

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112423\
 Data File : VX039027.D
 Acq On : 24 Nov 2023 16:18
 Operator : JC/MD
 Sample : 04699-08 5.0PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT4-2023

Quant Time: Nov 27 03:49:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X112423W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Nov 27 03:22:25 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/27/2023
 Supervised By : Mahesh Dadoda 11/27/2023

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

Internal Standards						
1) Bromochloromethane	4.897	128	9393	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	76676	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	96052	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	43619	33.944	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 113.133%#			
60) 4-Bromofluorobenzene	11.079	95	62674	29.874	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 99.567%			
63) Toluene-d8	8.646	98	118186	31.122	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 103.733%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	7825	5.566	ug/l	94
3) Chloromethane	1.294	50	8945	5.557	ug/l	97
4) Vinyl Chloride	1.373	62	9024	5.553	ug/l	99
5) Bromomethane	1.599	94	6314	6.352	ug/l	97
6) Chloroethane	1.684	64	5999	6.339	ug/l	94
7) Trichlorofluoromethane	1.885	101	12467	5.558	ug/l	92
8) Diethyl Ether	2.129	74	5092	5.914	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.324	101	7227	5.702	ug/l	97
10) 1,1-Dichloroethene	2.318	96	6951	5.440	ug/l	97
11) Methyl Iodide	2.459	142	7331	5.236	ug/l	91
12) Methyl Acetate	2.702	43	24233	6.081	ug/l	96
13) Acrolein	2.233	56	10778	30.875	ug/l	99
14) Acrylonitrile	3.062	53	27183	27.891	ug/l	99
15) Acetone	2.379	58	9836	27.764	ug/l	95
16) Carbon Disulfide	2.513	76	21718	5.613	ug/l #	94
17) Allyl chloride	2.666	41	13831	5.453	ug/l	96
18) Methylene Chloride	2.788	84	9016	5.953	ug/l	97
19) trans-1,2-Dichloroethene	3.093	96	8072	5.586	ug/l	95
20) Diisopropyl ether	3.763	45	27467	5.691	ug/l	98
21) 1,1-Dichloroethane	3.611	63	15643	5.829	ug/l	97
22) cis-1,2-Dichloroethene	4.489	96	8775	5.240	ug/l	93
23) tert-Butyl Alcohol	2.952	59	17548	32.523	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	26680	5.669	ug/l	98
25) Chloroform	5.092	83	14951	5.551	ug/l	95
26) Cyclohexane	5.476	56	14250m	5.867	ug/l	
29) 1,1-Dichloropropene	5.696	75	11212	5.216	ug/l	95
30) 2-Butanone	4.556	43	44391	27.430	ug/l	99
31) 2,2-Dichloropropane	4.476	77	11978	4.874	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	12787	5.147	ug/l #	78
33) Carbon Tetrachloride	5.671	117	10447	4.992	ug/l	95
34) Benzene	6.043	78	34554	5.519	ug/l	97
35) Methacrylonitrile	4.928	41	7670	5.351	ug/l	91
36) 1,2-Dichloroethane	6.086	62	11879	5.170	ug/l #	91
37) Trichloroethene	7.128	130	8475	5.333	ug/l	96
38) Methylcyclohexane	7.378	83	14034	5.240	ug/l	98
39) 1,2-Dichloropropane	7.427	63	8621	5.221	ug/l	97
40) Dibromomethane	7.586	93	5939	5.090	ug/l	95
41) Bromodichloromethane	7.823	83	11495	5.128	ug/l	92
42) Vinyl Acetate	3.720	43	102035	26.472	ug/l	99

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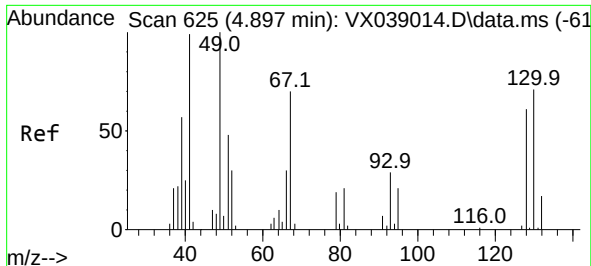
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X112423W.M
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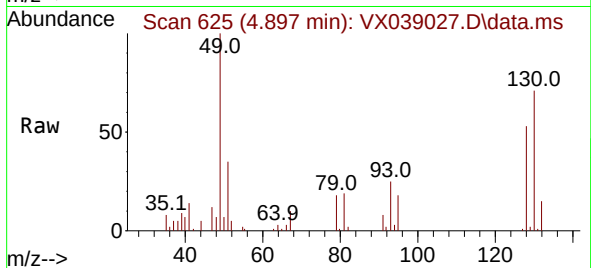
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.720	43	15530	5.578	ug/l	98
44) Isopropyl Acetate	6.342	43	23412	5.334	ug/l	98
45) 1,4-Dioxane	7.659	88	4930	110.031	ug/l	98
46) Methyl methacrylate	7.695	41	13409	5.344	ug/l	97
47) n-amyl Acetate	10.841	43	16671	4.488	ug/l	97
48) t-1,3-Dichloropropene	8.982	75	12374	4.761	ug/l	92
49) cis-1,3-Dichloropropene	8.366	75	13667	5.097	ug/l	90
50) 1,1,2-Trichloroethane	9.152	97	8695	5.486	ug/l	97
51) Ethyl methacrylate	9.116	69	10154	5.118	ug/l	96
52) 1,3-Dichloropropane	9.311	76	14617	5.378	ug/l	100
53) Dibromochloromethane	9.518	129	7837	4.604	ug/l	99
54) 1,2-Dibromoethane	9.610	107	8810	5.069	ug/l	96
55) 2-Chloroethyl vinyl ether	8.244	63	31446	25.006	ug/l	98
56) Bromoform	10.799	173	5110	4.160	ug/l	98
58) 4-Methyl-2-Pentanone	8.573	43	79266	27.213	ug/l	99
59) 2-Hexanone	9.427	43	63627	26.612	ug/l	98
61) Tetrachloroethene	9.274	164	6370	5.101	ug/l #	77
62) Toluene	8.720	91	36799	5.396	ug/l	97
64) Chlorobenzene	10.079	112	21445	5.170	ug/l	96
65) 1,1,1,2-Tetrachloroethane	10.164	131	7176	4.804	ug/l	93
66) Ethyl Benzene	10.195	91	40698	5.241	ug/l	97
67) m/p-Xylenes	10.305	106	29627	10.325	ug/l	97
68) o-Xylene	10.640	106	14616	5.259	ug/l	99
69) Styrene	10.658	104	20281	4.930	ug/l	99
70) Isopropylbenzene	10.963	105	38936	5.236	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.213	83	14409	5.190	ug/l	99
72) 1,2,3-Trichloropropane	11.237	75	12188m	5.188	ug/l	
73) Bromobenzene	11.201	156	8855	5.230	ug/l	97
74) n-propylbenzene	11.305	91	46953	5.153	ug/l	98
75) 2-Chlorotoluene	11.365	91	28212	5.278	ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	32567	5.083	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	3861	4.148	ug/l	89
78) 4-Chlorotoluene	11.457	91	33048	5.258	ug/l	97
79) tert-butylbenzene	11.713	119	30226	4.962	ug/l	96
80) 1,2,4-Trimethylbenzene	11.750	105	32463	5.063	ug/l	98
81) sec-Butylbenzene	11.890	105	37921	4.924	ug/l	98
82) p-Isopropyltoluene	12.006	119	31808	4.873	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	16003	4.939	ug/l	97
84) 1,4-Dichlorobenzene	12.042	146	17193	5.171	ug/l	99
85) n-Butylbenzene	12.335	91	30929	4.798	ug/l	97
86) Hexachloroethane	12.536	117	5520	4.463	ug/l	94
87) 1,2-Dichlorobenzene	12.335	146	16130	5.177	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	12.944	75	3645	5.134	ug/l	93
89) 1,2,4-Trichlorobenzene	13.591	180	10067	4.873	ug/l	99
90) Hexachlorobutadiene	13.725	225	3395	4.603	ug/l	97
91) Naphthalene	13.774	128	37487	4.921	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	10007	5.001	ug/l	96

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX039027.D
Acq: 24 Nov 2023 16:18

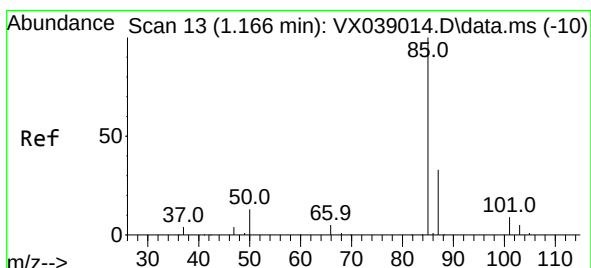
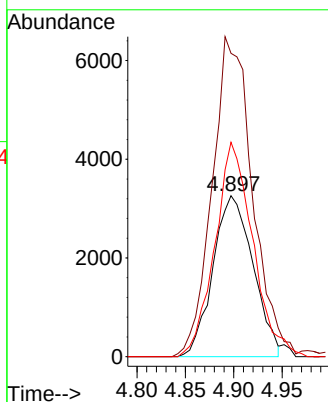
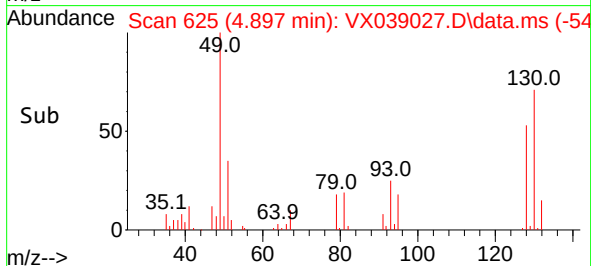
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2023



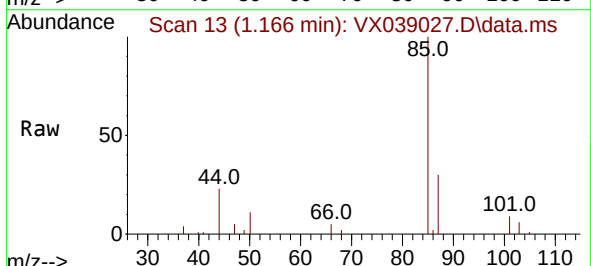
Tgt Ion:128 Resp: 939
Ion Ratio Lower Upper
128 100
49 199.8 0.0 444.0
130 126.2 0.0 297.8

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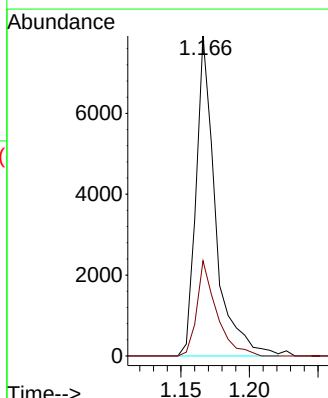
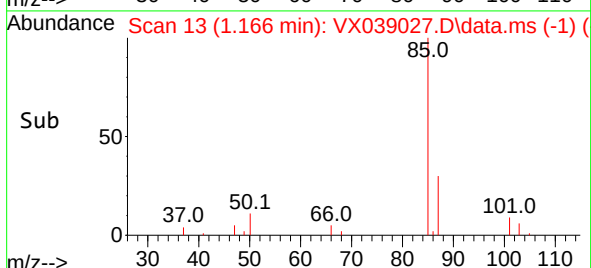
Reviewed By :John Carlone 11/27/2023
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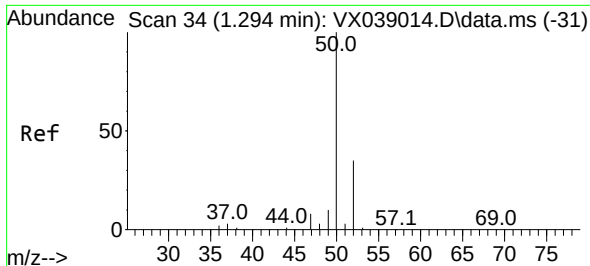


#2
Dichlorodifluoromethane
Concen: 5.566 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX039027.D
Acq: 24 Nov 2023 16:18



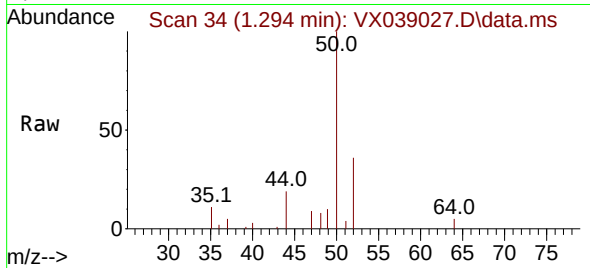
Tgt Ion: 85 Resp: 7825
Ion Ratio Lower Upper
85 100
87 29.7 16.7 50.1





#3
Chloromethane
Concen: 5.557 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX039027.D
Acq: 24 Nov 2023 16:18

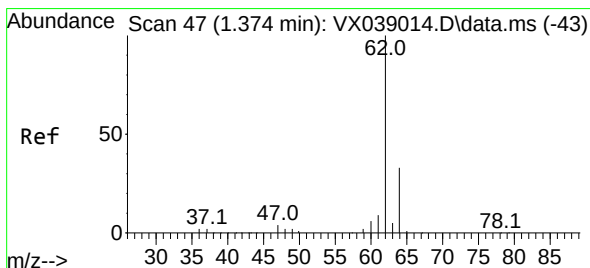
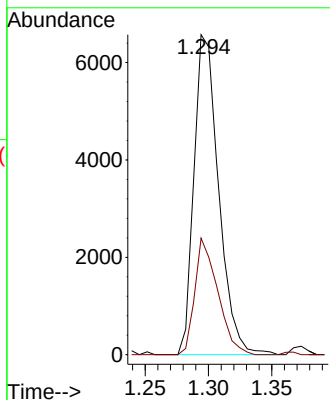
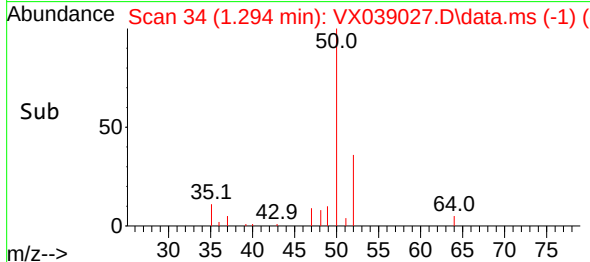
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2023



Tgt Ion: 50 Resp: 894
Ion Ratio Lower Upper
50 100
52 36.4 27.8 41.8

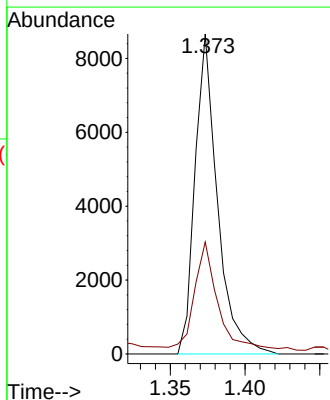
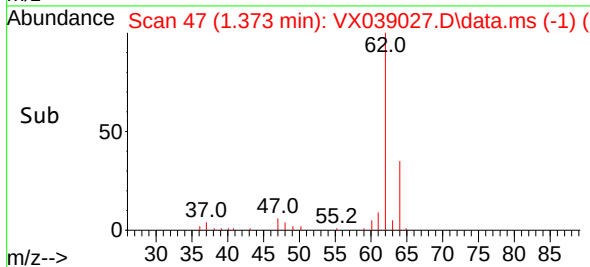
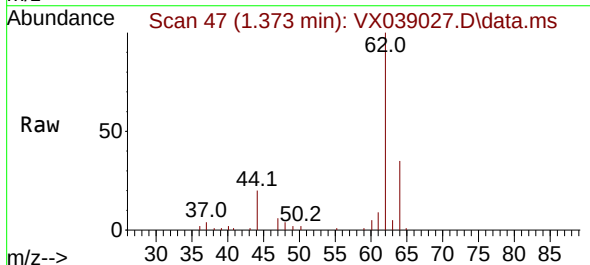
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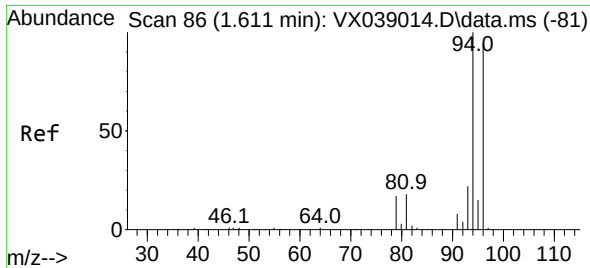
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#4
Vinyl Chloride
Concen: 5.553 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX039027.D
Acq: 24 Nov 2023 16:18

Tgt Ion: 62 Resp: 9024
Ion Ratio Lower Upper
62 100
64 33.3 26.3 39.5





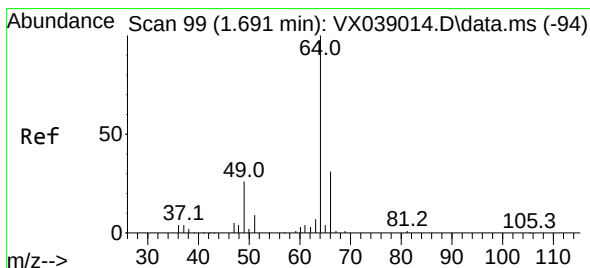
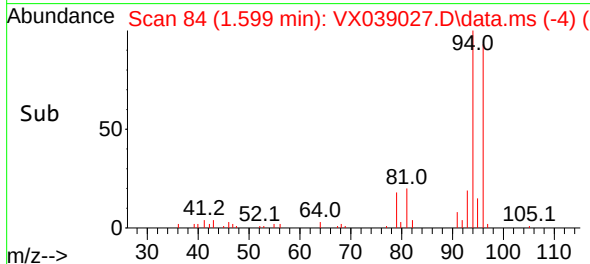
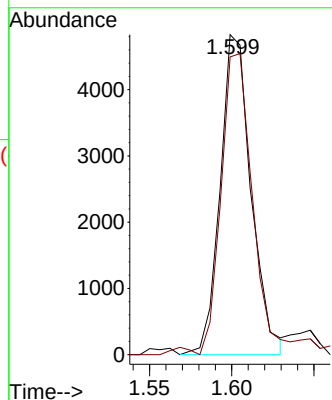
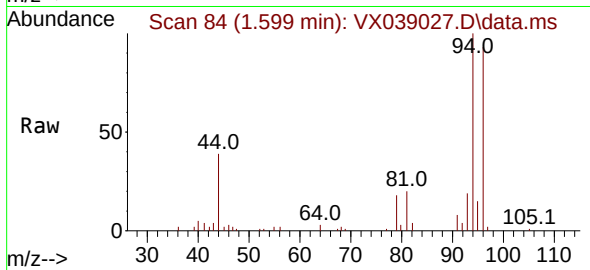
#5
Bromomethane
Concen: 6.352 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.013 min
Lab File: VX039027.D
Acq: 24 Nov 2023 16:18

Instrument :
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ClientSampleId :
LOQ-WATER-02-QT4-2023

Tgt Ion: 94 Resp: 6314
Ion Ratio Lower Upper
94 100
96 90.8 74.9 112.3

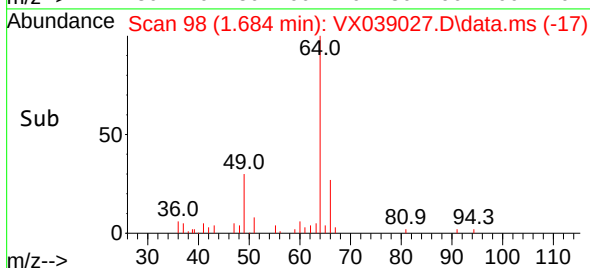
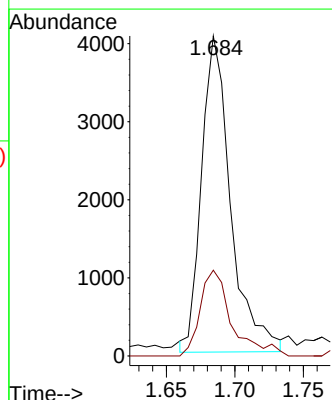
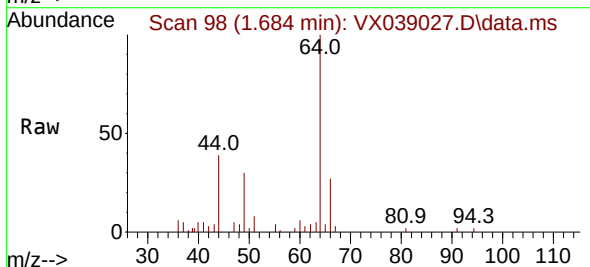
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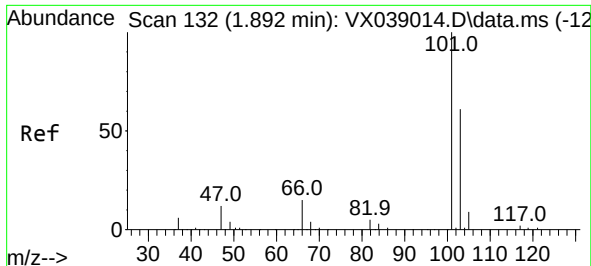
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#6
Chloroethane
Concen: 6.339 ug/l
RT: 1.684 min Scan# 98
Delta R.T. -0.006 min
Lab File: VX039027.D
Acq: 24 Nov 2023 16:18

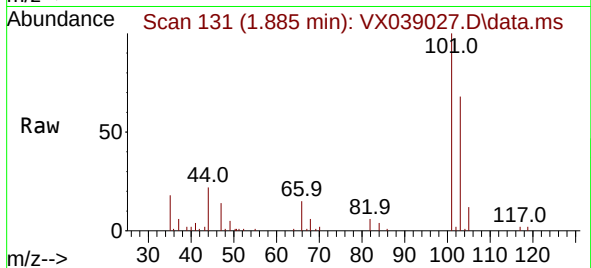
Tgt Ion: 64 Resp: 5999
Ion Ratio Lower Upper
64 100
66 28.1 25.0 37.6





#7
Trichlorofluoromethane
Concen: 5.558 ug/l
RT: 1.885 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX039027.D
Acq: 24 Nov 2023 16:18

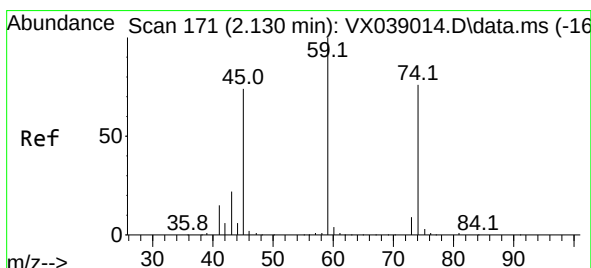
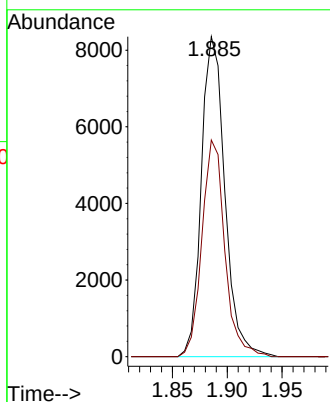
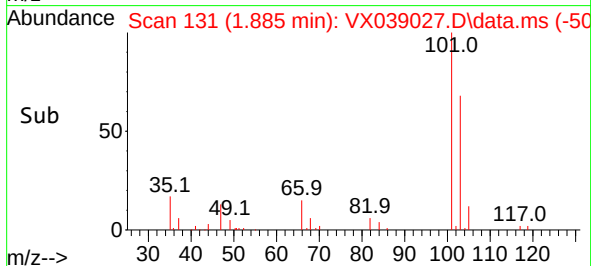
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2023



Tgt Ion:101 Resp: 1246
Ion Ratio Lower Upper
101 100
103 67.7 49.1 73.7

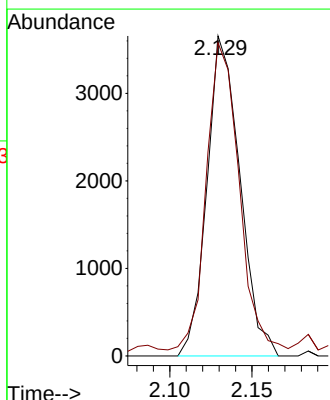
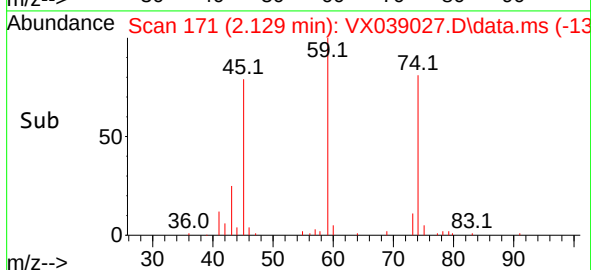
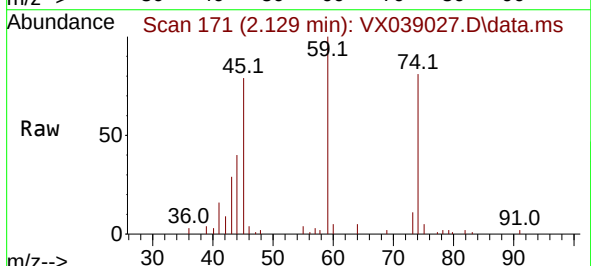
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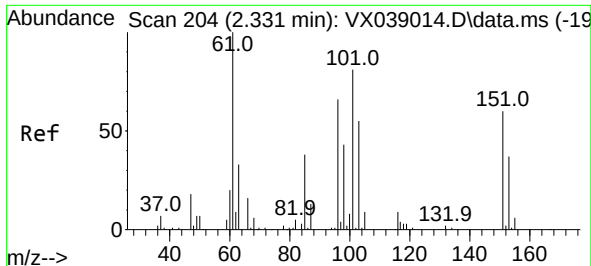
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#8
Diethyl Ether
Concen: 5.914 ug/l
RT: 2.129 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX039027.D
Acq: 24 Nov 2023 16:18

Tgt Ion: 74 Resp: 5092
Ion Ratio Lower Upper
74 100
45 100.2 20.5 184.5





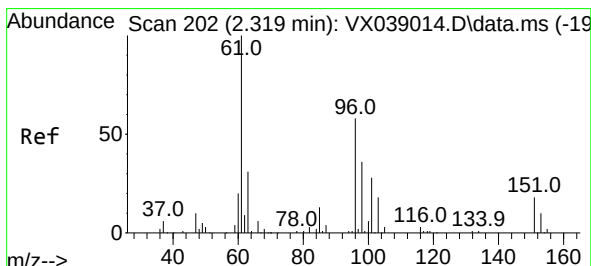
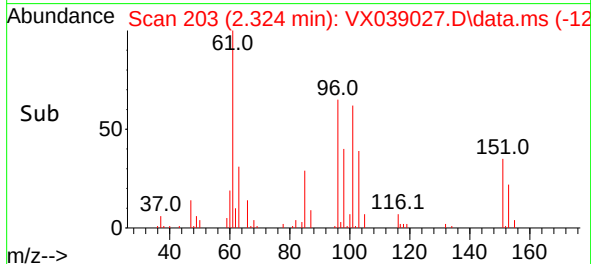
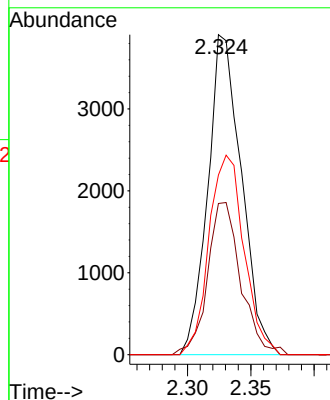
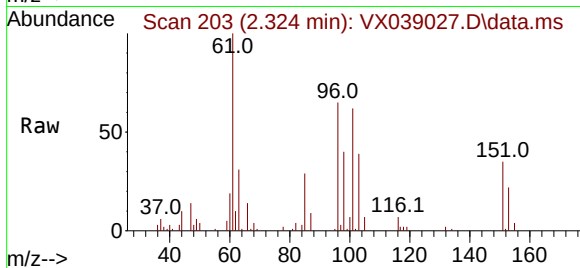
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1,1,2-Trichlorotrifluoroethane
Concen: 5.702 ug/l
RT: 2.324 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX039027.D
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Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2023

