

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051823\
 Data File : VX035744.D
 Acq On : 18 May 2023 15:56
 Operator : JC/MD
 Sample : 02213-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT2-2023

Quant Time: May 19 06:26:14 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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 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	149000	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	283544	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	248020	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	105960	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	160829	61.873	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 123.740%#	
35) Dibromofluoromethane	5.385	113	100825	52.727	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.460%	
50) Toluene-d8	8.647	98	369103	52.250	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 104.500%	
62) 4-Bromofluorobenzene	11.079	95	144943	50.958	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.920%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	396	0.204	ug/l	89
3) Chloromethane	1.294	50	778	0.330	ug/l #	84
4) Vinyl Chloride	1.373	62	619	0.310	ug/l #	87
5) Bromomethane	1.617	94	492	0.454	ug/l #	76
6) Chloroethane	1.690	64	438	0.361	ug/l	93
7) Trichlorofluoromethane	1.892	101	759	0.258	ug/l #	73
8) Diethyl Ether	2.142	74	296	0.261	ug/l #	39
9) 1,1,2-Trichlorotrifluo...	2.325	101	369	0.211	ug/l #	88
10) Methyl Iodide	2.459	142	595	0.381	ug/l #	82
11) Tert butyl alcohol	3.026	59	539m	1.175	ug/l	
12) 1,1-Dichloroethene	2.318	96	424	0.256	ug/l #	69
13) Acrolein	2.239	56	611	1.123	ug/l	85
14) Allyl chloride	2.672	41	1035	0.291	ug/l #	84
15) Acrylonitrile	3.068	53	1447	1.433	ug/l	95
16) Acetone	2.404	43	2629	2.353	ug/l	93
17) Carbon Disulfide	2.513	76	1286	0.321	ug/l	95
18) Methyl Acetate	2.709	43	1245	0.302	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	1807	0.274	ug/l	91
20) Methylene Chloride	2.788	84	1430	0.706	ug/l	85
21) trans-1,2-Dichloroethene	3.093	96	577	0.317	ug/l	88
22) Diisopropyl ether	3.757	45	2085	0.300	ug/l #	86
23) Vinyl Acetate	3.727	43	6227	1.264	ug/l #	94
24) 1,1-Dichloroethane	3.599	63	1005	0.270	ug/l #	81
25) 2-Butanone	4.580	43	2486	1.607	ug/l	96
26) 2,2-Dichloropropane	4.470	77	690	0.219	ug/l #	74
27) cis-1,2-Dichloroethene	4.489	96	583	0.267	ug/l	72
28) Bromochloromethane	4.903	49	334	0.199	ug/l #	79
29) Tetrahydrofuran	5.037	42	1787	1.838	ug/l #	82
30) Chloroform	5.092	83	1127	0.295	ug/l	99
31) Cyclohexane	5.470	56	513	0.156	ug/l	86
32) 1,1,1-Trichloroethane	5.391	97	780m	0.235	ug/l	
36) 1,1-Dichloropropene	5.696	75	699	0.232	ug/l #	85
37) Ethyl Acetate	4.720	43	1035m	0.329	ug/l	
38) Carbon Tetrachloride	5.671	117	563	0.197	ug/l #	80
39) Methylcyclohexane	7.378	83	785	0.221	ug/l #	59
40) Benzene	6.043	78	2454	0.291	ug/l #	76

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	4.946	41	548m	0.293	ug/l		05/19/2023
42) 1,2-Dichloroethane	6.080	62	1179	0.325	ug/l #	75	
43) Isopropyl Acetate	6.336	43	1456	0.265	ug/l #	73	
44) Trichloroethene	7.141	130	603	0.282	ug/l	50	
45) 1,2-Dichloropropane	7.427	63	575	0.257	ug/l	91	
46) Dibromomethane	7.580	93	374	0.244	ug/l #	81	
47) Bromodichloromethane	7.811	83	595	0.201	ug/l #	70	
48) Methyl methacrylate	7.695	41	702	0.259	ug/l #	75	
49) 1,4-Dioxane	7.732	88	435m	7.472	ug/l		
51) 4-Methyl-2-Pentanone	8.573	43	4010	1.268	ug/l	100	
52) Toluene	8.714	92	1382	0.259	ug/l	87	
53) t-1,3-Dichloropropene	8.988	75	707	0.220	ug/l #	43	
54) cis-1,3-Dichloropropene	8.366	75	664	0.193	ug/l #	80	
55) 1,1,2-Trichloroethane	9.146	97	436	0.208	ug/l	94	
56) Ethyl methacrylate	9.116	69	775	0.229	ug/l #	92	
57) 1,3-Dichloropropane	9.305	76	977	0.257	ug/l	98	
58) 2-Chloroethyl Vinyl ether	8.244	63	2157	1.251	ug/l	99	
59) 2-Hexanone	9.439	43	2873	1.206	ug/l	93	
60) Dibromochloromethane	9.524	129	348	0.174	ug/l	95	
61) 1,2-Dibromoethane	9.616	107	543	0.246	ug/l #	77	
64) Tetrachloroethene	9.268	164	485	0.290	ug/l #	74	
65) Chlorobenzene	10.073	112	1705	0.315	ug/l	97	
66) 1,1,1,2-Tetrachloroethane	10.171	131	428	0.224	ug/l #	66	
67) Ethyl Benzene	10.189	91	2825	0.277	ug/l #	75	
68) m/p-Xylenes	10.299	106	1832	0.487	ug/l	98	
69) o-Xylene	10.640	106	925	0.248	ug/l	86	
70) Styrene	10.658	104	1373	0.228	ug/l	94	
71) Bromoform	10.799	173	229	0.182	ug/l #	29	
73) Isopropylbenzene	10.963	105	2468	0.276	ug/l	99	
74) N-amyl acetate	10.847	43	985	0.237	ug/l #	81	
75) 1,1,2,2-Tetrachloroethane	11.213	83	848	0.293	ug/l #	93	
76) 1,2,3-Trichloropropane	11.238	75	906m	0.350	ug/l		
77) Bromobenzene	11.201	156	640	0.316	ug/l	96	
78) n-propylbenzene	11.305	91	2928	0.279	ug/l	99	
79) 2-Chlorotoluene	11.366	91	1866	0.284	ug/l	93	
80) 1,3,5-Trimethylbenzene	11.445	105	1881	0.248	ug/l	95	
82) 4-Chlorotoluene	11.451	91	2262	0.299	ug/l	96	
83) tert-Butylbenzene	11.713	119	1978	0.268	ug/l	95	
84) 1,2,4-Trimethylbenzene	11.756	105	2108	0.277	ug/l	100	
85) sec-Butylbenzene	11.890	105	2203	0.238	ug/l	91	
86) p-Isopropyltoluene	12.012	119	1730	0.227	ug/l #	61	
87) 1,3-Dichlorobenzene	11.969	146	1284	0.334	ug/l	93	
88) 1,4-Dichlorobenzene	12.036	146	1497m	0.385	ug/l		
89) n-Butylbenzene	12.329	91	1899	0.274	ug/l	98	
90) Hexachloroethane	12.536	117	215	0.186	ug/l	78	
91) 1,2-Dichlorobenzene	12.335	146	1070	0.284	ug/l	96	
92) 1,2-Dibromo-3-Chloropr...	12.938	75	119	0.185	ug/l #	35	
93) 1,2,4-Trichlorobenzene	13.591	180	745	0.328	ug/l	83	
94) Hexachlorobutadiene	13.725	225	347	0.385	ug/l	83	
95) Naphthalene	13.780	128	2469	0.318	ug/l #	92	
96) 1,2,3-Trichlorobenzene	13.963	180	852	0.382	ug/l	92	

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Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2023

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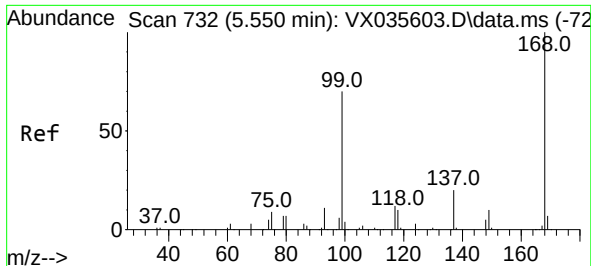
Reviewed By :John Carlone 05/19/2023
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Dadoda

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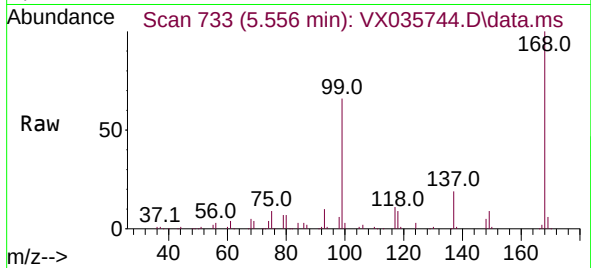
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
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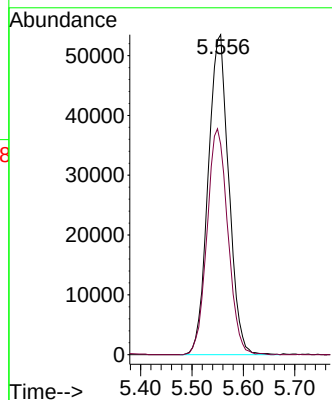
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2023



Tgt Ion:168 Resp: 149000
Ion Ratio Lower Upper
168 100
99 65.8 45.7 68.5

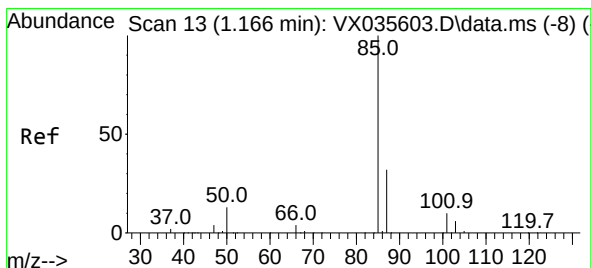
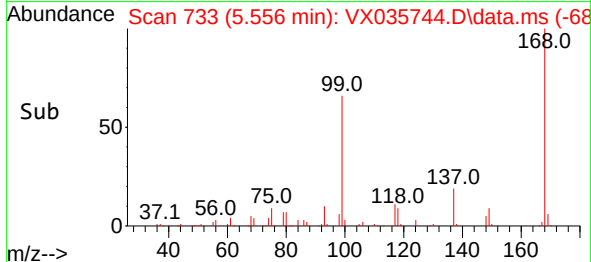
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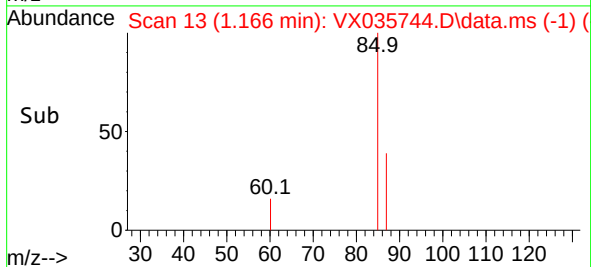
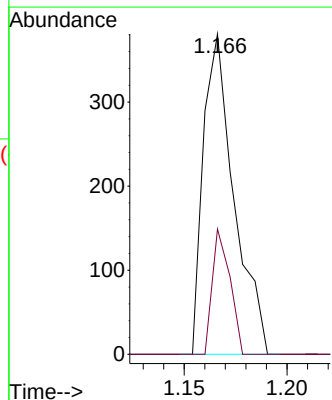
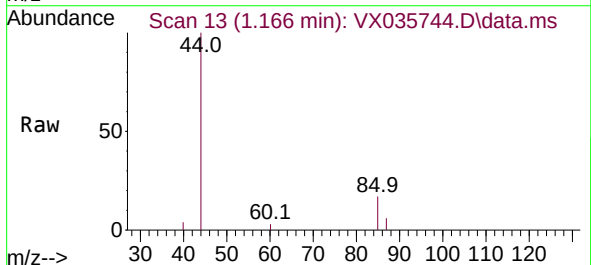
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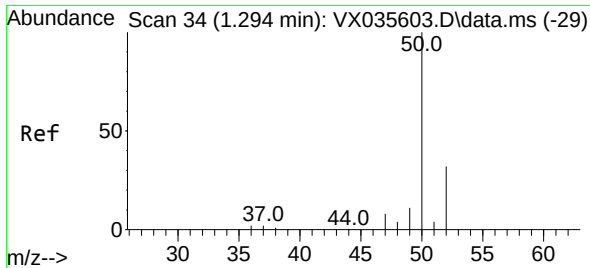
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#2
Dichlorodifluoromethane
Concen: 0.204 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX035744.D
Acq: 18 May 2023 15:56

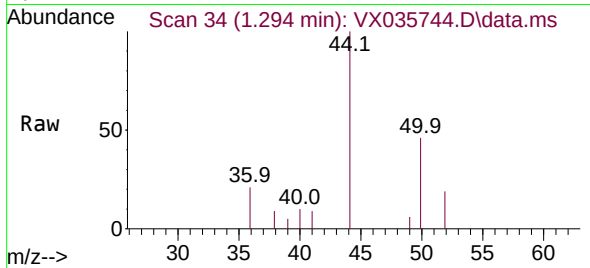
Tgt Ion: 85 Resp: 396
Ion Ratio Lower Upper
85 100
87 39.1 16.4 49.1





#3
Chloromethane
Concen: 0.330 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX035744.D
Acq: 18 May 2023 15:56

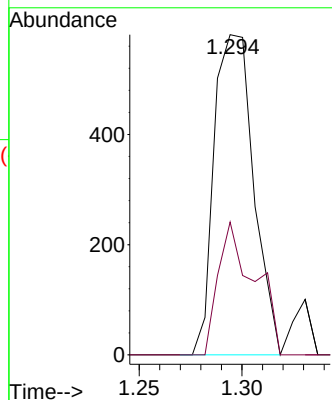
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2023



Tgt Ion: 50 Resp: 778
Ion Ratio Lower Upper
50 100
52 41.5 25.9 38.9

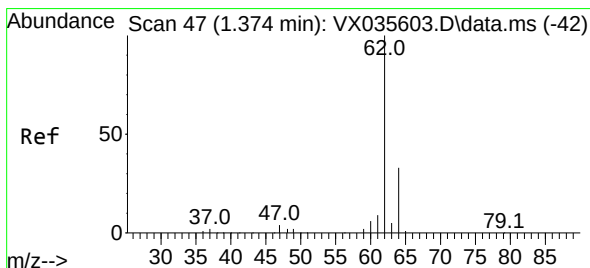
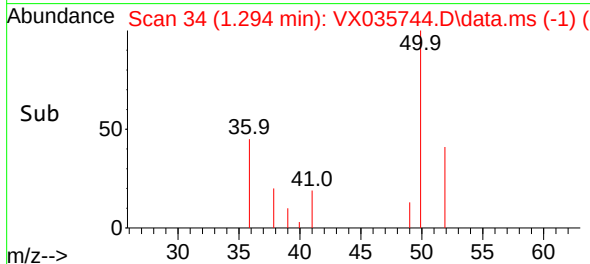
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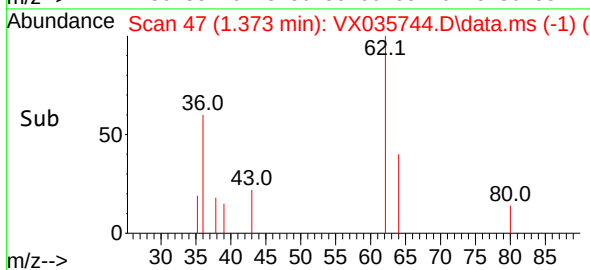
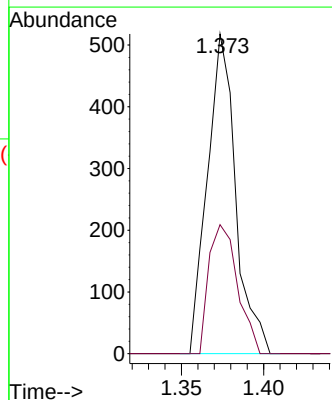
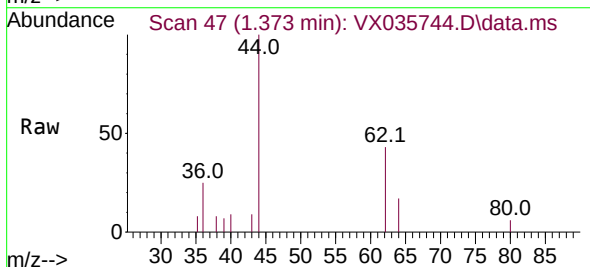
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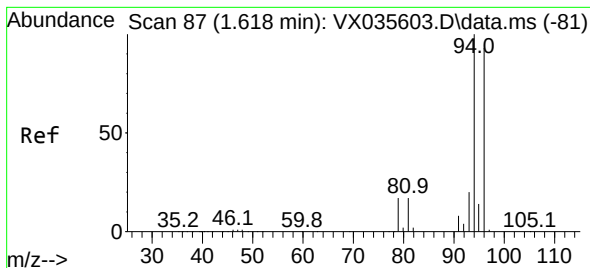
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#4
Vinyl Chloride
Concen: 0.310 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.001 min
Lab File: VX035744.D
Acq: 18 May 2023 15:56

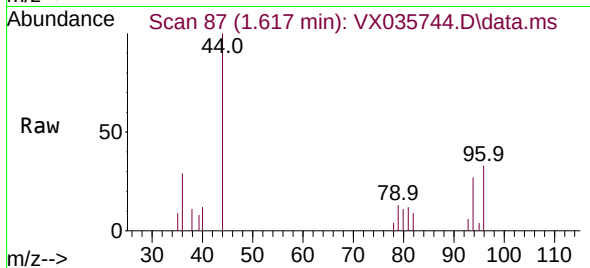
Tgt Ion: 62 Resp: 619
Ion Ratio Lower Upper
62 100
64 40.3 26.4 39.6





#5
Bromomethane
Concen: 0.454 ug/l
RT: 1.617 min Scan# 81
Delta R.T. -0.001 min
Lab File: VX035744.D
Acq: 18 May 2023 15:56

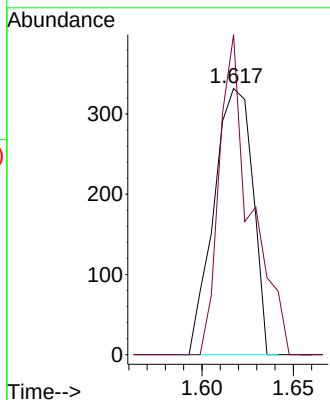
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2023



Tgt Ion: 94 Resp: 492
Ion Ratio Lower Upper
94 100
96 120.2 77.0 115.6

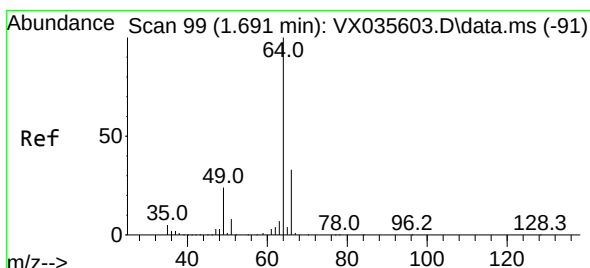
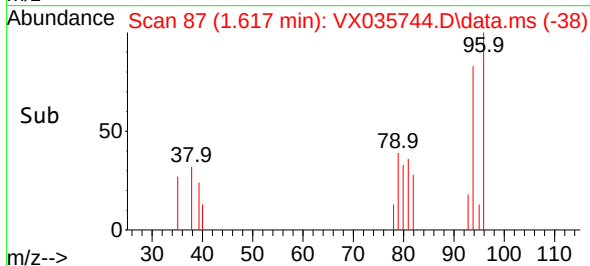
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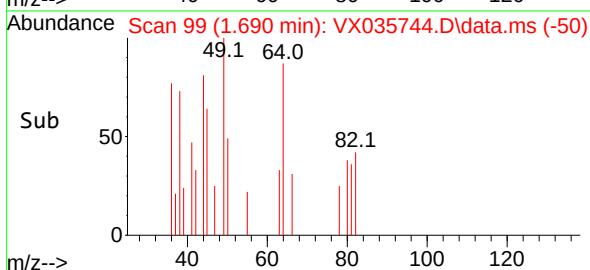
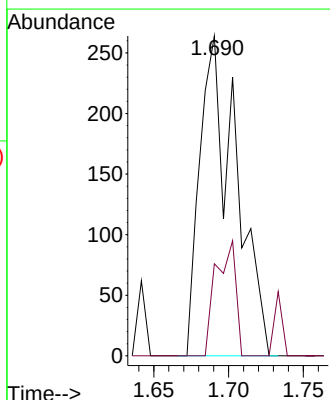
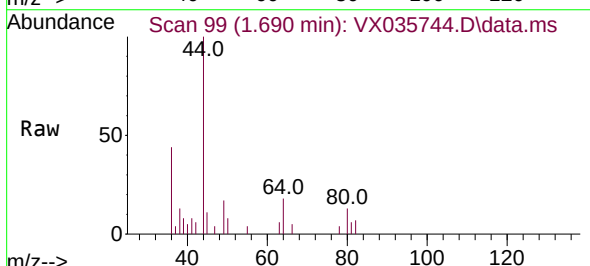
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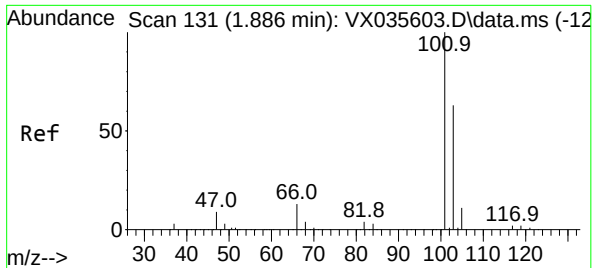
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#6
Chloroethane
Concen: 0.361 ug/l
RT: 1.690 min Scan# 99
Delta R.T. -0.001 min
Lab File: VX035744.D
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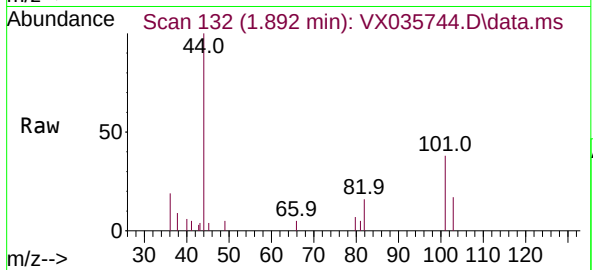
Tgt Ion: 64 Resp: 438
Ion Ratio Lower Upper
64 100
66 28.8 26.2 39.4





#7
Trichlorofluoromethane
Concen: 0.258 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX035744.D
Acq: 18 May 2023 15:56

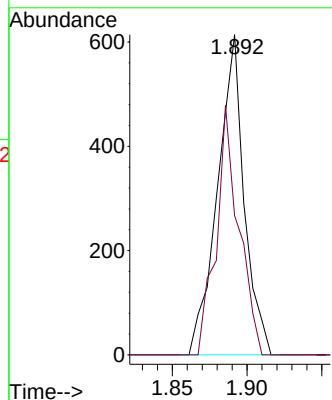
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2023



Tgt Ion:101 Resp: 759
Ion Ratio Lower Upper
101 100
103 43.5 52.0 78.0

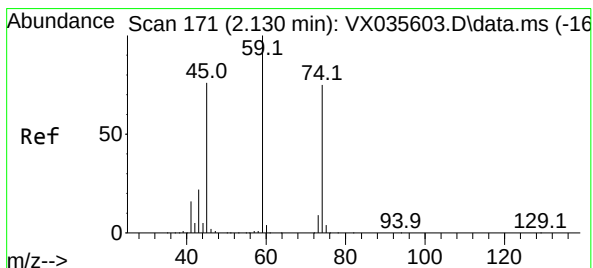
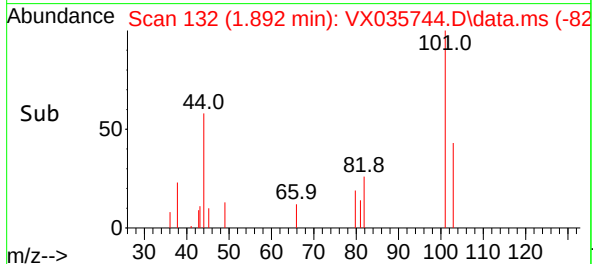
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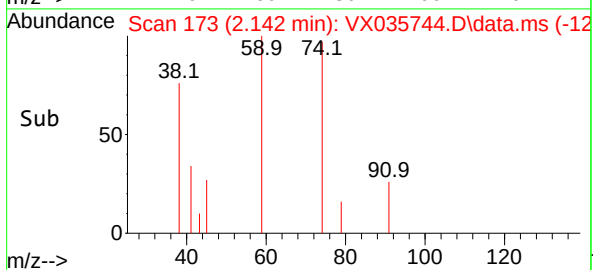
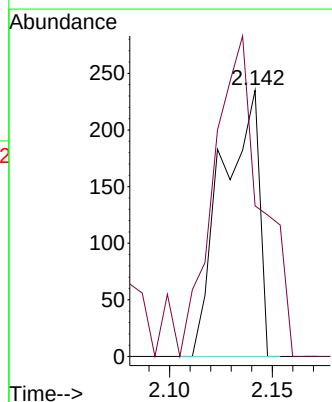
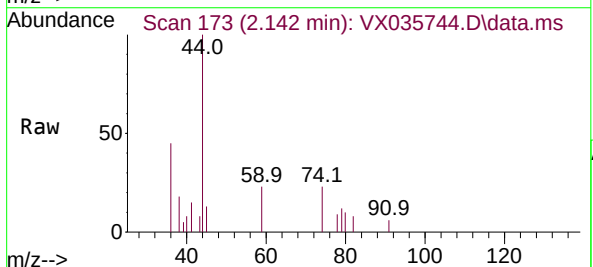
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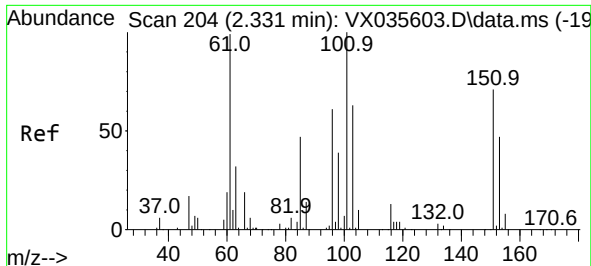
05/19/2023



#8
Diethyl Ether
Concen: 0.261 ug/l
RT: 2.142 min Scan# 173
Delta R.T. 0.012 min
Lab File: VX035744.D
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Tgt Ion: 74 Resp: 296
Ion Ratio Lower Upper
74 100
45 160.1 49.8 149.3





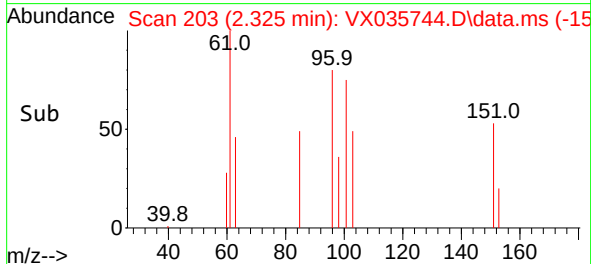
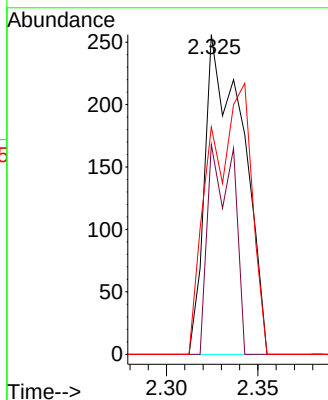
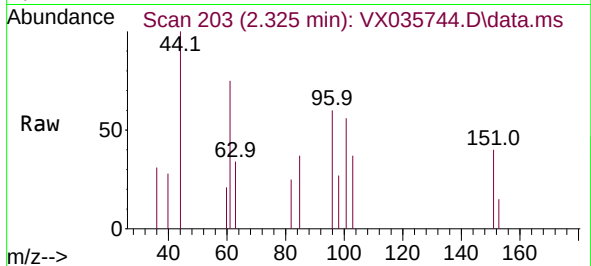
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.211 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX035744.D
Acq: 18 May 2023 15:56

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2023

Tgt Ion:101 Resp: 369
Ion Ratio Lower Upper
101 100
85 44.7 35.4 53.2
151 91.9 60.2 90.4

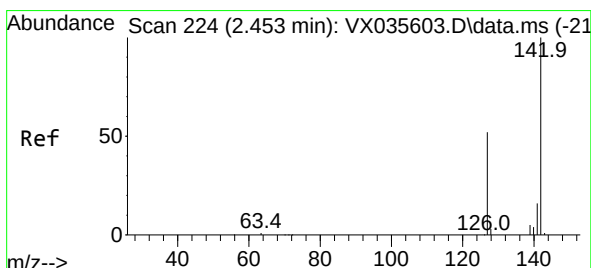
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Supervised By :Mahesh Dadoda 05/19/2023



