

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051823\
 Data File : VX035747.D
 Acq On : 18 May 2023 17:09
 Operator : JC/MD
 Sample : 02213-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: May 19 06:27:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 19 06:25:15 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	191472	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	341287	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	295940	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	134648	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	178471	53.430	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.860%			
35) Dibromofluoromethane	5.385	113	116712	50.708	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.420%			
50) Toluene-d8	8.647	98	433602	50.995	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.000%			
62) 4-Bromofluorobenzene	11.079	95	171821	50.187	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.380%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	5877	2.355	ug/l	98
3) Chloromethane	1.294	50	6618	2.185	ug/l	93
4) Vinyl Chloride	1.374	62	6636	2.582	ug/l	99
5) Bromomethane	1.617	94	4245	3.050	ug/l	94
6) Chloroethane	1.691	64	4109	2.636	ug/l	92
7) Trichlorofluoromethane	1.886	101	9846	2.606	ug/l	94
8) Diethyl Ether	2.130	74	3728	2.562	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.331	101	5770	2.572	ug/l	95
10) Methyl Iodide	2.453	142	5041	2.512	ug/l	95
11) Tert butyl alcohol	3.014	59	7216m	12.245	ug/l	
12) 1,1-Dichloroethene	2.319	96	5044	2.366	ug/l	# 82
13) Acrolein	2.239	56	7019	10.035	ug/l	99
14) Allyl chloride	2.660	41	9730	2.130	ug/l	93
15) Acrylonitrile	3.068	53	16555	12.757	ug/l	97
16) Acetone	2.398	43	17883	12.456	ug/l	95
17) Carbon Disulfide	2.514	76	10028	1.949	ug/l	96
18) Methyl Acetate	2.709	43	12795	2.417	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	20234	2.385	ug/l	91
20) Methylene Chloride	2.788	84	7065	2.715	ug/l	91
21) trans-1,2-Dichloroethene	3.087	96	5658	2.422	ug/l	# 84
22) Diisopropyl ether	3.763	45	21640	2.419	ug/l	92
23) Vinyl Acetate	3.727	43	70598	11.156	ug/l	96
24) 1,1-Dichloroethane	3.611	63	11148	2.331	ug/l	98
25) 2-Butanone	4.574	43	25542	12.852	ug/l	98
26) 2,2-Dichloropropane	4.477	77	8724	2.154	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	6998	2.491	ug/l	99
28) Bromochloromethane	4.904	49	5550	2.580	ug/l	# 92
29) Tetrahydrofuran	5.032	42	15662	12.538	ug/l	99
30) Chloroform	5.092	83	11642	2.375	ug/l	100
31) Cyclohexane	5.477	56	10113	2.396	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	10018	2.349	ug/l	99
36) 1,1-Dichloropropene	5.690	75	8548	2.353	ug/l	97
37) Ethyl Acetate	4.721	43	9480	2.502	ug/l	98
38) Carbon Tetrachloride	5.678	117	7300	2.121	ug/l	90
39) Methylcyclohexane	7.379	83	10196	2.384	ug/l	95
40) Benzene	6.044	78	25118	2.471	ug/l	96

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 Quant Title : SW846 8260
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Manual Integrations
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Reviewed By : John Carlone 05/19/2023
 Supervised By : Mahesh Dadoda 05/19/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	5343	2.375	ug/l	93
42) 1,2-Dichloroethane	6.086	62	11334	2.592	ug/l	98
43) Isopropyl Acetate	6.336	43	15084	2.283	ug/l	100
44) Trichloroethene	7.129	130	6396	2.482	ug/l	91
45) 1,2-Dichloropropane	7.434	63	6615	2.458	ug/l #	88
46) Dibromomethane	7.580	93	4195	2.277	ug/l	92
47) Bromodichloromethane	7.824	83	7164	2.012	ug/l #	85
48) Methyl methacrylate	7.696	41	7556	2.317	ug/l	96
49) 1,4-Dioxane	7.732	88	3146m	44.898	ug/l	
51) 4-Methyl-2-Pentanone	8.574	43	47211	12.402	ug/l	97
52) Toluene	8.720	92	15964	2.488	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	6969	1.801	ug/l	91
54) cis-1,3-Dichloropropene	8.366	75	8184	1.974	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	5790	2.298	ug/l	97
56) Ethyl methacrylate	9.116	69	8553	2.096	ug/l	90
57) 1,3-Dichloropropane	9.311	76	10675	2.337	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.244	63	21102	10.165	ug/l	99
59) 2-Hexanone	9.433	43	33665	11.743	ug/l	100
60) Dibromochloromethane	9.519	129	4282	1.783	ug/l	98
61) 1,2-Dibromoethane	9.610	107	5971	2.249	ug/l	95
64) Tetrachloroethene	9.275	164	5159	2.589	ug/l	95
65) Chlorobenzene	10.079	112	15676	2.427	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	4393	1.923	ug/l	92
67) Ethyl Benzene	10.195	91	29251	2.408	ug/l	97
68) m/p-Xylenes	10.305	106	20719	4.614	ug/l	90
69) o-Xylene	10.640	106	10301	2.312	ug/l	92
70) Styrene	10.652	104	16171	2.252	ug/l	97
71) Bromoform	10.799	173	2528	1.682	ug/l #	97
73) Isopropylbenzene	10.963	105	27768	2.447	ug/l	98
74) N-amyl acetate	10.841	43	11696	2.211	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	8857	2.406	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	7720m	2.344	ug/l	
77) Bromobenzene	11.195	156	6327	2.457	ug/l	90
78) n-propylbenzene	11.305	91	32025	2.401	ug/l	96
79) 2-Chlorotoluene	11.366	91	20766	2.487	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	23088	2.394	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	1385m	1.355	ug/l	
82) 4-Chlorotoluene	11.457	91	22979	2.389	ug/l	99
83) tert-Butylbenzene	11.713	119	21551	2.299	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	22199	2.293	ug/l	96
85) sec-Butylbenzene	11.890	105	27564	2.342	ug/l	95
86) p-Isopropyltoluene	12.006	119	21645	2.237	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	11591	2.369	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	11813m	2.391	ug/l	
89) n-Butylbenzene	12.329	91	18700	2.125	ug/l	98
90) Hexachloroethane	12.536	117	2460	1.677	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	11005	2.297	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	12.939	75	1563	1.907	ug/l	84
93) 1,2,4-Trichlorobenzene	13.585	180	6661	2.309	ug/l	98
94) Hexachlorobutadiene	13.725	225	2626	2.294	ug/l	96
95) Naphthalene	13.774	128	22008	2.228	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	6247	2.202	ug/l	98

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Quant Title : SW846 8260
QLast Update : Fri May 19 06:25:15 2023
Response via : Initial Calibration

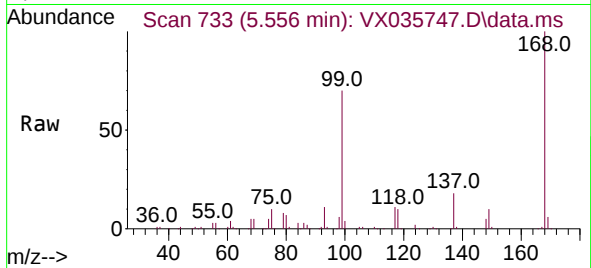
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX035747.D
Acq: 18 May 2023 17:09

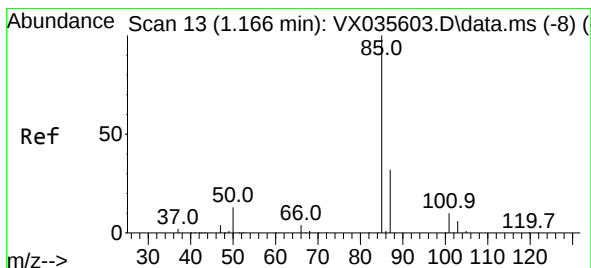
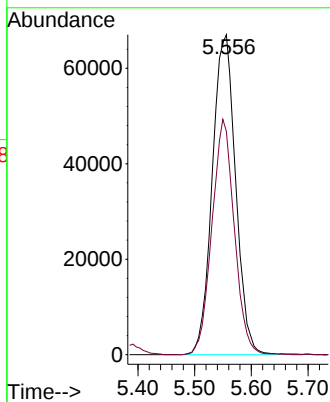
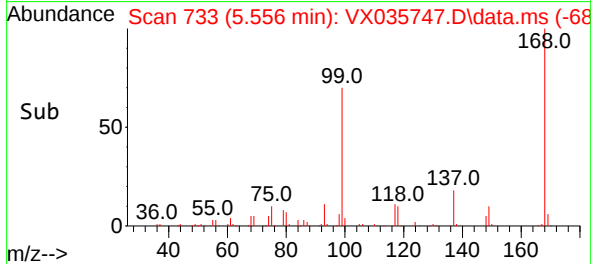
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2023



Tgt Ion:168 Resp: 191472
Ion Ratio Lower Upper
168 100
99 69.8 45.7 68.5

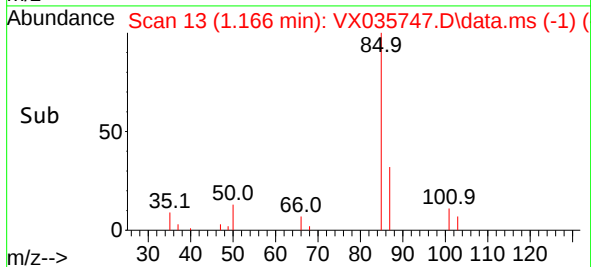
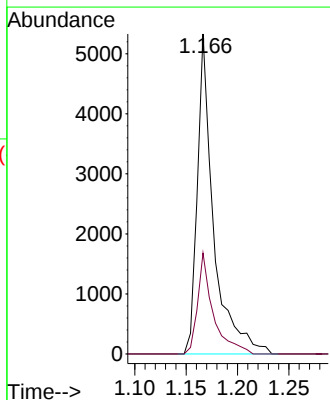
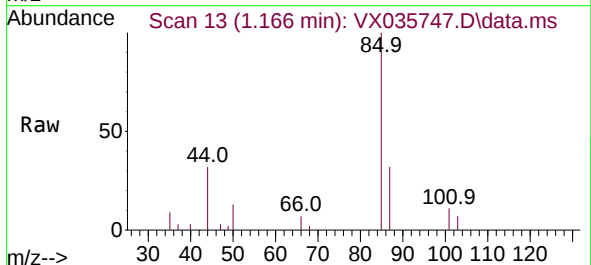
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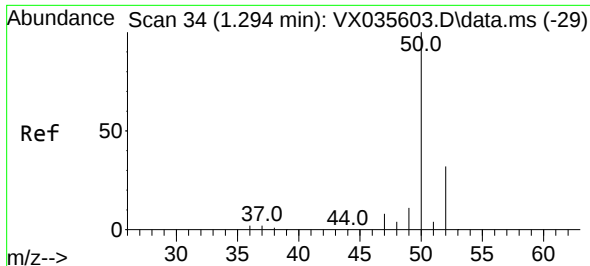
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#2
Dichlorodifluoromethane
Concen: 2.355 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX035747.D
Acq: 18 May 2023 17:09

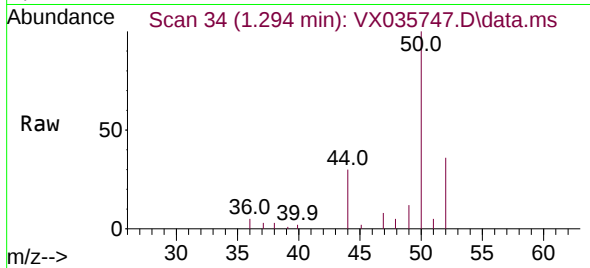
Tgt Ion: 85 Resp: 5877
Ion Ratio Lower Upper
85 100
87 31.6 16.4 49.1





#3
Chloromethane
Concen: 2.185 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX035747.D
Acq: 18 May 2023 17:09

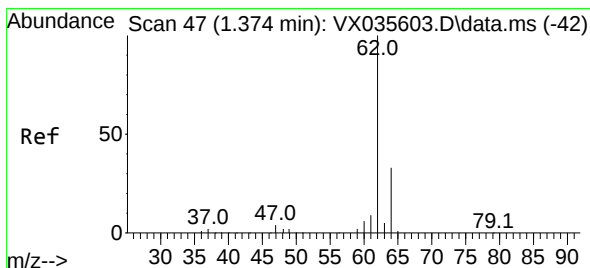
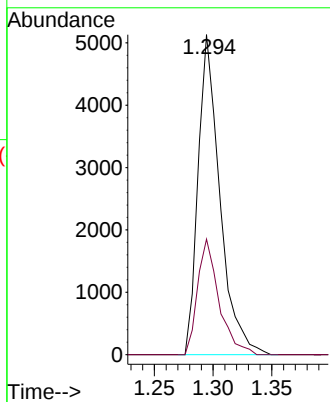
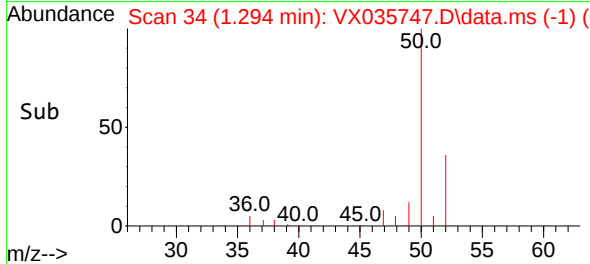
Instrument :
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Tgt Ion: 50 Resp: 6618
Ion Ratio Lower Upper
50 100
52 36.1 25.9 38.9

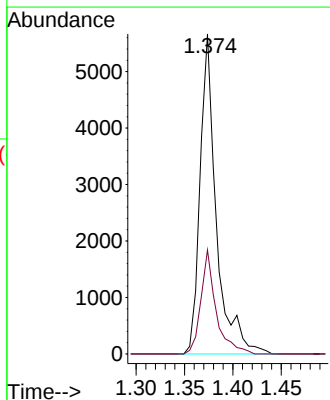
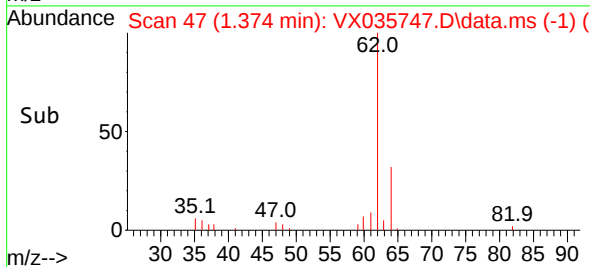
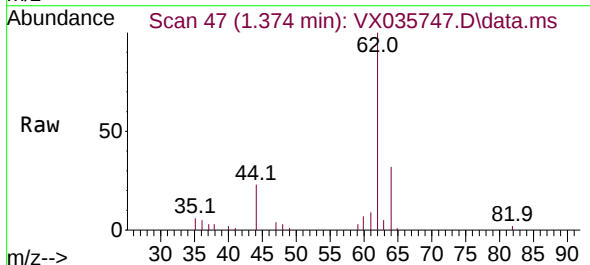
Manual Integrations
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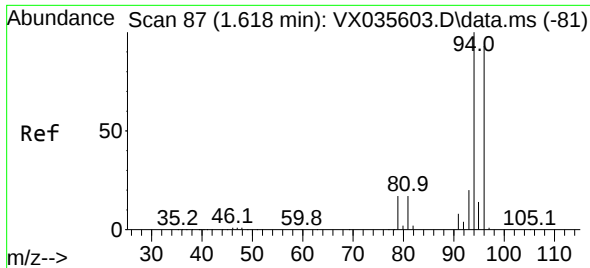
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#4
Vinyl Chloride
Concen: 2.582 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX035747.D
Acq: 18 May 2023 17:09

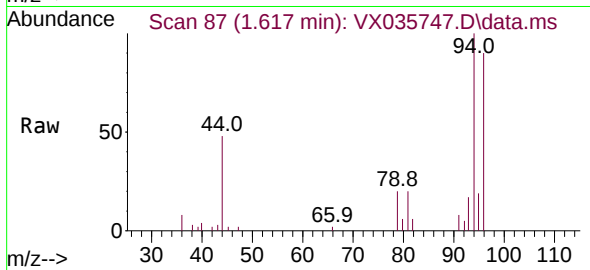
Tgt Ion: 62 Resp: 6636
Ion Ratio Lower Upper
62 100
64 32.5 26.4 39.6





#5
Bromomethane
Concen: 3.050 ug/l
RT: 1.617 min Scan# 81
Delta R.T. -0.001 min
Lab File: VX035747.D
Acq: 18 May 2023 17:09

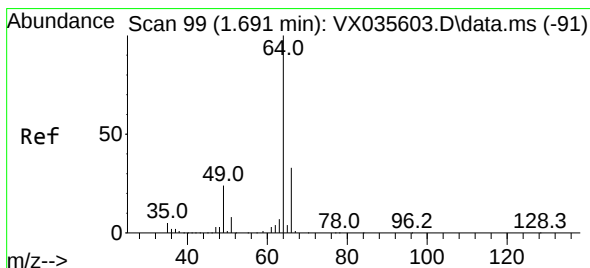
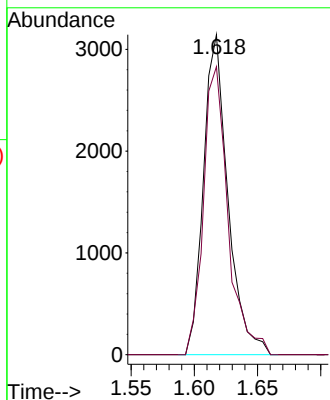
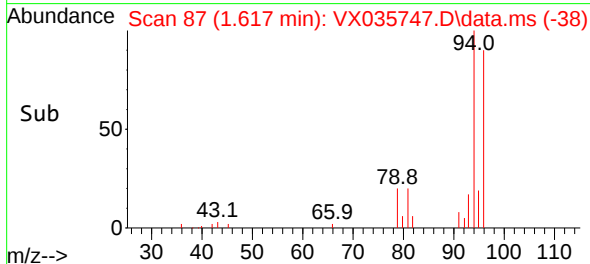
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2023



Tgt Ion: 94 Resp: 424
Ion Ratio Lower Upper
94 100
96 90.0 77.0 115.6

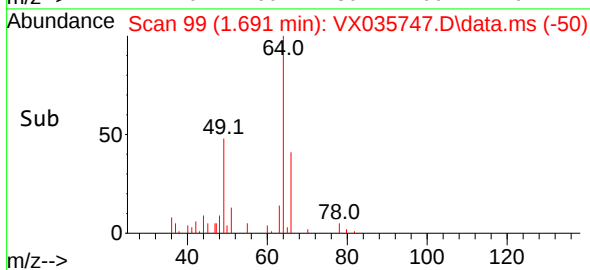
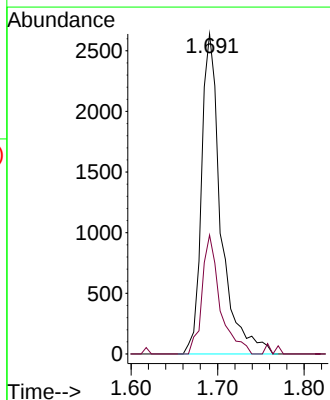
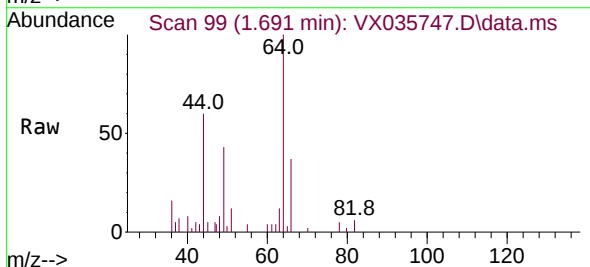
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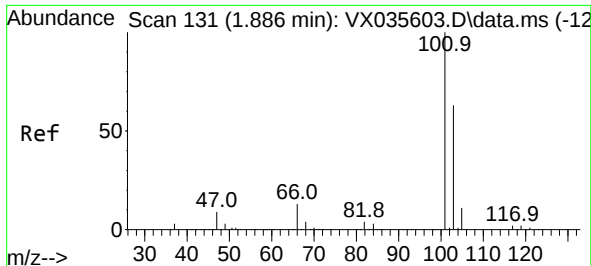
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#6
Chloroethane
Concen: 2.636 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX035747.D
Acq: 18 May 2023 17:09

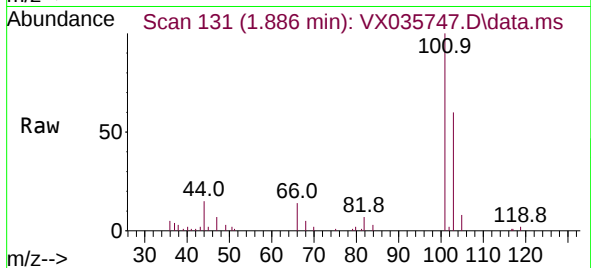
Tgt Ion: 64 Resp: 4109
Ion Ratio Lower Upper
64 100
66 37.2 26.2 39.4





#7
Trichlorofluoromethane
Concen: 2.606 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035747.D
Acq: 18 May 2023 17:09

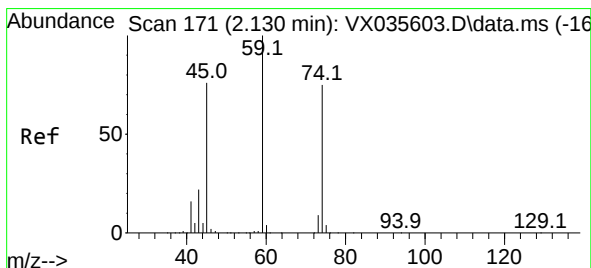
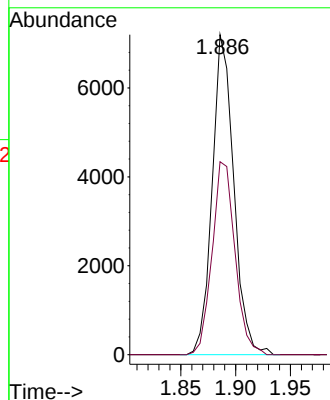
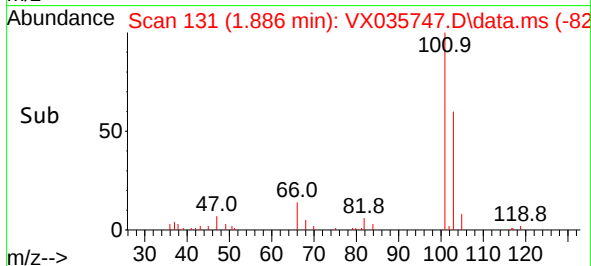
Instrument :
MSVOA_X
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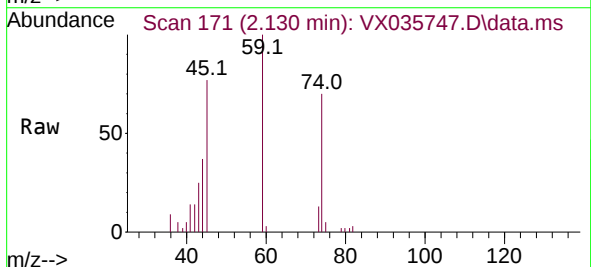
Tgt Ion:101 Resp: 9840
Ion Ratio Lower Upper
101 100
103 60.3 52.0 78.0