Tgt Ion:101 Resp: 722
Ion Ratio Lower Upper
101 100
85 46.5 0.0 95.2
151 65.0 0.0 136.8

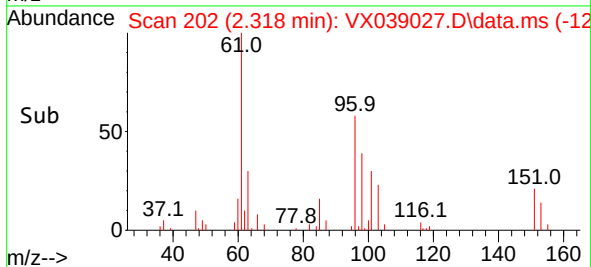
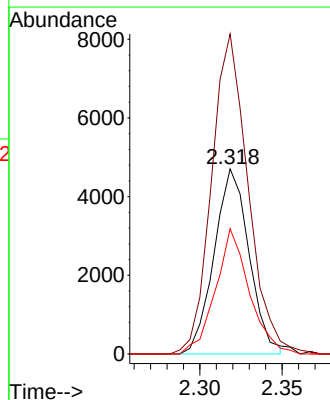
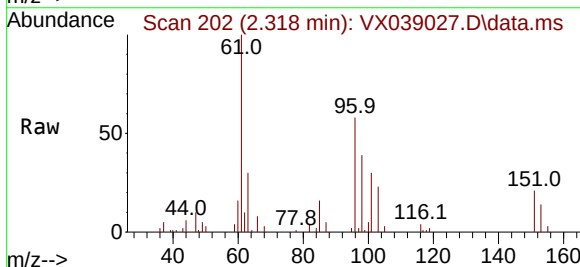
Manual Integrations
APPROVED

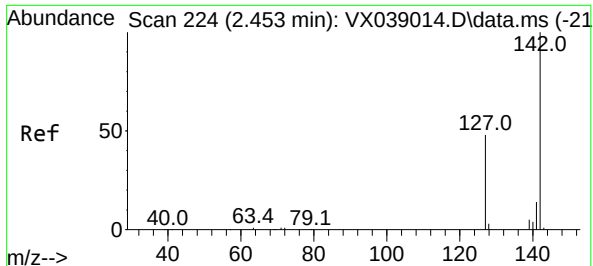
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#10
1,1-Dichloroethene
Concen: 5.440 ug/l
RT: 2.318 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX039027.D
Acq: 24 Nov 2023 16:18

Tgt Ion: 96 Resp: 6951
Ion Ratio Lower Upper
96 100
61 170.7 138.3 207.5
98 67.7 49.8 74.6





#11

Methyl Iodide

Concen: 5.236 ug/l

RT: 2.459 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX039027.D

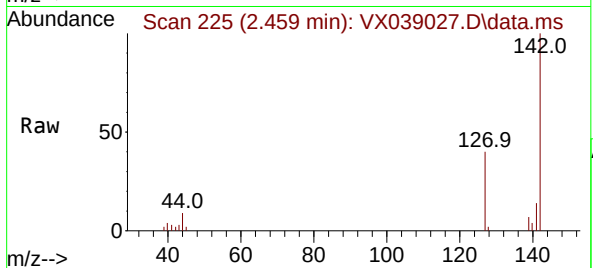
Acq: 24 Nov 2023 16:18

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2023



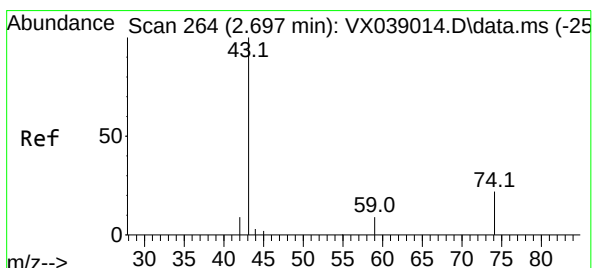
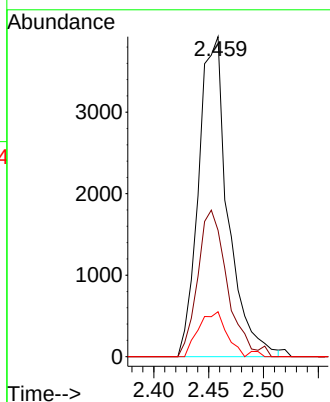
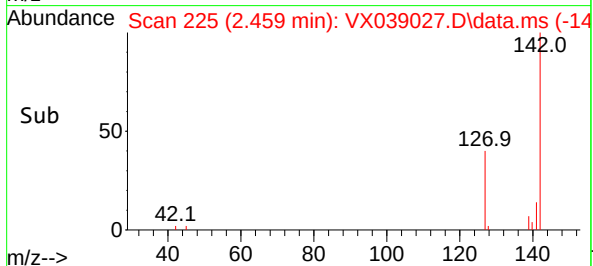
Tgt Ion:	142	Resp:	733
Ion Ratio	Lower	Upper	
142	100		
127	39.9	23.8	71.4
141	14.2	6.9	20.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#12

Methyl Acetate

Concen: 6.081 ug/l

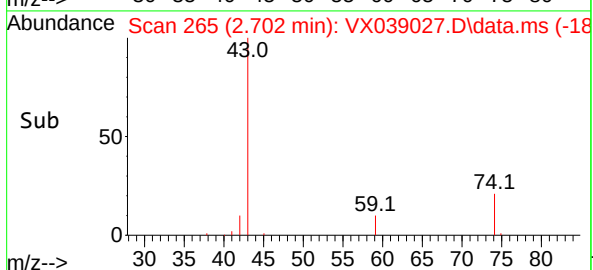
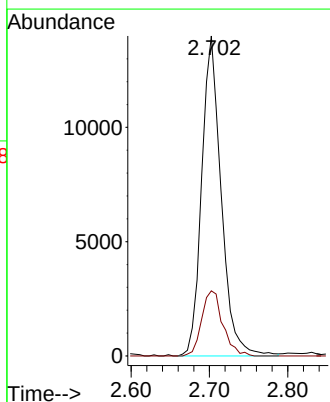
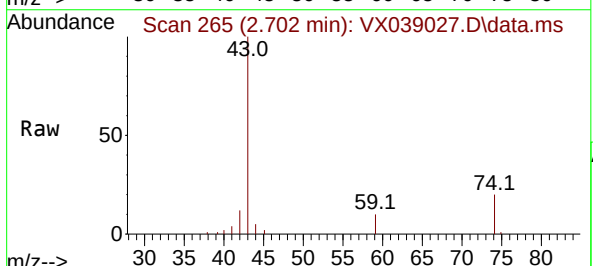
RT: 2.702 min Scan# 265

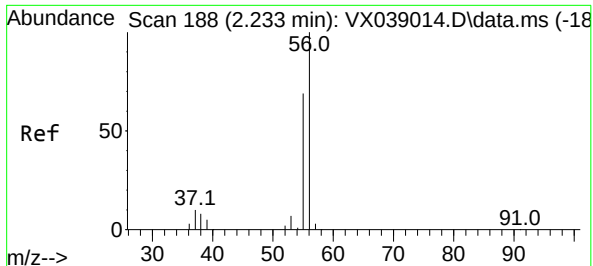
Delta R.T. 0.006 min

Lab File: VX039027.D

Acq: 24 Nov 2023 16:18

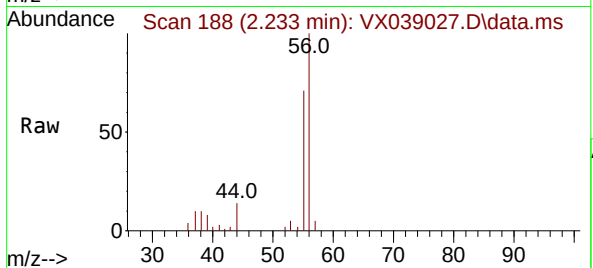
Tgt Ion:	43	Resp:	24233
Ion Ratio	Lower	Upper	
43	100		
74	20.4	17.8	26.6





#13
Acrolein
Concen: 30.875 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039027.D
Acq: 24 Nov 2023 16:18

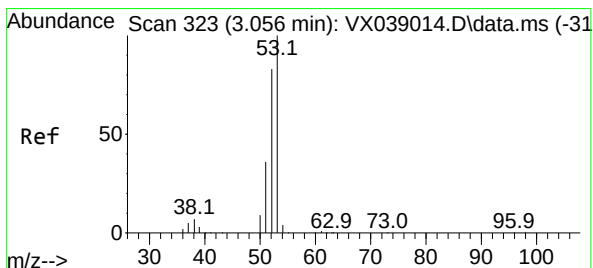
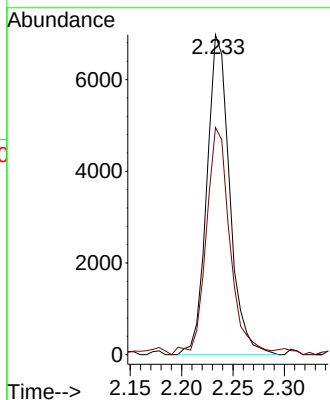
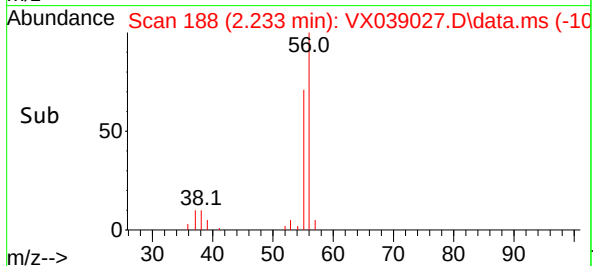
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2023



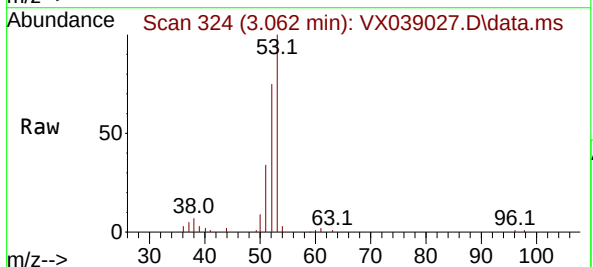
Tgt Ion: 56 Resp: 10778
Ion Ratio Lower Upper
56 100
55 72.1 57.2 85.8

Manual Integrations
APPROVED

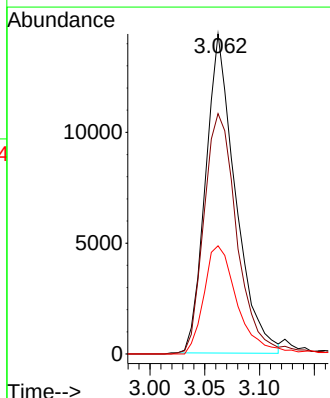
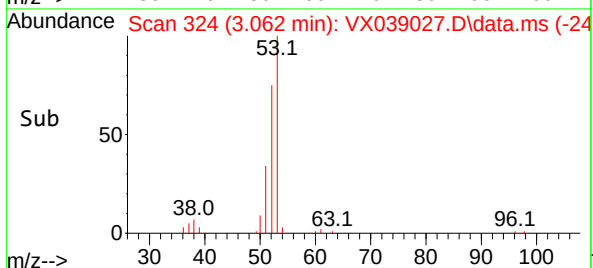
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023

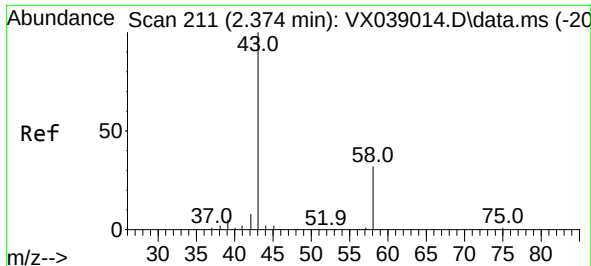


#14
Acrylonitrile
Concen: 27.891 ug/l
RT: 3.062 min Scan# 324
Delta R.T. 0.006 min
Lab File: VX039027.D
Acq: 24 Nov 2023 16:18



Tgt Ion: 53 Resp: 27183
Ion Ratio Lower Upper
53 100
52 84.3 41.9 125.6
51 38.0 18.3 54.9





#15

Acetone

Concen: 27.764 ug/l

RT: 2.379 min Scan# 211

Delta R.T. 0.006 min

Lab File: VX039027.D

Acq: 24 Nov 2023 16:18

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2023

Tgt Ion: 58 Resp: 9830

Ion Ratio Lower Upper

58 100

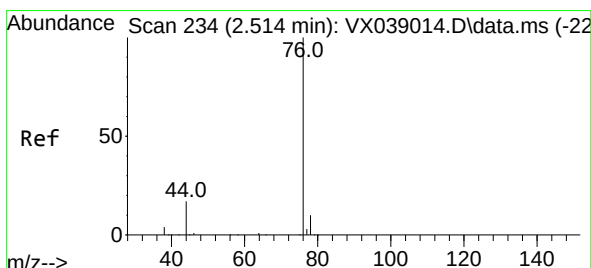
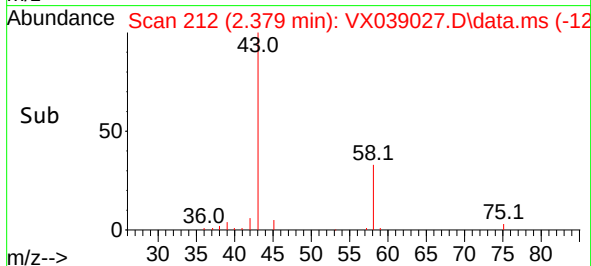
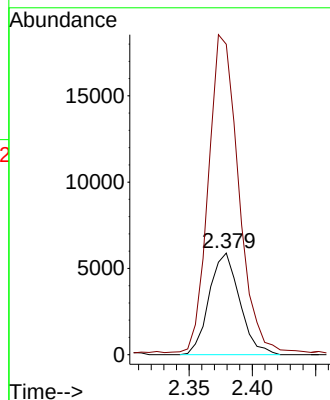
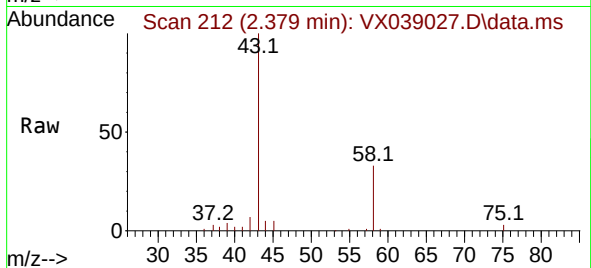
43 302.7 249.9 374.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#16

Carbon Disulfide

Concen: 5.613 ug/l

RT: 2.513 min Scan# 234

Delta R.T. -0.000 min

Lab File: VX039027.D

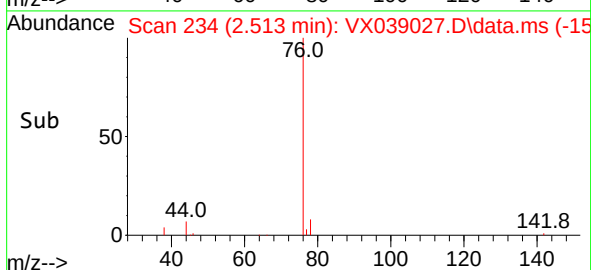
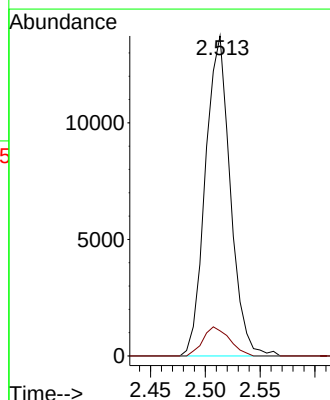
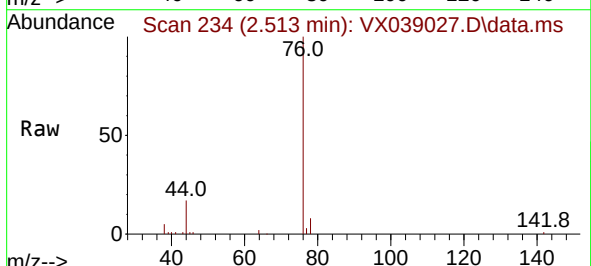
Acq: 24 Nov 2023 16:18

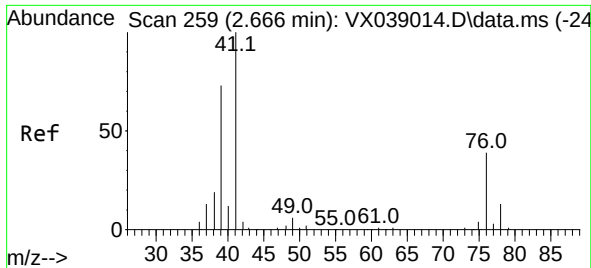
Tgt Ion: 76 Resp: 21718

Ion Ratio Lower Upper

76 100

78 7.9 8.0 12.0#





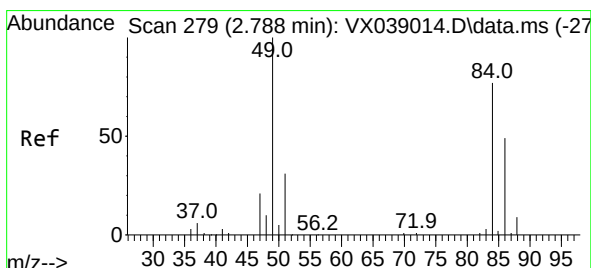
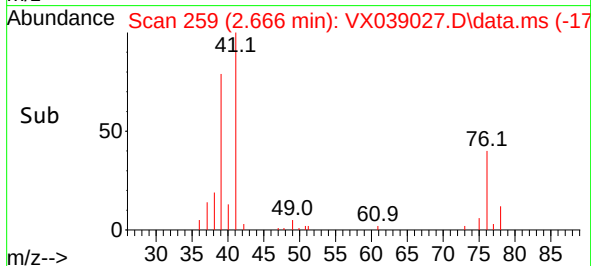
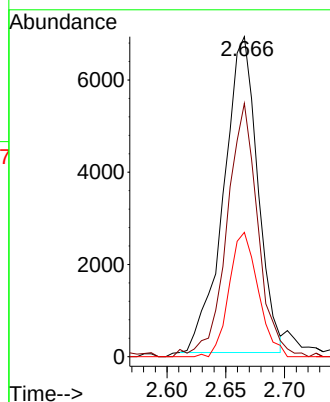
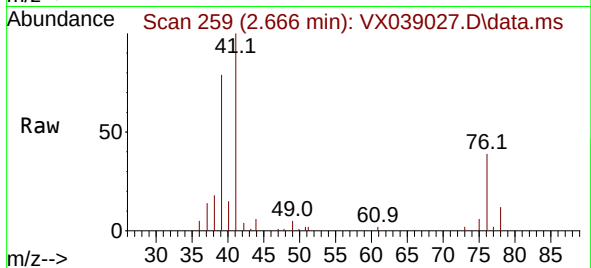
#17
 Allyl chloride
 Concen: 5.453 ug/l
 RT: 2.666 min Scan# 259
 Delta R.T. -0.000 min
 Lab File: VX039027.D
 Acq: 24 Nov 2023 16:18

Instrument : MSVOA_X
 Client Sample Id : LOQ-WATER-02-QT4-2023

Tgt Ion:	41	Resp:	1383
Ion	Ratio	Lower	Upper
41	100		
39	78.0	36.5	109.5
76	39.4	19.7	59.0

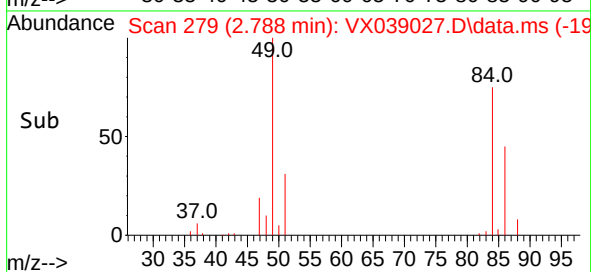
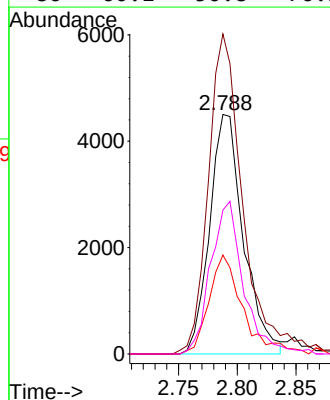
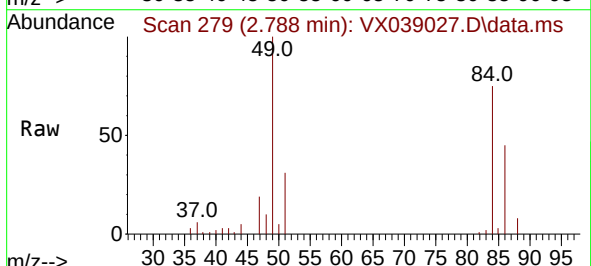
Manual Integrations
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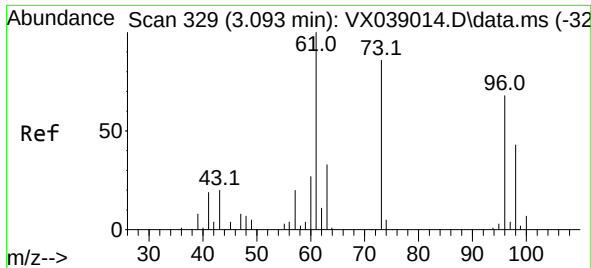
Reviewed By :John Carlone 11/27/2023
 Supervised By :Mahesh Dadoda 11/27/2023



#18
 Methylene Chloride
 Concen: 5.953 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. -0.000 min
 Lab File: VX039027.D
 Acq: 24 Nov 2023 16:18

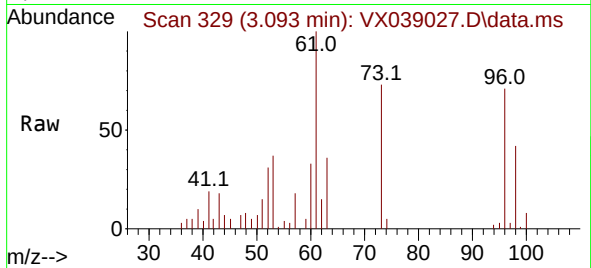
Tgt Ion:	84	Resp:	9016
Ion	Ratio	Lower	Upper
84	100		
49	132.1	103.8	155.8
51	41.3	31.8	47.6
86	60.1	50.8	76.2





#19
trans-1,2-Dichloroethene
Concen: 5.586 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX039027.D
Acq: 24 Nov 2023 16:18

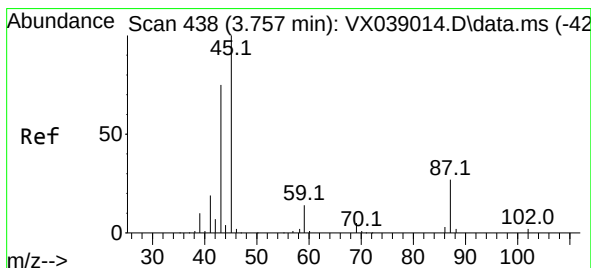
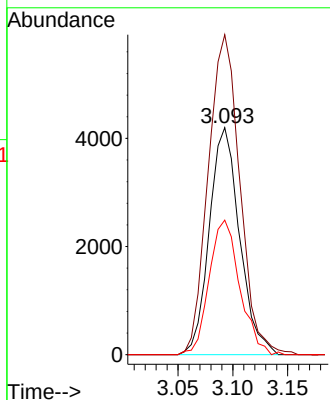
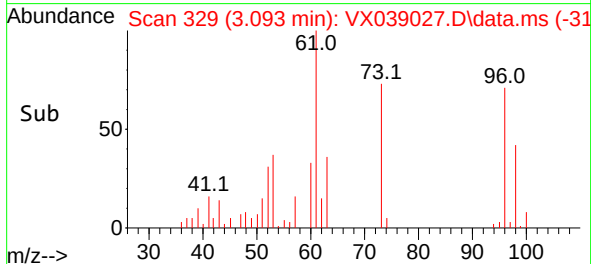
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2023



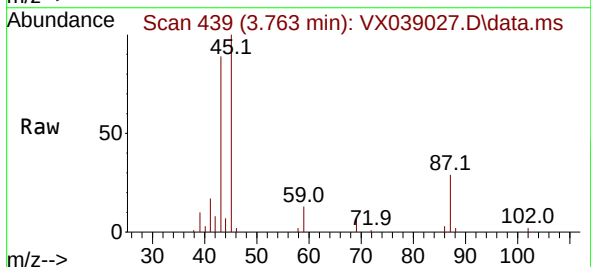
Tgt Ion: 96 Resp: 8072
Ion Ratio Lower Upper
96 100
61 141.0 117.9 176.9
98 59.3 51.0 76.6

Manual Integrations
APPROVED

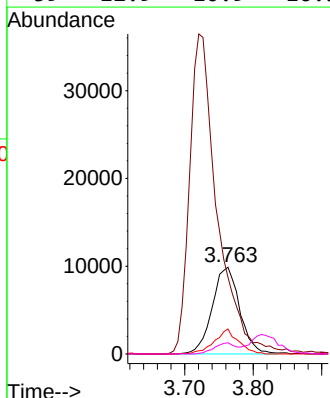
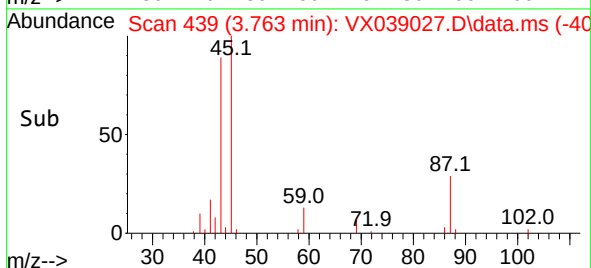
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023

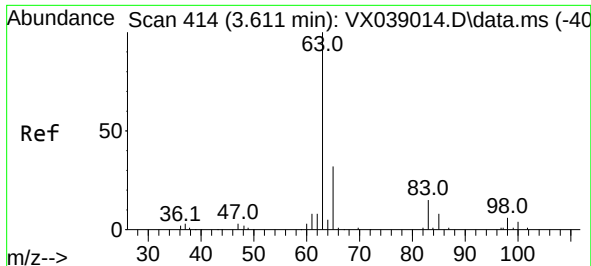


#20
Diisopropyl ether
Concen: 5.691 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX039027.D
Acq: 24 Nov 2023 16:18



Tgt Ion: 45 Resp: 27467
Ion Ratio Lower Upper
45 100
43 83.5 67.7 101.5
87 28.9 21.5 32.3
59 12.9 10.9 16.3