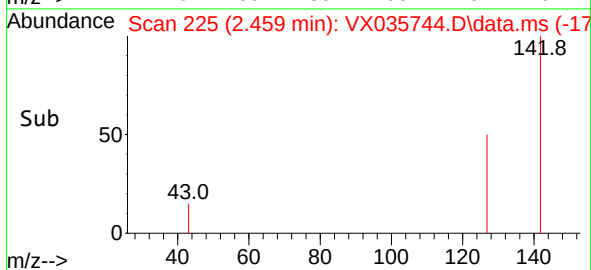
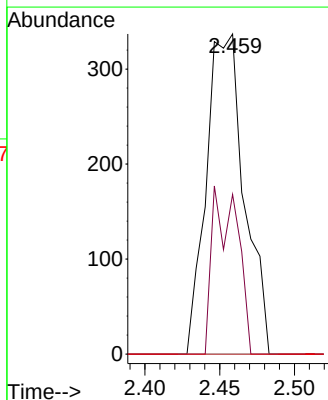
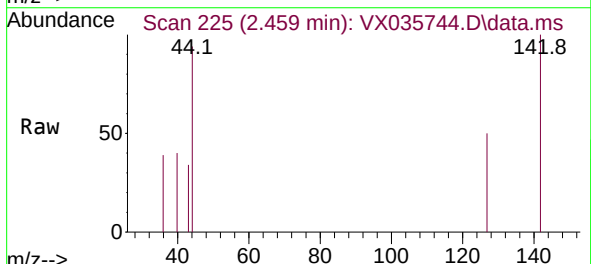
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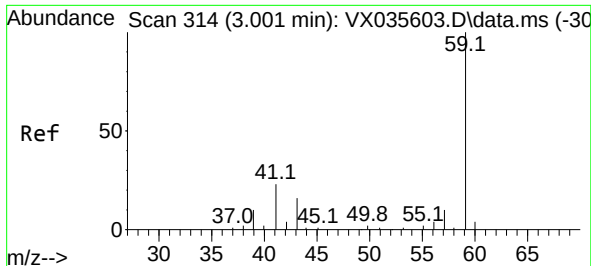
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#10
Methyl Iodide
Concen: 0.381 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX035744.D
Acq: 18 May 2023 15:56

Tgt Ion:142 Resp: 595
Ion Ratio Lower Upper
142 100
127 34.6 34.0 51.0
141 0.0 11.1 16.7#





#11

Tert butyl alcohol

Concen: 1.175 ug/l m

RT: 3.026 min Scan# 314

Delta R.T. 0.025 min

Lab File: VX035744.D

Acq: 18 May 2023 15:56

Instrument :

MSVOA_X

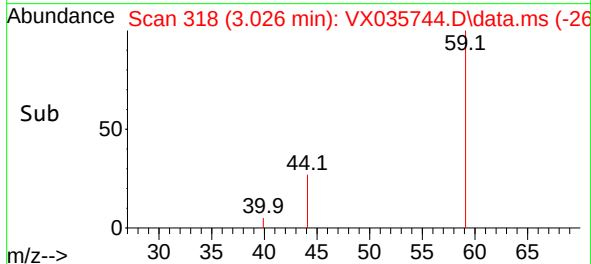
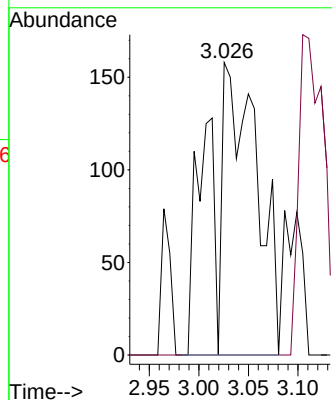
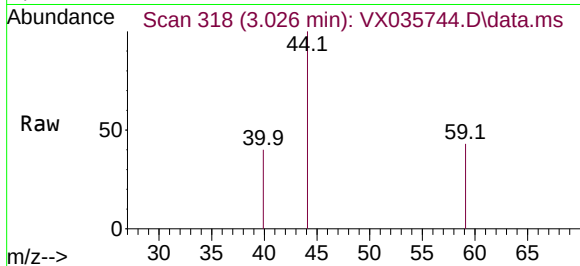
ClientSampleId :

MDL-WATER-03-QT2-2023

Tgt Ion: 59 Resp: 539
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.1 12.1

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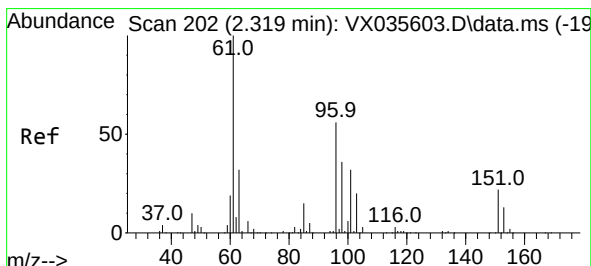
Reviewed By :John Carlone 05/19/2023
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 Dadoda

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#12

1,1-Dichloroethene

Concen: 0.256 ug/l

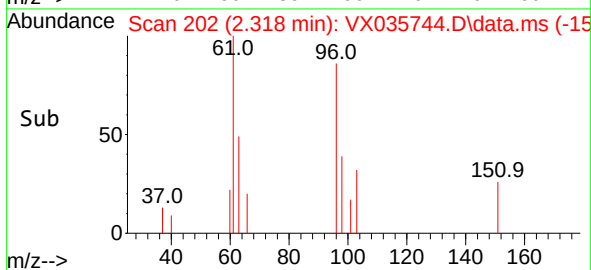
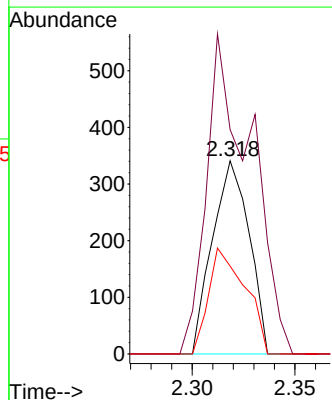
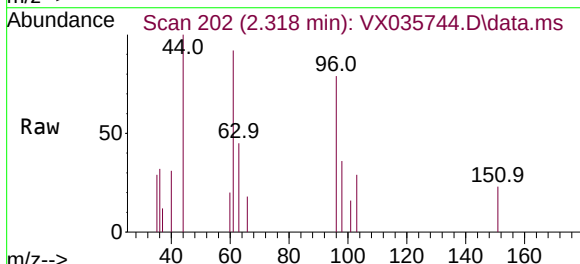
RT: 2.318 min Scan# 202

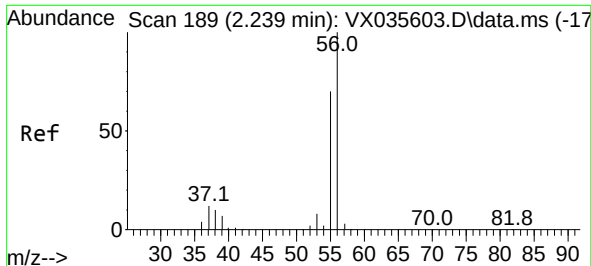
Delta R.T. -0.001 min

Lab File: VX035744.D

Acq: 18 May 2023 15:56

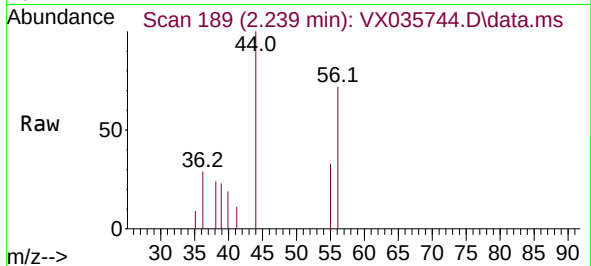
Tgt Ion: 96 Resp: 424
 Ion Ratio Lower Upper
 96 100
 61 116.1 128.8 193.2#
 98 45.5 51.4 77.0#





#13
Acrolein
Concen: 1.123 ug/l
RT: 2.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035744.D
Acq: 18 May 2023 15:56

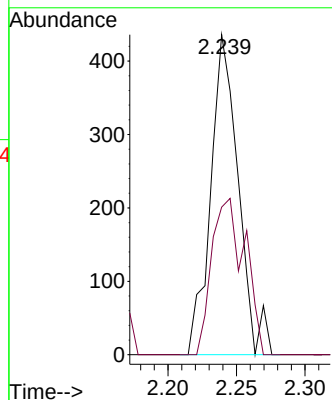
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2023



Tgt Ion: 56 Resp: 61
Ion Ratio Lower Upper
56 100
55 58.6 56.6 85.0

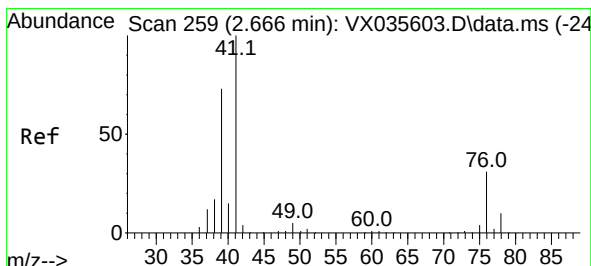
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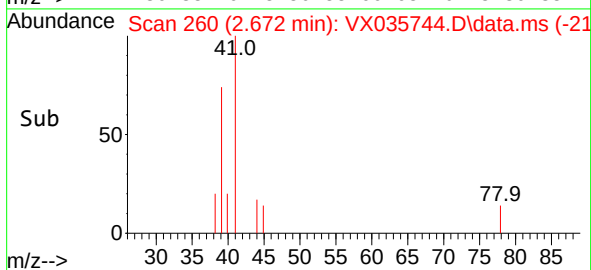
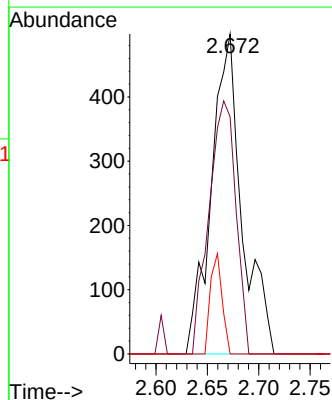
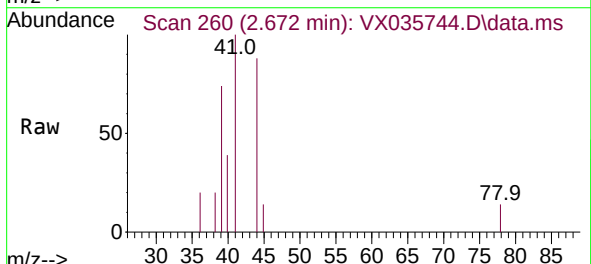
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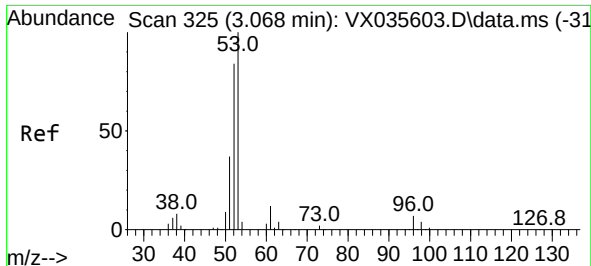
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#14
Allyl chloride
Concen: 0.291 ug/l
RT: 2.672 min Scan# 260
Delta R.T. 0.006 min
Lab File: VX035744.D
Acq: 18 May 2023 15:56

Tgt Ion: 41 Resp: 1035
Ion Ratio Lower Upper
41 100
39 69.6 52.4 78.6
76 12.0 26.0 39.0#





#15
Acrylonitrile
Concen: 1.433 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX035744.D
Acq: 18 May 2023 15:56

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2023

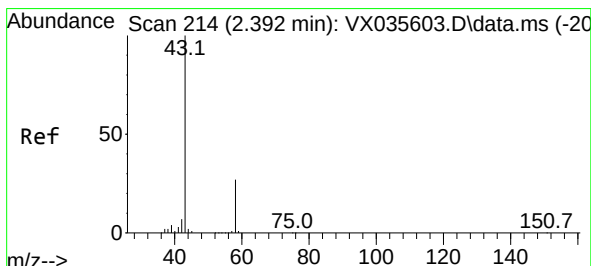
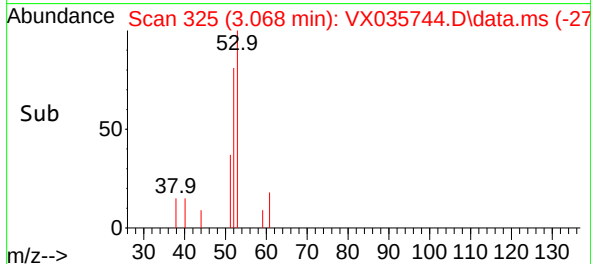
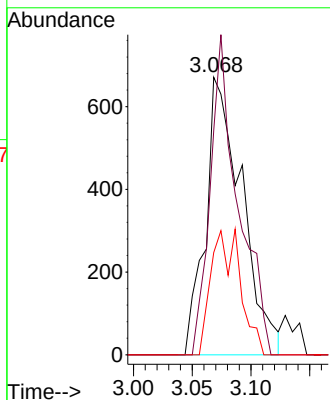
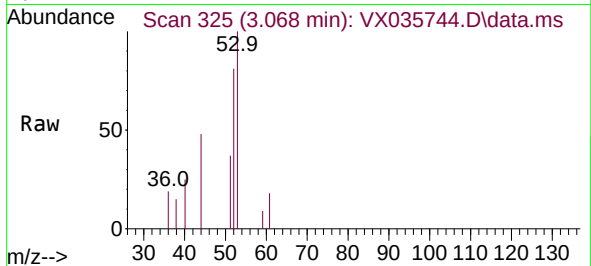
Tgt Ion: 53 Resp: 144
Ion Ratio Lower Upper
53 100
52 88.3 66.2 99.2
51 36.0 28.3 42.5

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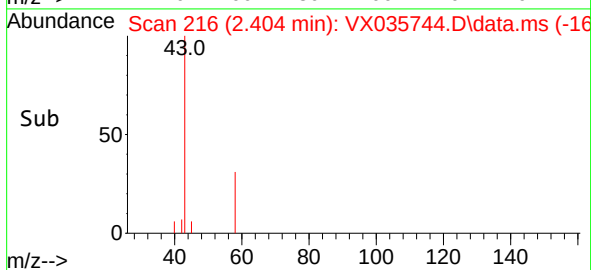
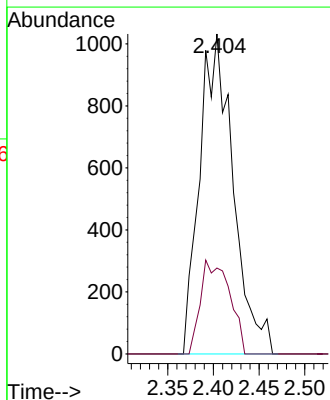
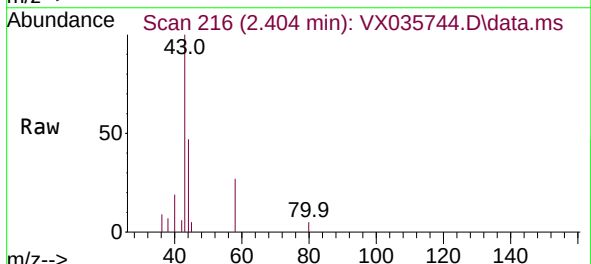
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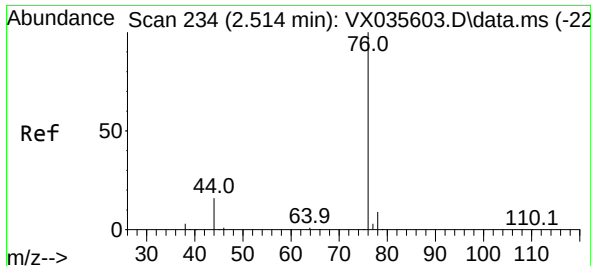
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#16
Acetone
Concen: 2.353 ug/l
RT: 2.404 min Scan# 216
Delta R.T. 0.012 min
Lab File: VX035744.D
Acq: 18 May 2023 15:56

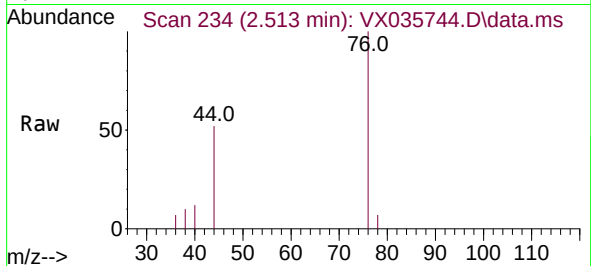
Tgt Ion: 43 Resp: 2629
Ion Ratio Lower Upper
43 100
58 26.8 24.7 37.1





#17
Carbon Disulfide
Concen: 0.321 ug/l
RT: 2.513 min Scan# 21
Delta R.T. -0.001 min
Lab File: VX035744.D
Acq: 18 May 2023 15:56

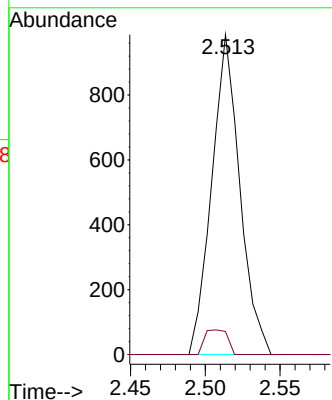
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2023



Tgt Ion: 76 Resp: 1280
Ion Ratio Lower Upper
76 100
78 7.2 7.2 10.8

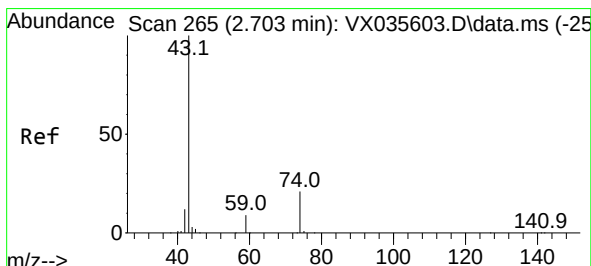
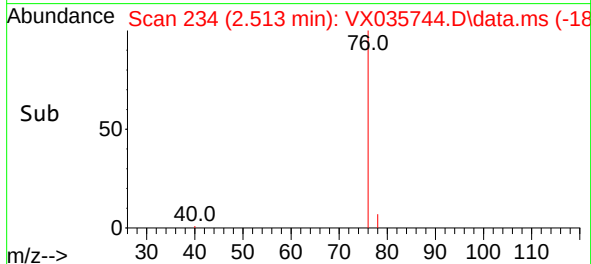
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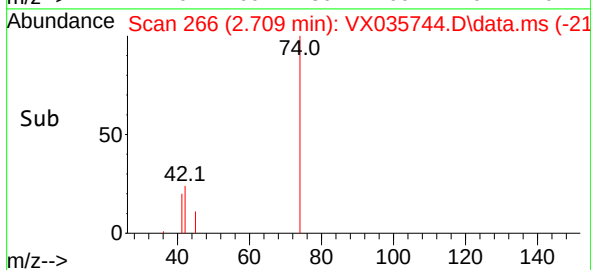
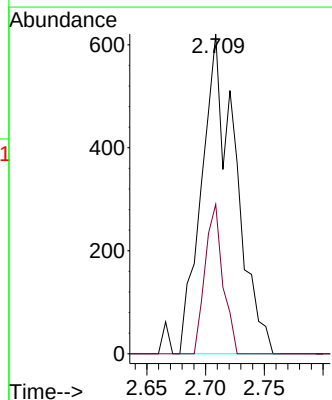
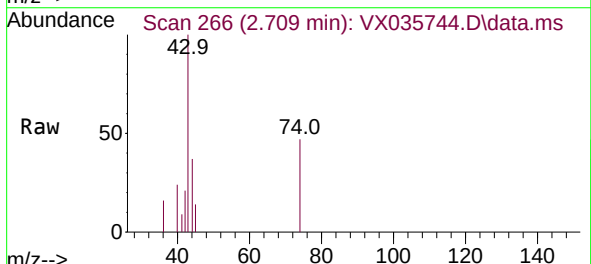
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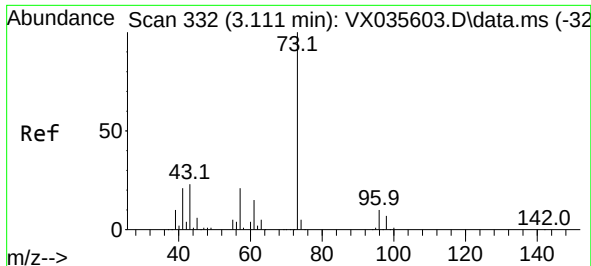
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#18
Methyl Acetate
Concen: 0.302 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX035744.D
Acq: 18 May 2023 15:56

Tgt Ion: 43 Resp: 1245
Ion Ratio Lower Upper
43 100
74 24.5 18.3 27.5





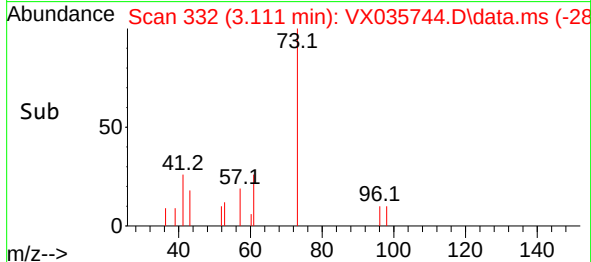
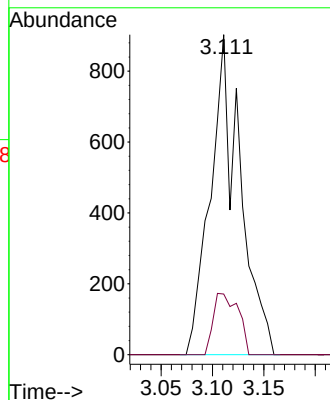
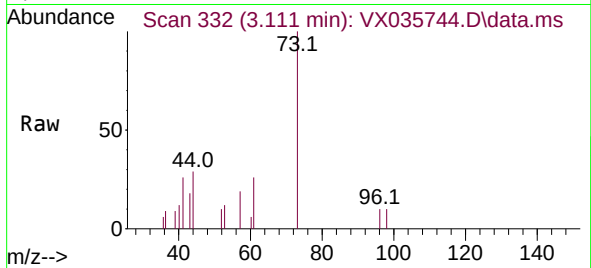
#19
Methyl tert-butyl Ether
Concen: 0.274 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX035744.D
Acq: 18 May 2023 15:56

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2023

Tgt Ion: 73 Resp: 180
Ion Ratio Lower Upper
73 100
57 18.9 18.5 27.7

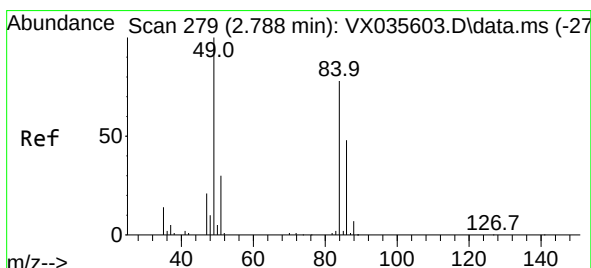
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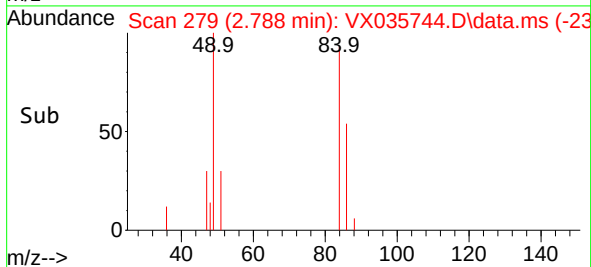
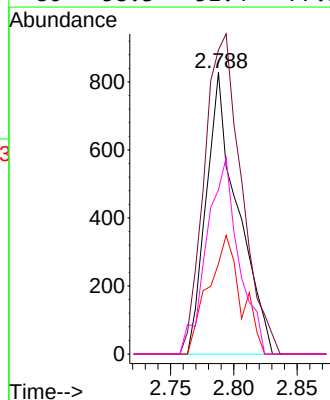
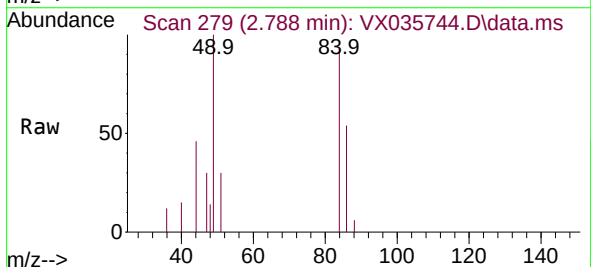
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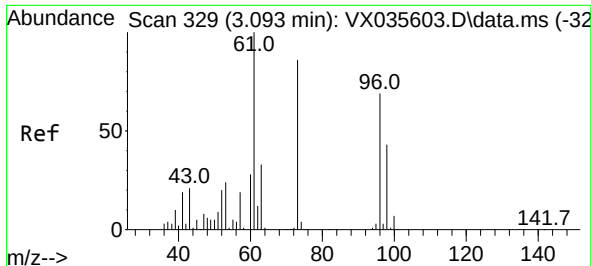
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#20
Methylene Chloride
Concen: 0.706 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX035744.D
Acq: 18 May 2023 15:56

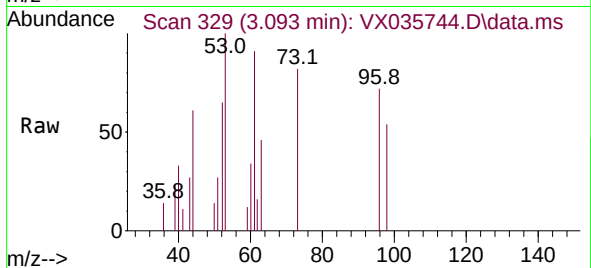
Tgt Ion: 84 Resp: 1430
Ion Ratio Lower Upper
84 100
49 108.0 103.8 155.8
51 32.0 31.8 47.8
86 58.3 51.4 77.2





#21
trans-1,2-Dichloroethene
Concen: 0.317 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX035744.D
Acq: 18 May 2023 15:56

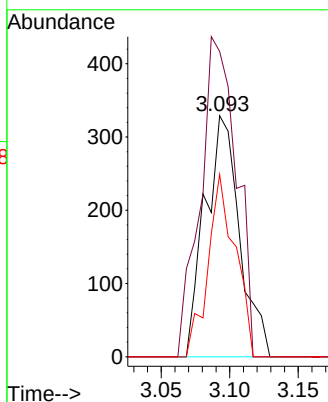
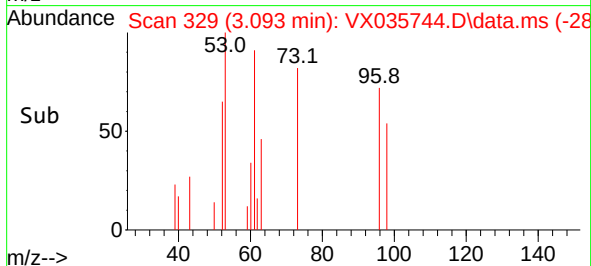
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2023



Tgt Ion: 96 Resp: 57
Ion Ratio Lower Upper
96 100
61 126.7 113.0 169.6
98 75.7 52.1 78.1

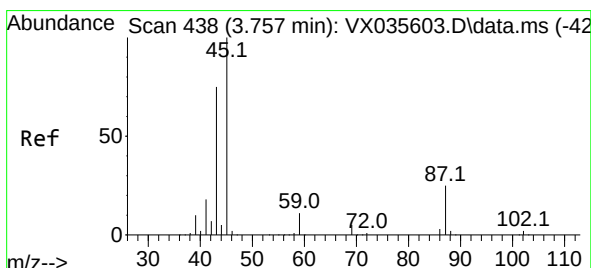
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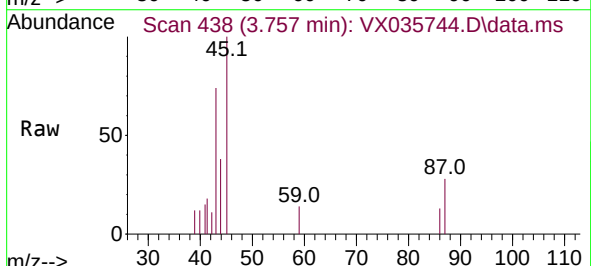


