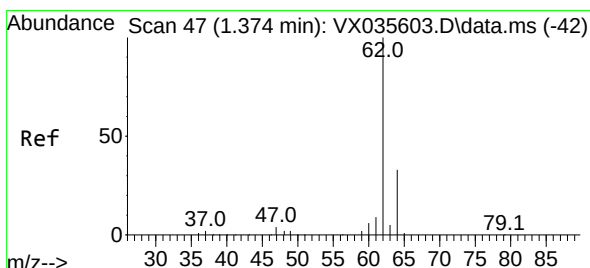
Supervised By :Mahesh Dadoda 05/19/2023



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#4

Vinyl Chloride

Concen: 0.647 ug/l

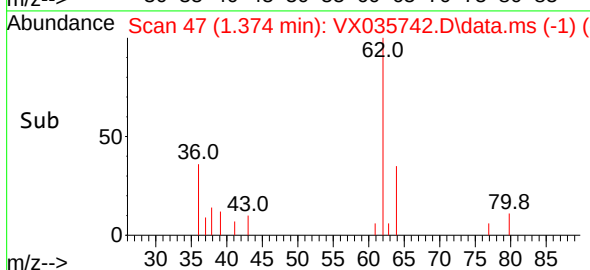
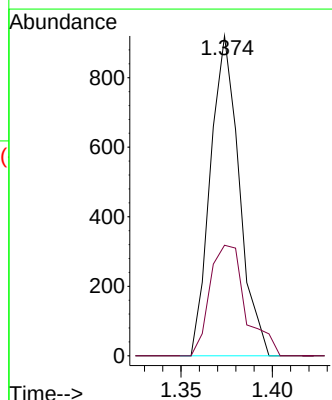
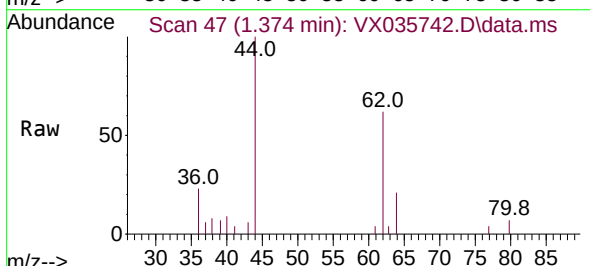
RT: 1.374 min Scan# 47

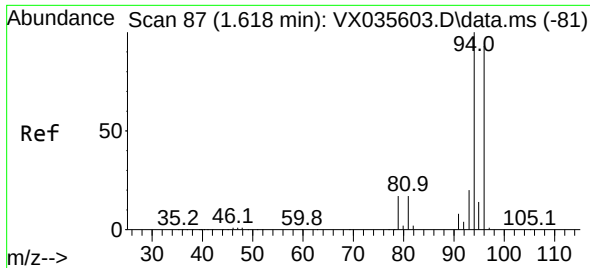
Delta R.T. -0.000 min

Lab File: VX035742.D

Acq: 18 May 2023 15:10

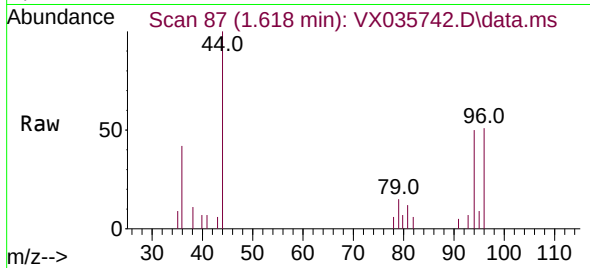
Tgt Ion: 62 Resp: 1010
 Ion Ratio Lower Upper
 62 100
 64 34.6 26.4 39.6





#5
Bromomethane
Concen: 1.035 ug/l
RT: 1.618 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX035742.D
Acq: 18 May 2023 15:10

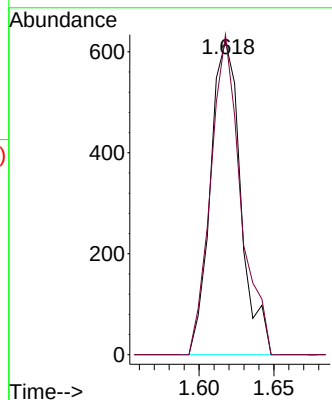
Instrument : MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2023



Tgt Ion: 94 Resp: 879
Ion Ratio Lower Upper
94 100
96 102.1 77.0 115.6

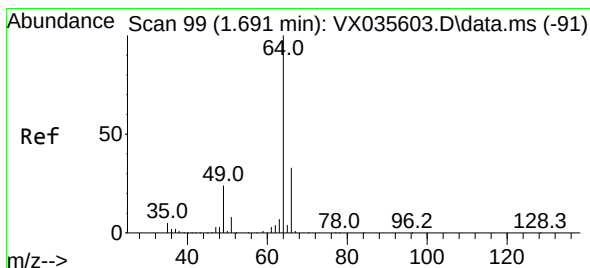
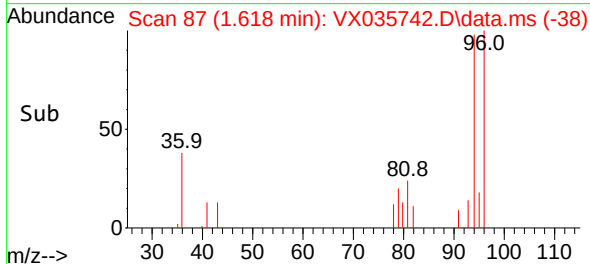
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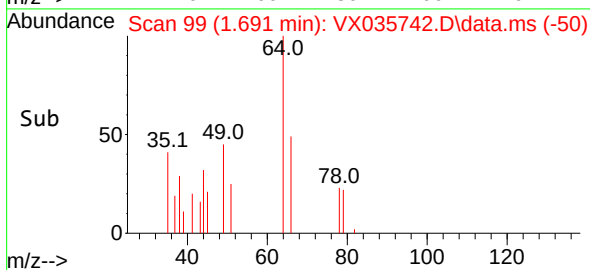
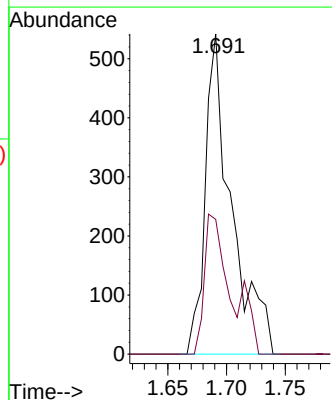
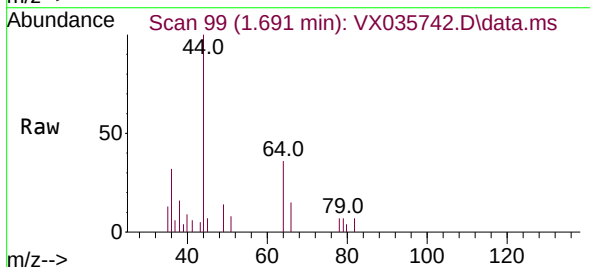
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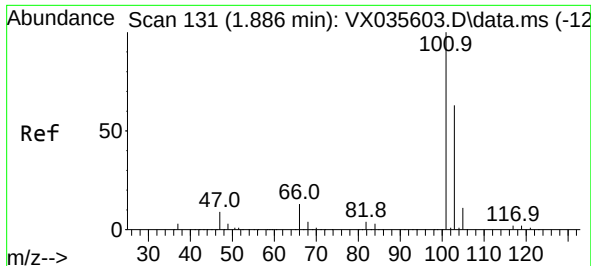
05/19/2023



#6
Chloroethane
Concen: 0.886 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX035742.D
Acq: 18 May 2023 15:10

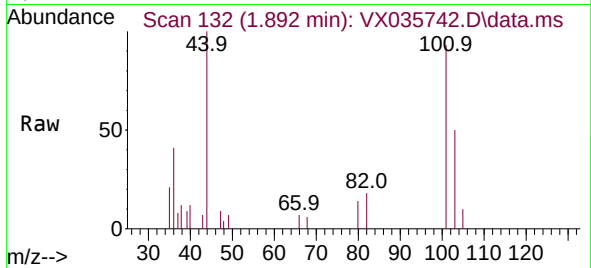
Tgt Ion: 64 Resp: 839
Ion Ratio Lower Upper
64 100
66 42.1 26.2 39.4





#7
Trichlorofluoromethane
Concen: 0.760 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX035742.D
Acq: 18 May 2023 15:10

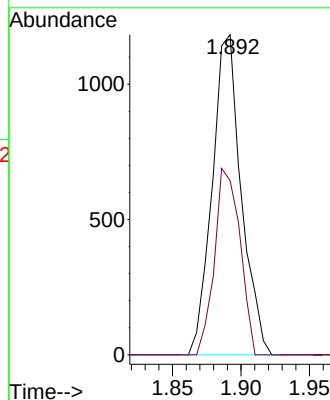
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2023



Tgt Ion:101 Resp: 174
Ion Ratio Lower Upper
101 100
103 54.4 52.0 78.0

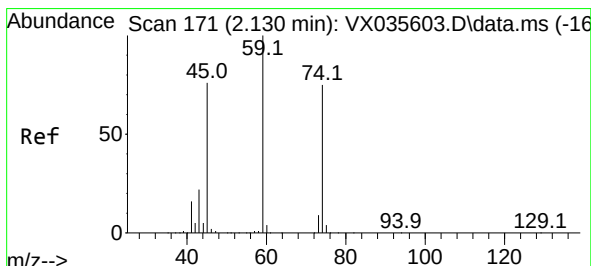
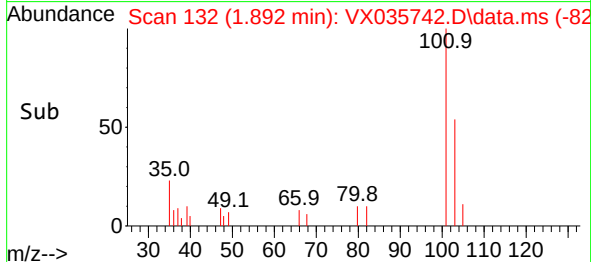
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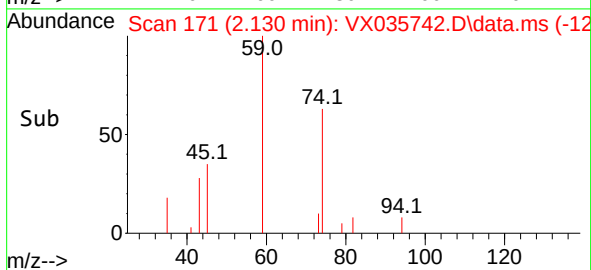
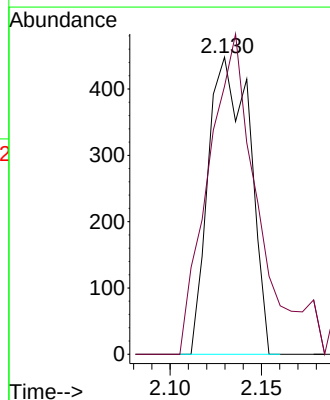
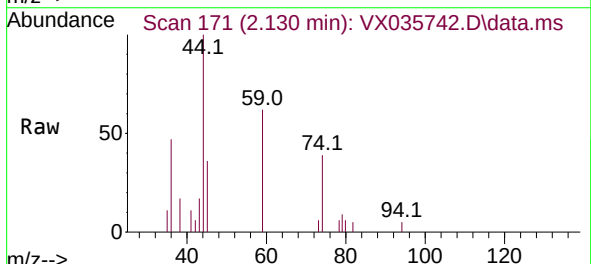
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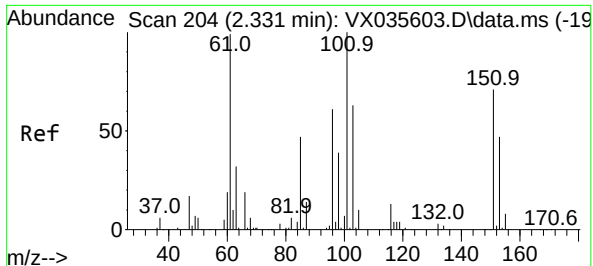
05/19/2023



#8
Diethyl Ether
Concen: 0.798 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX035742.D
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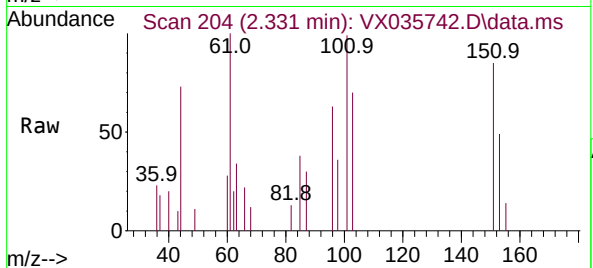
Tgt Ion: 74 Resp: 705
Ion Ratio Lower Upper
74 100
45 130.2 49.8 149.3





#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.732 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX035742.D
Acq: 18 May 2023 15:10

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2023



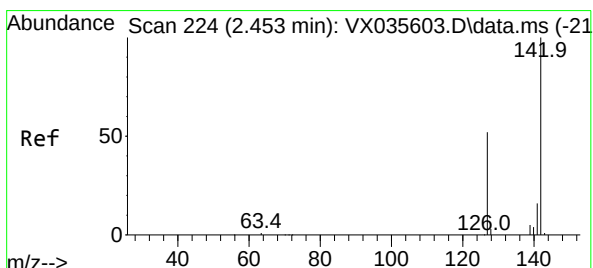
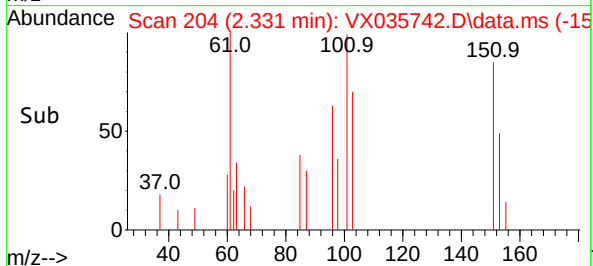
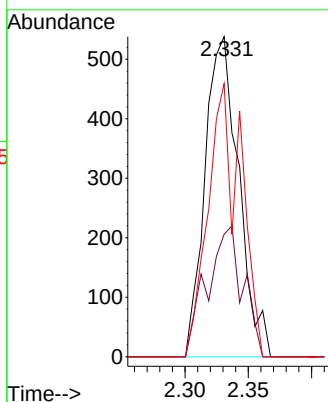
Tgt Ion:101 Resp: 99
Ion Ratio Lower Upper
101 100
85 43.3 35.4 53.2
151 83.2 60.2 90.4

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Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023

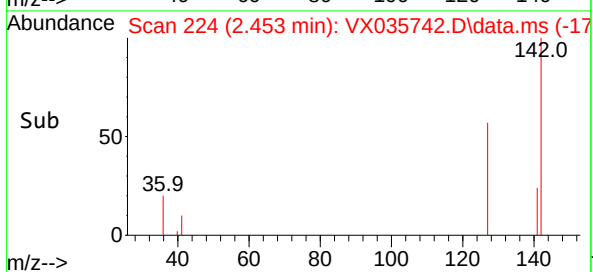
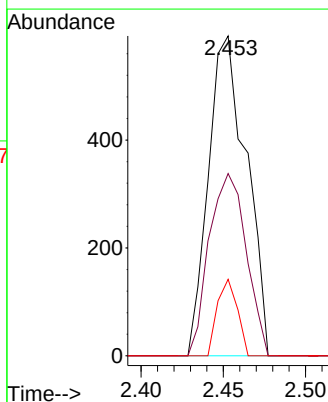
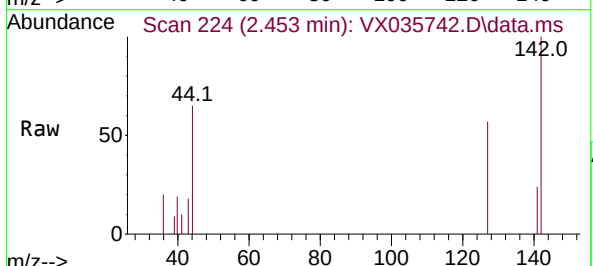
05/19/2023
Supervised By :Mahesh
Dadoda

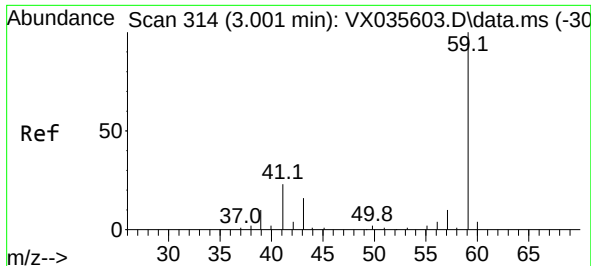
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#10
Methyl Iodide
Concen: 0.781 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX035742.D
Acq: 18 May 2023 15:10

Tgt Ion:142 Resp: 952
Ion Ratio Lower Upper
142 100
127 55.6 34.0 51.0#
141 12.6 11.1 16.7





#11

Tert butyl alcohol

Concen: 4.055 ug/l m

RT: 3.014 min Scan# 314

Delta R.T. 0.013 min

Lab File: VX035742.D

Acq: 18 May 2023 15:10

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2023

Tgt Ion: 59 Resp: 145

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1

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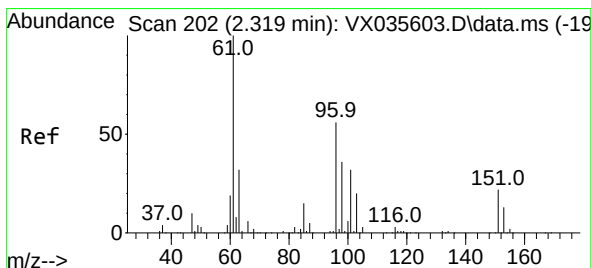
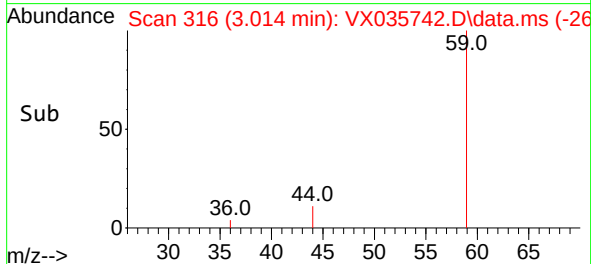
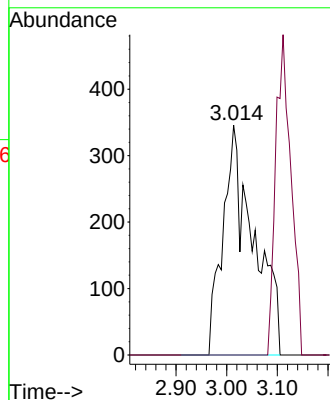
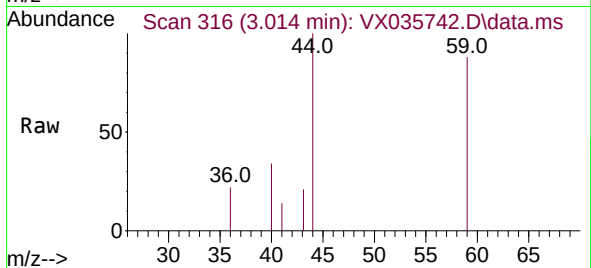
Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023

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Supervised By :Mahesh
Dadoda

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#12

1,1-Dichloroethene

Concen: 0.626 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.006 min

Lab File: VX035742.D

Acq: 18 May 2023 15:10

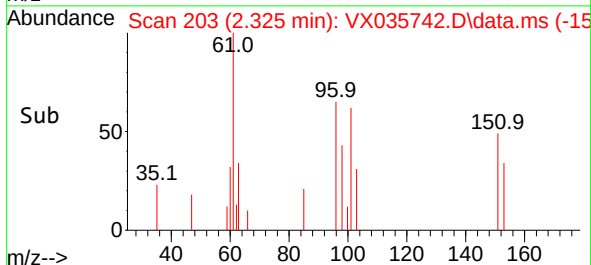
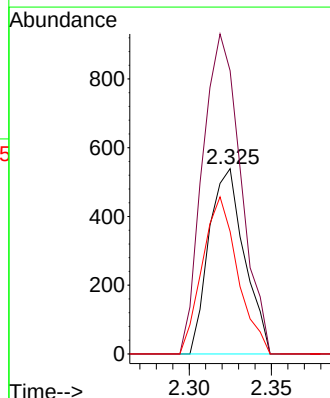
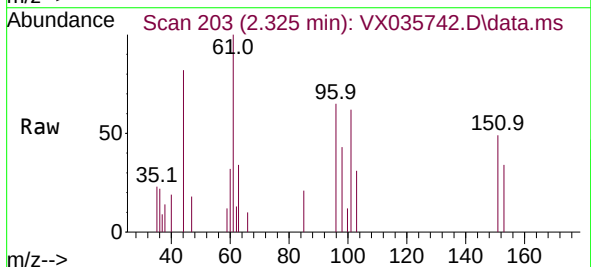
Tgt Ion: 96 Resp: 810

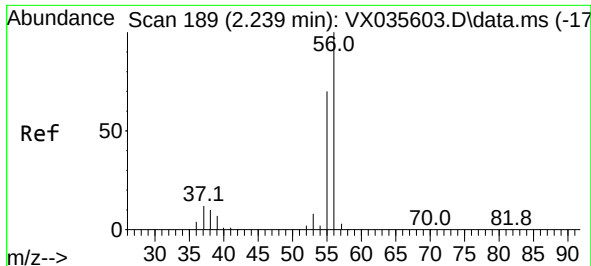
Ion Ratio Lower Upper

96 100

61 152.9 128.8 193.2

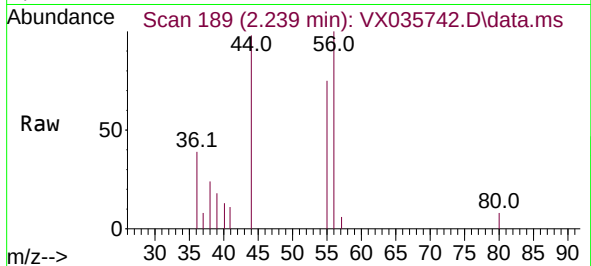
98 66.0 51.4 77.0





#13
Acrolein
Concen: 2.920 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX035742.D
Acq: 18 May 2023 15:10

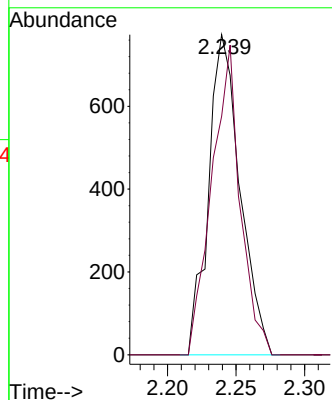
Instrument : MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2023



Tgt Ion: 56 Resp: 1240
Ion Ratio Lower Upper
56 100
55 87.3 56.6 85.0

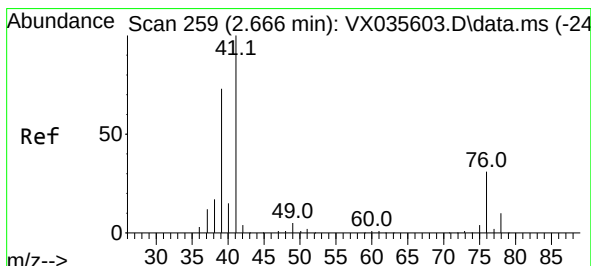
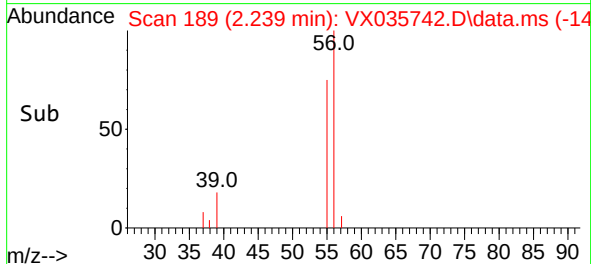
Manual Integrations
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Supervised By :Mahesh Dadoda 05/19/2023



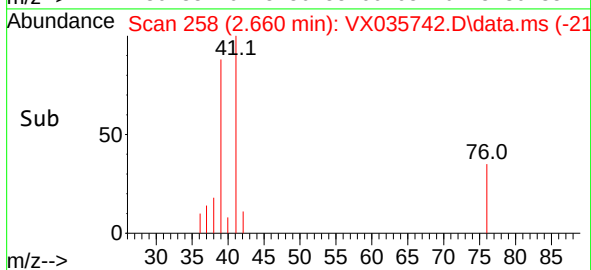
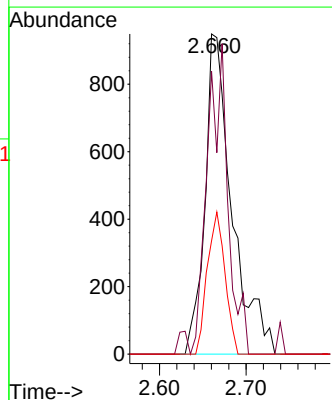
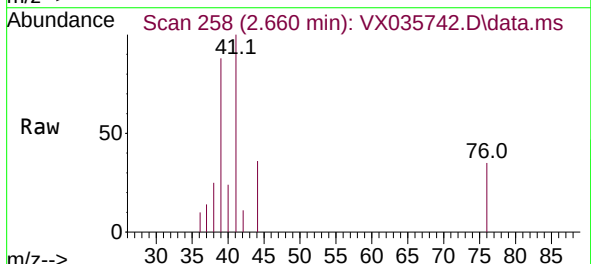
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Supervised By :Mahesh
Dadoda

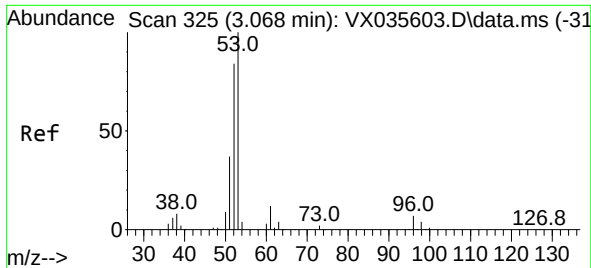
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#14
Allyl chloride
Concen: 0.743 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX035742.D
Acq: 18 May 2023 15:10

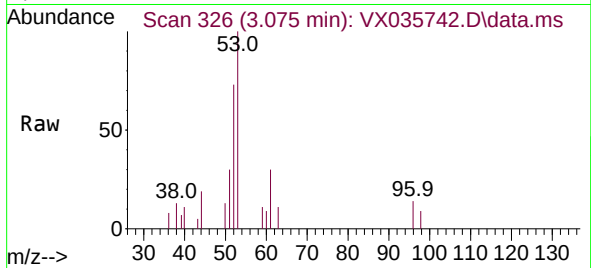
Tgt Ion: 41 Resp: 2062
Ion Ratio Lower Upper
41 100
39 75.8 52.4 78.6
76 29.1 26.0 39.0





#15
Acrylonitrile
Concen: 4.440 ug/l
RT: 3.075 min Scan# 31
Delta R.T. 0.007 min
Lab File: VX035742.D
Acq: 18 May 2023 15:10