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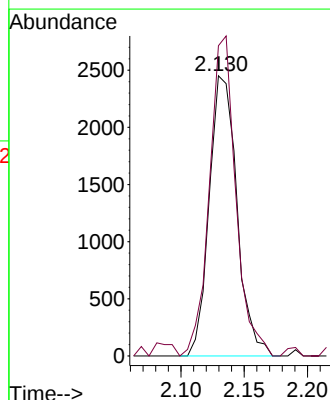
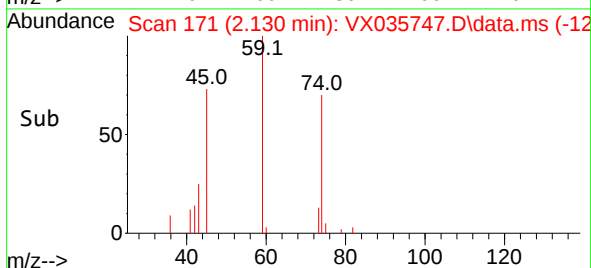
Reviewed By :John Carlone 05/19/2023
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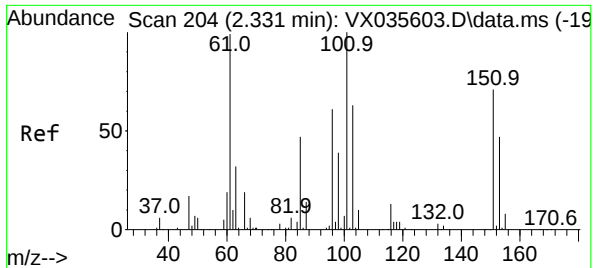


#8
Diethyl Ether
Concen: 2.562 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX035747.D
Acq: 18 May 2023 17:09



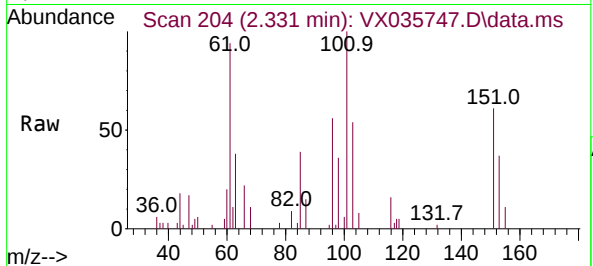
Tgt Ion: 74 Resp: 3728
Ion Ratio Lower Upper
74 100
45 108.8 49.8 149.3





#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.572 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX035747.D
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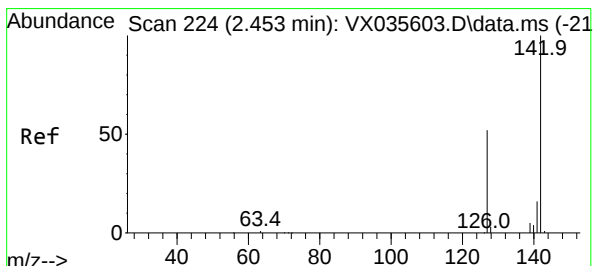
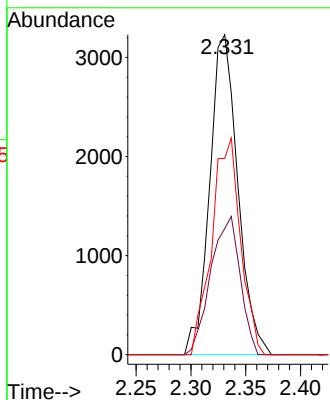
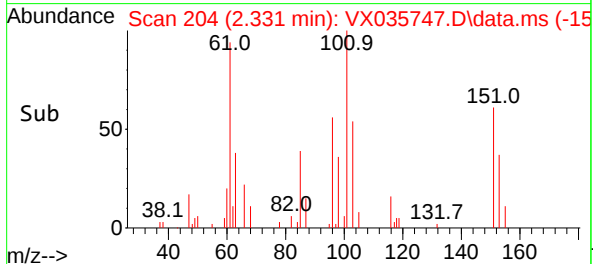
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2023



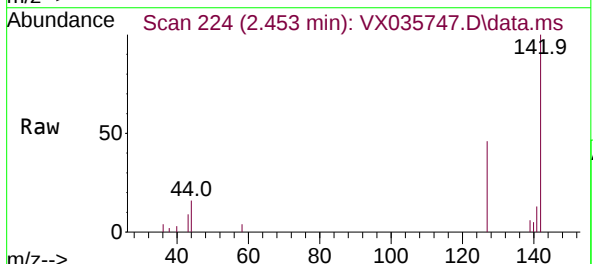
Tgt Ion:101 Resp: 5770
Ion Ratio Lower Upper
101 100
85 45.1 35.4 53.2
151 69.1 60.2 90.4

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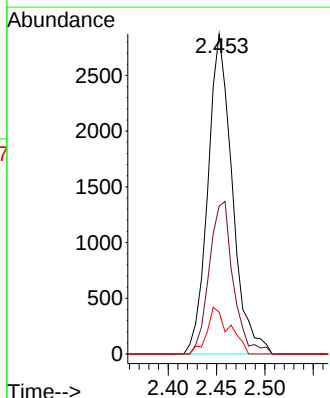
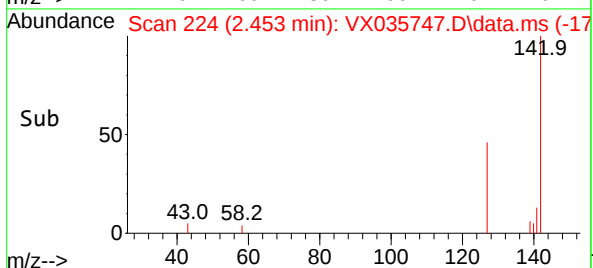
Reviewed By :John Carbone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023

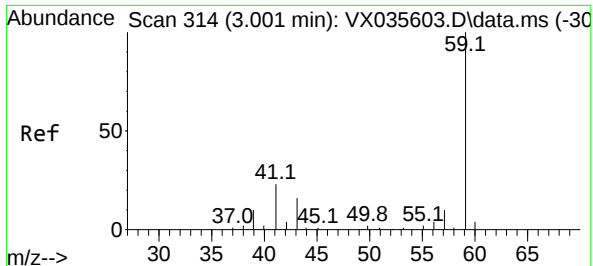


#10
Methyl Iodide
Concen: 2.512 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX035747.D
Acq: 18 May 2023 17:09



Tgt Ion:142 Resp: 5041
Ion Ratio Lower Upper
142 100
127 46.8 34.0 51.0
141 13.5 11.1 16.7





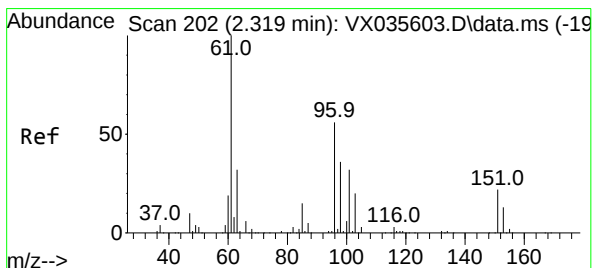
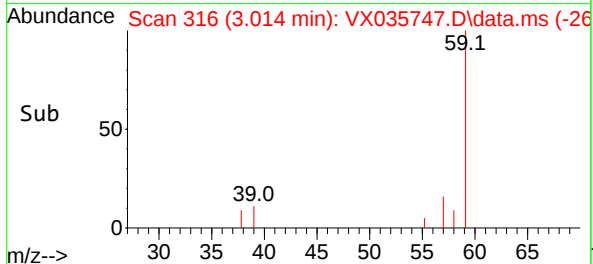
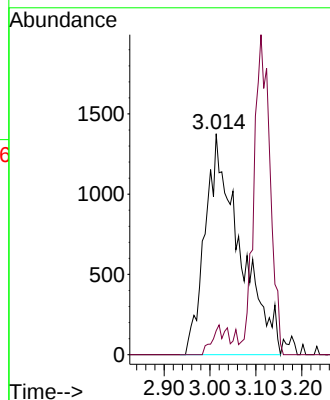
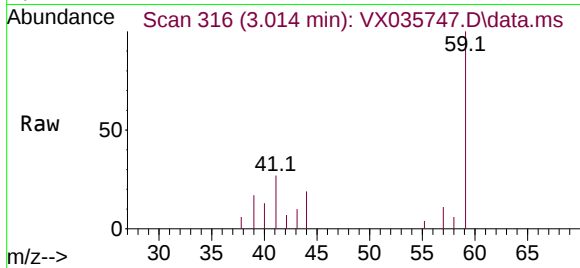
#11
Tert butyl alcohol
Concen: 12.245 ug/l m
RT: 3.014 min Scan# 314
Delta R.T. 0.013 min
Lab File: VX035747.D
Acq: 18 May 2023 17:09

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

Tgt Ion: 59 Resp: 7210
Ion Ratio Lower Upper
59 100
57 6.0 8.1 12.1

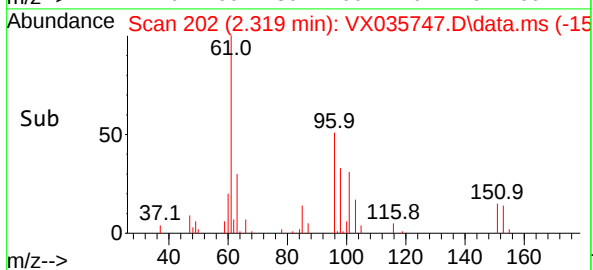
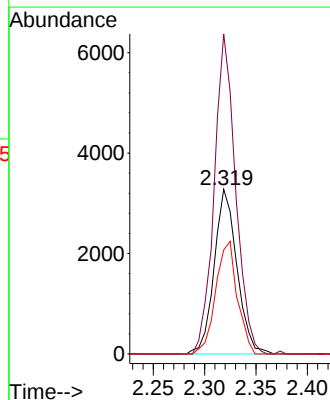
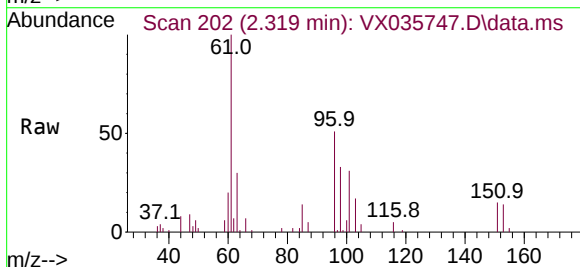
Manual Integrations
APPROVED

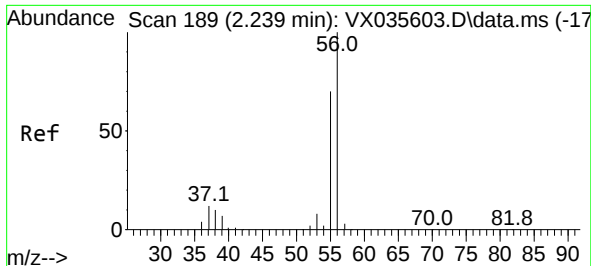
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#12
1,1-Dichloroethene
Concen: 2.366 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX035747.D
Acq: 18 May 2023 17:09

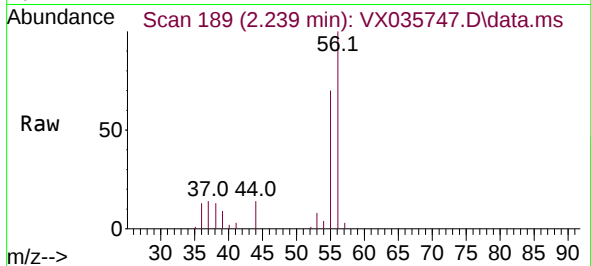
Tgt Ion: 96 Resp: 5044
Ion Ratio Lower Upper
96 100
61 194.4 128.8 193.2#
98 63.2 51.4 77.0





#13
Acrolein
Concen: 10.035 ug/l
RT: 2.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035747.D
Acq: 18 May 2023 17:09

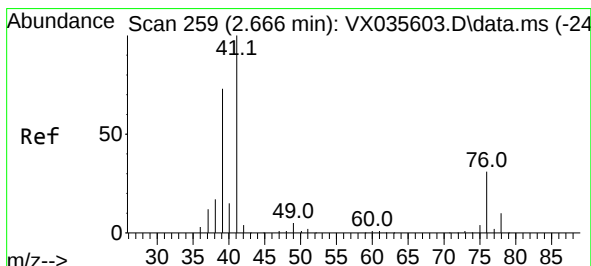
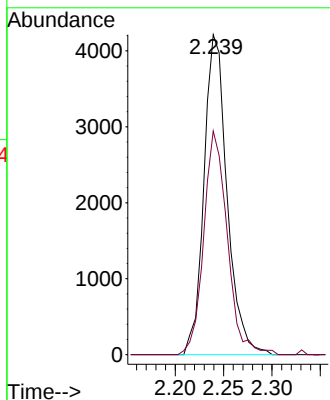
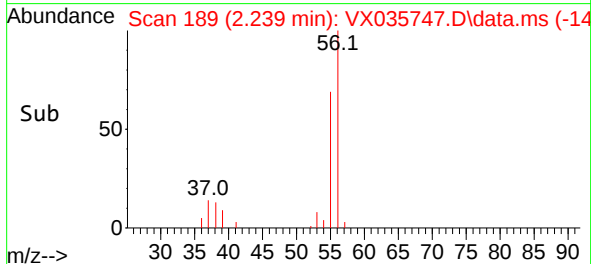
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2023



Tgt Ion: 56 Resp: 7019
Ion Ratio Lower Upper
56 100
55 71.3 56.6 85.0

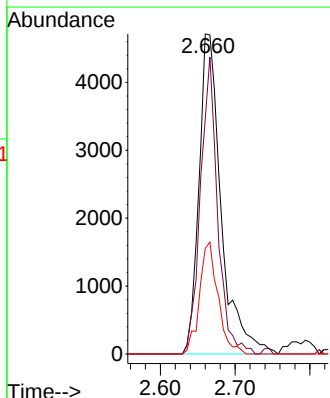
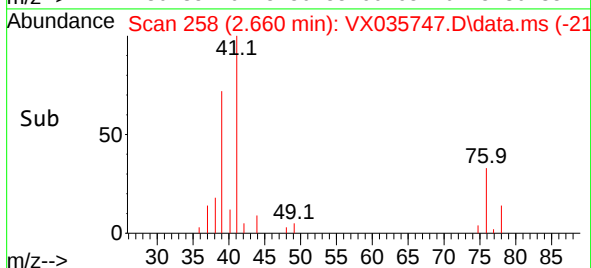
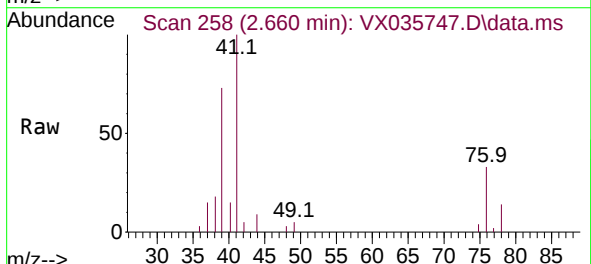
Manual Integrations
APPROVED

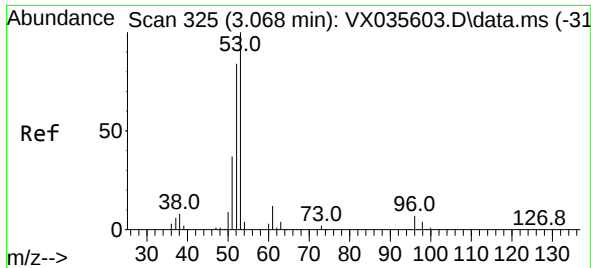
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#14
Allyl chloride
Concen: 2.130 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX035747.D
Acq: 18 May 2023 17:09

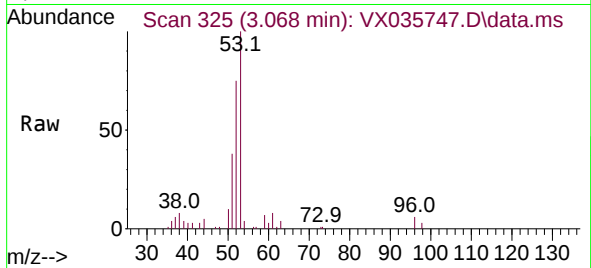
Tgt Ion: 41 Resp: 9730
Ion Ratio Lower Upper
41 100
39 71.7 52.4 78.6
76 29.0 26.0 39.0





#15
Acrylonitrile
Concen: 12.757 ug/l
RT: 3.068 min Scan# 315
Delta R.T. 0.000 min
Lab File: VX035747.D
Acq: 18 May 2023 17:09

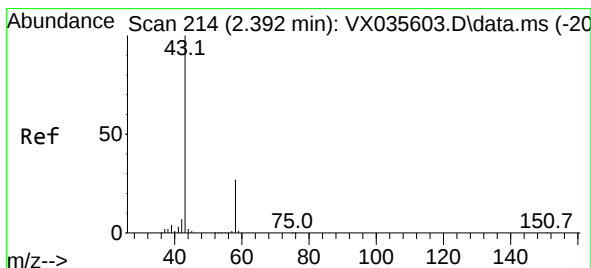
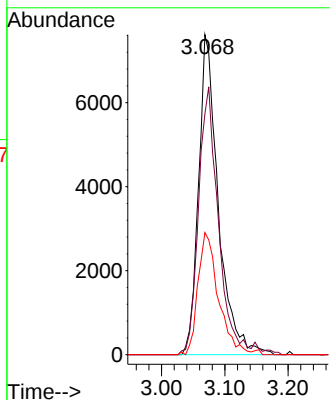
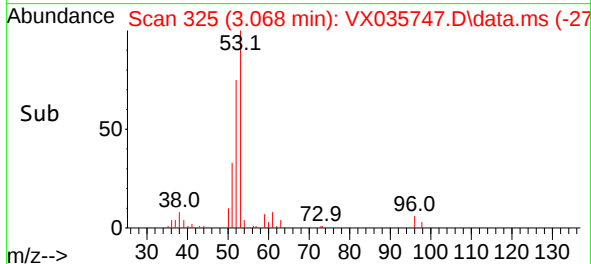
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2023



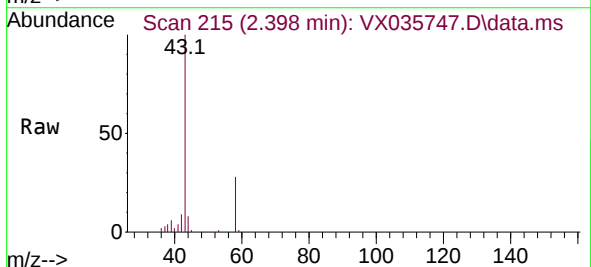
Tgt Ion: 53 Resp: 1655
Ion Ratio Lower Upper
53 100
52 83.5 66.2 99.2
51 39.5 28.3 42.5

Manual Integrations
APPROVED

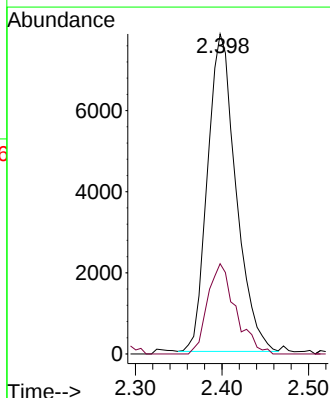
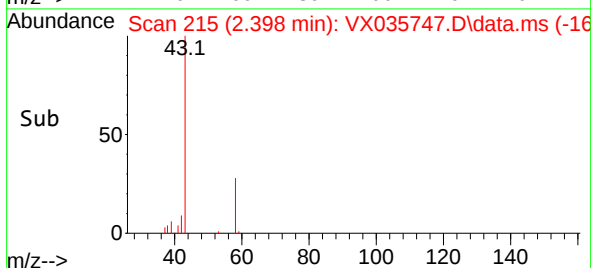
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023

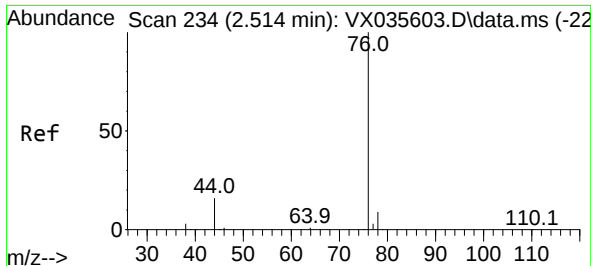


#16
Acetone
Concen: 12.456 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX035747.D
Acq: 18 May 2023 17:09



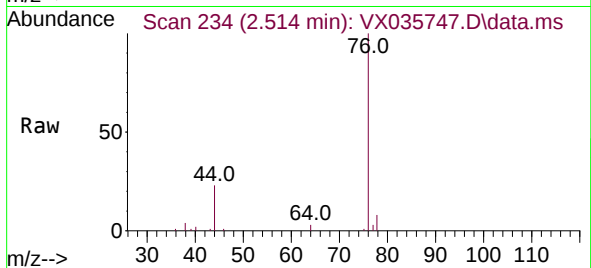
Tgt Ion: 43 Resp: 17883
Ion Ratio Lower Upper
43 100
58 28.4 24.7 37.1





#17
Carbon Disulfide
Concen: 1.949 ug/l
RT: 2.514 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX035747.D
Acq: 18 May 2023 17:09