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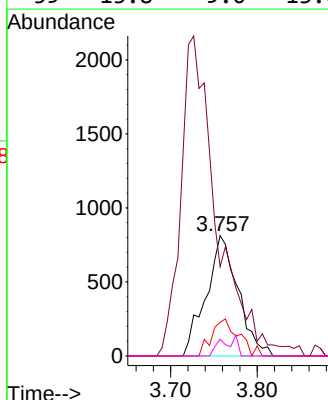
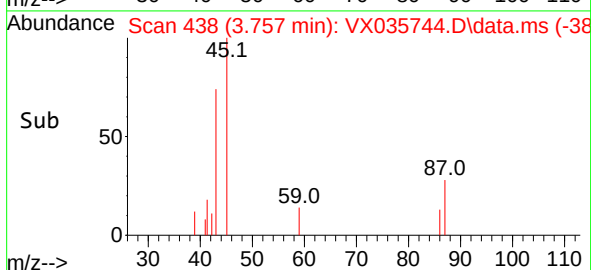
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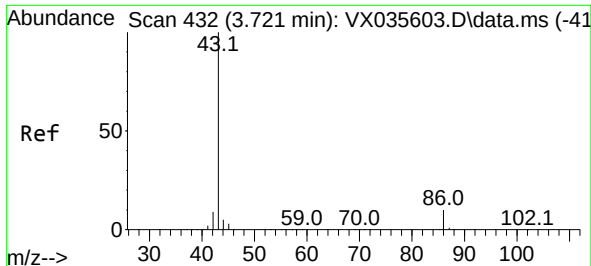


#22
Diisopropyl ether
Concen: 0.300 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX035744.D
Acq: 18 May 2023 15:56



Tgt Ion: 45 Resp: 2085
Ion Ratio Lower Upper
45 100
43 66.2 65.4 98.2
87 27.9 20.6 31.0
59 13.8 9.0 13.6#





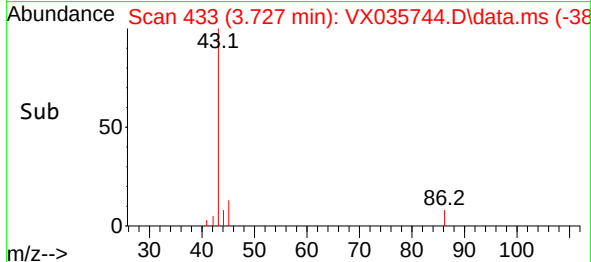
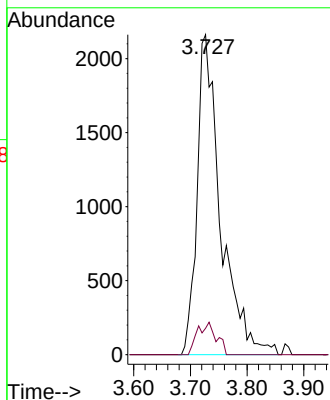
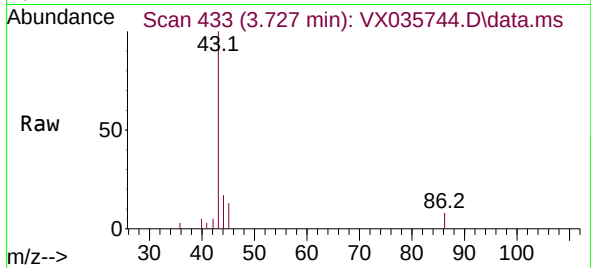
#23
 Vinyl Acetate
 Concen: 1.264 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX035744.D
 Acq: 18 May 2023 15:56

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT2-2023

Tgt Ion: 43 Resp: 622
 Ion Ratio Lower Upper
 43 100
 86 8.2 8.5 12.7

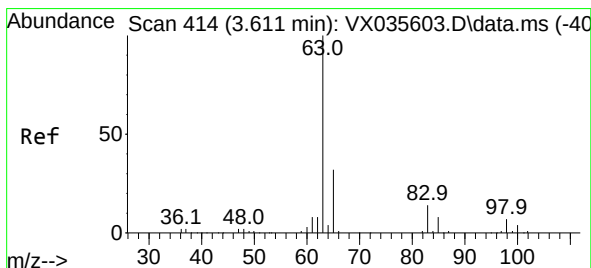
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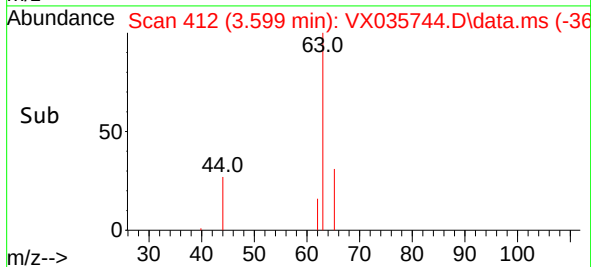
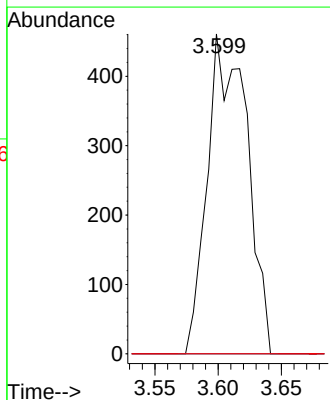
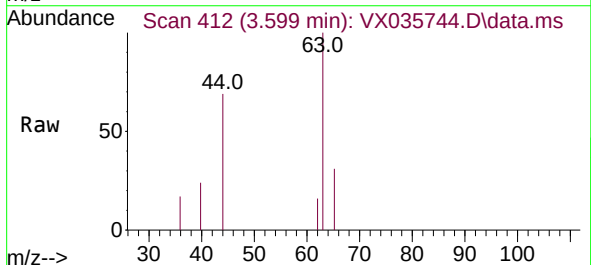
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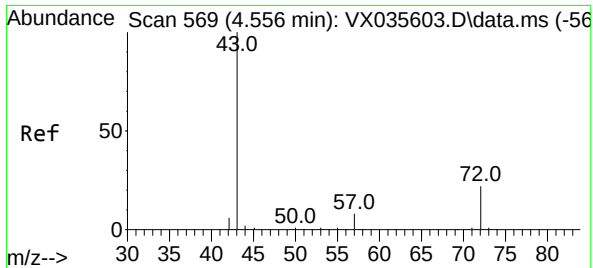
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#24
 1,1-Dichloroethane
 Concen: 0.270 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.012 min
 Lab File: VX035744.D
 Acq: 18 May 2023 15:56

Tgt Ion: 63 Resp: 1005
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.8 11.2#
 100 0.0 2.4 7.1#





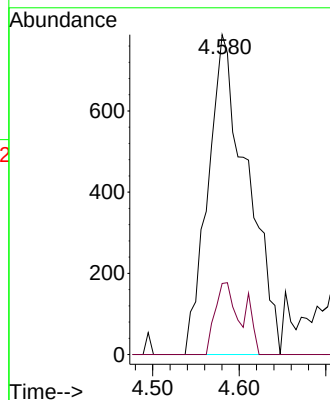
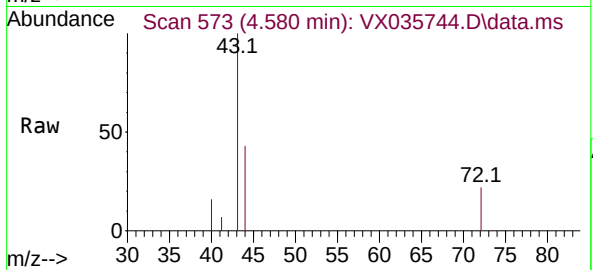
#25
2-Butanone
Concen: 1.607 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.024 min
Lab File: VX035744.D
Acq: 18 May 2023 15:56

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2023

Tgt Ion: 43 Resp: 248
Ion Ratio Lower Upper
43 100
72 22.2 19.3 28.9

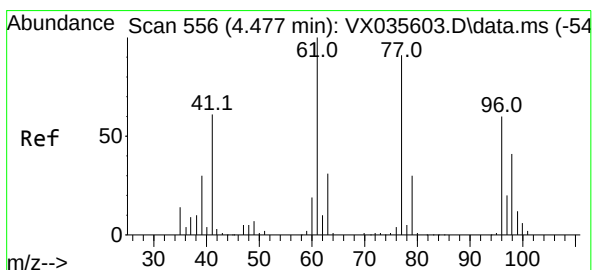
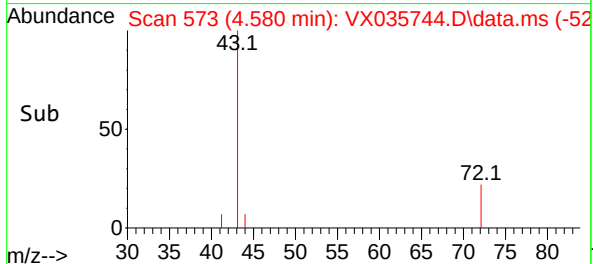
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Supervised By :Mahesh Dadoda 05/19/2023



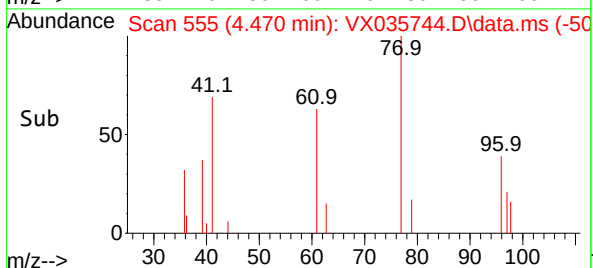
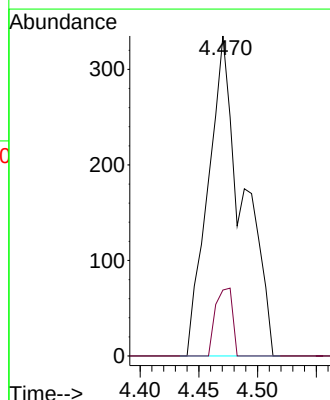
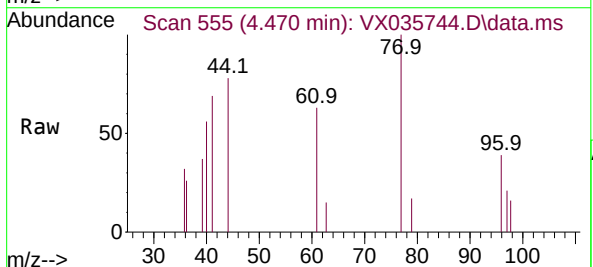
05/19/2023
Supervised By :Mahesh
Dadoda

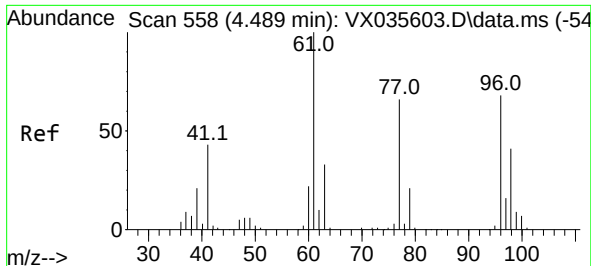
05/19/2023



#26
2,2-Dichloropropane
Concen: 0.219 ug/l
RT: 4.470 min Scan# 555
Delta R.T. -0.007 min
Lab File: VX035744.D
Acq: 18 May 2023 15:56

Tgt Ion: 77 Resp: 690
Ion Ratio Lower Upper
77 100
97 10.3 11.4 34.1#





#27

cis-1,2-Dichloroethene

Concen: 0.267 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX035744.D

Acq: 18 May 2023 15:56

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2023

Tgt Ion: 96	Resp: 58
Ion Ratio	Lower Upper
96 100	
61 170.2	0.0 300.4
98 19.9	0.0 129.0

Manual Integrations

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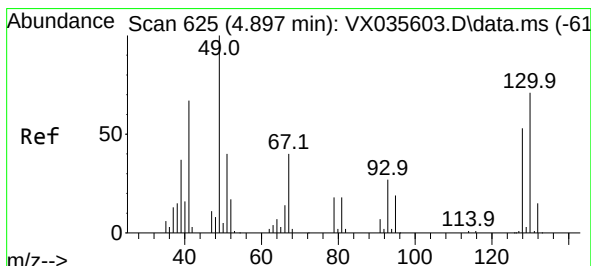
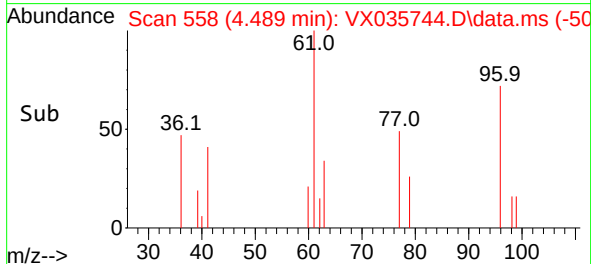
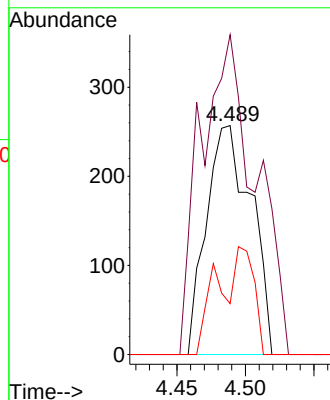
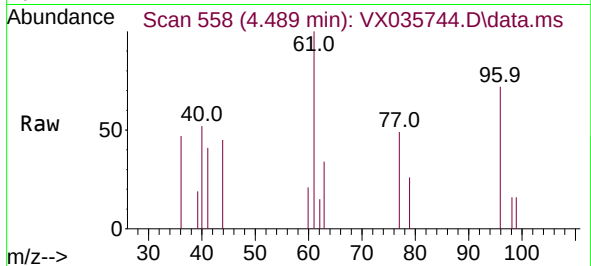
Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023

05/19/2023

Supervised By :Mahesh Dadoda

05/19/2023



#28

Bromochloromethane

Concen: 0.199 ug/l

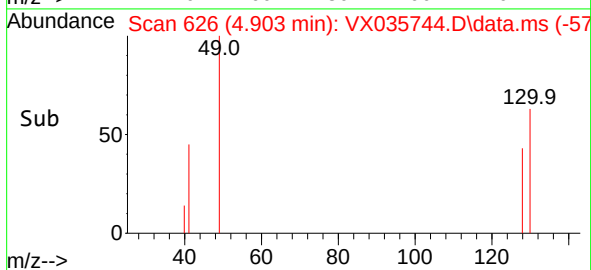
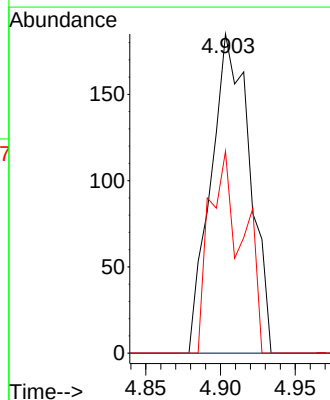
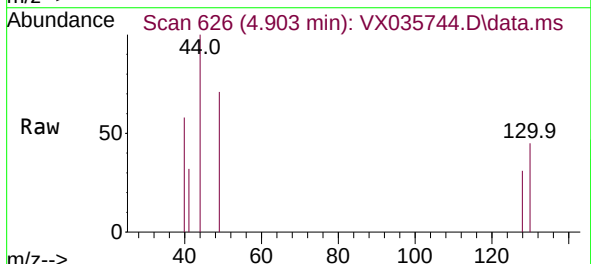
RT: 4.903 min Scan# 626

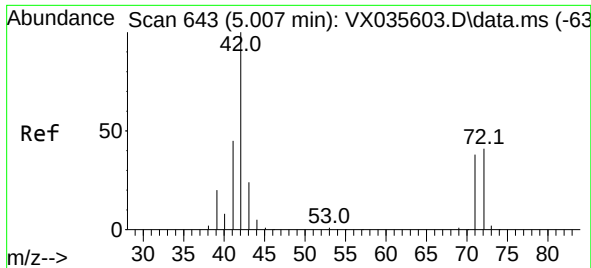
Delta R.T. 0.006 min

Lab File: VX035744.D

Acq: 18 May 2023 15:56

Tgt Ion: 49	Resp: 334
Ion Ratio	Lower Upper
49 100	
129 0.0	0.0 4.0
130 54.5	58.2 87.2#





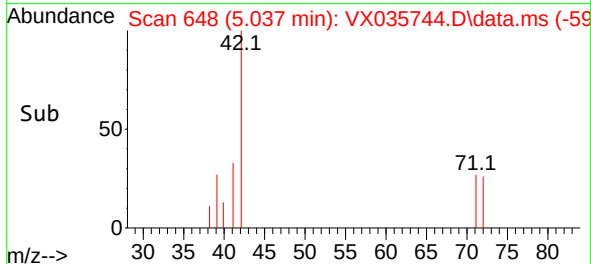
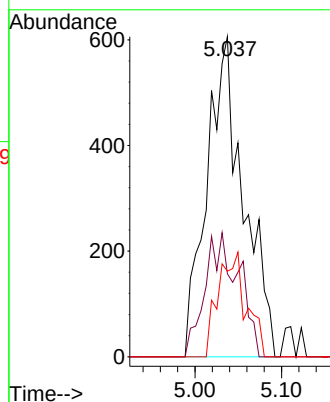
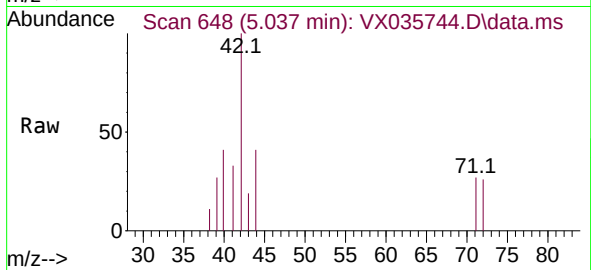
#29
Tetrahydrofuran
Concen: 1.838 ug/l
RT: 5.037 min Scan# 643
Delta R.T. 0.030 min
Lab File: VX035744.D
Acq: 18 May 2023 15:56

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2023

Tgt Ion: 42 Resp: 178
Ion Ratio Lower Upper
42 100
72 35.6 34.5 51.7
71 24.8 32.1 48.1

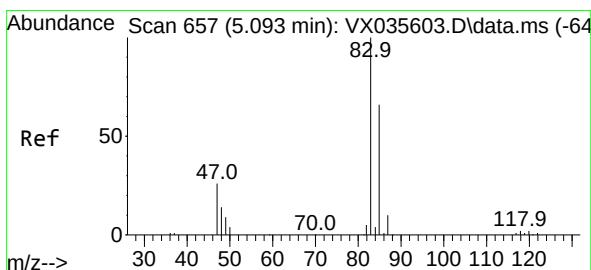
Manual Integrations
APPROVED

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



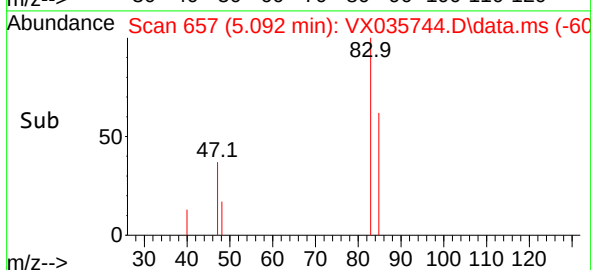
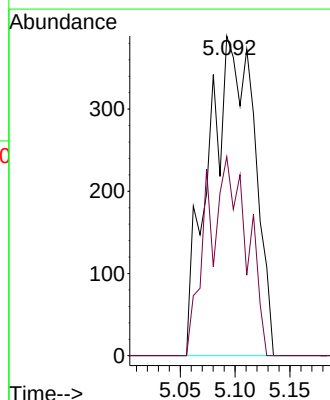
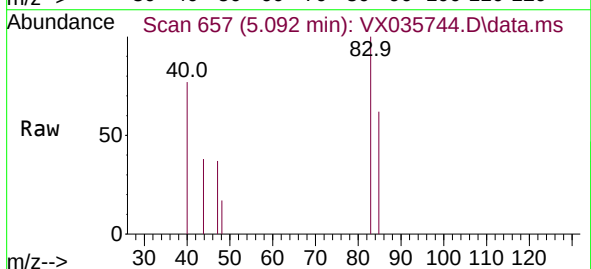
05/19/2023
Supervised By :Mahesh
Dadoda

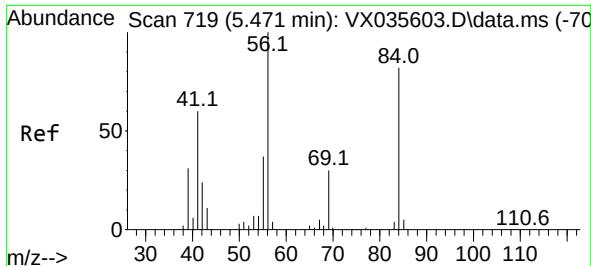
05/19/2023



#30
Chloroform
Concen: 0.295 ug/l
RT: 5.092 min Scan# 657
Delta R.T. -0.001 min
Lab File: VX035744.D
Acq: 18 May 2023 15:56

Tgt Ion: 83 Resp: 1127
Ion Ratio Lower Upper
83 100
85 62.2 50.6 76.0





#31
Cyclohexane
Concen: 0.156 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.001 min
Lab File: VX035744.D
Acq: 18 May 2023 15:56

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2023

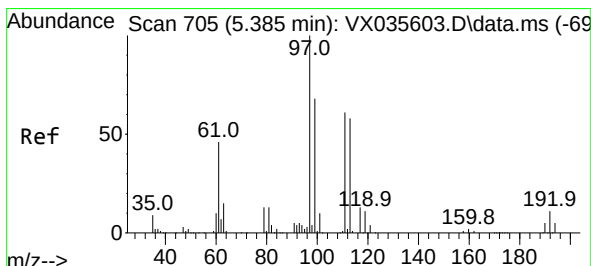
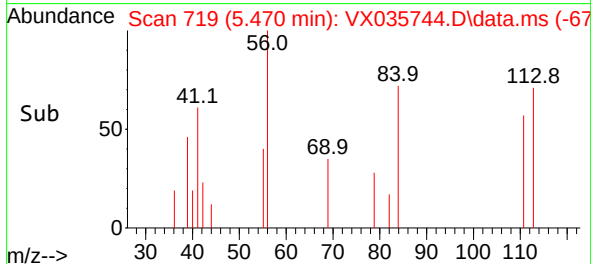
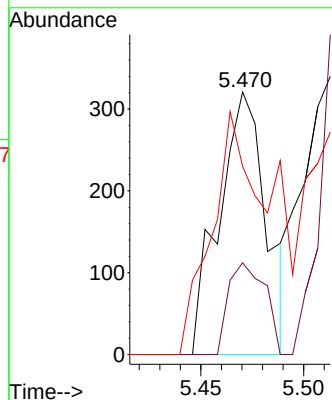
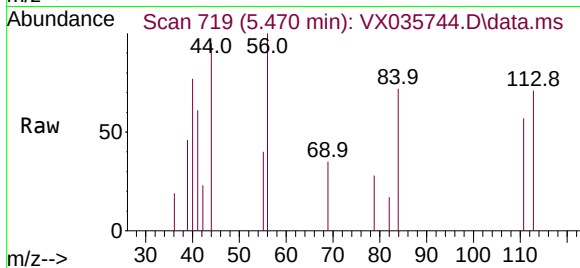
Tgt Ion: 56 Resp: 511
Ion Ratio Lower Upper
56 100
69 34.9 23.7 35.5
84 71.7 68.5 102.7

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

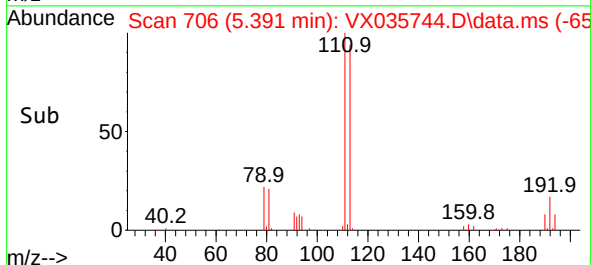
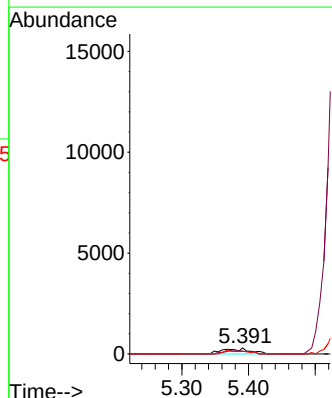
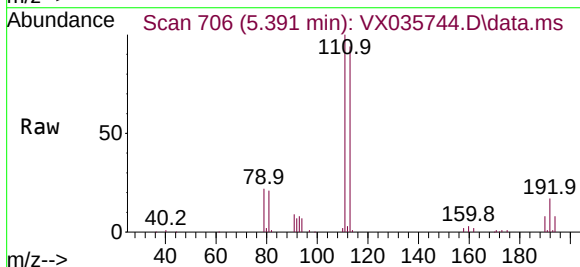
05/19/2023
Supervised By :Mahesh
Dadoda

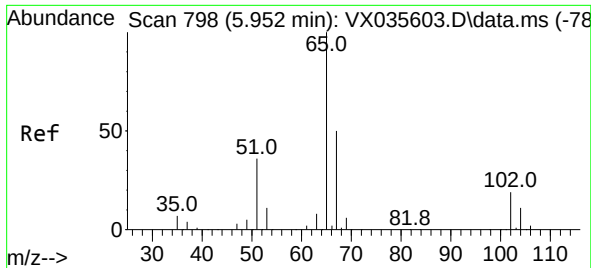
05/19/2023



#32
1,1,1-Trichloroethane
Concen: 0.235 ug/l m
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX035744.D
Acq: 18 May 2023 15:56

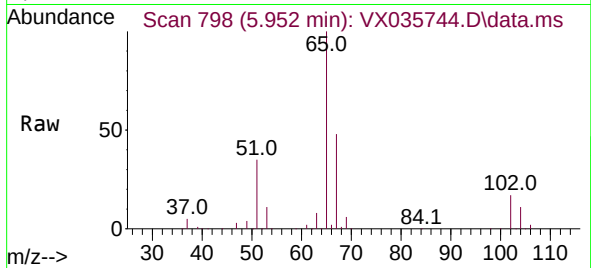
Tgt Ion: 97 Resp: 780
Ion Ratio Lower Upper
97 100
99 0.0 51.1 76.7#
61 23.2 36.5 54.7#





#33
 1,2-Dichloroethane-d4
 Concen: 61.873 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX035744.D
 Acq: 18 May 2023 15:56

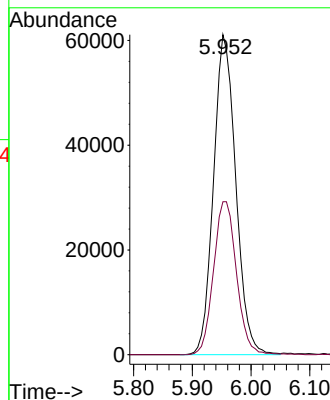
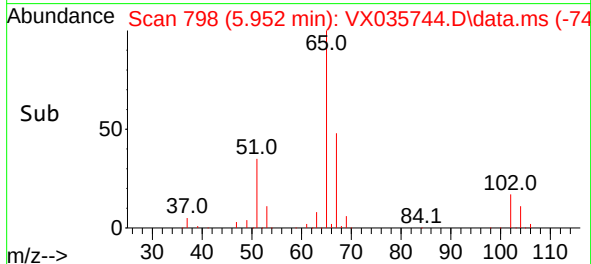
Instrument : MSVOA_X
 Client Sample Id : MDL-WATER-03-QT2-2023



Tgt Ion: 65 Resp: 160829
 Ion Ratio Lower Upper
 65 100
 67 49.5 0.0 104.0

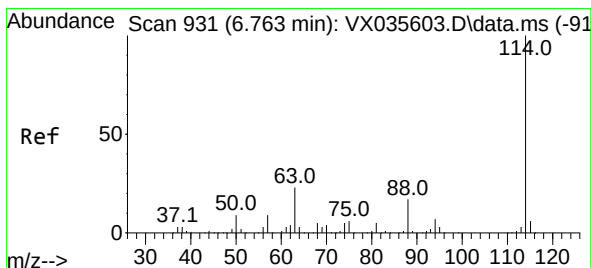
Manual Integrations
 APPROVED

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

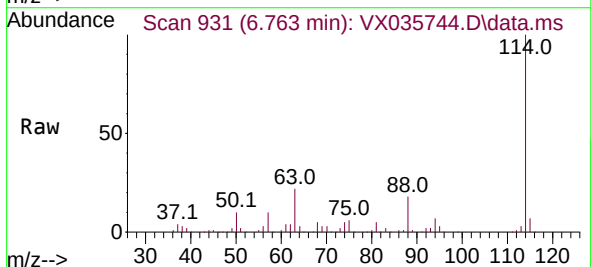


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 Supervised By : Mahesh Dadoda

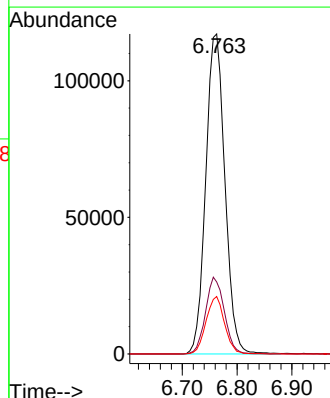
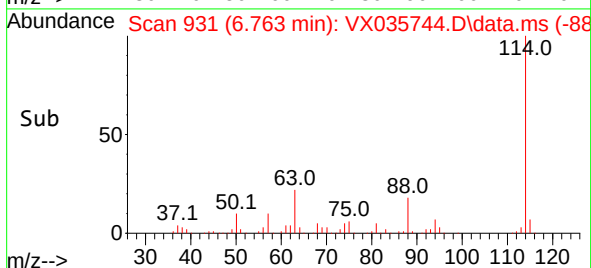
05/19/2023