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2023



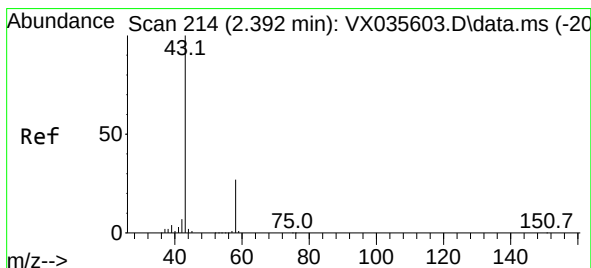
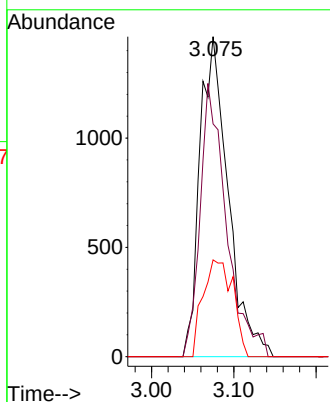
Tgt Ion: 53 Resp: 3498
Ion Ratio Lower Upper
53 100
52 79.4 66.2 99.2
51 32.0 28.3 42.5

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Supervised By :Mahesh Dadoda 05/19/2023

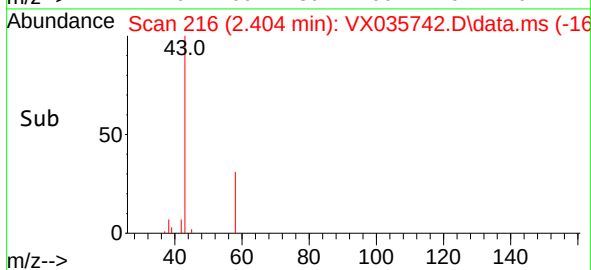
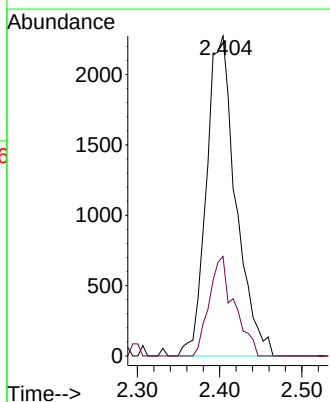
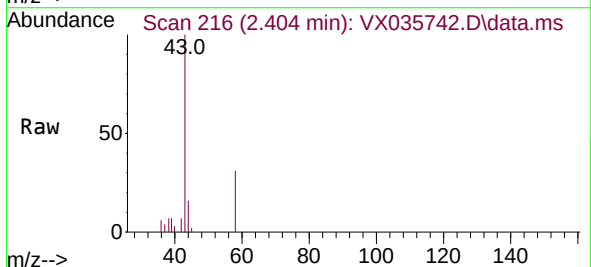
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Supervised By :Mahesh
Dadoda

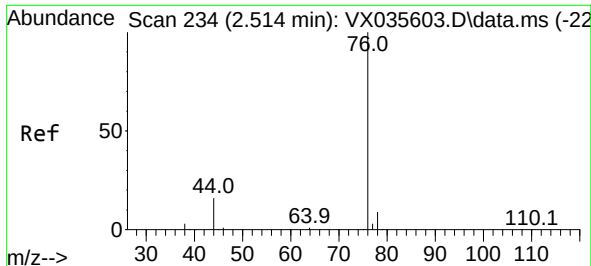
05/19/2023



#16
Acetone
Concen: 6.469 ug/l
RT: 2.404 min Scan# 216
Delta R.T. 0.012 min
Lab File: VX035742.D
Acq: 18 May 2023 15:10

Tgt Ion: 43 Resp: 5639
Ion Ratio Lower Upper
43 100
58 31.1 24.7 37.1





#17

Carbon Disulfide

Concen: 0.712 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX035742.D

Acq: 18 May 2023 15:10

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2023

Tgt Ion: 76 Resp: 2224

Ion Ratio Lower Upper

76 100

78 15.8 7.2 10.8

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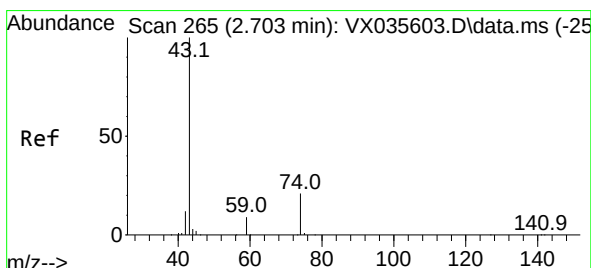
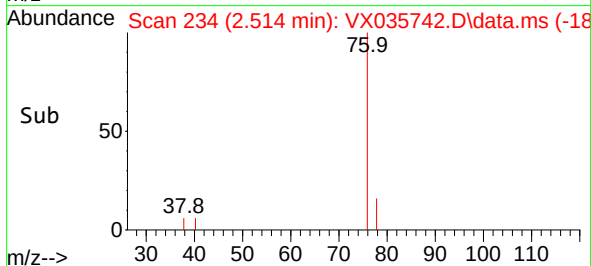
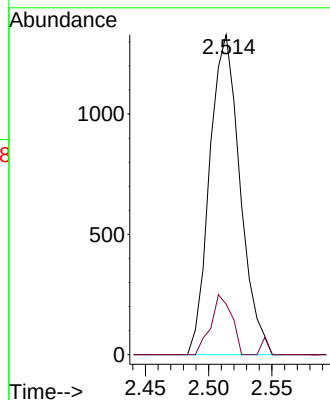
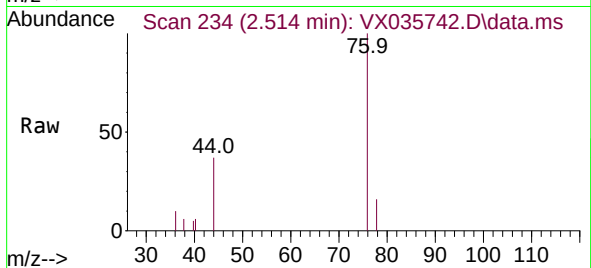
Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023

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Dadoda

05/19/2023



#18

Methyl Acetate

Concen: 0.840 ug/l

RT: 2.709 min Scan# 266

Delta R.T. 0.006 min

Lab File: VX035742.D

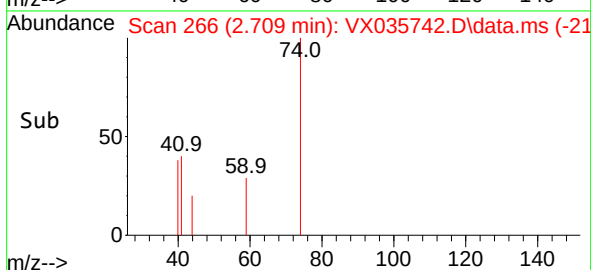
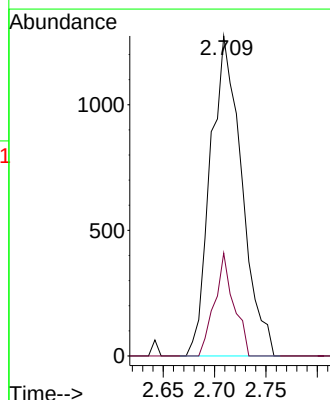
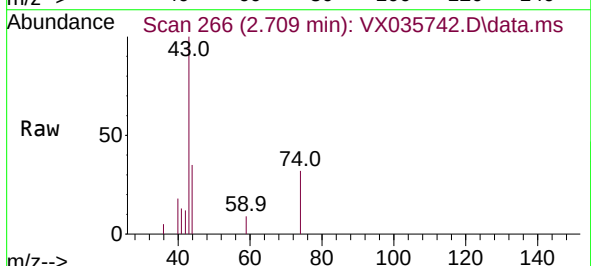
Acq: 18 May 2023 15:10

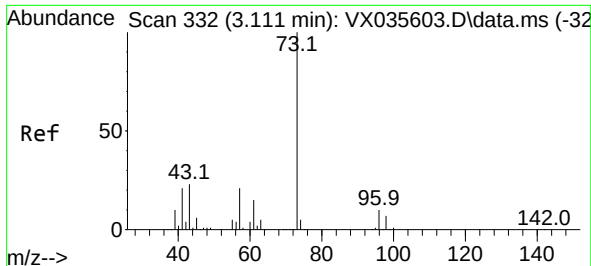
Tgt Ion: 43 Resp: 2700

Ion Ratio Lower Upper

43 100

74 19.7 18.3 27.5





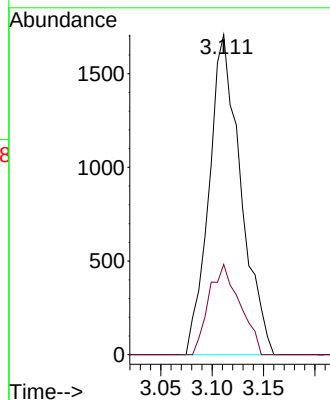
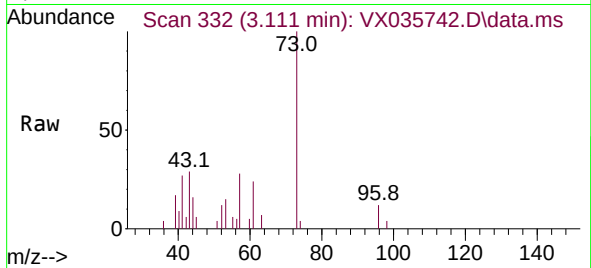
#19
Methyl tert-butyl Ether
Concen: 0.713 ug/l
RT: 3.111 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX035742.D
Acq: 18 May 2023 15:10

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2023

Tgt Ion: 73 Resp: 3672
Ion Ratio Lower Upper
73 100
57 28.2 18.5 27.7

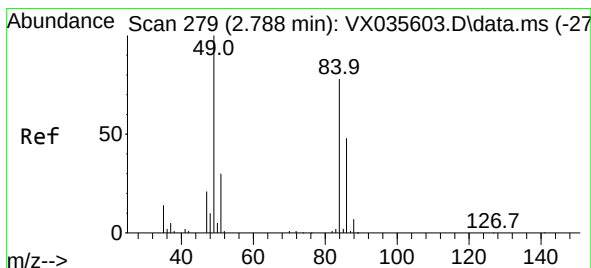
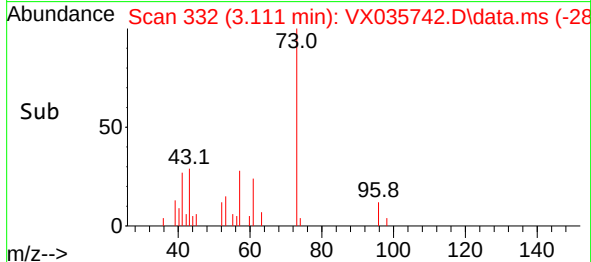
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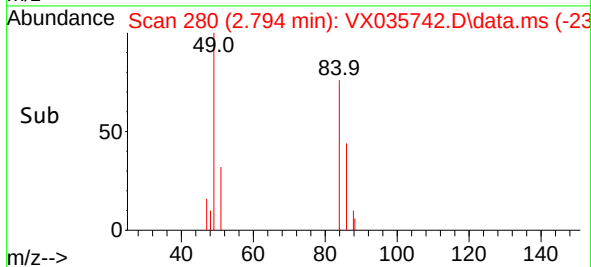
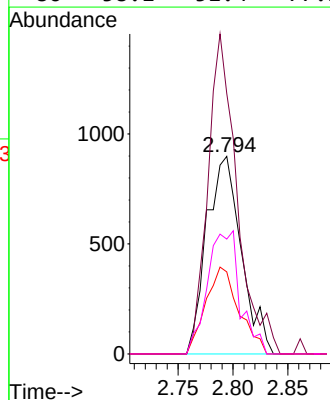
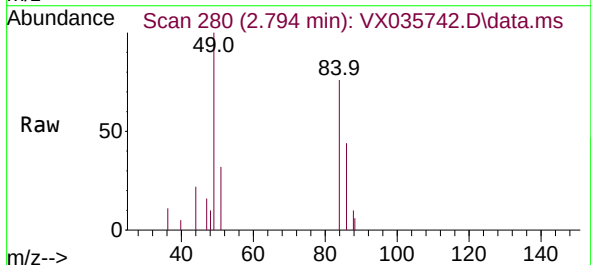
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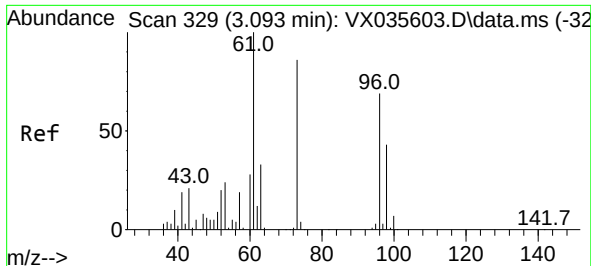
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#20
Methylene Chloride
Concen: 1.253 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX035742.D
Acq: 18 May 2023 15:10

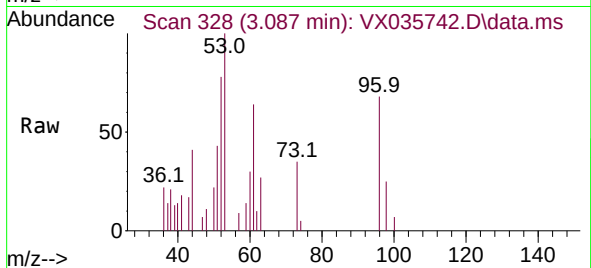
Tgt Ion: 84 Resp: 1980
Ion Ratio Lower Upper
84 100
49 131.8 103.8 155.8
51 41.5 31.8 47.8
86 58.1 51.4 77.2





#21
trans-1,2-Dichloroethene
Concen: 0.732 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX035742.D
Acq: 18 May 2023 15:10

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2023



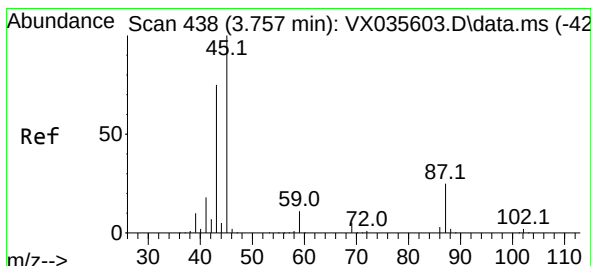
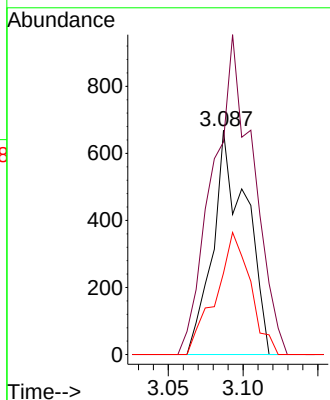
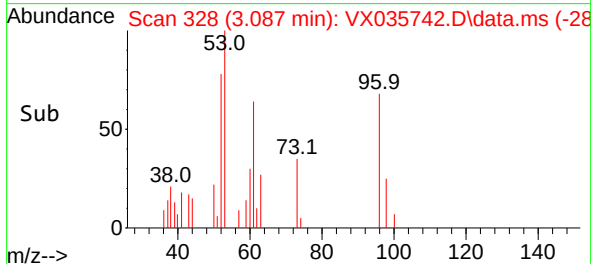
Tgt Ion: 96 Resp: 1039
Ion Ratio Lower Upper
96 100
61 94.9 113.0 169.6
98 36.4 52.1 78.1

Manual Integrations
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Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023

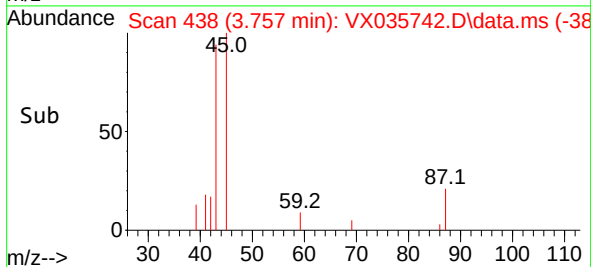
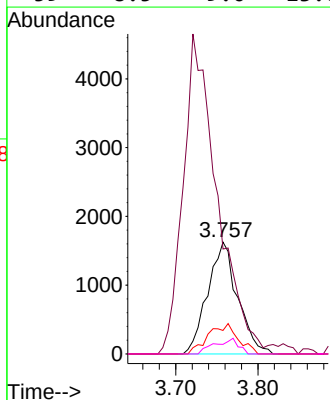
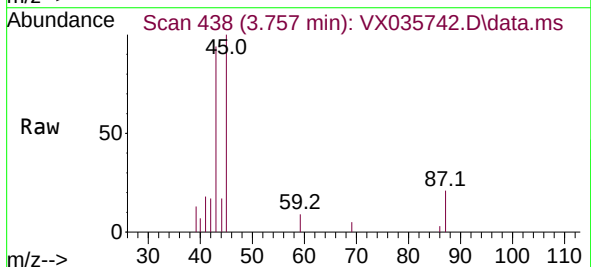
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Supervised By :Mahesh
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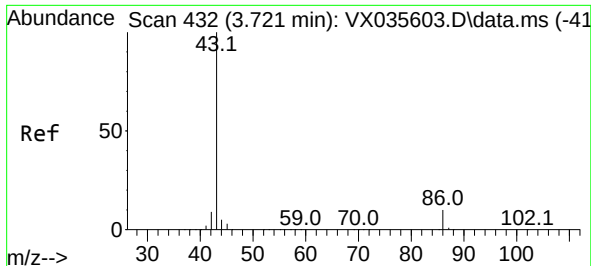
05/19/2023



#22
Diisopropyl ether
Concen: 0.759 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX035742.D
Acq: 18 May 2023 15:10

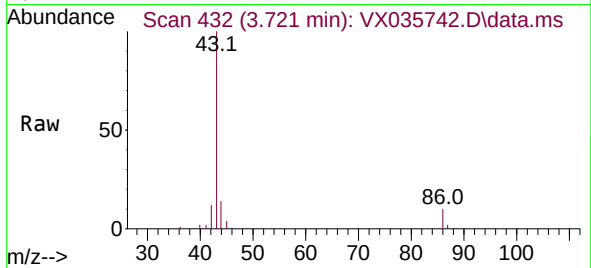
Tgt Ion: 45 Resp: 4121
Ion Ratio Lower Upper
45 100
43 87.2 65.4 98.2
87 21.0 20.6 31.0
59 8.5 9.0 13.6





#23
 Vinyl Acetate
 Concen: 3.486 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX035742.D
 Acq: 18 May 2023 15:10

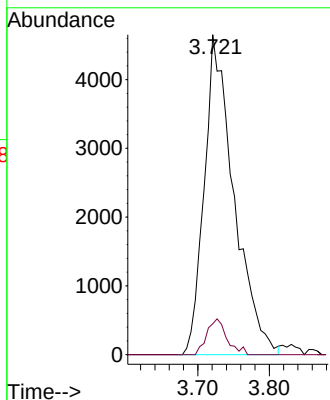
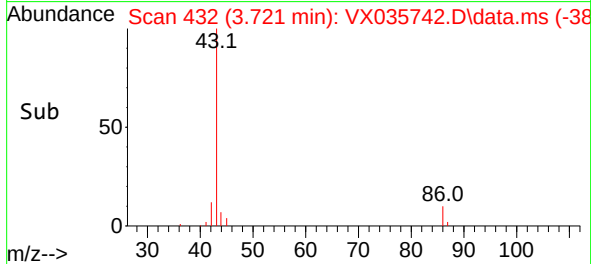
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT2-2023



Tgt Ion: 43 Resp: 13390
 Ion Ratio Lower Upper
 43 100
 86 9.6 8.5 12.7

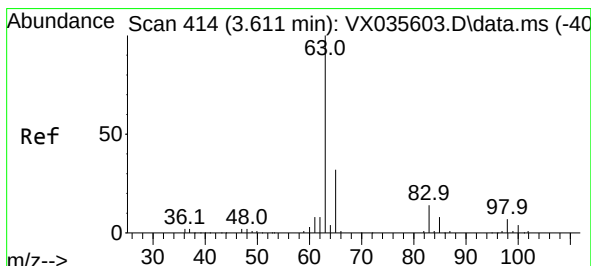
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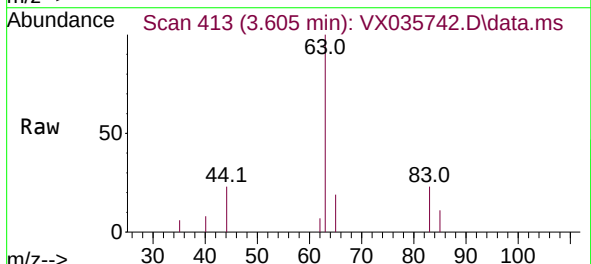


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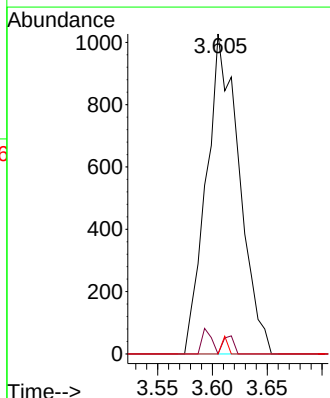
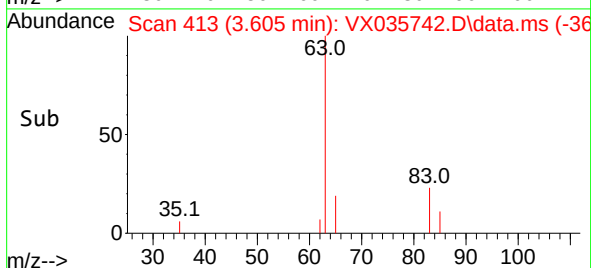
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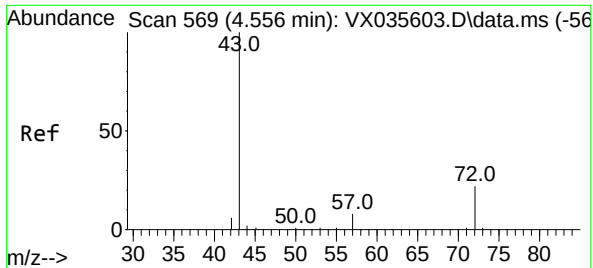


#24
 1,1-Dichloroethane
 Concen: 0.740 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX035742.D
 Acq: 18 May 2023 15:10



Tgt Ion: 63 Resp: 2148
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.8 11.2#
 100 0.0 2.4 7.1#





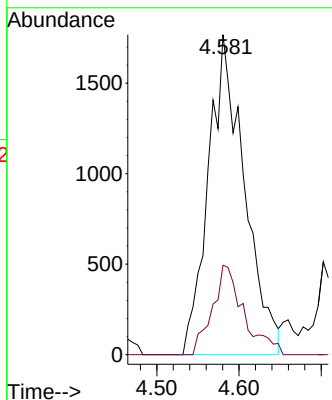
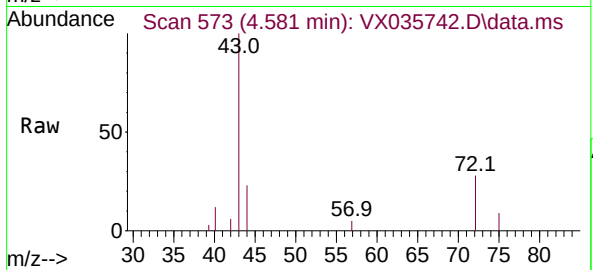
#25
2-Butanone
Concen: 4.453 ug/l
RT: 4.581 min Scan# 51
Delta R.T. 0.025 min
Lab File: VX035742.D
Acq: 18 May 2023 15:10

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2023

Tgt Ion: 43 Resp: 537
Ion Ratio Lower Upper
43 100
72 27.9 19.3 28.9

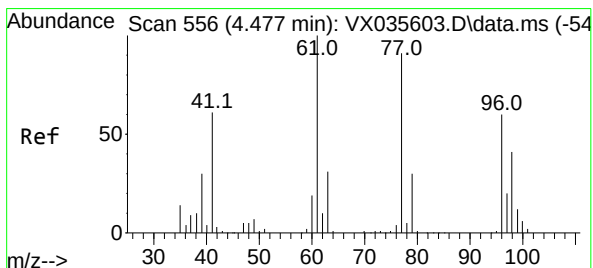
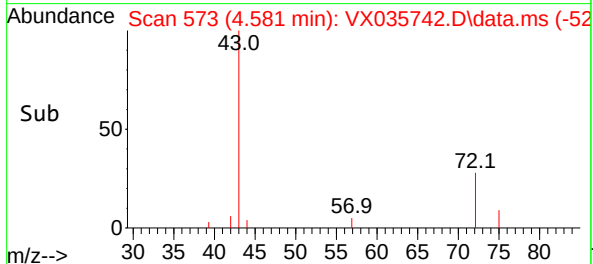
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



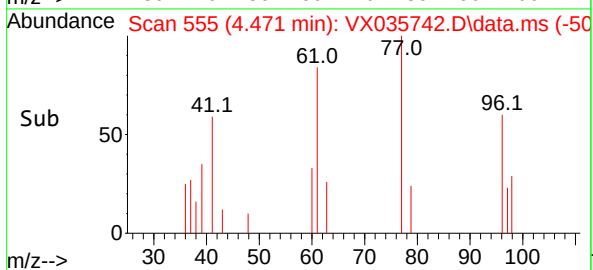
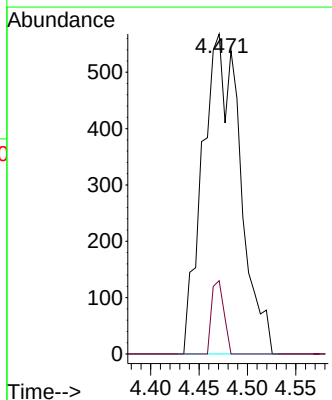
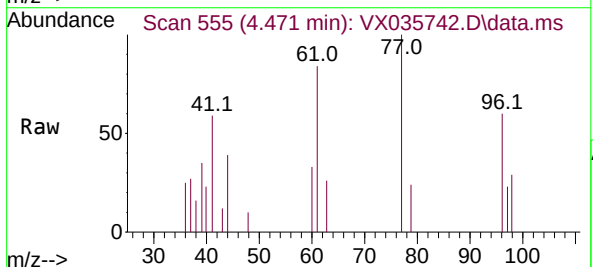
05/19/2023
Supervised By :Mahesh
Dadoda

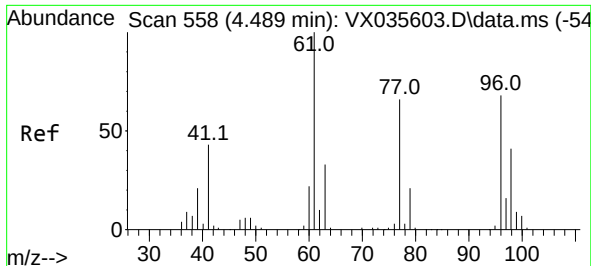
05/19/2023



#26
2,2-Dichloropropane
Concen: 0.627 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX035742.D
Acq: 18 May 2023 15:10