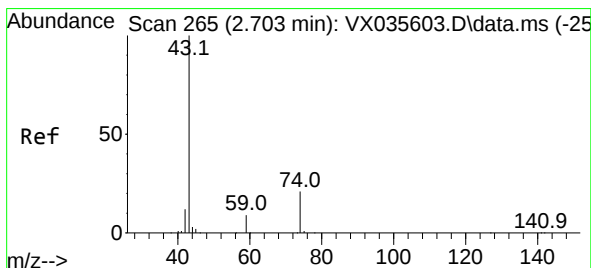
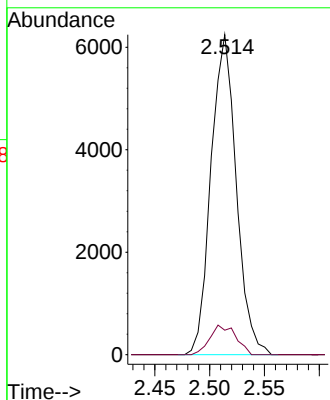
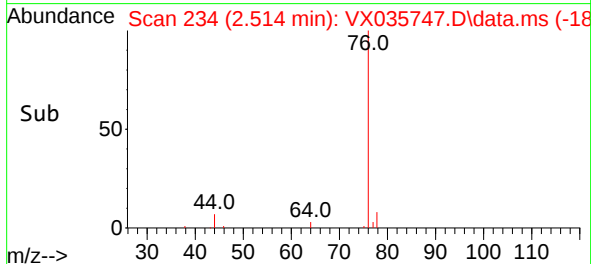
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2023



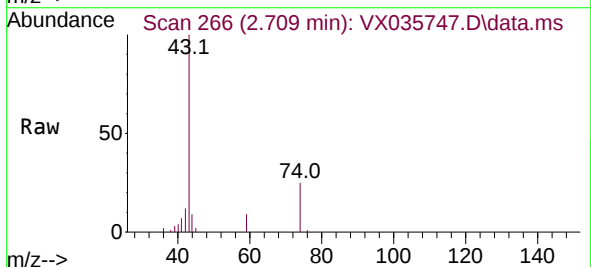
Tgt Ion: 76 Resp: 10028
Ion Ratio Lower Upper
76 100
78 7.7 7.2 10.8

Manual Integrations
APPROVED

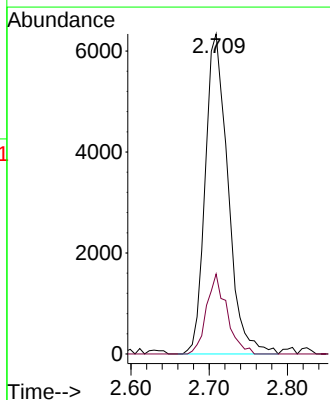
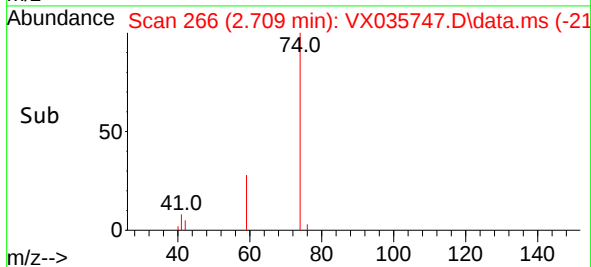
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023

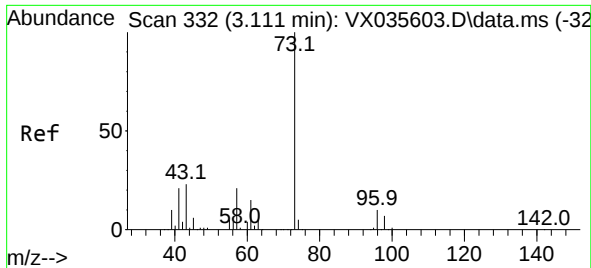


#18
Methyl Acetate
Concen: 2.417 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX035747.D
Acq: 18 May 2023 17:09



Tgt Ion: 43 Resp: 12795
Ion Ratio Lower Upper
43 100
74 22.4 18.3 27.5





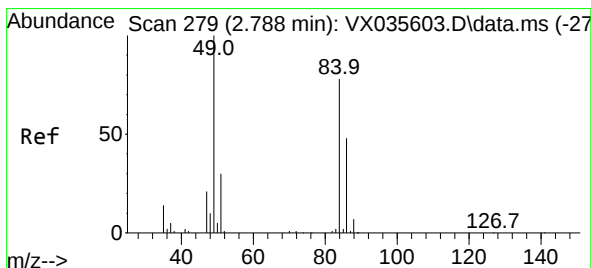
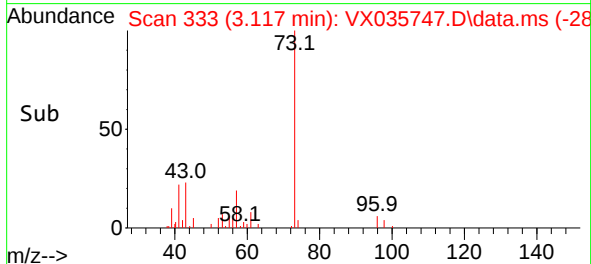
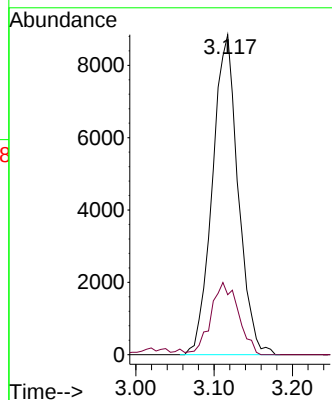
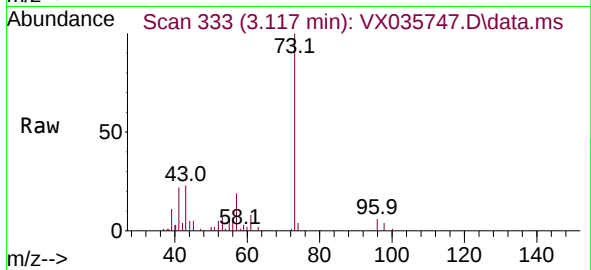
#19
Methyl tert-butyl Ether
Concen: 2.385 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX035747.D
Acq: 18 May 2023 17:09

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

Tgt Ion: 73 Resp: 20234
Ion Ratio Lower Upper
73 100
57 18.8 18.5 27.7

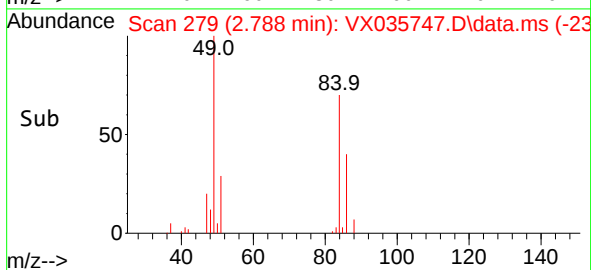
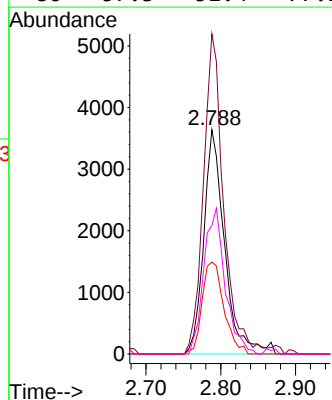
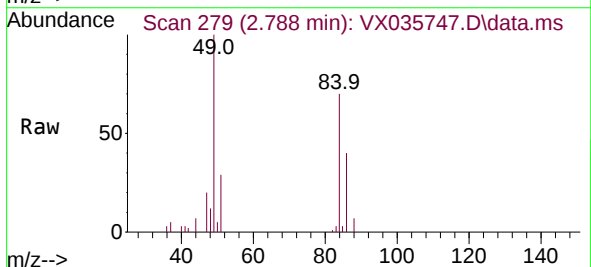
Manual Integrations
APPROVED

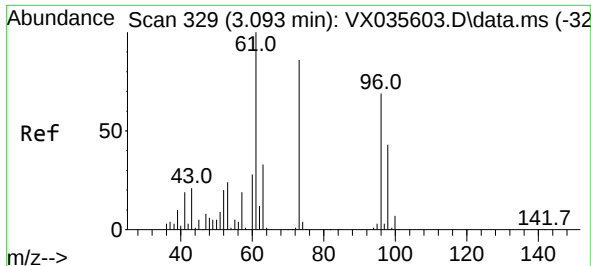
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#20
Methylene Chloride
Concen: 2.715 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX035747.D
Acq: 18 May 2023 17:09

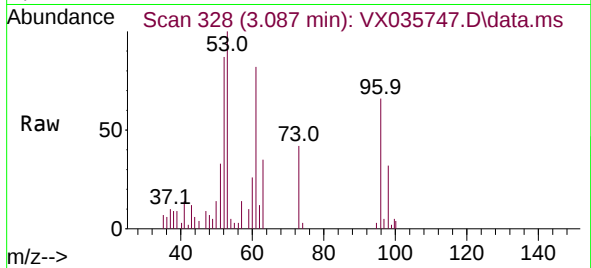
Tgt Ion: 84 Resp: 7065
Ion Ratio Lower Upper
84 100
49 142.7 103.8 155.8
51 41.0 31.8 47.8
86 57.3 51.4 77.2





#21
trans-1,2-Dichloroethene
Concen: 2.422 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX035747.D
Acq: 18 May 2023 17:09

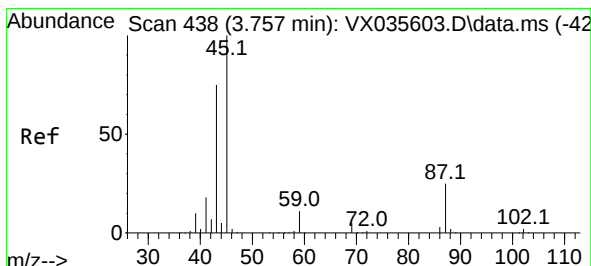
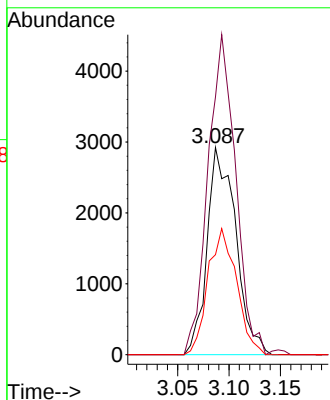
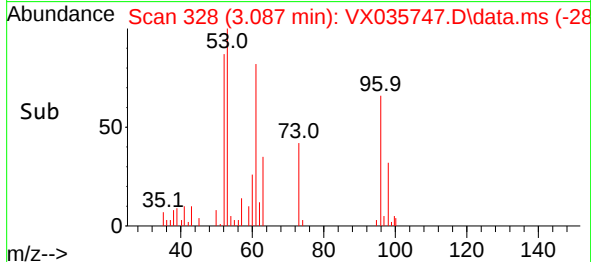
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2023



Tgt Ion: 96 Resp: 565
Ion Ratio Lower Upper
96 100
61 124.4 113.0 169.6
98 48.3 52.1 78.1

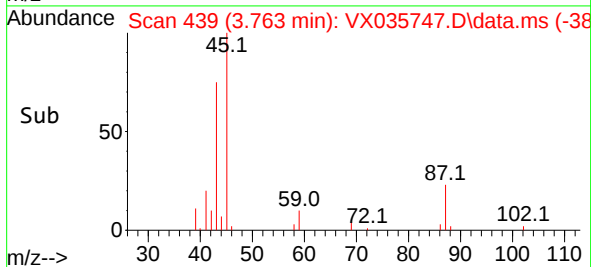
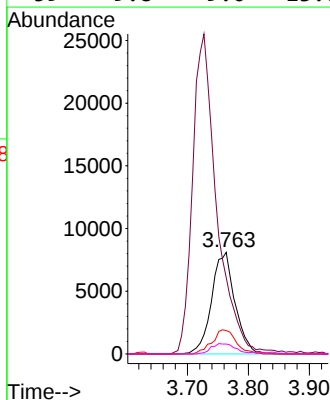
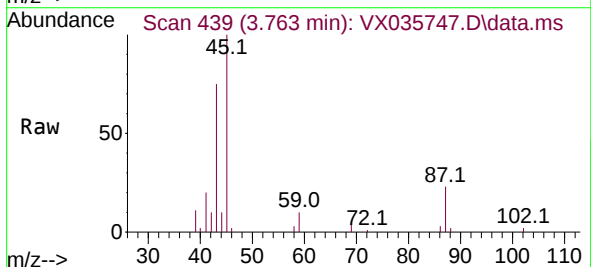
Manual Integrations
APPROVED

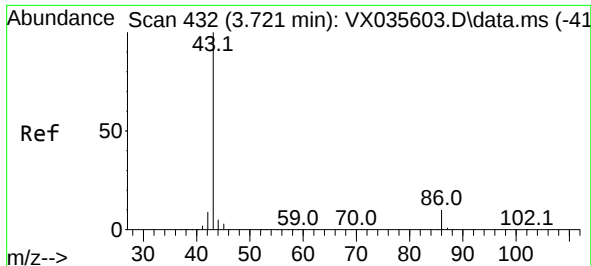
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#22
Diisopropyl ether
Concen: 2.419 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX035747.D
Acq: 18 May 2023 17:09

Tgt Ion: 45 Resp: 21640
Ion Ratio Lower Upper
45 100
43 72.9 65.4 98.2
87 23.0 20.6 31.0
59 9.8 9.0 13.6





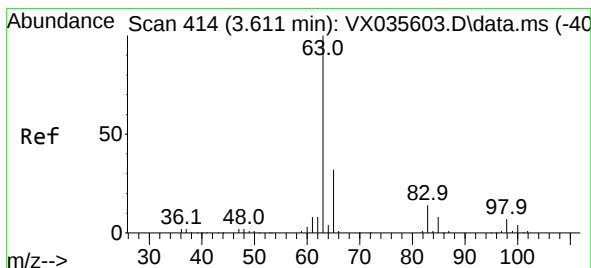
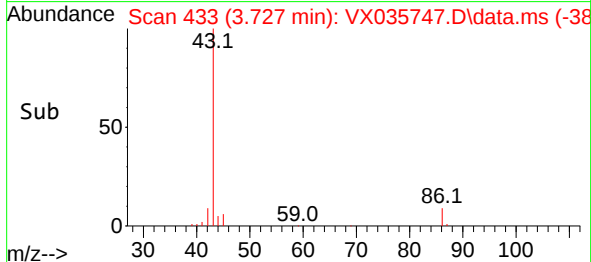
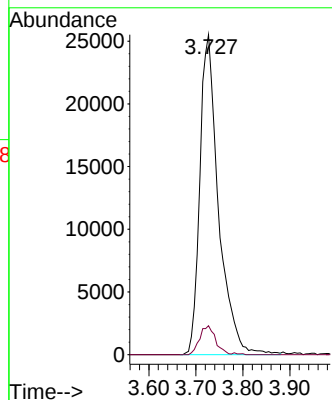
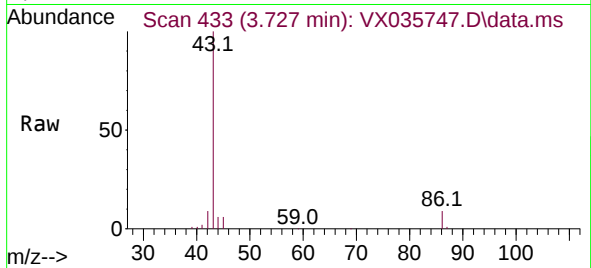
#23
 Vinyl Acetate
 Concen: 11.156 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX035747.D
 Acq: 18 May 2023 17:09

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

Tgt Ion: 43 Resp: 70598
 Ion Ratio Lower Upper
 43 100
 86 9.1 8.5 12.7

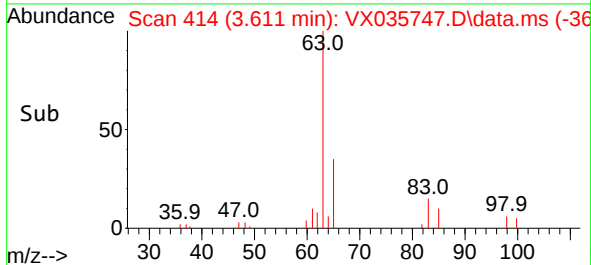
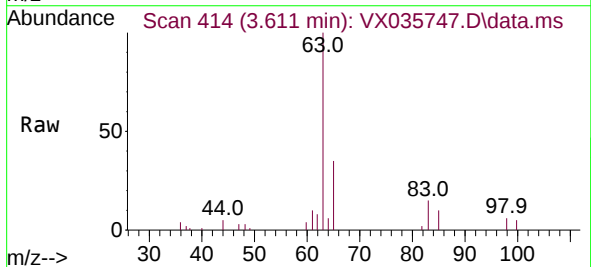
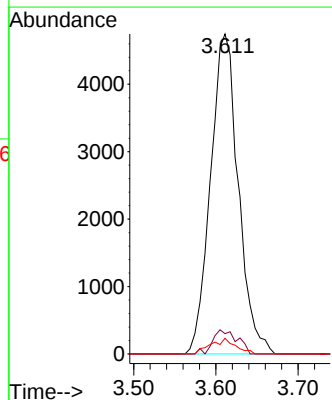
Manual Integrations
 APPROVED

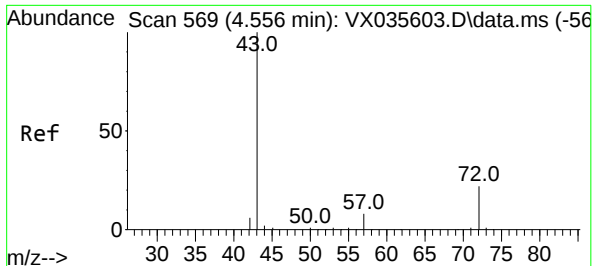
Reviewed By :John Carlone 05/19/2023
 Supervised By :Mahesh Dadoda 05/19/2023



#24
 1,1-Dichloroethane
 Concen: 2.331 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX035747.D
 Acq: 18 May 2023 17:09

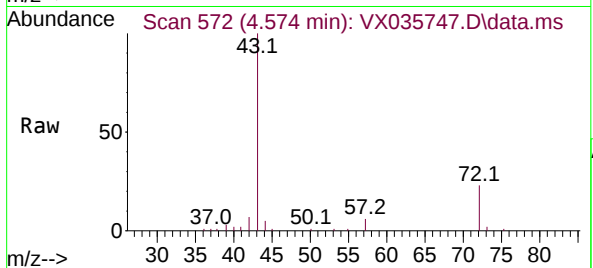
Tgt Ion: 63 Resp: 11148
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.8 11.2
 100 4.9 2.4 7.1





#25
2-Butanone
Concen: 12.852 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX035747.D
Acq: 18 May 2023 17:09

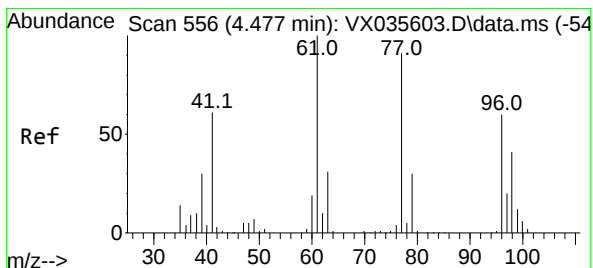
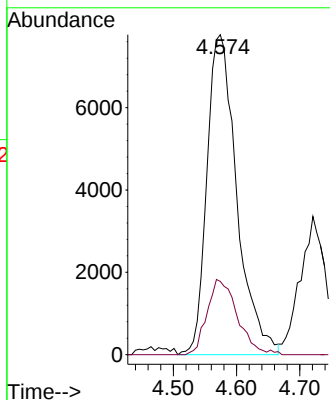
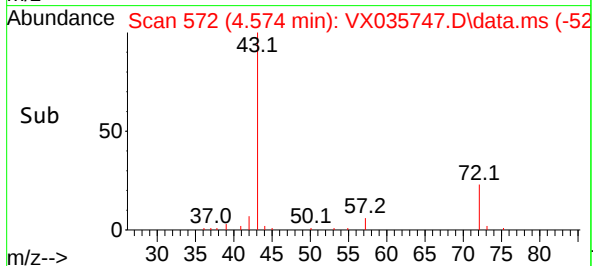
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2023



Tgt Ion: 43 Resp: 2554
Ion Ratio Lower Upper
43 100
72 22.9 19.3 28.9

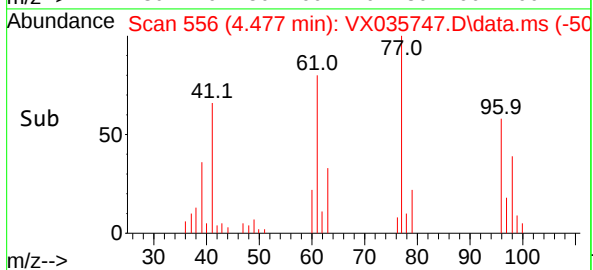
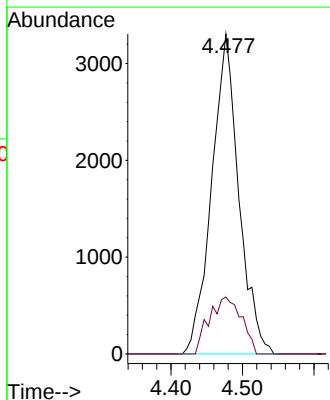
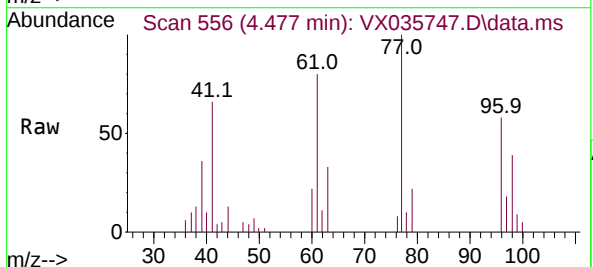
Manual Integrations
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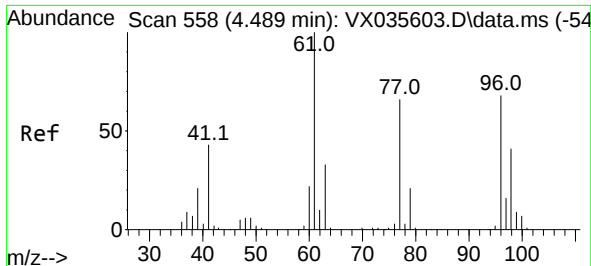
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#26
2,2-Dichloropropane
Concen: 2.154 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX035747.D
Acq: 18 May 2023 17:09

Tgt Ion: 77 Resp: 8724
Ion Ratio Lower Upper
77 100
97 21.1 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 2.491 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX035747.D