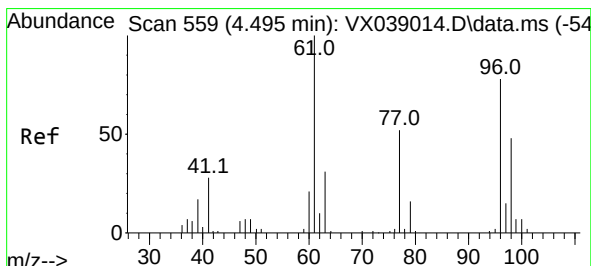
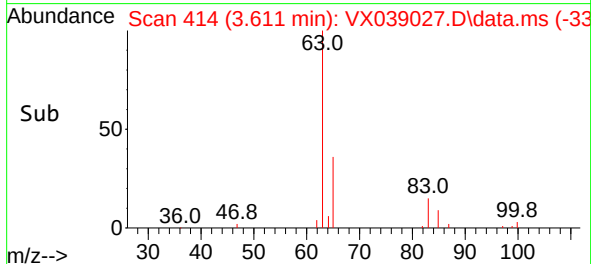
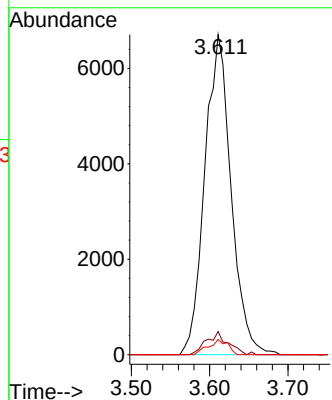
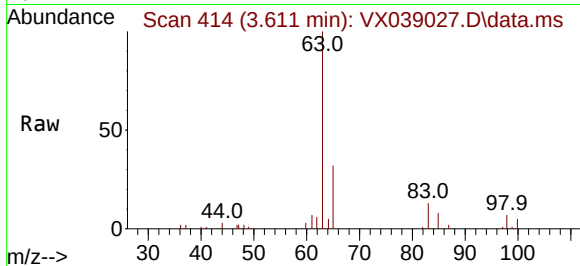
#21
1,1-Dichloroethane
Concen: 5.829 ug/l
RT: 3.611 min Scan# 414
Delta R.T. -0.000 min
Lab File: VX039027.D
Acq: 24 Nov 2023 16:18

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2023

Tgt Ion: 63 Resp: 1564
Ion Ratio Lower Upper
63 100
98 7.3 2.9 8.8
100 4.8 2.0 5.8

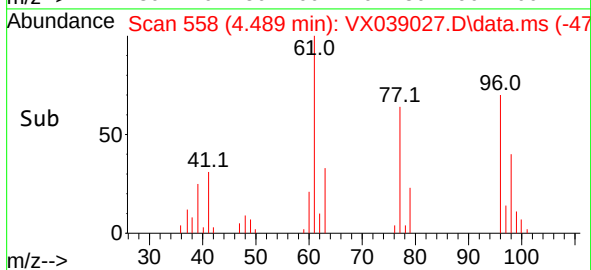
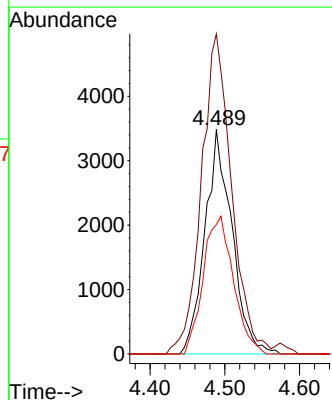
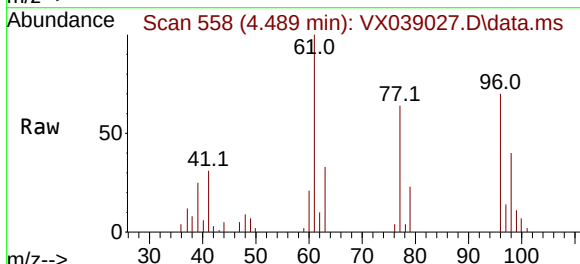
Manual Integrations
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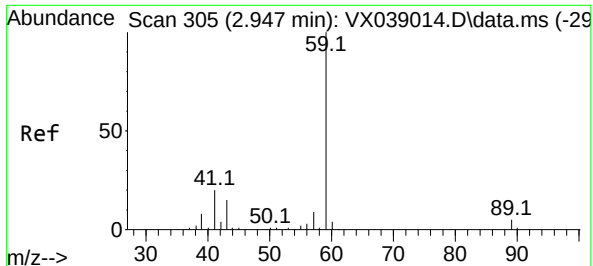
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#22
cis-1,2-Dichloroethene
Concen: 5.240 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.006 min
Lab File: VX039027.D
Acq: 24 Nov 2023 16:18

Tgt Ion: 96 Resp: 8775
Ion Ratio Lower Upper
96 100
61 158.7 119.8 179.6
98 68.4 50.9 76.3





#23

tert-Butyl Alcohol

Concen: 32.523 ug/l

RT: 2.952 min Scan# 305

Delta R.T. 0.006 min

Lab File: VX039027.D

Acq: 24 Nov 2023 16:18

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2023

Tgt Ion: 59 Resp: 17548

Ion Ratio Lower Upper

59 100

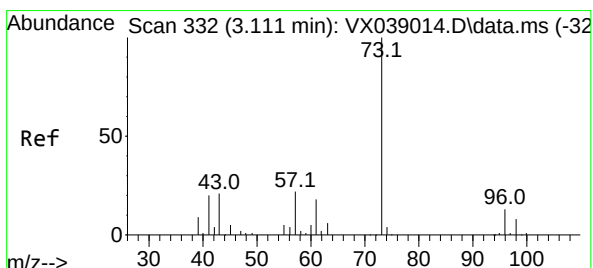
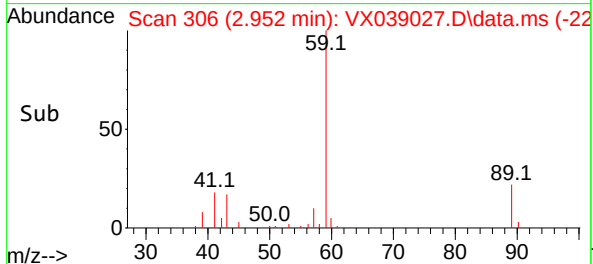
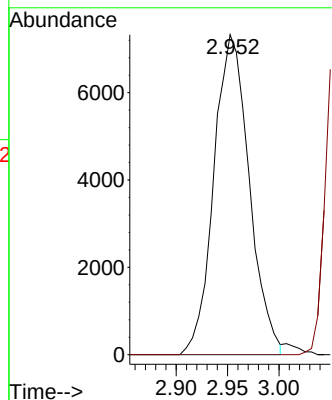
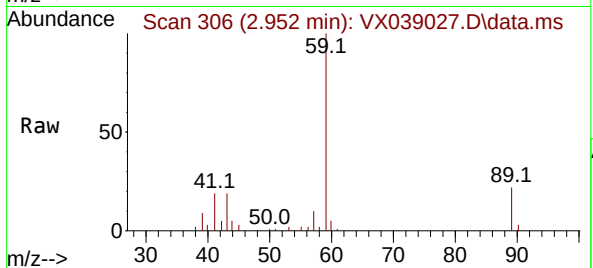
52 0.0 0.0 0.0

Manual Integrations

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Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#24

Methyl tert-Butyl Ether

Concen: 5.669 ug/l

RT: 3.111 min Scan# 332

Delta R.T. -0.000 min

Lab File: VX039027.D

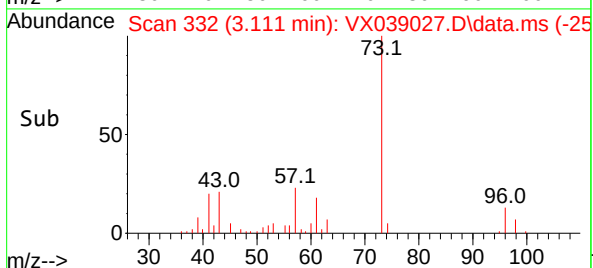
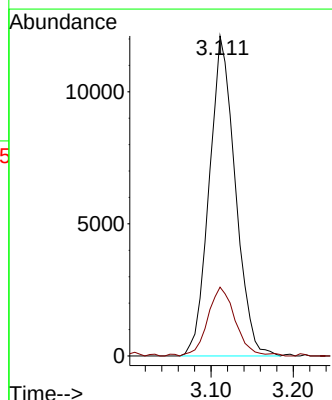
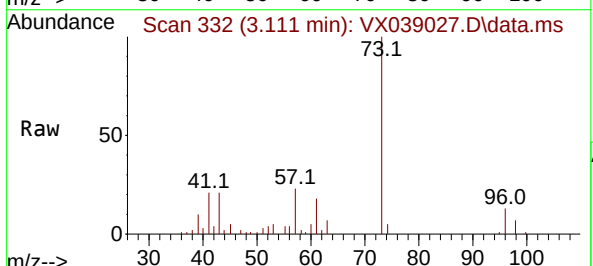
Acq: 24 Nov 2023 16:18

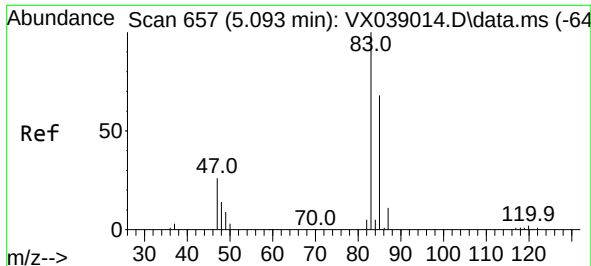
Tgt Ion: 73 Resp: 26680

Ion Ratio Lower Upper

73 100

43 22.4 17.0 25.6





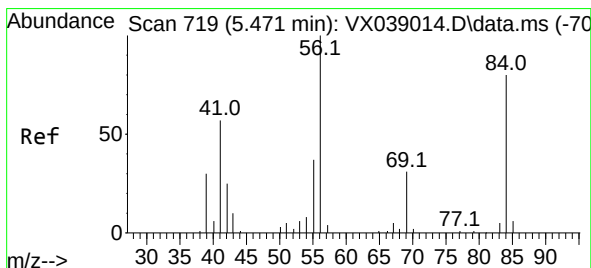
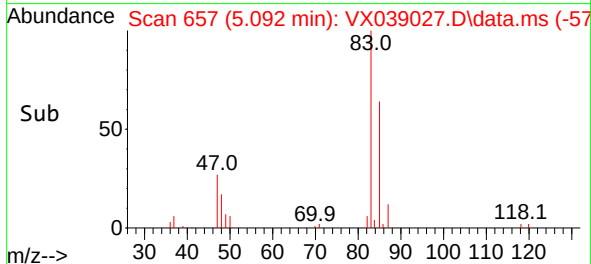
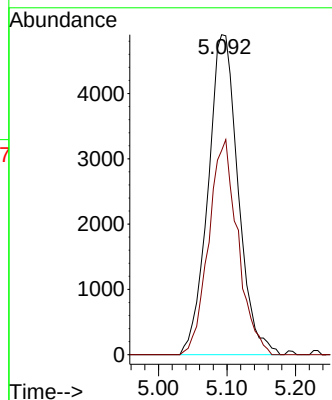
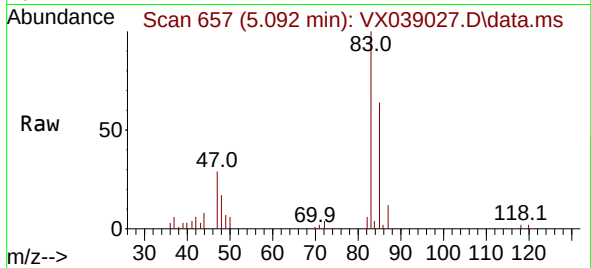
#25
Chloroform
Concen: 5.551 ug/l
RT: 5.092 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX039027.D
Acq: 24 Nov 2023 16:18

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2023

Tgt Ion: 83 Resp: 1495
Ion Ratio Lower Upper
83 100
85 63.8 54.6 81.8

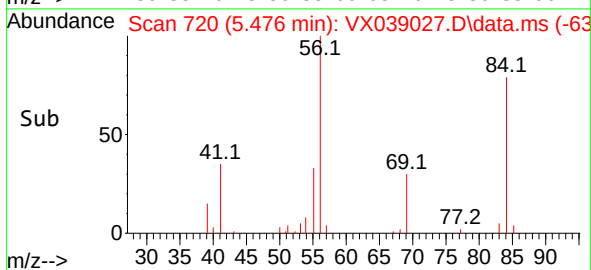
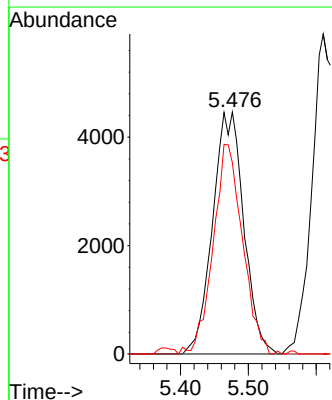
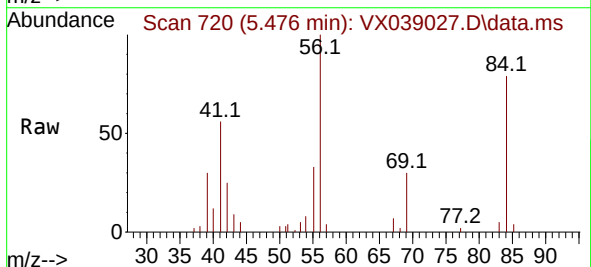
Manual Integrations
APPROVED

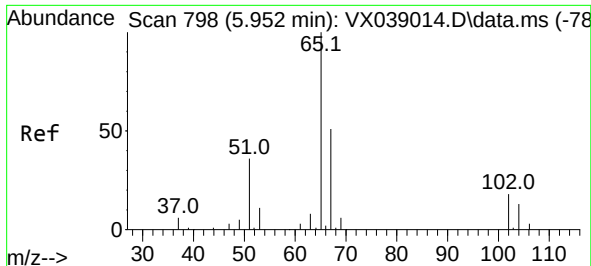
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#26
Cyclohexane
Concen: 5.867 ug/l m
RT: 5.476 min Scan# 720
Delta R.T. 0.006 min
Lab File: VX039027.D
Acq: 24 Nov 2023 16:18

Tgt Ion: 56 Resp: 14250
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 80.6 67.2 100.8





#27

1,2-Dichloroethane-d4

Concen: 33.944 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX039027.D

Acq: 24 Nov 2023 16:18

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2023

Tgt Ion: 65 Resp: 43619

Ion Ratio Lower Upper

65 100

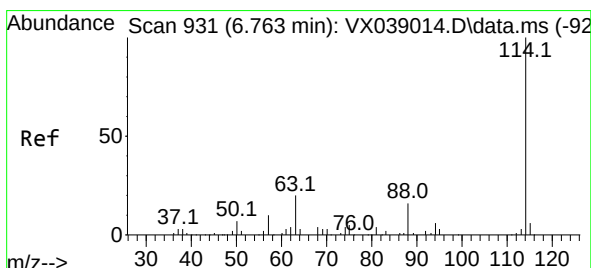
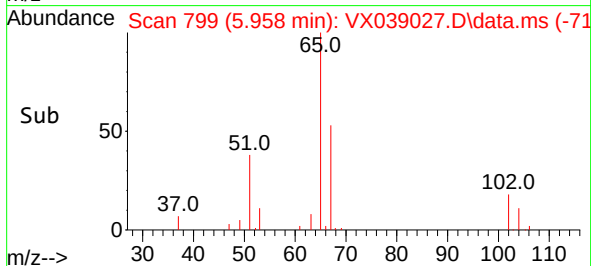
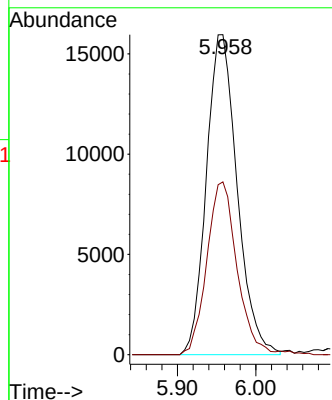
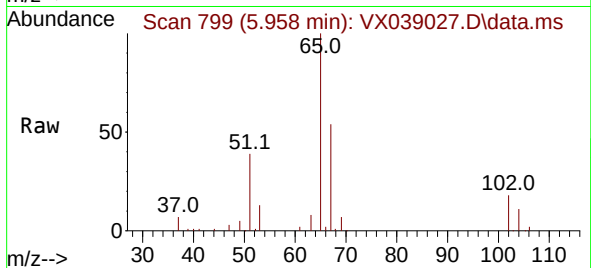
67 52.6 42.5 63.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX039027.D

Acq: 24 Nov 2023 16:18

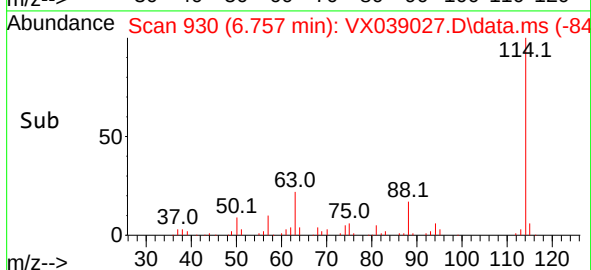
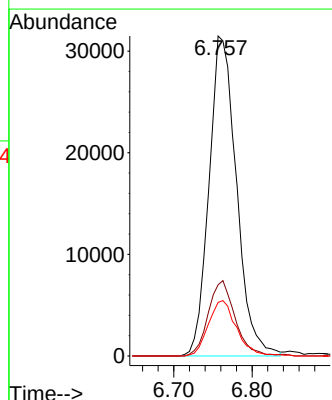
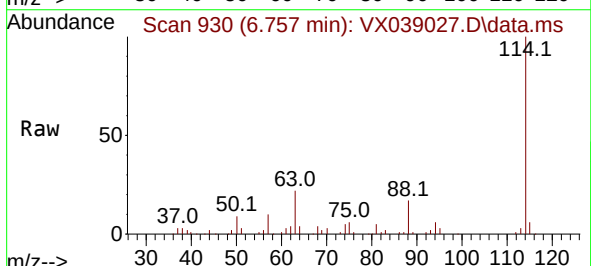
Tgt Ion:114 Resp: 76676

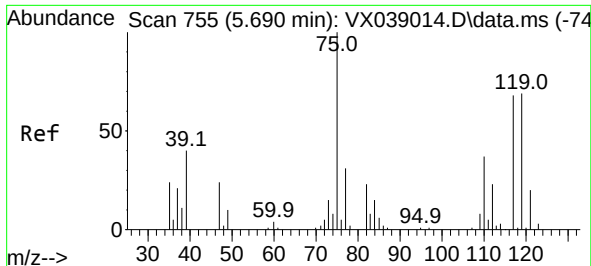
Ion Ratio Lower Upper

114 100

63 22.9 17.0 25.4

88 17.7 12.7 19.1





#29

1,1-Dichloropropene

Concen: 5.216 ug/l

RT: 5.696 min Scan# 755

Delta R.T. 0.006 min

Lab File: VX039027.D

Acq: 24 Nov 2023 16:18

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2023

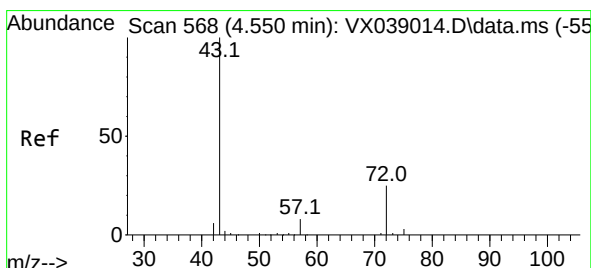
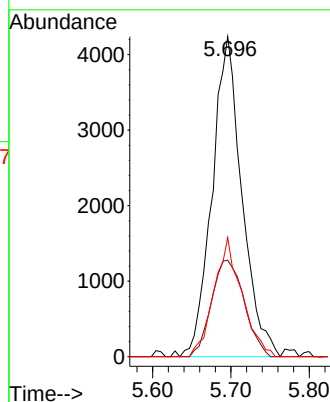
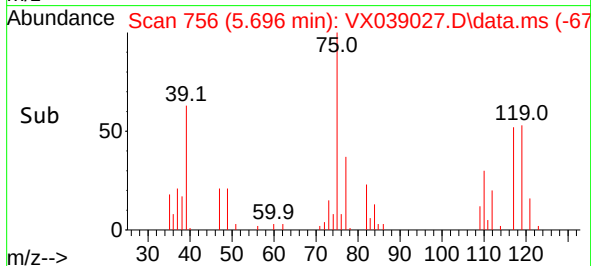
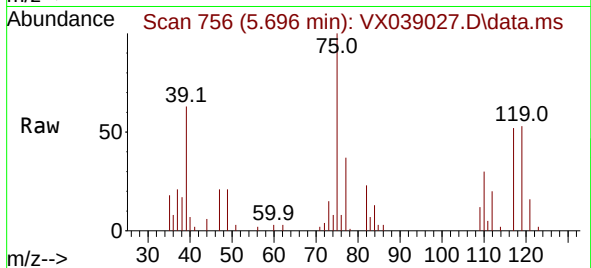
Tgt Ion: 75	Resp: 1121
Ion Ratio	Lower Upper
75 100	
110 33.1	0.0 71.2
77 34.7	0.0 62.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#30

2-Butanone

Concen: 27.430 ug/l

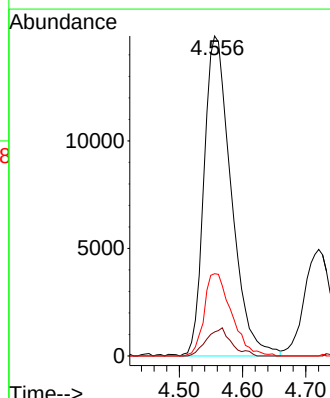
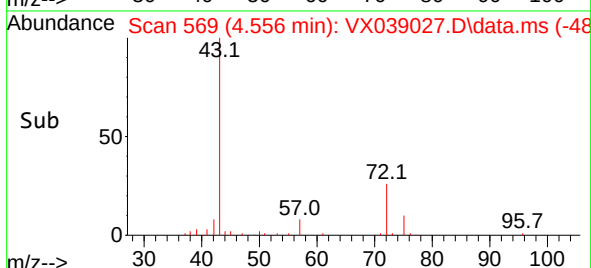
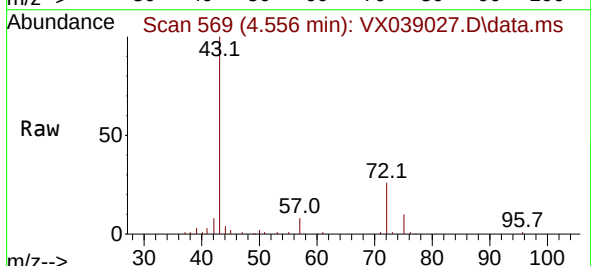
RT: 4.556 min Scan# 569

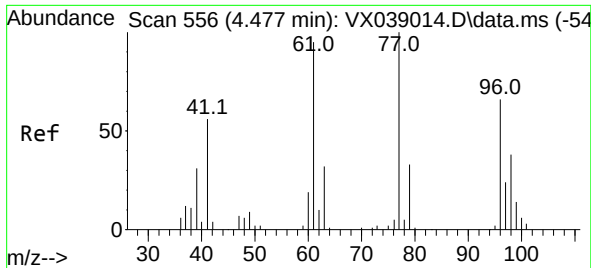
Delta R.T. 0.006 min

Lab File: VX039027.D

Acq: 24 Nov 2023 16:18

Tgt Ion: 43	Resp: 44391
Ion Ratio	Lower Upper
43 100	
57 7.5	6.6 10.0
72 25.7	20.6 31.0





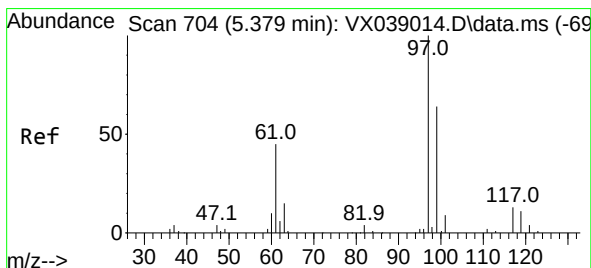
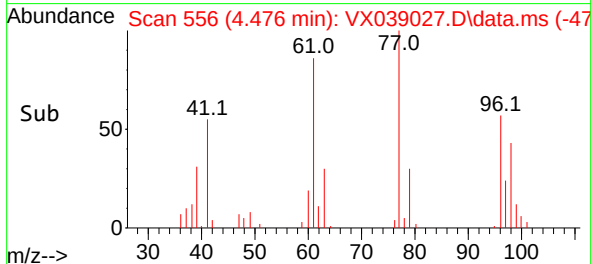
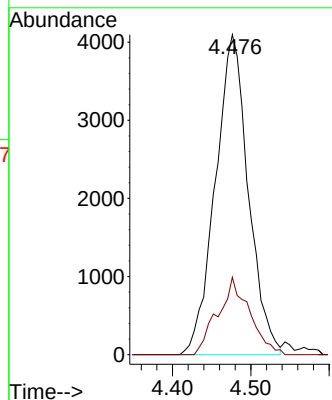
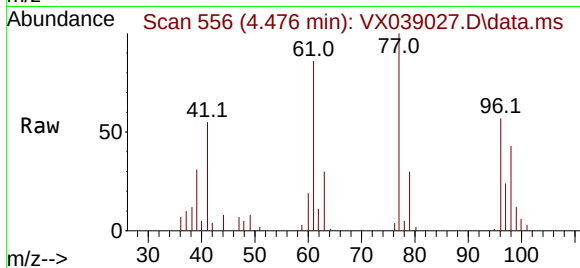
#31
2,2-Dichloropropane
Concen: 4.874 ug/l
RT: 4.476 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX039027.D
Acq: 24 Nov 2023 16:18

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2023

Tgt Ion: 77 Resp: 11978
Ion Ratio Lower Upper
77 100
97 23.3 18.2 27.4

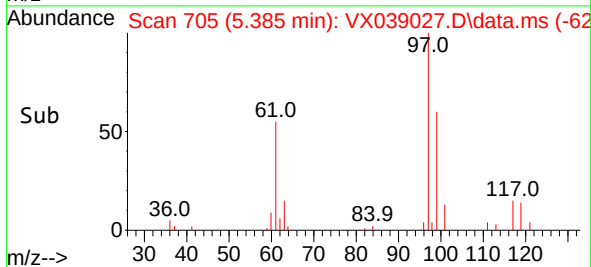
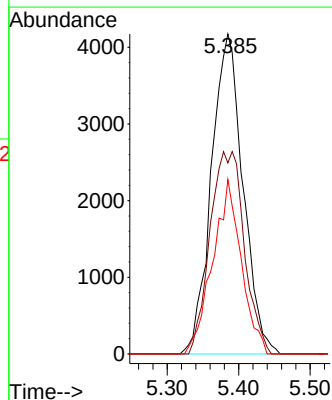
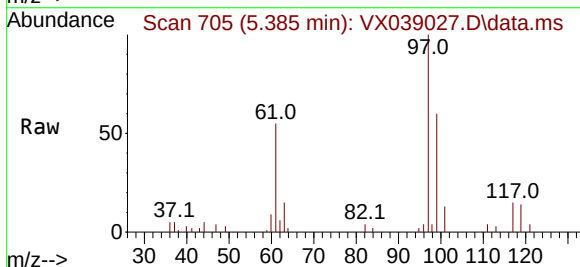
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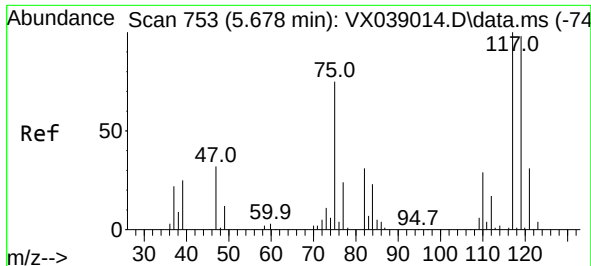
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#32
1,1,1-Trichloroethane
Concen: 5.147 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX039027.D
Acq: 24 Nov 2023 16:18

Tgt Ion: 97 Resp: 12787
Ion Ratio Lower Upper
97 100
99 38.9 52.6 79.0#
61 49.4 36.9 55.3