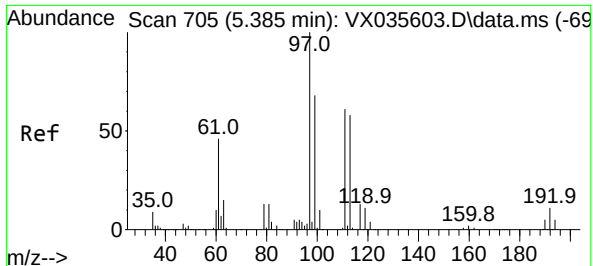


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX035744.D
 Acq: 18 May 2023 15:56



Tgt Ion: 114 Resp: 283544
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 42.2
 88 17.9 0.0 33.2





#35

Dibromofluoromethane

Concen: 52.727 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX035744.D

Acq: 18 May 2023 15:56

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2023

Tgt Ion:	113	Resp:	10082
Ion	Ratio	Lower	Upper
113	100		
111	104.8	83.7	125.5
192	16.7	15.4	23.2

Manual Integrations

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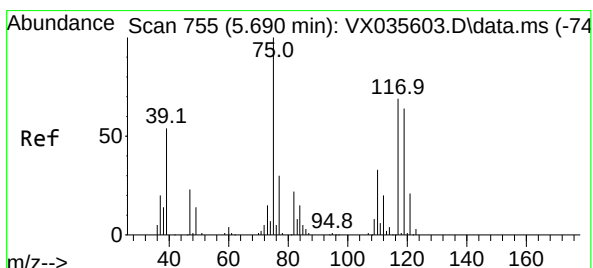
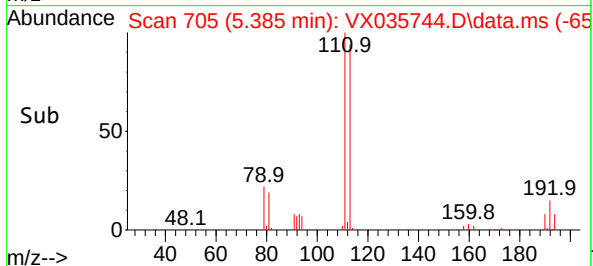
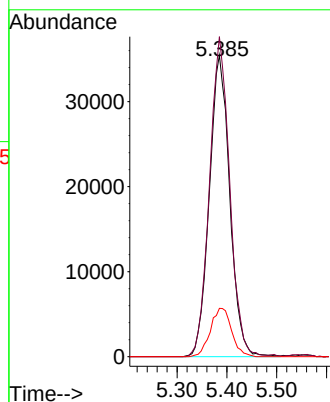
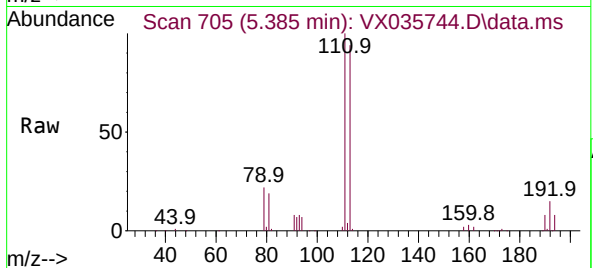
Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023

05/19/2023

Supervised By :Mahesh
Dadoda

05/19/2023



#36

1,1-Dichloropropene

Concen: 0.232 ug/l

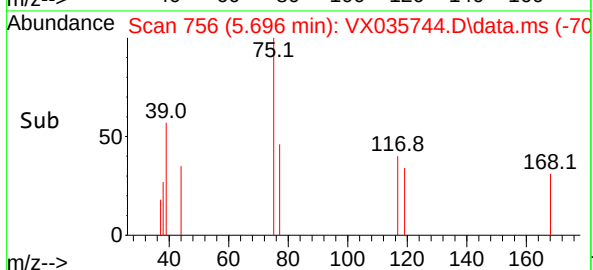
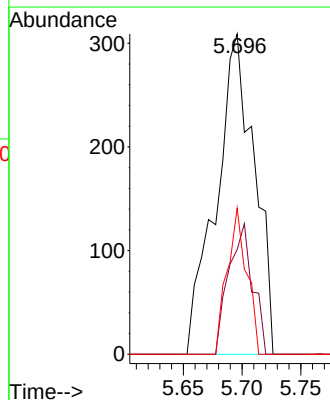
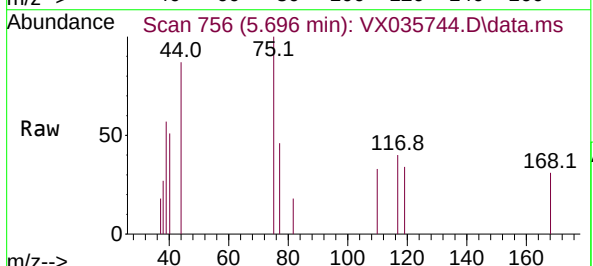
RT: 5.696 min Scan# 756

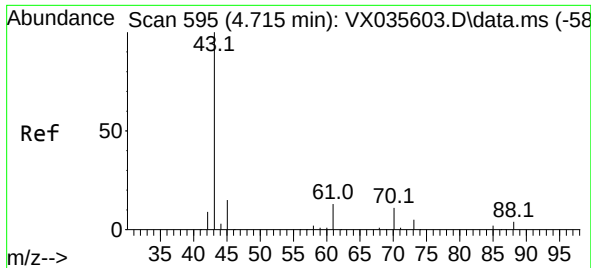
Delta R.T. 0.006 min

Lab File: VX035744.D

Acq: 18 May 2023 15:56

Tgt Ion:	75	Resp:	699
Ion	Ratio	Lower	Upper
75	100		
110	25.6	17.5	52.5
77	23.5	24.3	36.5





#37

Ethyl Acetate

Concen: 0.329 ug/l m

RT: 4.720 min Scan# 595

Delta R.T. 0.005 min

Lab File: VX035744.D

Acq: 18 May 2023 15:56

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2023

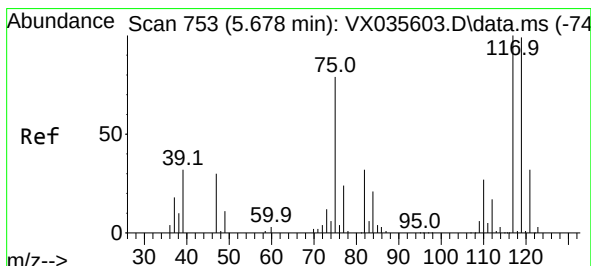
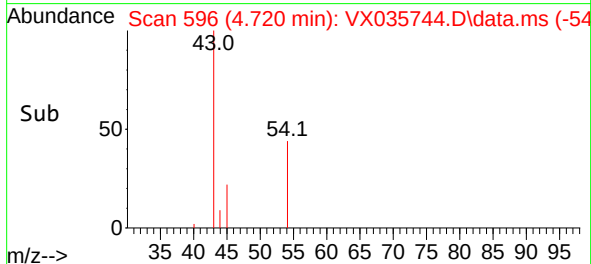
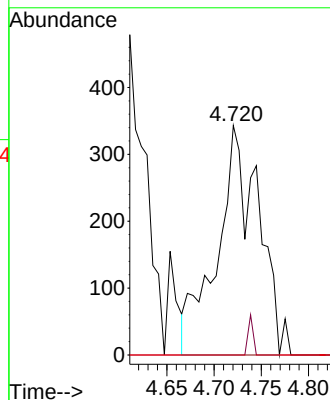
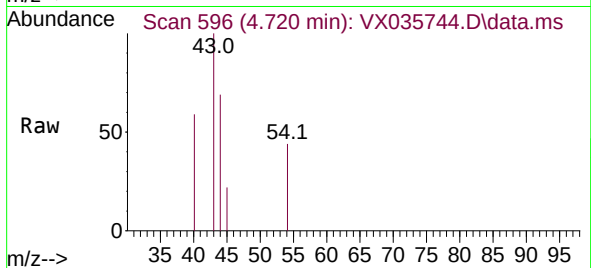
Tgt Ion: 43	Resp: 103
Ion Ratio	Lower Upper
43 100	
61 0.0	10.2 15.4
70 0.0	8.2 12.4

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



#38

Carbon Tetrachloride

Concen: 0.197 ug/l

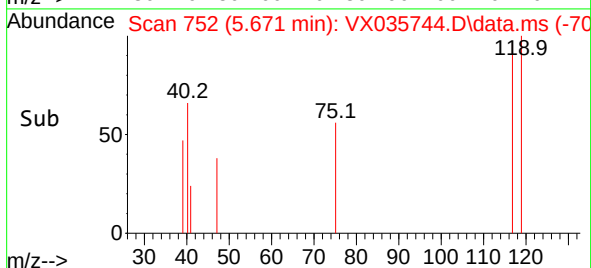
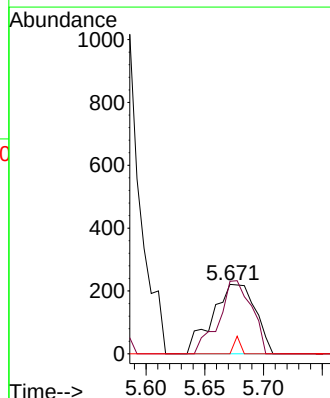
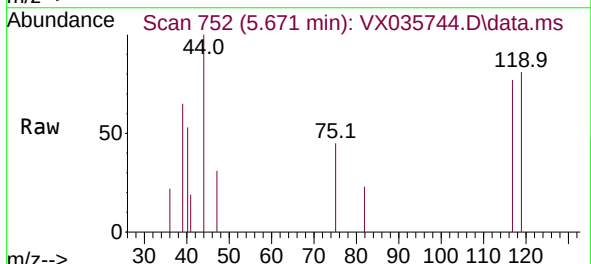
RT: 5.671 min Scan# 752

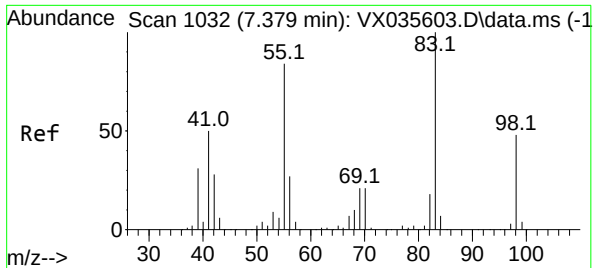
Delta R.T. -0.007 min

Lab File: VX035744.D

Acq: 18 May 2023 15:56

Tgt Ion: 117	Resp: 563
Ion Ratio	Lower Upper
117 100	
119 104.5	76.6 114.8
121 0.0	23.8 35.6





#39

Methylcyclohexane

Concen: 0.221 ug/l

RT: 7.378 min Scan# 1032

Delta R.T. -0.001 min

Lab File: VX035744.D

Acq: 18 May 2023 15:56

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2023

Tgt Ion: 83	Resp: 78
Ion Ratio	Lower Upper
83	100
55	126.0 60.5 90.7
98	41.1 40.4 60.6

Manual Integrations
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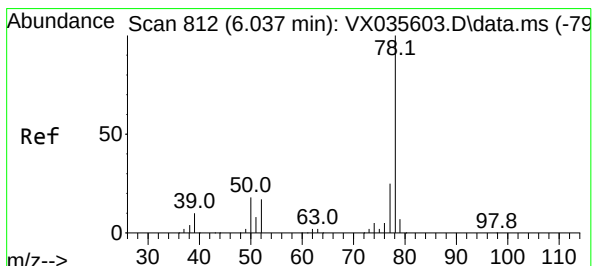
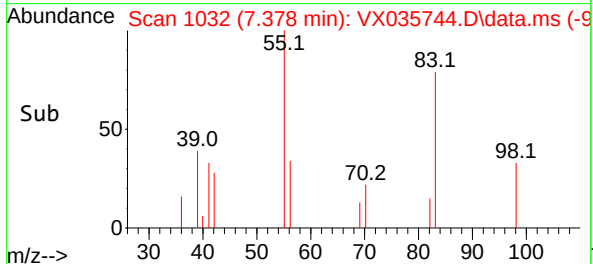
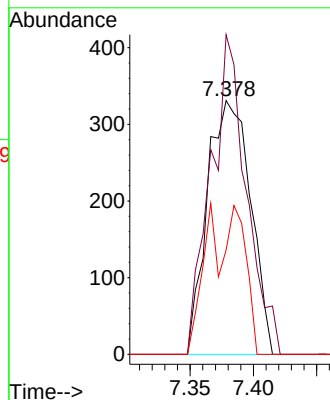
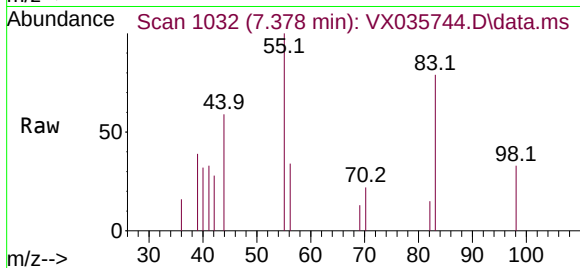
Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023

05/19/2023

Supervised By :Mahesh
Dadoda

05/19/2023



#40

Benzene

Concen: 0.291 ug/l

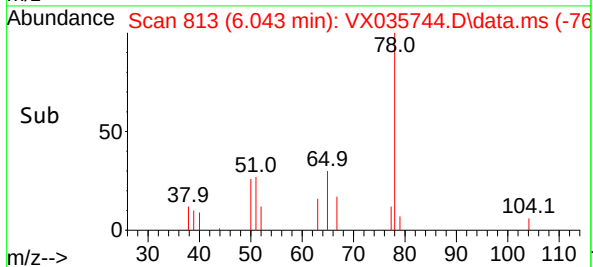
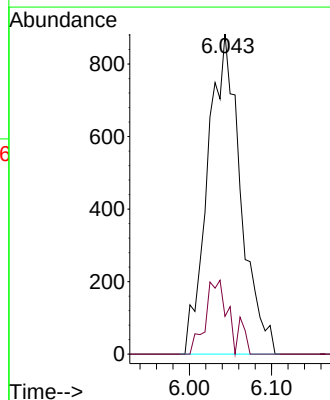
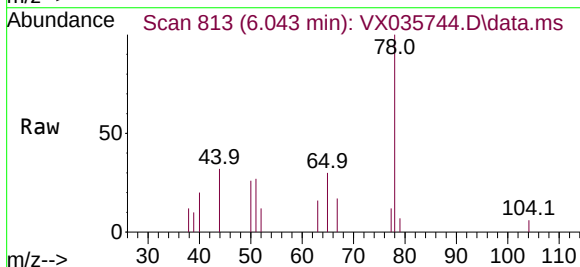
RT: 6.043 min Scan# 813

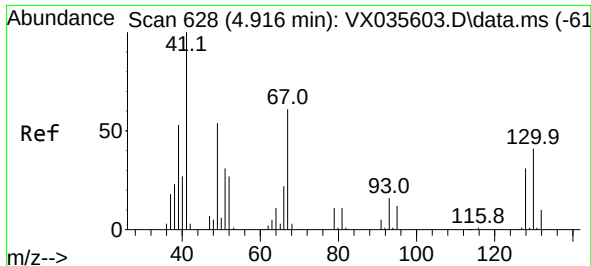
Delta R.T. 0.006 min

Lab File: VX035744.D

Acq: 18 May 2023 15:56

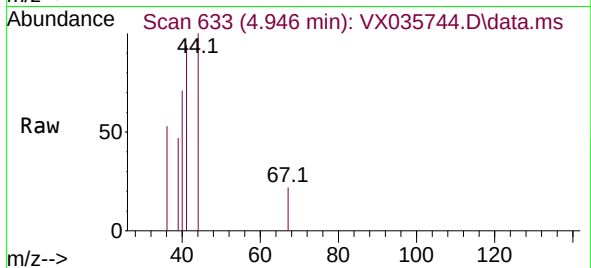
Tgt Ion: 78	Resp: 2454
Ion Ratio	Lower Upper
78	100
77	11.8 19.0 28.4





#41
Methacrylonitrile
Concen: 0.293 ug/l m
RT: 4.946 min Scan# 61
Delta R.T. 0.030 min
Lab File: VX035744.D
Acq: 18 May 2023 15:56

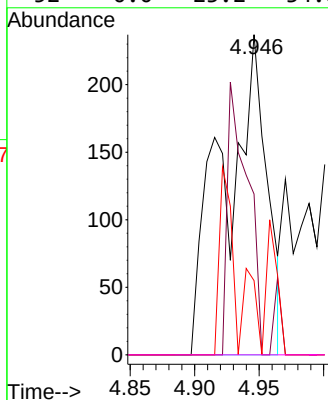
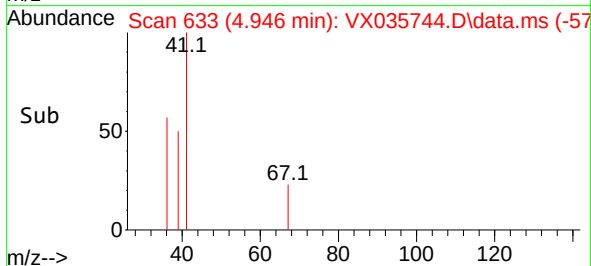
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2023



Tgt Ion: 41 Resp: 548
Ion Ratio Lower Upper
41 100
39 40.3 45.0 67.6
67 24.6 55.6 83.4
52 0.0 23.2 34.8

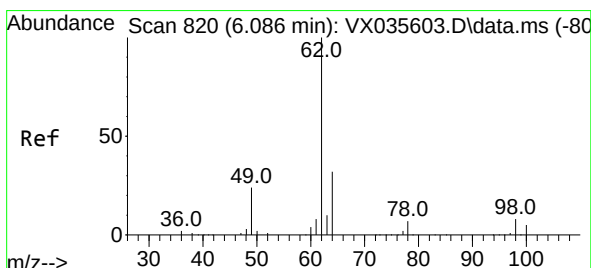
Manual Integrations
APPROVED

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



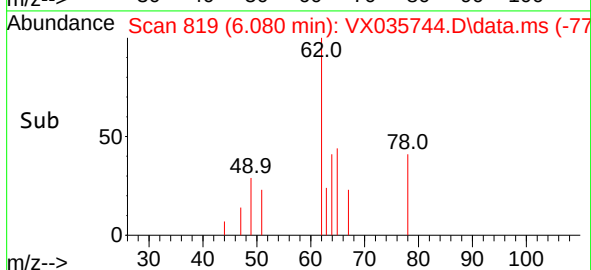
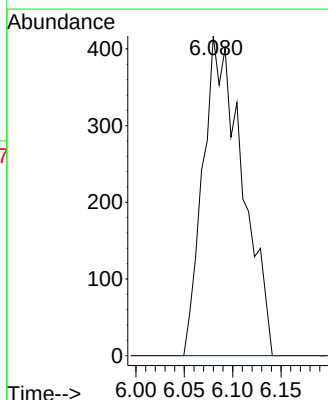
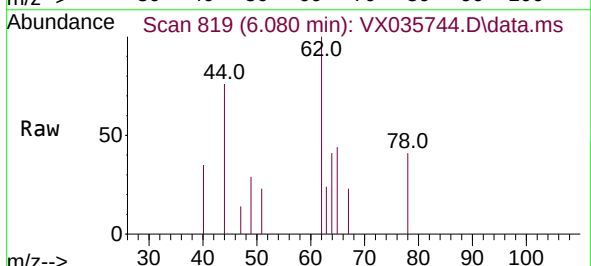
05/19/2023
Supervised By :Mahesh
Dadoda

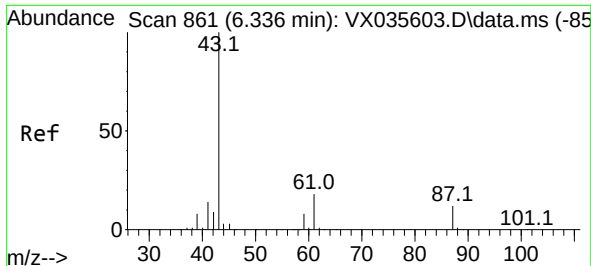
05/19/2023



#42
1,2-Dichloroethane
Concen: 0.325 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX035744.D
Acq: 18 May 2023 15:56

Tgt Ion: 62 Resp: 1179
Ion Ratio Lower Upper
62 100
98 0.0 0.0 18.0





#43

Isopropyl Acetate

Concen: 0.265 ug/l

RT: 6.336 min Scan# 861

Delta R.T. -0.000 min

Lab File: VX035744.D

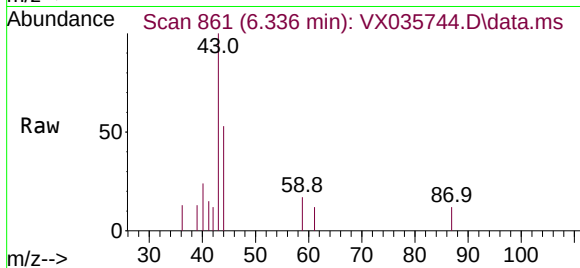
Acq: 18 May 2023 15:56

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2023



Tgt Ion: 43	Resp: 1450
Ion Ratio	Lower Upper
43	100
61	6.0 15.2 22.8
87	3.0 9.8 14.8

Manual Integrations
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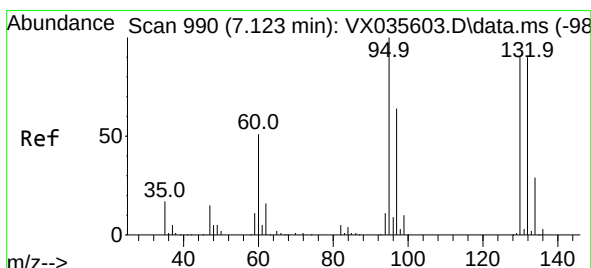
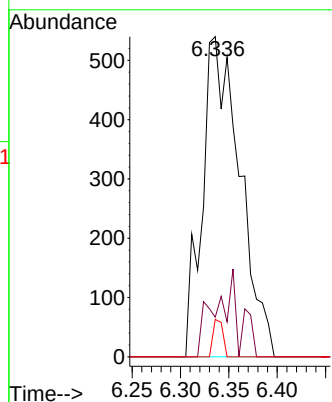
Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023

05/19/2023

Supervised By :Mahesh
Dadoda

05/19/2023



#44

Trichloroethene

Concen: 0.282 ug/l

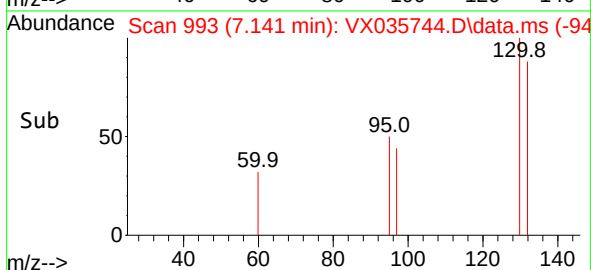
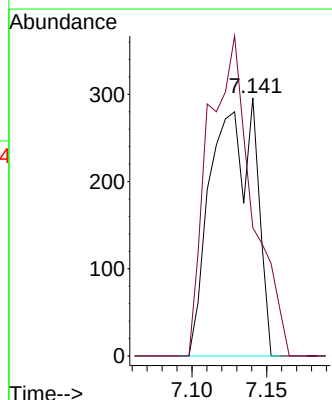
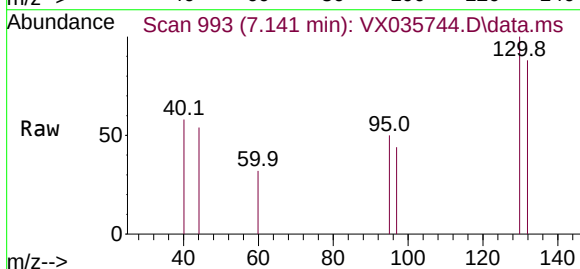
RT: 7.141 min Scan# 993

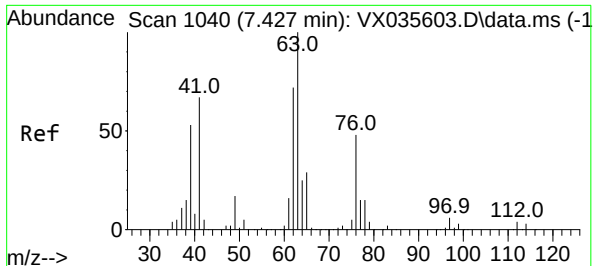
Delta R.T. 0.018 min

Lab File: VX035744.D

Acq: 18 May 2023 15:56

Tgt Ion:130	Resp: 603
Ion Ratio	Lower Upper
130	100
95	49.7 0.0 198.4





#45

1,2-Dichloropropane

Concen: 0.257 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX035744.D

Acq: 18 May 2023 15:56

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2023

Tgt Ion: 63 Resp: 579
 Ion Ratio Lower Upper
 63 100
 65 25.6 24.6 37.0

Manual Integrations

APPROVED

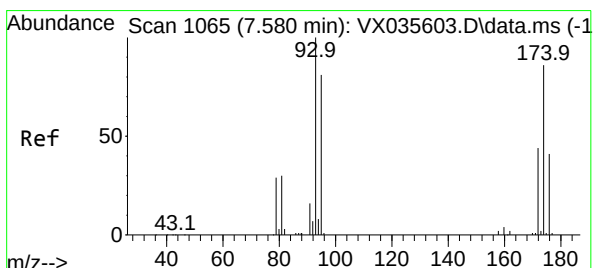
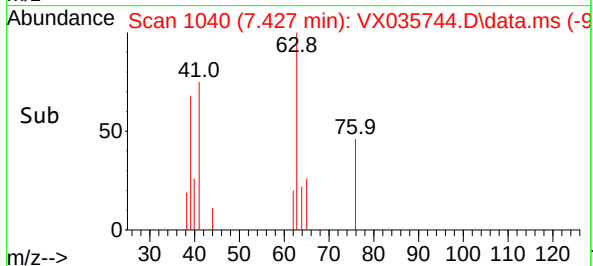
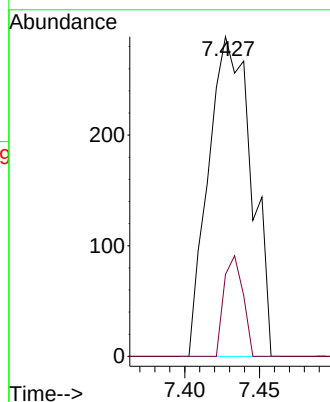
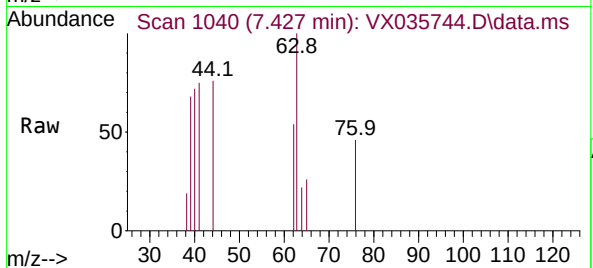
Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023

05/19/2023

Supervised By :Mahesh
Dadoda

05/19/2023



#46

Dibromomethane

Concen: 0.244 ug/l

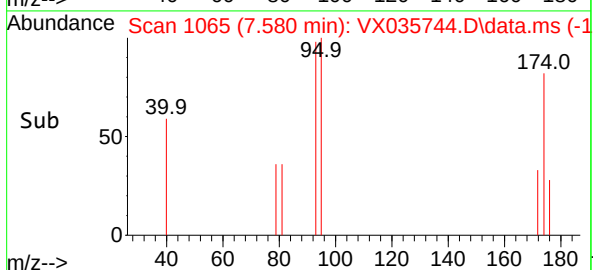
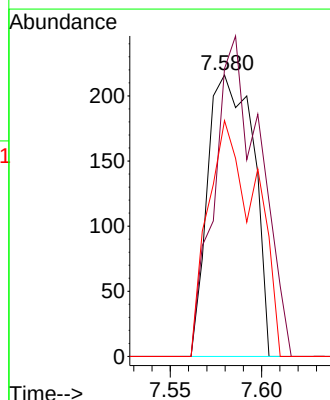
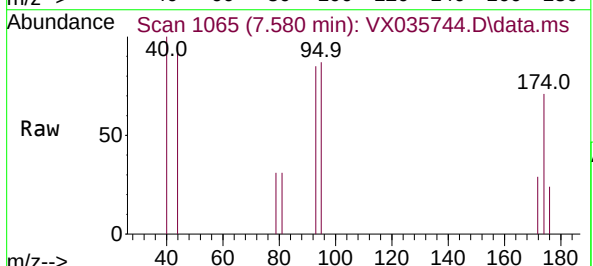
RT: 7.580 min Scan# 1065