Tgt Ion: 77 Resp: 1541
Ion Ratio Lower Upper
77 100
97 7.5 11.4 34.1#





#27

cis-1,2-Dichloroethene

Concen: 0.765 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX035742.D

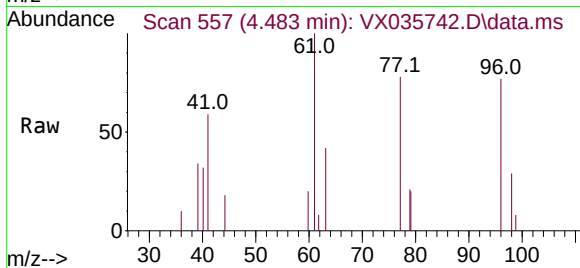
Acq: 18 May 2023 15:10

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2023



Tgt Ion:	96	Resp:	1304
Ion Ratio	100	Lower	Upper
96	100		
61	155.8	0.0	300.4
98	64.1	0.0	129.0

Manual Integrations

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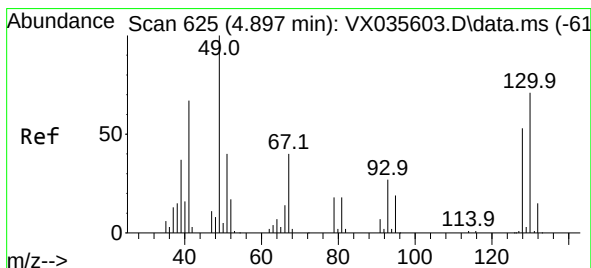
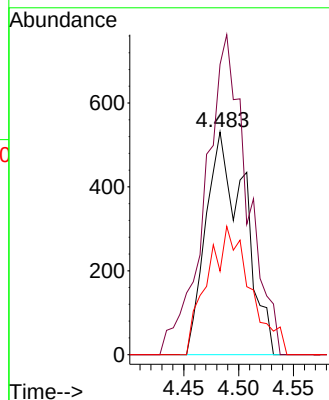
Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023

05/19/2023

Supervised By :Mahesh
Dadoda

05/19/2023



#28

Bromochloromethane

Concen: 0.631 ug/l

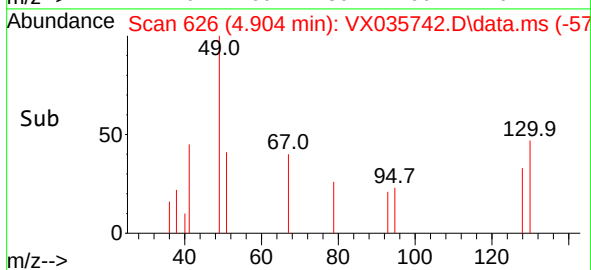
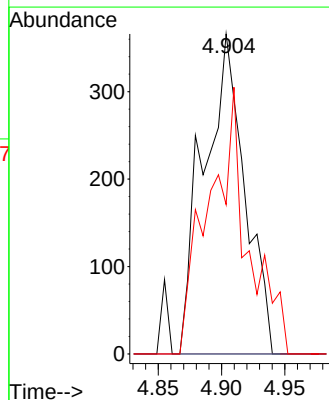
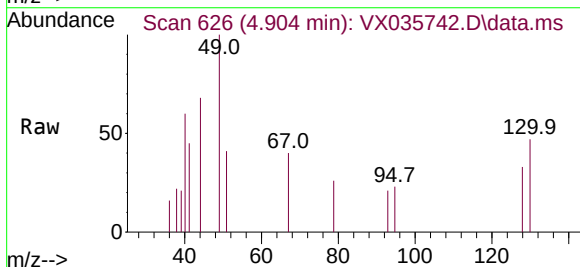
RT: 4.904 min Scan# 626

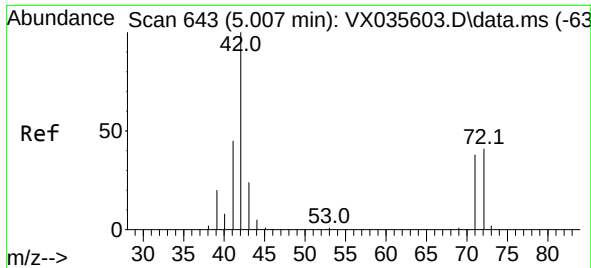
Delta R.T. 0.007 min

Lab File: VX035742.D

Acq: 18 May 2023 15:10

Tgt Ion:	49	Resp:	824
Ion Ratio	100	Lower	Upper
49	100		
129	0.0	0.0	4.0
130	79.2	58.2	87.2





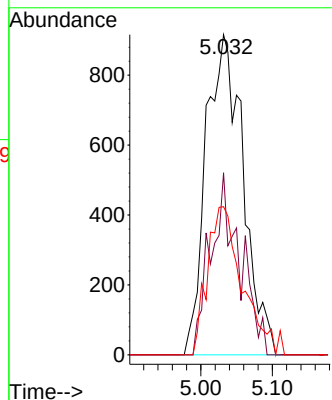
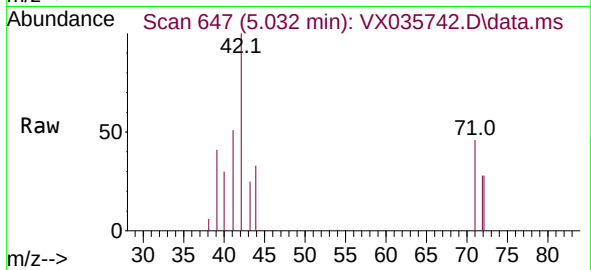
#29
Tetrahydrofuran
Concen: 4.350 ug/l
RT: 5.032 min Scan# 643
Delta R.T. 0.025 min
Lab File: VX035742.D
Acq: 18 May 2023 15:10

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2023

Tgt Ion: 42 Resp: 3295
Ion Ratio Lower Upper
42 100
72 44.6 34.5 51.7
71 43.9 32.1 48.1

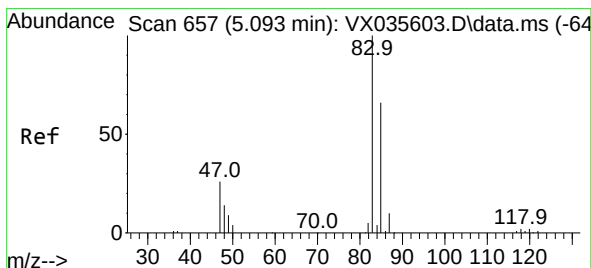
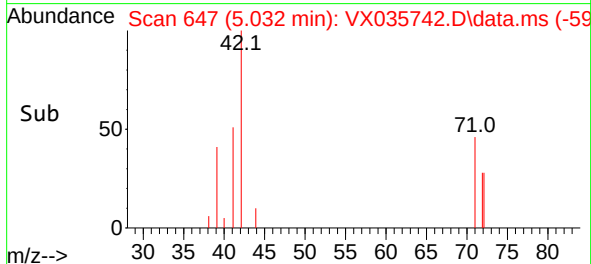
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



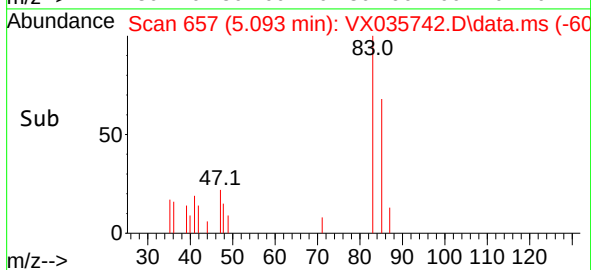
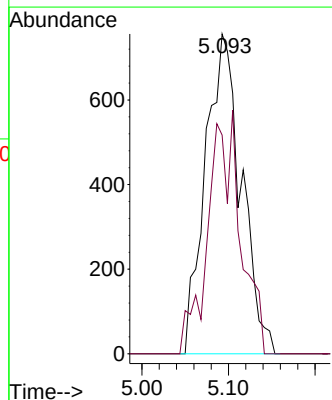
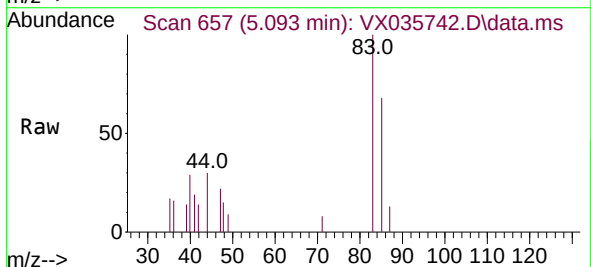
05/19/2023
Supervised By :Mahesh
Dadoda

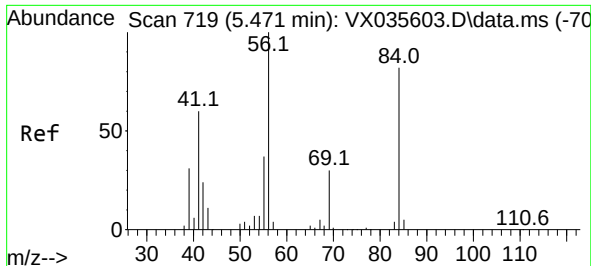
05/19/2023



#30
Chloroform
Concen: 0.733 ug/l
RT: 5.093 min Scan# 657
Delta R.T. -0.000 min
Lab File: VX035742.D
Acq: 18 May 2023 15:10

Tgt Ion: 83 Resp: 2181
Ion Ratio Lower Upper
83 100
85 68.4 50.6 76.0





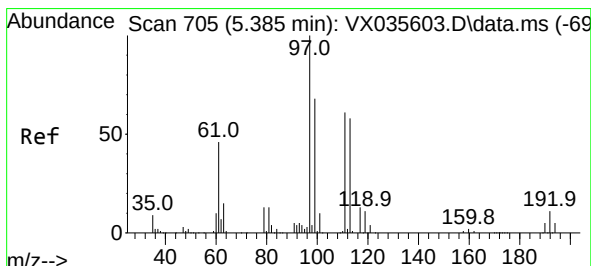
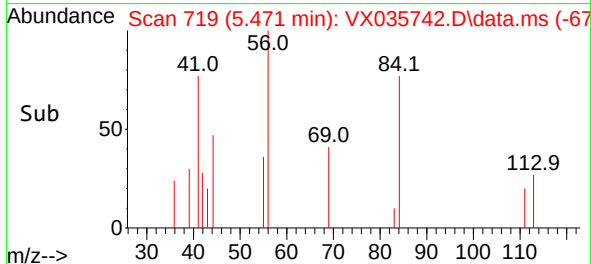
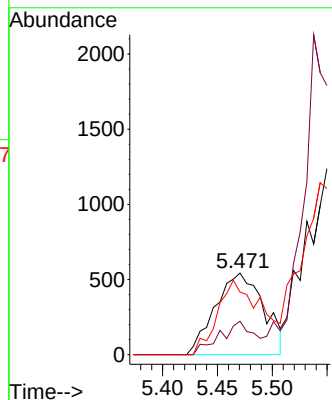
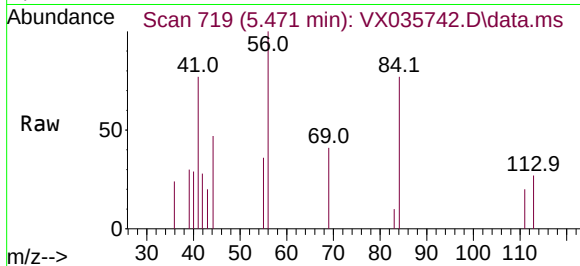
#31
Cyclohexane
Concen: 0.651 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX035742.D
Acq: 18 May 2023 15:10

Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2023

Tgt Ion: 56 Resp: 166
Ion Ratio Lower Upper
56 100
69 40.9 23.7 35.5
84 76.6 68.5 102.7

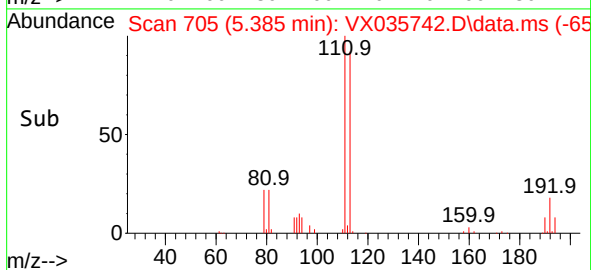
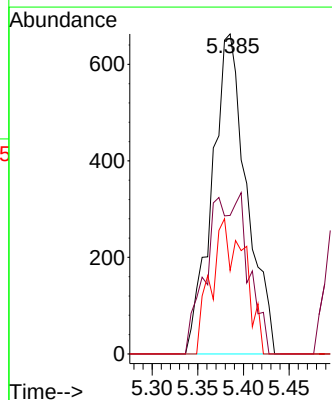
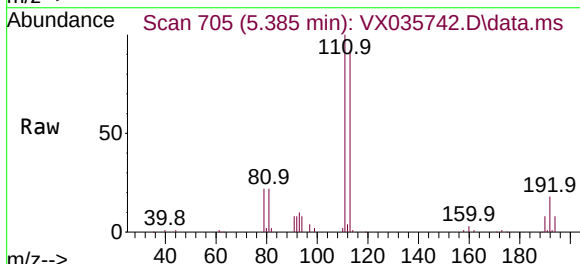
Manual Integrations
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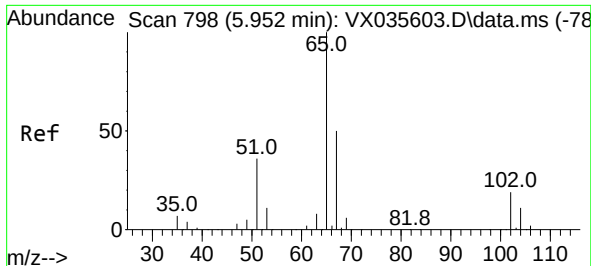
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#32
1,1,1-Trichloroethane
Concen: 0.676 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035742.D
Acq: 18 May 2023 15:10

Tgt Ion: 97 Resp: 1750
Ion Ratio Lower Upper
97 100
99 0.0 51.1 76.7#
61 23.1 36.5 54.7#





#33

1,2-Dichloroethane-d4

Concen: 38.641 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX035742.D

Acq: 18 May 2023 15:10

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2023

Tgt Ion: 65 Resp: 7836

Ion Ratio Lower Upper

65 100

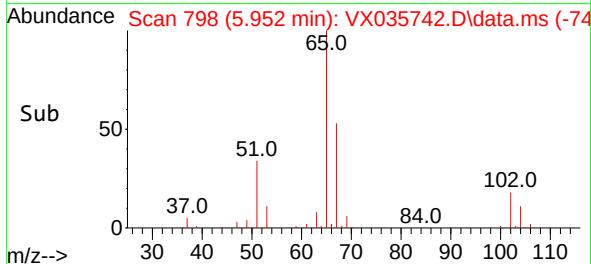
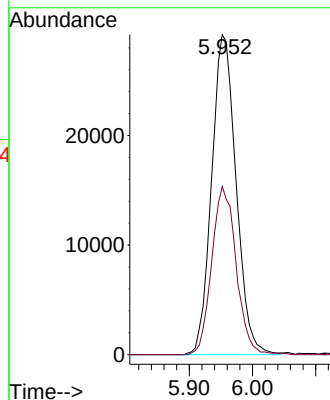
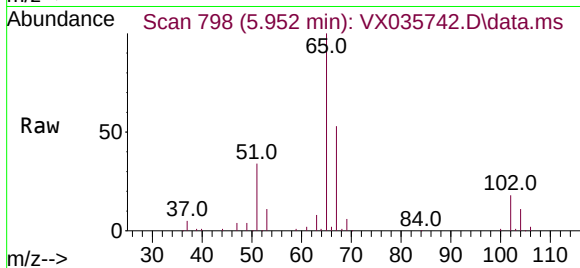
67 52.4 0.0 104.0

Manual Integrations

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Reviewed By :John Carlone 05/19/2023

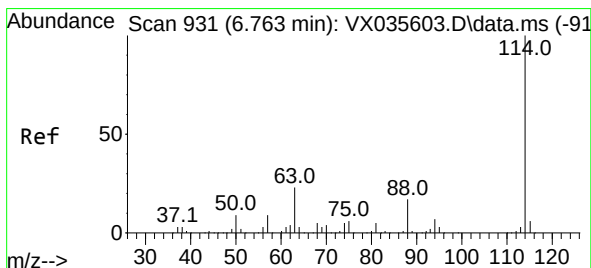
Supervised By :Mahesh Dadoda 05/19/2023



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Supervised By :Mahesh Dadoda

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX035742.D

Acq: 18 May 2023 15:10

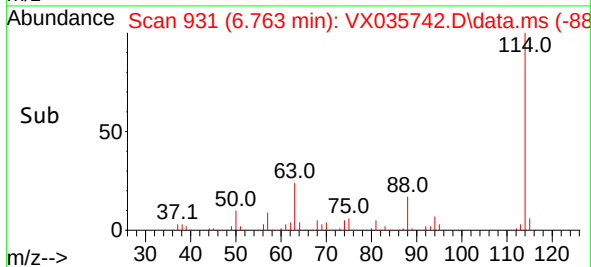
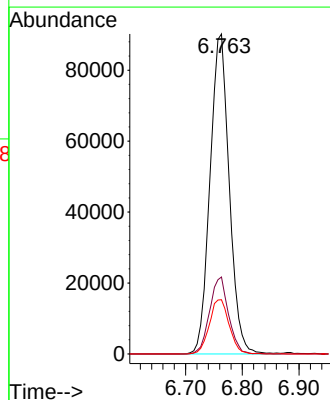
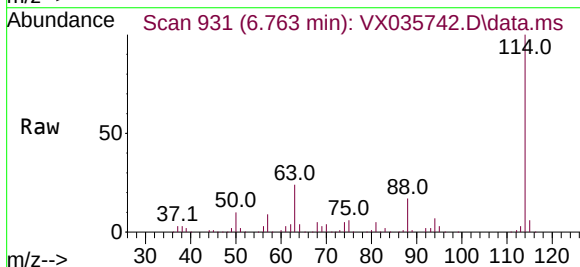
Tgt Ion:114 Resp: 212416

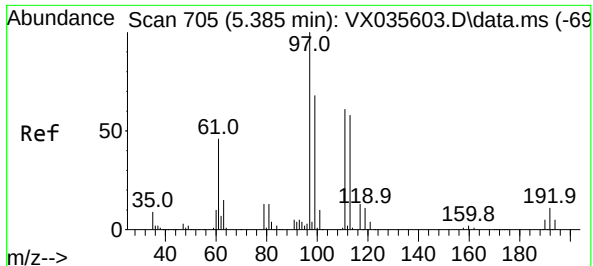
Ion Ratio Lower Upper

114 100

63 24.0 0.0 42.2

88 16.9 0.0 33.2





#35

Dibromofluoromethane

Concen: 34.535 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX035742.D

Acq: 18 May 2023 15:10

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2023

Tgt Ion:	113	Resp:	4947
Ion	Ratio	Lower	Upper
113	100		
111	103.0	83.7	125.5
192	17.2	15.4	23.2

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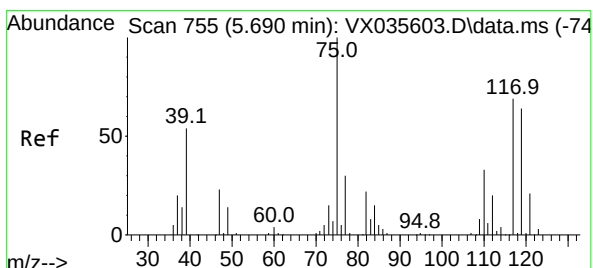
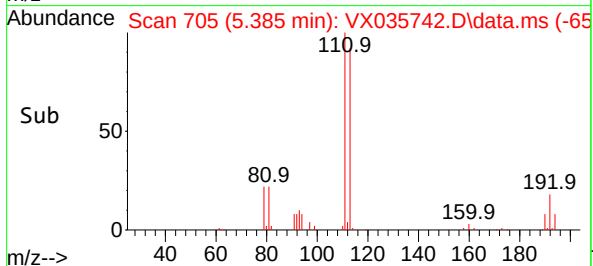
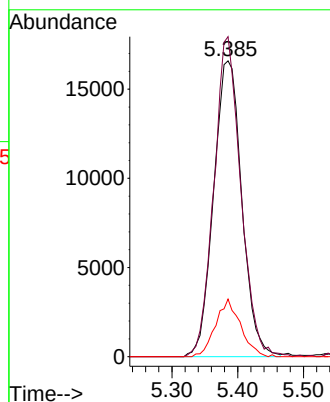
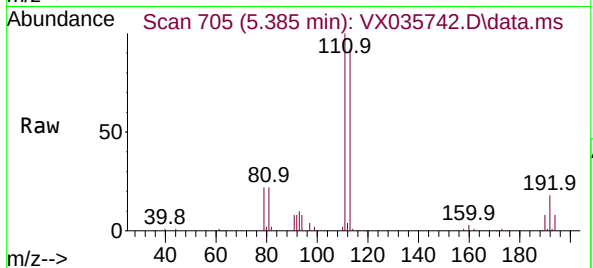
Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023

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Supervised By :Mahesh
Dadoda

05/19/2023



#36

1,1-Dichloropropene

Concen: 0.740 ug/l

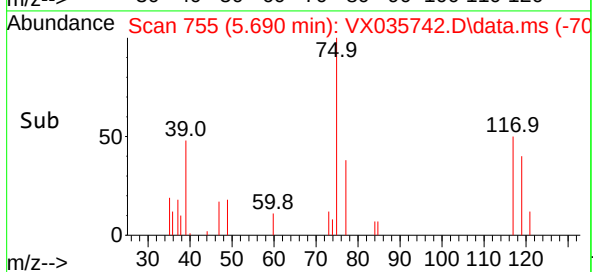
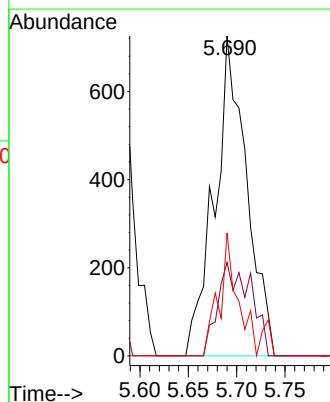
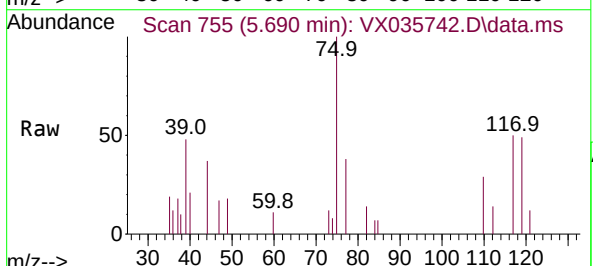
RT: 5.690 min Scan# 755

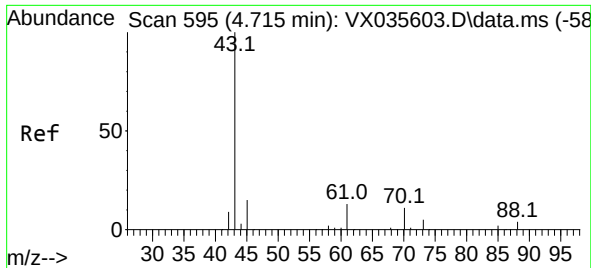
Delta R.T. 0.000 min

Lab File: VX035742.D

Acq: 18 May 2023 15:10

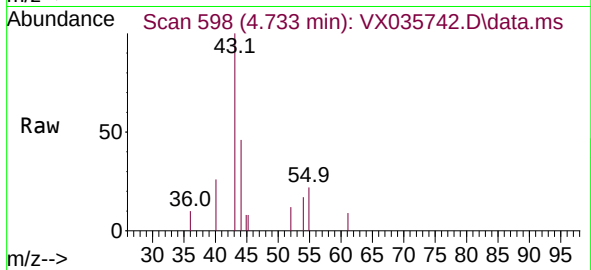
Tgt Ion:	75	Resp:	1674
Ion	Ratio	Lower	Upper
75	100		
110	29.7	17.5	52.5
77	22.3	24.3	36.5





#37
Ethyl Acetate
Concen: 0.923 ug/l
RT: 4.733 min Scan# 595
Delta R.T. 0.018 min
Lab File: VX035742.D
Acq: 18 May 2023 15:10

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2023



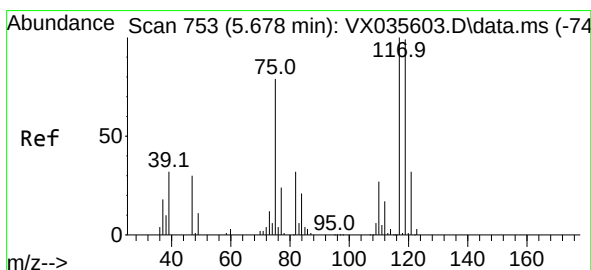
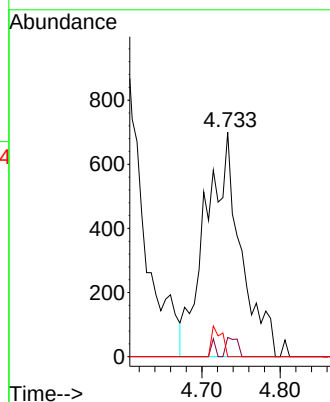
Tgt Ion: 43 Resp: 2178
Ion Ratio Lower Upper
43 100
61 2.8 10.2 15.4#
70 3.9 8.2 12.4#

Manual Integrations
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Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023

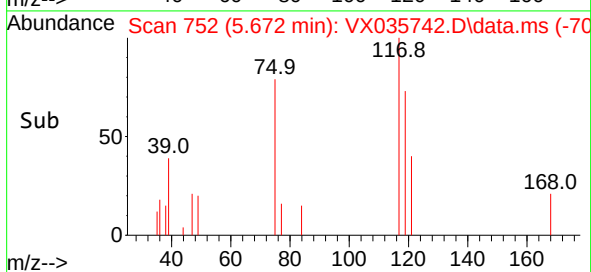
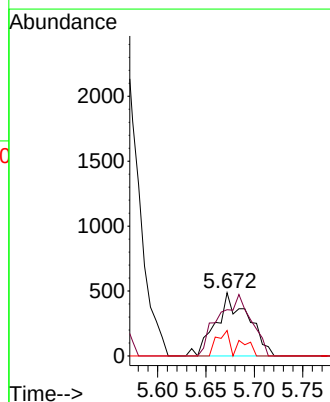
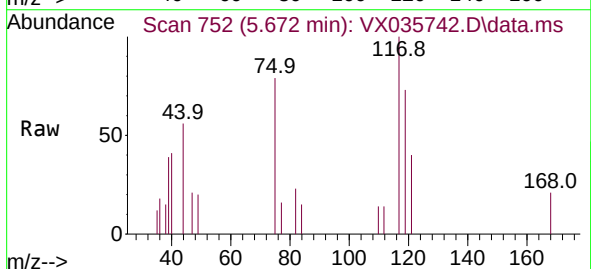
05/19/2023
Supervised By :Mahesh
Dadoda