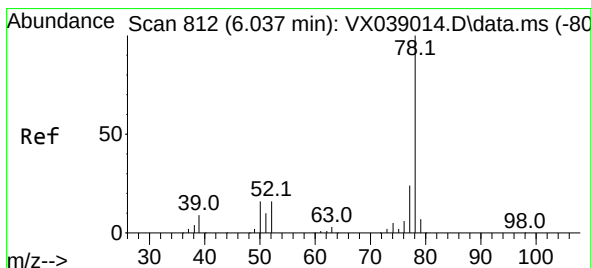
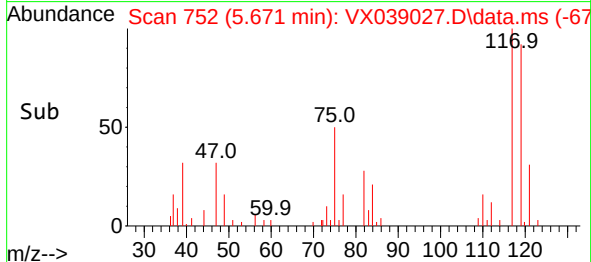
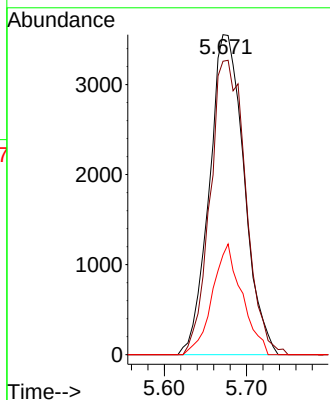
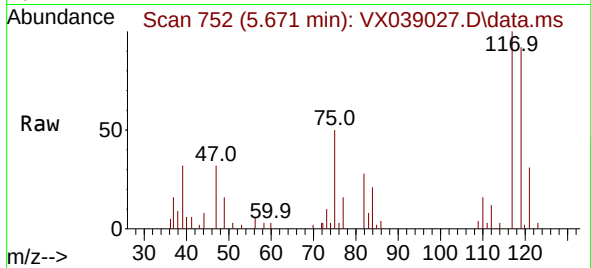
#33
Carbon Tetrachloride
Concen: 4.992 ug/l
RT: 5.671 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX039027.D
Acq: 24 Nov 2023 16:18

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2023

Tgt Ion:117 Resp: 1044
Ion Ratio Lower Upper
117 100
119 91.7 78.2 117.4
121 31.1 24.7 37.1

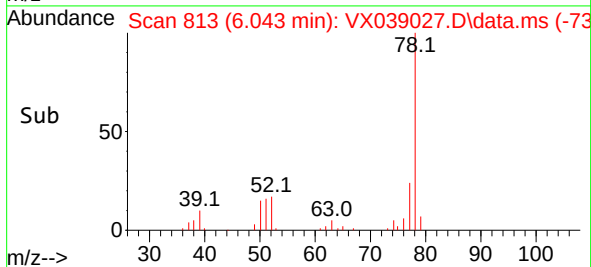
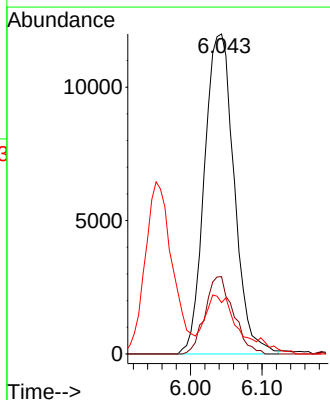
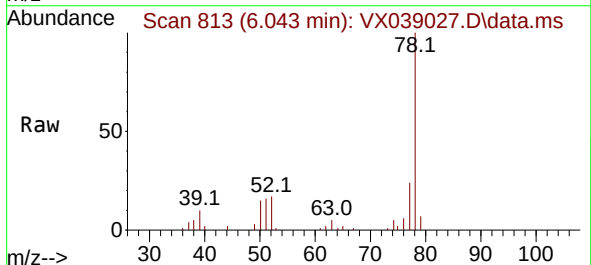
Manual Integrations
APPROVED

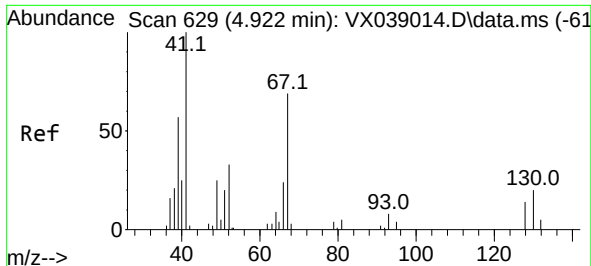
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#34
Benzene
Concen: 5.519 ug/l
RT: 6.043 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX039027.D
Acq: 24 Nov 2023 16:18

Tgt Ion: 78 Resp: 34554
Ion Ratio Lower Upper
78 100
77 24.1 19.3 28.9
51 14.6 14.4 21.6





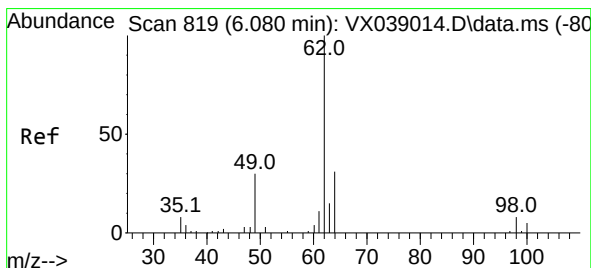
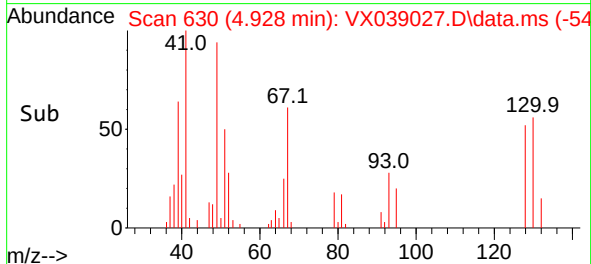
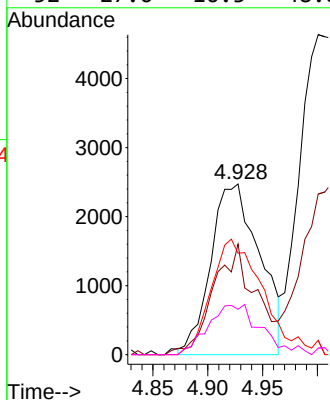
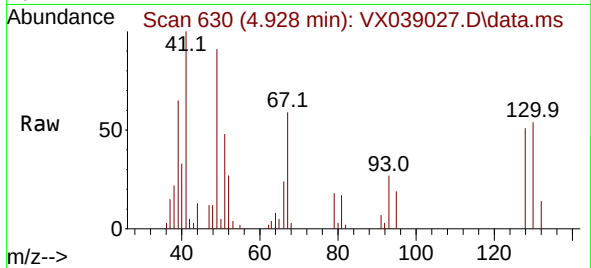
#35
Methacrylonitrile
Concen: 5.351 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX039027.D
Acq: 24 Nov 2023 16:18

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2023

Tgt Ion: 41 Resp: 7670
Ion Ratio Lower Upper
41 100
39 63.1 28.2 84.7
67 61.5 34.5 103.5
52 27.6 16.3 48.8

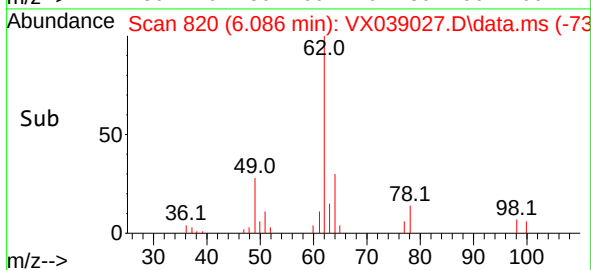
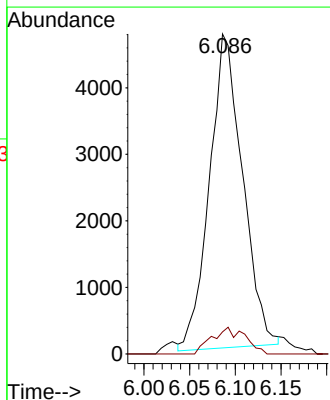
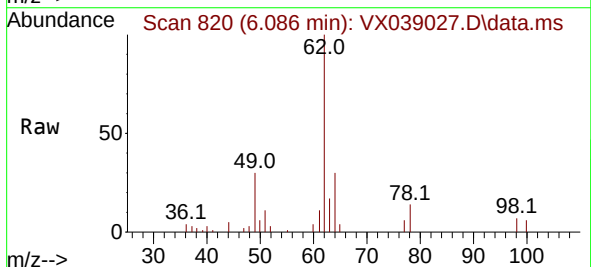
Manual Integrations
APPROVED

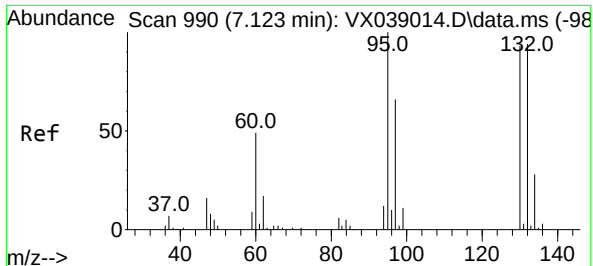
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#36
1,2-Dichloroethane
Concen: 5.170 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX039027.D
Acq: 24 Nov 2023 16:18

Tgt Ion: 62 Resp: 11879
Ion Ratio Lower Upper
62 100
98 5.5 7.0 10.4#





#37

Trichloroethene

Concen: 5.333 ug/l

RT: 7.128 min Scan# 990

Delta R.T. 0.006 min

Lab File: VX039027.D

Acq: 24 Nov 2023 16:18

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2023

Tgt Ion:130 Resp: 8475

Ion Ratio Lower Upper

130 100

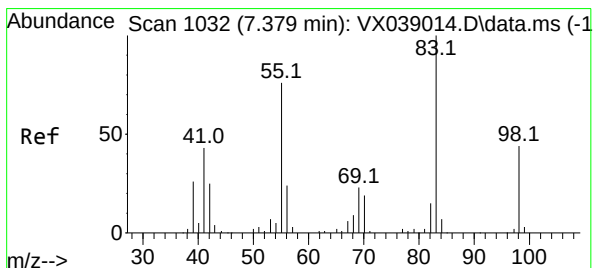
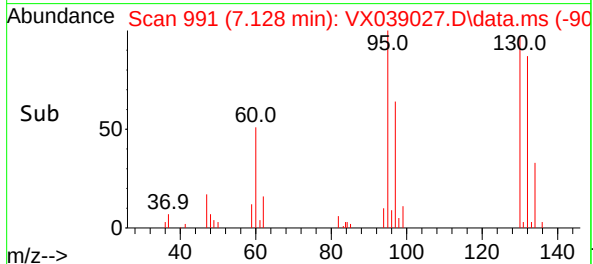
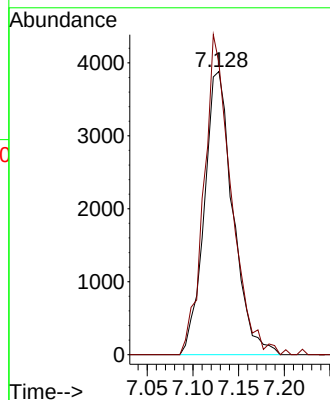
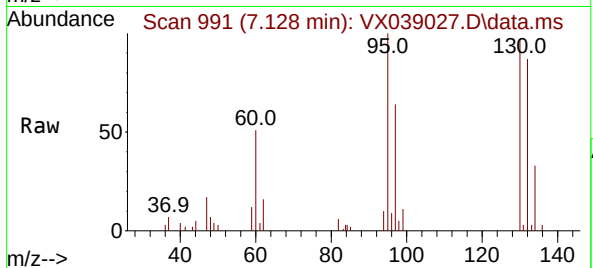
95 102.9 85.8 128.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#38

Methylcyclohexane

Concen: 5.240 ug/l

RT: 7.378 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX039027.D

Acq: 24 Nov 2023 16:18

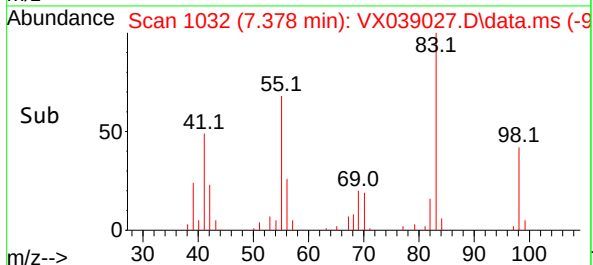
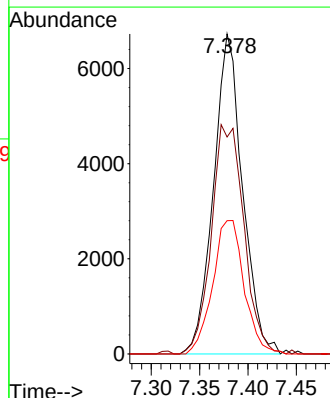
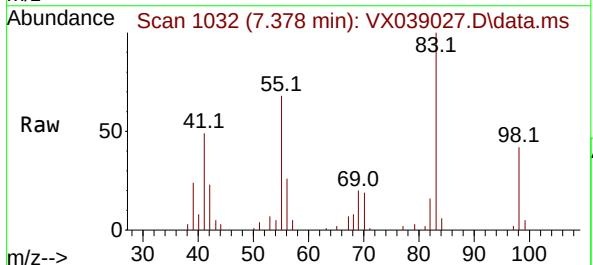
Tgt Ion: 83 Resp: 14034

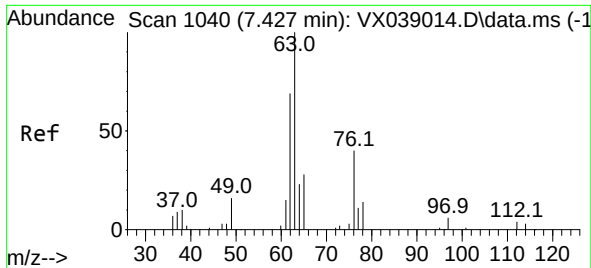
Ion Ratio Lower Upper

83 100

55 79.9 38.6 116.0

98 45.1 22.3 66.8





#39

1,2-Dichloropropane

Concen: 5.221 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX039027.D

Acq: 24 Nov 2023 16:18

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2023

Tgt Ion: 63 Resp: 862

Ion Ratio Lower Upper

63 100

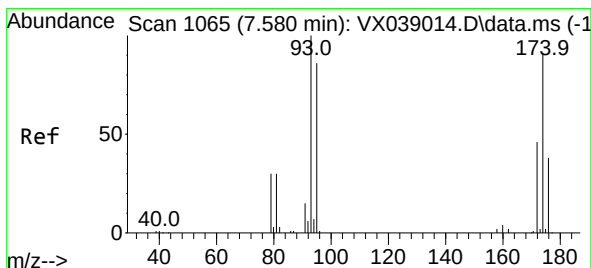
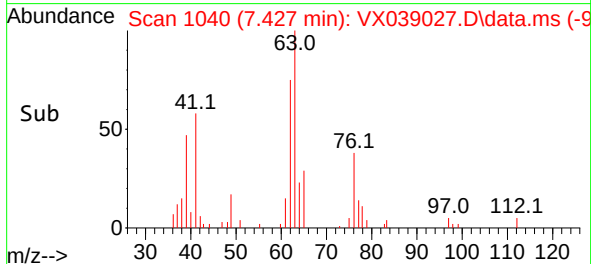
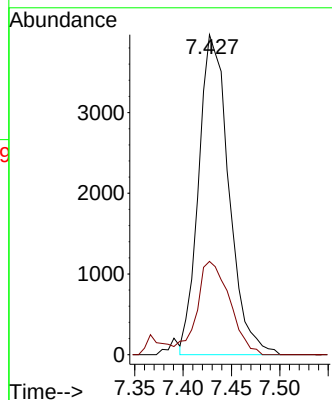
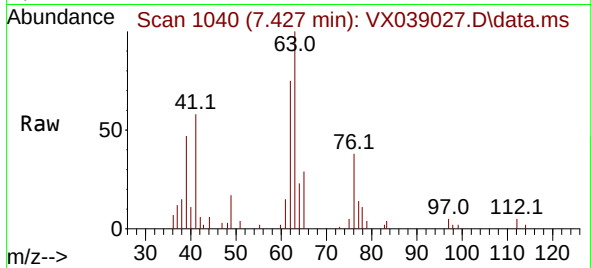
65 29.2 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#40

Dibromomethane

Concen: 5.090 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VX039027.D

Acq: 24 Nov 2023 16:18

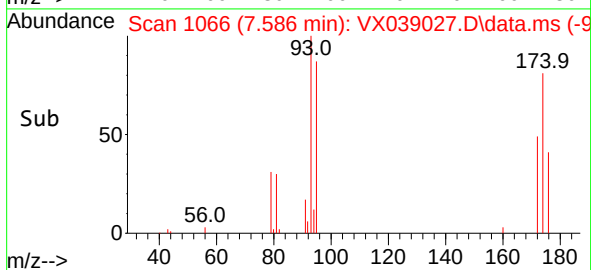
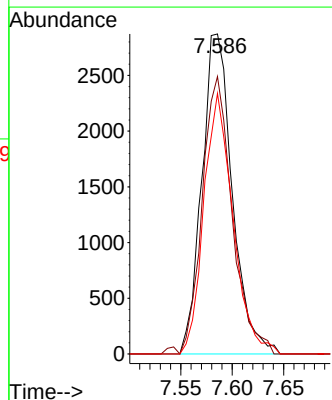
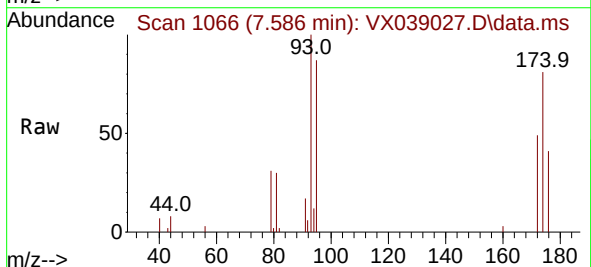
Tgt Ion: 93 Resp: 5939

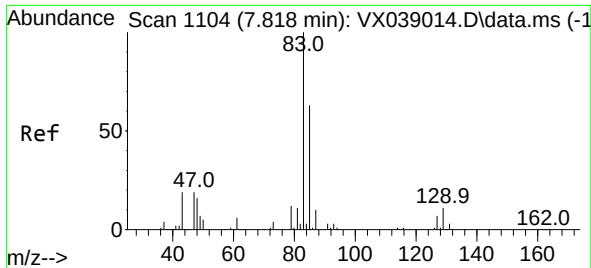
Ion Ratio Lower Upper

93 100

95 84.8 0.0 163.4

174 77.9 0.0 166.4





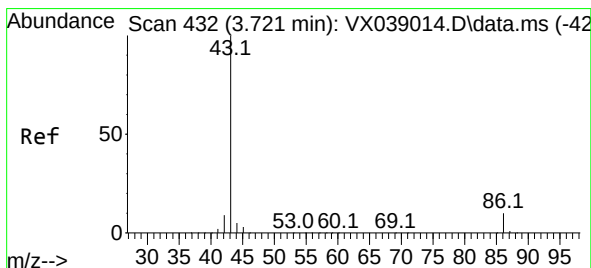
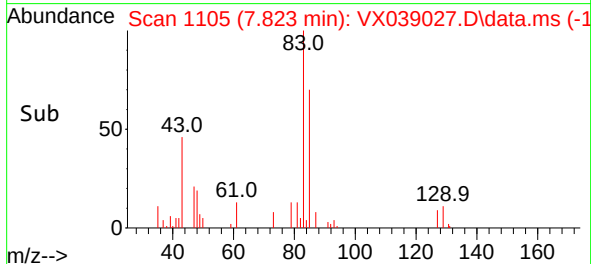
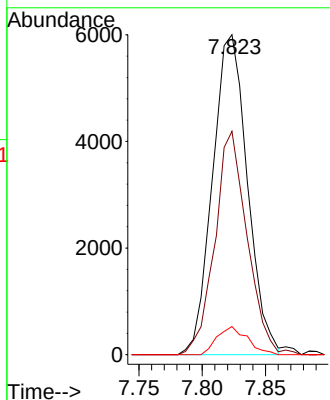
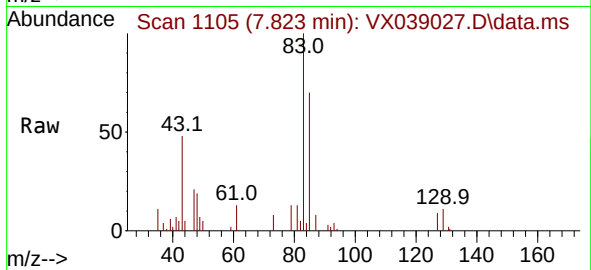
#41
Bromodichloromethane
Concen: 5.128 ug/l
RT: 7.823 min Scan# 1104
Delta R.T. 0.006 min
Lab File: VX039027.D
Acq: 24 Nov 2023 16:18

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2023

Tgt Ion: 83 Resp: 1149
Ion Ratio Lower Upper
83 100
85 69.8 50.8 76.2
127 8.8 5.9 8.9

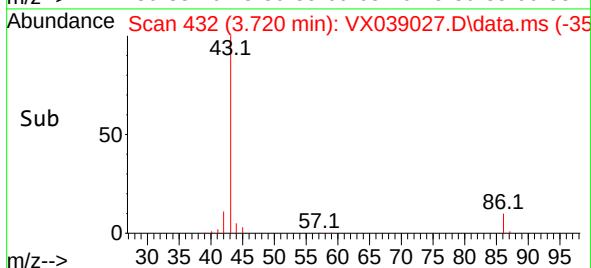
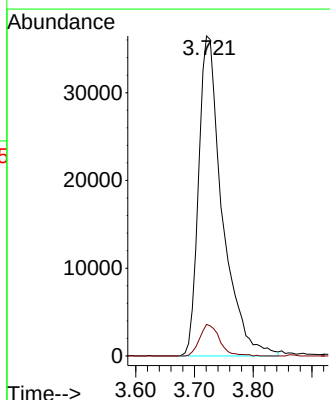
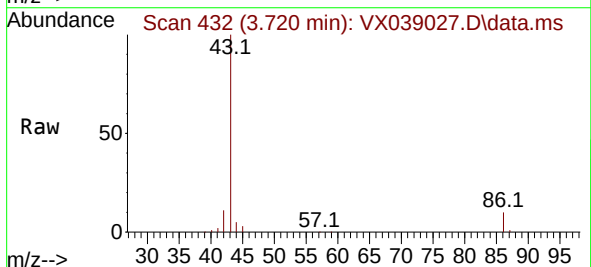
Manual Integrations
APPROVED

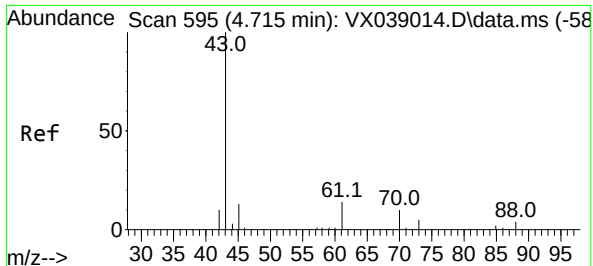
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#42
Vinyl Acetate
Concen: 26.472 ug/l
RT: 3.720 min Scan# 432
Delta R.T. -0.000 min
Lab File: VX039027.D
Acq: 24 Nov 2023 16:18

Tgt Ion: 43 Resp: 102035
Ion Ratio Lower Upper
43 100
86 8.2 6.7 10.1





#43

Ethyl Acetate

Concen: 5.578 ug/l

RT: 4.720 min Scan# 595

Delta R.T. 0.006 min

Lab File: VX039027.D

Acq: 24 Nov 2023 16:18

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2023

Tgt Ion: 43 Resp: 15530

Ion Ratio Lower Upper

43 100

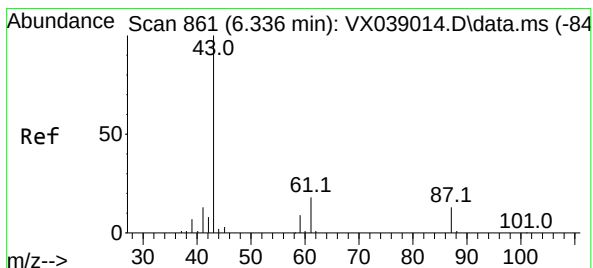
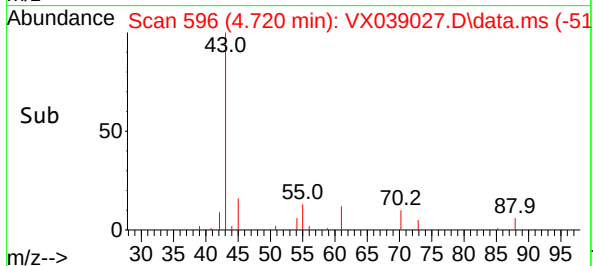
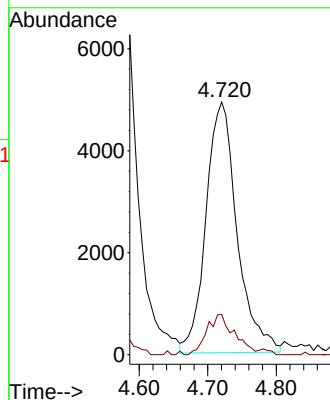
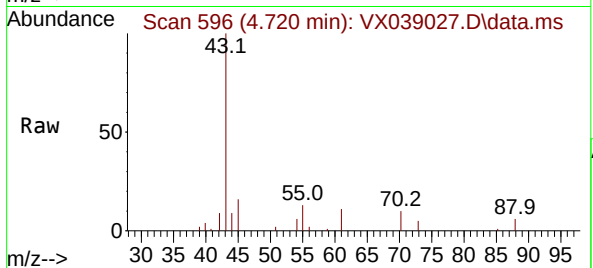
45 14.2 11.8 17.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#44

Isopropyl Acetate

Concen: 5.334 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.006 min

Lab File: VX039027.D

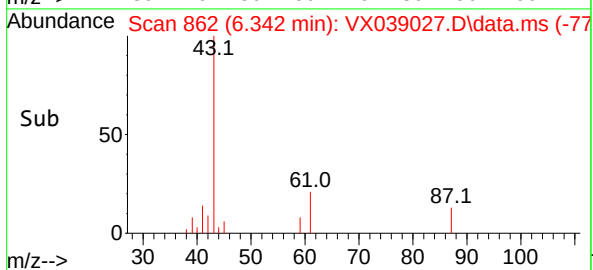
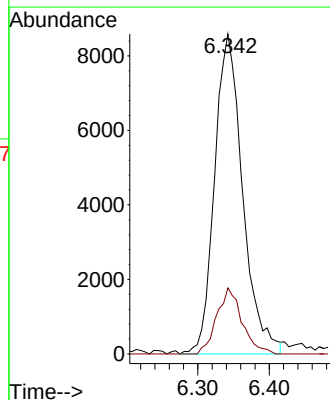
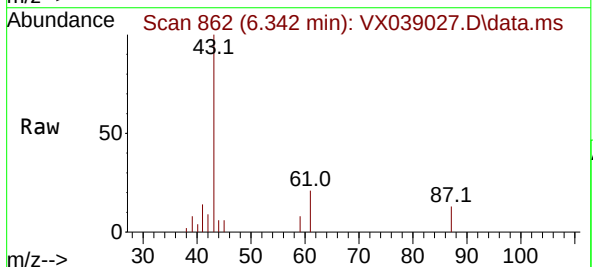
Acq: 24 Nov 2023 16:18