Acq: 18 May 2023 17:09

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2023

Tgt Ion: 96 Resp: 6998

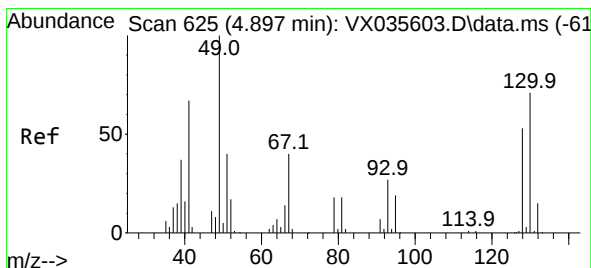
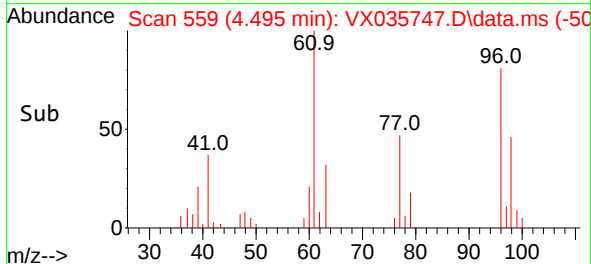
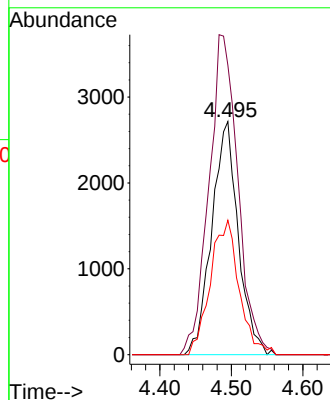
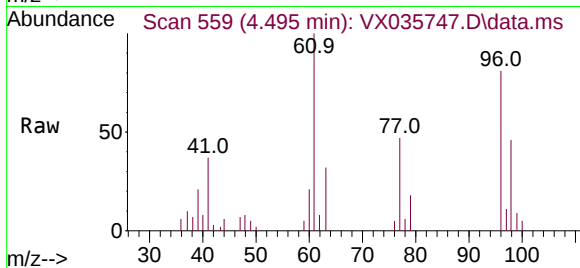
Ion	Ratio	Lower	Upper
96	100		
61	149.7	0.0	300.4
98	62.5	0.0	129.0

Manual Integrations

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Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#28

Bromochloromethane

Concen: 2.580 ug/l

RT: 4.904 min Scan# 626

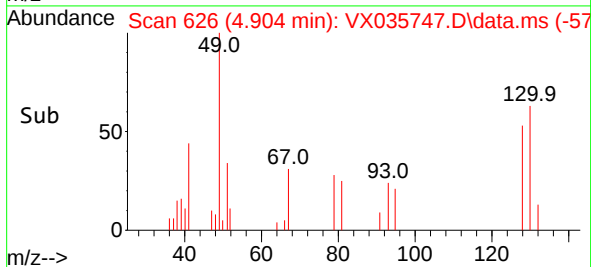
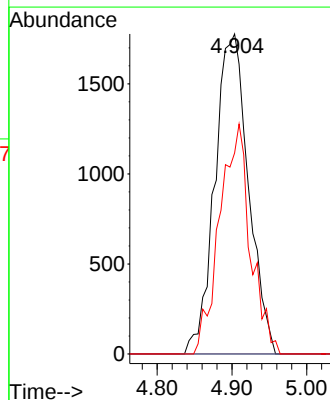
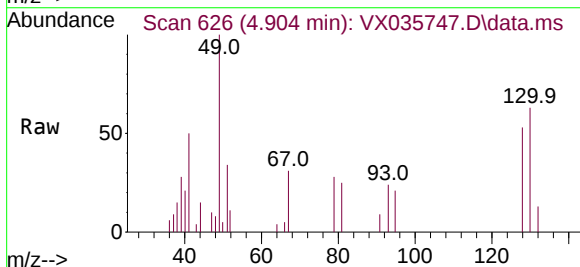
Delta R.T. 0.006 min

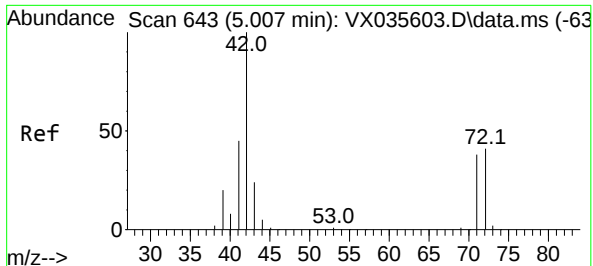
Lab File: VX035747.D

Acq: 18 May 2023 17:09

Tgt Ion: 49 Resp: 5550

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.0
130	65.9	58.2	87.2





#29

Tetrahydrofuran

Concen: 12.538 ug/l

RT: 5.032 min Scan# 64

Delta R.T. 0.025 min

Lab File: VX035747.D

Acq: 18 May 2023 17:09

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2023

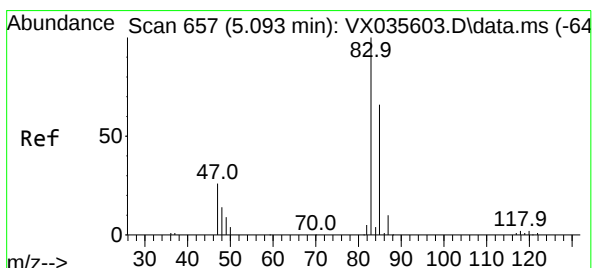
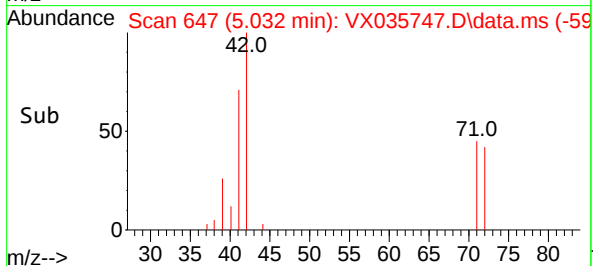
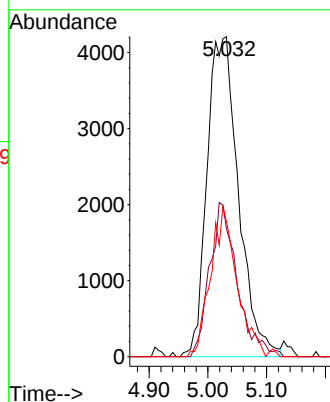
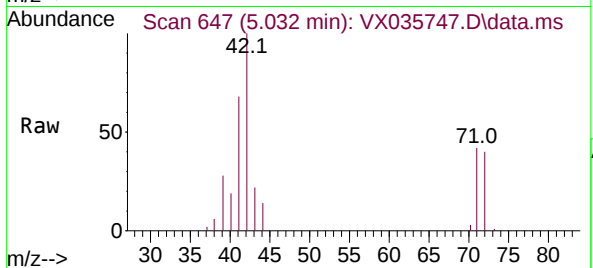
Tgt Ion: 42	Resp: 1566
Ion Ratio	Lower Upper
42 100	
72 42.0	34.5 51.7
71 39.4	32.1 48.1

Manual Integrations

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Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#30

Chloroform

Concen: 2.375 ug/l

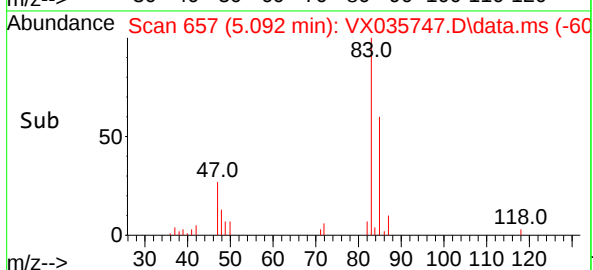
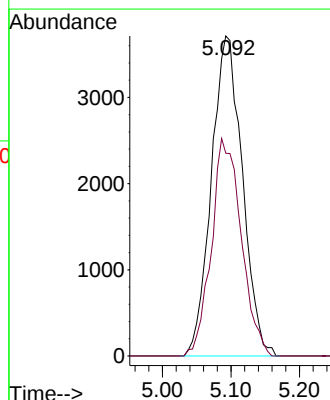
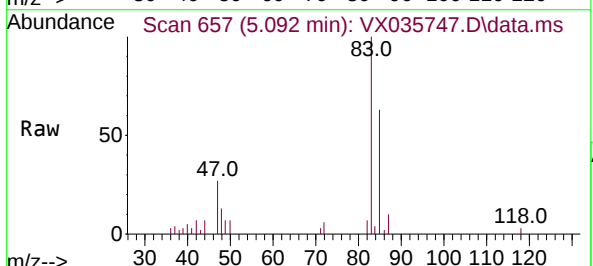
RT: 5.092 min Scan# 657

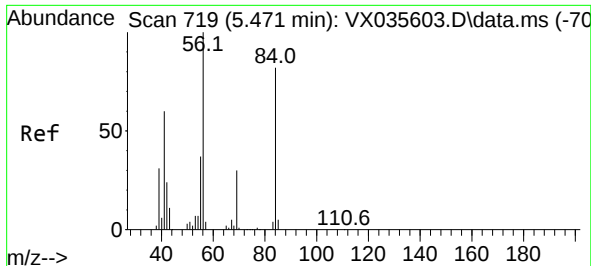
Delta R.T. -0.001 min

Lab File: VX035747.D

Acq: 18 May 2023 17:09

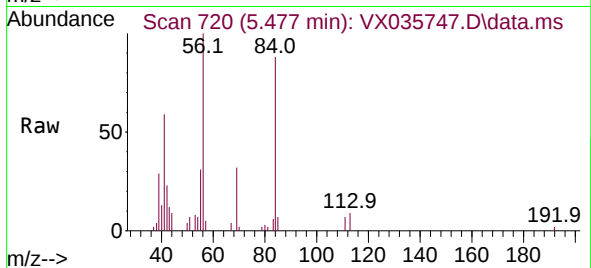
Tgt Ion: 83	Resp: 11642
Ion Ratio	Lower Upper
83 100	
85 63.3	50.6 76.0





#31
Cyclohexane
Concen: 2.396 ug/l
RT: 5.477 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX035747.D
Acq: 18 May 2023 17:09

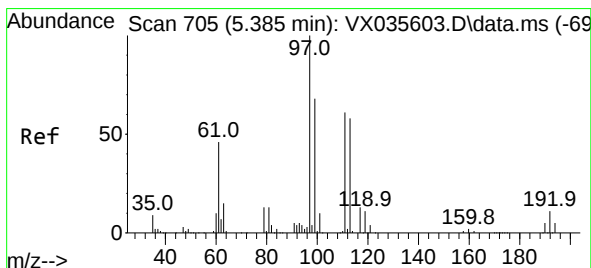
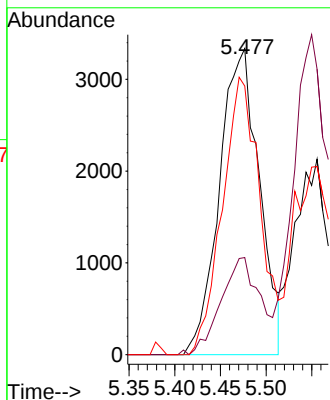
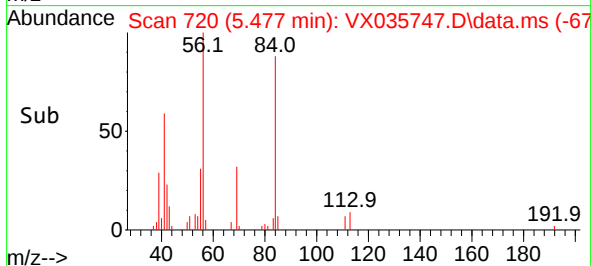
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2023



Tgt Ion: 56 Resp: 1011
Ion Ratio Lower Upper
56 100
69 31.7 23.7 35.5
84 87.7 68.5 102.7

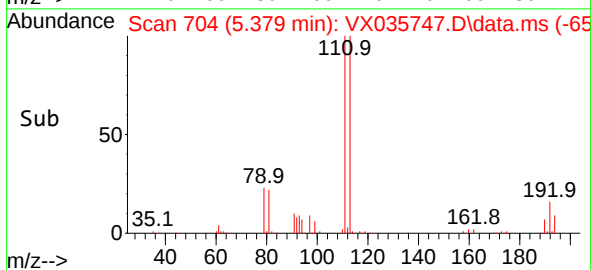
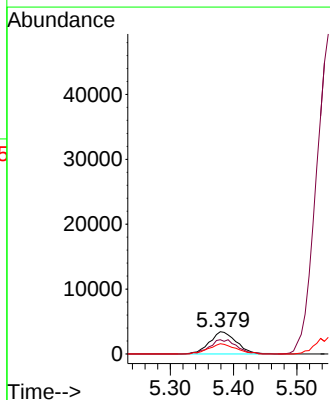
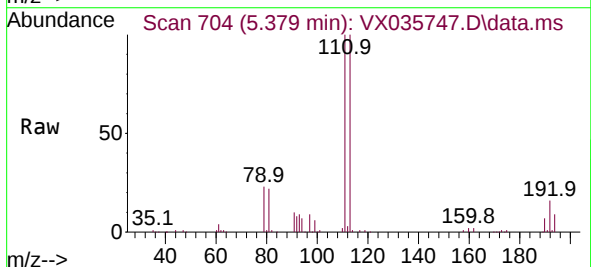
Manual Integrations
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Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#32
1,1,1-Trichloroethane
Concen: 2.349 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX035747.D
Acq: 18 May 2023 17:09

Tgt Ion: 97 Resp: 10018
Ion Ratio Lower Upper
97 100
99 65.5 51.1 76.7
61 46.0 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 53.430 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX035747.D

Acq: 18 May 2023 17:09

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2023

Tgt Ion: 65 Resp: 17847

Ion Ratio Lower Upper

65 100

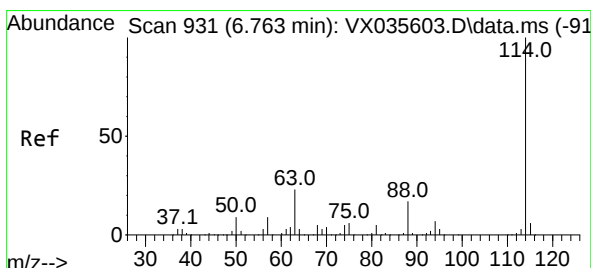
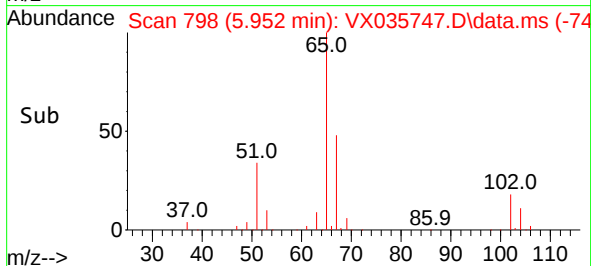
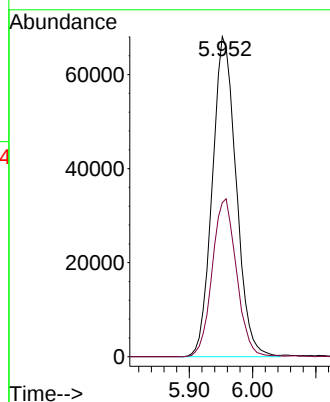
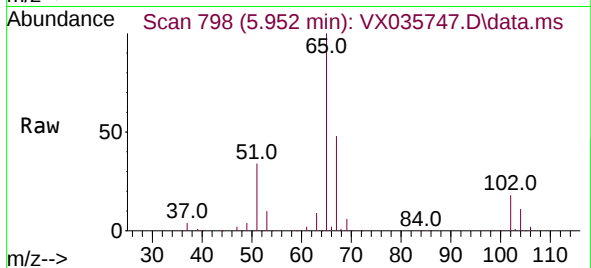
67 50.0 0.0 104.0

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Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX035747.D

Acq: 18 May 2023 17:09

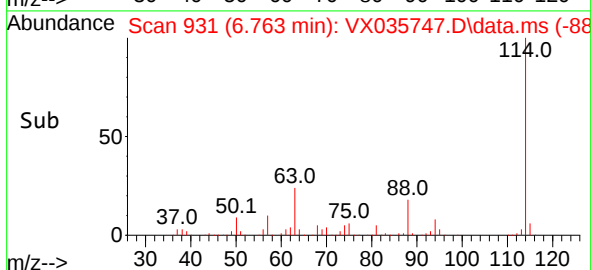
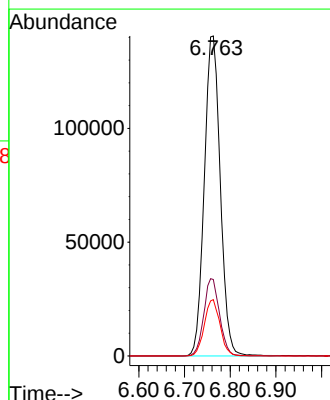
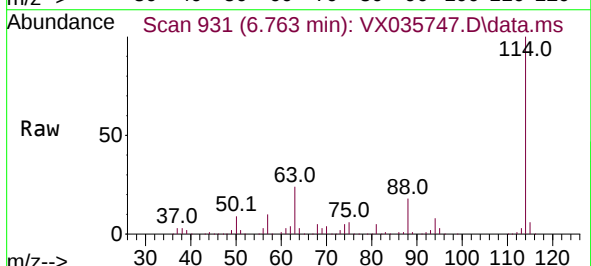
Tgt Ion:114 Resp: 341287

Ion Ratio Lower Upper

114 100

63 23.9 0.0 42.2

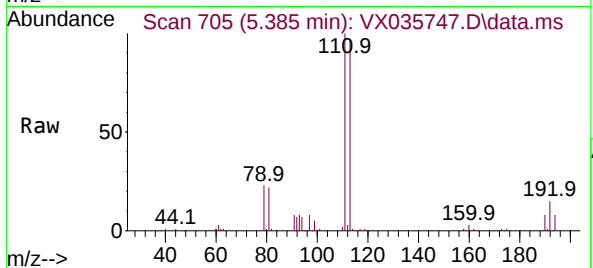
88 17.6 0.0 33.2





#35
Dibromofluoromethane
Concen: 50.708 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035747.D
Acq: 18 May 2023 17:09

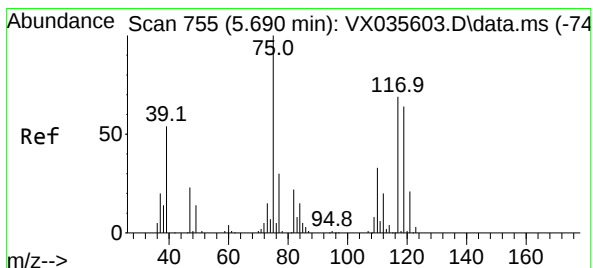
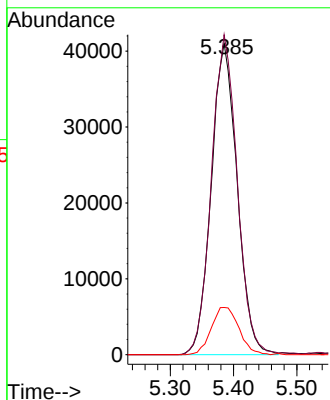
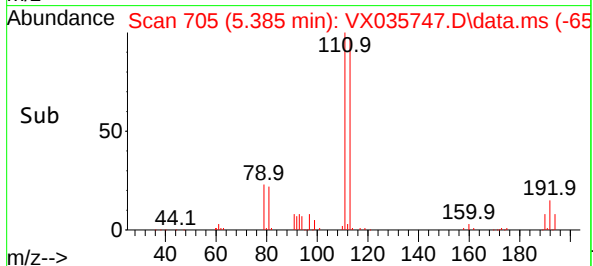
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2023



Tgt Ion: 113 Resp: 11671
Ion Ratio Lower Upper
113 100
111 102.8 83.7 125.5
192 16.2 15.4 23.2

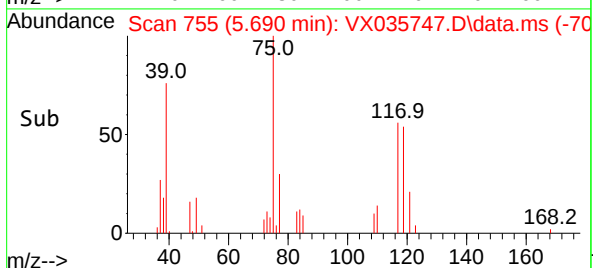
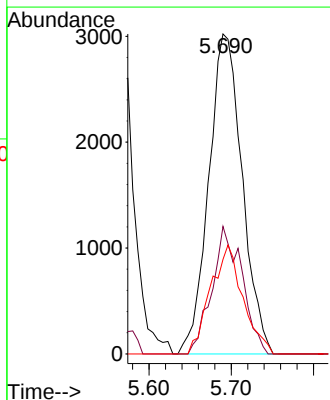
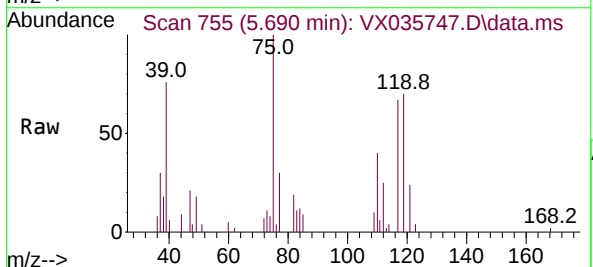
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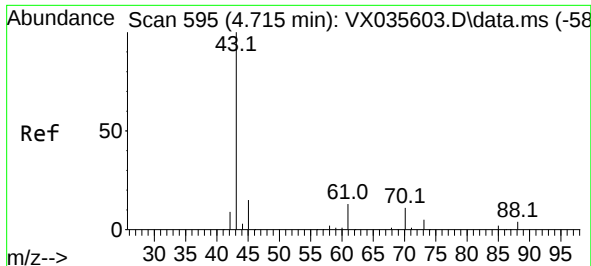
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#36
1,1-Dichloropropene
Concen: 2.353 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX035747.D
Acq: 18 May 2023 17:09

Tgt Ion: 75 Resp: 8548
Ion Ratio Lower Upper
75 100
110 35.9 17.5 52.5
77 33.0 24.3 36.5