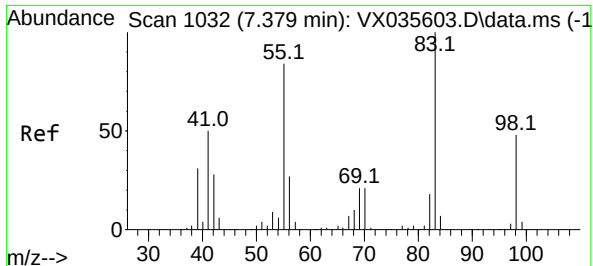
05/19/2023



#38
Carbon Tetrachloride
Concen: 0.529 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX035742.D
Acq: 18 May 2023 15:10

Tgt Ion:117 Resp: 1134
Ion Ratio Lower Upper
117 100
119 73.1 76.6 114.8#
121 40.2 23.8 35.6#





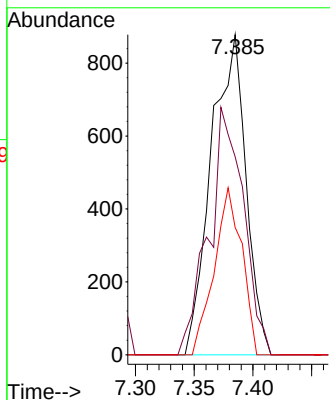
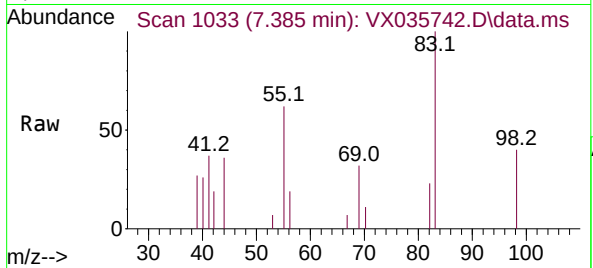
#39
Methylcyclohexane
Concen: 0.678 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.006 min
Lab File: VX035742.D
Acq: 18 May 2023 15:10

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2023

Tgt Ion: 83 Resp: 180
Ion Ratio Lower Upper
83 100
55 61.8 60.5 90.7
98 39.7 40.4 60.6

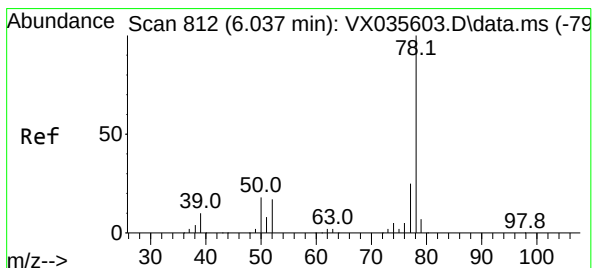
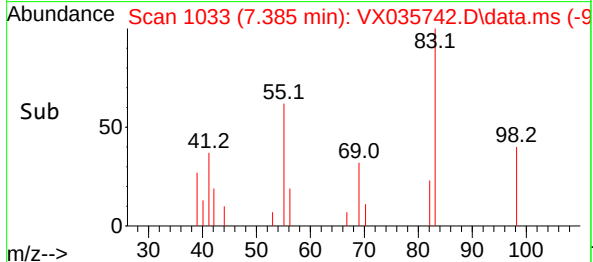
Manual Integrations
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Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



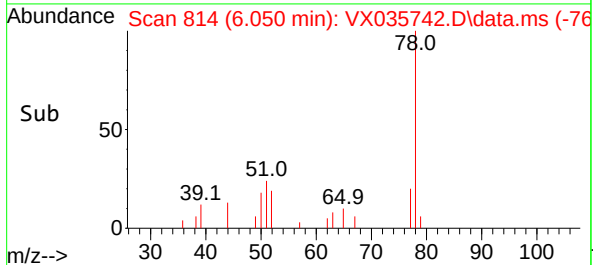
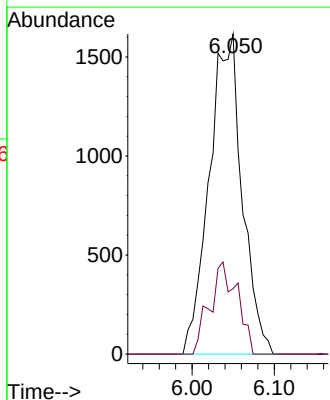
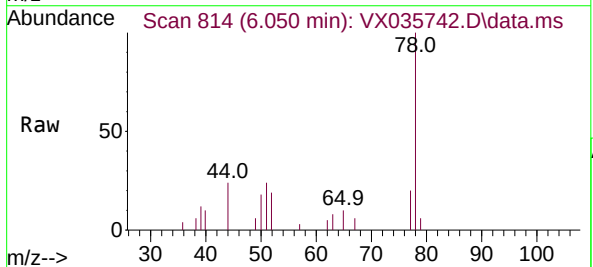
05/19/2023
Supervised By :Mahesh
Dadoda

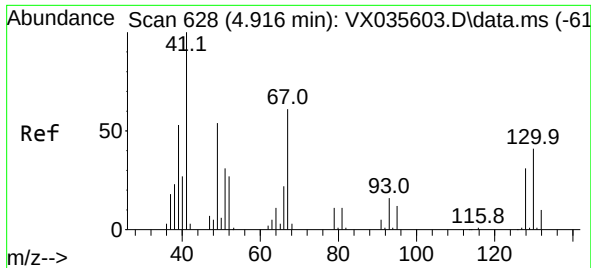
05/19/2023



#40
Benzene
Concen: 0.709 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.013 min
Lab File: VX035742.D
Acq: 18 May 2023 15:10

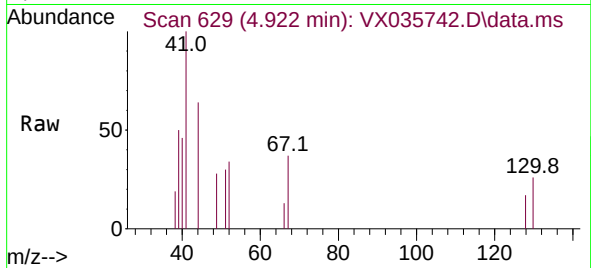
Tgt Ion: 78 Resp: 4487
Ion Ratio Lower Upper
78 100
77 20.4 19.0 28.4





#41
Methacrylonitrile
Concen: 0.703 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX035742.D
Acq: 18 May 2023 15:10

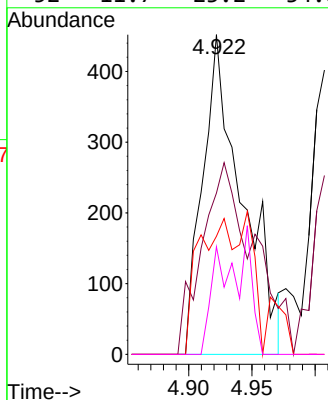
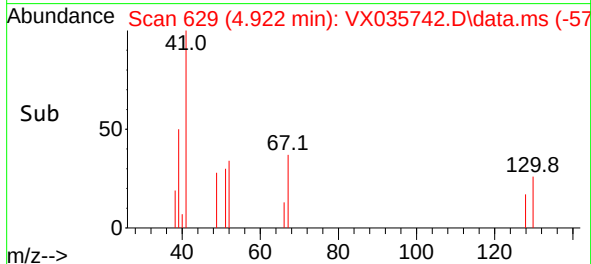
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2023



Tgt Ion: 41 Resp: 98
Ion Ratio Lower Upper
41 100
39 78.7 45.0 67.6
67 35.9 55.6 83.4
52 11.7 23.2 34.8

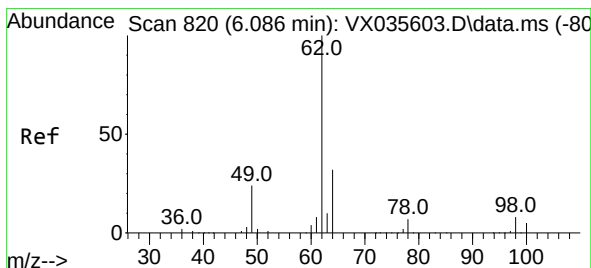
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



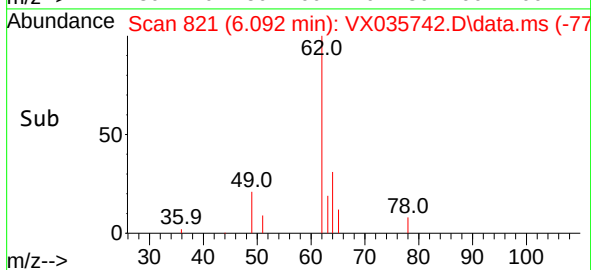
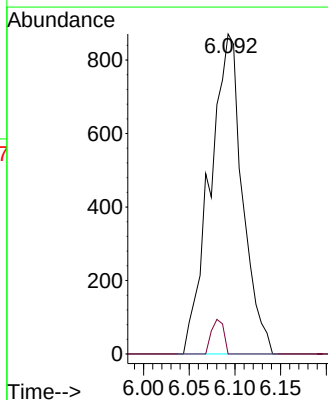
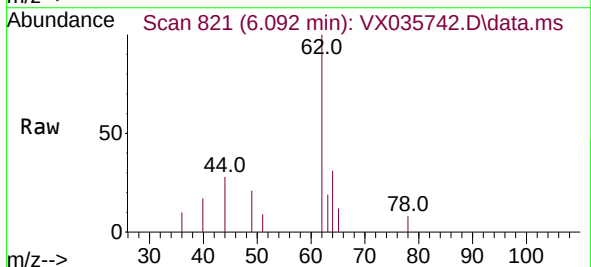
05/19/2023
Supervised By :Mahesh
Dadoda

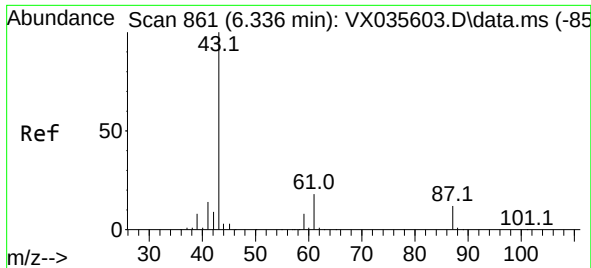
05/19/2023



#42
1,2-Dichloroethane
Concen: 0.793 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX035742.D
Acq: 18 May 2023 15:10

Tgt Ion: 62 Resp: 2159
Ion Ratio Lower Upper
62 100
98 4.0 0.0 18.0





#43

Isopropyl Acetate

Concen: 0.666 ug/l

RT: 6.348 min Scan# 861

Delta R.T. 0.012 min

Lab File: VX035742.D

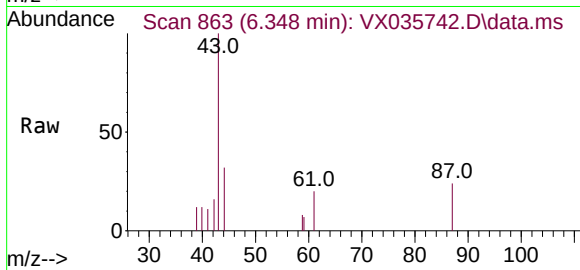
Acq: 18 May 2023 15:10

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2023



Tgt Ion: 43	Resp: 2740
Ion Ratio	Lower Upper
43	100
61	18.3 15.2 22.8
87	19.2 9.8 14.8

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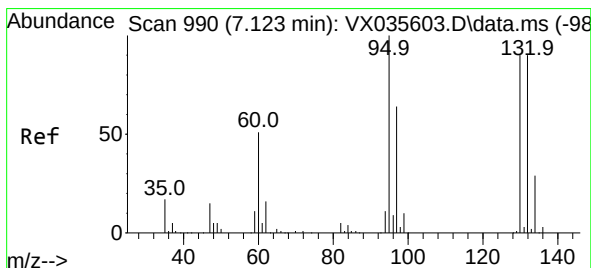
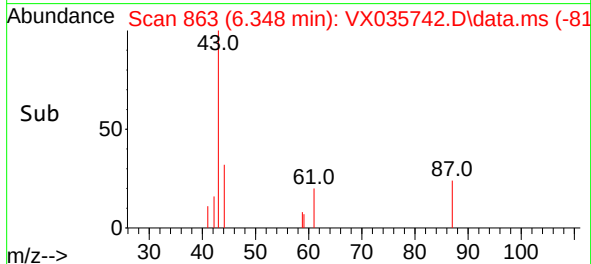
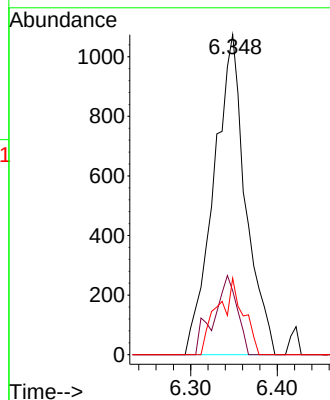
Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023

05/19/2023

Supervised By :Mahesh
Dadoda

05/19/2023



#44

Trichloroethene

Concen: 0.806 ug/l

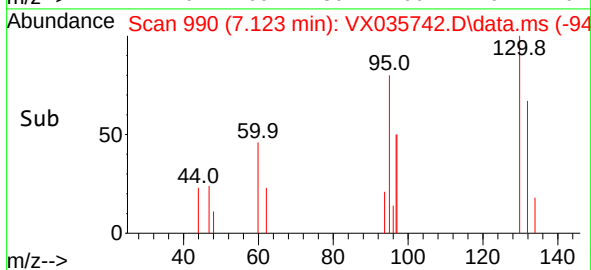
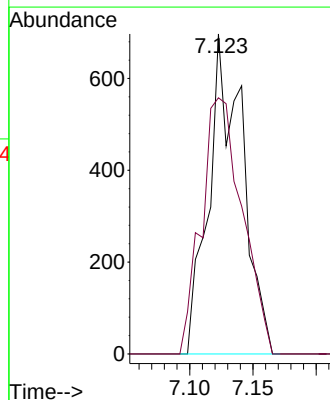
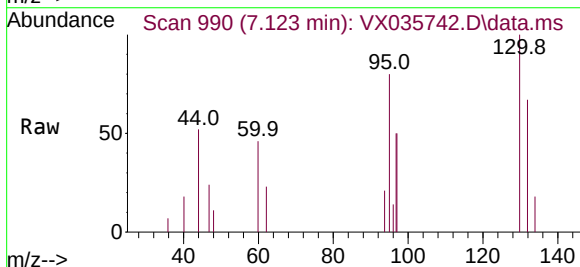
RT: 7.123 min Scan# 990

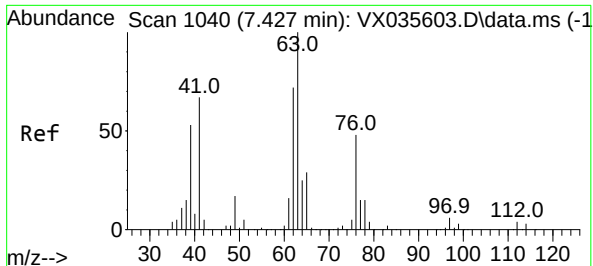
Delta R.T. -0.000 min

Lab File: VX035742.D

Acq: 18 May 2023 15:10

Tgt Ion:130	Resp: 1293
Ion Ratio	Lower Upper
130	100
95	80.1 0.0 198.4





#45

1,2-Dichloropropane

Concen: 0.754 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.001 min

Lab File: VX035742.D

Acq: 18 May 2023 15:10

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2023

Tgt Ion: 63 Resp: 126

Ion Ratio Lower Upper

63 100

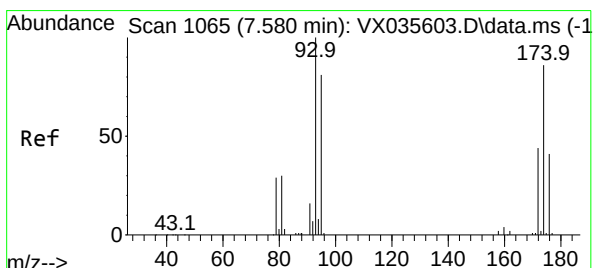
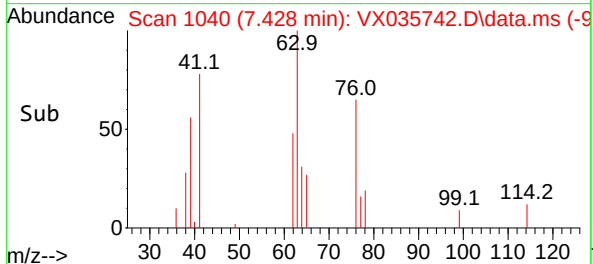
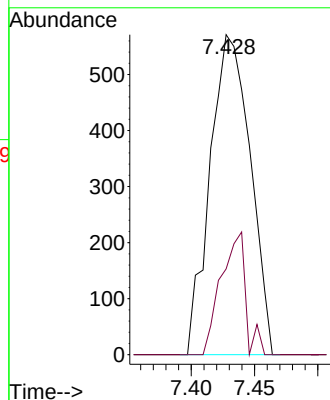
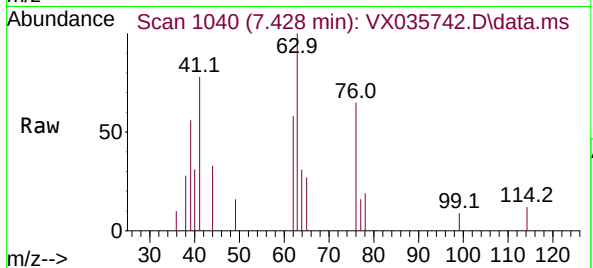
65 26.8 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#46

Dibromomethane

Concen: 0.745 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VX035742.D

Acq: 18 May 2023 15:10

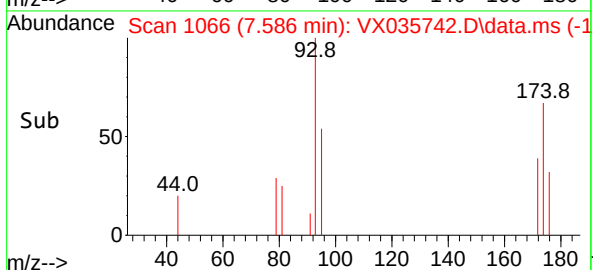
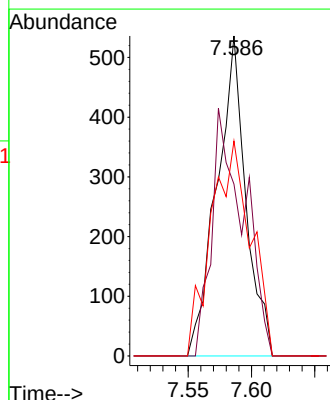
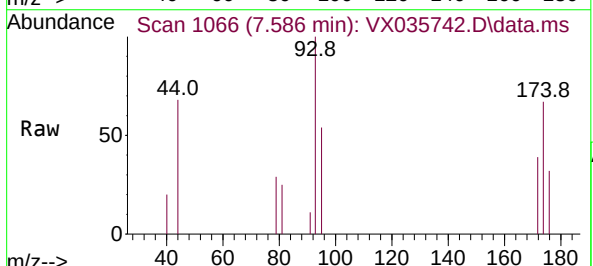
Tgt Ion: 93 Resp: 854

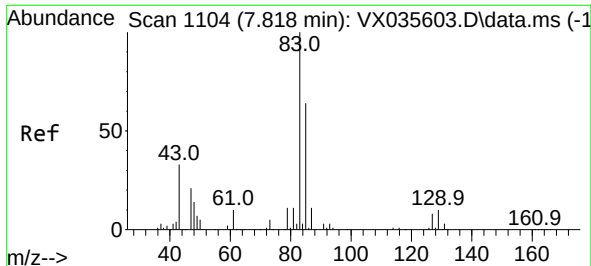
Ion Ratio Lower Upper

93 100

95 85.8 66.9 100.3

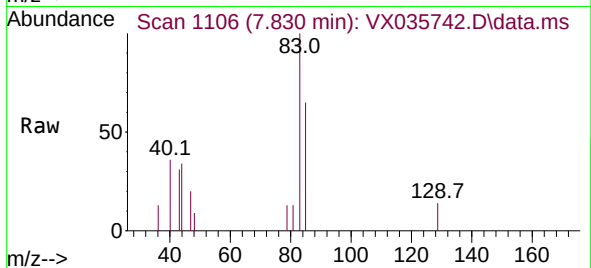
174 91.5 75.4 113.0





#47
Bromodichloromethane
Concen: 0.600 ug/l
RT: 7.830 min Scan# 1104
Delta R.T. 0.012 min
Lab File: VX035742.D
Acq: 18 May 2023 15:10

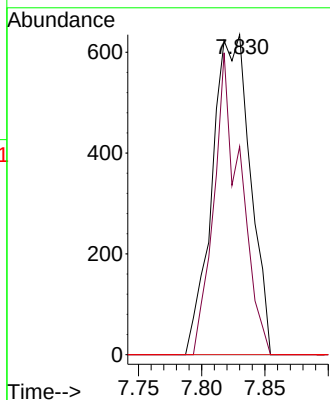
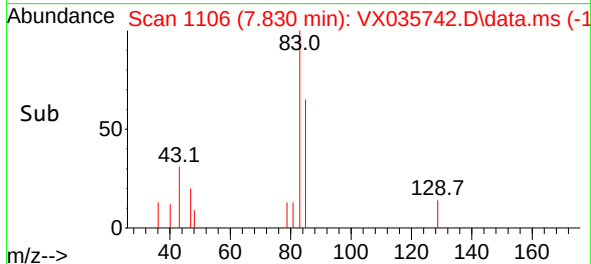
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2023



Tgt Ion: 83 Resp: 1330
Ion Ratio Lower Upper
83 100
85 65.0 52.2 78.4
127 0.0 6.6 9.8

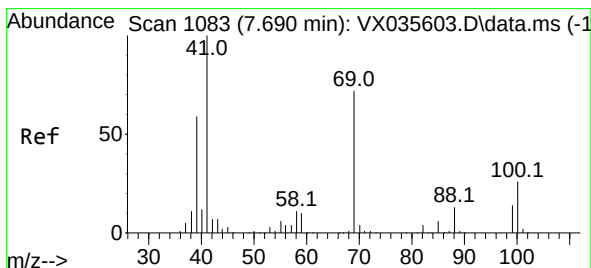
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023

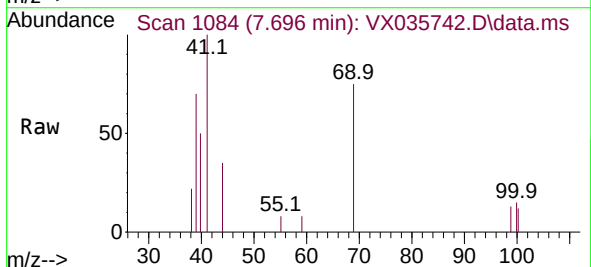


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Supervised By :Mahesh
Dadoda

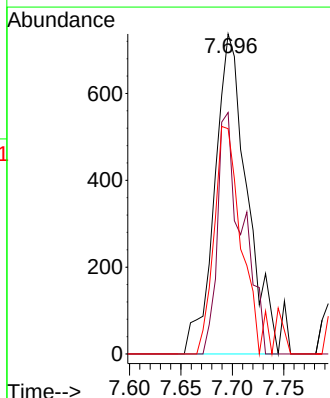
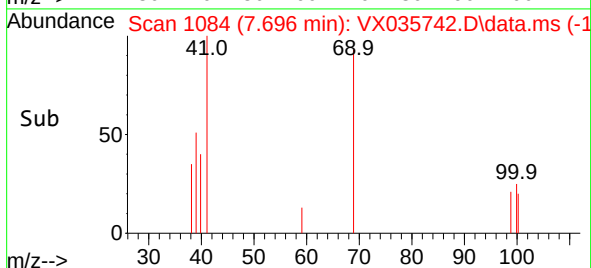
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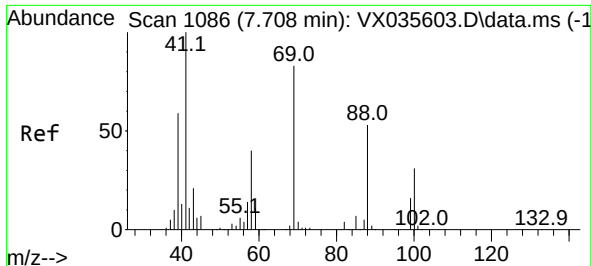


#48
Methyl methacrylate
Concen: 0.794 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX035742.D
Acq: 18 May 2023 15:10



Tgt Ion: 41 Resp: 1611
Ion Ratio Lower Upper
41 100
69 58.0 62.2 93.4
39 58.1 47.7 71.5





#49

1,4-Dioxane

Concen: 18.206 ug/l m

RT: 7.751 min Scan# 1086

Delta R.T. 0.043 min

Lab File: VX035742.D

Acq: 18 May 2023 15:10

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2023

Tgt Ion: 88	Resp: 794
Ion Ratio	Lower Upper
88 100	
43 0.0	27.7 41.5
58 25.3	56.8 85.2

Manual Integrations

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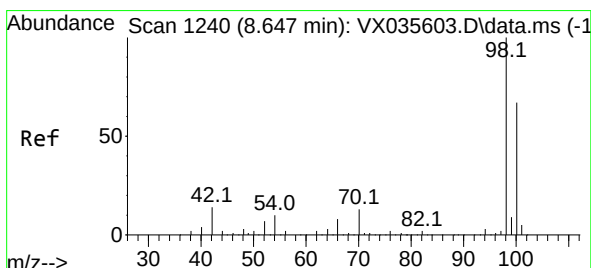
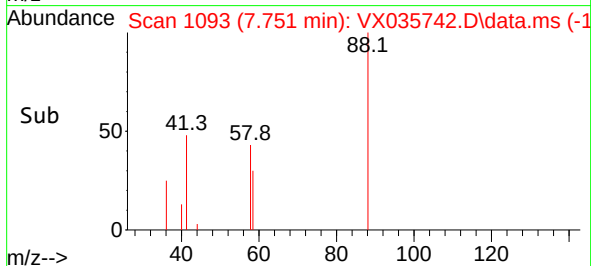
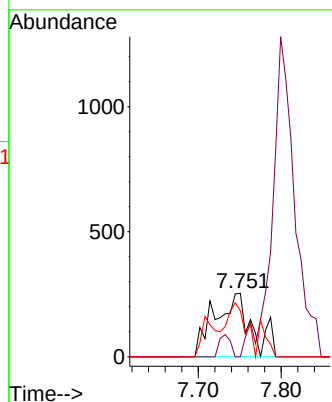
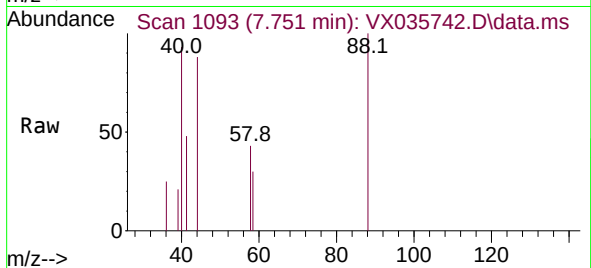
Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023