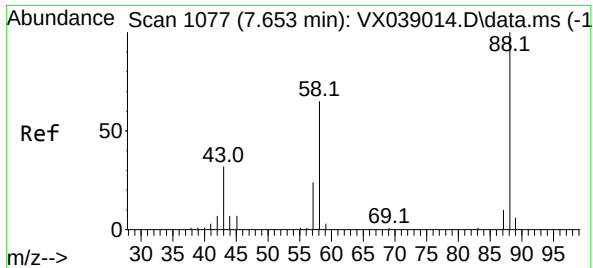
Tgt Ion: 43 Resp: 23412

Ion Ratio Lower Upper

43 100

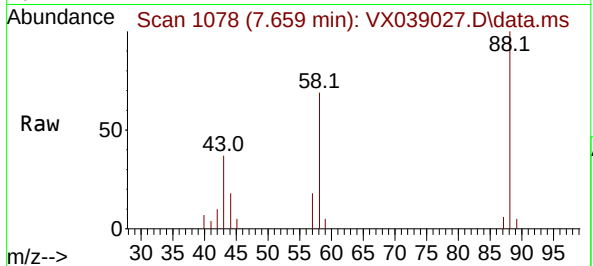
61 18.6 15.6 23.4





#45
1,4-Dioxane
Concen: 110.031 ug/l
RT: 7.659 min Scan# 1077
Delta R.T. 0.006 min
Lab File: VX039027.D
Acq: 24 Nov 2023 16:18

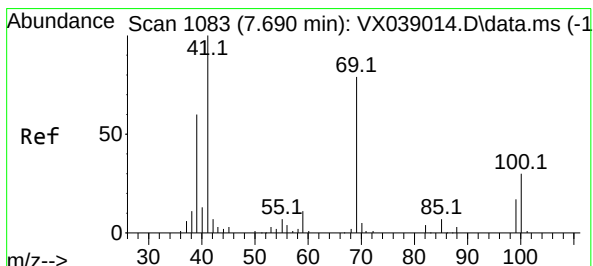
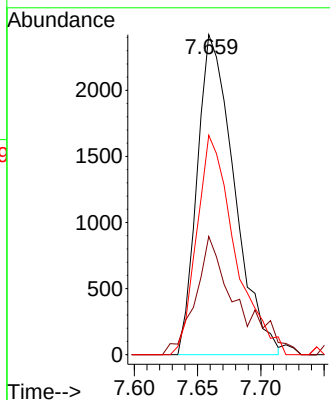
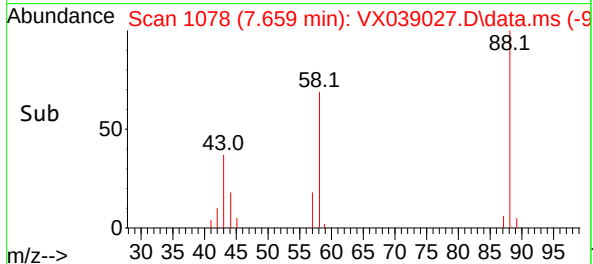
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2023



Tgt Ion: 88 Resp: 4930
Ion Ratio Lower Upper
88 100
43 33.9 28.1 42.1
58 70.4 57.7 86.5

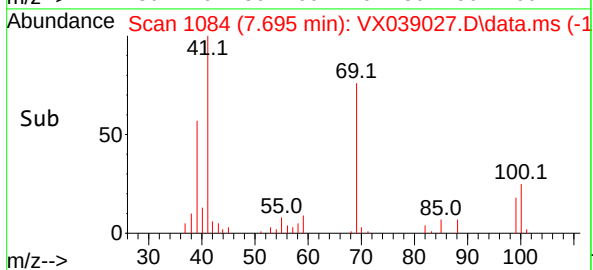
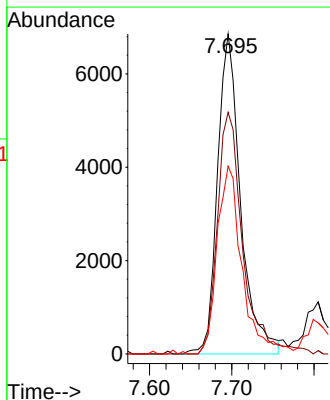
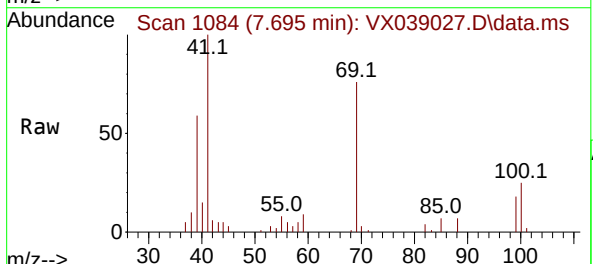
Manual Integrations
APPROVED

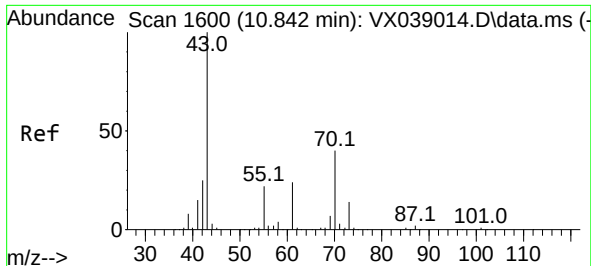
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#46
Methyl methacrylate
Concen: 5.344 ug/l
RT: 7.695 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX039027.D
Acq: 24 Nov 2023 16:18

Tgt Ion: 41 Resp: 13409
Ion Ratio Lower Upper
41 100
69 75.5 39.6 118.8
39 58.7 30.1 90.3





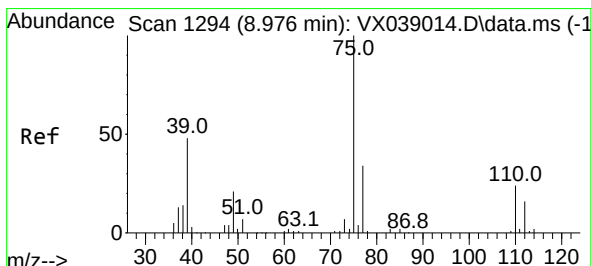
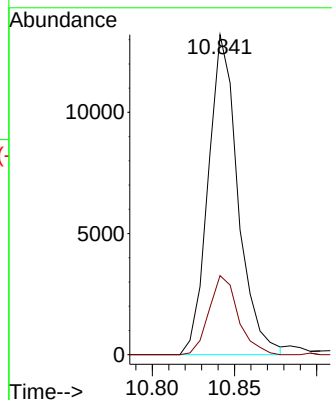
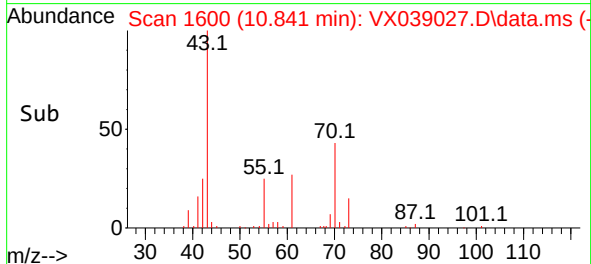
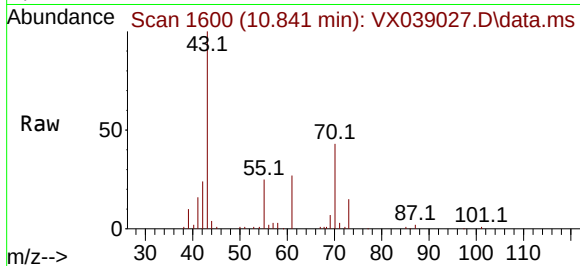
#47
n-amy1 Acetate
Concen: 4.488 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX039027.D
Acq: 24 Nov 2023 16:18

Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT4-2023

Tgt Ion: 43 Resp: 1667
Ion Ratio Lower Upper
43 100
55 24.0 18.2 27.2

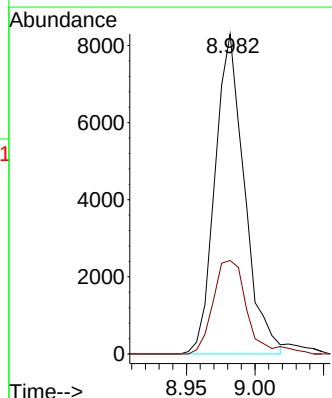
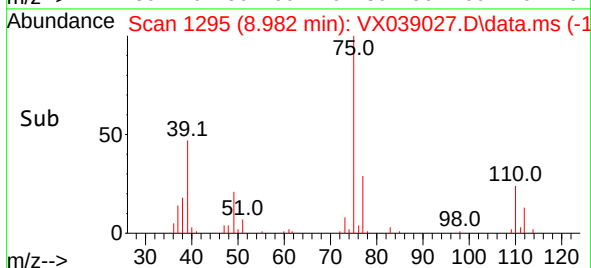
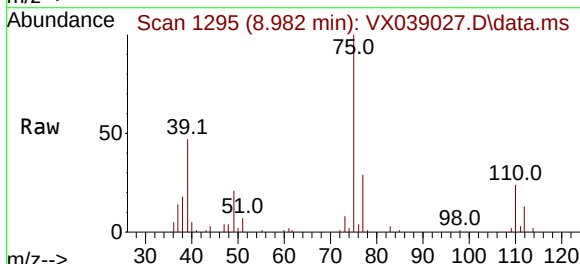
Manual Integrations
APPROVED

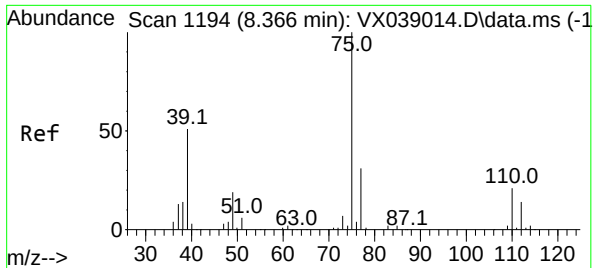
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#48
t-1,3-Dichloropropene
Concen: 4.761 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.006 min
Lab File: VX039027.D
Acq: 24 Nov 2023 16:18

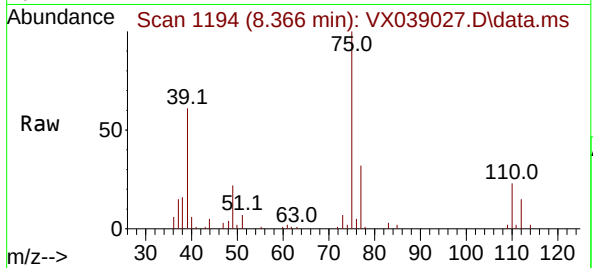
Tgt Ion: 75 Resp: 12374
Ion Ratio Lower Upper
75 100
77 29.2 26.8 40.2





#49
cis-1,3-Dichloropropene
Concen: 5.097 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX039027.D
Acq: 24 Nov 2023 16:18

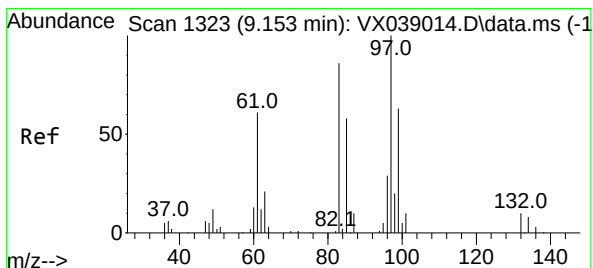
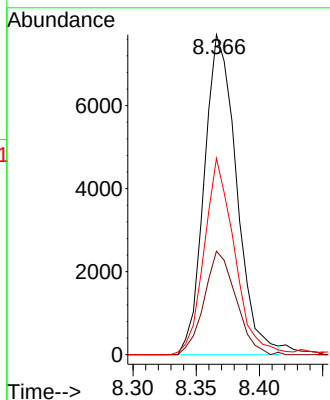
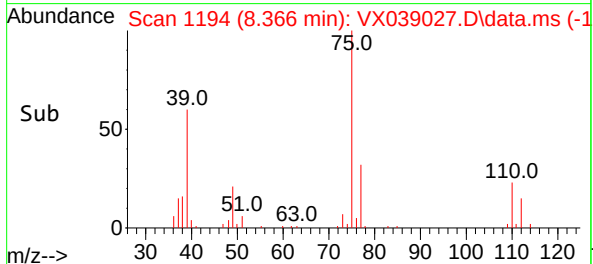
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT4-2023



Tgt Ion: 75 Resp: 1366
Ion Ratio Lower Upper
75 100
77 32.4 24.4 36.6
39 60.6 40.6 60.8

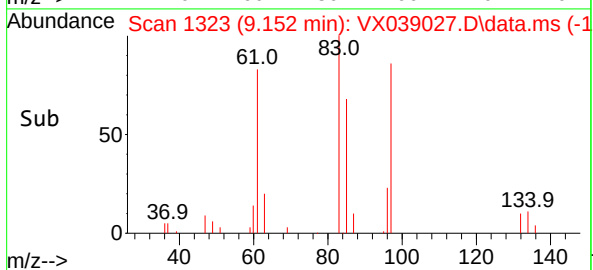
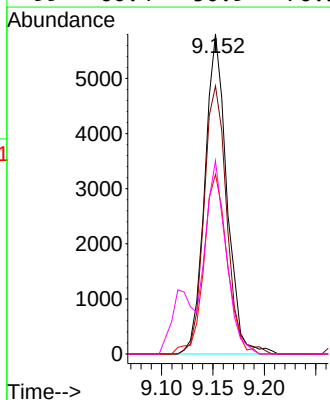
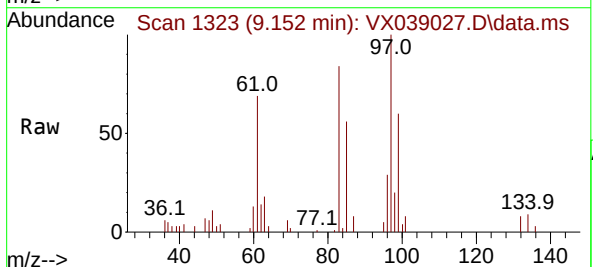
Manual Integrations
APPROVED

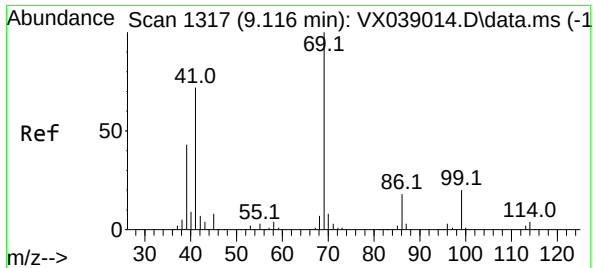
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#50
1,1,2-Trichloroethane
Concen: 5.486 ug/l
RT: 9.152 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX039027.D
Acq: 24 Nov 2023 16:18

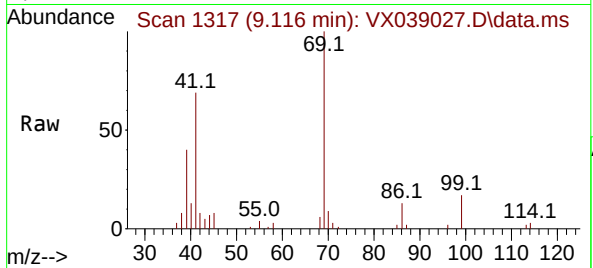
Tgt Ion: 97 Resp: 8695
Ion Ratio Lower Upper
97 100
83 83.7 69.0 103.6
85 56.2 46.3 69.5
99 60.4 50.9 76.3





#51
Ethyl methacrylate
Concen: 5.118 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX039027.D
Acq: 24 Nov 2023 16:18

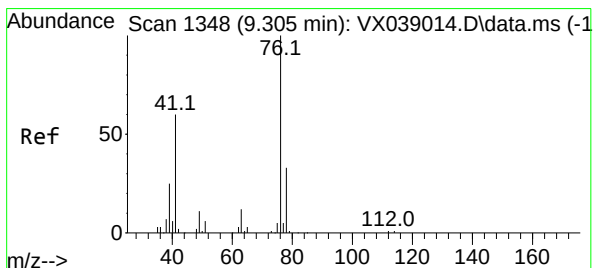
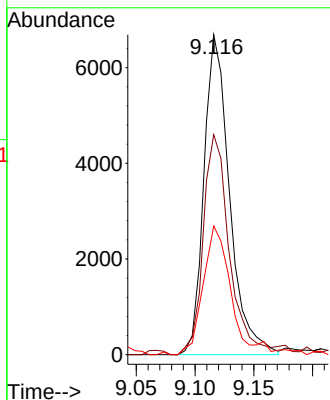
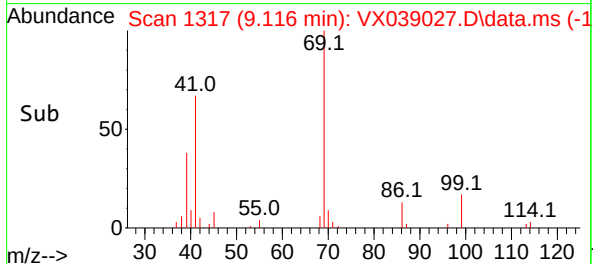
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2023



Tgt Ion: 69 Resp: 10154
Ion Ratio Lower Upper
69 100
41 68.7 36.2 108.6
39 40.2 21.1 63.4

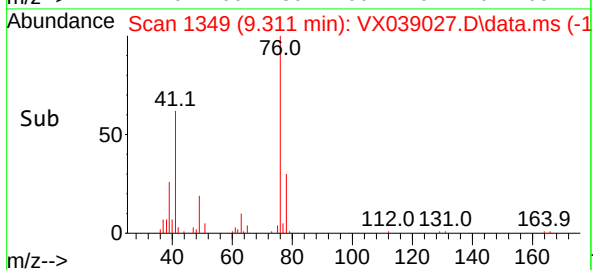
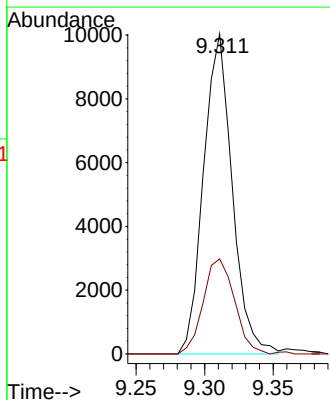
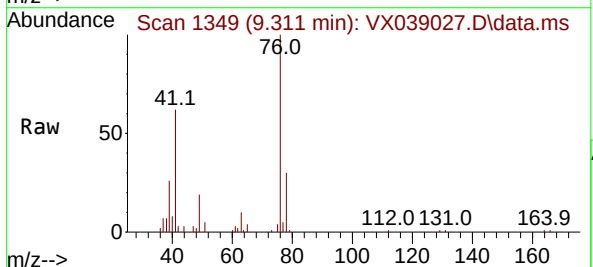
Manual Integrations
APPROVED

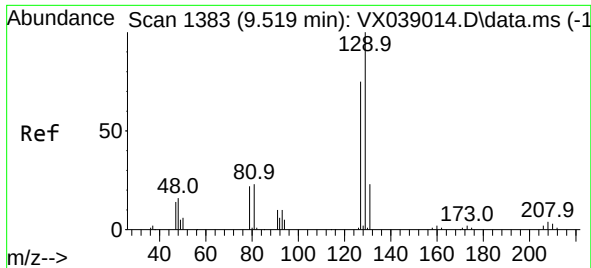
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#52
1,3-Dichloropropane
Concen: 5.378 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.006 min
Lab File: VX039027.D
Acq: 24 Nov 2023 16:18

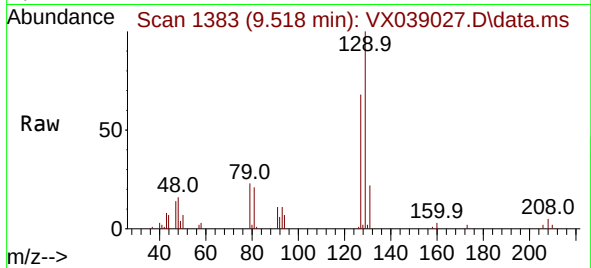
Tgt Ion: 76 Resp: 14617
Ion Ratio Lower Upper
76 100
78 32.3 0.0 65.0





#53
Dibromochloromethane
Concen: 4.604 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX039027.D
Acq: 24 Nov 2023 16:18

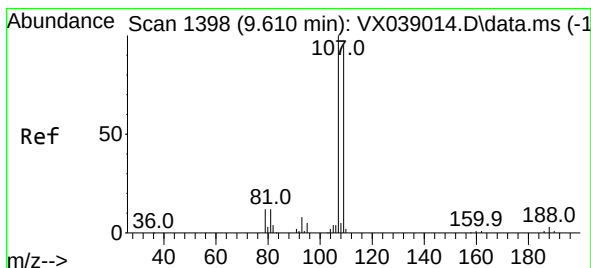
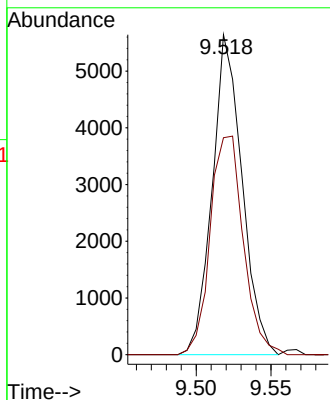
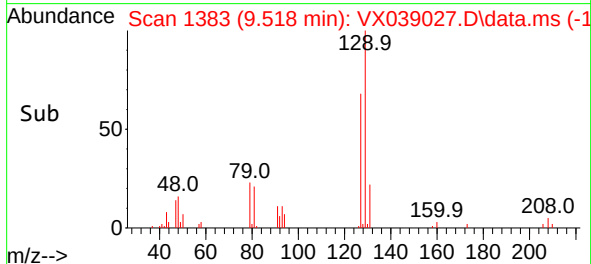
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2023



Tgt Ion:129 Resp: 783
Ion Ratio Lower Upper
129 100
127 75.8 38.3 114.9

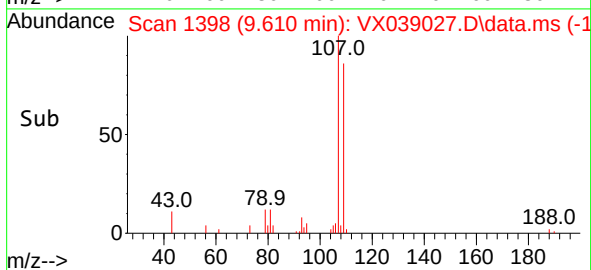
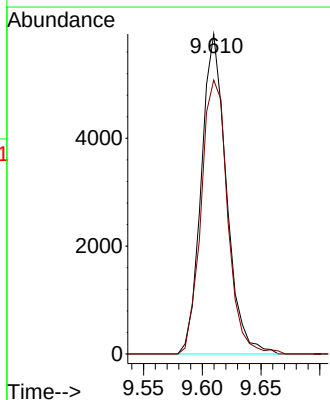
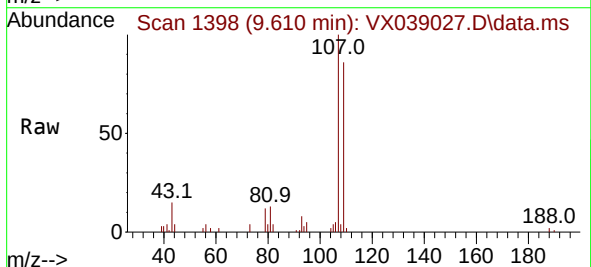
Manual Integrations
APPROVED

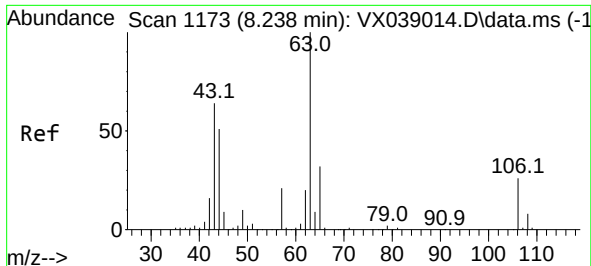
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#54
1,2-Dibromoethane
Concen: 5.069 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX039027.D
Acq: 24 Nov 2023 16:18

Tgt Ion:107 Resp: 8810
Ion Ratio Lower Upper
107 100
109 89.9 75.1 112.7





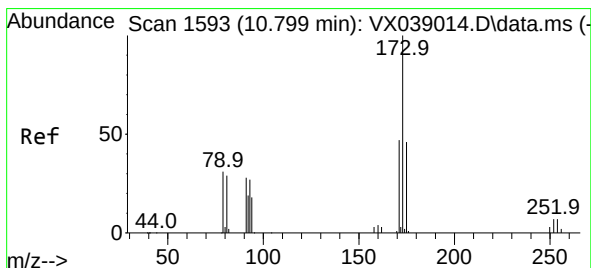
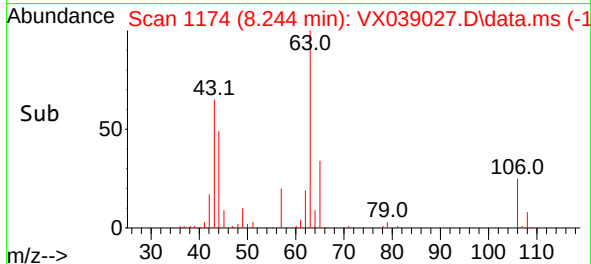
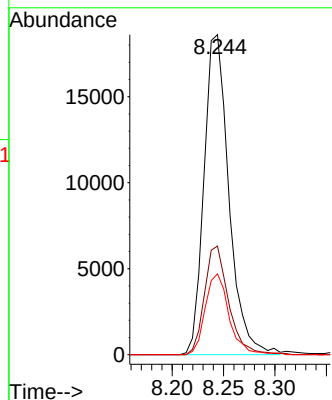
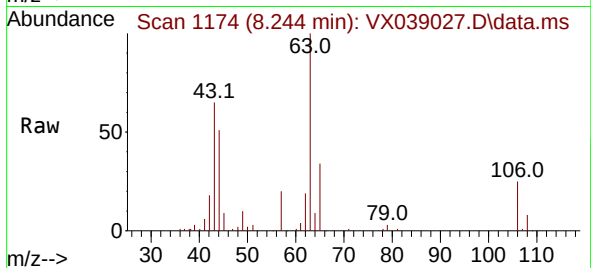
#55
2-Chloroethyl vinyl ether
Concen: 25.006 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VX039027.D
Acq: 24 Nov 2023 16:18

Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT4-2023

Tgt Ion: 63 Resp: 3144
Ion Ratio Lower Upper
63 100
65 32.7 25.8 38.6
106 24.0 20.6 31.0

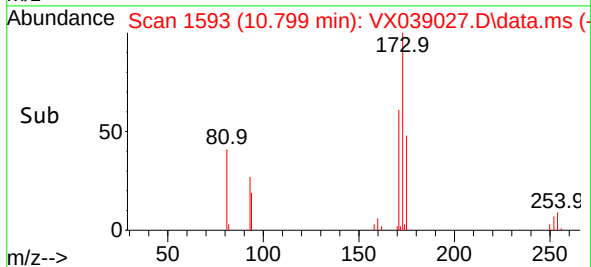
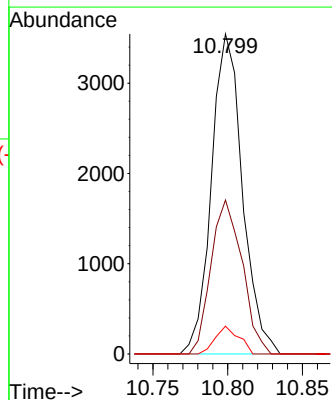
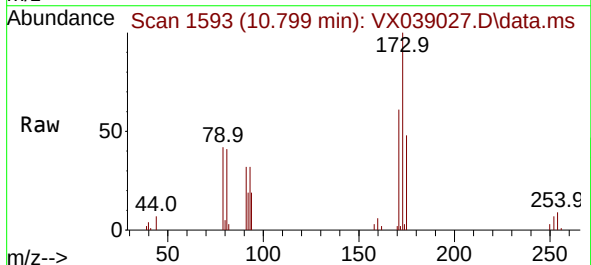
Manual Integrations
APPROVED