#37

Ethyl Acetate

Concen: 2.502 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.006 min

Lab File: VX035747.D

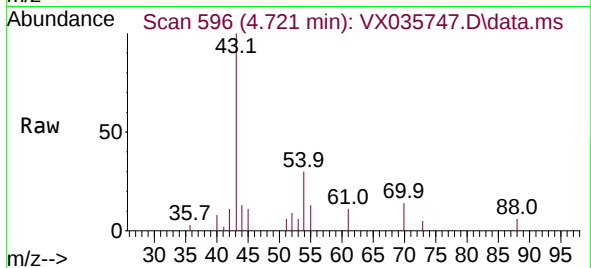
Acq: 18 May 2023 17:09

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2023

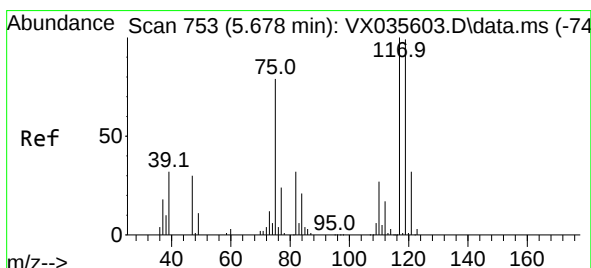
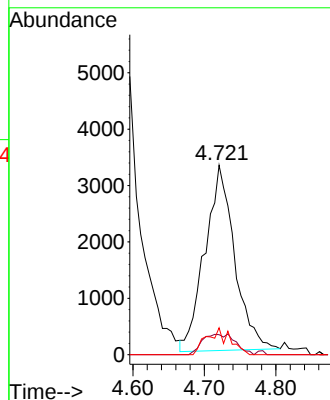
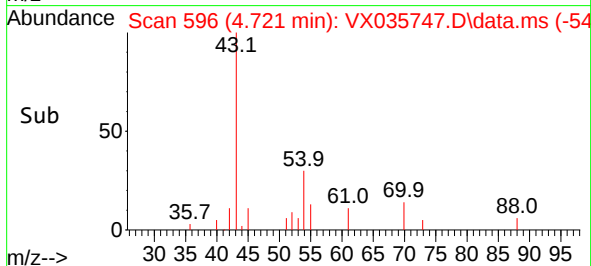


Tgt Ion: 43	Resp: 9480
Ion Ratio	Lower Upper
43	100
61	12.4 10.2 15.4
70	11.4 8.2 12.4

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

Supervised By :Mahesh Dadoda 05/19/2023



#38

Carbon Tetrachloride

Concen: 2.121 ug/l

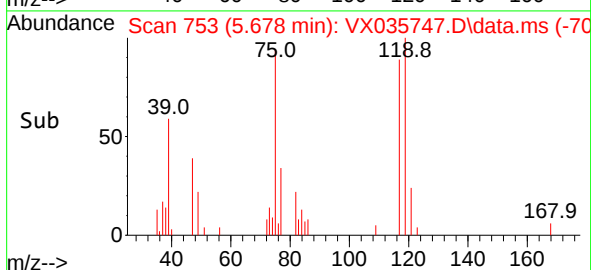
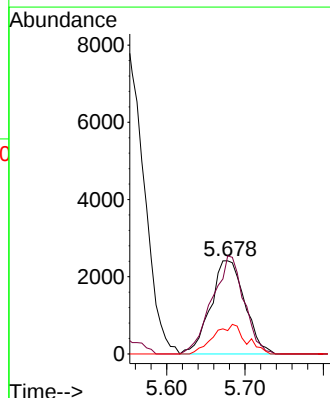
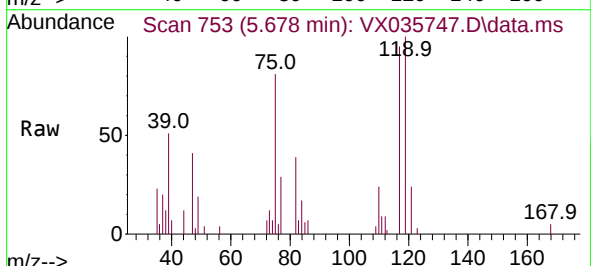
RT: 5.678 min Scan# 753

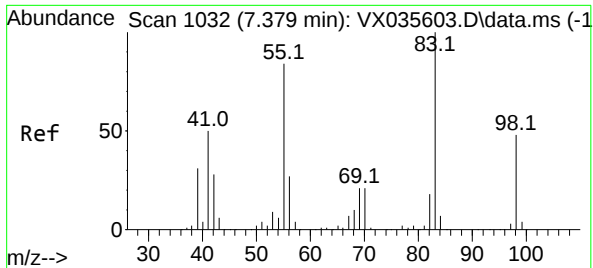
Delta R.T. -0.000 min

Lab File: VX035747.D

Acq: 18 May 2023 17:09

Tgt Ion:117	Resp: 7300
Ion Ratio	Lower Upper
117	100
119	105.3 76.6 114.8
121	25.0 23.8 35.6





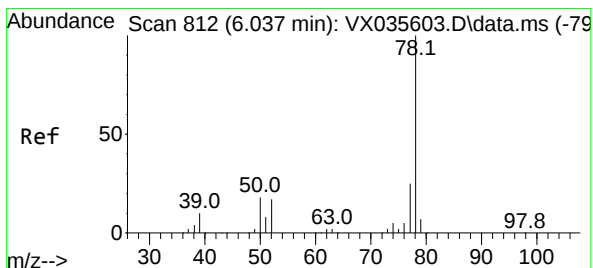
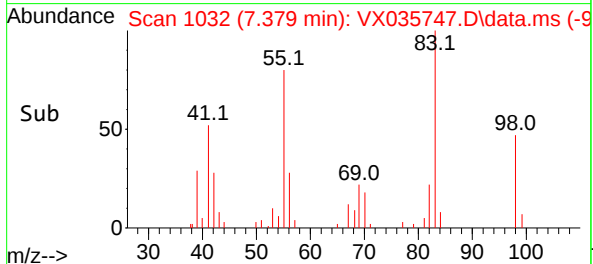
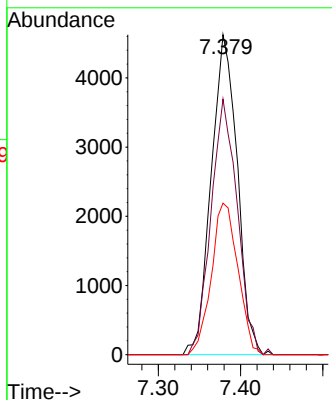
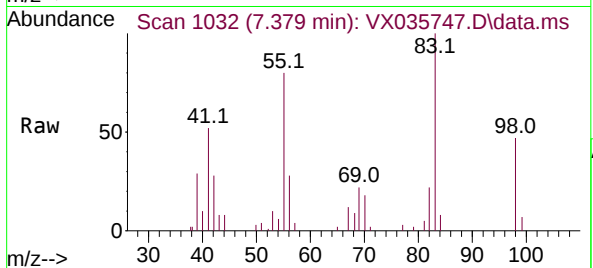
#39
Methylcyclohexane
Concen: 2.384 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX035747.D
Acq: 18 May 2023 17:09

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

Tgt Ion: 83 Resp: 10190
Ion Ratio Lower Upper
83 100
55 79.8 60.5 90.7
98 47.4 40.4 60.6

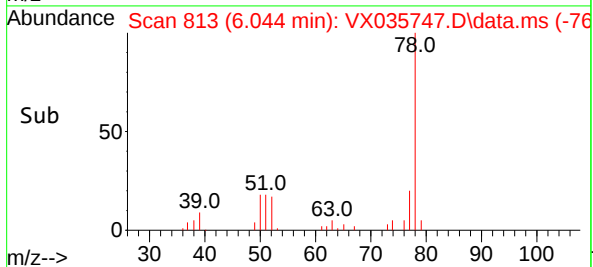
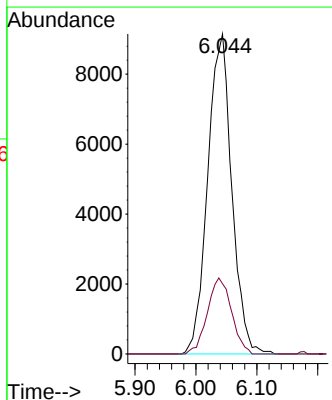
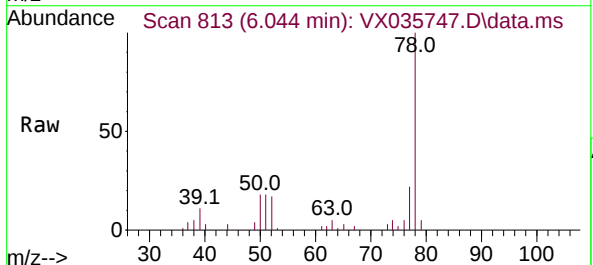
Manual Integrations
APPROVED

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



#40
Benzene
Concen: 2.471 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.007 min
Lab File: VX035747.D
Acq: 18 May 2023 17:09

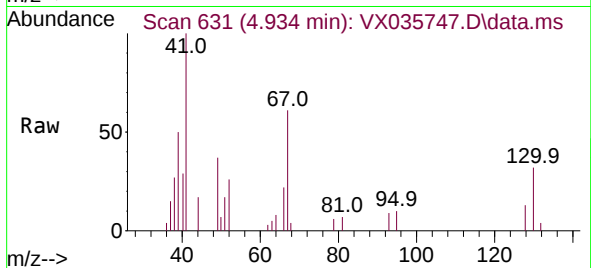
Tgt Ion: 78 Resp: 25118
Ion Ratio Lower Upper
78 100
77 21.9 19.0 28.4





#41
Methacrylonitrile
Concen: 2.375 ug/l
RT: 4.934 min Scan# 61
Delta R.T. 0.018 min
Lab File: VX035747.D
Acq: 18 May 2023 17:09

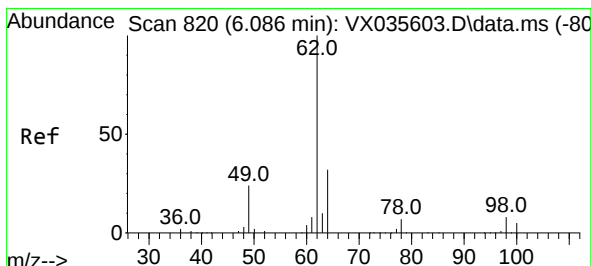
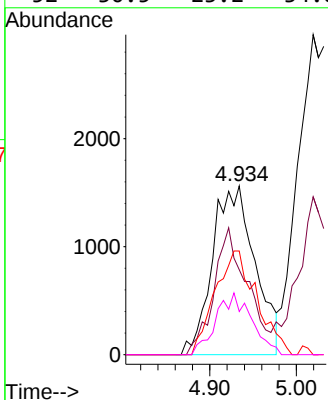
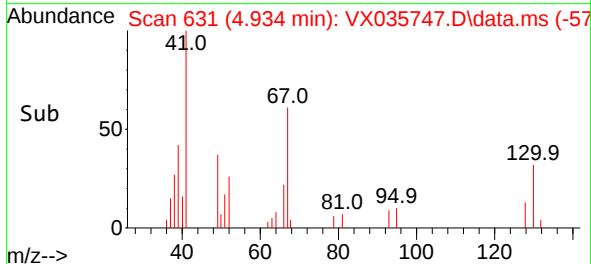
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2023



Tgt Ion:	41	Resp:	534
Ion Ratio	100	Lower	Upper
39	59.4	45.0	67.6
67	60.0	55.6	83.4
52	30.5	23.2	34.8

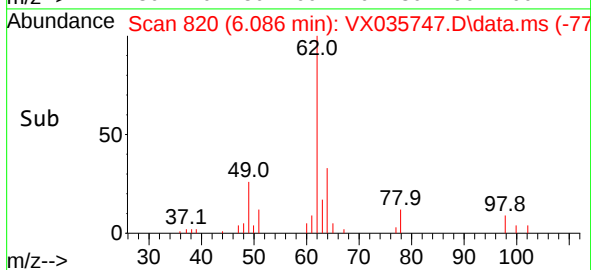
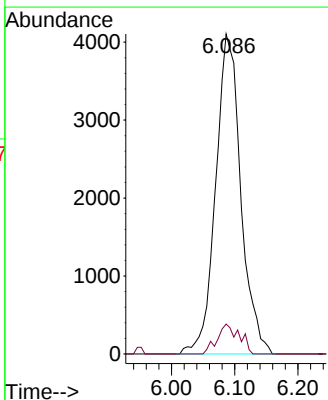
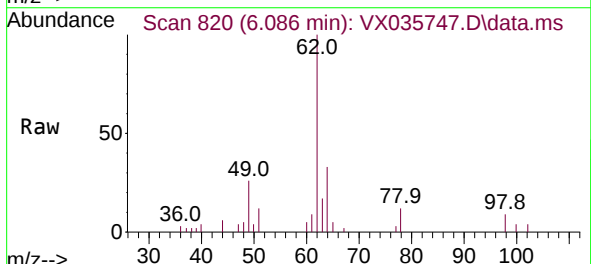
Manual Integrations
APPROVED

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



#42
1,2-Dichloroethane
Concen: 2.592 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX035747.D
Acq: 18 May 2023 17:09

Tgt Ion:	62	Resp:	11334
Ion Ratio	100	Lower	Upper
98	8.2	0.0	18.0





#43

Isopropyl Acetate

Concen: 2.283 ug/l

RT: 6.336 min Scan# 80

Delta R.T. 0.000 min

Lab File: VX035747.D

Acq: 18 May 2023 17:09

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2023

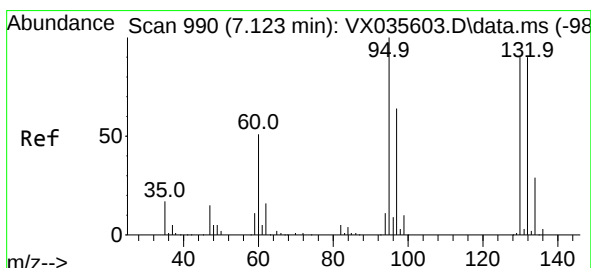
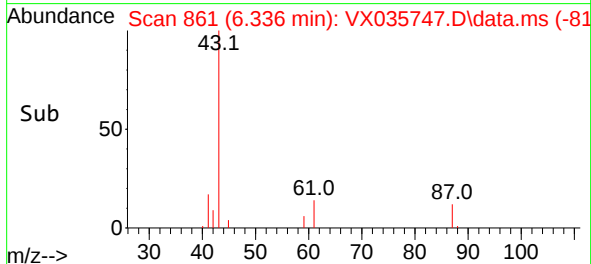
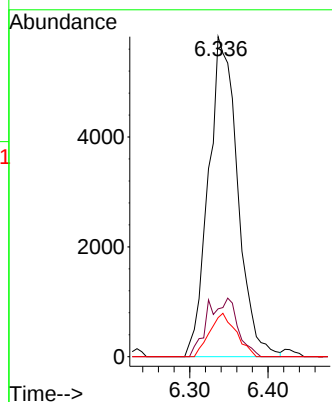
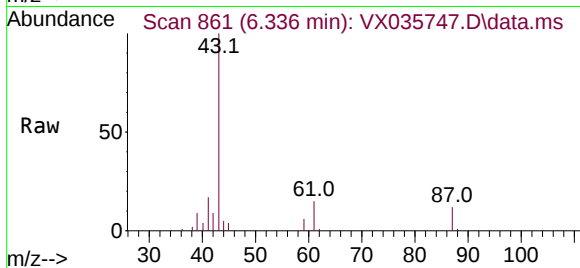
Tgt Ion: 43	Resp: 15084
Ion Ratio	Lower Upper
43 100	
61 18.8	15.2 22.8
87 12.2	9.8 14.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#44

Trichloroethene

Concen: 2.482 ug/l

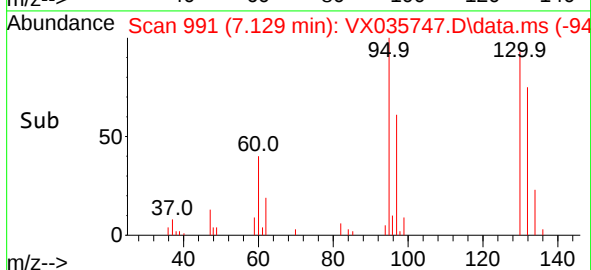
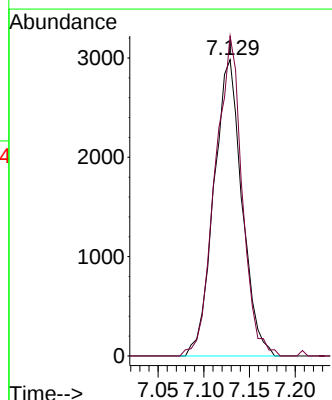
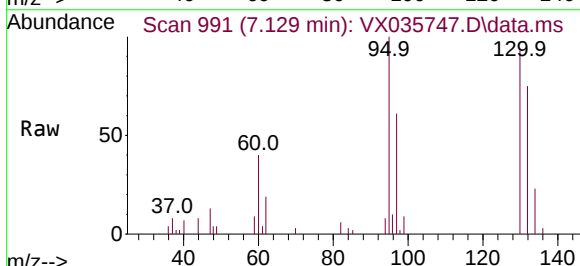
RT: 7.129 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX035747.D

Acq: 18 May 2023 17:09

Tgt Ion:130	Resp: 6396
Ion Ratio	Lower Upper
130 100	
95 108.0	0.0 198.4





#45

1,2-Dichloropropane

Concen: 2.458 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.007 min

Lab File: VX035747.D

Acq: 18 May 2023 17:09

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2023

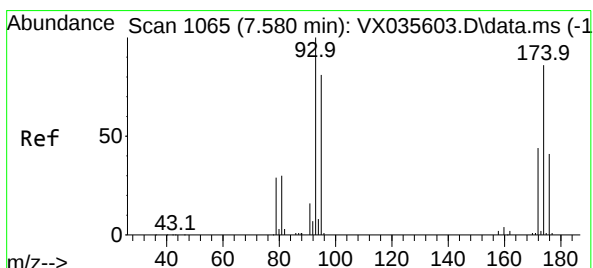
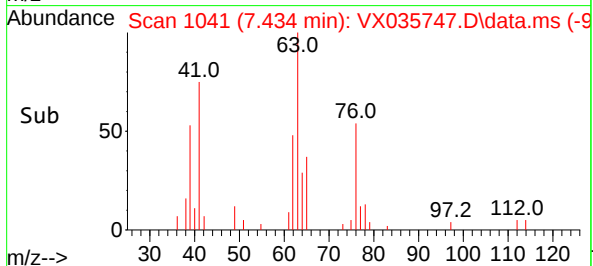
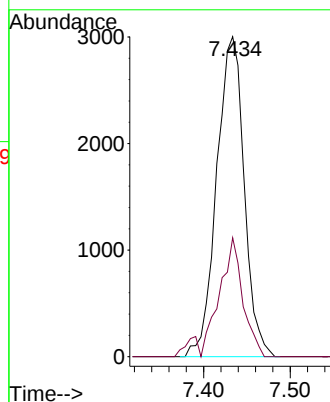
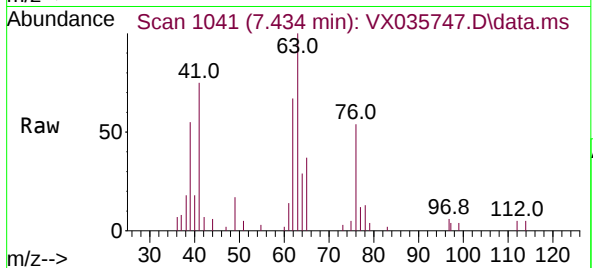
Tgt Ion: 63 Resp: 661
 Ion Ratio Lower Upper
 63 100
 65 37.2 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#46

Dibromomethane

Concen: 2.277 ug/l

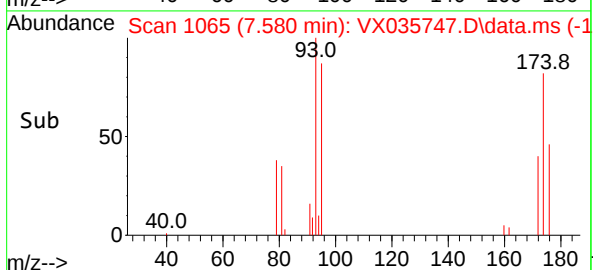
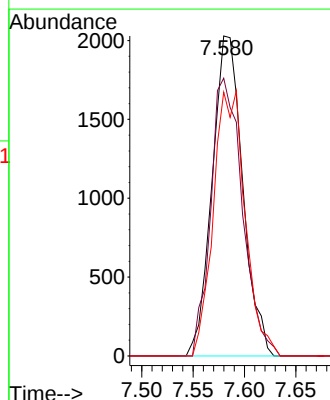
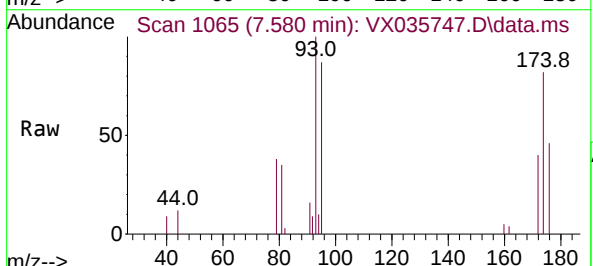
RT: 7.580 min Scan# 1065

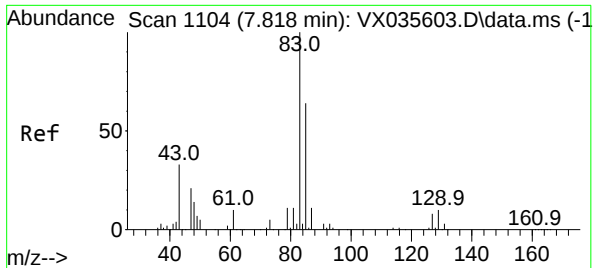
Delta R.T. -0.000 min

Lab File: VX035747.D

Acq: 18 May 2023 17:09

Tgt Ion: 93 Resp: 4195
 Ion Ratio Lower Upper
 93 100
 95 90.0 66.9 100.3
 174 85.8 75.4 113.0