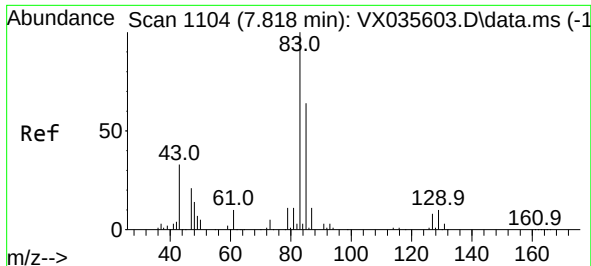
Delta R.T. -0.000 min

Lab File: VX035744.D

Acq: 18 May 2023 15:56

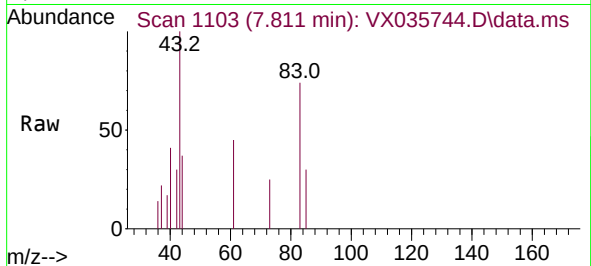
Tgt Ion: 93 Resp: 374
 Ion Ratio Lower Upper
 93 100
 95 114.2 66.9 100.3#
 174 88.0 75.4 113.0





#47
Bromodichloromethane
Concen: 0.201 ug/l
RT: 7.811 min Scan# 1103
Delta R.T. -0.007 min
Lab File: VX035744.D
Acq: 18 May 2023 15:56

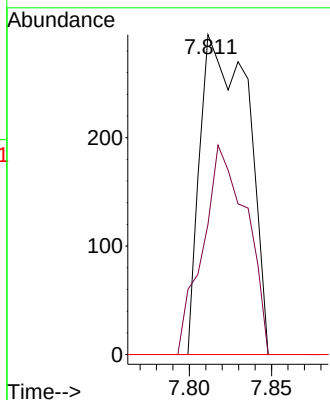
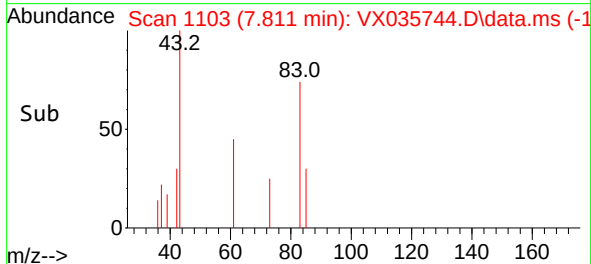
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2023



Tgt Ion: 83 Resp: 59#
Ion Ratio Lower Upper
83 100
85 40.7 52.2 78.4#
127 0.0 6.6 9.8#

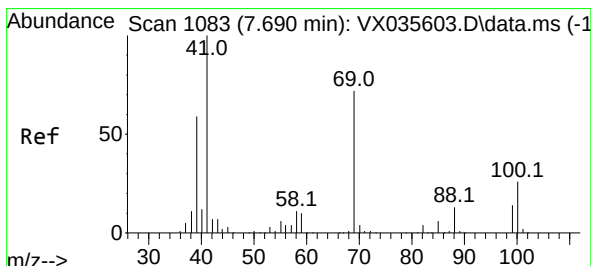
Manual Integrations
APPROVED

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

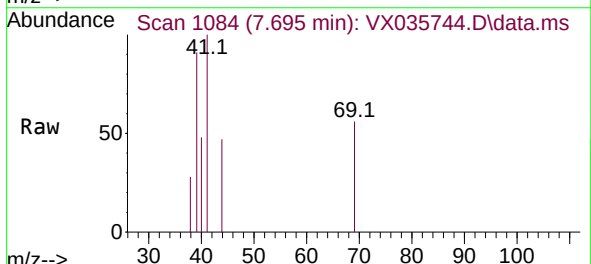


05/19/2023
Supervised By :Mahesh Dadoda

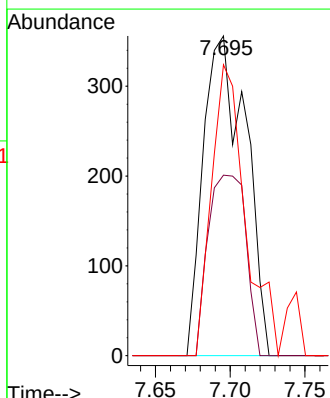
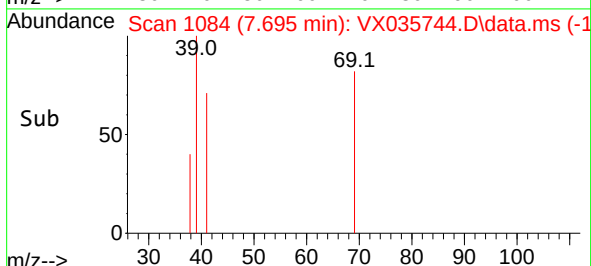
05/19/2023

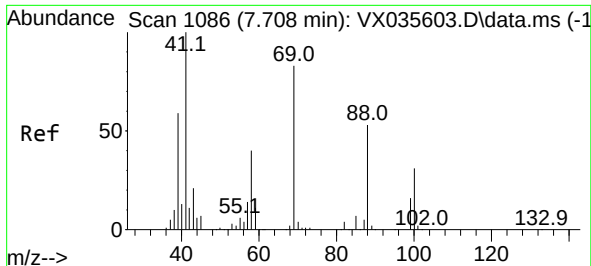


#48
Methyl methacrylate
Concen: 0.259 ug/l
RT: 7.695 min Scan# 1084
Delta R.T. 0.005 min
Lab File: VX035744.D
Acq: 18 May 2023 15:56



Tgt Ion: 41 Resp: 702
Ion Ratio Lower Upper
41 100
69 50.1 62.2 93.4#
39 72.4 47.7 71.5#





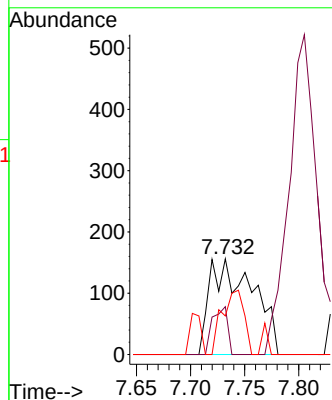
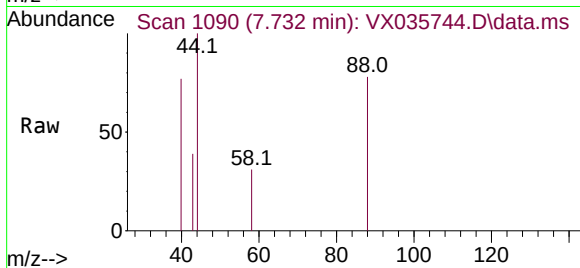
#49
1,4-Dioxane
Concen: 7.472 ug/l m
RT: 7.732 min Scan# 1090
Delta R.T. 0.024 min
Lab File: VX035744.D
Acq: 18 May 2023 15:56

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2023

Tgt Ion: 88 Resp: 435
Ion Ratio Lower Upper
88 100
43 17.2 27.7 41.5
58 34.0 56.8 85.2

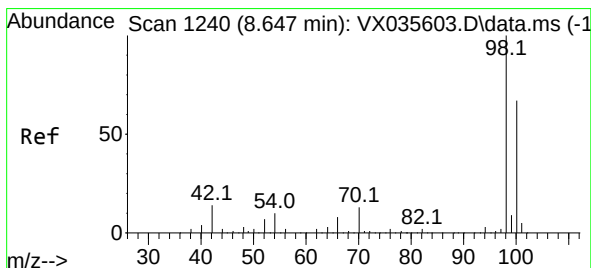
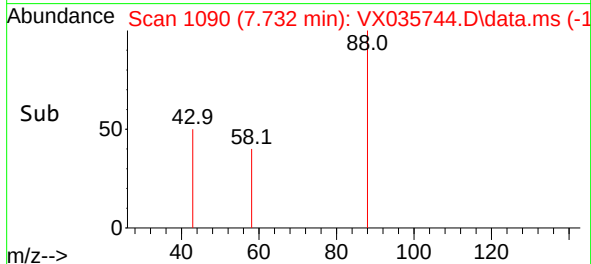
Manual Integrations
APPROVED

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



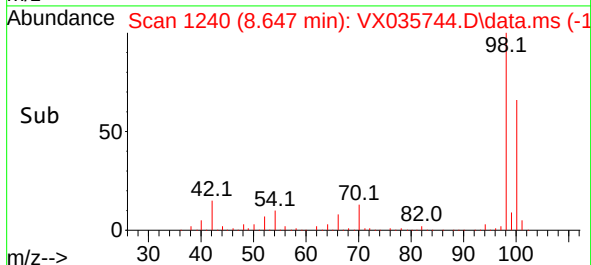
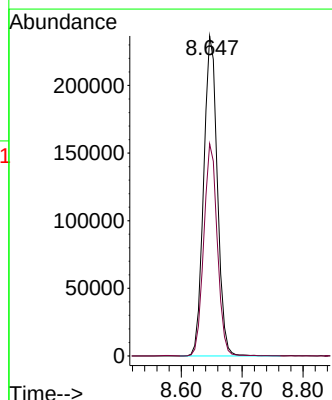
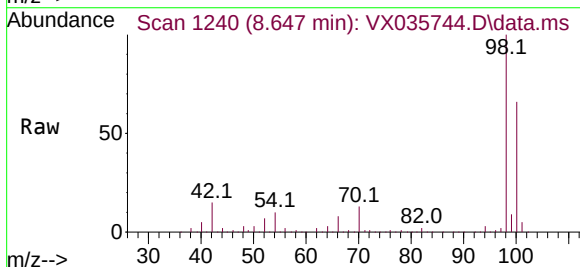
05/19/2023
Supervised By :Mahesh
Dadoda

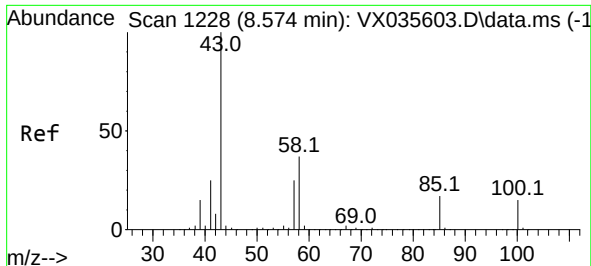
05/19/2023



#50
Toluene-d8
Concen: 52.250 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX035744.D
Acq: 18 May 2023 15:56

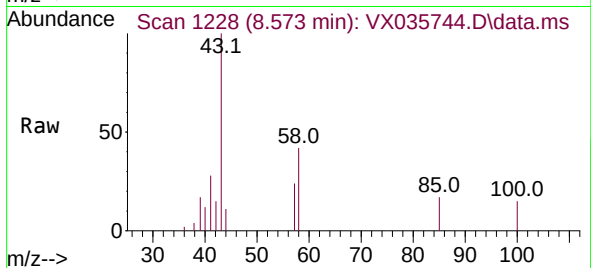
Tgt Ion: 98 Resp: 369103
Ion Ratio Lower Upper
98 100
100 65.8 52.5 78.7





#51
4-Methyl-2-Pentanone
Concen: 1.268 ug/l
RT: 8.573 min Scan# 11
Delta R.T. -0.001 min
Lab File: VX035744.D
Acq: 18 May 2023 15:56

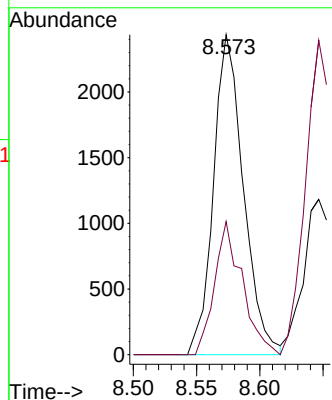
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2023



Tgt Ion: 43 Resp: 4010
Ion Ratio Lower Upper
43 100
58 38.5 30.6 46.0

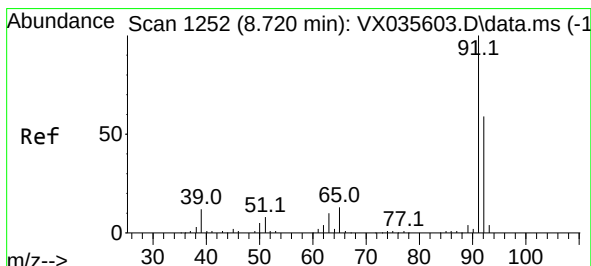
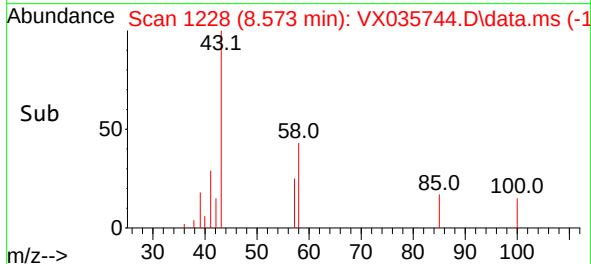
Manual Integrations
APPROVED

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



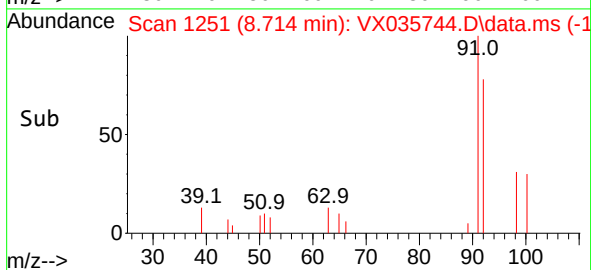
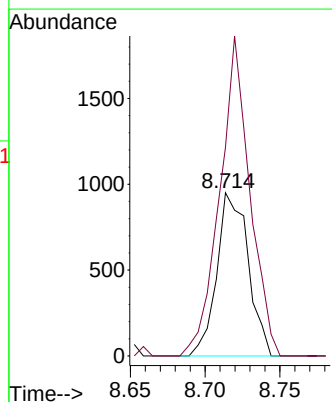
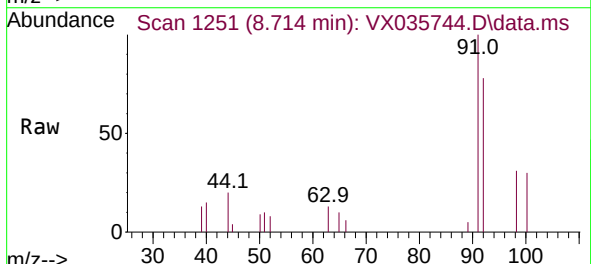
05/19/2023
Supervised By :Mahesh
Dadoda

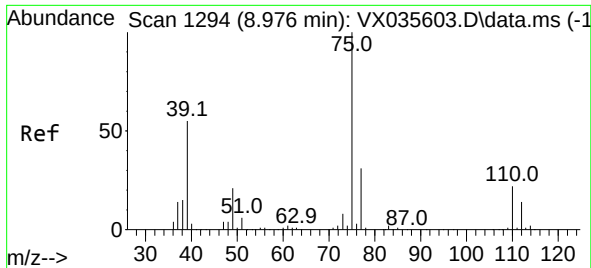
05/19/2023



#52
Toluene
Concen: 0.259 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX035744.D
Acq: 18 May 2023 15:56

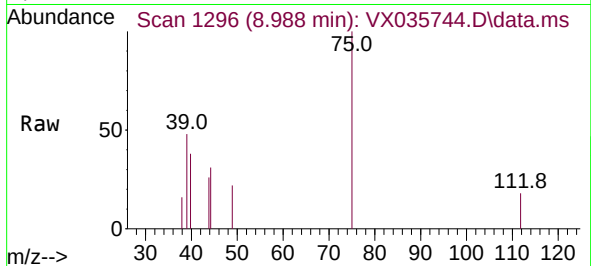
Tgt Ion: 92 Resp: 1382
Ion Ratio Lower Upper
92 100
91 188.9 136.8 205.2





#53
t-1,3-Dichloropropene
Concen: 0.220 ug/l
RT: 8.988 min Scan# 1296
Delta R.T. 0.012 min
Lab File: VX035744.D
Acq: 18 May 2023 15:56

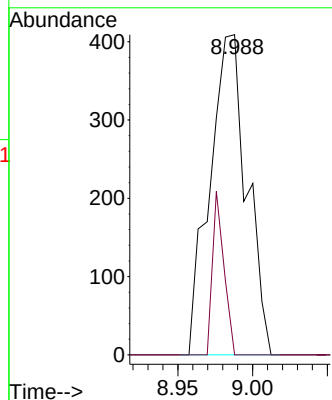
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2023



Tgt Ion: 75 Resp: 70
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.2

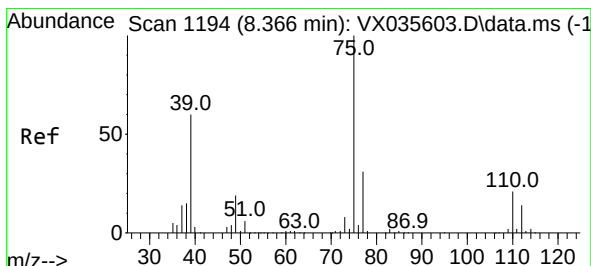
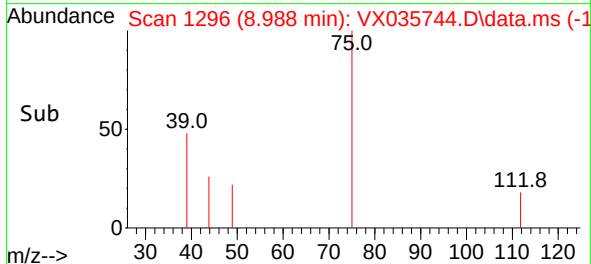
Manual Integrations
APPROVED

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



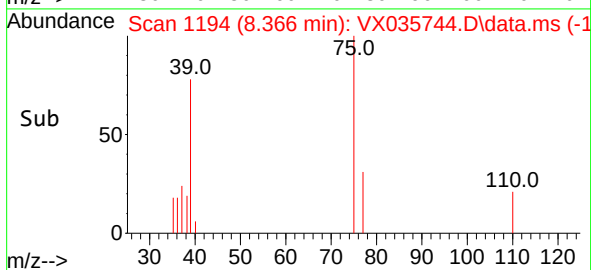
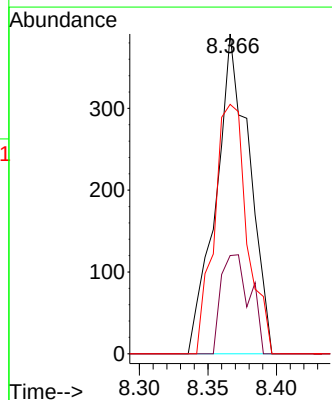
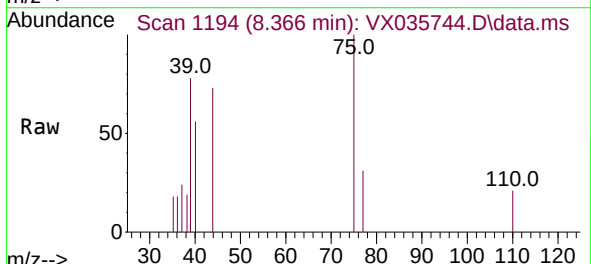
05/19/2023
Supervised By :Mahesh
Dadoda

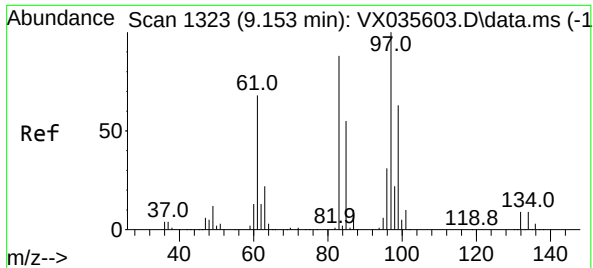
05/19/2023



#54
cis-1,3-Dichloropropene
Concen: 0.193 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX035744.D
Acq: 18 May 2023 15:56

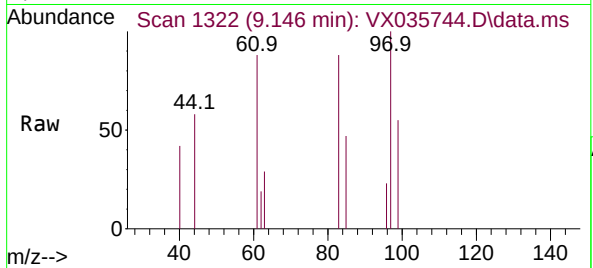
Tgt Ion: 75 Resp: 664
Ion Ratio Lower Upper
75 100
77 30.7 25.0 37.4
39 78.0 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 0.208 ug/l
RT: 9.146 min Scan# 1323
Delta R.T. -0.007 min
Lab File: VX035744.D
Acq: 18 May 2023 15:56

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2023



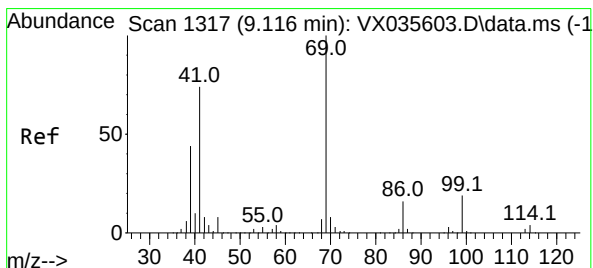
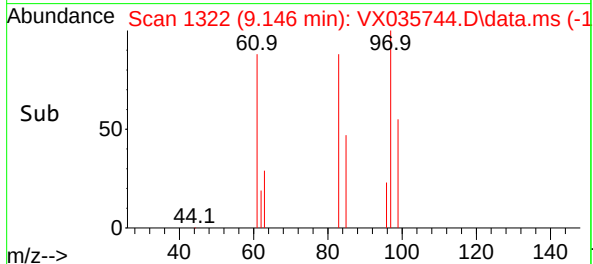
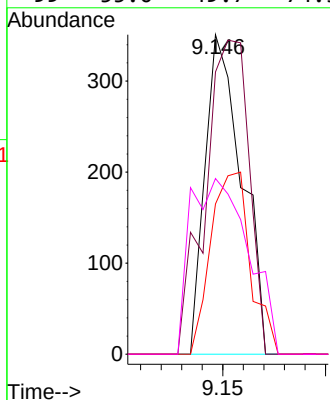
Tgt Ion	Ratio	Lower	Upper
97	100		
83	88.3	69.7	104.5
85	47.0	43.7	65.5
99	55.0	49.7	74.5

Manual Integrations
APPROVED

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

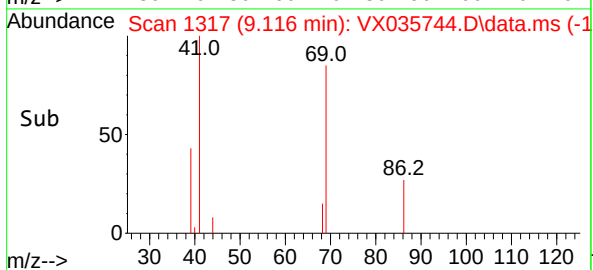
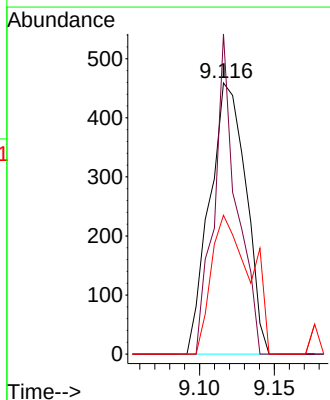
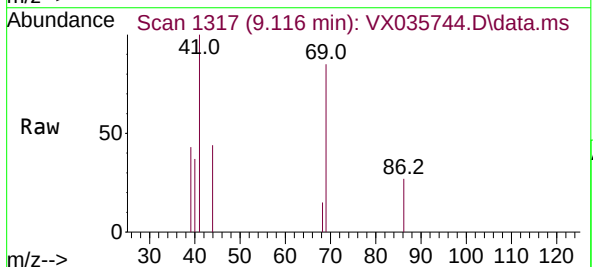
05/19/2023
Supervised By :Mahesh Dadoda

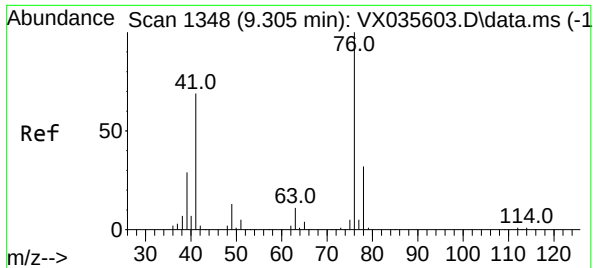
05/19/2023



#56
Ethyl methacrylate
Concen: 0.229 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX035744.D
Acq: 18 May 2023 15:56

Tgt Ion	Ratio	Lower	Upper
69	100		
41	72.8	57.4	86.0
39	54.3	33.7	50.5





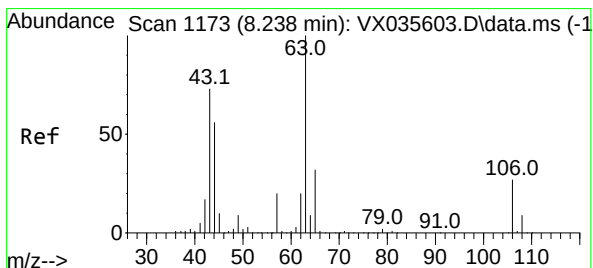
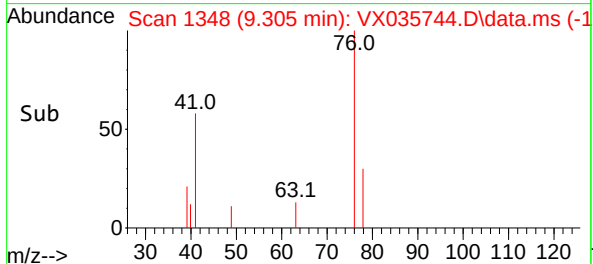
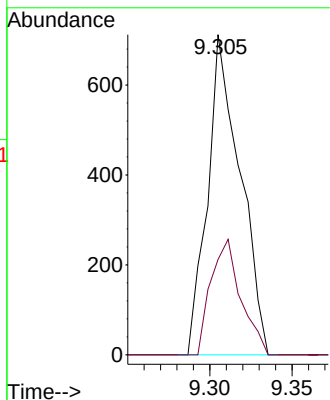
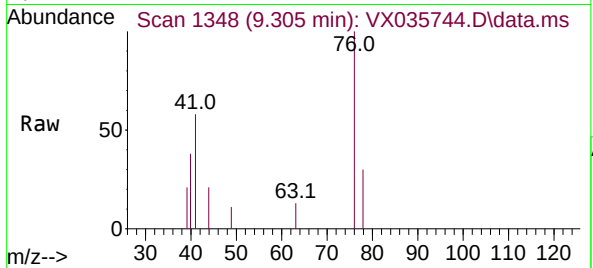
#57
1,3-Dichloropropane
Concen: 0.257 ug/l
RT: 9.305 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX035744.D
Acq: 18 May 2023 15:56

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2023

Tgt Ion: 76 Resp: 97
Ion Ratio Lower Upper
76 100
78 33.3 25.8 38.8

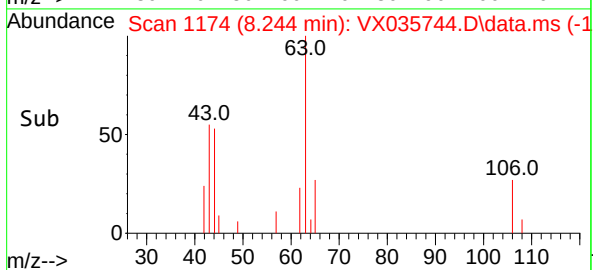
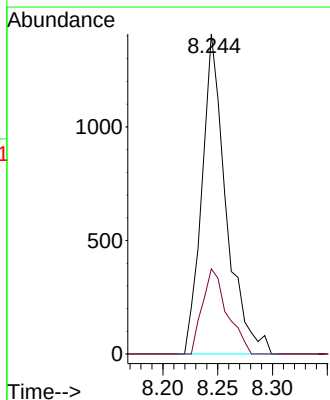
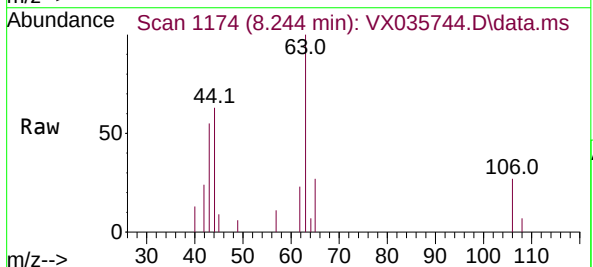
Manual Integrations
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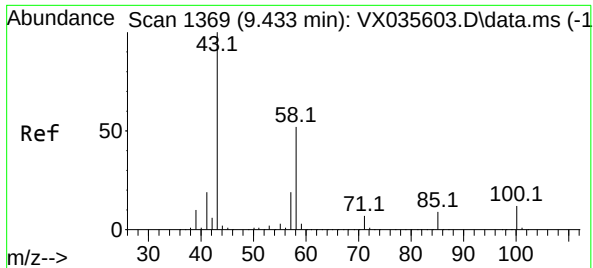
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#58
2-Chloroethyl Vinyl ether
Concen: 1.251 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VX035744.D
Acq: 18 May 2023 15:56