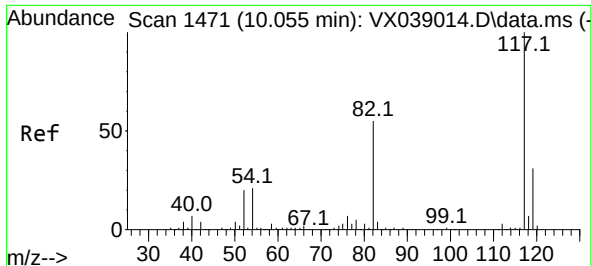
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#56
Bromoform
Concen: 4.160 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX039027.D
Acq: 24 Nov 2023 16:18

Tgt Ion:173 Resp: 5110
Ion Ratio Lower Upper
173 100
175 48.3 37.6 56.4
254 6.6 5.8 8.8





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX039027.D

Acq: 24 Nov 2023 16:18

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2023

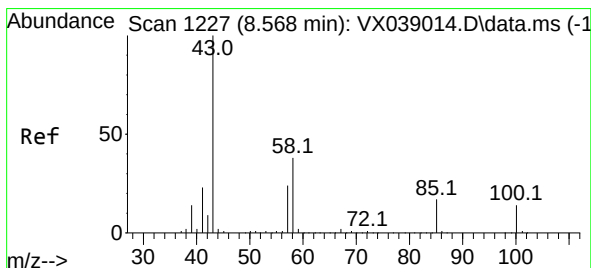
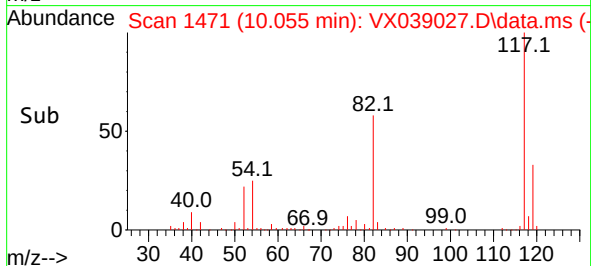
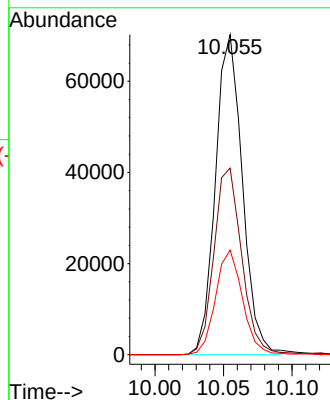
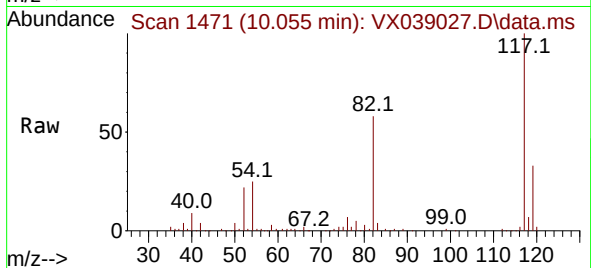
Tgt Ion:	117	Resp:	96052
Ion Ratio	Lower	Upper	
117	100		
82	60.3	47.0	70.6
119	32.8	25.2	37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#58

4-Methyl-2-Pentanone

Concen: 27.213 ug/l

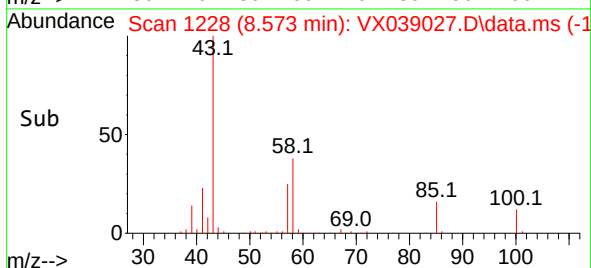
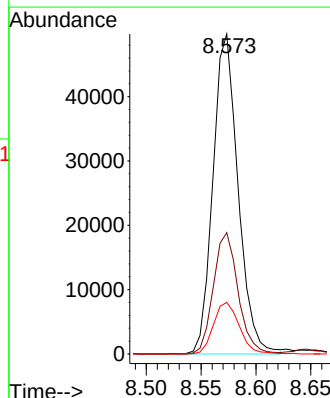
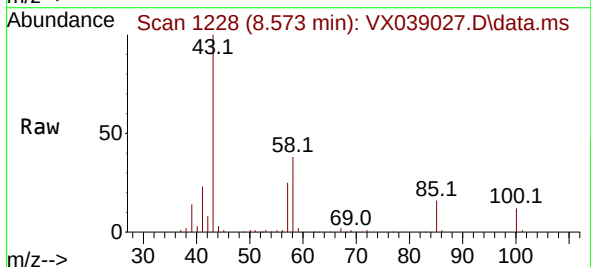
RT: 8.573 min Scan# 1228

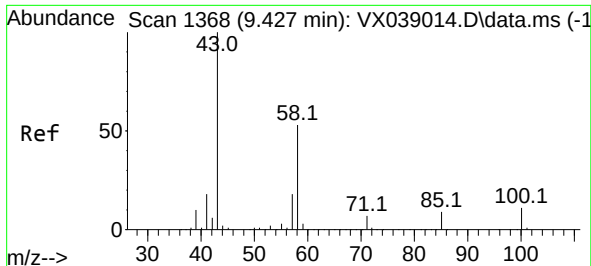
Delta R.T. 0.006 min

Lab File: VX039027.D

Acq: 24 Nov 2023 16:18

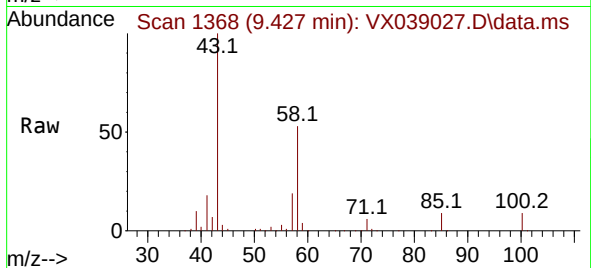
Tgt Ion:	43	Resp:	79266
Ion Ratio	Lower	Upper	
43	100		
58	37.3	30.1	45.1
85	16.5	13.9	20.9





#59
2-Hexanone
Concen: 26.612 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX039027.D
Acq: 24 Nov 2023 16:18

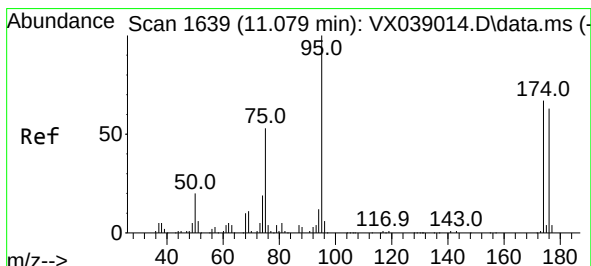
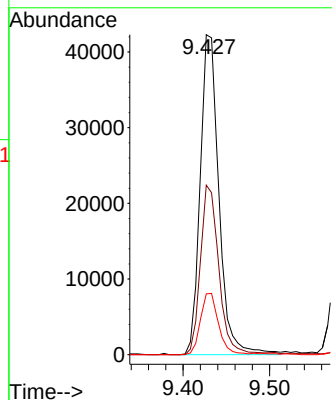
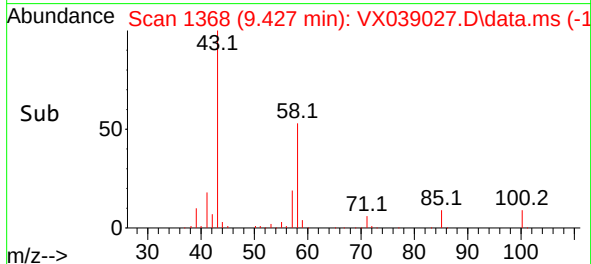
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2023



Tgt Ion: 43 Resp: 6362
Ion Ratio Lower Upper
43 100
58 52.0 42.7 64.1
57 18.4 14.8 22.2

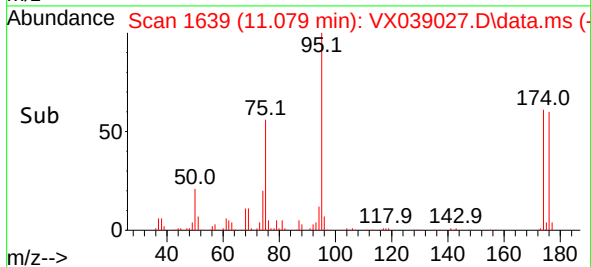
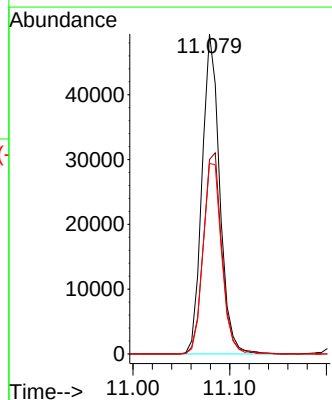
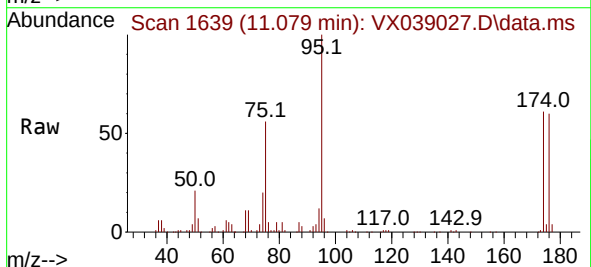
Manual Integrations
APPROVED

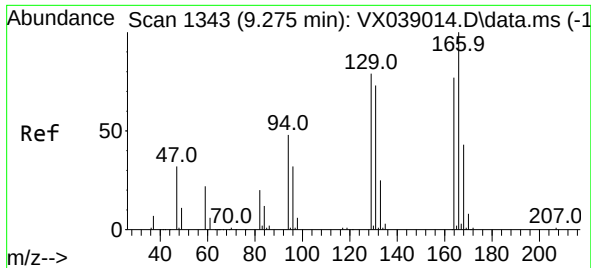
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#60
4-Bromofluorobenzene
Concen: 29.874 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX039027.D
Acq: 24 Nov 2023 16:18

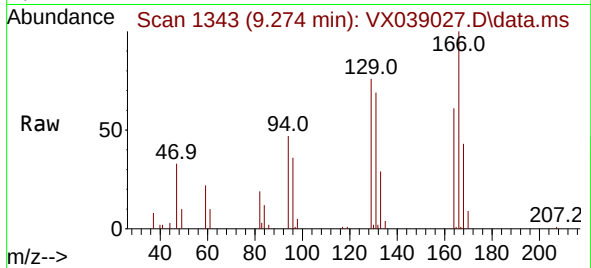
Tgt Ion: 95 Resp: 62674
Ion Ratio Lower Upper
95 100
174 66.0 55.4 83.2
176 63.0 52.6 78.8





#61
Tetrachloroethene
Concen: 5.101 ug/l
RT: 9.274 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039027.D
Acq: 24 Nov 2023 16:18

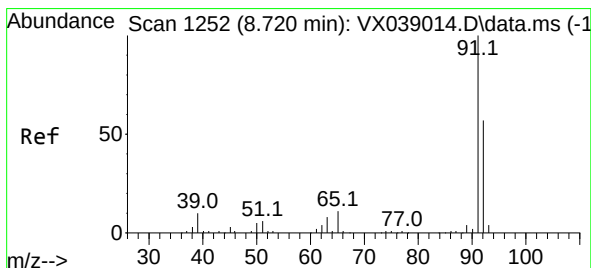
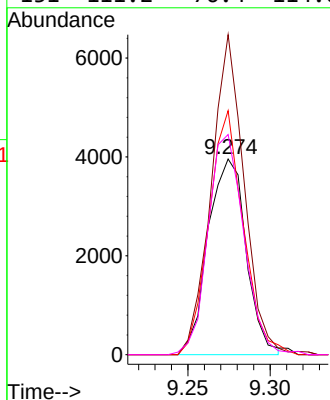
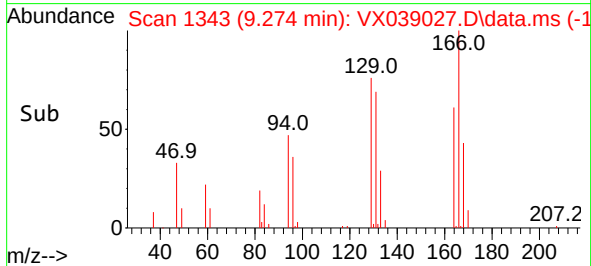
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2023



Tgt Ion:164 Resp: 6370
Ion Ratio Lower Upper
164 100
166 163.5 104.0 156.0
129 124.7 82.0 123.0
131 111.2 76.4 114.6

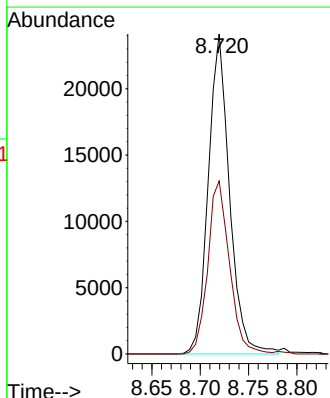
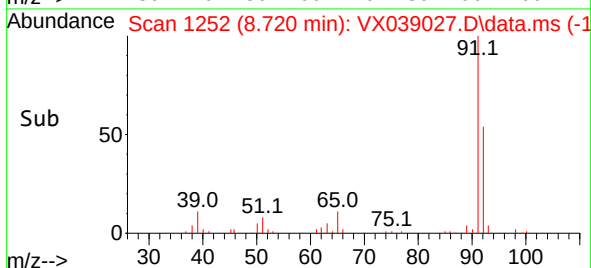
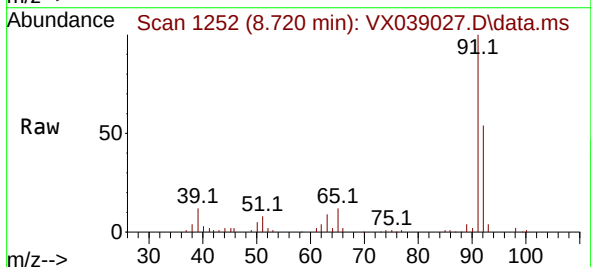
Manual Integrations
APPROVED

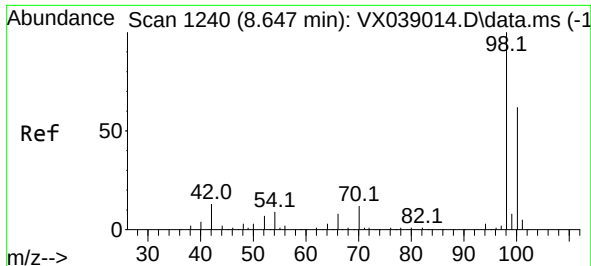
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#62
Toluene
Concen: 5.396 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX039027.D
Acq: 24 Nov 2023 16:18

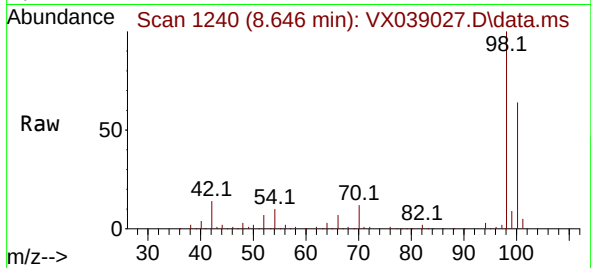
Tgt Ion: 91 Resp: 36799
Ion Ratio Lower Upper
91 100
92 55.1 45.9 68.9





#63
Toluene-d8
Concen: 31.122 ug/l
RT: 8.646 min Scan# 118180
Delta R.T. -0.000 min
Lab File: VX039027.D
Acq: 24 Nov 2023 16:18

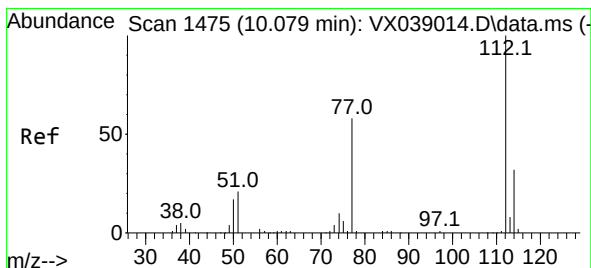
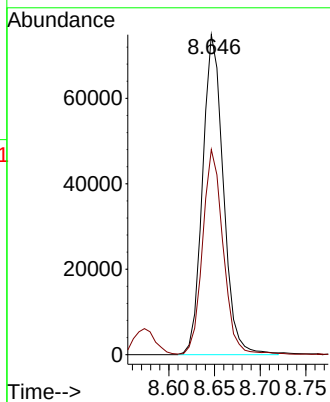
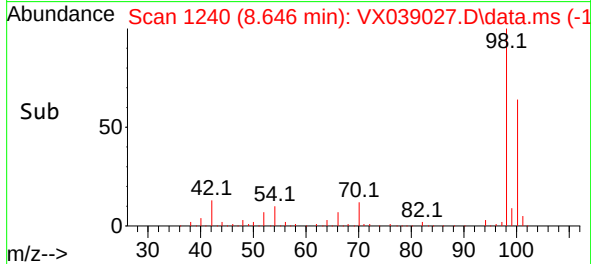
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT4-2023



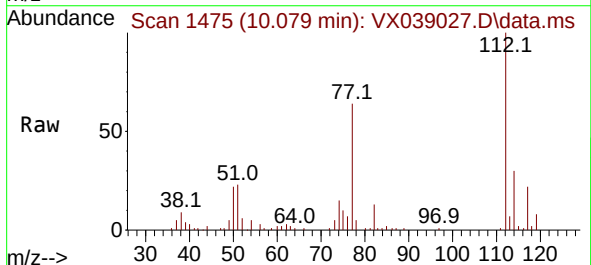
Tgt Ion: 98 Resp: 118180
Ion Ratio Lower Upper
98 100
100 63.6 51.0 76.4

Manual Integrations
APPROVED

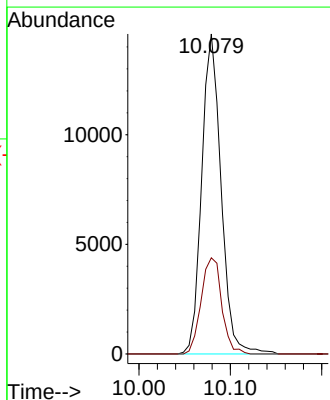
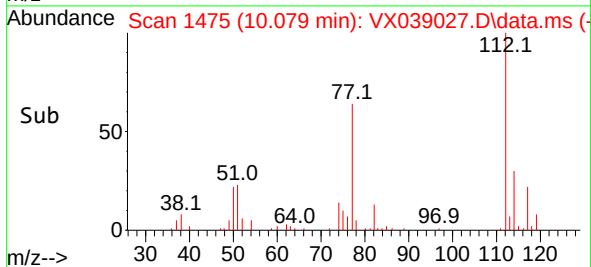
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023

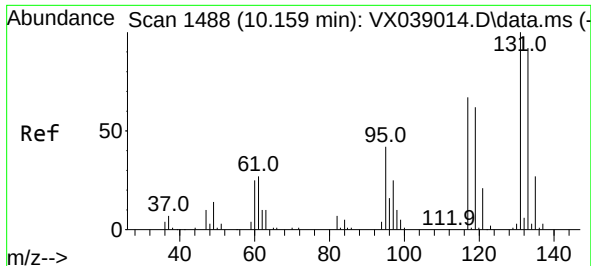


#64
Chlorobenzene
Concen: 5.170 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX039027.D
Acq: 24 Nov 2023 16:18



Tgt Ion:112 Resp: 21445
Ion Ratio Lower Upper
112 100
114 30.0 25.9 38.9





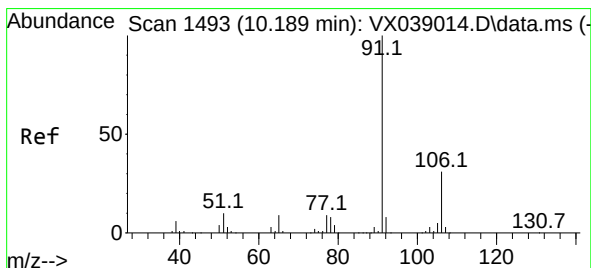
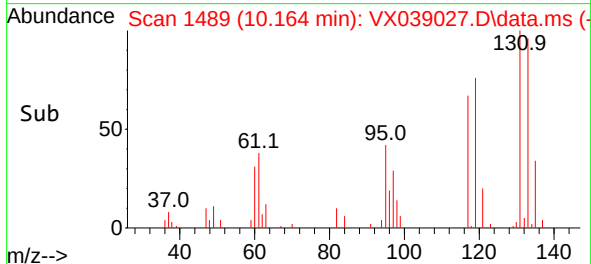
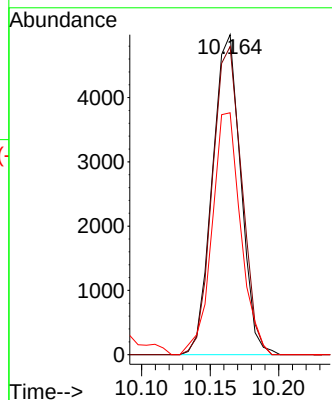
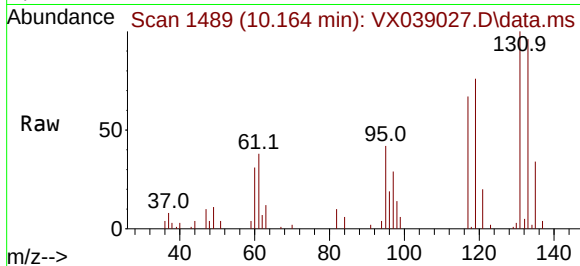
#65
1,1,1,2-Tetrachloroethane
Concen: 4.804 ug/l
RT: 10.164 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX039027.D
Acq: 24 Nov 2023 16:18

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2023

Tgt Ion:131 Resp: 7170
Ion Ratio Lower Upper
131 100
133 99.4 0.0 191.8
119 76.4 0.0 135.4

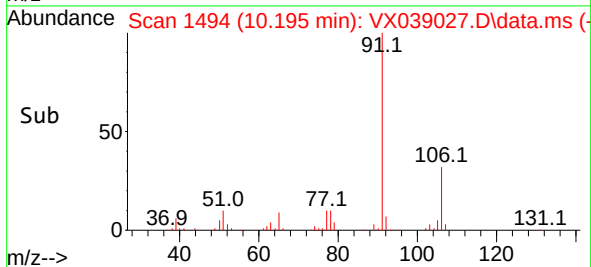
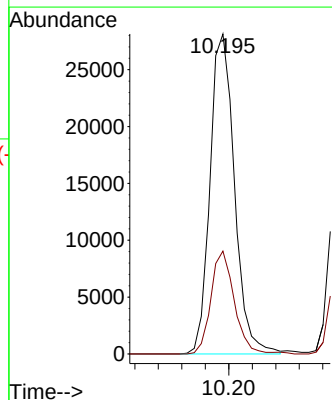
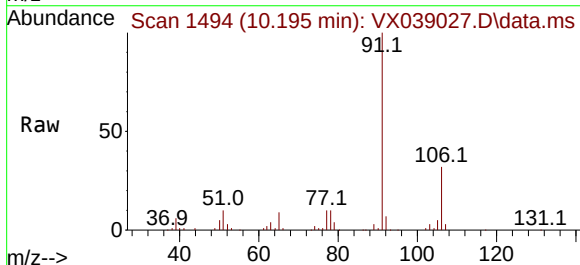
Manual Integrations
APPROVED

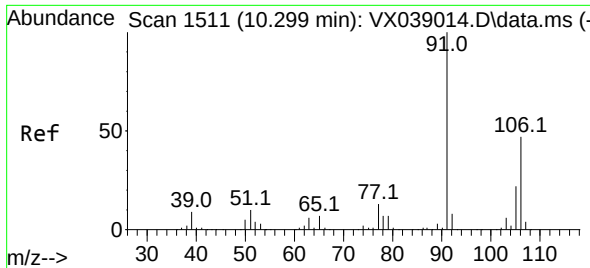
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#66
Ethyl Benzene
Concen: 5.241 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX039027.D
Acq: 24 Nov 2023 16:18

Tgt Ion: 91 Resp: 40698
Ion Ratio Lower Upper
91 100
106 32.1 24.4 36.6





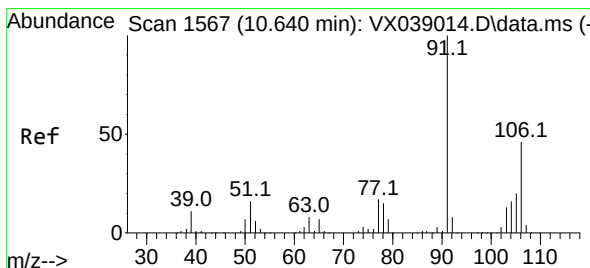
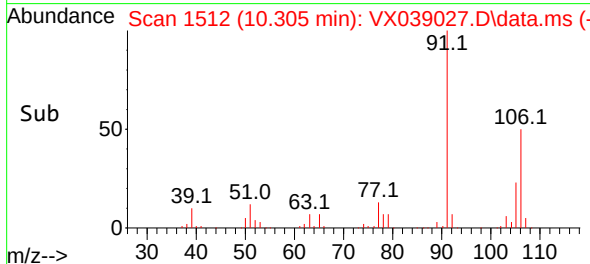
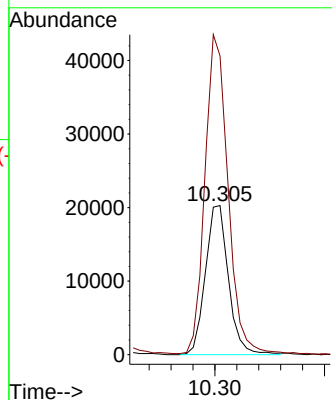
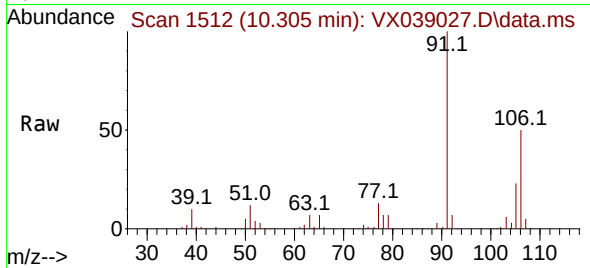
#67
m/p-Xylenes
Concen: 10.325 ug/l
RT: 10.305 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VX039027.D
Acq: 24 Nov 2023 16:18

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2023

Tgt Ion:106 Resp: 2962
Ion Ratio Lower Upper
106 100
91 215.7 169.4 254.0

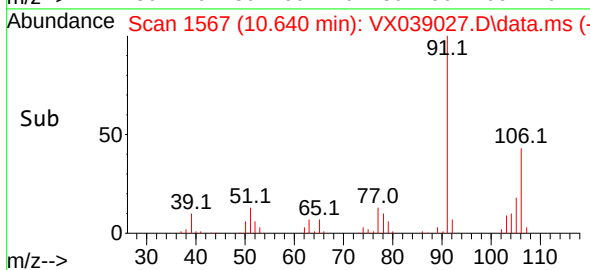
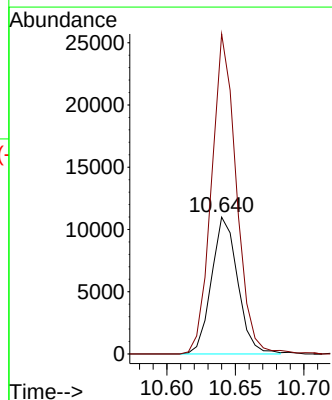
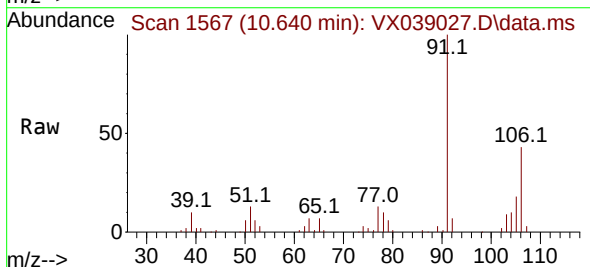
Manual Integrations
APPROVED