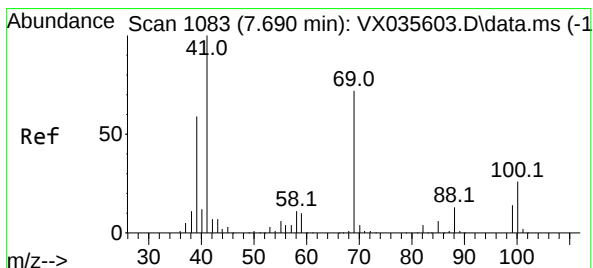
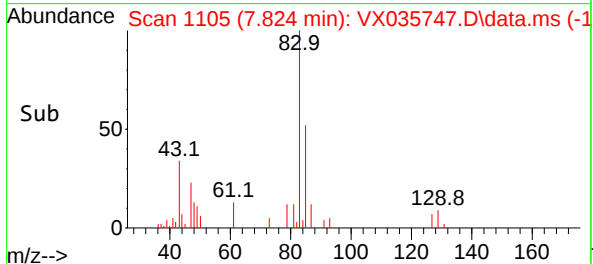
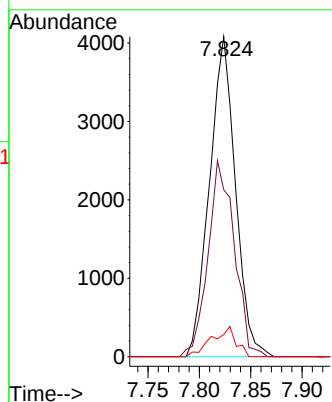
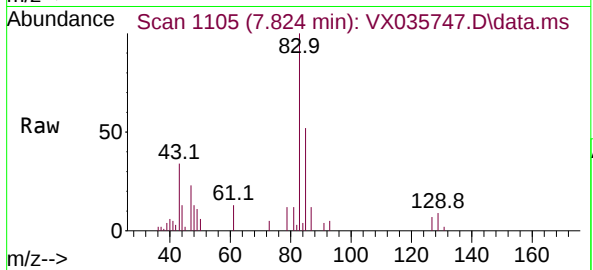
#47
Bromodichloromethane
Concen: 2.012 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX035747.D
Acq: 18 May 2023 17:09

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

Tgt Ion: 83 Resp: 7164
Ion Ratio Lower Upper
83 100
85 52.2 52.2 78.4
127 6.9 6.6 9.8

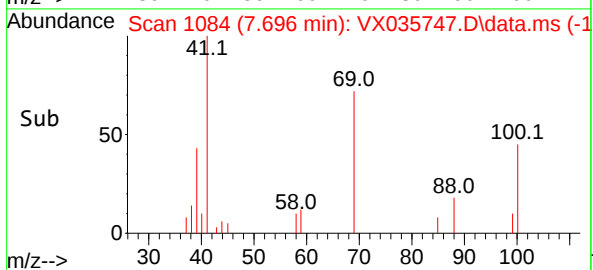
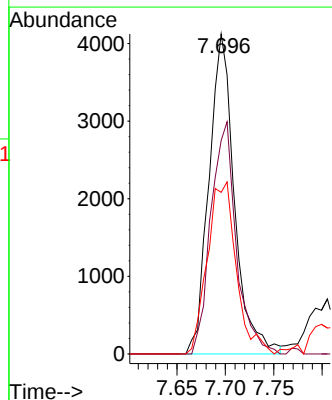
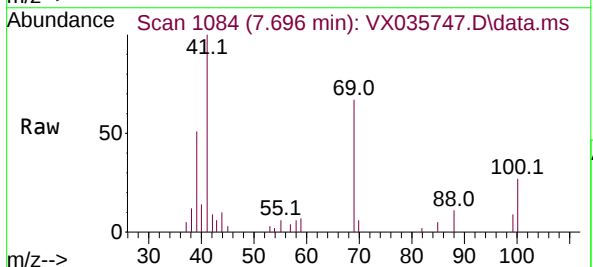
Manual Integrations
APPROVED

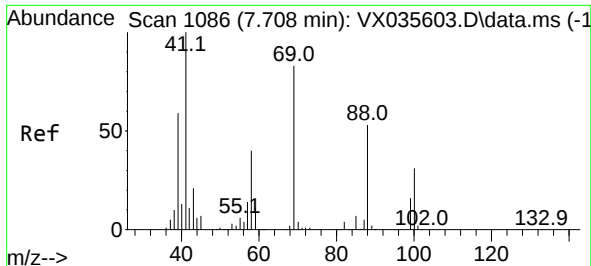
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#48
Methyl methacrylate
Concen: 2.317 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX035747.D
Acq: 18 May 2023 17:09

Tgt Ion: 41 Resp: 7556
Ion Ratio Lower Upper
41 100
69 72.4 62.2 93.4
39 60.9 47.7 71.5





#49

1,4-Dioxane

Concen: 44.898 ug/l m

RT: 7.732 min Scan# 1086

Delta R.T. 0.024 min

Lab File: VX035747.D

Acq: 18 May 2023 17:09

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2023

Tgt Ion: 88 Resp: 3140

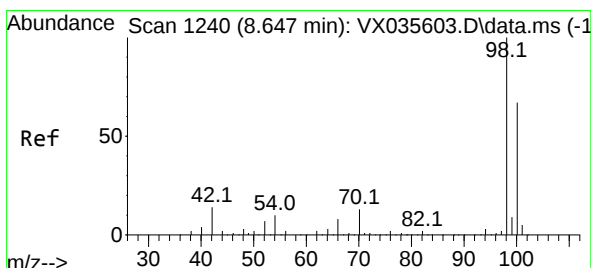
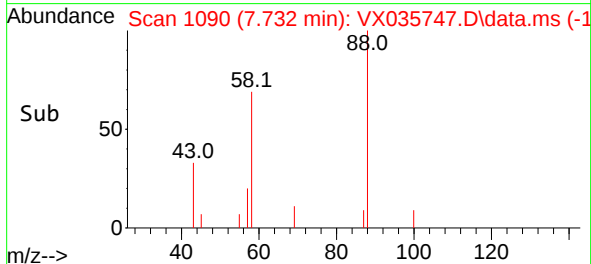
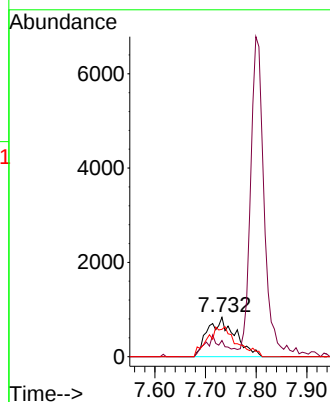
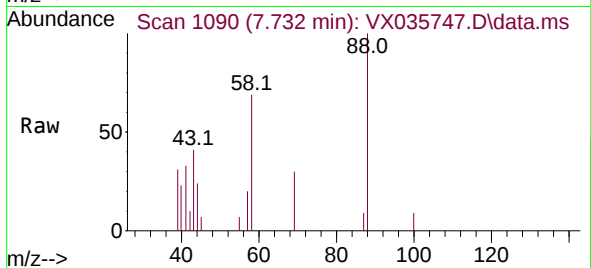
Ion	Ratio	Lower	Upper
88	100		
43	38.1	27.7	41.5
58	0.0	56.8	85.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#50

Toluene-d8

Concen: 50.995 ug/l

RT: 8.647 min Scan# 1240

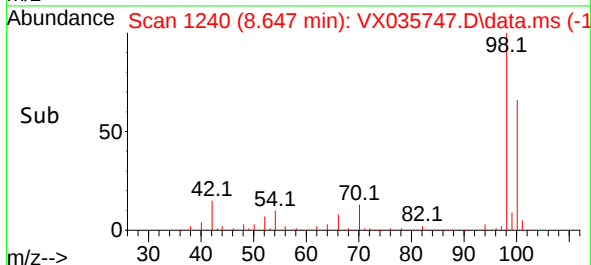
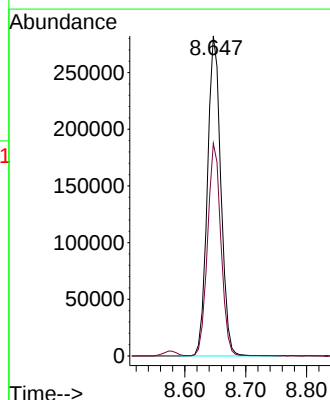
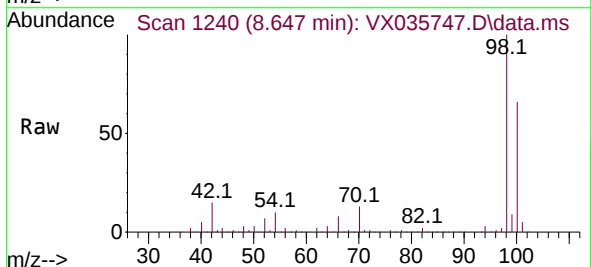
Delta R.T. -0.000 min

Lab File: VX035747.D

Acq: 18 May 2023 17:09

Tgt Ion: 98 Resp: 433602

Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.5	78.7





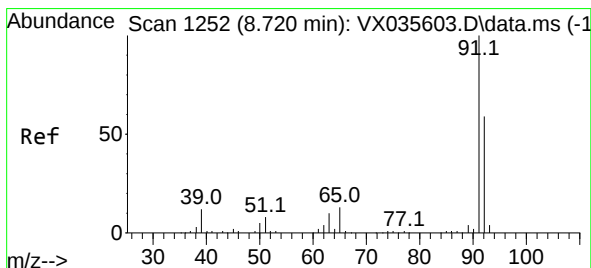
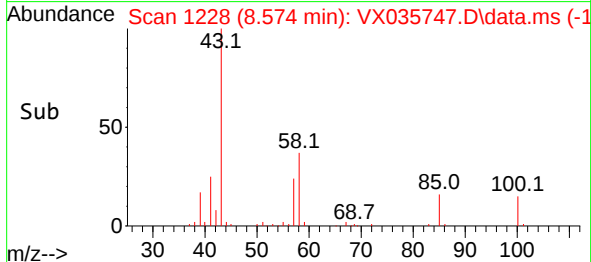
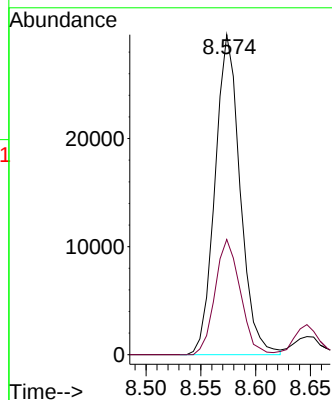
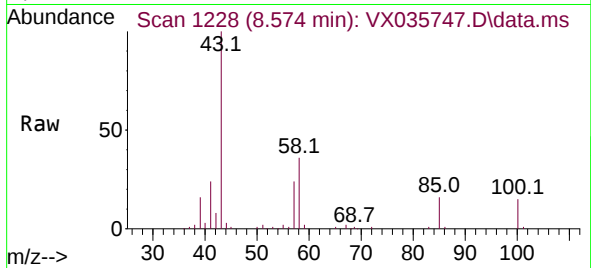
#51
4-Methyl-2-Pentanone
Concen: 12.402 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX035747.D
Acq: 18 May 2023 17:09

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

Tgt Ion: 43 Resp: 4721
Ion Ratio Lower Upper
43 100
58 36.2 30.6 46.0

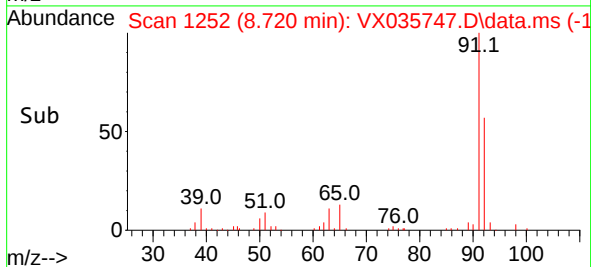
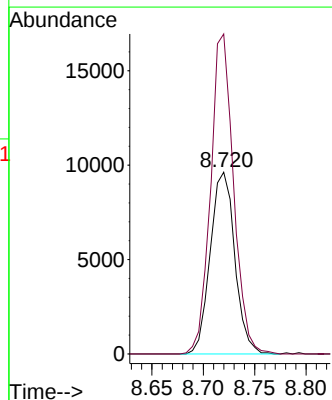
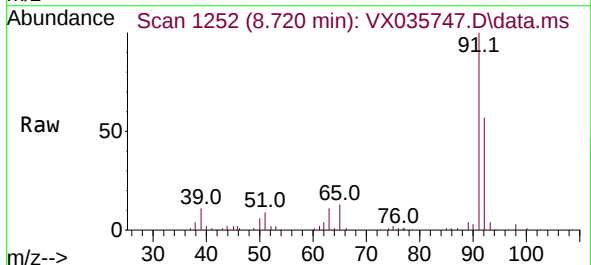
Manual Integrations
APPROVED

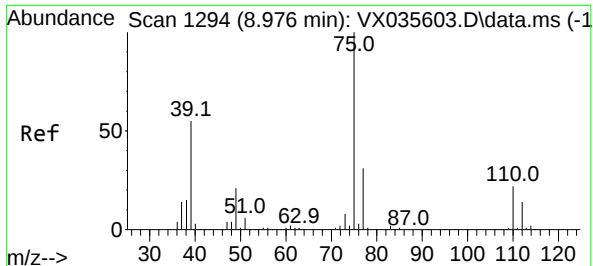
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#52
Toluene
Concen: 2.488 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX035747.D
Acq: 18 May 2023 17:09

Tgt Ion: 92 Resp: 15964
Ion Ratio Lower Upper
92 100
91 165.2 136.8 205.2





#53

t-1,3-Dichloropropene

Concen: 1.801 ug/l

RT: 8.976 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VX035747.D

Acq: 18 May 2023 17:09

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2023

Tgt Ion: 75 Resp: 696

Ion Ratio Lower Upper

75 100

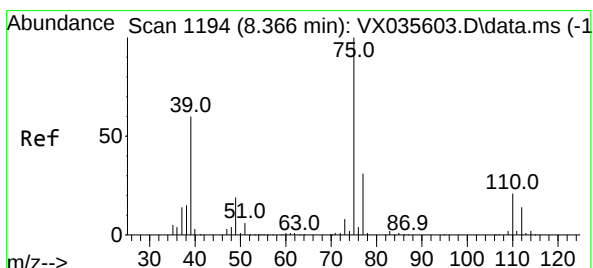
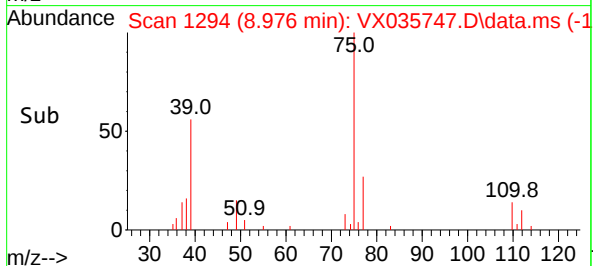
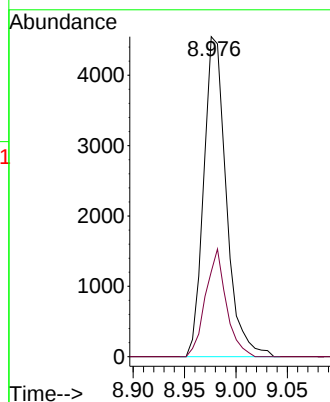
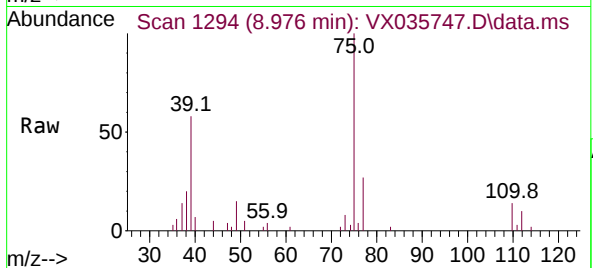
77 26.6 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#54

cis-1,3-Dichloropropene

Concen: 1.974 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX035747.D

Acq: 18 May 2023 17:09

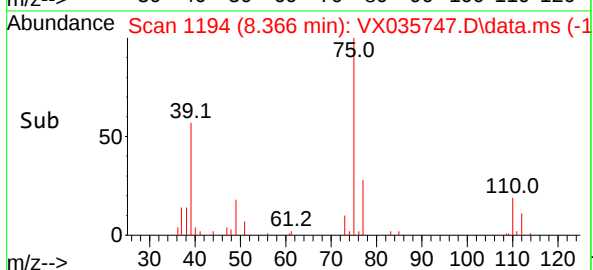
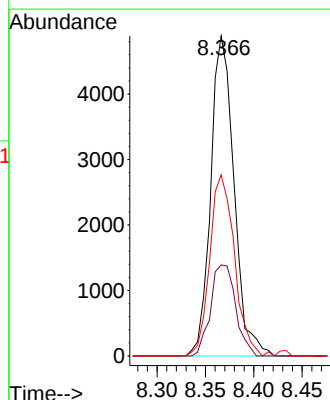
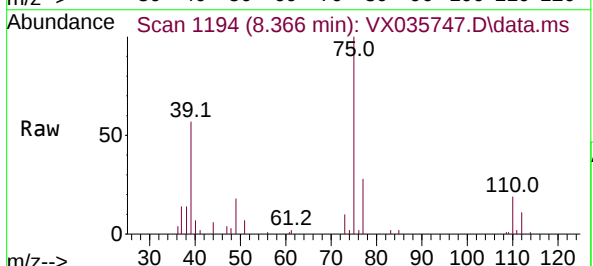
Tgt Ion: 75 Resp: 8184

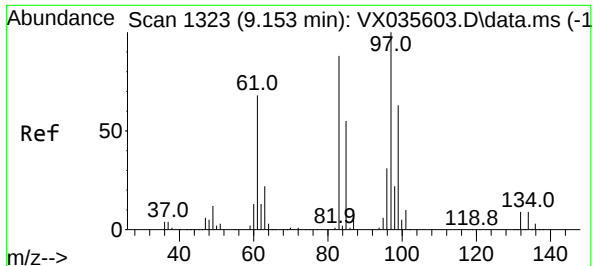
Ion Ratio Lower Upper

75 100

77 28.4 25.0 37.4

39 56.6 44.6 66.8





#55

1,1,2-Trichloroethane

Concen: 2.298 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX035747.D

Acq: 18 May 2023 17:09

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2023

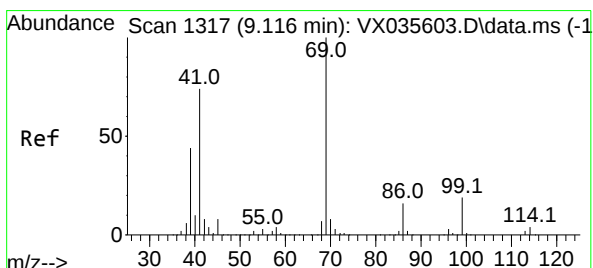
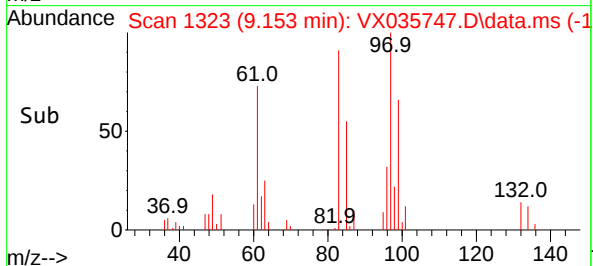
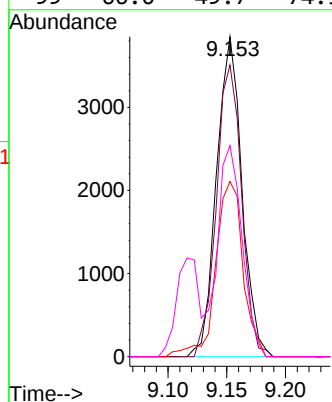
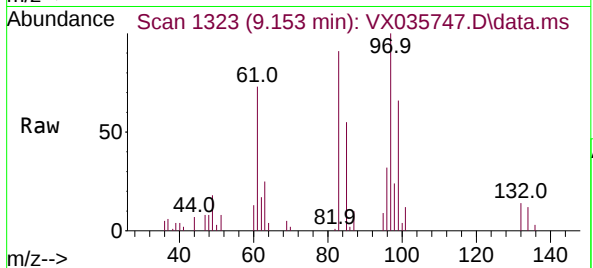
Tgt Ion	Ratio	Lower	Upper
97	100		
83	91.2	69.7	104.5
85	54.7	43.7	65.5
99	66.0	49.7	74.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#56

Ethyl methacrylate

Concen: 2.096 ug/l

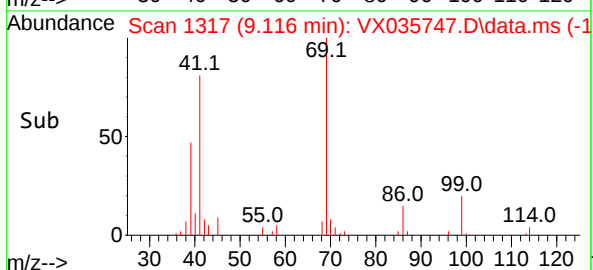
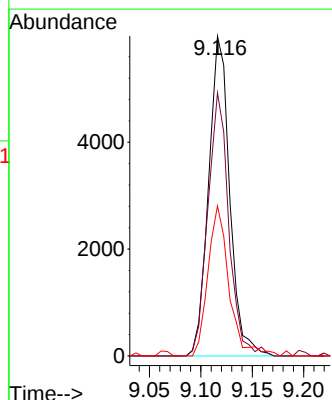
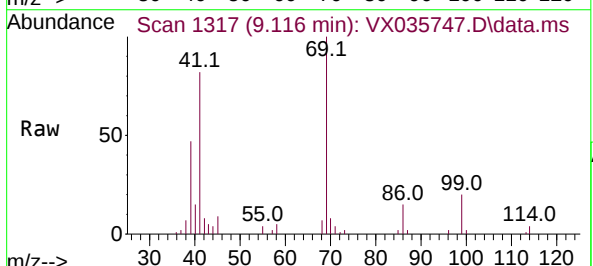
RT: 9.116 min Scan# 1317