05/19/2023

Supervised By :Mahesh
Dadoda

05/19/2023



#50

Toluene-d8

Concen: 34.146 ug/l

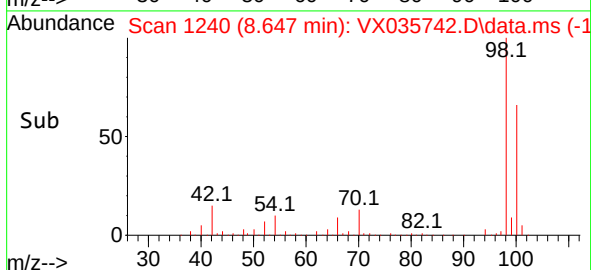
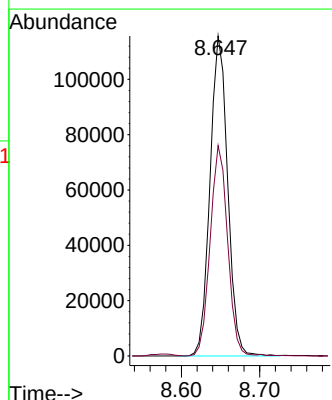
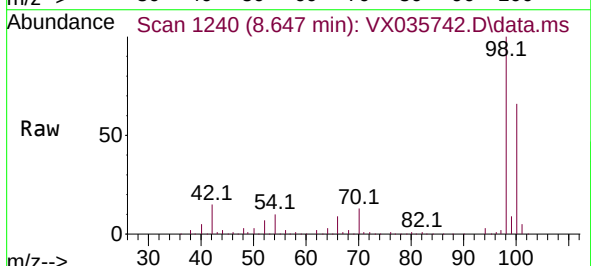
RT: 8.647 min Scan# 1240

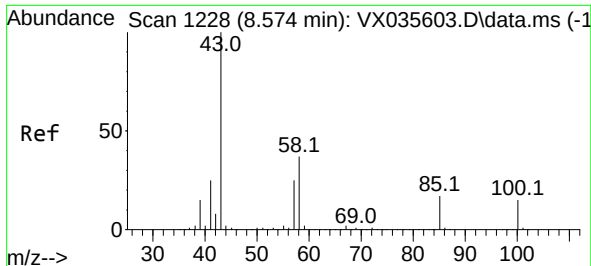
Delta R.T. -0.000 min

Lab File: VX035742.D

Acq: 18 May 2023 15:10

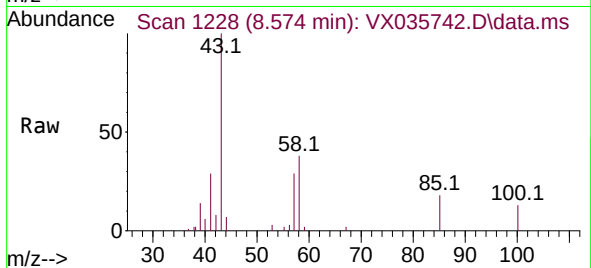
Tgt Ion: 98	Resp: 180706
Ion Ratio	Lower Upper
98 100	
100 65.3	52.5 78.7





#51
4-Methyl-2-Pentanone
Concen: 3.860 ug/l
RT: 8.574 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035742.D
Acq: 18 May 2023 15:10

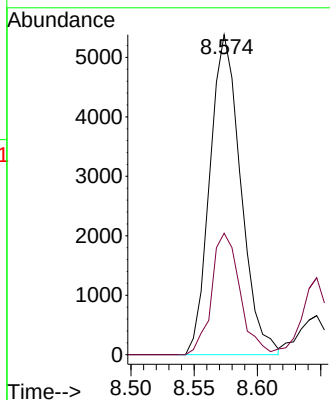
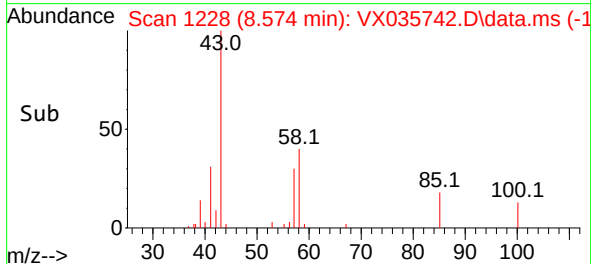
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2023



Tgt Ion: 43 Resp: 914
Ion Ratio Lower Upper
43 100
58 34.8 30.6 46.0

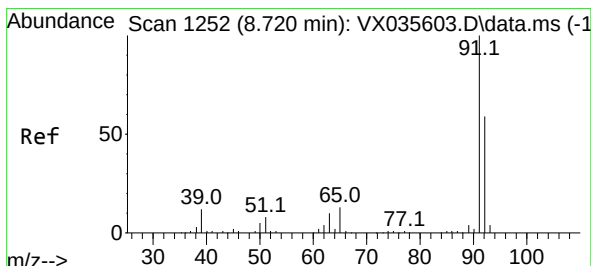
Manual Integrations
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Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023

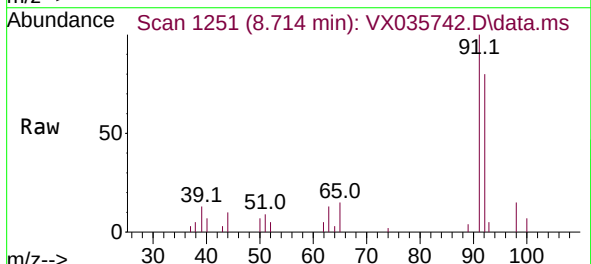


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Supervised By :Mahesh
Dadoda

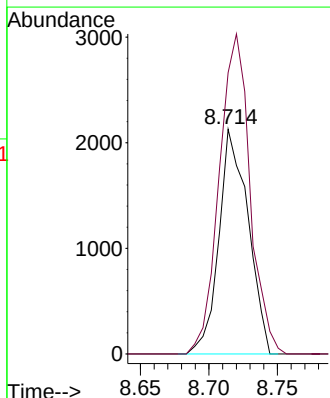
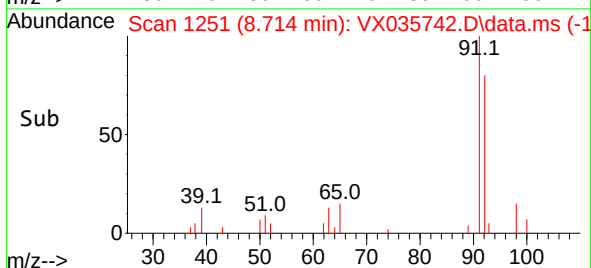
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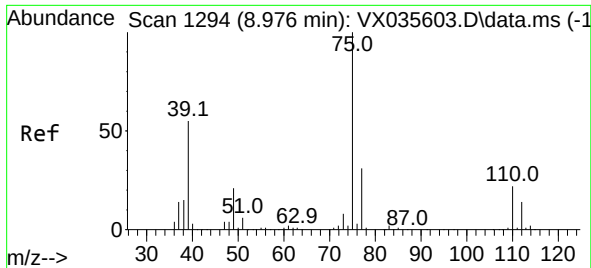


#52
Toluene
Concen: 0.790 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX035742.D
Acq: 18 May 2023 15:10



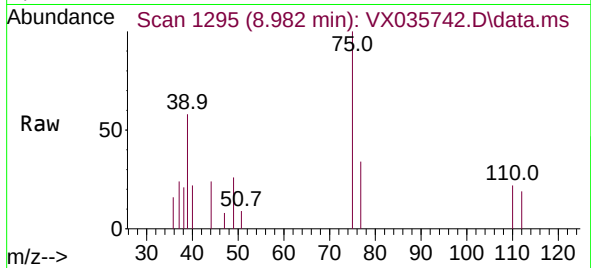
Tgt Ion: 92 Resp: 3156
Ion Ratio Lower Upper
92 100
91 150.2 136.8 205.2





#53
t-1,3-Dichloropropene
Concen: 0.544 ug/l
RT: 8.982 min Scan# 1195
Delta R.T. 0.006 min
Lab File: VX035742.D
Acq: 18 May 2023 15:10

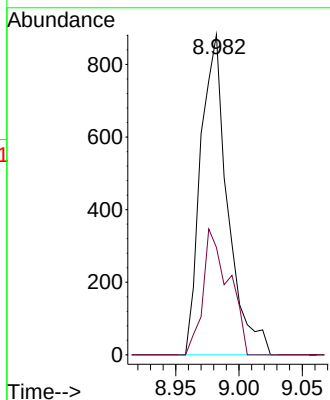
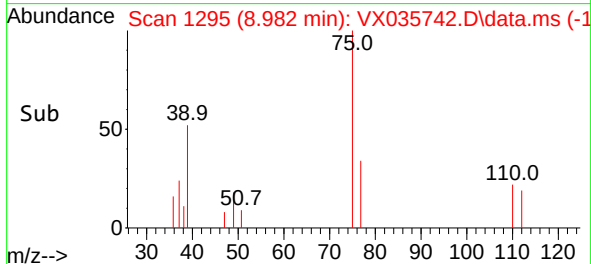
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2023



Tgt Ion: 75 Resp: 1310
Ion Ratio Lower Upper
75 100
77 33.6 25.4 38.2

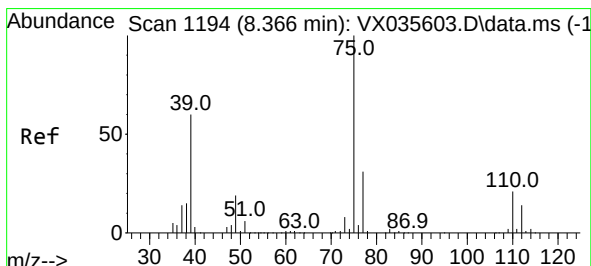
Manual Integrations
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Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



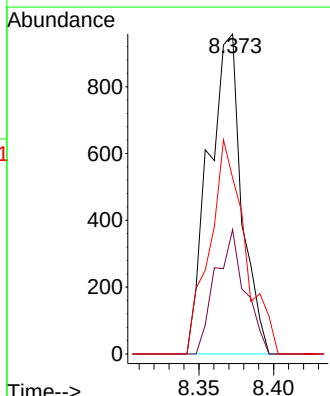
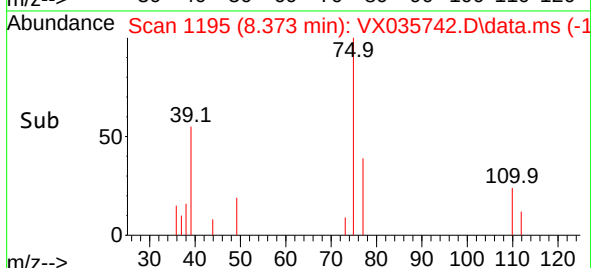
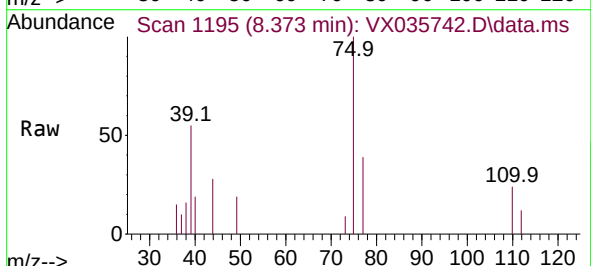
05/19/2023
Supervised By :Mahesh
Dadoda

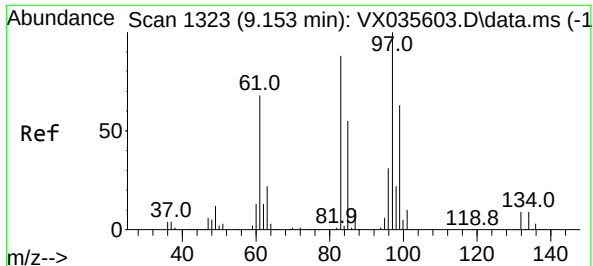
05/19/2023



#54
cis-1,3-Dichloropropene
Concen: 0.571 ug/l
RT: 8.373 min Scan# 1195
Delta R.T. 0.007 min
Lab File: VX035742.D
Acq: 18 May 2023 15:10

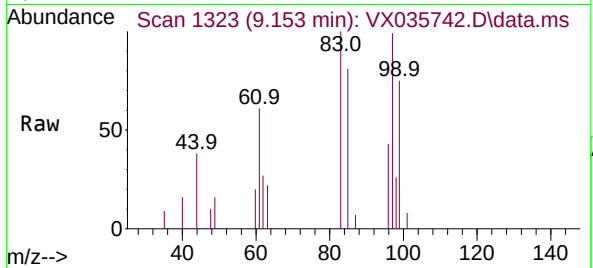
Tgt Ion: 75 Resp: 1474
Ion Ratio Lower Upper
75 100
77 38.8 25.0 37.4#
39 55.0 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 0.789 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX035742.D
Acq: 18 May 2023 15:10

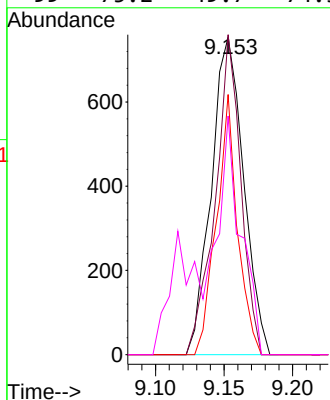
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2023



Tgt Ion	Ratio	Lower	Upper
97	100		
83	100.8	69.7	104.5
85	82.0	43.7	65.5
99	75.2	49.7	74.5

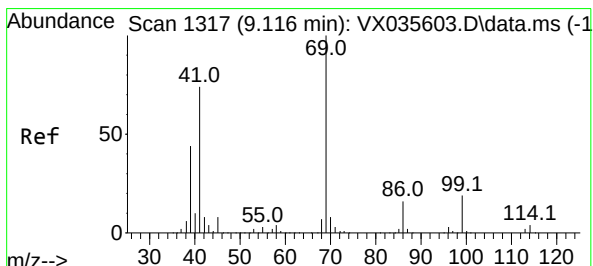
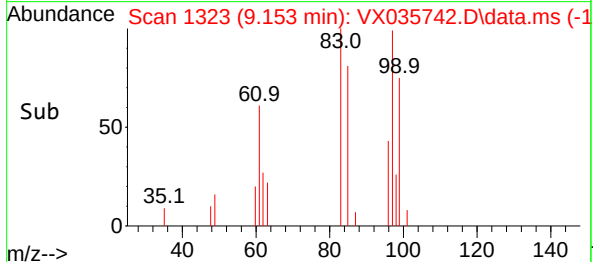
Manual Integrations
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Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



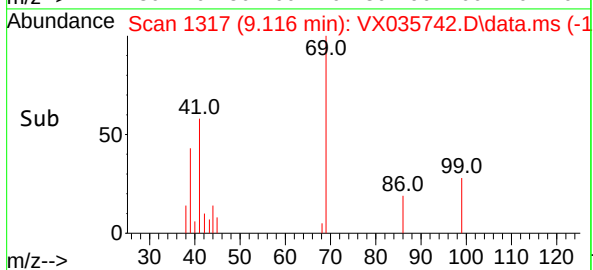
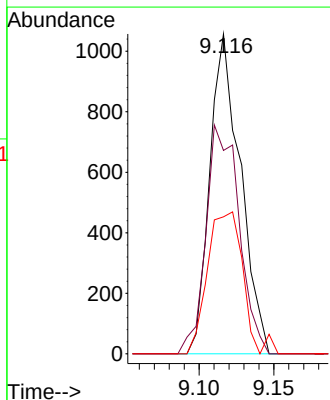
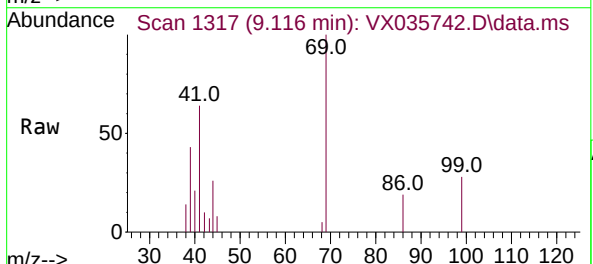
05/19/2023
Supervised By :Mahesh Dadoda

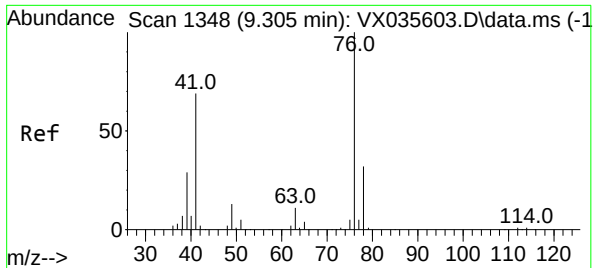
05/19/2023



#56
Ethyl methacrylate
Concen: 0.591 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX035742.D
Acq: 18 May 2023 15:10

Tgt Ion	Ratio	Lower	Upper
69	100		
41	77.5	57.4	86.0
39	51.7	33.7	50.5





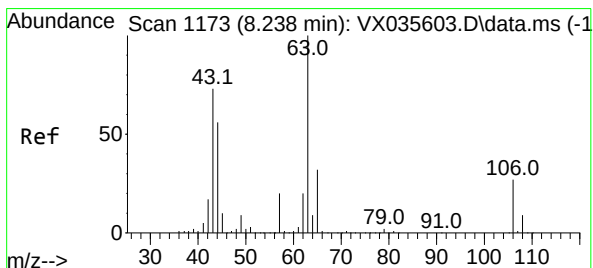
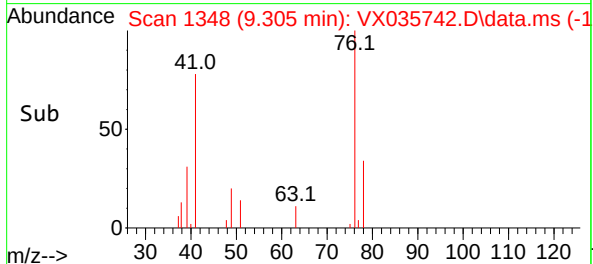
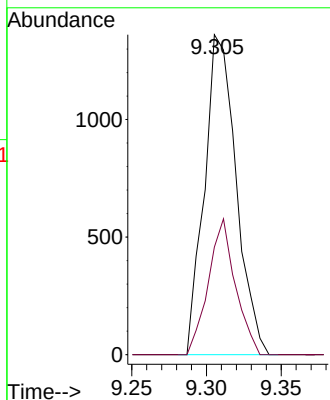
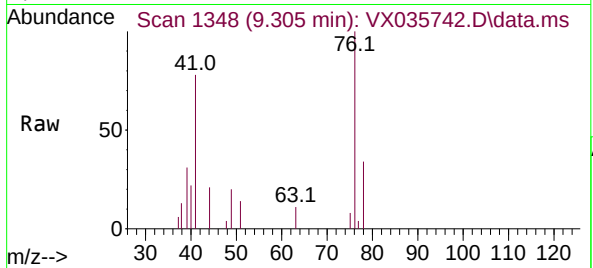
#57
1,3-Dichloropropane
Concen: 0.706 ug/l
RT: 9.305 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX035742.D
Acq: 18 May 2023 15:10

Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2023

Tgt Ion: 76 Resp: 2008
Ion Ratio Lower Upper
76 100
78 36.1 25.8 38.8

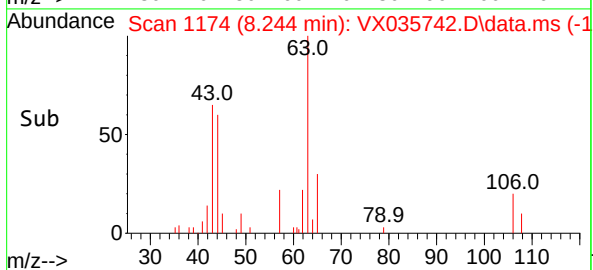
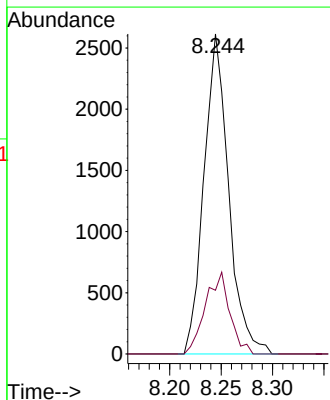
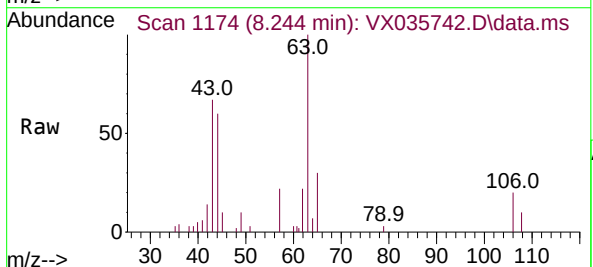
Manual Integrations
APPROVED

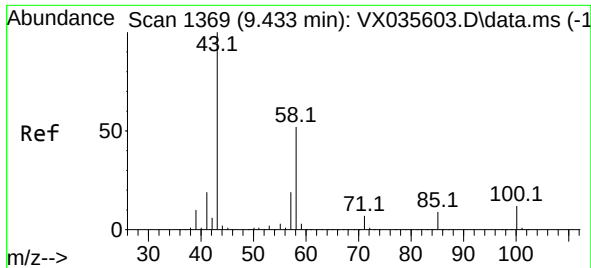
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#58
2-Chloroethyl Vinyl ether
Concen: 3.377 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VX035742.D
Acq: 18 May 2023 15:10

Tgt Ion: 63 Resp: 4363
Ion Ratio Lower Upper
63 100
106 25.3 22.2 33.2





#59

2-Hexanone

Concen: 3.789 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX035742.D

Acq: 18 May 2023 15:10

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2023

Tgt Ion: 43 Resp: 676

Ion Ratio Lower Upper

43 100

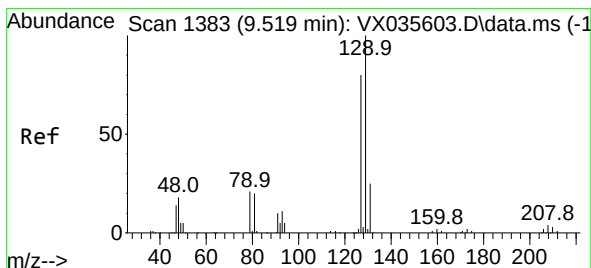
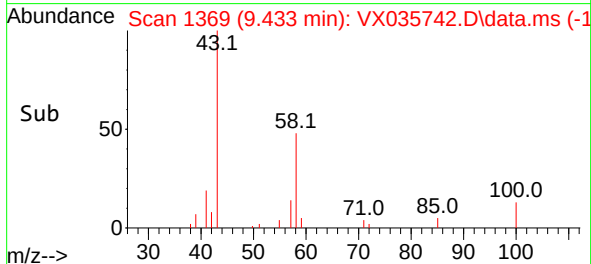
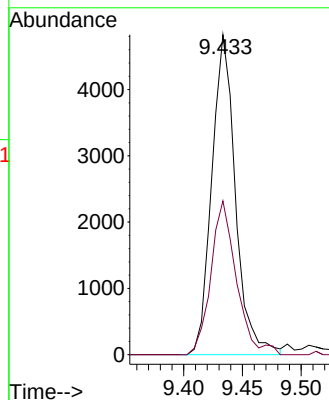
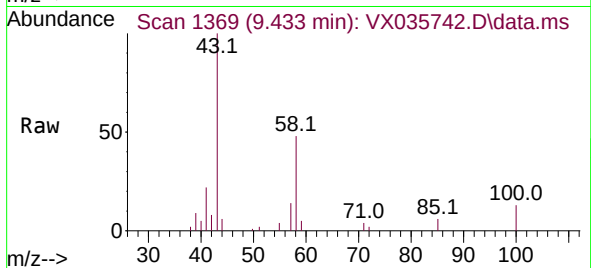
58 51.8 26.3 78.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#60

Dibromochloromethane

Concen: 0.538 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX035742.D

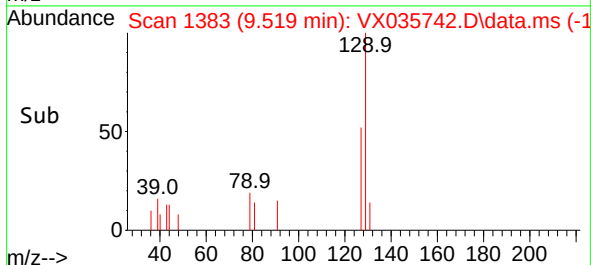
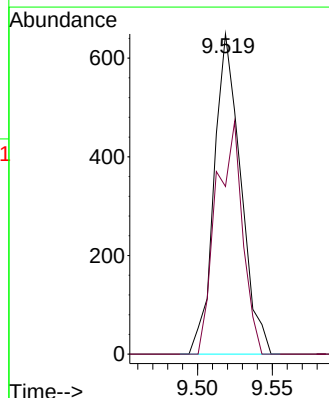
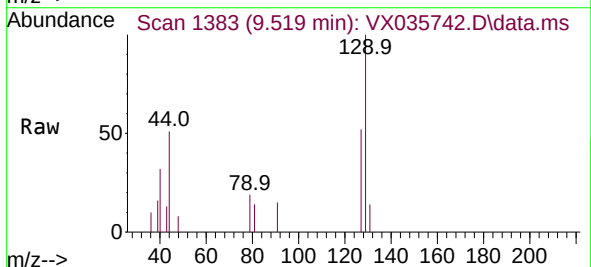
Acq: 18 May 2023 15:10

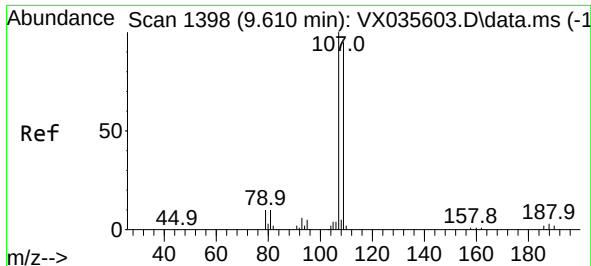
Tgt Ion:129 Resp: 805

Ion Ratio Lower Upper

129 100

127 72.0 39.0 117.0





#61

1,2-Dibromoethane

Concen: 0.661 ug/l

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX035742.D

Acq: 18 May 2023 15:10

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2023

Tgt Ion:	107	Resp:	109
Ion	Ratio	Lower	Upper
107	100		
109	96.0	75.3	112.9

Manual Integrations

APPROVED

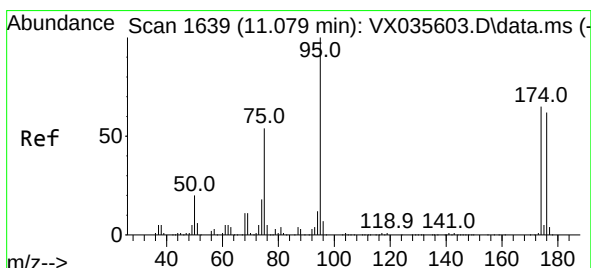
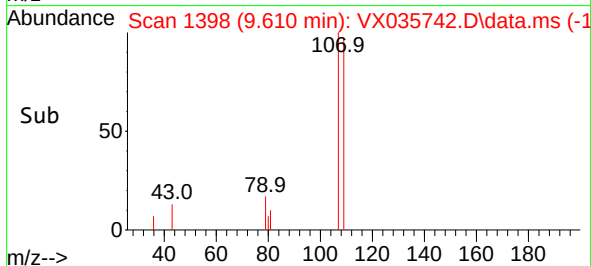
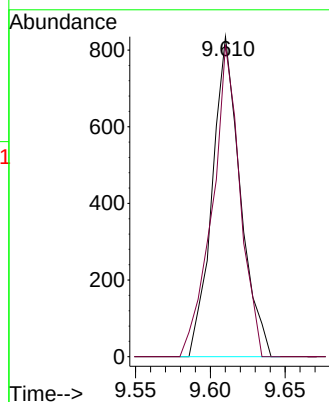
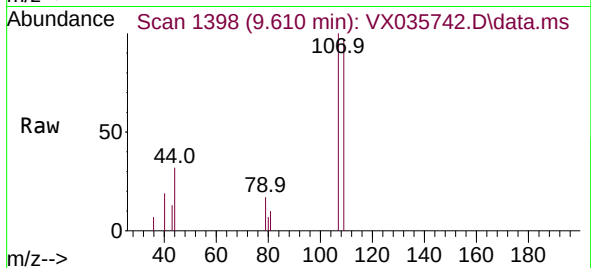
Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023