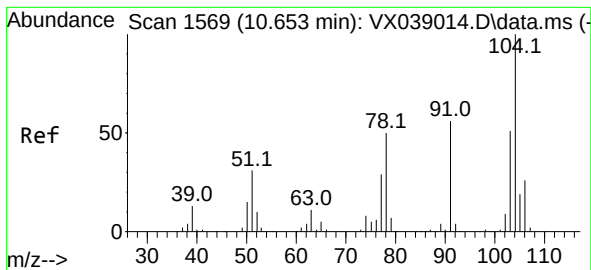
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#68
o-Xylene
Concen: 5.259 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX039027.D
Acq: 24 Nov 2023 16:18

Tgt Ion:106 Resp: 14616
Ion Ratio Lower Upper
106 100
91 221.3 111.2 333.6





#69

Styrene

Concen: 4.930 ug/l

RT: 10.658 min Scan# 1569

Delta R.T. 0.006 min

Lab File: VX039027.D

Acq: 24 Nov 2023 16:18

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2023

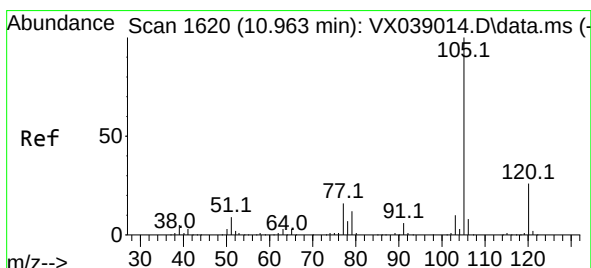
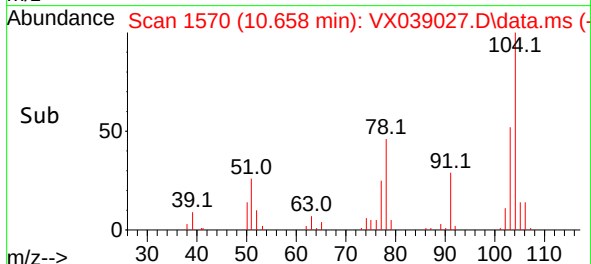
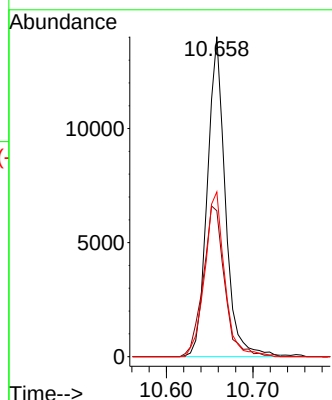
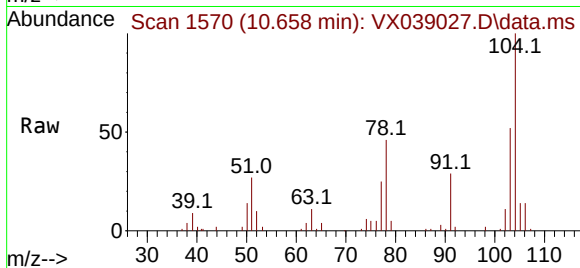
Tgt Ion:104 Resp: 2028
 Ion Ratio Lower Upper
 104 100
 78 55.8 43.7 65.5
 103 56.6 44.6 67.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#70

Isopropylbenzene

Concen: 5.236 ug/l

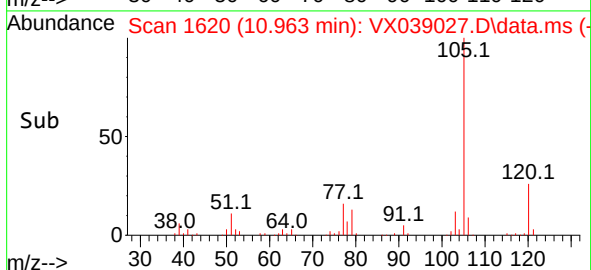
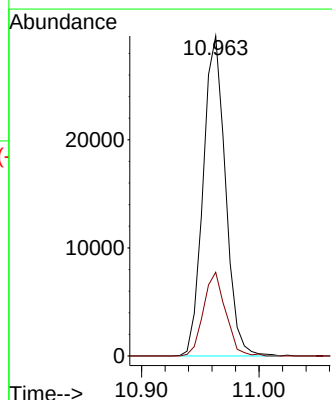
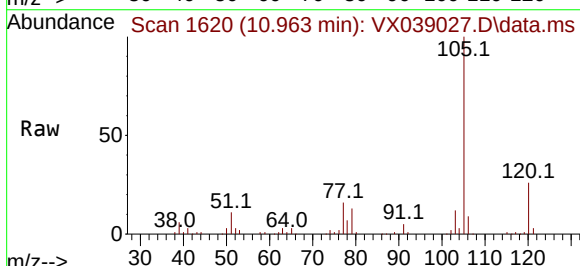
RT: 10.963 min Scan# 1620

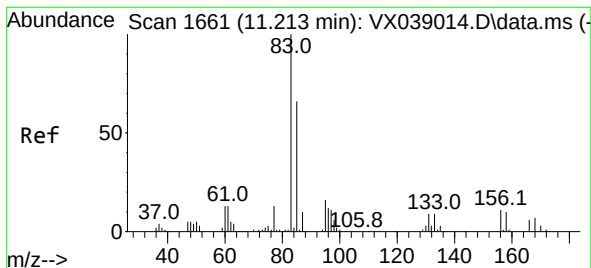
Delta R.T. -0.000 min

Lab File: VX039027.D

Acq: 24 Nov 2023 16:18

Tgt Ion:105 Resp: 38936
 Ion Ratio Lower Upper
 105 100
 120 26.0 18.5 34.3





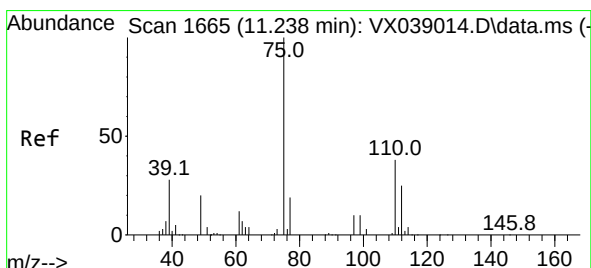
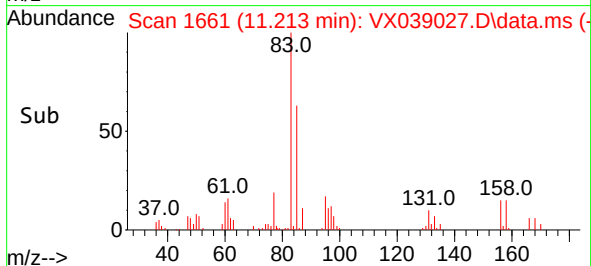
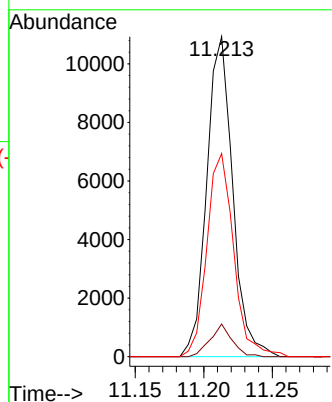
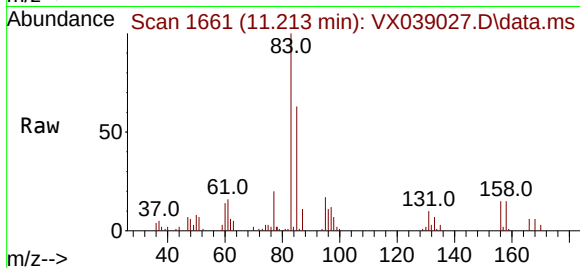
#71
1,1,2,2-Tetrachloroethane
Concen: 5.190 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX039027.D
Acq: 24 Nov 2023 16:18

Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT4-2023

Tgt Ion: 83 Resp: 14409
Ion Ratio Lower Upper
83 100
131 8.6 4.6 13.8
85 65.5 32.5 97.4

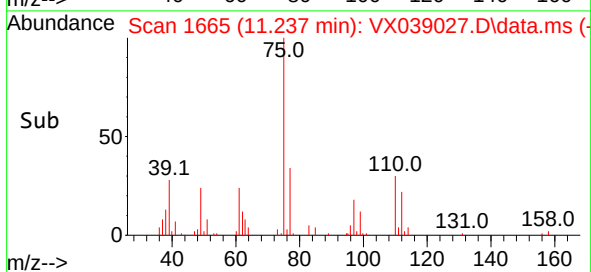
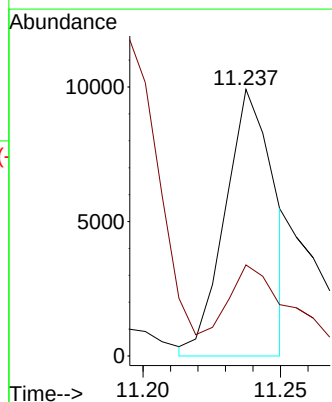
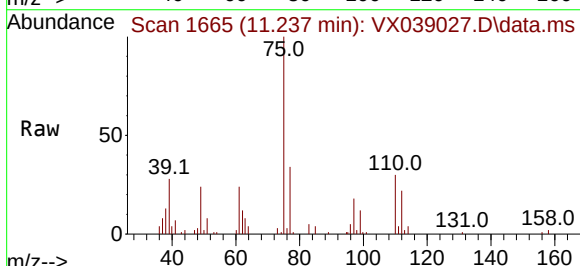
Manual Integrations
APPROVED

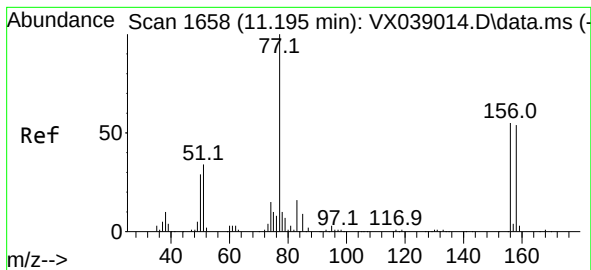
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#72
1,2,3-Trichloropropane
Concen: 5.188 ug/l m
RT: 11.237 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX039027.D
Acq: 24 Nov 2023 16:18

Tgt Ion: 75 Resp: 12188
Ion Ratio Lower Upper
75 100
77 45.3 0.0 76.4





#73

Bromobenzene

Concen: 5.230 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX039027.D

Acq: 24 Nov 2023 16:18

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2023

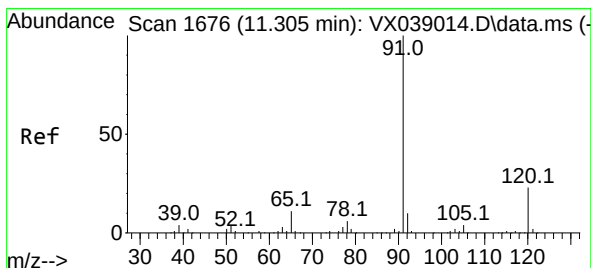
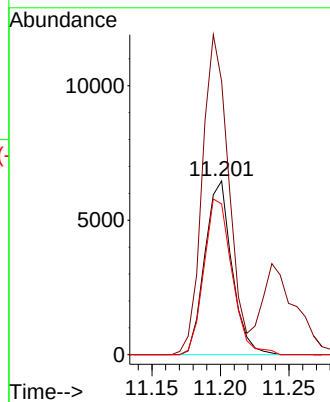
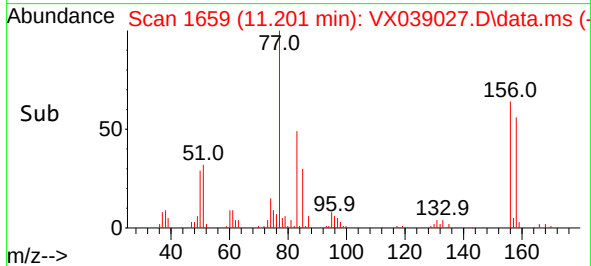
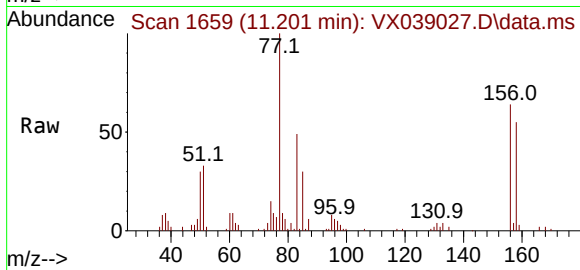
Tgt Ion:	156	Resp:	885
Ion Ratio	Lower	Upper	
156	100		
77	179.5	0.0	363.2
158	93.2	0.0	197.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#74

n-propylbenzene

Concen: 5.153 ug/l

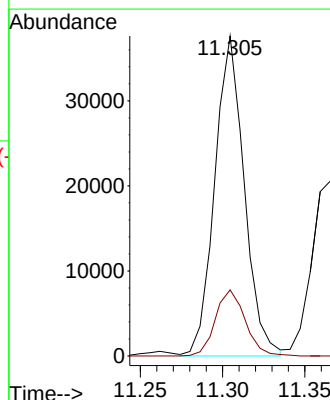
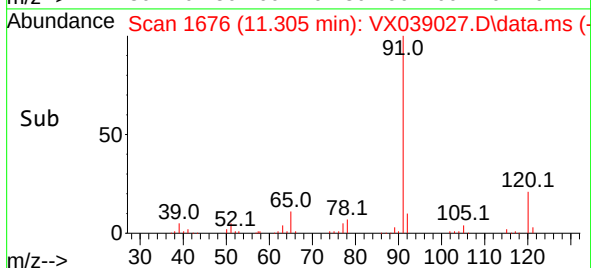
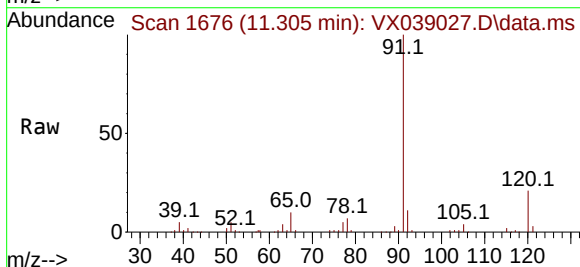
RT: 11.305 min Scan# 1676

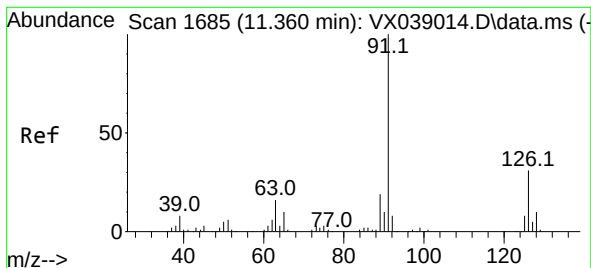
Delta R.T. -0.000 min

Lab File: VX039027.D

Acq: 24 Nov 2023 16:18

Tgt Ion:	91	Resp:	46953
Ion Ratio	Lower	Upper	
91	100		
120	20.9	0.0	43.4





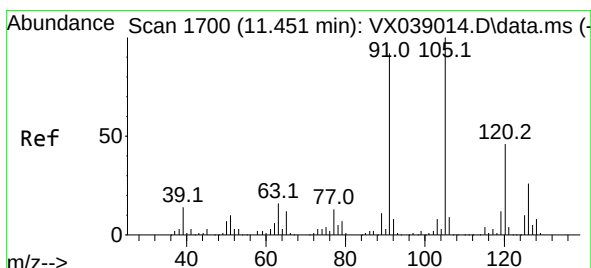
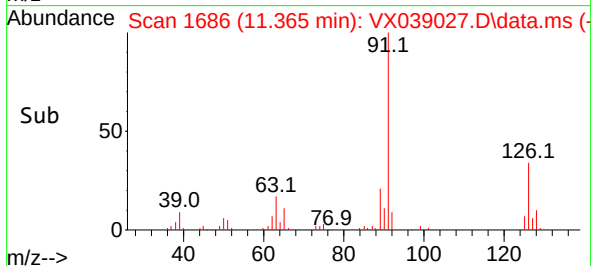
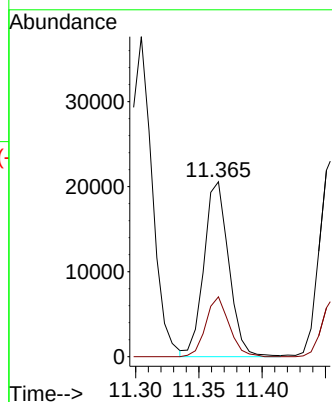
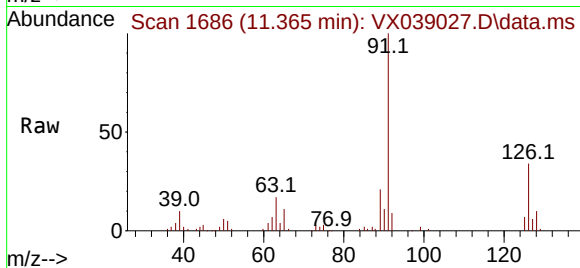
#75
2-Chlorotoluene
Concen: 5.278 ug/l
RT: 11.365 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VX039027.D
Acq: 24 Nov 2023 16:18

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2023

Tgt Ion: 91 Resp: 2821
Ion Ratio Lower Upper
91 100
126 32.1 0.0 64.2

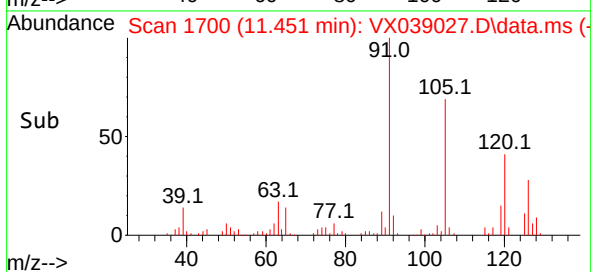
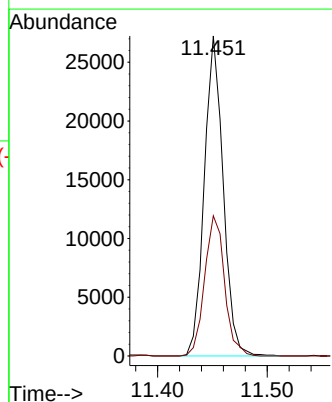
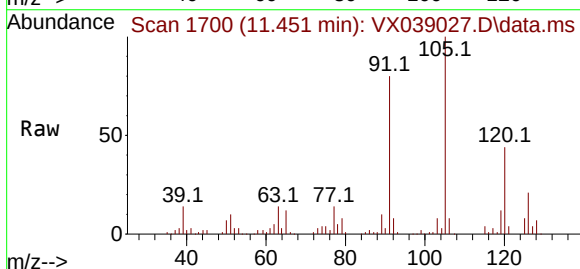
Manual Integrations
APPROVED

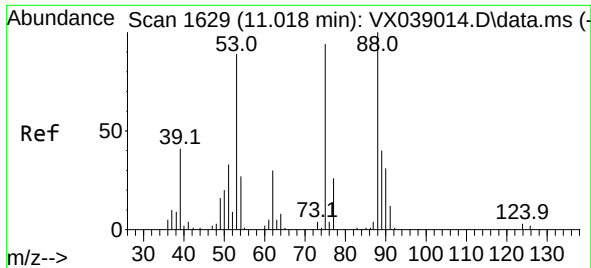
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#76
1,3,5-Trimethylbenzene
Concen: 5.083 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX039027.D
Acq: 24 Nov 2023 16:18

Tgt Ion:105 Resp: 32567
Ion Ratio Lower Upper
105 100
120 46.3 0.0 92.6





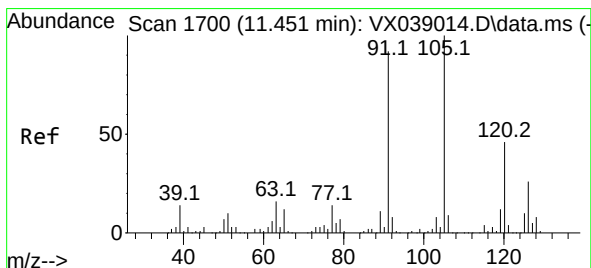
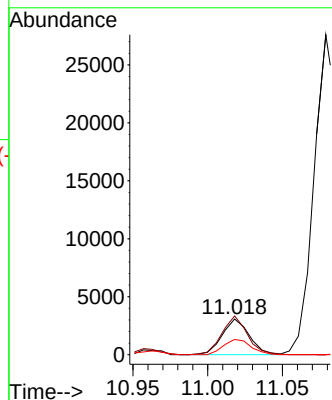
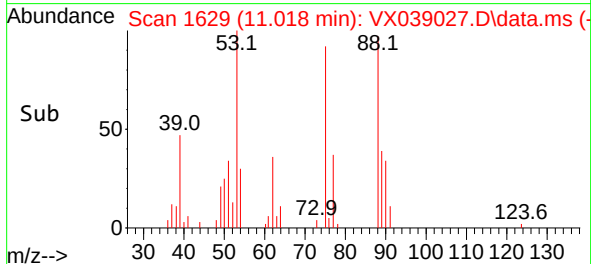
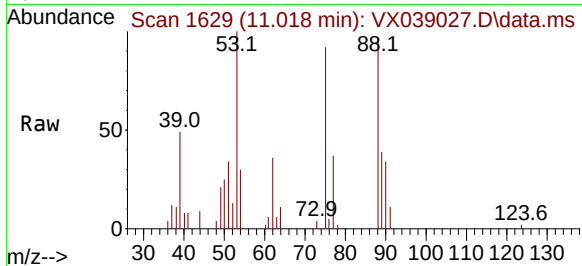
#77
t-1,4-Dichloro-2-butene
Concen: 4.148 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX039027.D
Acq: 24 Nov 2023 16:18

Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT4-2023

Tgt Ion: 75 Resp: 386
Ion Ratio Lower Upper
75 100
53 108.6 46.9 140.8
89 42.7 21.3 63.7

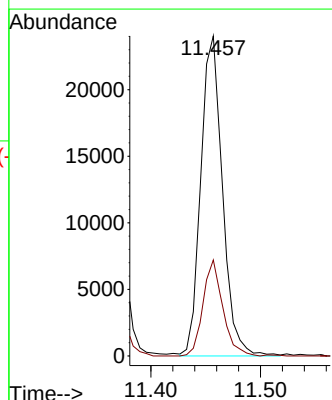
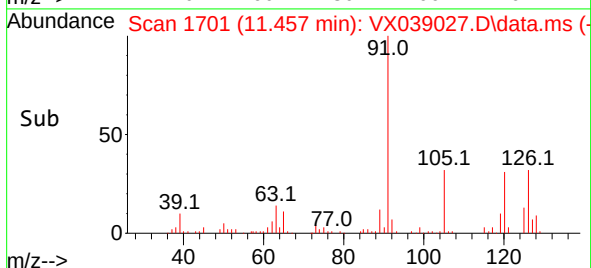
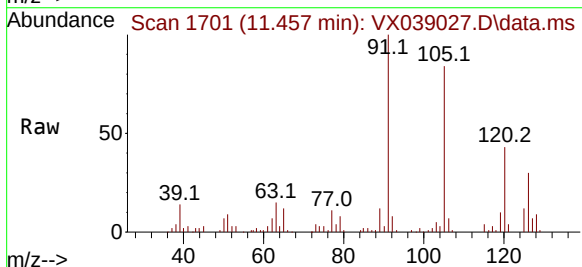
Manual Integrations
APPROVED

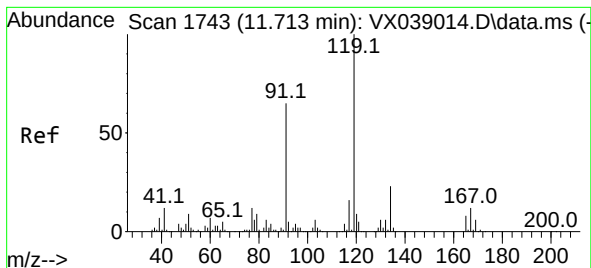
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#78
4-Chlorotoluene
Concen: 5.258 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX039027.D
Acq: 24 Nov 2023 16:18

Tgt Ion: 91 Resp: 33048
Ion Ratio Lower Upper
91 100
126 27.3 0.0 57.4





#79

tert-butylbenzene

Concen: 4.962 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX039027.D

Acq: 24 Nov 2023 16:18

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2023

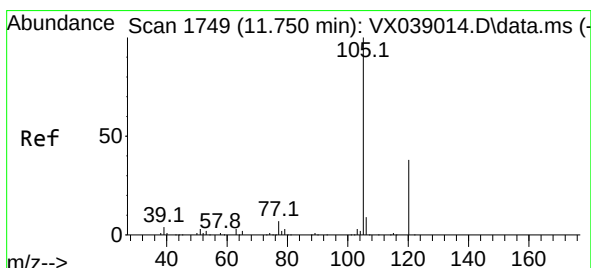
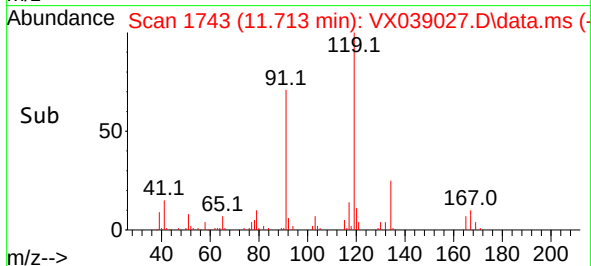
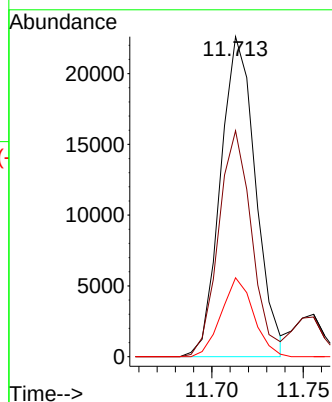
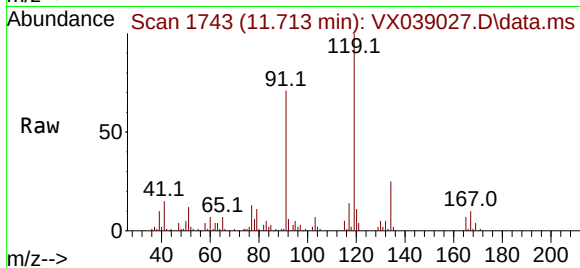
Tgt Ion:	119	Resp:	30220
Ion Ratio	Lower	Upper	
119	100		
91	66.9	0.0	125.6
134	22.7	0.0	43.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#80

1,2,4-Trimethylbenzene

Concen: 5.063 ug/l

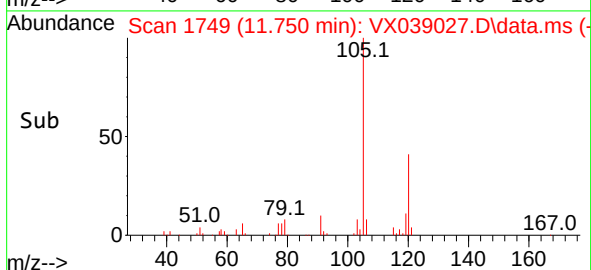
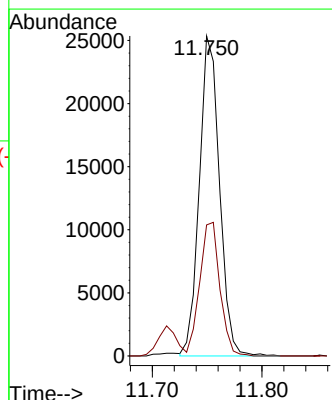
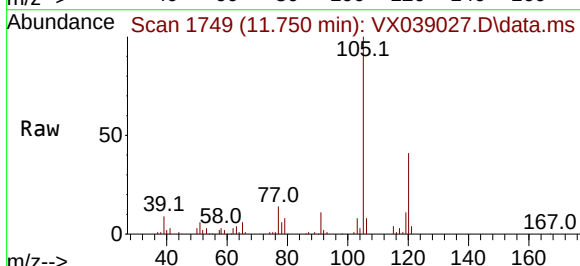
RT: 11.750 min Scan# 1749