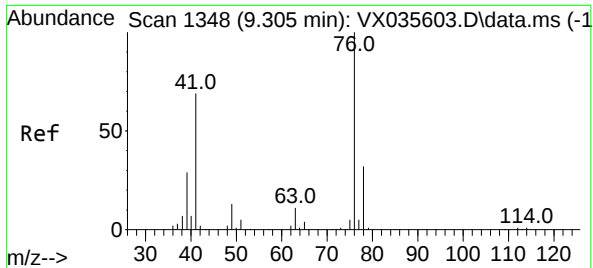
Delta R.T. 0.000 min

Lab File: VX035747.D

Acq: 18 May 2023 17:09

Tgt Ion	Ratio	Lower	Upper
69	100		
41	81.9	57.4	86.0
39	46.7	33.7	50.5





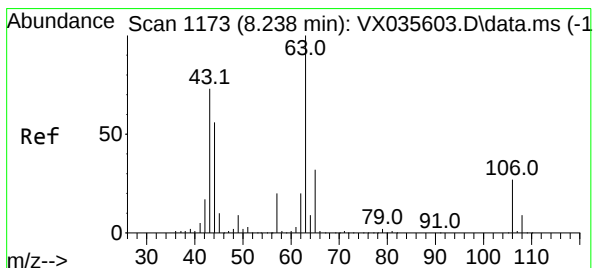
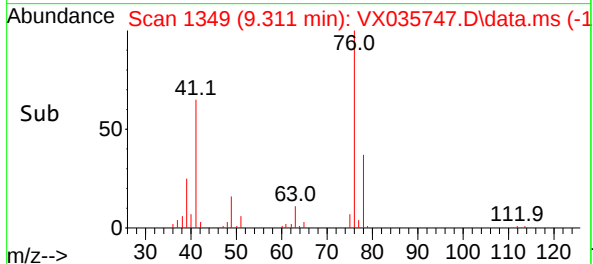
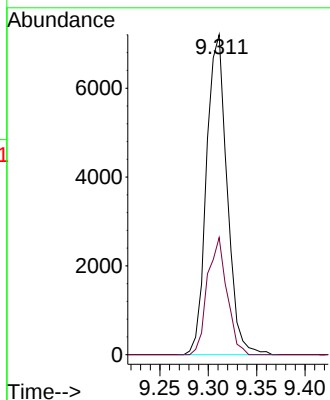
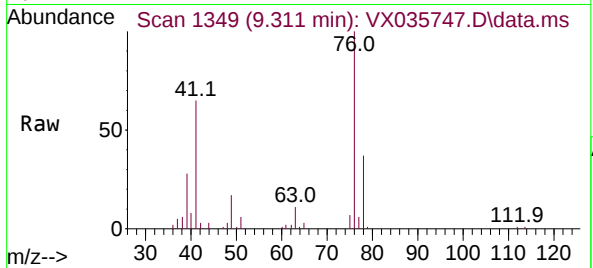
#57
1,3-Dichloropropane
Concen: 2.337 ug/l
RT: 9.311 min Scan# 1117
Delta R.T. 0.006 min
Lab File: VX035747.D
Acq: 18 May 2023 17:09

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

Tgt Ion: 76 Resp: 1067
Ion Ratio Lower Upper
76 100
78 34.8 25.8 38.8

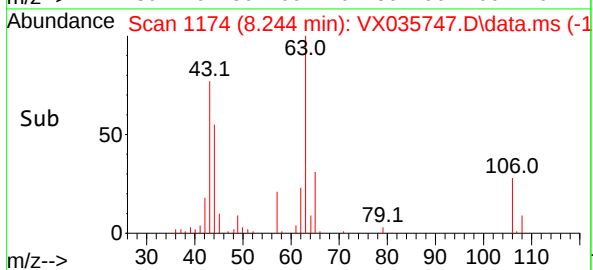
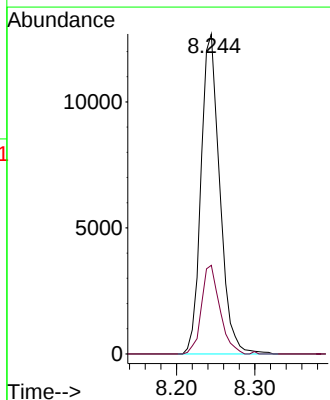
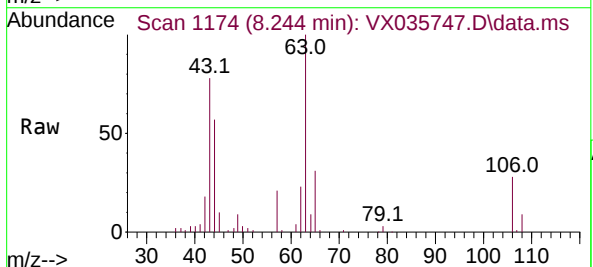
Manual Integrations
APPROVED

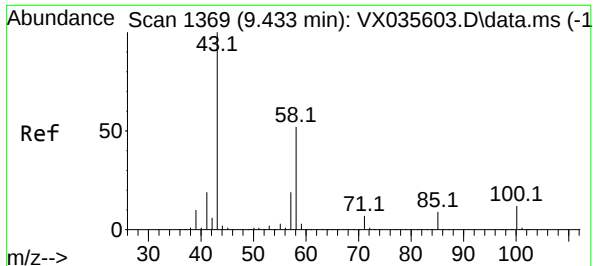
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#58
2-Chloroethyl Vinyl ether
Concen: 10.165 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VX035747.D
Acq: 18 May 2023 17:09

Tgt Ion: 63 Resp: 21102
Ion Ratio Lower Upper
63 100
106 27.1 22.2 33.2





#59

2-Hexanone

Concen: 11.743 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX035747.D

Acq: 18 May 2023 17:09

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2023

Tgt Ion: 43 Resp: 3366

Ion Ratio Lower Upper

43 100

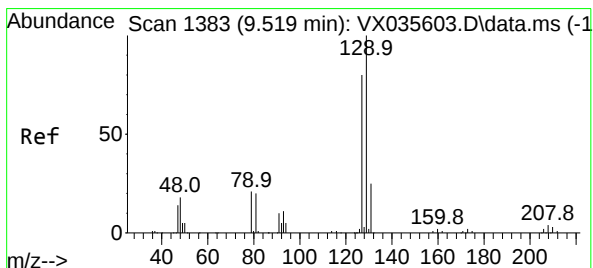
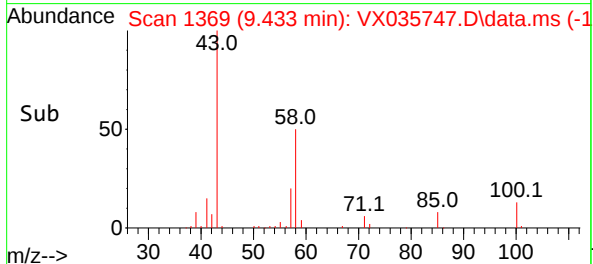
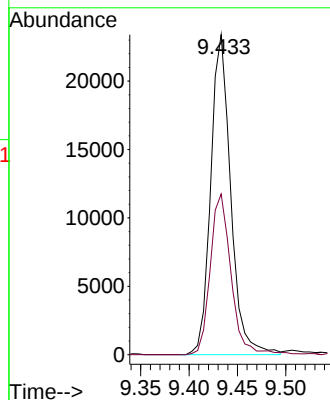
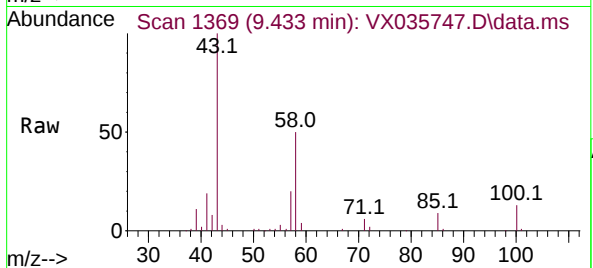
58 52.4 26.3 78.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#60

Dibromochloromethane

Concen: 1.783 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX035747.D

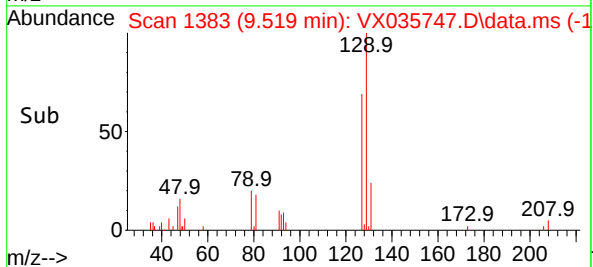
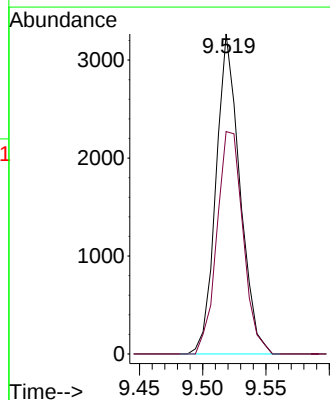
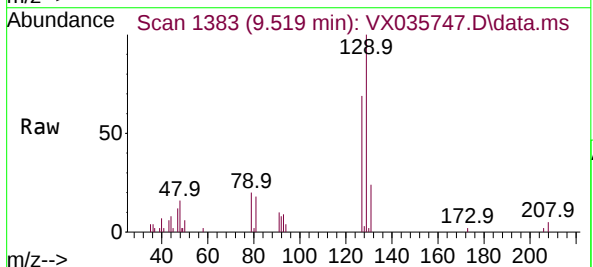
Acq: 18 May 2023 17:09

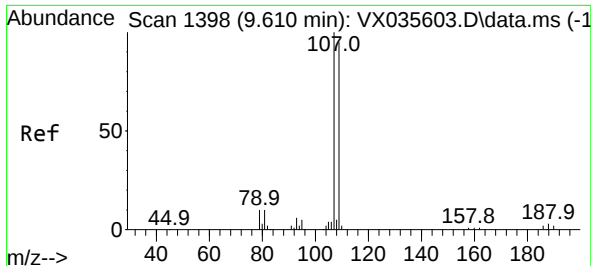
Tgt Ion:129 Resp: 4282

Ion Ratio Lower Upper

129 100

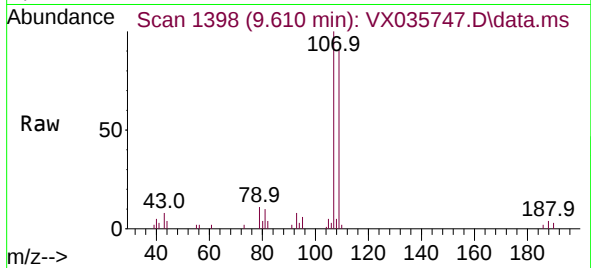
127 76.3 39.0 117.0





#61
1,2-Dibromoethane
Concen: 2.249 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX035747.D
Acq: 18 May 2023 17:09

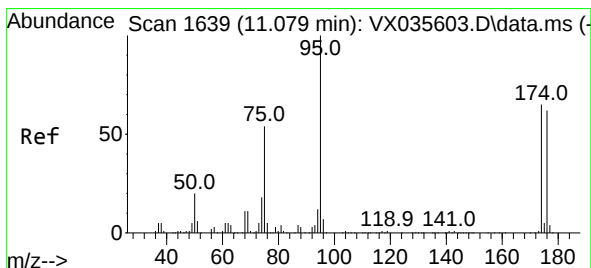
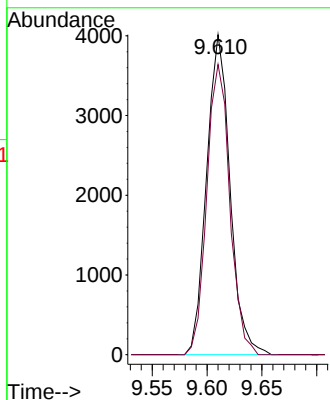
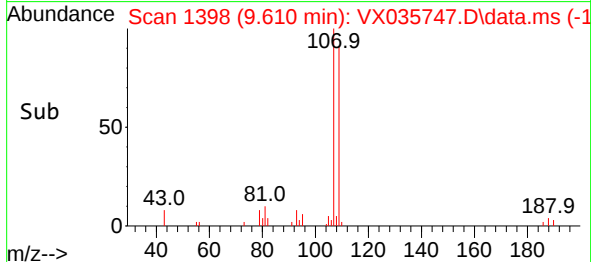
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2023



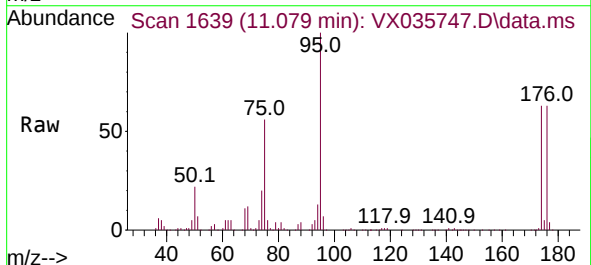
Tgt Ion: 107 Resp: 597
Ion Ratio Lower Upper
107 100
109 88.9 75.3 112.9

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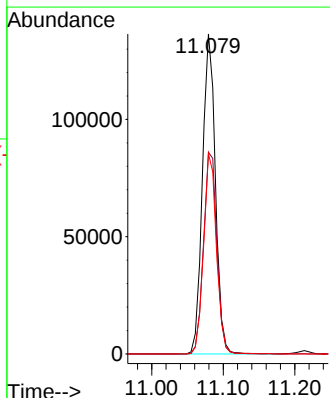
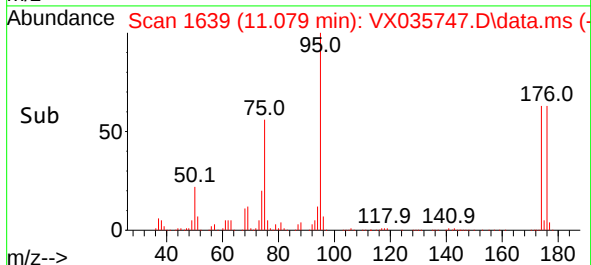
Reviewed By : John Carlone 05/19/2023
Supervised By : Mahesh Dadoda 05/19/2023

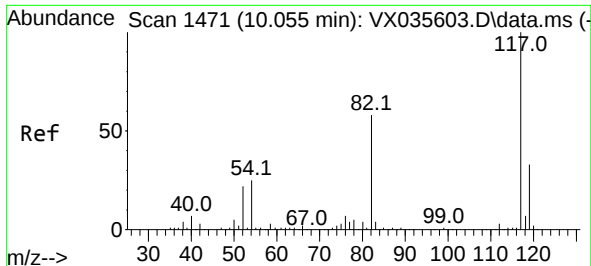


#62
4-Bromofluorobenzene
Concen: 50.187 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035747.D
Acq: 18 May 2023 17:09



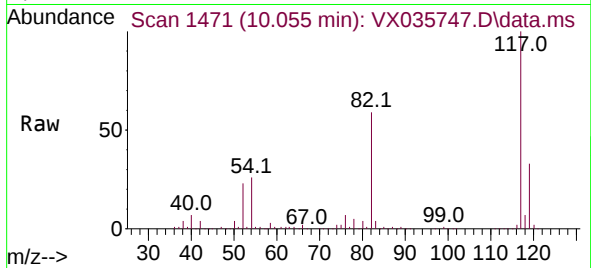
Tgt Ion: 95 Resp: 171821
Ion Ratio Lower Upper
95 100
174 65.0 0.0 147.4
176 62.1 0.0 140.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035747.D
Acq: 18 May 2023 17:09

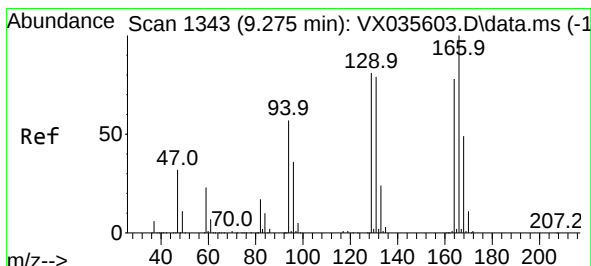
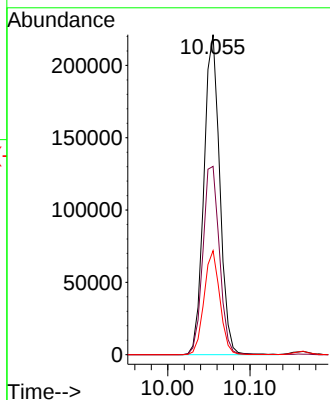
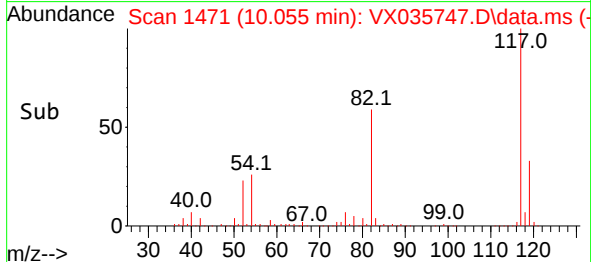
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2023



Tgt Ion:117 Resp: 295940
Ion Ratio Lower Upper
117 100
82 58.8 45.0 67.4
119 32.5 26.0 39.0

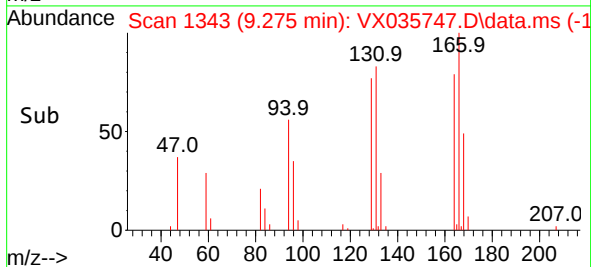
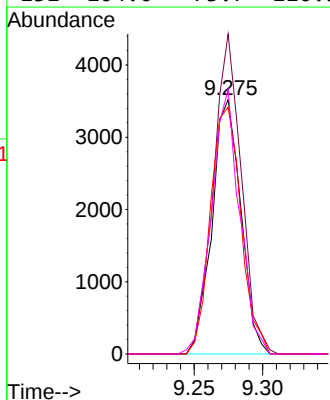
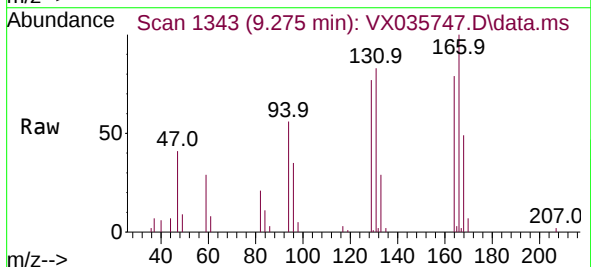
Manual Integrations
APPROVED

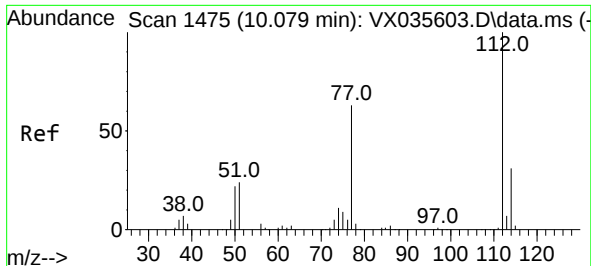
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#64
Tetrachloroethene
Concen: 2.589 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX035747.D
Acq: 18 May 2023 17:09

Tgt Ion:164 Resp: 5159
Ion Ratio Lower Upper
164 100
166 125.9 102.7 154.1
129 97.1 75.6 113.4
131 104.0 73.7 110.5





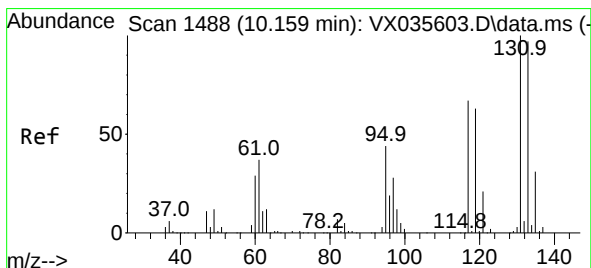
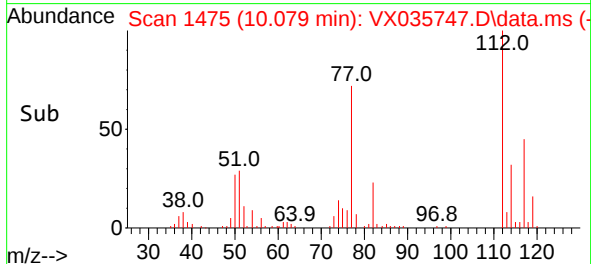
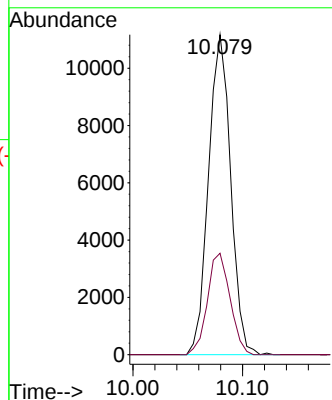
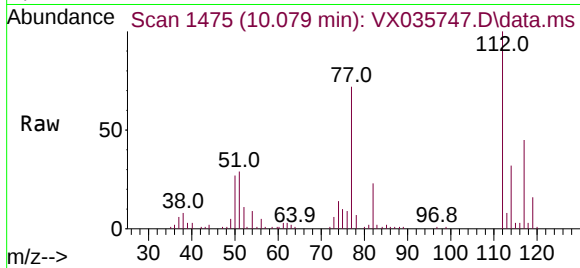
#65
Chlorobenzene
Concen: 2.427 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX035747.D
Acq: 18 May 2023 17:09

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

Tgt Ion:112 Resp: 15670
Ion Ratio Lower Upper
112 100
114 31.7 26.2 39.2

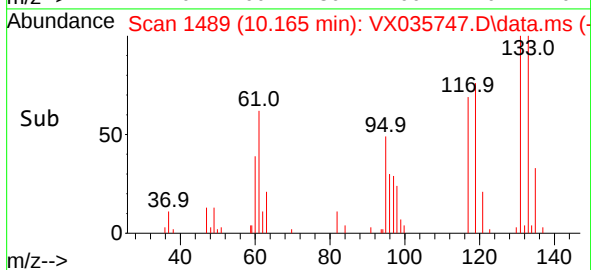
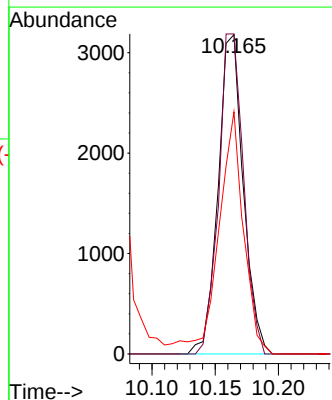
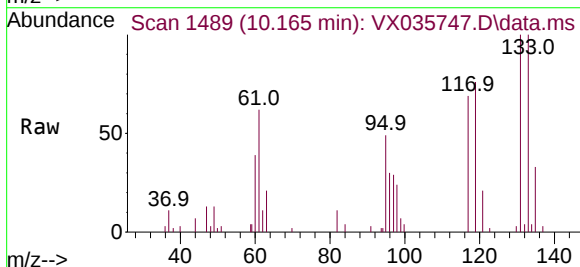
Manual Integrations
APPROVED

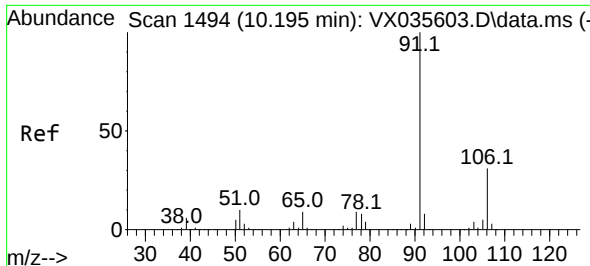
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 1.923 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX035747.D
Acq: 18 May 2023 17:09