05/19/2023

Supervised By :Mahesh
Dadoda

05/19/2023



#62

4-Bromofluorobenzene

Concen: 33.252 ug/l

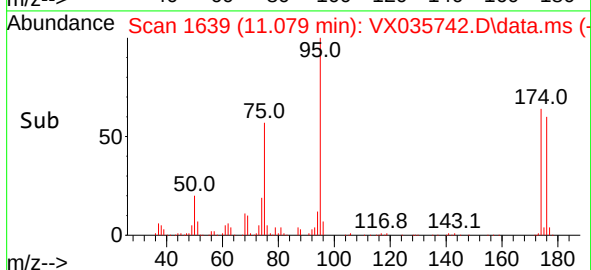
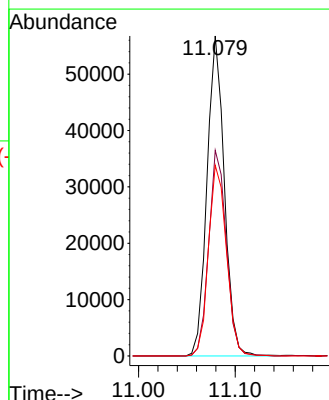
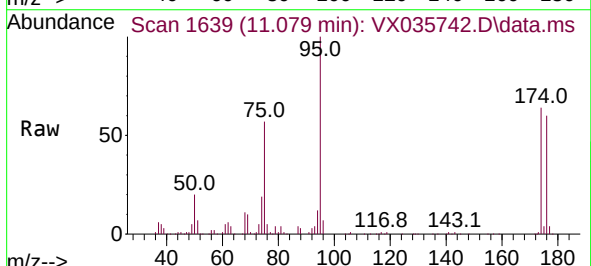
RT: 11.079 min Scan# 1639

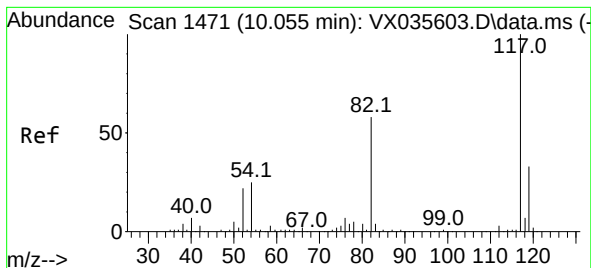
Delta R.T. 0.000 min

Lab File: VX035742.D

Acq: 18 May 2023 15:10

Tgt Ion:	95	Resp:	70854
Ion	Ratio	Lower	Upper
95	100		
174	65.1	0.0	147.4
176	61.8	0.0	140.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX035742.D

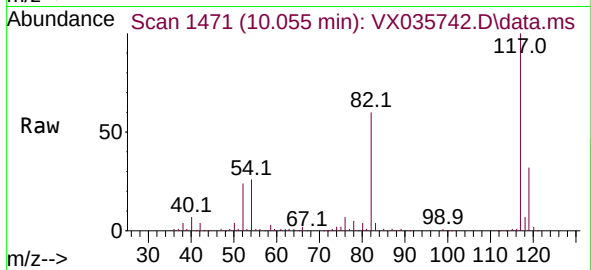
Acq: 18 May 2023 15:10

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2023



Tgt Ion	Ratio	Lower	Upper
117	100		
82	59.5	45.0	67.4
119	32.3	26.0	39.0

Manual Integrations
APPROVED

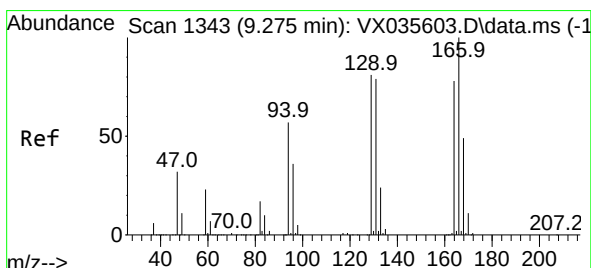
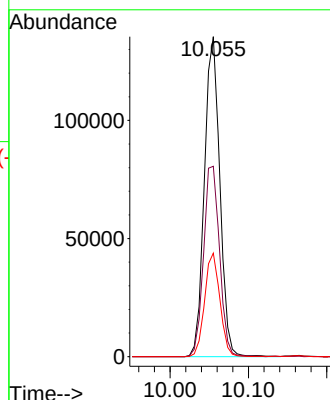
Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023

05/19/2023

Supervised By :Mahesh
Dadoda

05/19/2023



#64

Tetrachloroethene

Concen: 0.787 ug/l

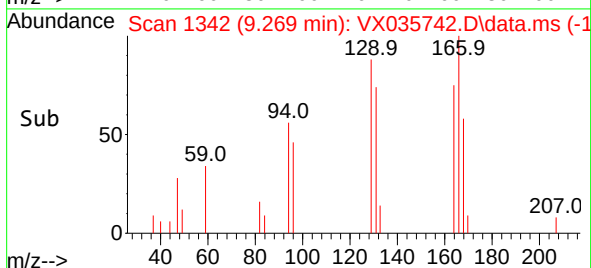
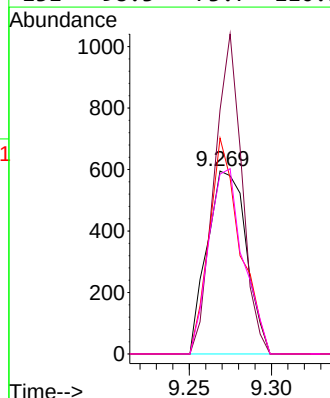
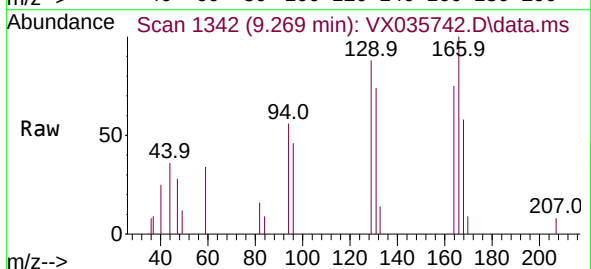
RT: 9.269 min Scan# 1342

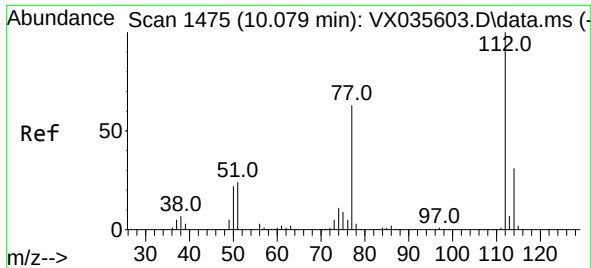
Delta R.T. -0.006 min

Lab File: VX035742.D

Acq: 18 May 2023 15:10

Tgt Ion	Ratio	Lower	Upper
164	100		
166	133.4	102.7	154.1
129	118.0	75.6	113.4#
131	98.3	73.7	110.5





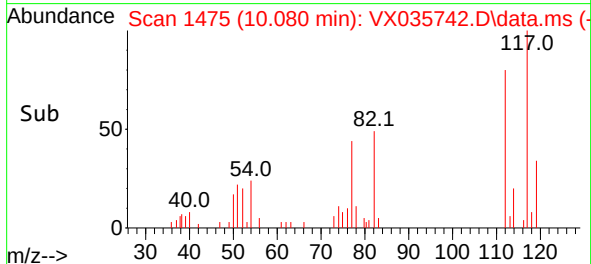
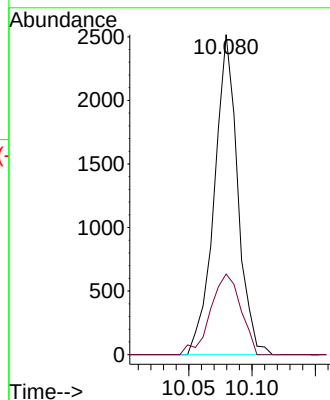
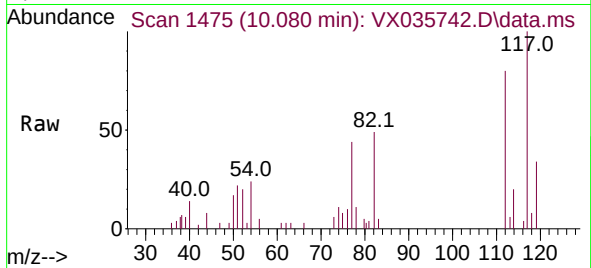
#65
Chlorobenzene
Concen: 0.800 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.001 min
Lab File: VX035742.D
Acq: 18 May 2023 15:10

Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2023

Tgt Ion:112 Resp: 323
Ion Ratio Lower Upper
112 100
114 25.2 26.2 39.2

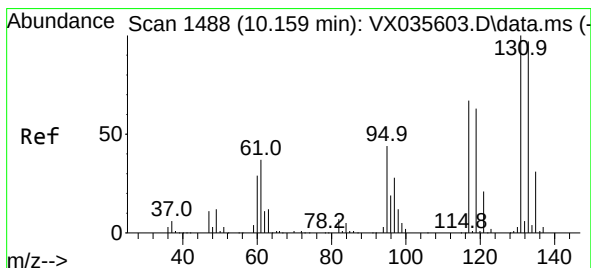
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



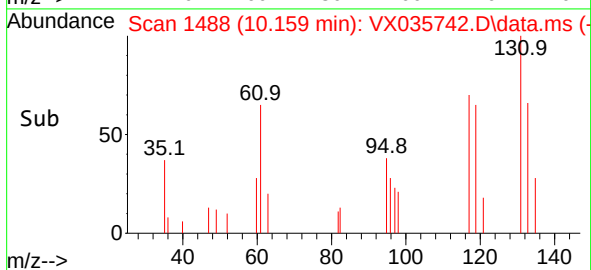
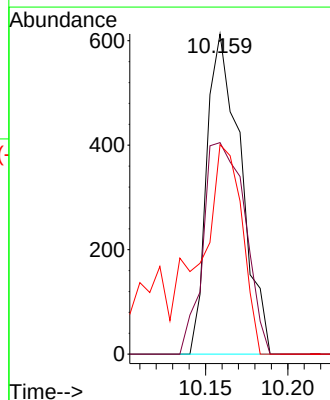
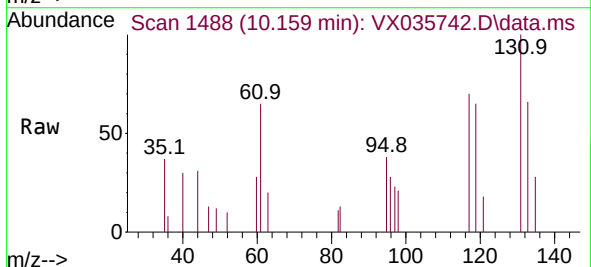
05/19/2023
Supervised By :Mahesh
Dadoda

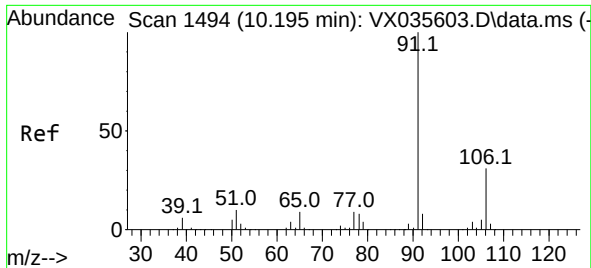
05/19/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 0.613 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX035742.D
Acq: 18 May 2023 15:10

Tgt Ion:131 Resp: 875
Ion Ratio Lower Upper
131 100
133 81.9 47.1 141.4
119 0.0 32.6 98.0





#67

Ethyl Benzene

Concen: 0.703 ug/l

RT: 10.189 min Scan# 1494

Delta R.T. -0.006 min

Lab File: VX035742.D

Acq: 18 May 2023 15:10

Instrument :

MSVOA_X

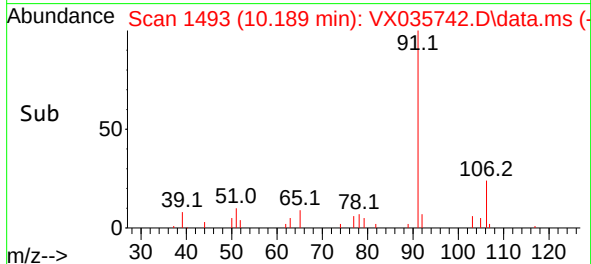
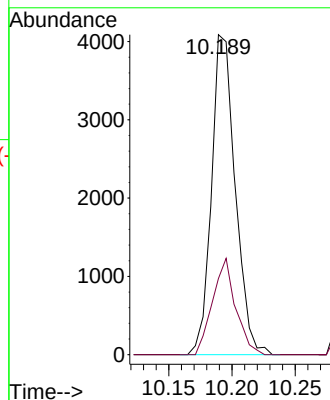
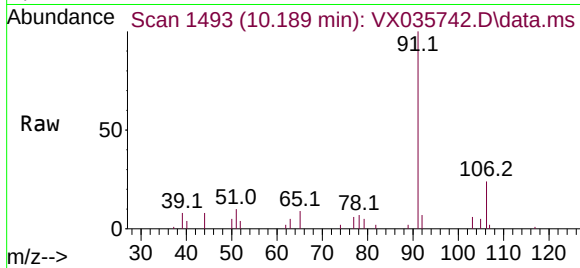
ClientSampleId :

LOQ-WATER-02-QT2-2023

Tgt Ion: 91 Resp: 5339
 Ion Ratio Lower Upper
 91 100
 106 23.8 25.6 38.4

Manual Integrations
 APPROVED

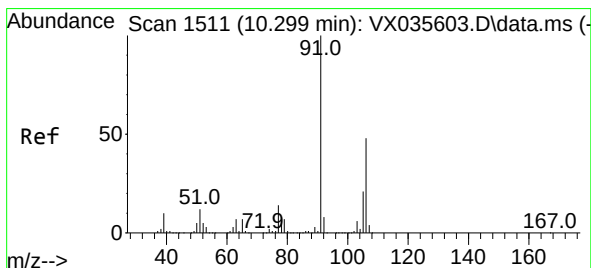
Reviewed By :John Carlone 05/19/2023
 Supervised By :Mahesh Dadoda 05/19/2023



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Supervised By :Mahesh
 Dadoda

05/19/2023



#68

m/p-Xylenes

Concen: 1.360 ug/l

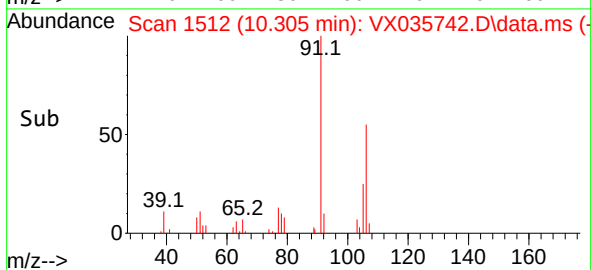
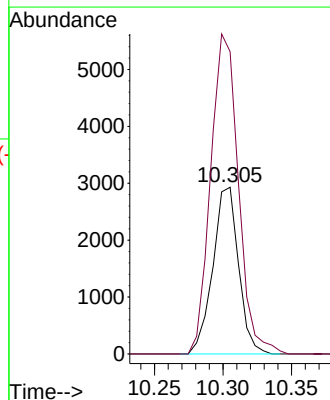
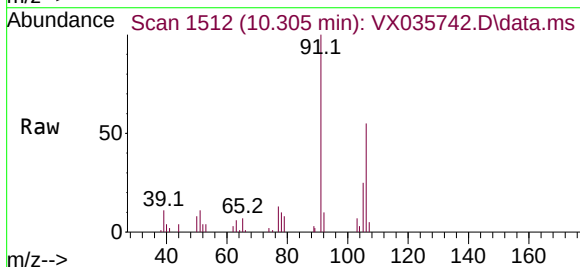
RT: 10.305 min Scan# 1512

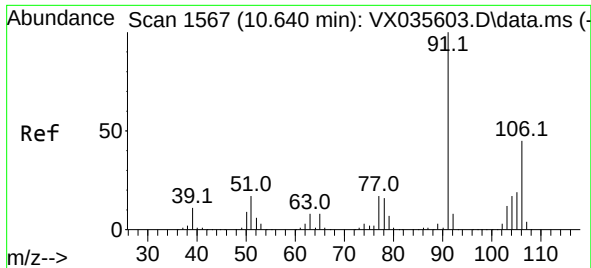
Delta R.T. 0.006 min

Lab File: VX035742.D

Acq: 18 May 2023 15:10

Tgt Ion:106 Resp: 3818
 Ion Ratio Lower Upper
 106 100
 91 207.0 164.0 246.0





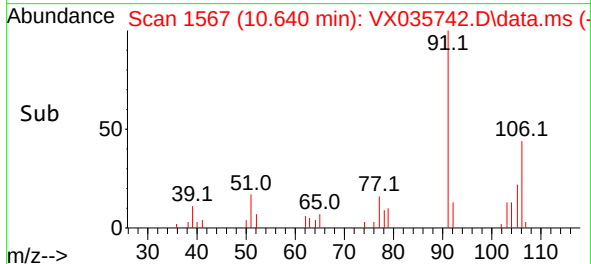
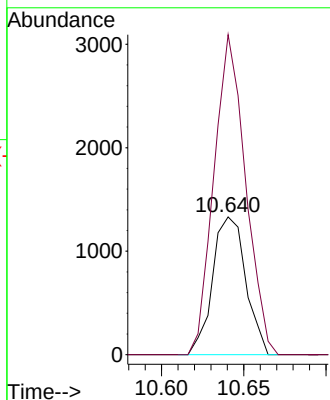
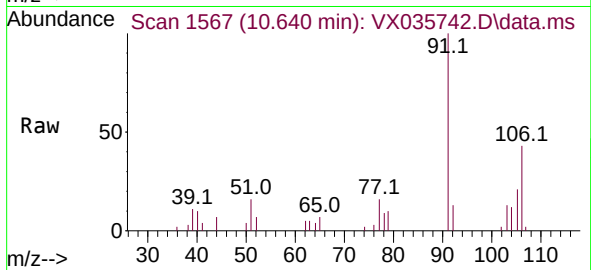
#69
o-Xylene
Concen: 0.671 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX035742.D
Acq: 18 May 2023 15:10

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2023

Tgt Ion:106 Resp: 1870
Ion Ratio Lower Upper
106 100
91 221.8 108.5 325.3

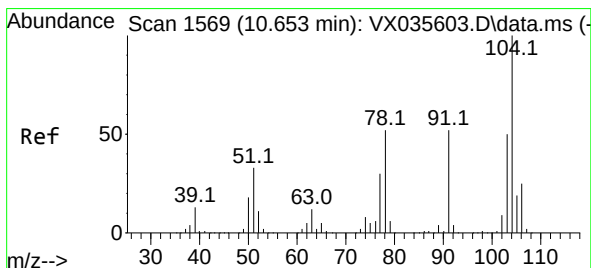
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



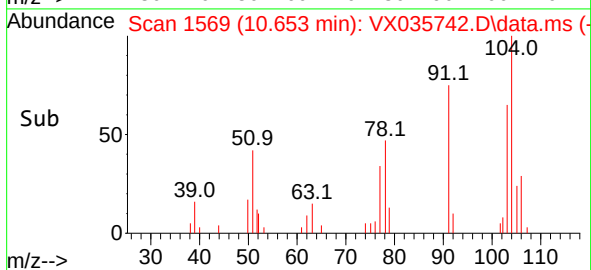
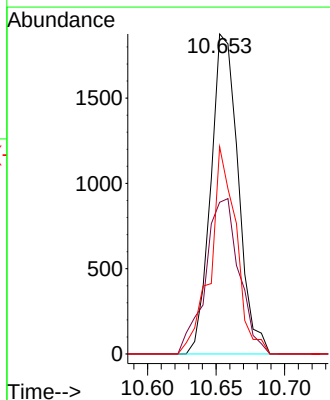
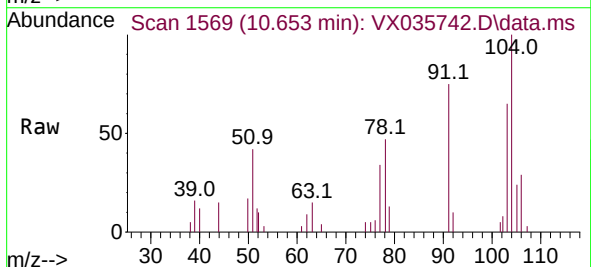
05/19/2023
Supervised By :Mahesh
Dadoda

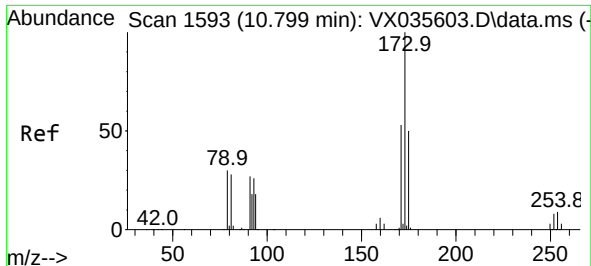
05/19/2023



#70
Styrene
Concen: 0.582 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX035742.D
Acq: 18 May 2023 15:10

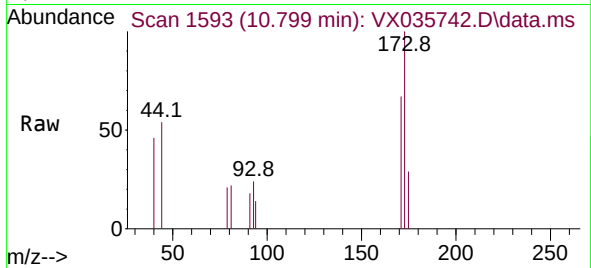
Tgt Ion:104 Resp: 2613
Ion Ratio Lower Upper
104 100
78 59.5 43.4 65.2
103 60.8 44.2 66.2





#71
Bromoform
Concen: 0.491 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX035742.D
Acq: 18 May 2023 15:10

Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2023



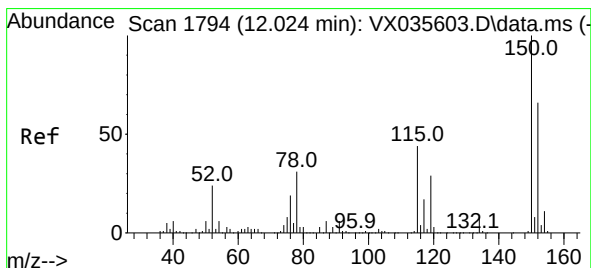
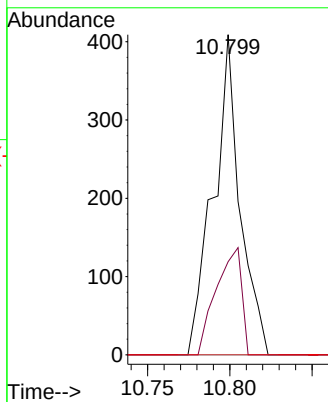
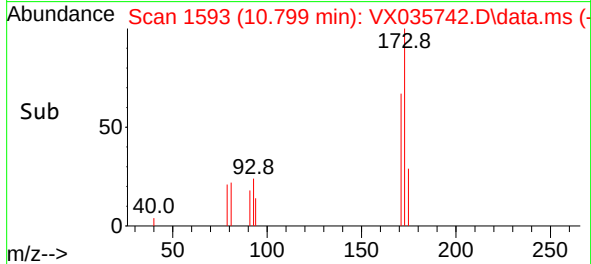
Tgt Ion:173 Resp: 461
Ion Ratio Lower Upper
173 100
175 31.9 24.1 72.4
254 0.0 0.1 0.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023

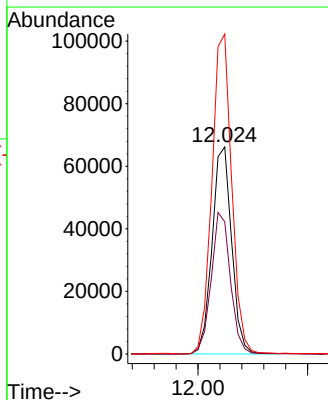
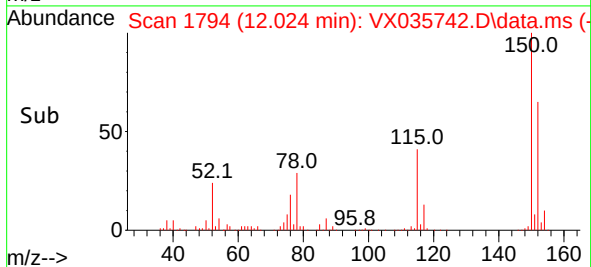
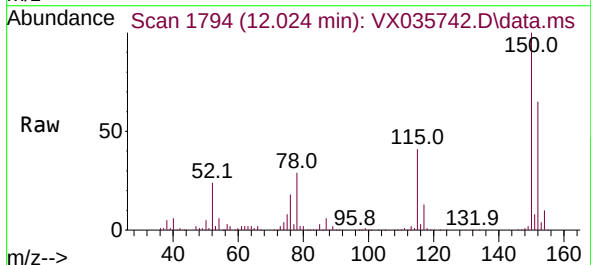
05/19/2023
Supervised By :Mahesh
Dadoda

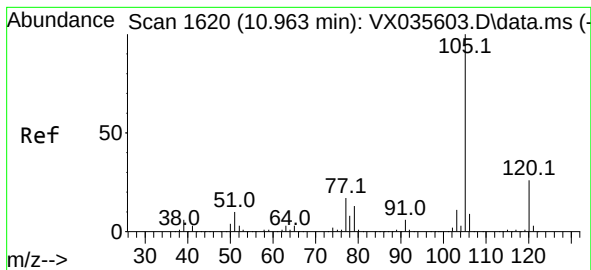
05/19/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035742.D
Acq: 18 May 2023 15:10

Tgt Ion:152 Resp: 81947
Ion Ratio Lower Upper
152 100
115 67.2 45.0 135.0
150 157.0 0.0 352.4