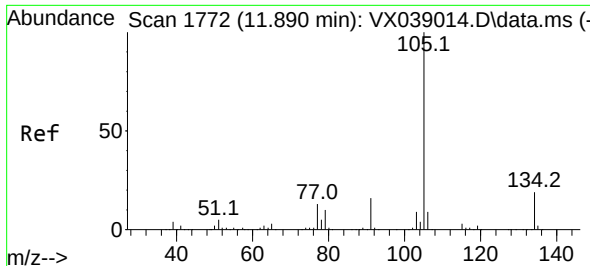
Delta R.T. -0.000 min

Lab File: VX039027.D

Acq: 24 Nov 2023 16:18

Tgt Ion:	105	Resp:	32463
Ion Ratio	Lower	Upper	
105	100		
120	41.7	0.0	86.4





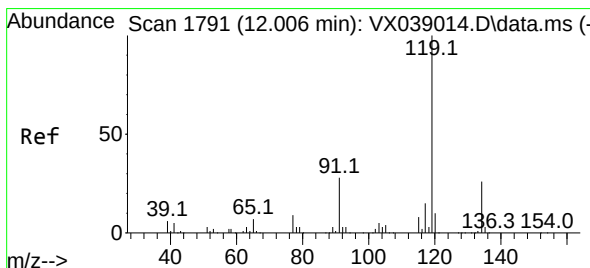
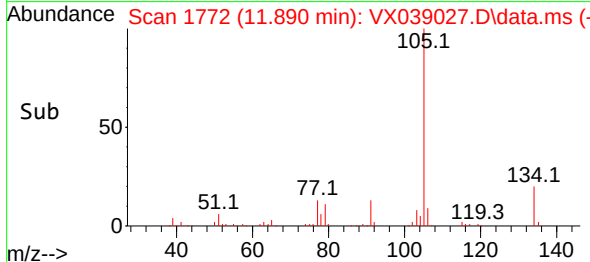
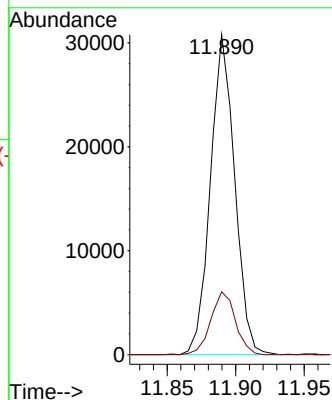
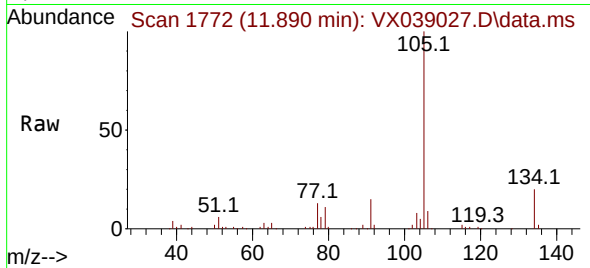
#81
 sec-Butylbenzene
 Concen: 4.924 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX039027.D
 Acq: 24 Nov 2023 16:18

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT4-2023

Tgt Ion:105 Resp: 3792
 Ion Ratio Lower Upper
 105 100
 134 19.9 0.0 38.4

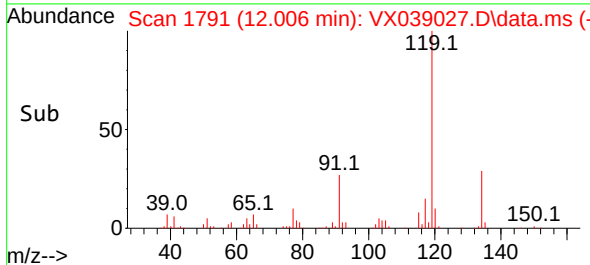
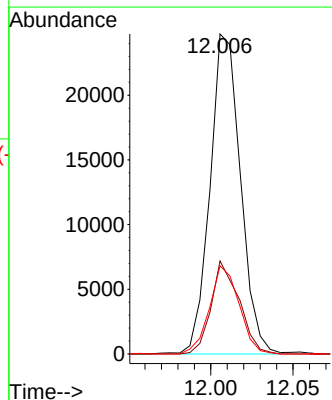
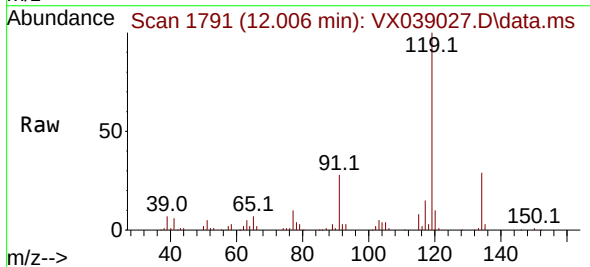
Manual Integrations
 APPROVED

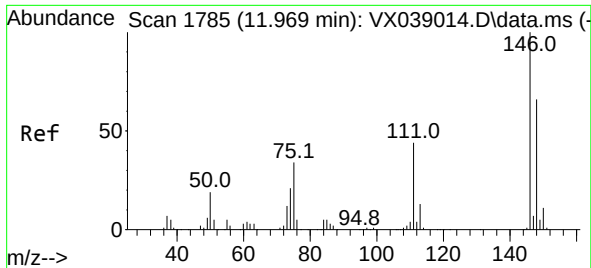
Reviewed By :John Carlone 11/27/2023
 Supervised By :Mahesh Dadoda 11/27/2023



#82
 p-Isopropyltoluene
 Concen: 4.873 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX039027.D
 Acq: 24 Nov 2023 16:18

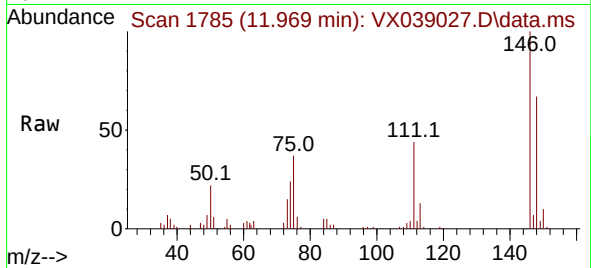
Tgt Ion:119 Resp: 31808
 Ion Ratio Lower Upper
 119 100
 134 26.7 0.0 52.6
 91 26.8 0.0 54.2





#83
1,3-Dichlorobenzene
Concen: 4.939 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX039027.D
Acq: 24 Nov 2023 16:18

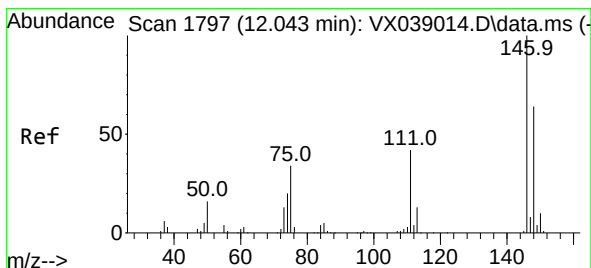
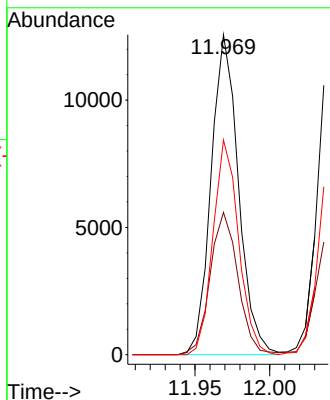
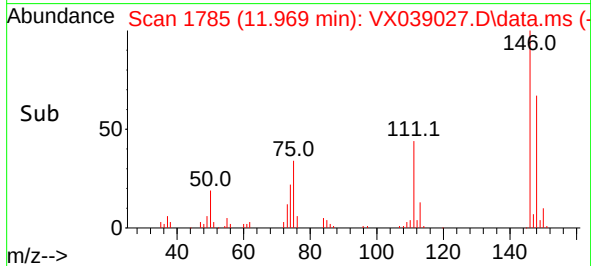
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT4-2023



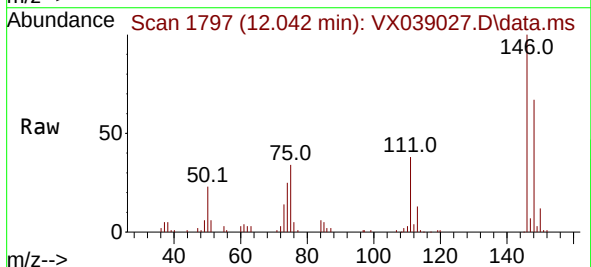
Tgt Ion:146 Resp: 1600
Ion Ratio Lower Upper
146 100
111 45.5 22.3 66.9
148 62.8 32.8 98.3

Manual Integrations
APPROVED

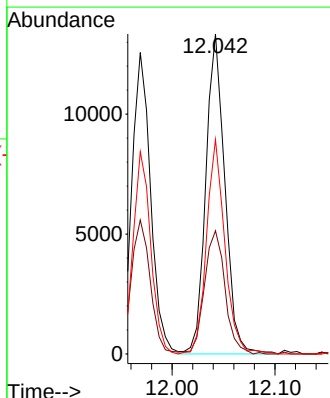
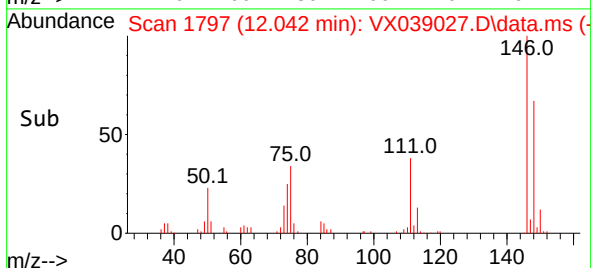
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023

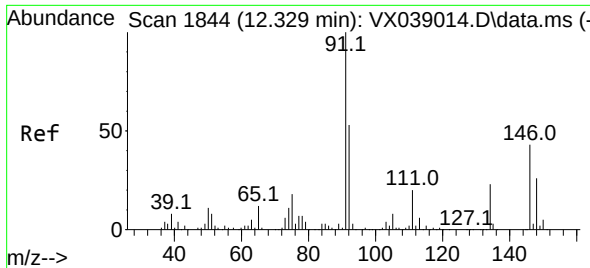


#84
1,4-Dichlorobenzene
Concen: 5.171 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX039027.D
Acq: 24 Nov 2023 16:18



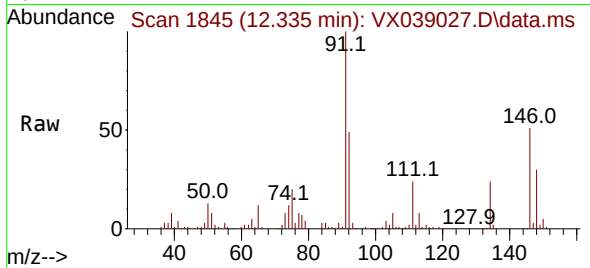
Tgt Ion:146 Resp: 17193
Ion Ratio Lower Upper
146 100
111 41.4 21.4 64.2
148 64.0 31.8 95.4





#85
n-Butylbenzene
Concen: 4.798 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX039027.D
Acq: 24 Nov 2023 16:18

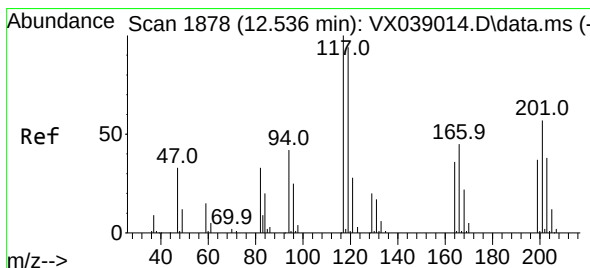
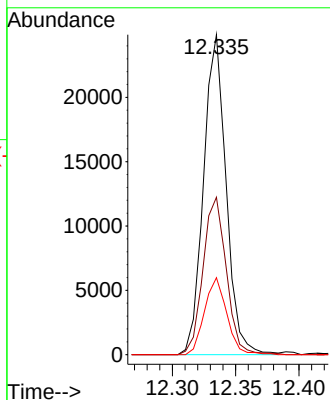
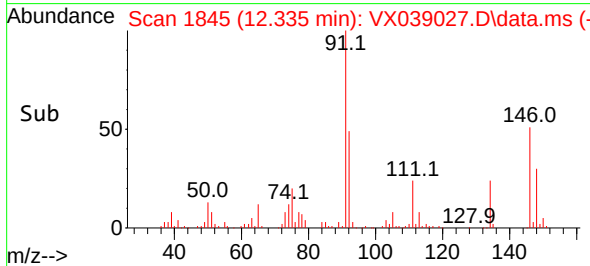
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2023



Tgt Ion: 91 Resp: 30929
Ion Ratio Lower Upper
91 100
92 50.8 0.0 106.2
134 23.8 0.0 48.8

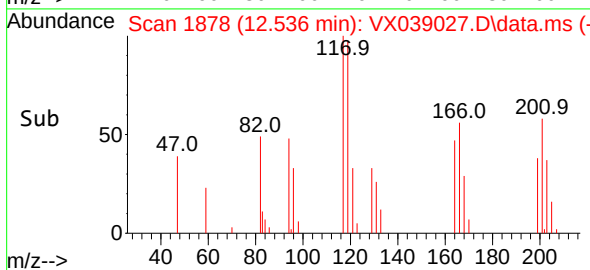
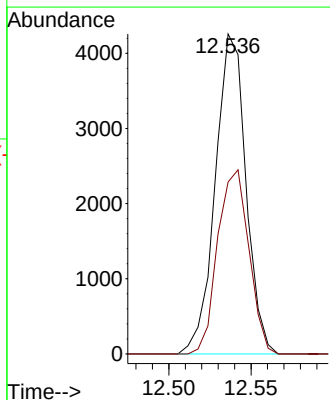
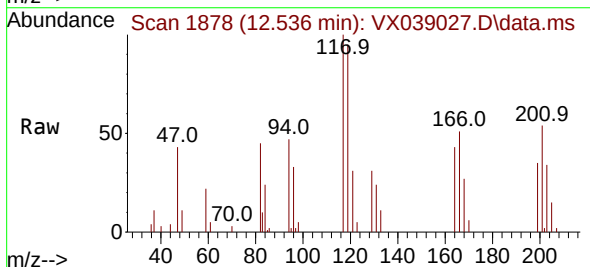
Manual Integrations
APPROVED

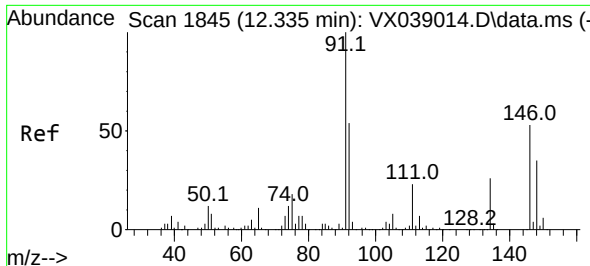
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#86
Hexachloroethane
Concen: 4.463 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX039027.D
Acq: 24 Nov 2023 16:18

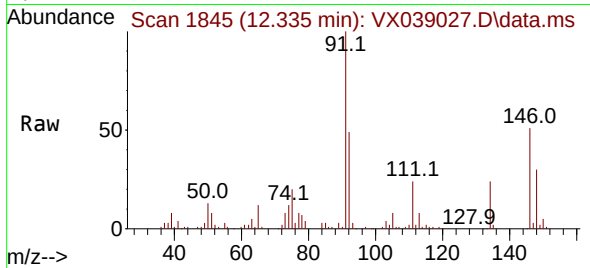
Tgt Ion:117 Resp: 5520
Ion Ratio Lower Upper
117 100
201 58.7 31.8 95.3





#87
1,2-Dichlorobenzene
Concen: 5.177 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX039027.D
Acq: 24 Nov 2023 16:18

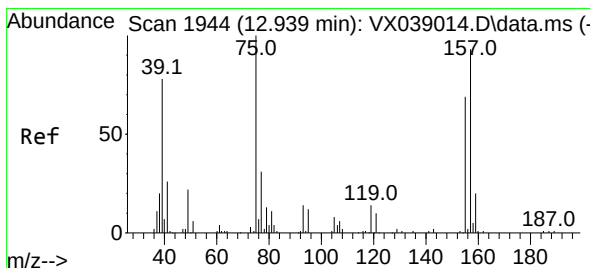
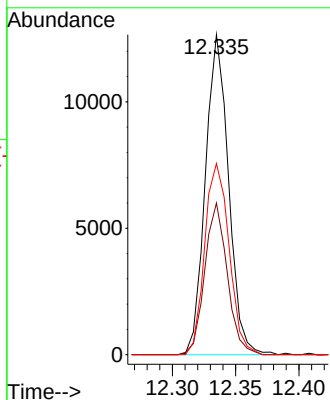
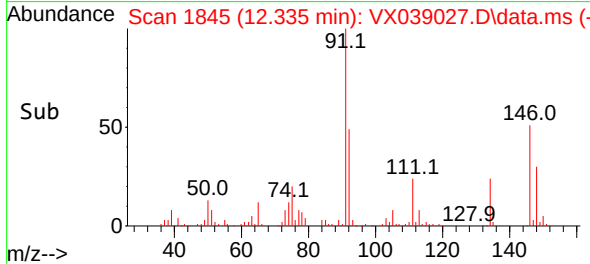
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT4-2023



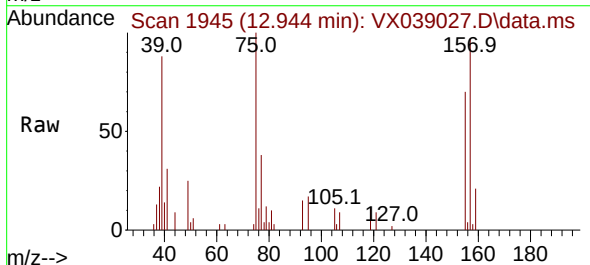
Tgt Ion:146 Resp: 16130
Ion Ratio Lower Upper
146 100
111 46.1 22.4 67.2
148 62.9 31.9 95.7

Manual Integrations
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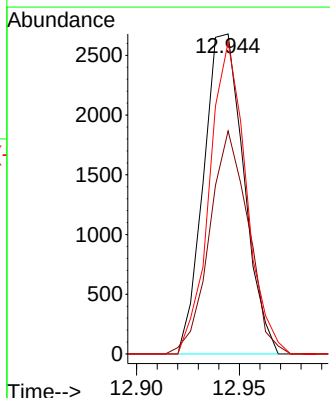
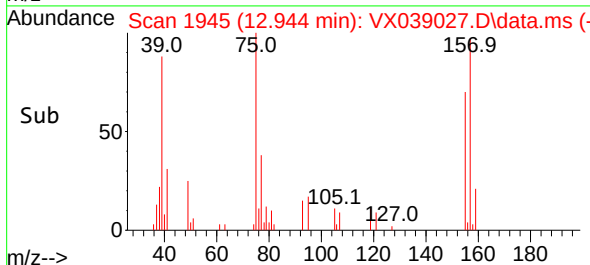
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023

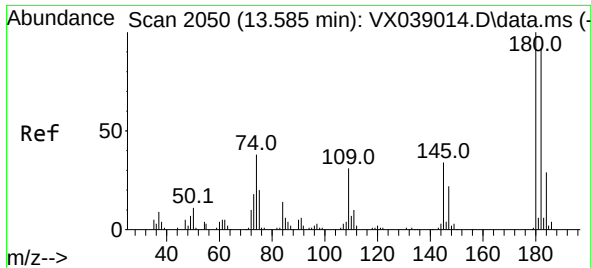


#88
1,2-Dibromo-3-Chloropropane
Concen: 5.134 ug/l
RT: 12.944 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX039027.D
Acq: 24 Nov 2023 16:18



Tgt Ion: 75 Resp: 3645
Ion Ratio Lower Upper
75 100
155 67.4 58.2 87.4
157 89.1 76.5 114.7





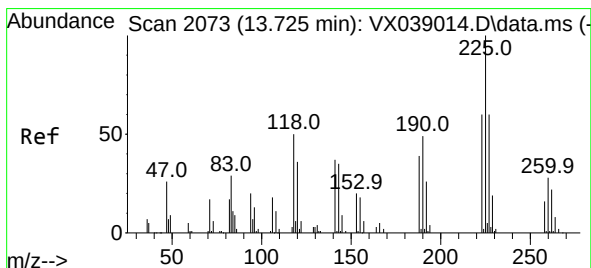
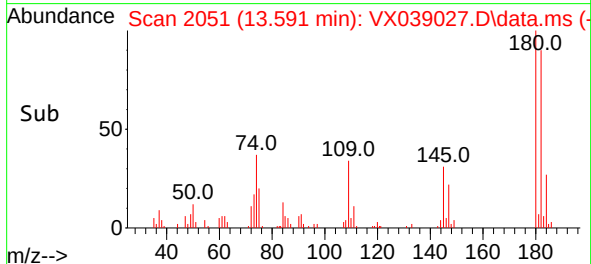
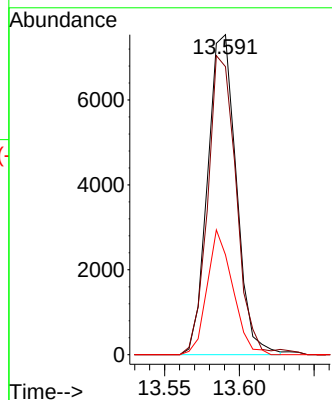
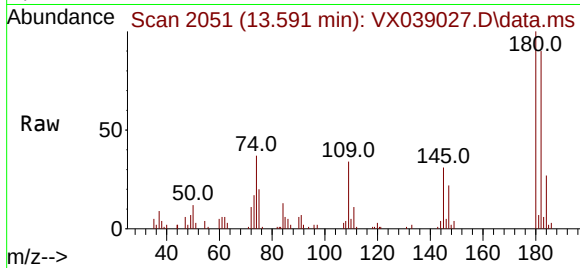
#89
1,2,4-Trichlorobenzene
Concen: 4.873 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX039027.D
Acq: 24 Nov 2023 16:18

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2023

Tgt Ion:180 Resp: 1006
Ion Ratio Lower Upper
180 100
182 92.1 74.5 111.7
145 34.7 26.6 40.0

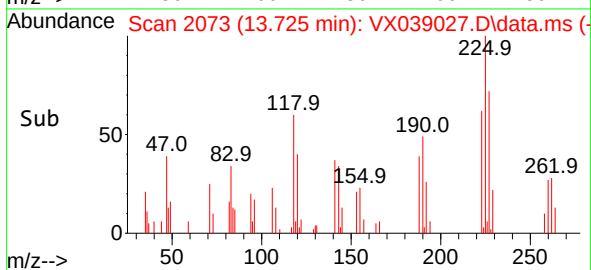
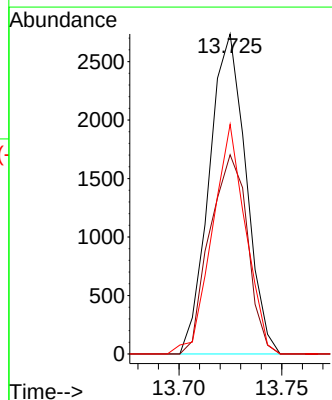
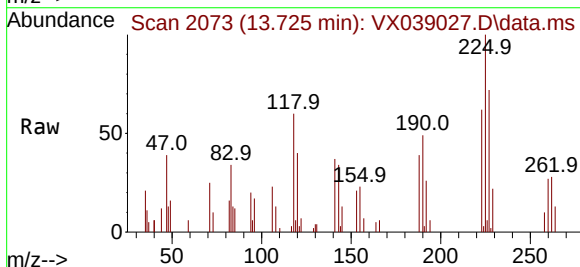
Manual Integrations
APPROVED

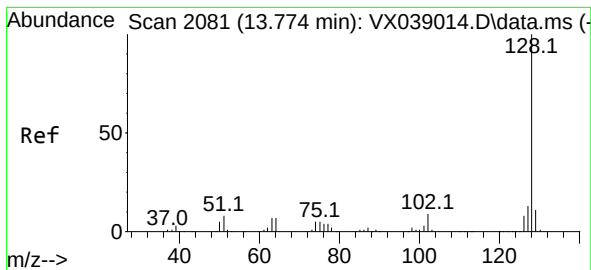
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#90
Hexachlorobutadiene
Concen: 4.603 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX039027.D
Acq: 24 Nov 2023 16:18

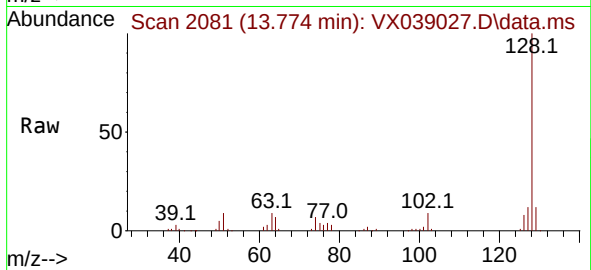
Tgt Ion:225 Resp: 3395
Ion Ratio Lower Upper
225 100
223 64.1 0.0 124.4
227 65.3 0.0 124.4





#91
Naphthalene
Concen: 4.921 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX039027.D
Acq: 24 Nov 2023 16:18

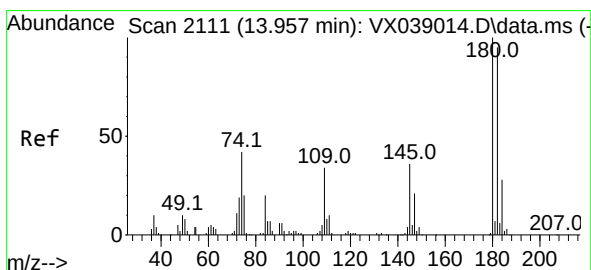
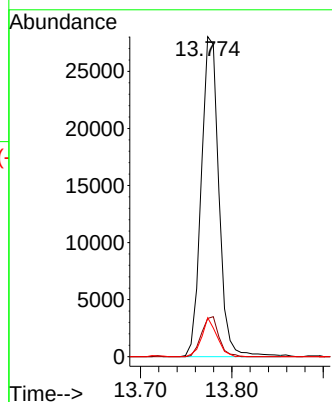
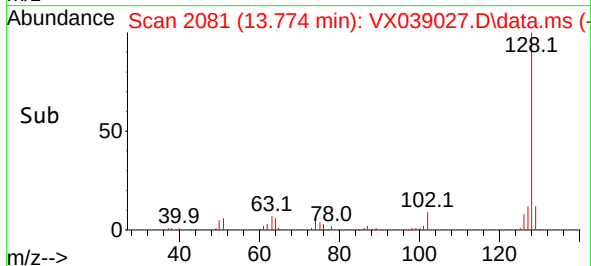
Instrument : MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2023



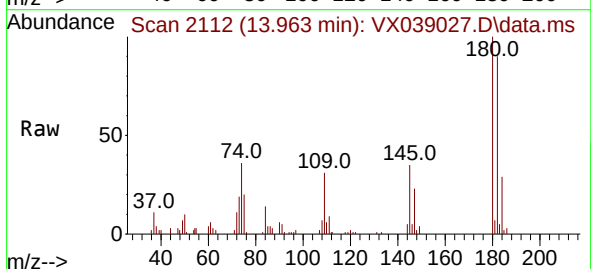
Tgt Ion:128 Resp: 3748
Ion Ratio Lower Upper
128 100
127 12.3 10.2 15.2
129 10.4 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#92
1,2,3-Trichlorobenzene
Concen: 5.001 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX039027.D
Acq: 24 Nov 2023 16:18



Tgt Ion:180 Resp: 10007
Ion Ratio Lower Upper
180 100
182 91.2 0.0 191.6
145 35.4 0.0 69.6