Tgt Ion: 63 Resp: 2157
Ion Ratio Lower Upper
63 100
106 27.3 22.2 33.2





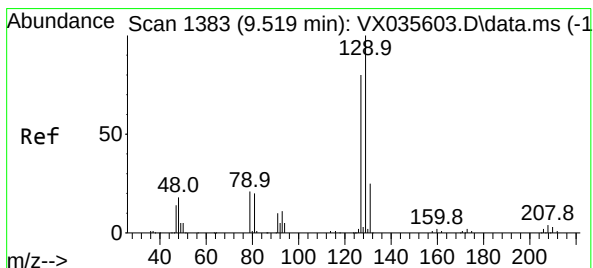
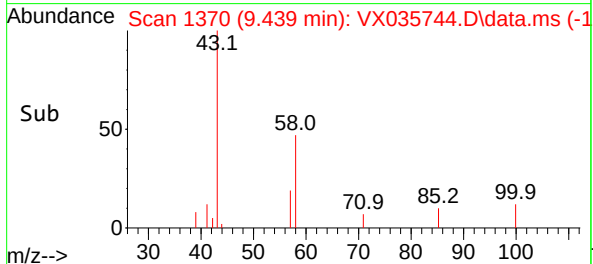
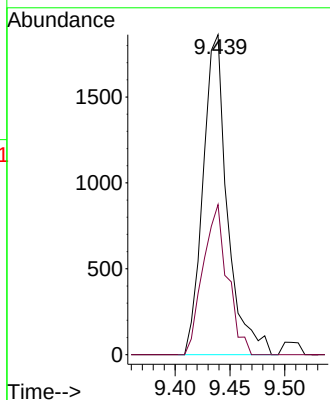
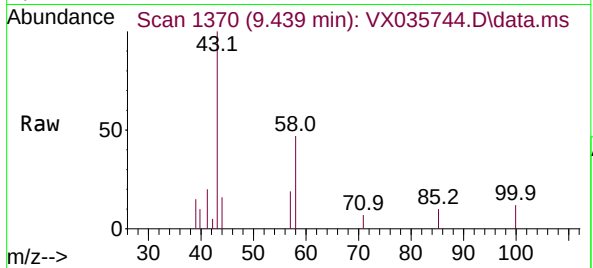
#59
2-Hexanone
Concen: 1.206 ug/l
RT: 9.439 min Scan# 1370
Delta R.T. 0.006 min
Lab File: VX035744.D
Acq: 18 May 2023 15:56

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2023

Tgt Ion: 43 Resp: 287
Ion Ratio Lower Upper
43 100
58 47.4 26.3 78.9

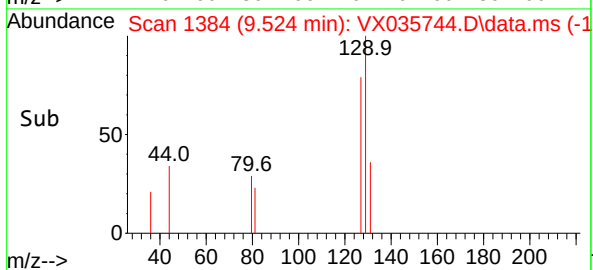
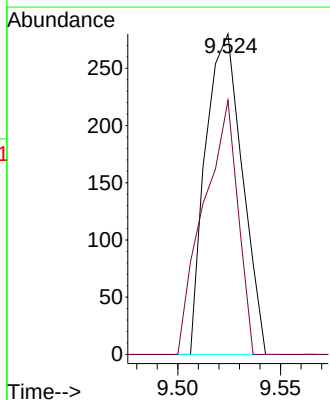
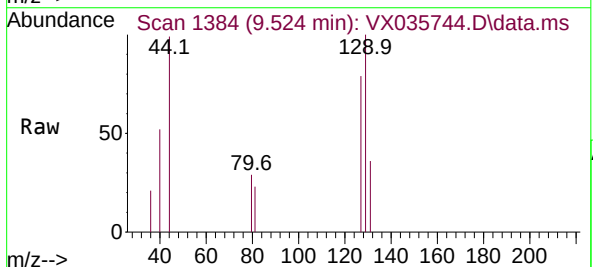
Manual Integrations
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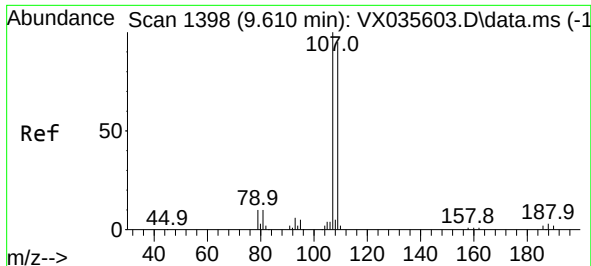
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#60
Dibromochloromethane
Concen: 0.174 ug/l
RT: 9.524 min Scan# 1384
Delta R.T. 0.005 min
Lab File: VX035744.D
Acq: 18 May 2023 15:56

Tgt Ion:129 Resp: 348
Ion Ratio Lower Upper
129 100
127 73.6 39.0 117.0





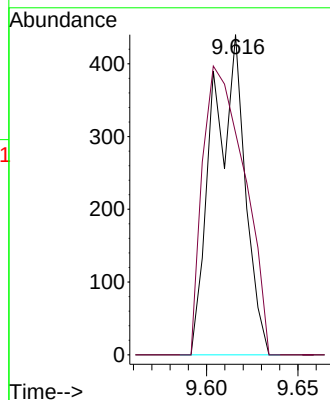
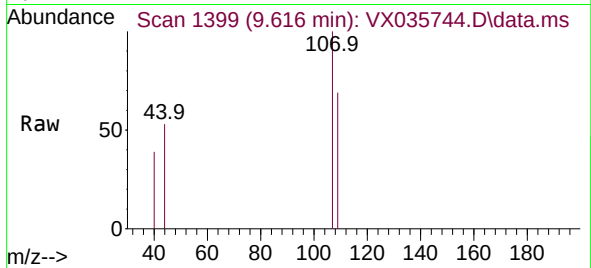
#61
1,2-Dibromoethane
Concen: 0.246 ug/l
RT: 9.616 min Scan# 1399
Delta R.T. 0.006 min
Lab File: VX035744.D
Acq: 18 May 2023 15:56

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2023

Tgt Ion:107 Resp: 543
Ion Ratio Lower Upper
107 100
109 116.0 75.3 112.9

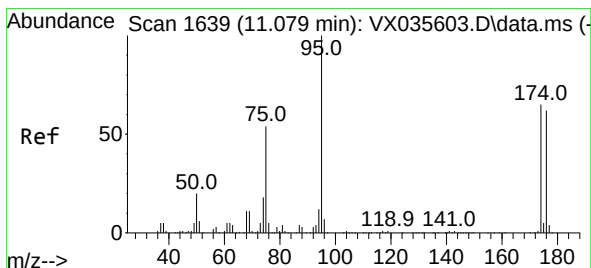
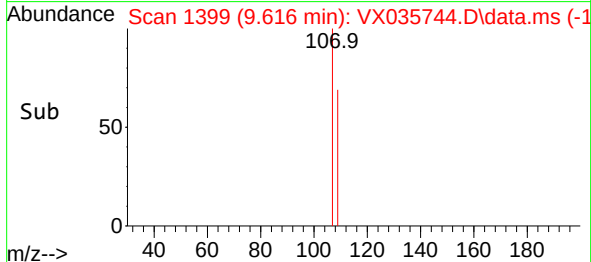
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Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



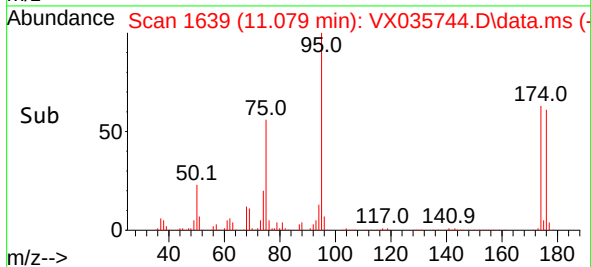
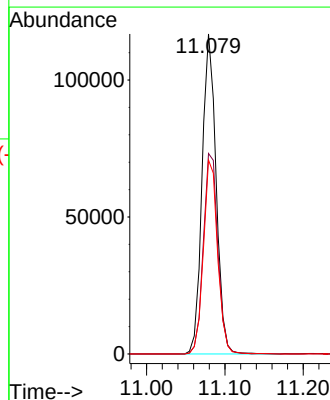
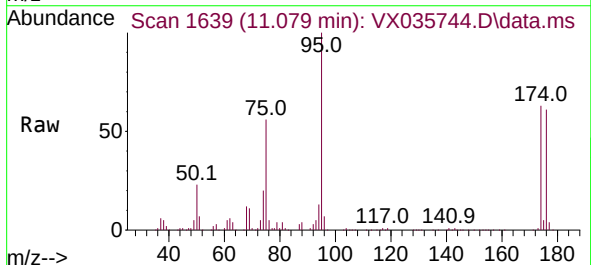
05/19/2023
Supervised By :Mahesh
Dadoda

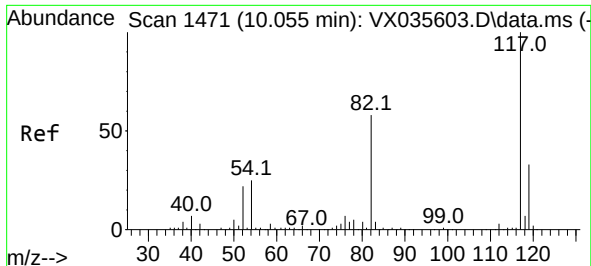
05/19/2023



#62
4-Bromofluorobenzene
Concen: 50.958 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035744.D
Acq: 18 May 2023 15:56

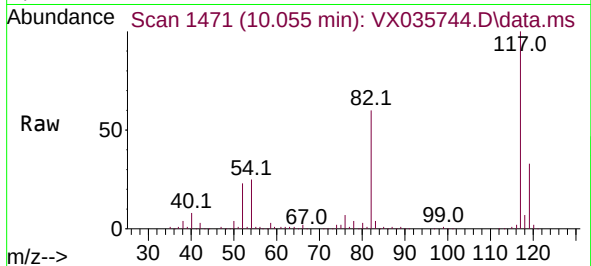
Tgt Ion: 95 Resp: 144943
Ion Ratio Lower Upper
95 100
174 65.0 0.0 147.4
176 61.5 0.0 140.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035744.D
Acq: 18 May 2023 15:56

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2023



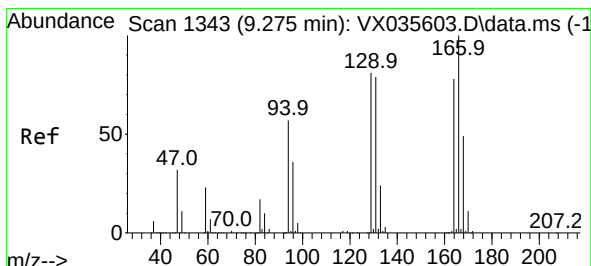
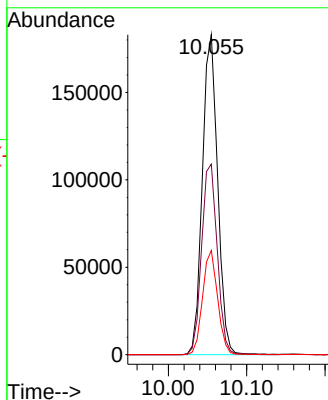
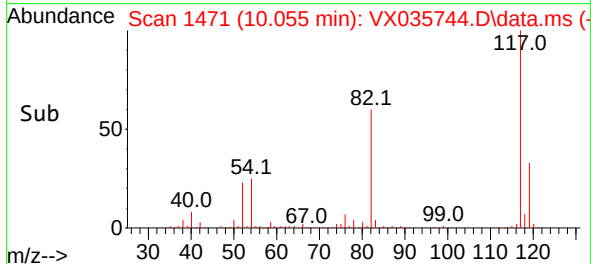
Tgt Ion:117 Resp: 248020
Ion Ratio Lower Upper
117 100
82 59.6 45.0 67.4
119 32.5 26.0 39.0

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

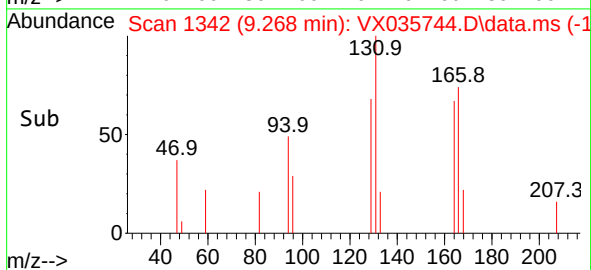
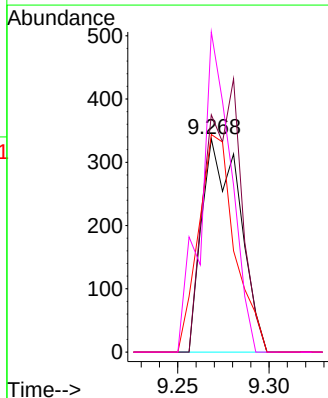
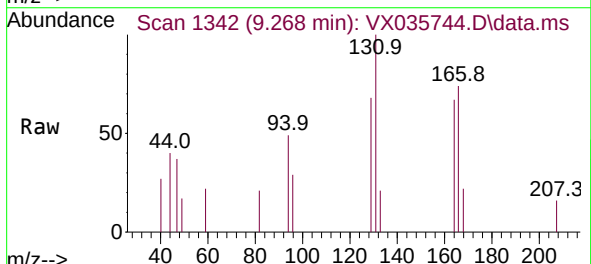
05/19/2023
Supervised By :Mahesh
Dadoda

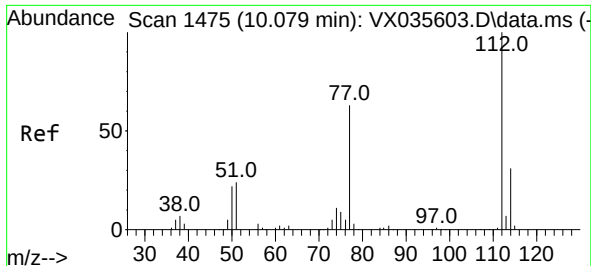
05/19/2023



#64
Tetrachloroethene
Concen: 0.290 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.007 min
Lab File: VX035744.D
Acq: 18 May 2023 15:56

Tgt Ion:164 Resp: 485
Ion Ratio Lower Upper
164 100
166 111.3 102.7 154.1
129 102.1 75.6 113.4
131 150.1 73.7 110.5#





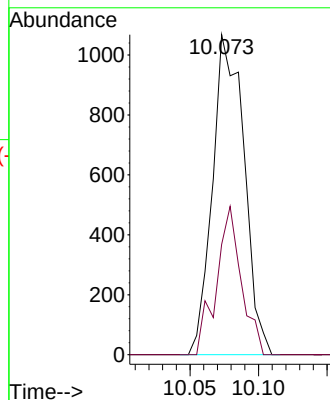
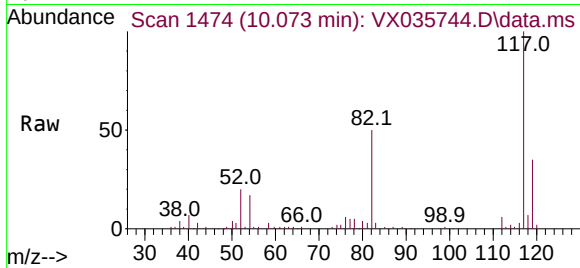
#65
Chlorobenzene
Concen: 0.315 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX035744.D
Acq: 18 May 2023 15:56

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2023

Tgt Ion:112 Resp: 170
Ion Ratio Lower Upper
112 100
114 34.5 26.2 39.2

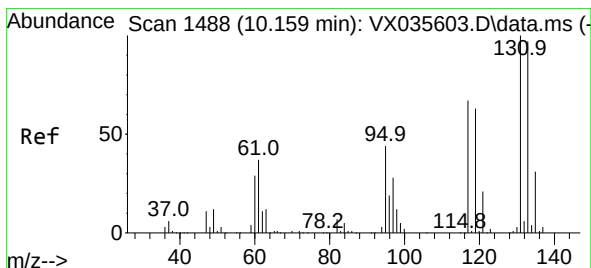
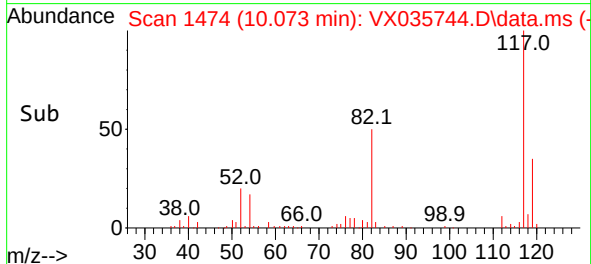
Manual Integrations
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Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



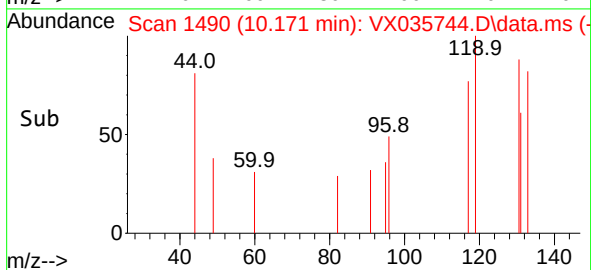
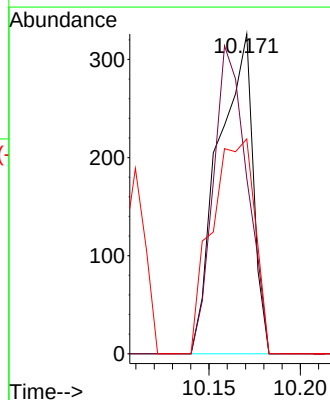
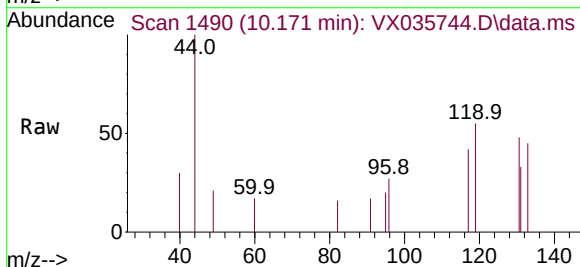
05/19/2023
Supervised By :Mahesh
Dadoda

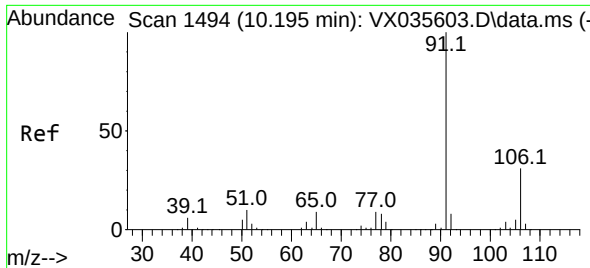
05/19/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 0.224 ug/l
RT: 10.171 min Scan# 1490
Delta R.T. 0.012 min
Lab File: VX035744.D
Acq: 18 May 2023 15:56

Tgt Ion:131 Resp: 428
Ion Ratio Lower Upper
131 100
133 93.9 47.1 141.4
119 0.0 32.6 98.0#





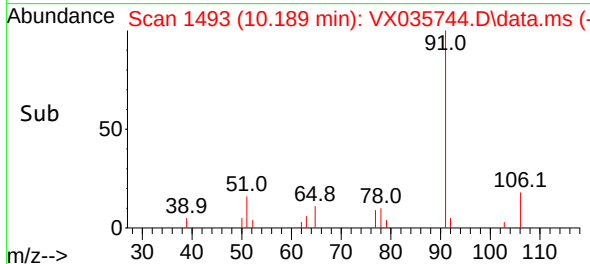
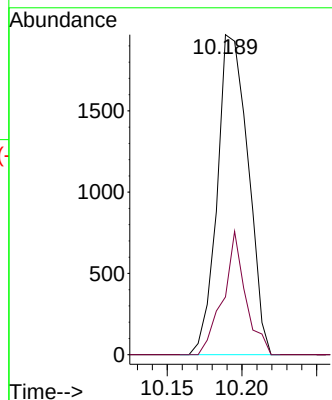
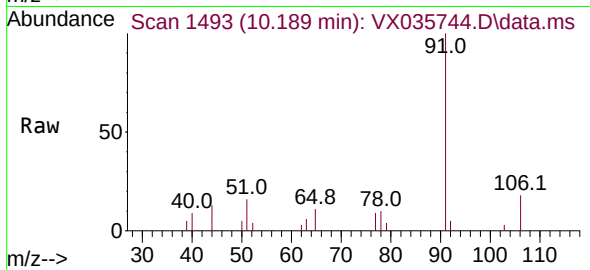
#67
Ethyl Benzene
Concen: 0.277 ug/l
RT: 10.189 min Scan# 1494
Delta R.T. -0.006 min
Lab File: VX035744.D
Acq: 18 May 2023 15:56

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2023

Tgt Ion: 91 Resp: 282
Ion Ratio Lower Upper
91 100
106 18.0 25.6 38.4

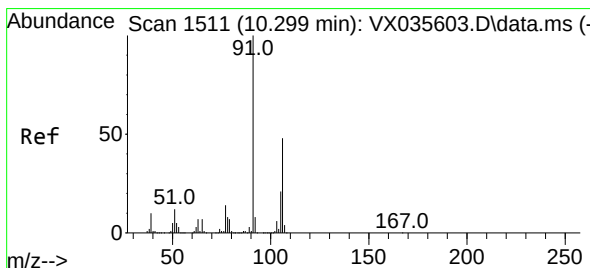
Manual Integrations
APPROVED

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



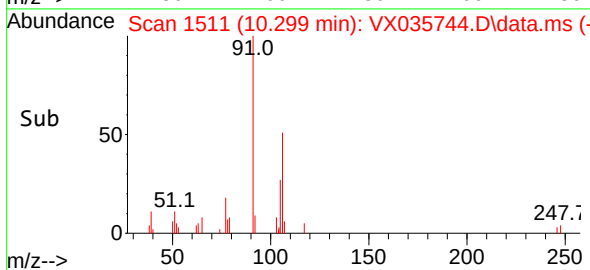
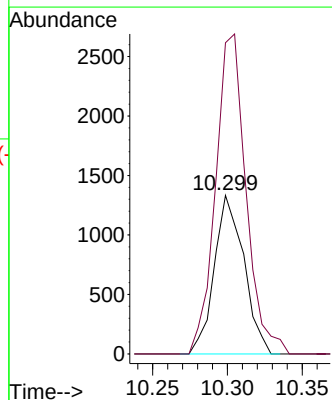
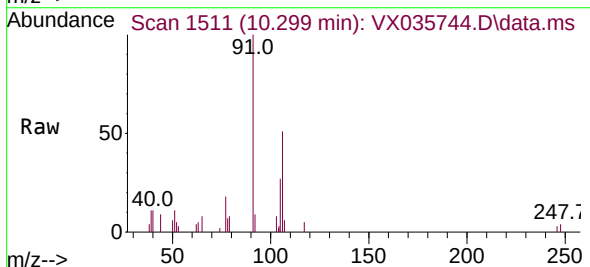
05/19/2023
Supervised By :Mahesh
Dadoda

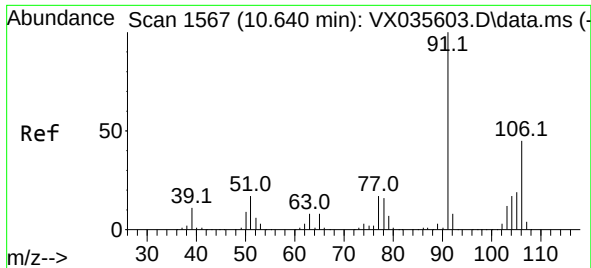
05/19/2023



#68
m/p-Xylenes
Concen: 0.487 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX035744.D
Acq: 18 May 2023 15:56

Tgt Ion:106 Resp: 1832
Ion Ratio Lower Upper
106 100
91 208.1 164.0 246.0





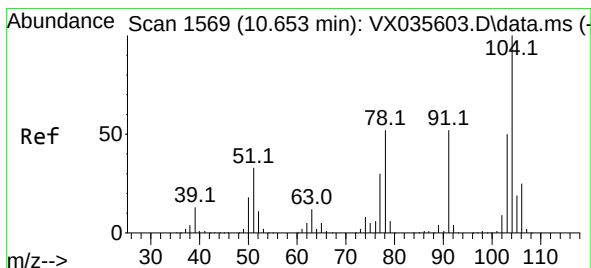
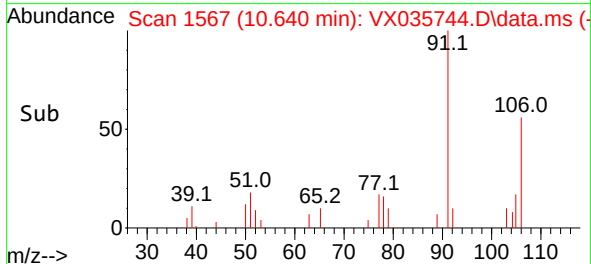
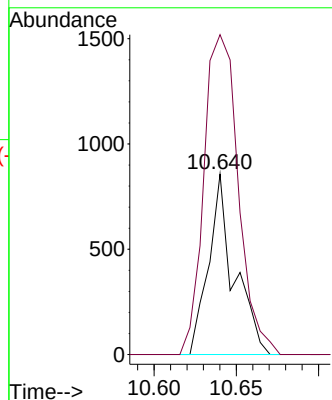
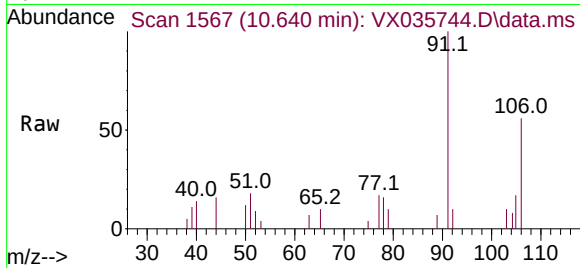
#69
o-Xylene
Concen: 0.248 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX035744.D
Acq: 18 May 2023 15:56

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2023

Tgt Ion:106 Resp: 925
Ion Ratio Lower Upper
106 100
91 239.7 108.5 325.3

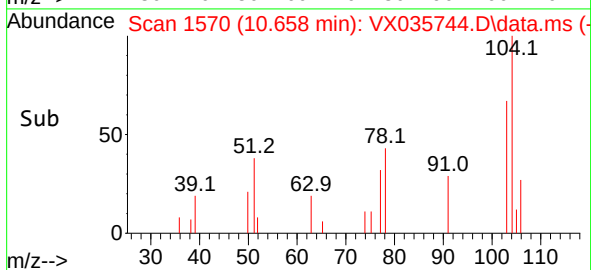
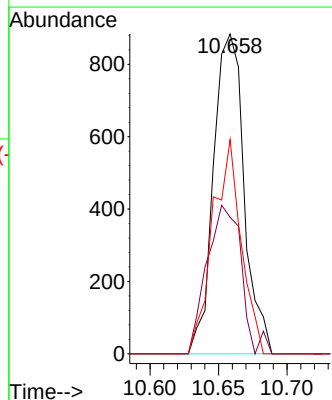
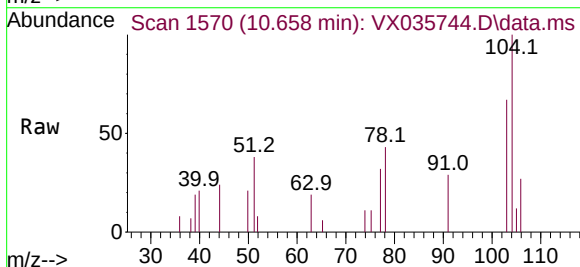
Manual Integrations
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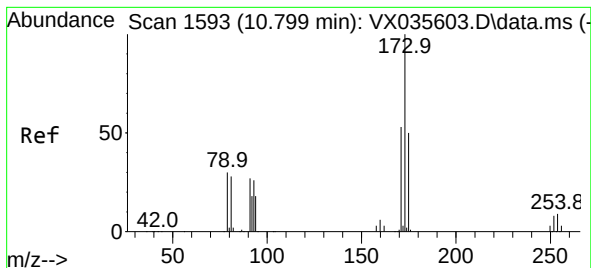
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#70
Styrene
Concen: 0.228 ug/l
RT: 10.658 min Scan# 1570
Delta R.T. 0.005 min
Lab File: VX035744.D
Acq: 18 May 2023 15:56