#73

Isopropylbenzene

Concen: 0.655 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. 0.001 min

Lab File: VX035742.D

Acq: 18 May 2023 15:10

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2023

Tgt Ion:105 Resp: 4520
 Ion Ratio Lower Upper
 105 100
 120 25.7 13.3 39.9

Manual Integrations

APPROVED

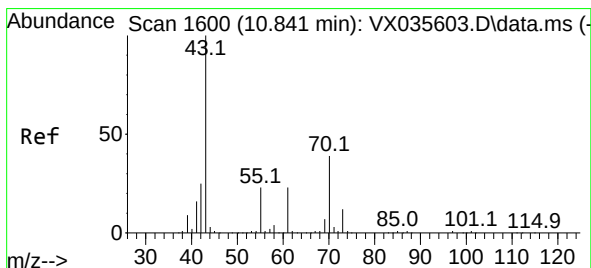
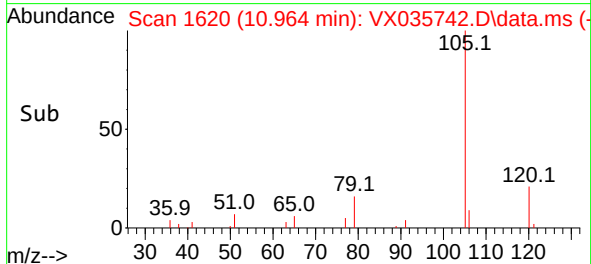
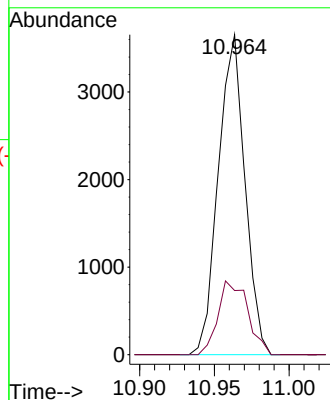
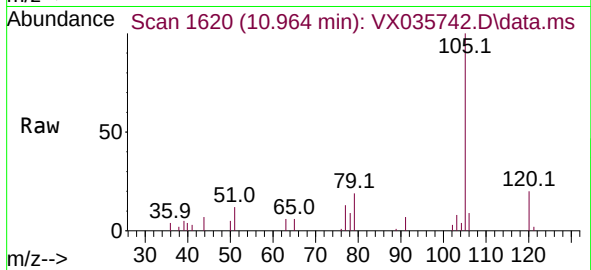
Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023

05/19/2023

Supervised By :Mahesh
Dadoda

05/19/2023



#74

N-ethyl acetate

Concen: 0.581 ug/l

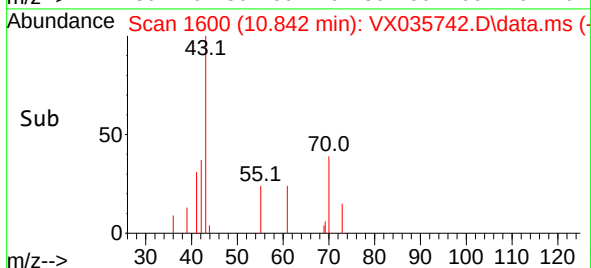
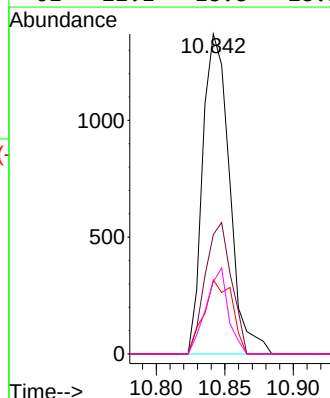
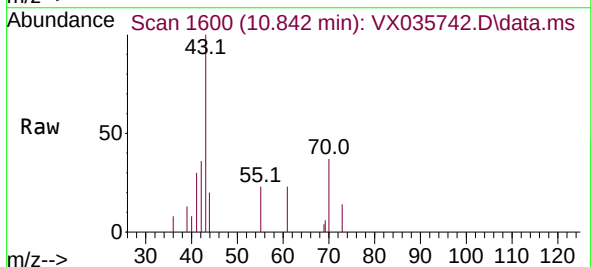
RT: 10.842 min Scan# 1600

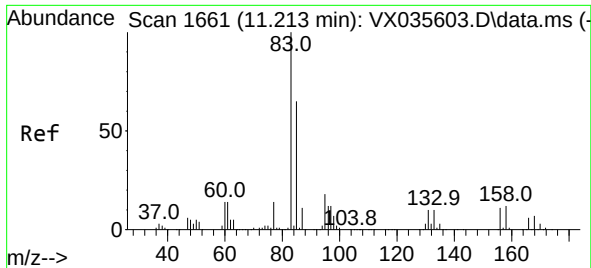
Delta R.T. 0.001 min

Lab File: VX035742.D

Acq: 18 May 2023 15:10

Tgt Ion: 43 Resp: 1870
 Ion Ratio Lower Upper
 43 100
 70 40.1 32.1 48.1
 55 24.3 18.3 27.5
 61 22.1 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 0.767 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX035742.D
Acq: 18 May 2023 15:10

Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2023

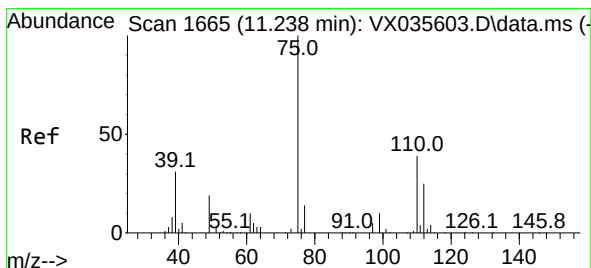
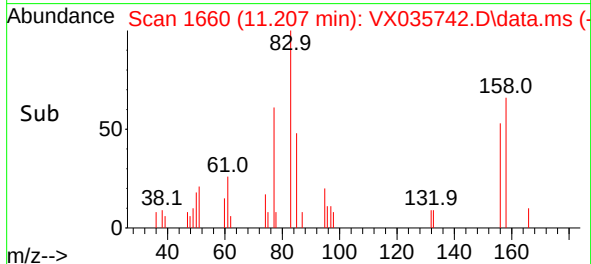
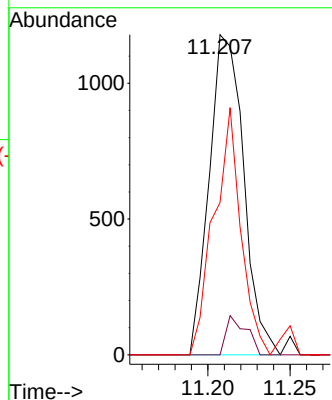
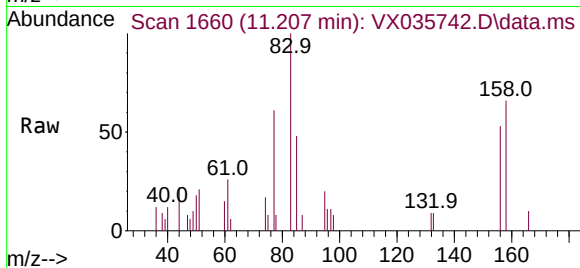
Tgt Ion: 83 Resp: 171
Ion Ratio Lower Upper
83 100
131 7.1 4.8 14.3
85 60.2 32.0 96.0

Manual Integrations
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Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023

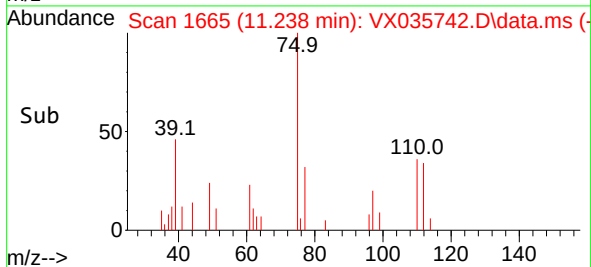
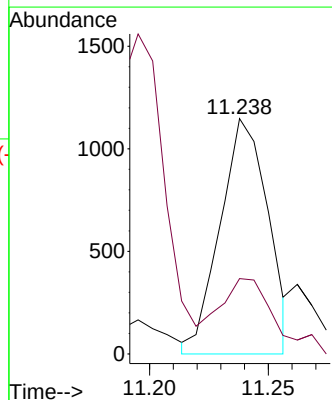
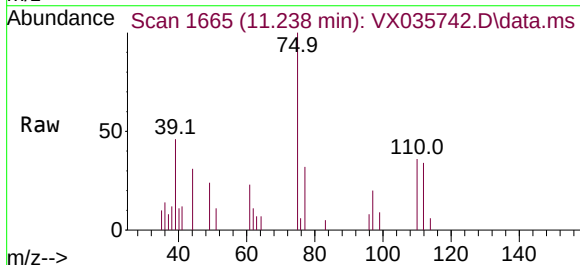
05/19/2023
Supervised By :Mahesh
Dadoda

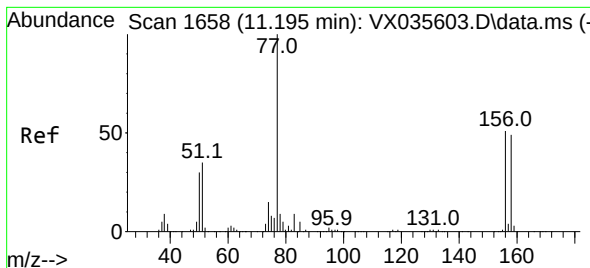
05/19/2023



#76
1,2,3-Trichloropropane
Concen: 0.802 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX035742.D
Acq: 18 May 2023 15:10

Tgt Ion: 75 Resp: 1607
Ion Ratio Lower Upper
75 100
77 37.6 21.6 64.8





#77

Bromobenzene

Concen: 0.793 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX035742.D

Acq: 18 May 2023 15:10

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2023

Tgt Ion:	156	Resp:	124
Ion Ratio	Lower	Upper	
156	100		
77	177.9	86.7	259.9
158	102.5	48.0	144.0

Manual Integrations

APPROVED

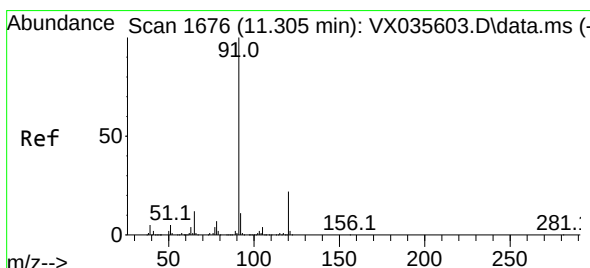
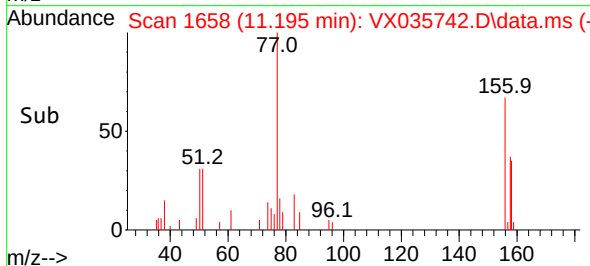
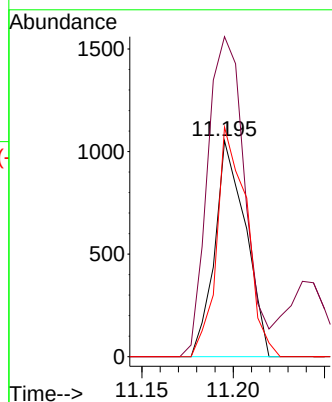
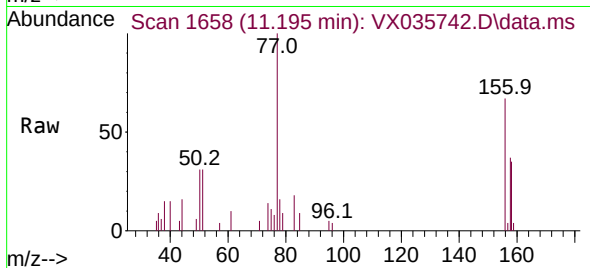
Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023

05/19/2023

Supervised By :Mahesh
Dadoda

05/19/2023



#78

n-propylbenzene

Concen: 0.672 ug/l

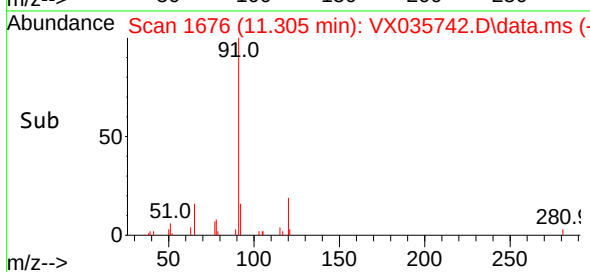
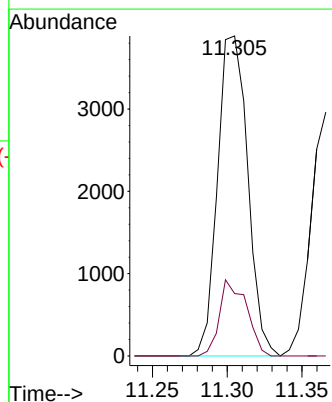
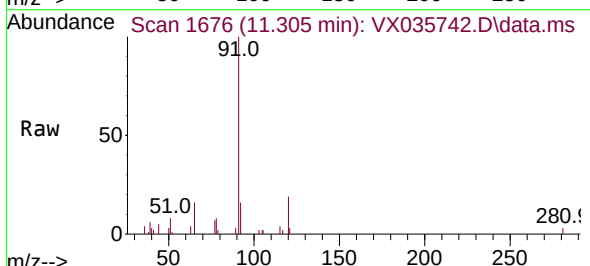
RT: 11.305 min Scan# 1676

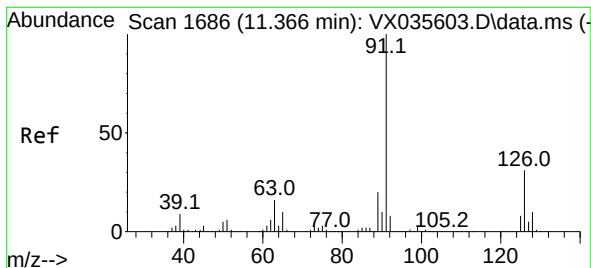
Delta R.T. -0.000 min

Lab File: VX035742.D

Acq: 18 May 2023 15:10

Tgt Ion:	91	Resp:	5455
Ion Ratio	Lower	Upper	
91	100		
120	21.3	11.5	34.5





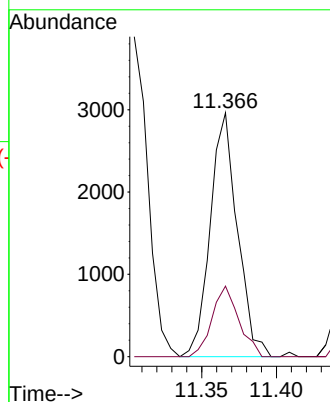
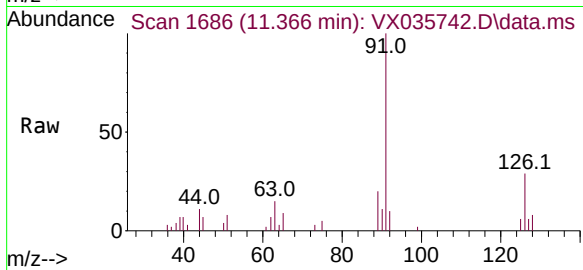
#79
2-Chlorotoluene
Concen: 0.736 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX035742.D
Acq: 18 May 2023 15:10

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2023

Tgt Ion: 91 Resp: 374
Ion Ratio Lower Upper
91 100
126 28.4 16.3 48.9

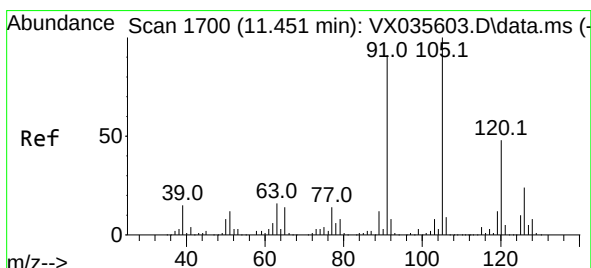
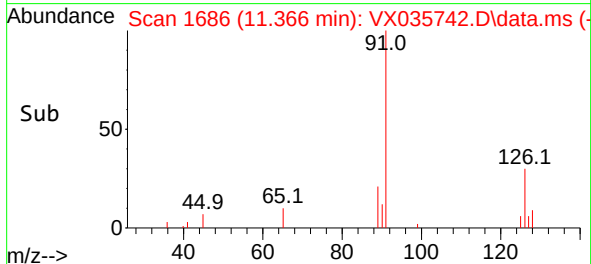
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



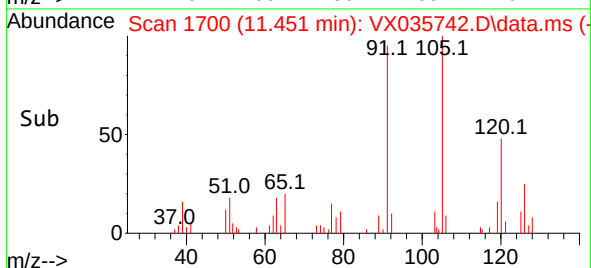
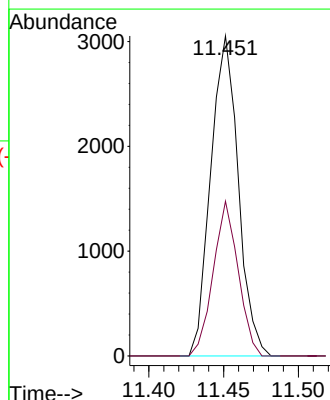
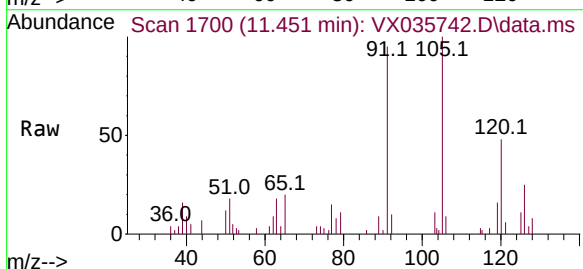
05/19/2023
Supervised By :Mahesh
Dadoda

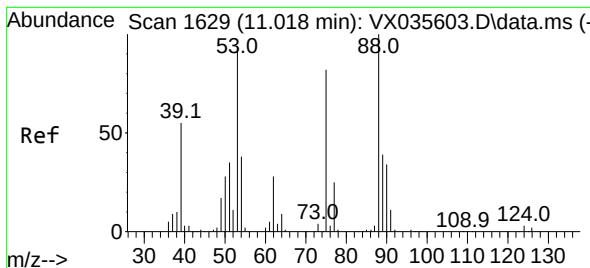
05/19/2023



#80
1,3,5-Trimethylbenzene
Concen: 0.666 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035742.D
Acq: 18 May 2023 15:10

Tgt Ion:105 Resp: 3906
Ion Ratio Lower Upper
105 100
120 43.8 23.7 71.1





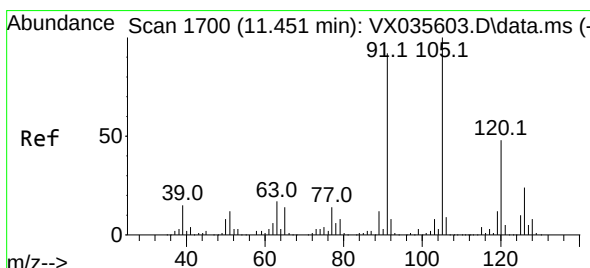
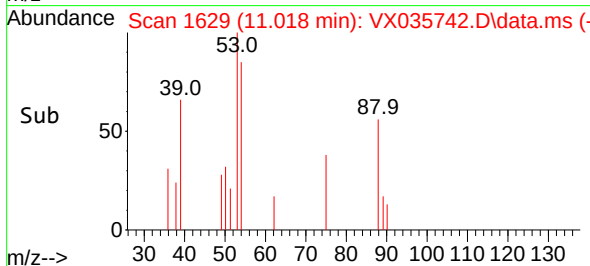
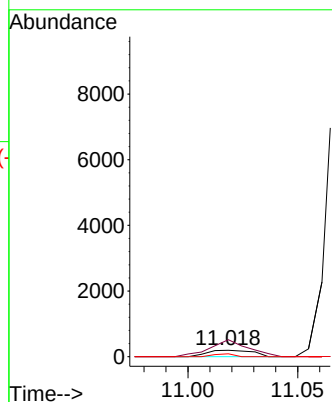
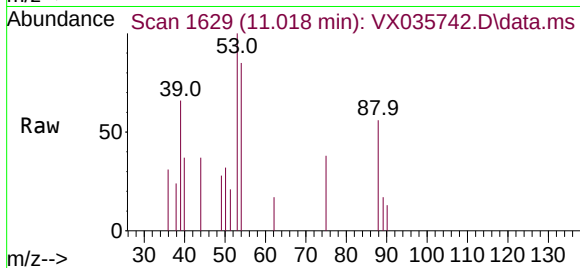
#81
trans-1,4-Dichloro-2-butene
Concen: 0.453 ug/l m
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX035742.D
Acq: 18 May 2023 15:10

Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2023

Tgt Ion: 75 Resp: 282
Ion Ratio Lower Upper
75 100
53 6.7 82.6 124.0
89 0.0 36.9 55.3

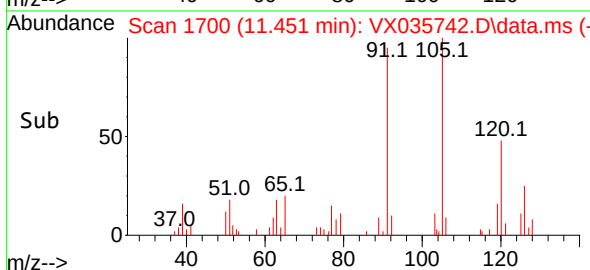
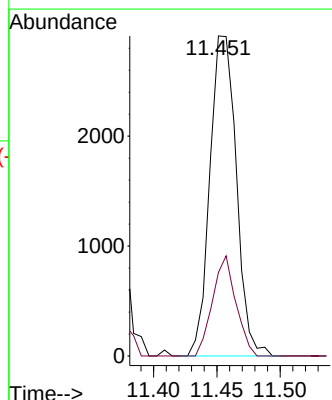
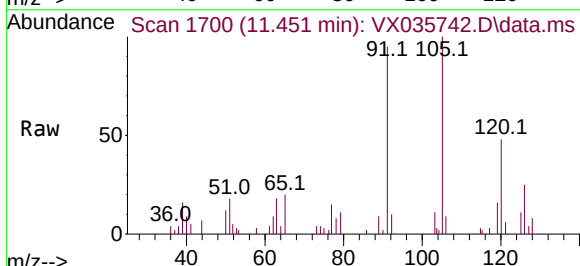
Manual Integrations
APPROVED

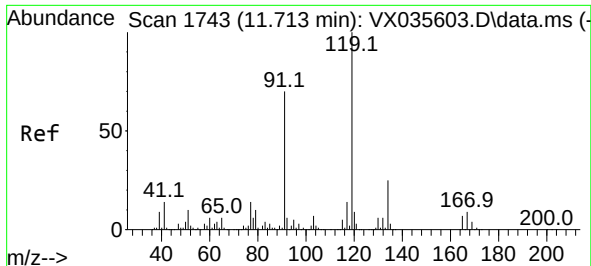
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#82
4-Chlorotoluene
Concen: 0.725 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035742.D
Acq: 18 May 2023 15:10

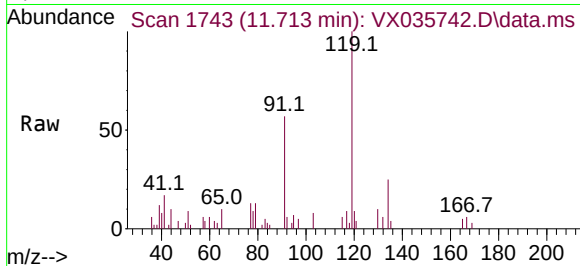
Tgt Ion: 91 Resp: 4244
Ion Ratio Lower Upper
91 100
126 27.5 14.2 42.6





#83
tert-Butylbenzene
Concen: 0.677 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX035742.D
Acq: 18 May 2023 15:10

Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2023



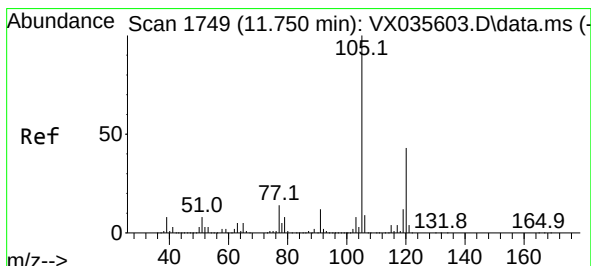
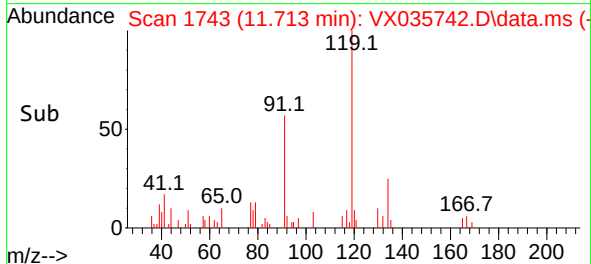
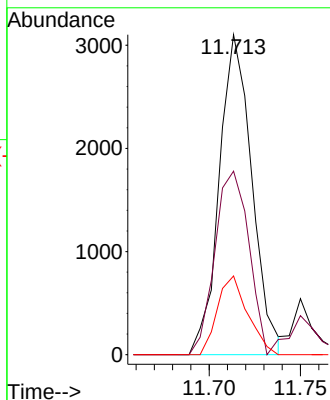
Tgt Ion:119 Resp: 3862
Ion Ratio Lower Upper
119 100
91 60.8 30.6 92.0
134 22.8 11.8 35.4

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023

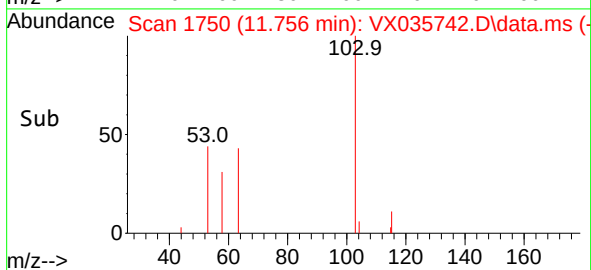
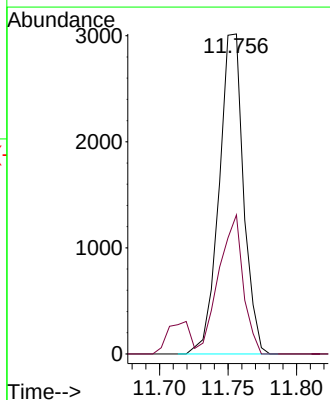
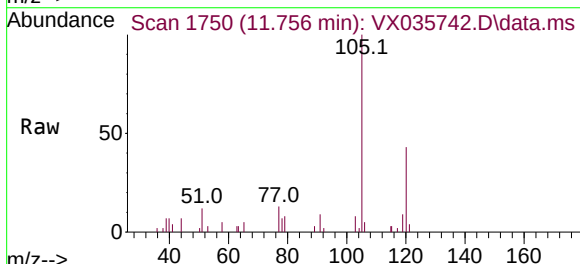
05/19/2023
Supervised By :Mahesh
Dadoda