Tgt Ion:104 Resp: 1373
Ion Ratio Lower Upper
104 100
78 52.2 43.4 65.2
103 62.4 44.2 66.2





#71

Bromoform

Concen: 0.182 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX035744.D

Acq: 18 May 2023 15:56

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2023

Tgt Ion:	173	Resp:	229
Ion Ratio	Lower	Upper	
173	100		
175	0.0	24.1	72.4
254	0.0	0.1	0.1

Manual Integrations

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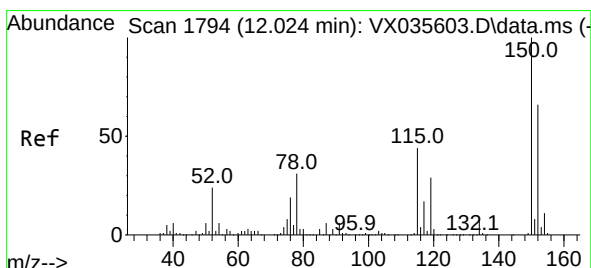
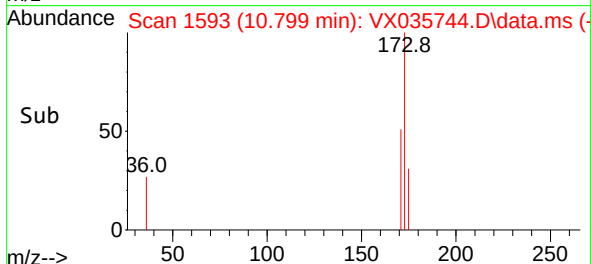
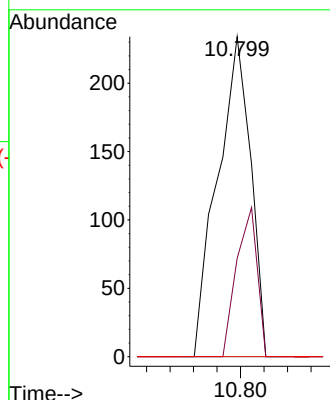
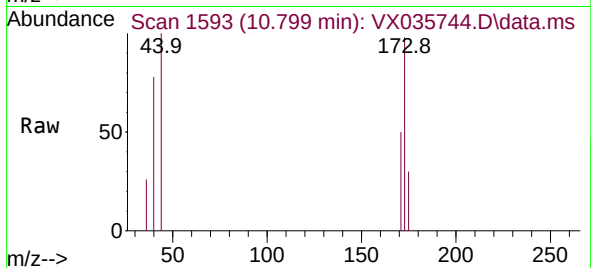
Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023

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Supervised By :Mahesh
Dadoda

05/19/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

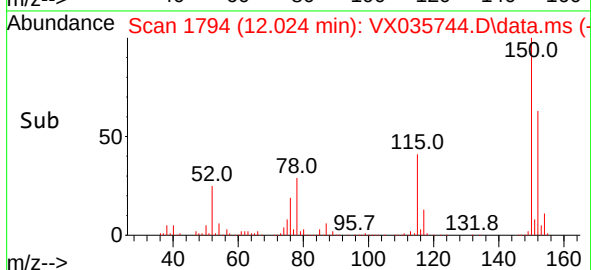
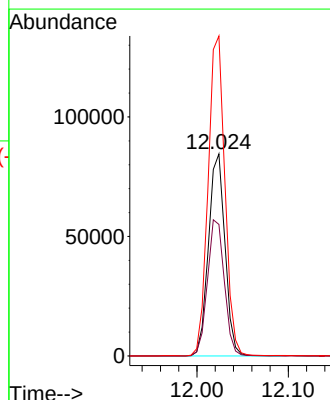
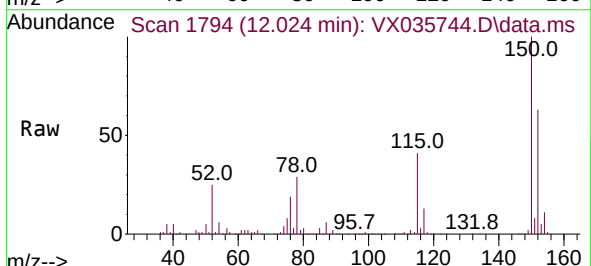
RT: 12.024 min Scan# 1794

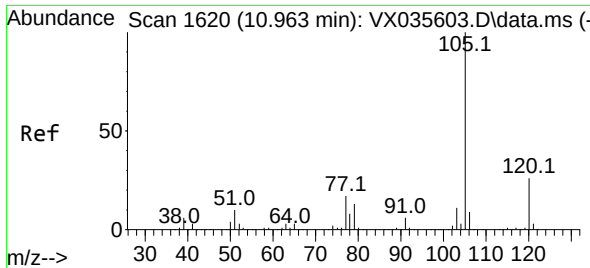
Delta R.T. -0.000 min

Lab File: VX035744.D

Acq: 18 May 2023 15:56

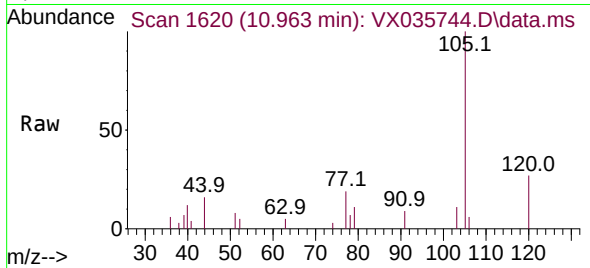
Tgt Ion:	152	Resp:	105960
Ion Ratio	Lower	Upper	
152	100		
115	68.9	45.0	135.0
150	160.7	0.0	352.4





#73
Isopropylbenzene
Concen: 0.276 ug/l
RT: 10.963 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VX035744.D
Acq: 18 May 2023 15:56

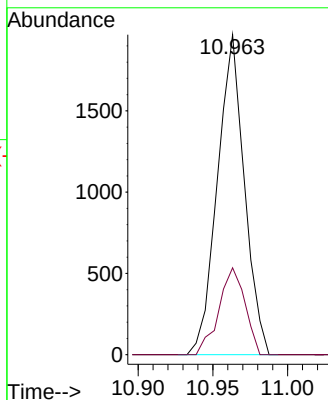
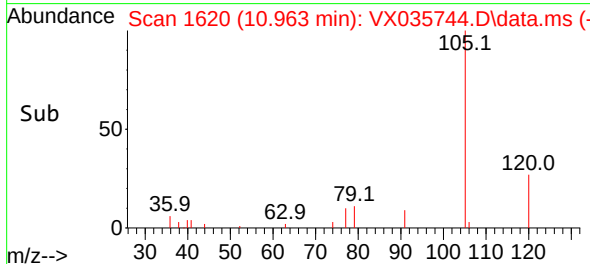
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2023



Tgt Ion: 105 Resp: 246
Ion Ratio Lower Upper
105 100
120 26.3 13.3 39.9

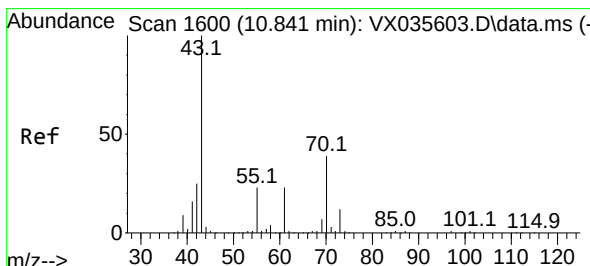
Manual Integrations
APPROVED

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

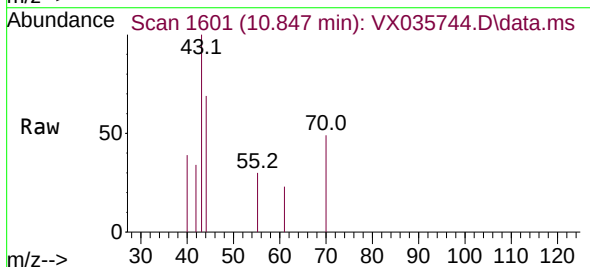


05/19/2023
Supervised By : Mahesh Dadoda

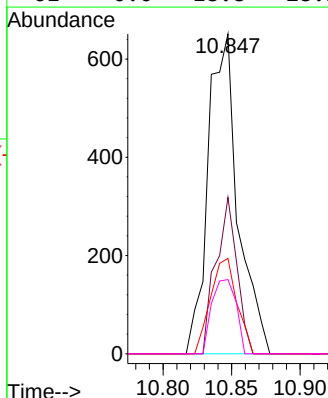
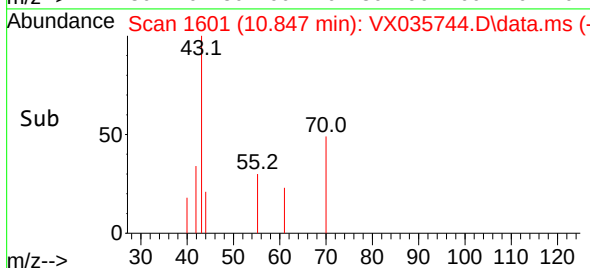
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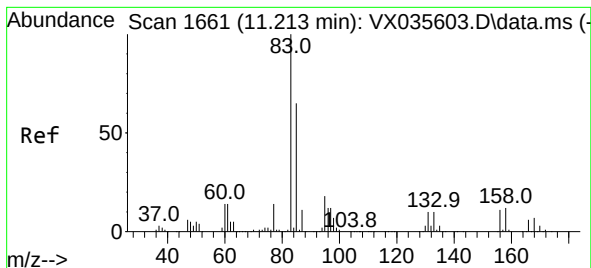


#74
N-ethyl acetate
Concen: 0.237 ug/l
RT: 10.847 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VX035744.D
Acq: 18 May 2023 15:56



Tgt Ion: 43 Resp: 985
Ion Ratio Lower Upper
43 100
70 34.6 32.1 48.1
55 26.5 18.3 27.5
61 0.0 18.8 28.2#





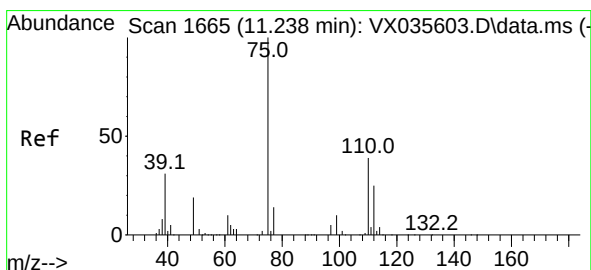
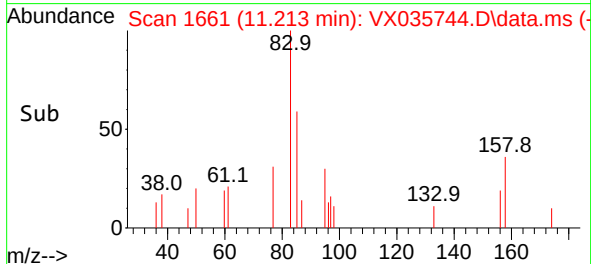
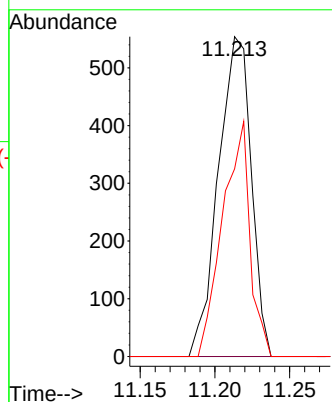
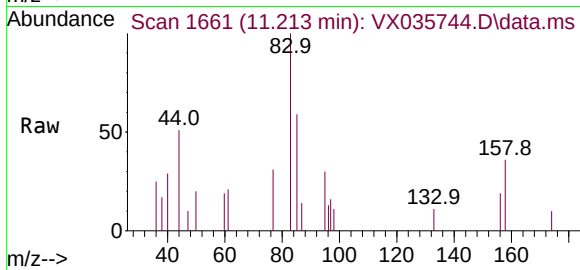
#75
1,1,2,2-Tetrachloroethane
Concen: 0.293 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX035744.D
Acq: 18 May 2023 15:56

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2023

Tgt Ion: 83 Resp: 844
Ion Ratio Lower Upper
83 100
131 0.0 4.8 14.3
85 61.0 32.0 96.0

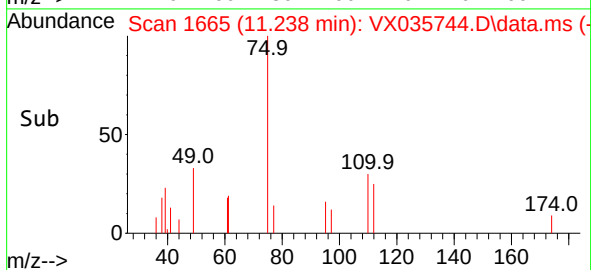
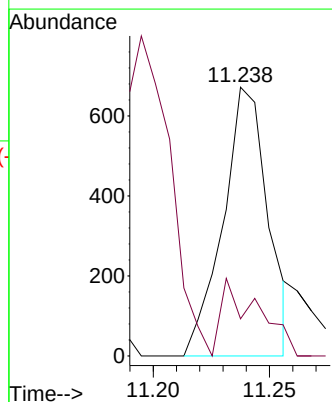
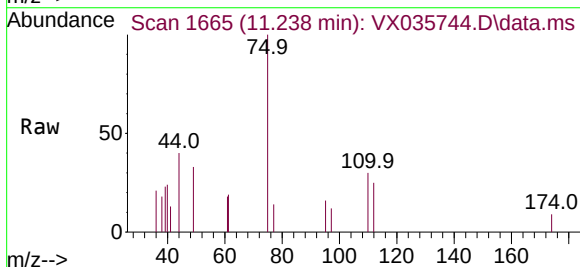
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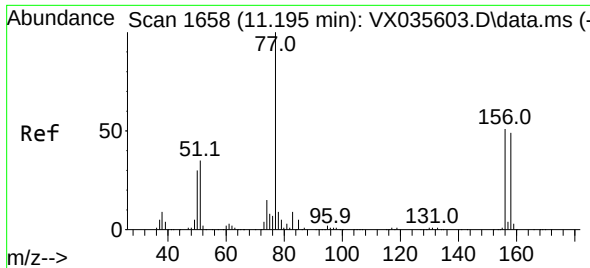
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#76
1,2,3-Trichloropropane
Concen: 0.350 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX035744.D
Acq: 18 May 2023 15:56

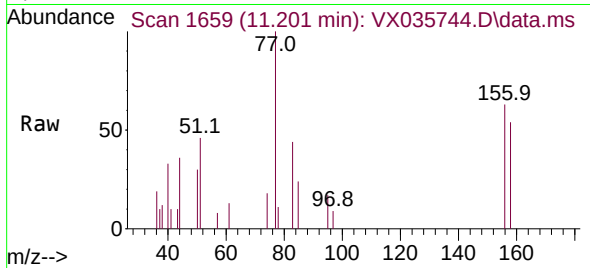
Tgt Ion: 75 Resp: 906
Ion Ratio Lower Upper
75 100
77 78.5 21.6 64.8#





#77
Bromobenzene
Concen: 0.316 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VX035744.D
Acq: 18 May 2023 15:56

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2023



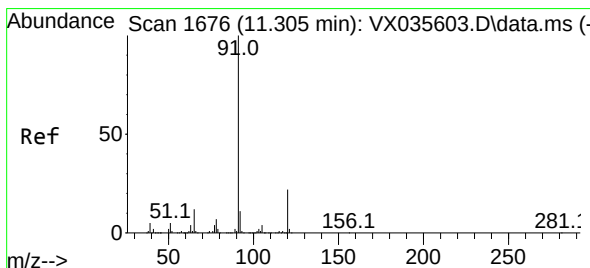
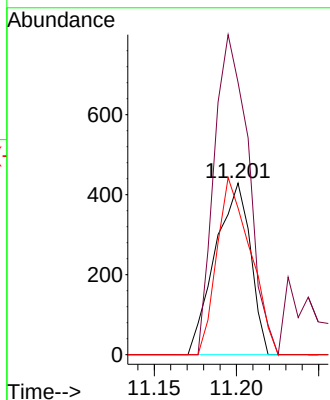
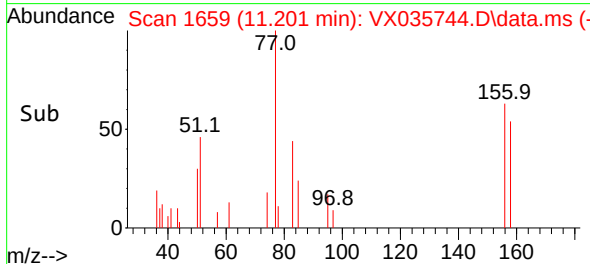
Tgt Ion: 156 Resp: 640
Ion Ratio Lower Upper
156 100
77 180.5 86.7 259.9
158 98.3 48.0 144.0

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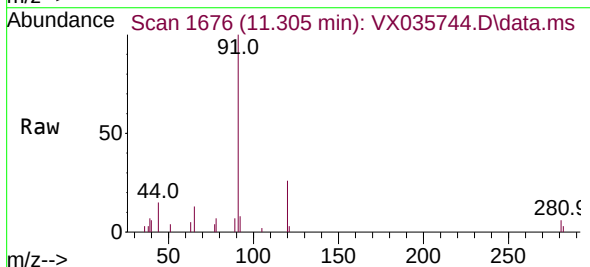
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023

05/19/2023
Supervised By :Mahesh
Dadoda

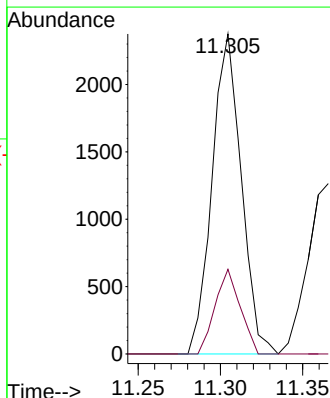
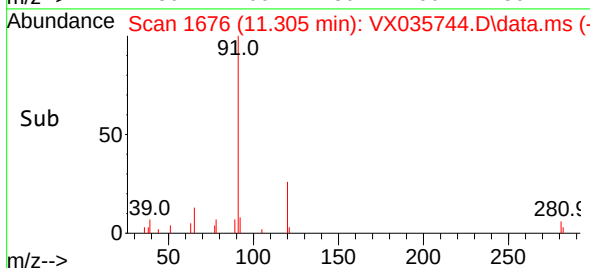
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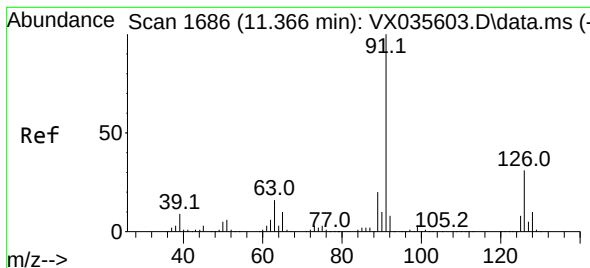


#78
n-propylbenzene
Concen: 0.279 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX035744.D
Acq: 18 May 2023 15:56



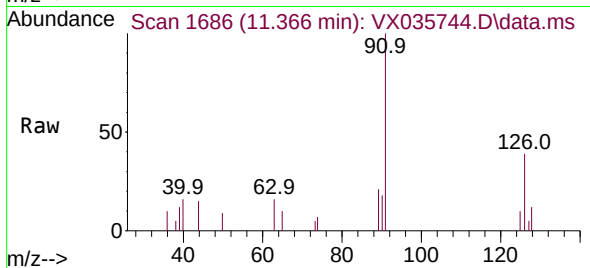
Tgt Ion: 91 Resp: 2928
Ion Ratio Lower Upper
91 100
120 22.7 11.5 34.5





#79
2-Chlorotoluene
Concen: 0.284 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX035744.D
Acq: 18 May 2023 15:56

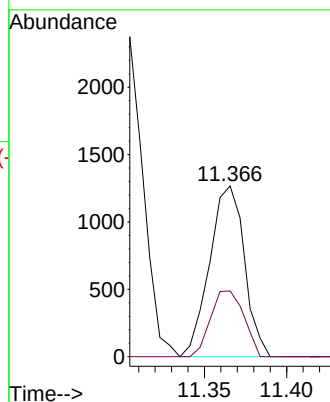
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2023



Tgt Ion: 91 Resp: 1860
Ion Ratio Lower Upper
91 100
126 36.8 16.3 48.9

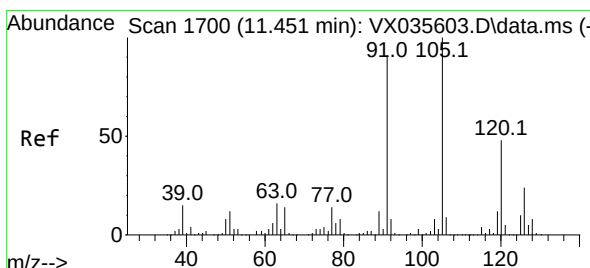
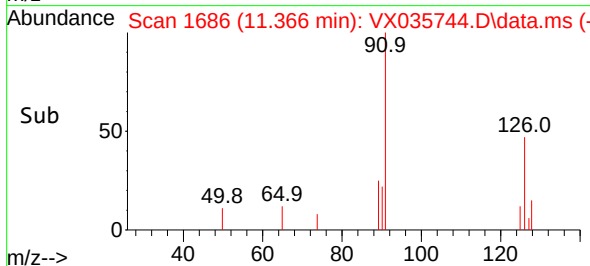
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Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



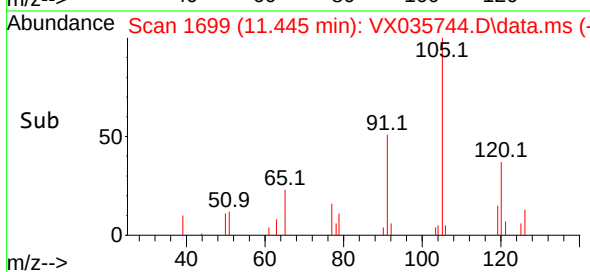
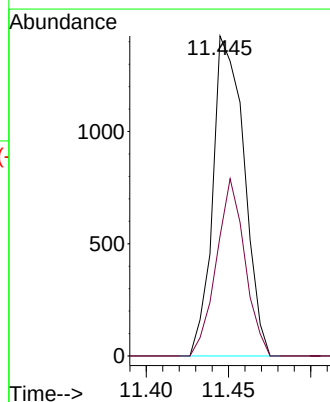
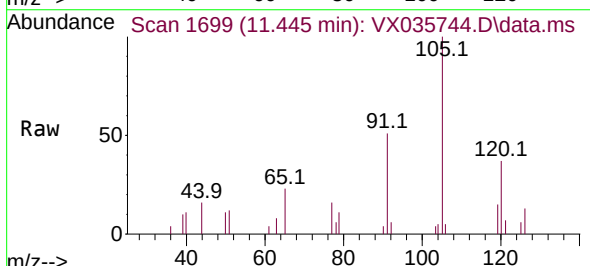
05/19/2023
Supervised By :Mahesh
Dadoda

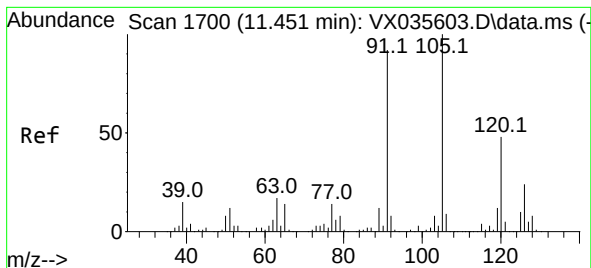
05/19/2023



#80
1,3,5-Trimethylbenzene
Concen: 0.248 ug/l
RT: 11.445 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VX035744.D
Acq: 18 May 2023 15:56

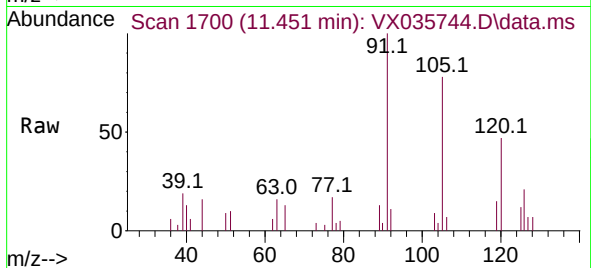
Tgt Ion:105 Resp: 1881
Ion Ratio Lower Upper
105 100
120 50.5 23.7 71.1





#82
4-Chlorotoluene
Concen: 0.299 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX035744.D
Acq: 18 May 2023 15:56

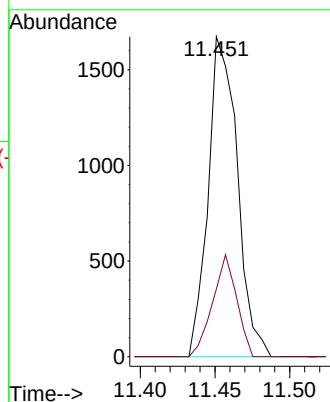
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2023



Tgt Ion: 91 Resp: 226
Ion Ratio Lower Upper
91 100
126 26.3 14.2 42.6

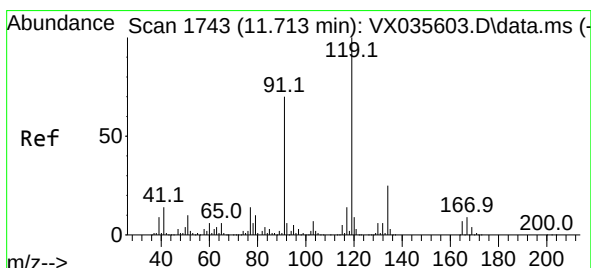
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Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



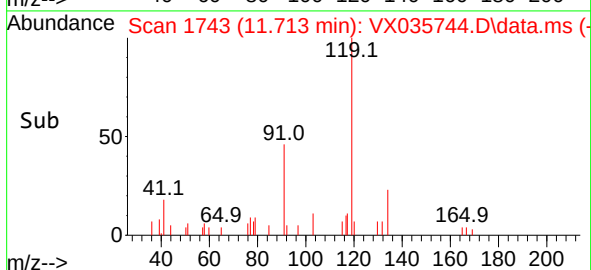
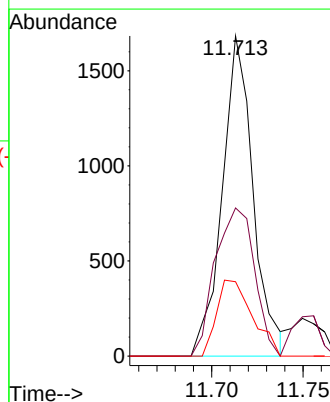
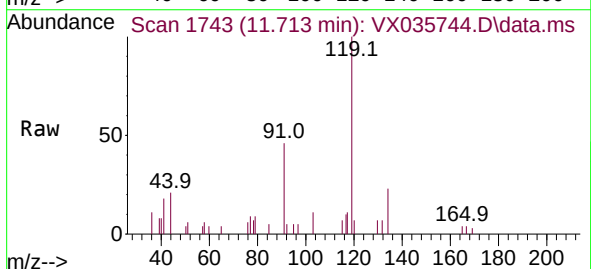
05/19/2023
Supervised By :Mahesh
Dadoda

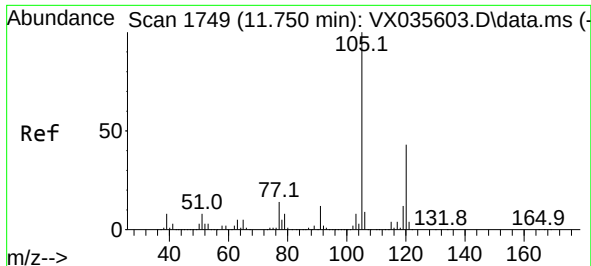
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#83
tert-Butylbenzene
Concen: 0.268 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX035744.D
Acq: 18 May 2023 15:56

Tgt Ion:119 Resp: 1978
Ion Ratio Lower Upper
119 100
91 58.7 30.6 92.0
134 27.5 11.8 35.4





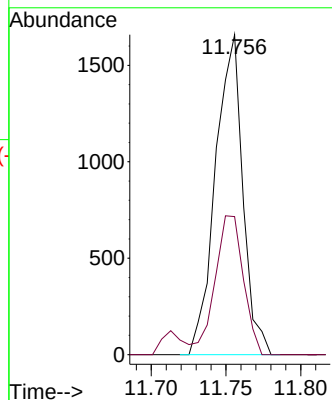
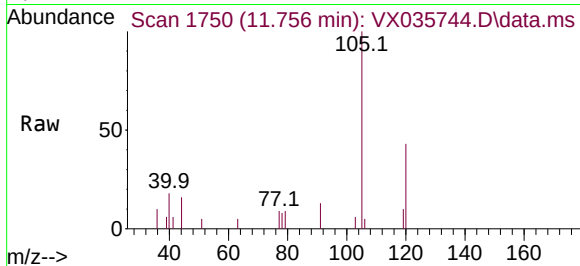
#84
1,2,4-Trimethylbenzene
Concen: 0.277 ug/l
RT: 11.756 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VX035744.D
Acq: 18 May 2023 15:56

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2023

Tgt Ion:105 Resp: 2108
Ion Ratio Lower Upper
105 100
120 45.0 22.4 67.0

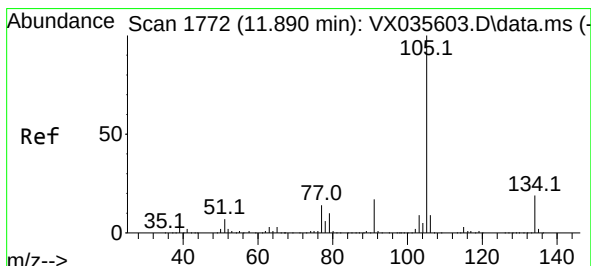
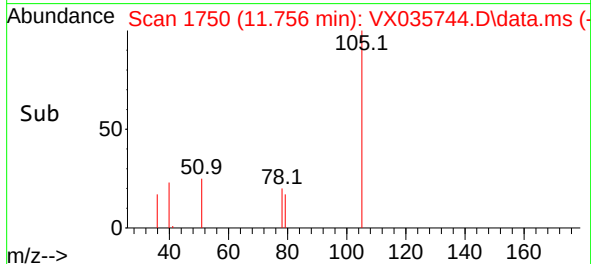
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Supervised By :Mahesh Dadoda 05/19/2023



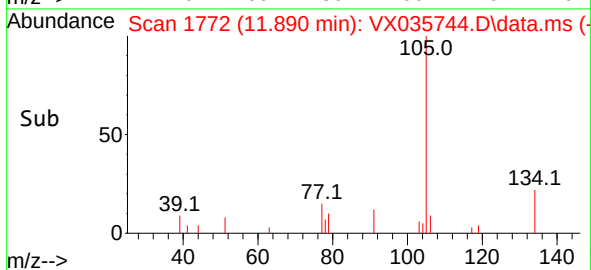
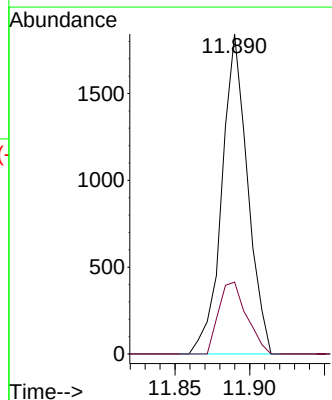
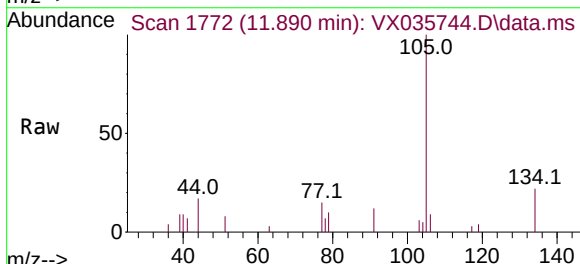
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Supervised By :Mahesh
Dadoda

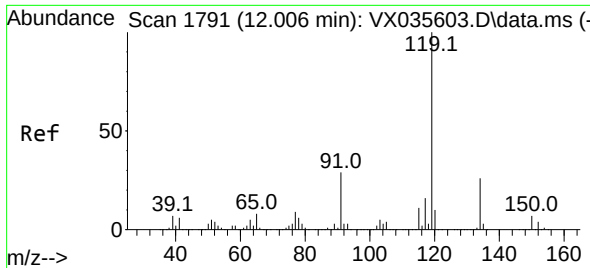
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#85
sec-Butylbenzene
Concen: 0.238 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX035744.D
Acq: 18 May 2023 15:56

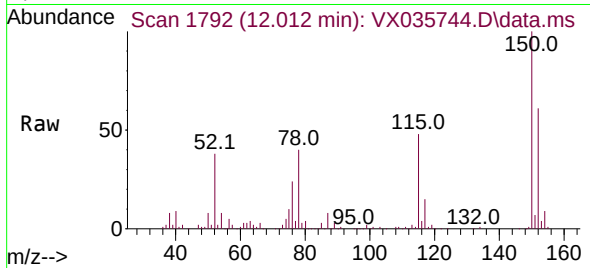
Tgt Ion:105 Resp: 2203
Ion Ratio Lower Upper
105 100
134 24.3 10.2 30.4





#86
p-Isopropyltoluene
Concen: 0.227 ug/l
RT: 12.012 min Scan# 1791
Delta R.T. 0.006 min
Lab File: VX035744.D
Acq: 18 May 2023 15:56

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2023



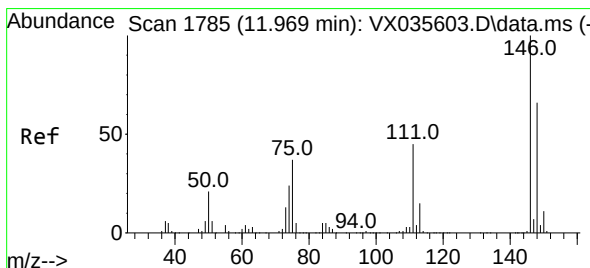
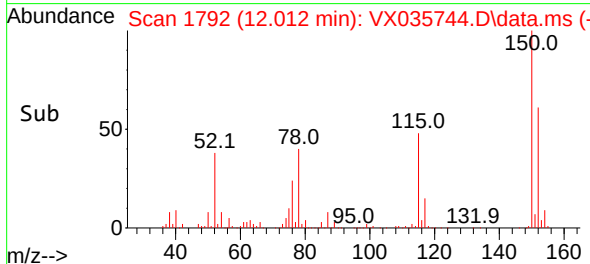
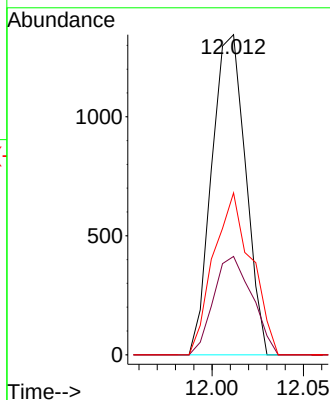
Tgt Ion:119 Resp: 1730
Ion Ratio Lower Upper
119 100
134 35.1 13.2 39.5
91 57.1 12.9 38.7

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Supervised By :Mahesh Dadoda 05/19/2023

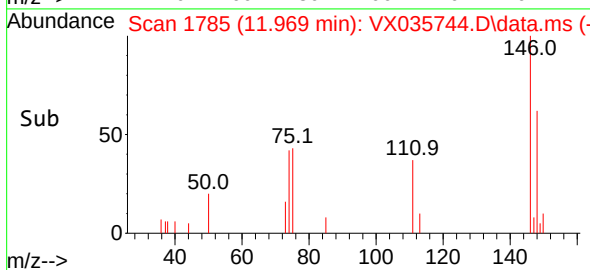
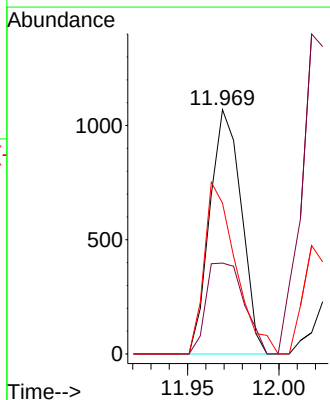
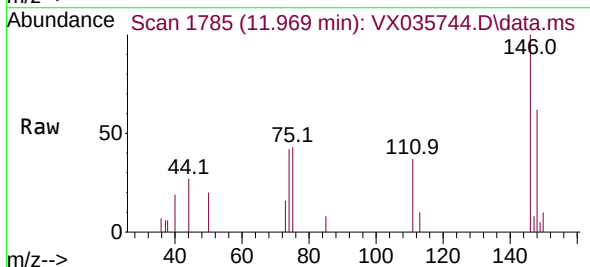
05/19/2023
Supervised By :Mahesh
Dadoda

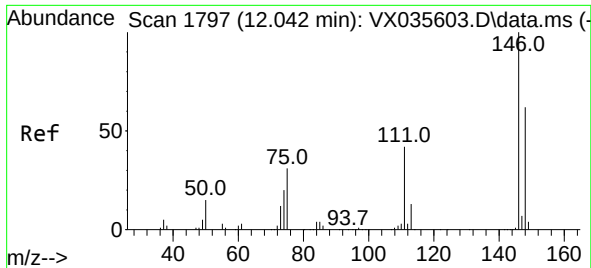
05/19/2023



#87
1,3-Dichlorobenzene
Concen: 0.334 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX035744.D
Acq: 18 May 2023 15:56

Tgt Ion:146 Resp: 1284
Ion Ratio Lower Upper
146 100
111 45.0 20.9 62.8
148 70.2 31.6 95.0





#88
1,4-Dichlorobenzene
Concen: 0.385 ug/l m
RT: 12.036 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX035744.D
Acq: 18 May 2023 15:56

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2023

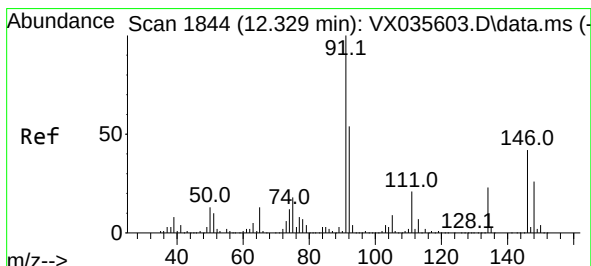
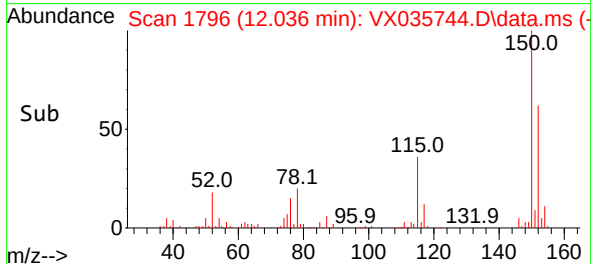
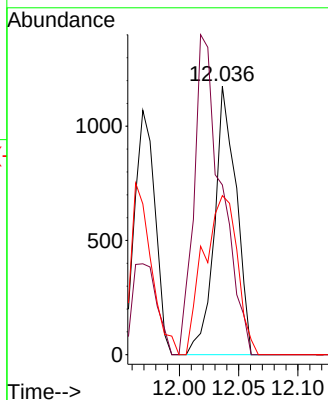
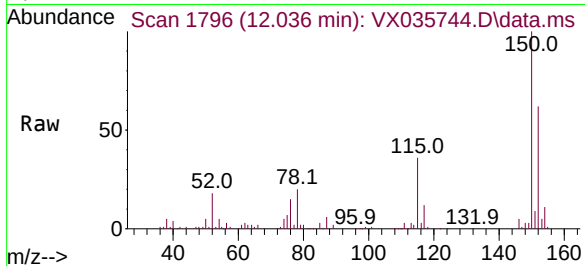
Tgt Ion:146 Resp: 149
Ion Ratio Lower Upper
146 100
111 38.6 20.6 61.9
148 60.2 31.8 95.4

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Supervised By :Mahesh Dadoda 05/19/2023

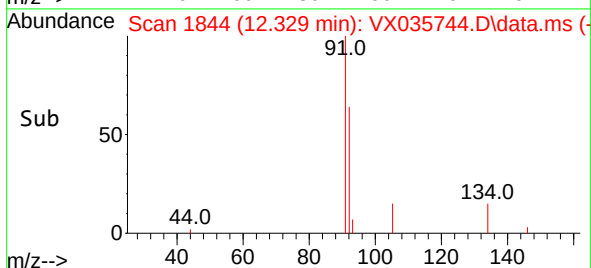
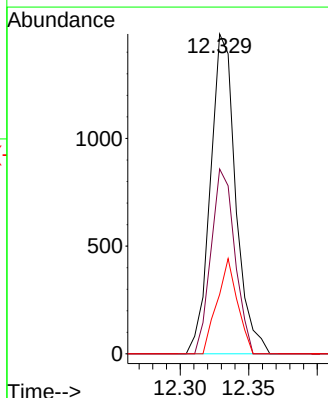
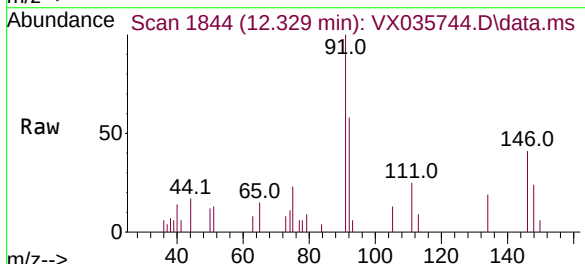
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Supervised By :Mahesh
Dadoda

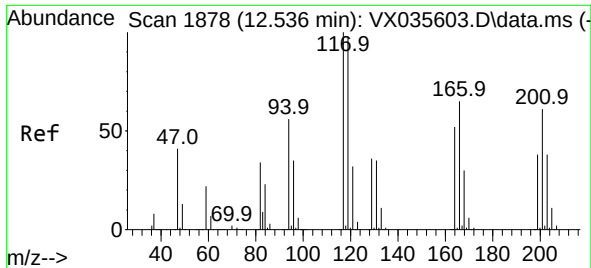
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#89
n-Butylbenzene
Concen: 0.274 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX035744.D
Acq: 18 May 2023 15:56

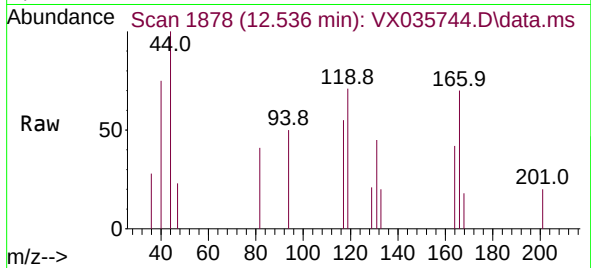
Tgt Ion: 91 Resp: 1899
Ion Ratio Lower Upper
91 100
92 54.5 27.7 83.0
134 24.0 13.0 38.9





#90
Hexachloroethane
Concen: 0.186 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX035744.D
Acq: 18 May 2023 15:56

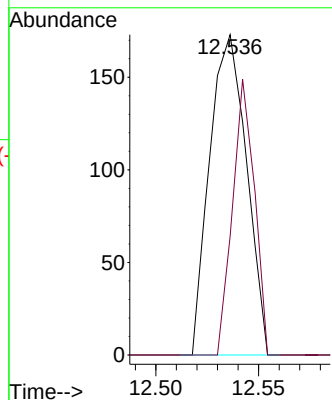
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2023



Tgt Ion:117 Resp: 215
Ion Ratio Lower Upper
117 100
201 51.2 34.4 103.1

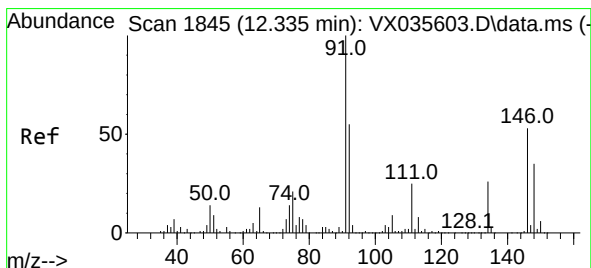
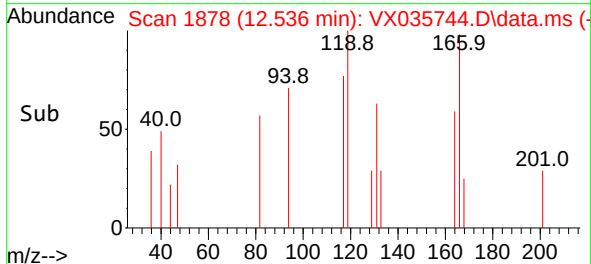
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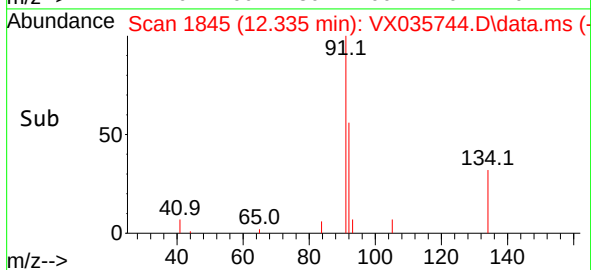
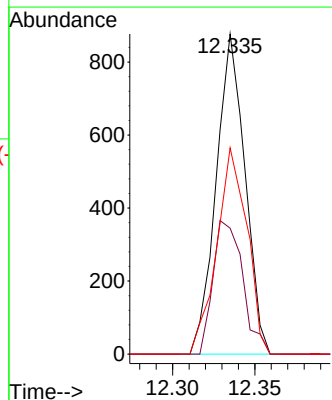
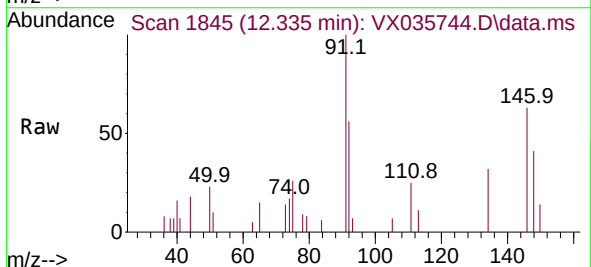
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Supervised By :Mahesh
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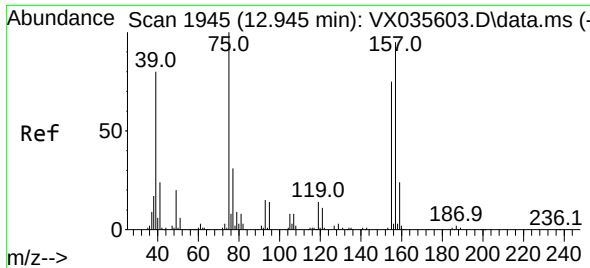
05/19/2023



#91
1,2-Dichlorobenzene
Concen: 0.284 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX035744.D
Acq: 18 May 2023 15:56

Tgt Ion:146 Resp: 1070
Ion Ratio Lower Upper
146 100
111 42.7 22.0 66.0
148 67.7 32.0 96.0





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.185 ug/l

RT: 12.938 min Scan# 1944

Delta R.T. -0.007 min

Lab File: VX035744.D

Acq: 18 May 2023 15:56

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2023

Tgt Ion: 75	Resp: 119
Ion Ratio	Lower Upper
75	100
155	59.7 38.4 115.1
157	0.0 49.9 149.7

Manual Integrations

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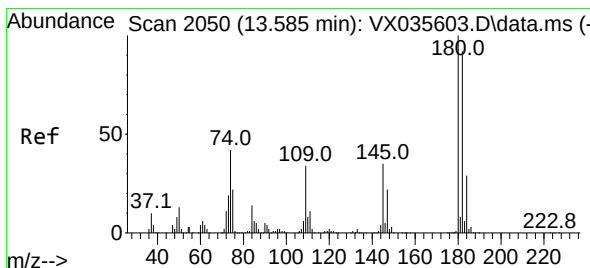
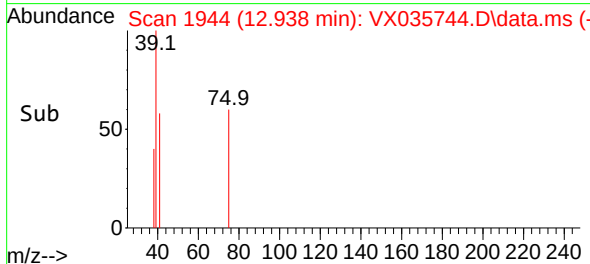
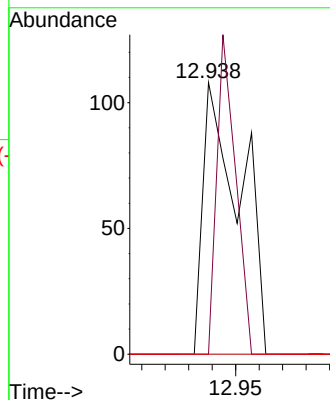
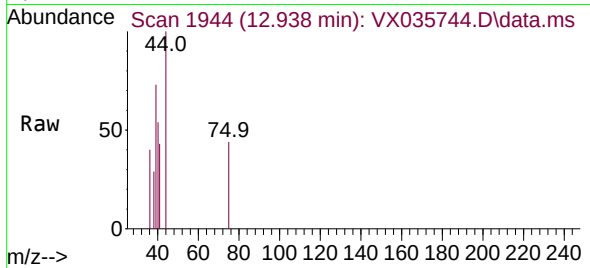
Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023

05/19/2023

Supervised By :Mahesh Dadoda

05/19/2023



#93

1,2,4-Trichlorobenzene

Concen: 0.328 ug/l

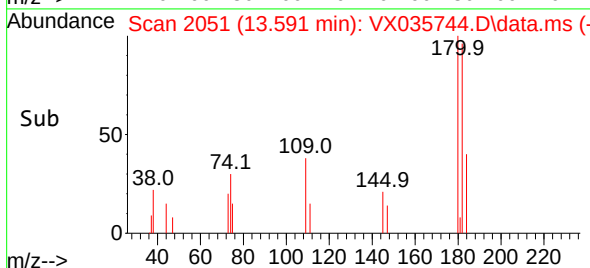
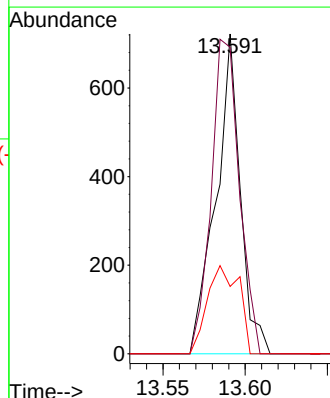
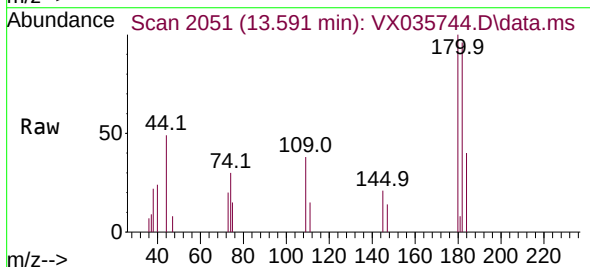
RT: 13.591 min Scan# 2051

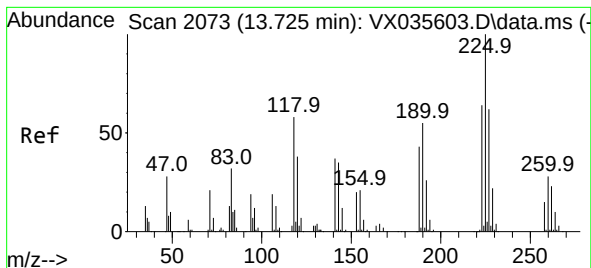
Delta R.T. 0.006 min

Lab File: VX035744.D

Acq: 18 May 2023 15:56

Tgt Ion:180	Resp: 745
Ion Ratio	Lower Upper
180	100
182	113.2 47.0 141.0
145	35.7 15.9 47.7





#94

Hexachlorobutadiene

Concen: 0.385 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX035744.D

Acq: 18 May 2023 15:56

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2023

Tgt Ion:	225	Resp:	34
Ion Ratio	Lower	Upper	
225	100		
223	49.0	32.1	96.5
227	74.4	31.8	95.4

Manual Integrations

APPROVED

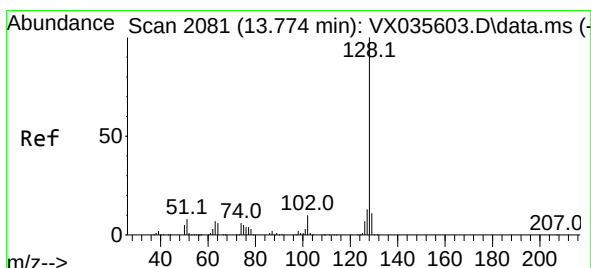
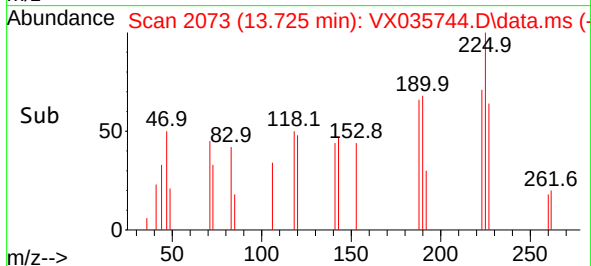
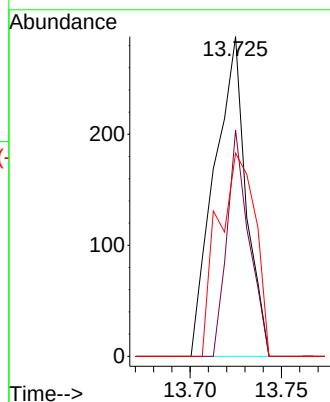
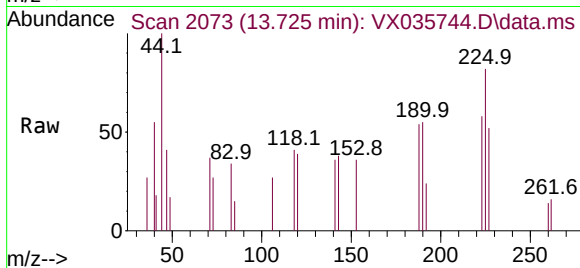
Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023

05/19/2023

Supervised By :Mahesh Dadoda

05/19/2023



#95

Naphthalene

Concen: 0.318 ug/l

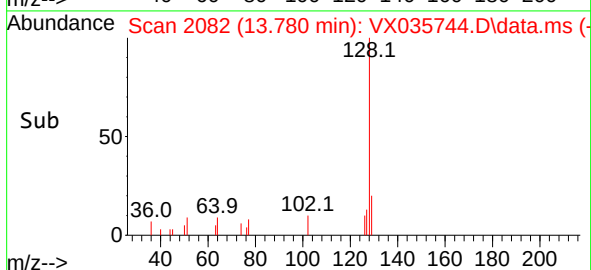
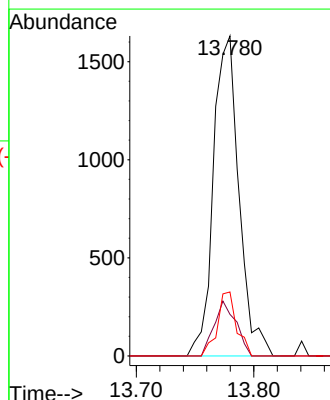
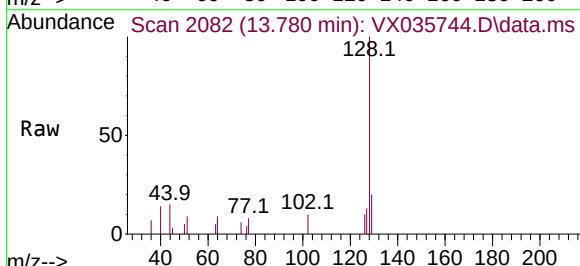
RT: 13.780 min Scan# 2082

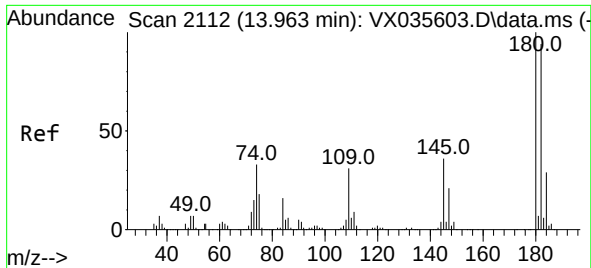
Delta R.T. 0.006 min

Lab File: VX035744.D

Acq: 18 May 2023 15:56

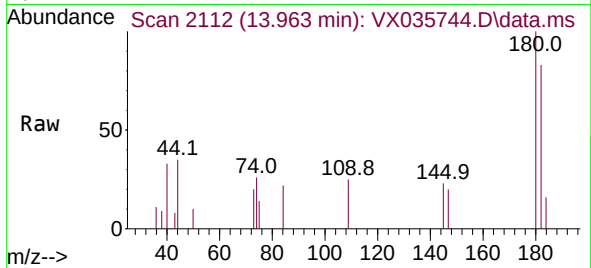
Tgt Ion:	128	Resp:	2469
Ion Ratio	Lower	Upper	
128	100		
127	14.7	10.2	15.4
129	15.0	8.6	13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 0.382 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. -0.000 min
 Lab File: VX035744.D
 Acq: 18 May 2023 15:56

Instrument : MSVOA_X
 ClientSampleId : MDL-WATER-03-QT2-2023



Tgt Ion:180 Resp: 852
 Ion Ratio Lower Upper
 180 100
 182 92.7 48.0 144.2
 145 22.9 17.7 53.1

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