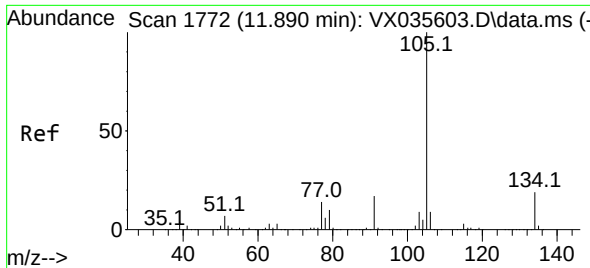
05/19/2023



#84
1,2,4-Trimethylbenzene
Concen: 0.635 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX035742.D
Acq: 18 May 2023 15:10

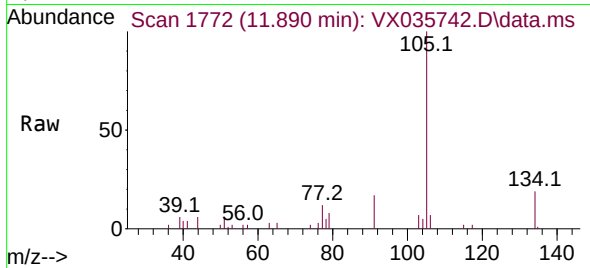
Tgt Ion:105 Resp: 3743
Ion Ratio Lower Upper
105 100
120 43.3 22.4 67.0





#85
 sec-Butylbenzene
 Concen: 0.663 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX035742.D
 Acq: 18 May 2023 15:10

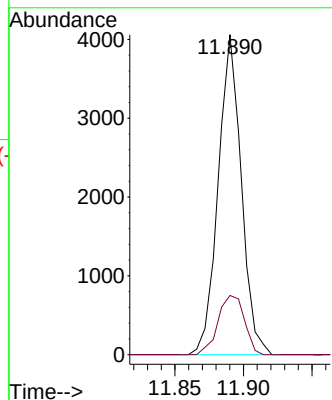
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT2-2023



Tgt Ion:105 Resp: 4740
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.2 30.4

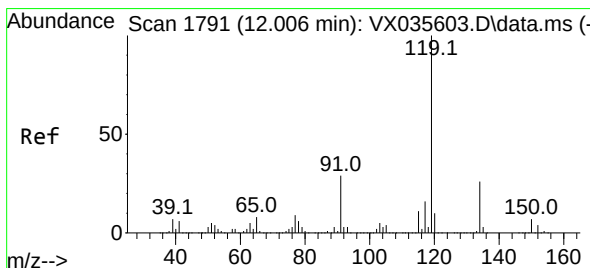
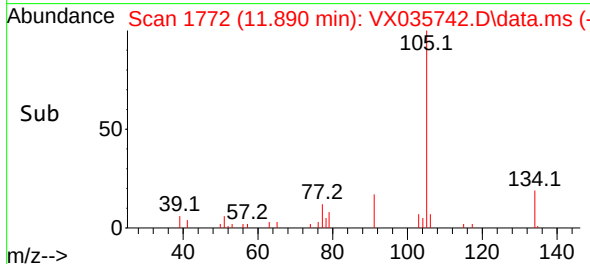
Manual Integrations
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Reviewed By :John Carlone 05/19/2023
 Supervised By :Mahesh Dadoda 05/19/2023



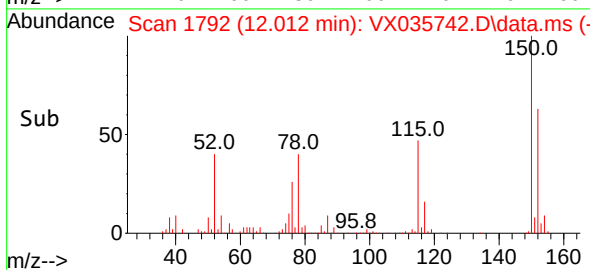
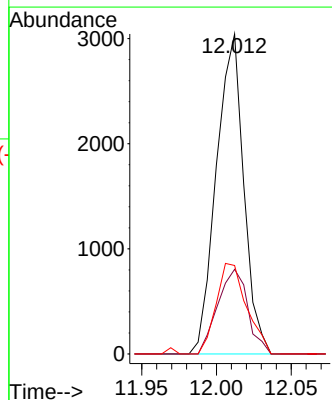
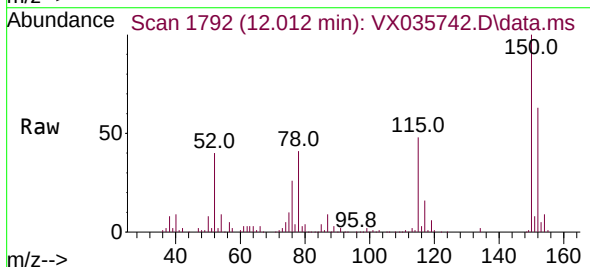
05/19/2023
 Supervised By :Mahesh
 Dadoda

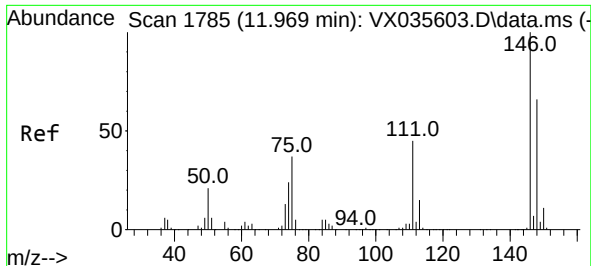
05/19/2023



#86
 p-Isopropyltoluene
 Concen: 0.658 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX035742.D
 Acq: 18 May 2023 15:10

Tgt Ion:119 Resp: 3872
 Ion Ratio Lower Upper
 119 100
 134 28.9 13.2 39.5
 91 31.6 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 0.750 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX035742.D

Acq: 18 May 2023 15:10

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2023

Tgt Ion:146	Resp:	223
Ion Ratio	Lower	Upper
146	100	
111	44.6	20.9 62.8
148	64.8	31.6 95.0

Manual Integrations

APPROVED

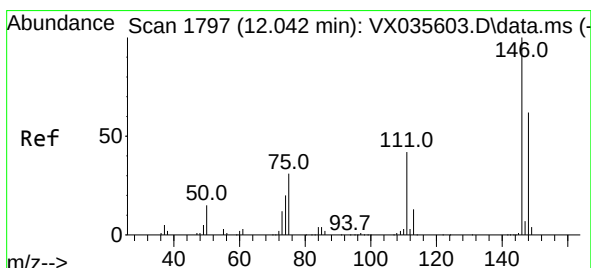
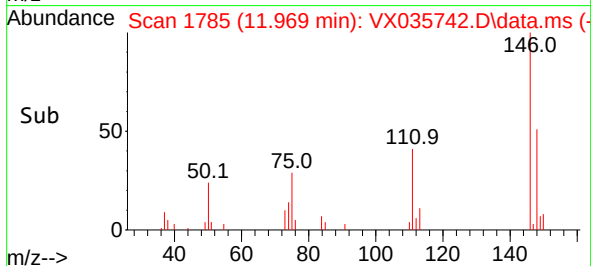
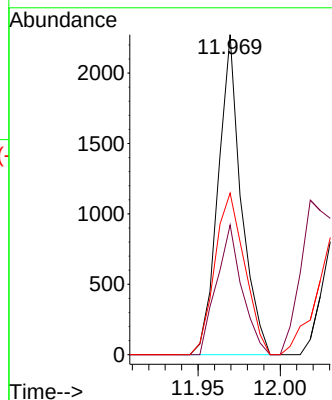
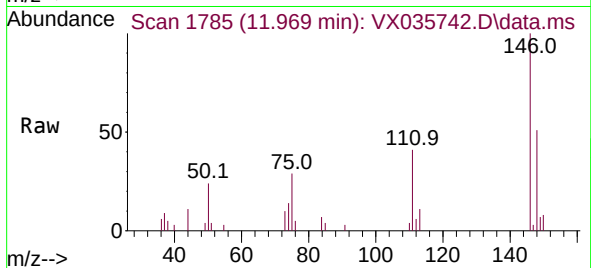
Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023

05/19/2023

Supervised By :Mahesh
Dadoda

05/19/2023



#88

1,4-Dichlorobenzene

Concen: 0.829 ug/l m

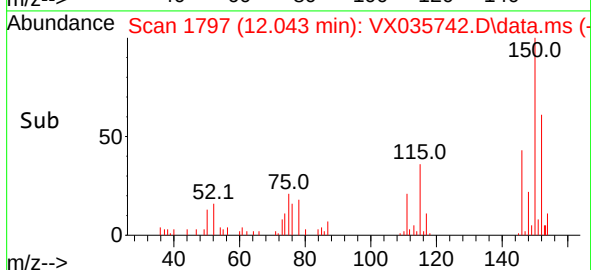
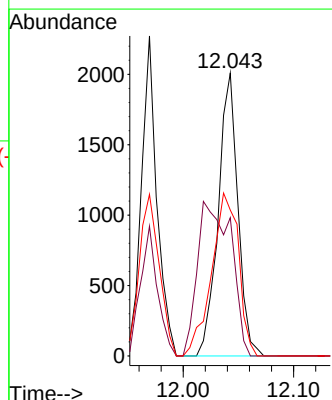
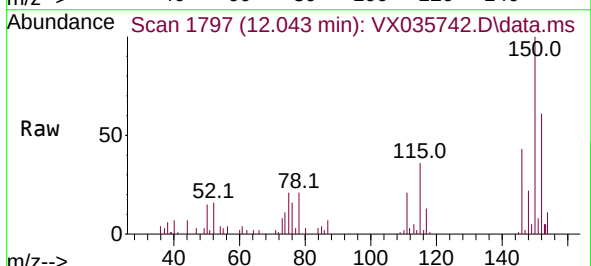
RT: 12.043 min Scan# 1797

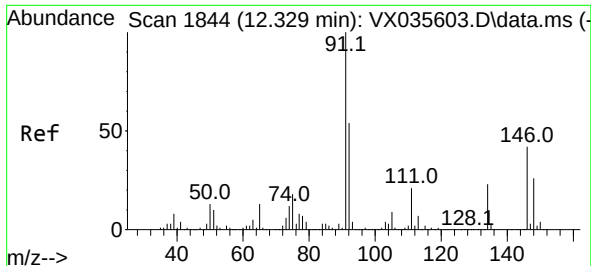
Delta R.T. 0.001 min

Lab File: VX035742.D

Acq: 18 May 2023 15:10

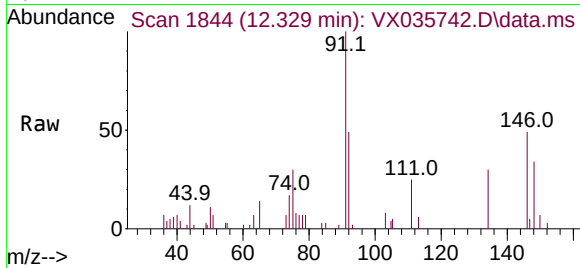
Tgt Ion:146	Resp:	2491
Ion Ratio	Lower	Upper
146	100	
111	39.9	20.6 61.9
148	58.1	31.8 95.4





#89
n-Butylbenzene
Concen: 0.630 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX035742.D
Acq: 18 May 2023 15:10

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2023



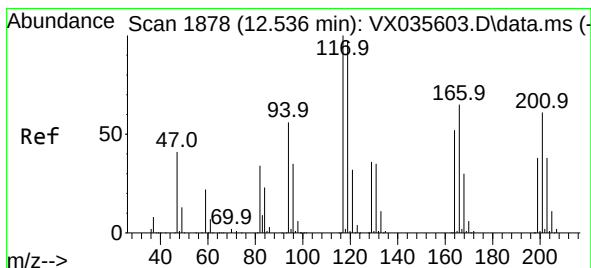
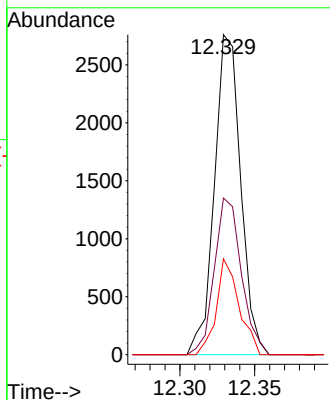
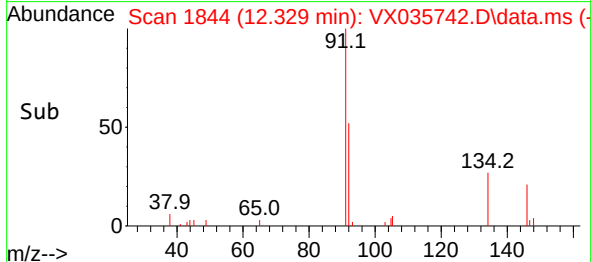
Tgt Ion: 91 Resp: 3374
Ion Ratio Lower Upper
91 100
92 50.4 27.7 83.0
134 25.9 13.0 38.9

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023

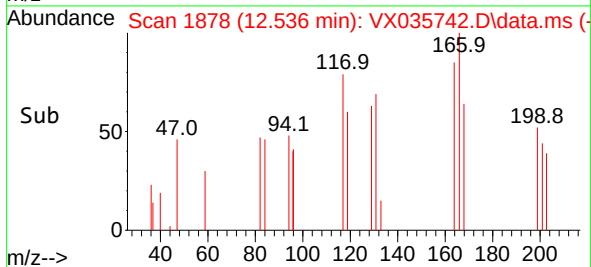
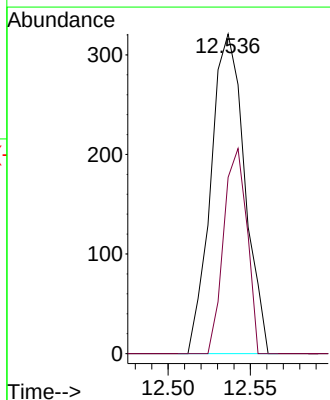
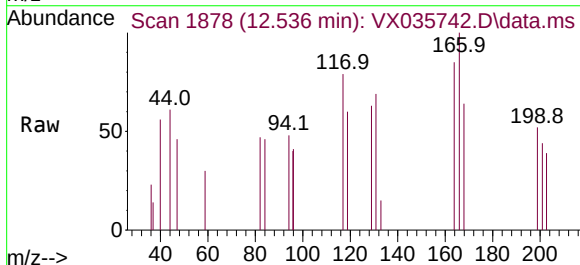
05/19/2023
Supervised By :Mahesh
Dadoda

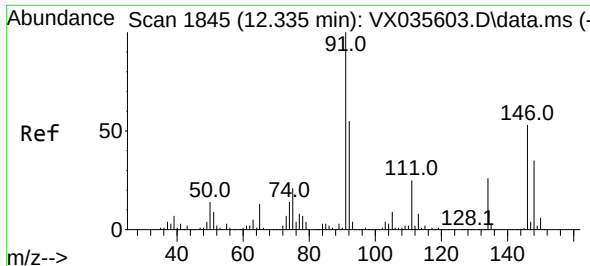
05/19/2023



#90
Hexachloroethane
Concen: 0.515 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX035742.D
Acq: 18 May 2023 15:10

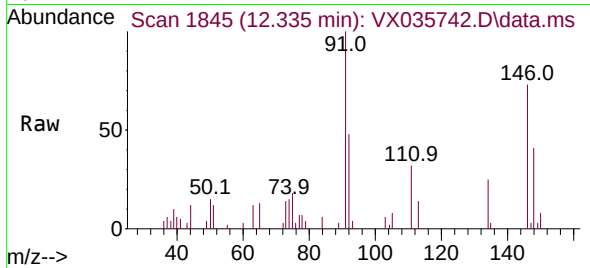
Tgt Ion:117 Resp: 460
Ion Ratio Lower Upper
117 100
201 44.1 34.4 103.1





#91
1,2-Dichlorobenzene
Concen: 0.758 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035742.D
Acq: 18 May 2023 15:10

Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2023



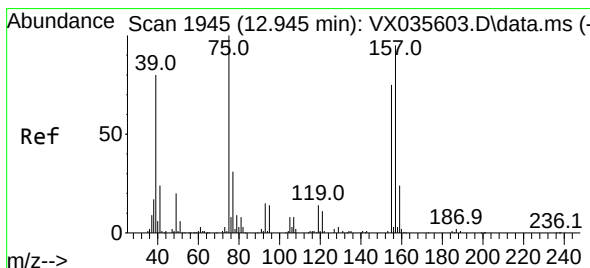
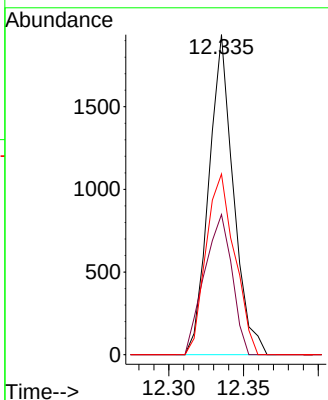
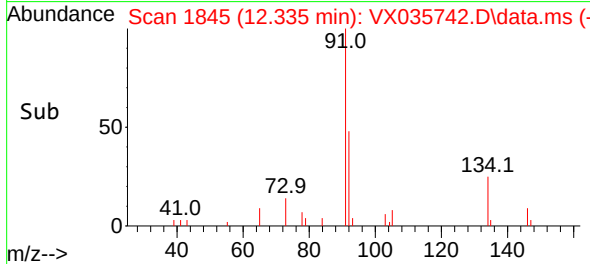
Tgt Ion:146 Resp: 2210
Ion Ratio Lower Upper
146 100
111 49.3 22.0 66.0
148 65.9 32.0 96.0

Manual Integrations
APPROVED

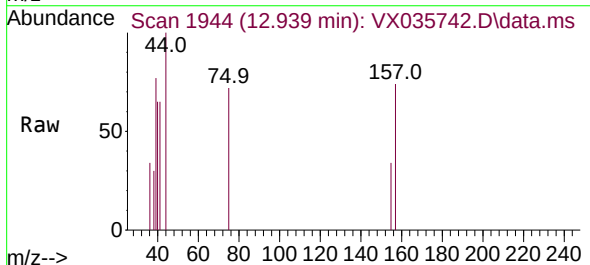
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023

05/19/2023
Supervised By :Mahesh
Dadoda

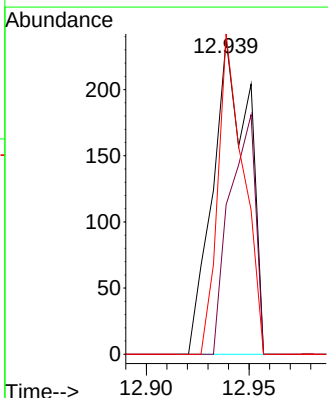
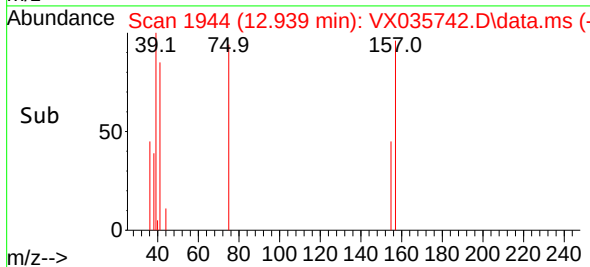
05/19/2023

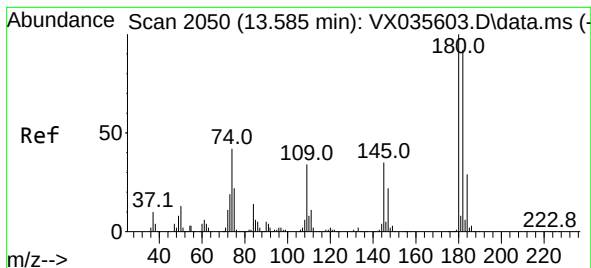


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.579 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX035742.D
Acq: 18 May 2023 15:10



Tgt Ion: 75 Resp: 289
Ion Ratio Lower Upper
75 100
155 55.4 38.4 115.1
157 73.0 49.9 149.7





#93

1,2,4-Trichlorobenzene

Concen: 0.718 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX035742.D

Acq: 18 May 2023 15:10

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2023

Tgt Ion:180	Resp:	1260
Ion Ratio	Lower	Upper
180	100	
182	94.8	47.0 141.0
145	49.8	15.9 47.7

Manual Integrations

APPROVED

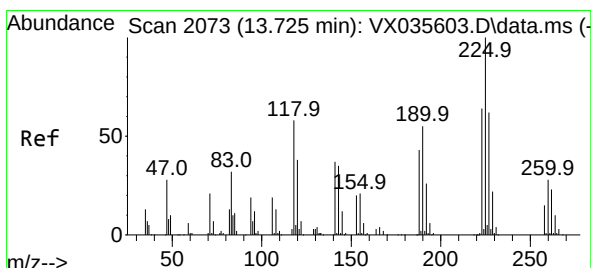
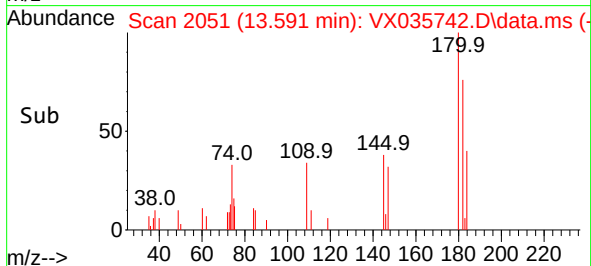
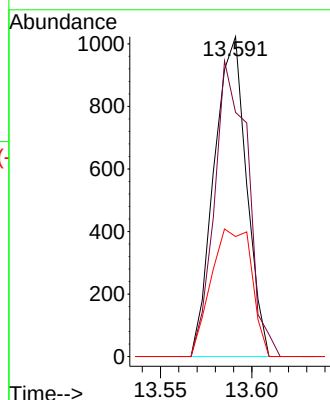
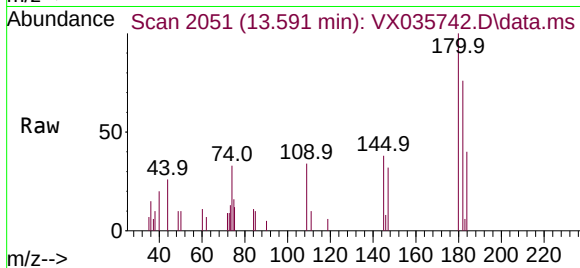
Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023

05/19/2023

Supervised By :Mahesh
Dadoda

05/19/2023



#94

Hexachlorobutadiene

Concen: 0.974 ug/l

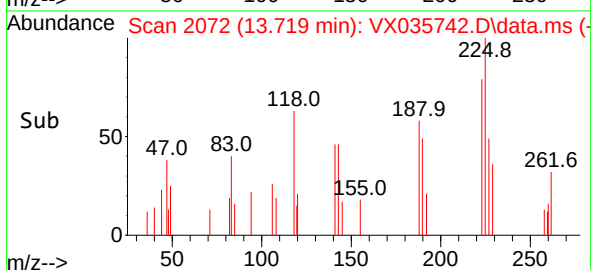
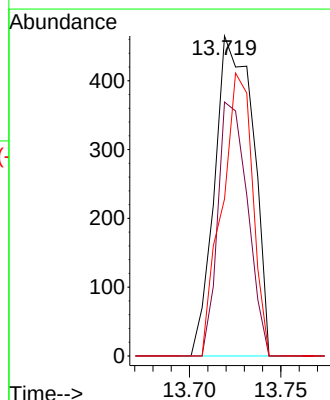
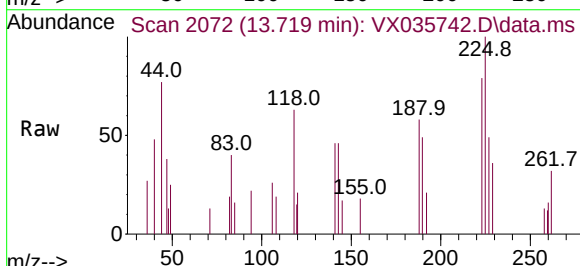
RT: 13.719 min Scan# 2072

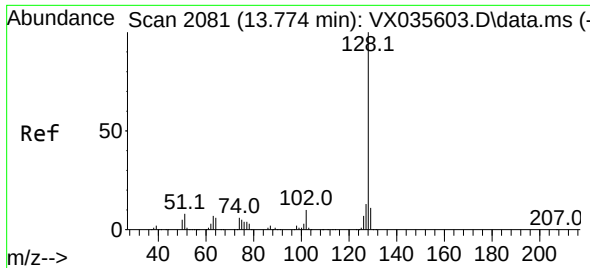
Delta R.T. -0.006 min

Lab File: VX035742.D

Acq: 18 May 2023 15:10

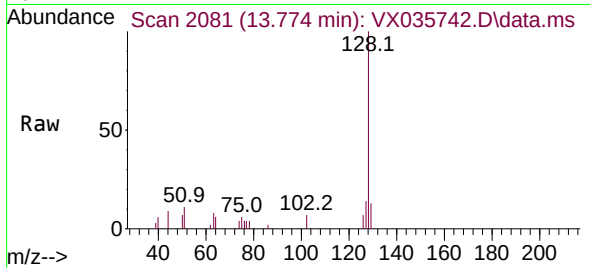
Tgt Ion:225	Resp:	679
Ion Ratio	Lower	Upper
225	100	
223	61.6	32.1 96.5
227	70.5	31.8 95.4





#95
Naphthalene
Concen: 0.676 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX035742.D
Acq: 18 May 2023 15:10

Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2023



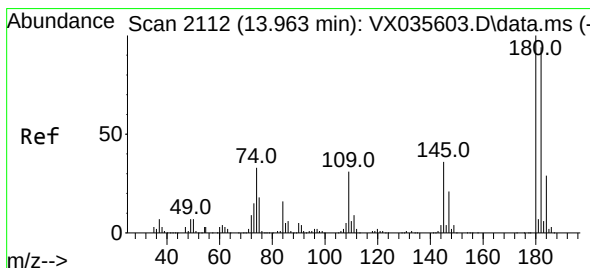
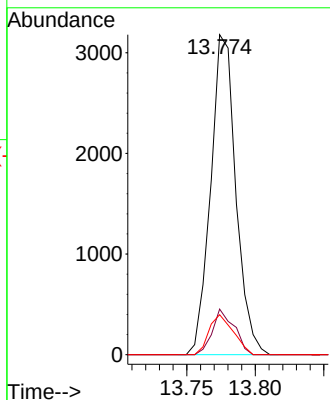
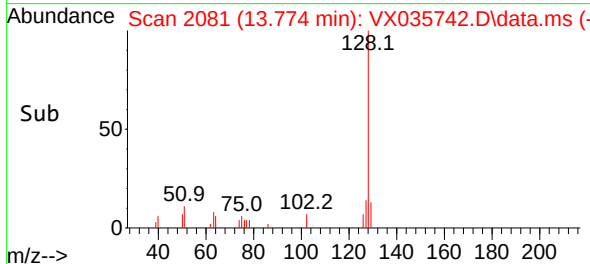
Tgt Ion:128 Resp: 4060
Ion Ratio Lower Upper
128 100
127 12.3 10.2 15.4
129 12.1 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023

05/19/2023
Supervised By :Mahesh
Dadoda

05/19/2023



#96
1,2,3-Trichlorobenzene
Concen: 0.725 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX035742.D
Acq: 18 May 2023 15:10

Tgt Ion:180 Resp: 1251
Ion Ratio Lower Upper
180 100
182 107.5 48.0 144.2
145 38.4 17.7 53.1