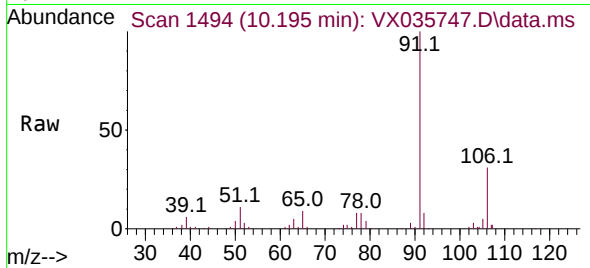
Tgt Ion:131 Resp: 4393
Ion Ratio Lower Upper
131 100
133 98.6 47.1 141.4
119 74.8 32.6 98.0





#67
Ethyl Benzene
Concen: 2.408 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX035747.D
Acq: 18 May 2023 17:09

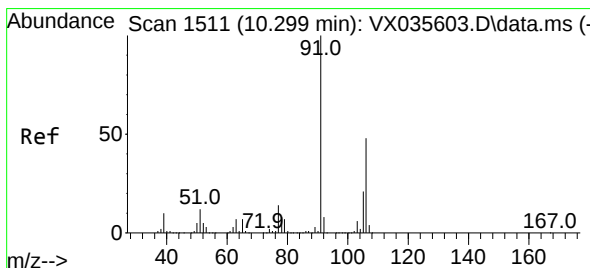
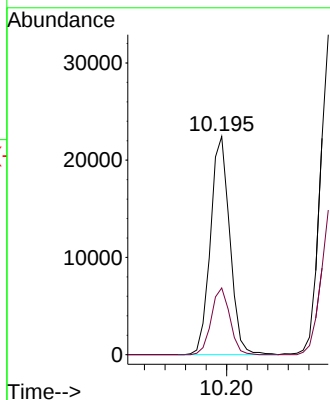
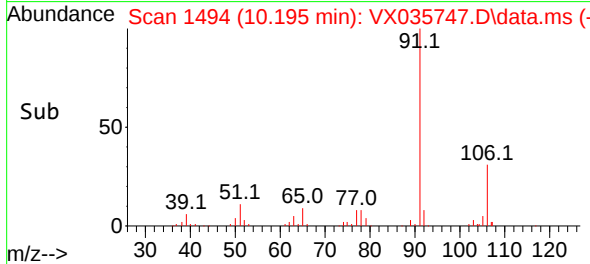
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2023



Tgt Ion: 91 Resp: 2925
Ion Ratio Lower Upper
91 100
106 30.6 25.6 38.4

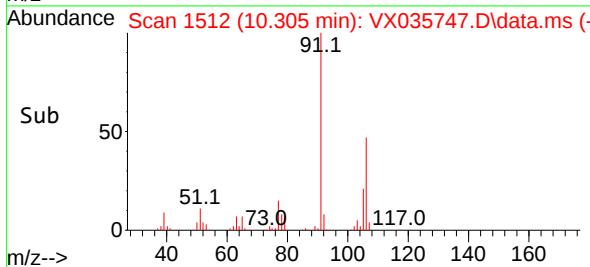
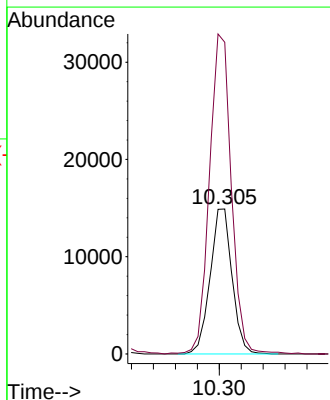
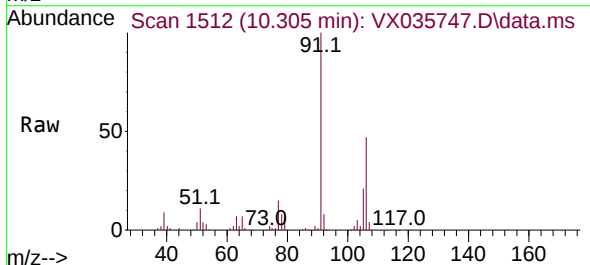
Manual Integrations
APPROVED

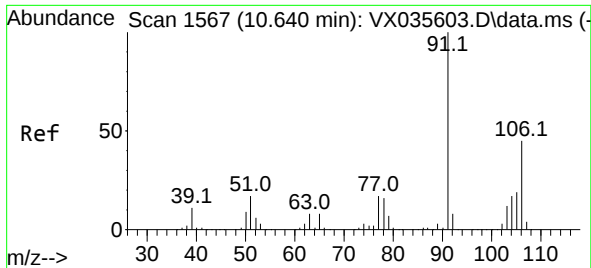
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#68
m/p-Xylenes
Concen: 4.614 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX035747.D
Acq: 18 May 2023 17:09

Tgt Ion:106 Resp: 20719
Ion Ratio Lower Upper
106 100
91 220.7 164.0 246.0





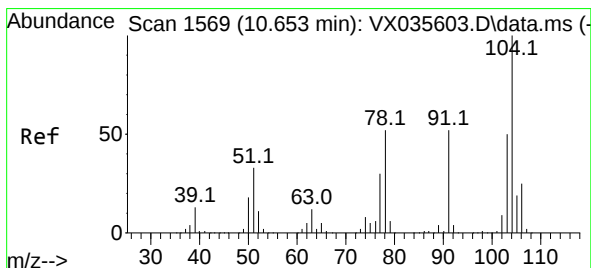
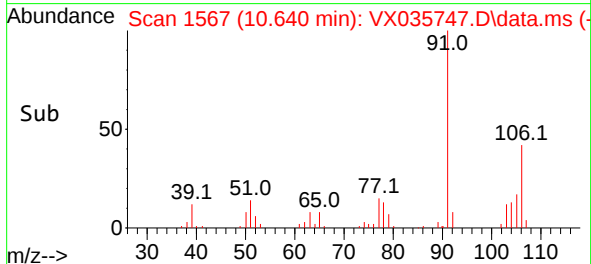
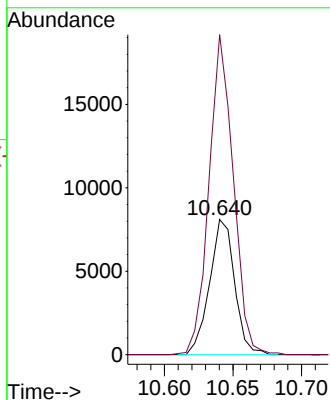
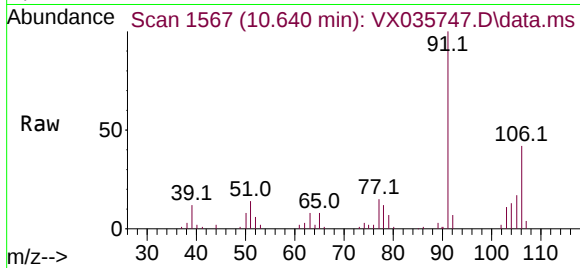
#69
o-Xylene
Concen: 2.312 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX035747.D
Acq: 18 May 2023 17:09

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

Tgt Ion:106 Resp: 1030
Ion Ratio Lower Upper
106 100
91 230.1 108.5 325.3

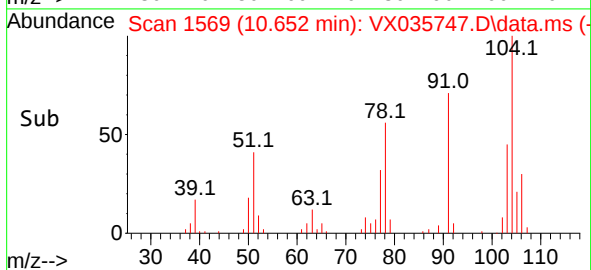
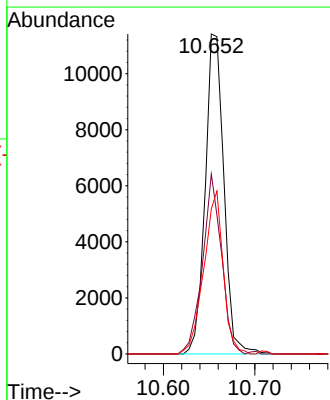
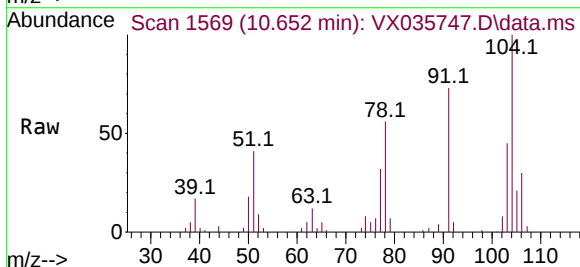
Manual Integrations
APPROVED

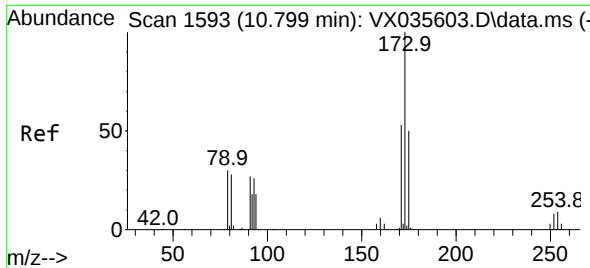
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#70
Styrene
Concen: 2.252 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.001 min
Lab File: VX035747.D
Acq: 18 May 2023 17:09

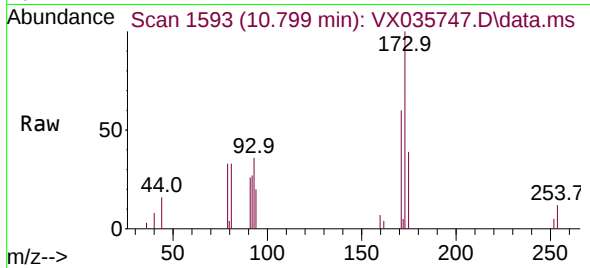
Tgt Ion:104 Resp: 16171
Ion Ratio Lower Upper
104 100
78 56.6 43.4 65.2
103 52.8 44.2 66.2





#71
Bromoform
Concen: 1.682 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX035747.D
Acq: 18 May 2023 17:09

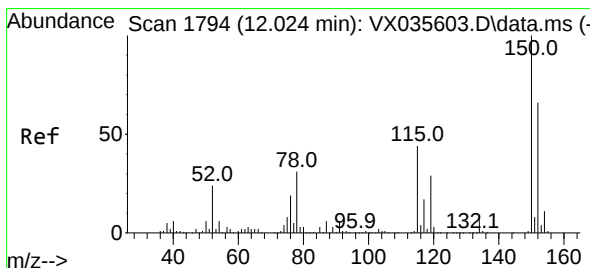
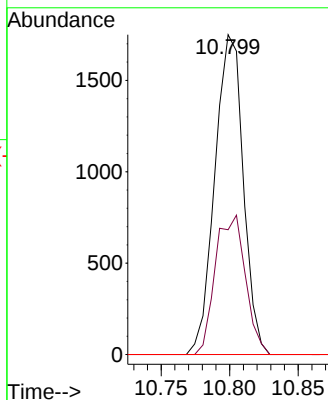
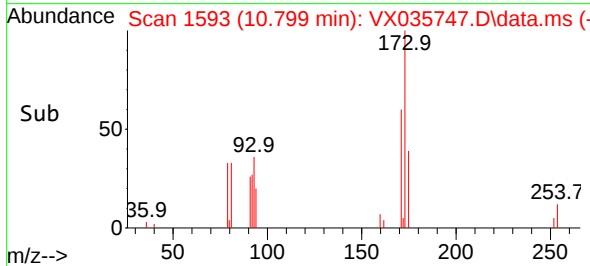
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2023



Tgt Ion:173 Resp: 2528
Ion Ratio Lower Upper
173 100
175 46.0 24.1 72.4
254 0.0 0.1 0.1

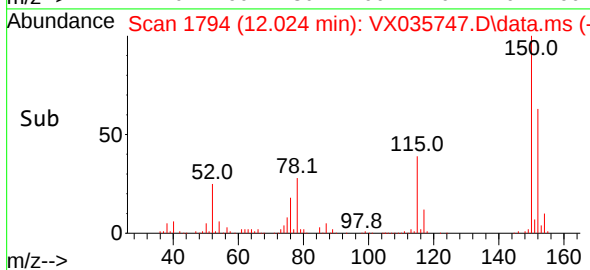
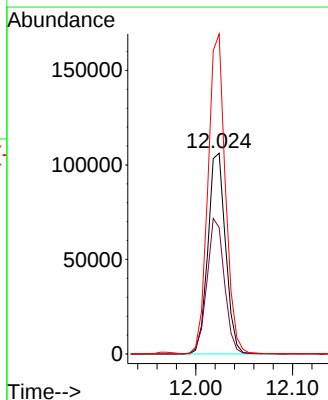
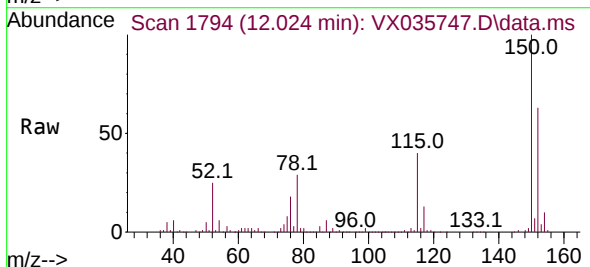
Manual Integrations
APPROVED

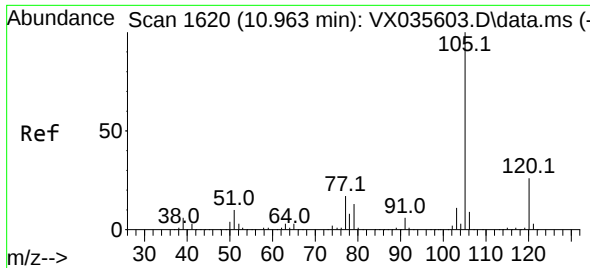
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035747.D
Acq: 18 May 2023 17:09

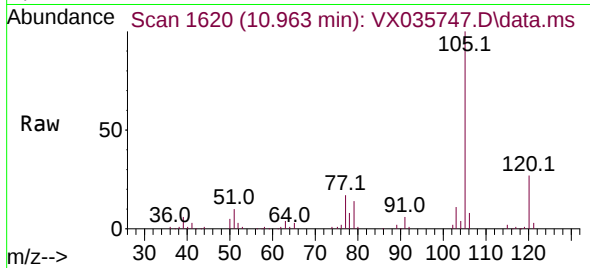
Tgt Ion:152 Resp: 134648
Ion Ratio Lower Upper
152 100
115 66.9 45.0 135.0
150 157.1 0.0 352.4





#73
Isopropylbenzene
Concen: 2.447 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX035747.D
Acq: 18 May 2023 17:09

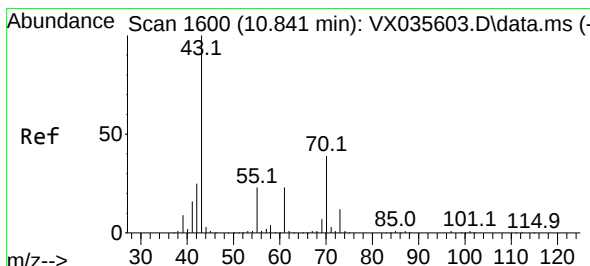
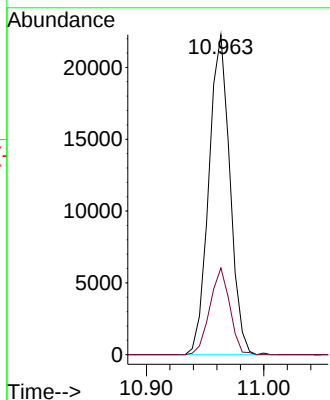
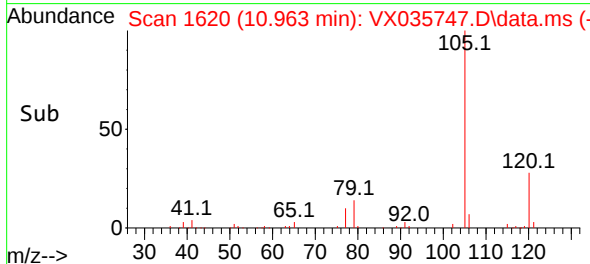
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2023



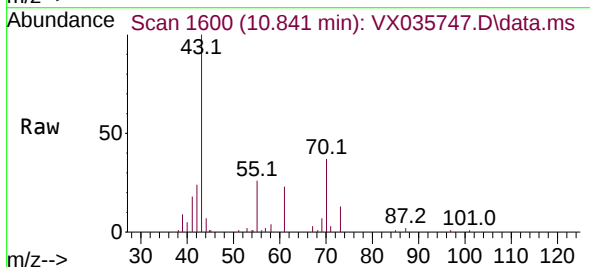
Tgt Ion:105 Resp: 27768
Ion Ratio Lower Upper
105 100
120 25.6 13.3 39.9

Manual Integrations
APPROVED

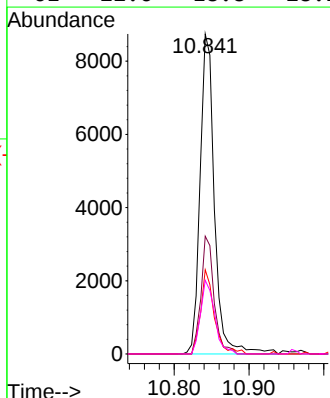
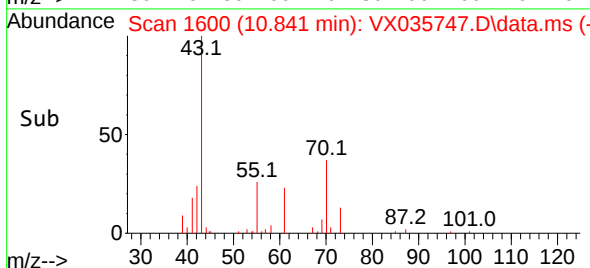
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023

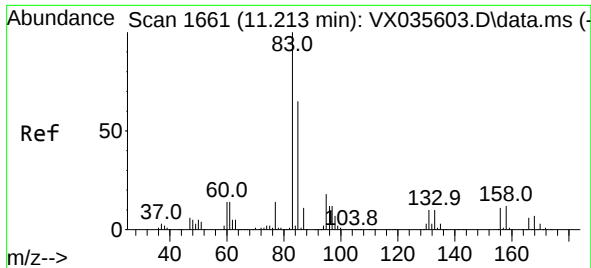


#74
N-ethyl acetate
Concen: 2.211 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX035747.D
Acq: 18 May 2023 17:09



Tgt Ion: 43 Resp: 11696
Ion Ratio Lower Upper
43 100
70 33.5 32.1 48.1
55 24.6 18.3 27.5
61 22.6 18.8 28.2





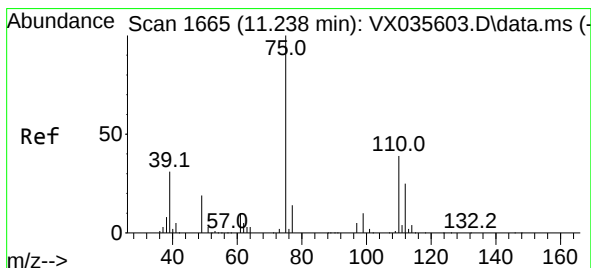
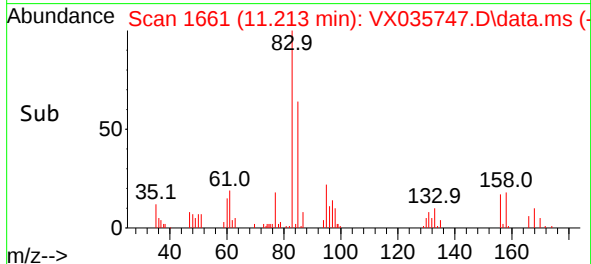
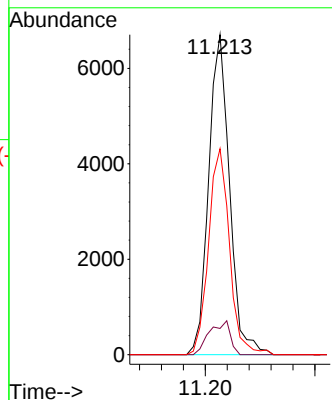
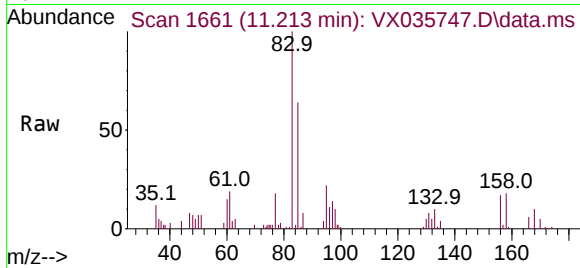
#75
1,1,2,2-Tetrachloroethane
Concen: 2.406 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX035747.D
Acq: 18 May 2023 17:09

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

Tgt Ion: 83 Resp: 885
Ion Ratio Lower Upper
83 100
131 10.5 4.8 14.3
85 64.5 32.0 96.0

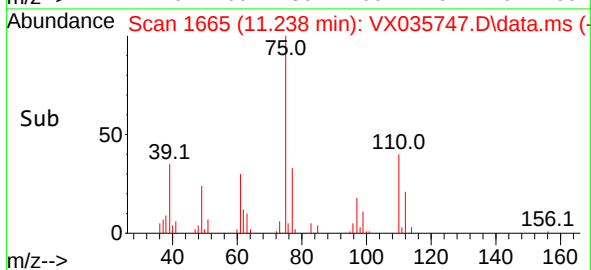
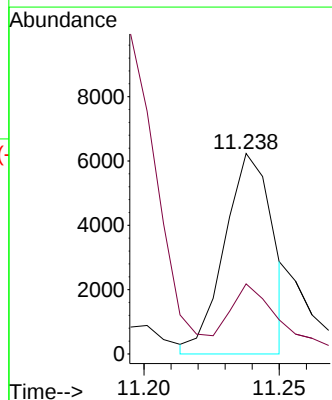
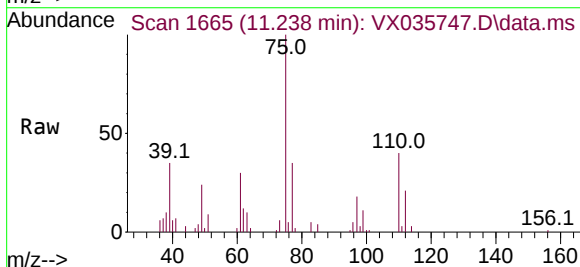
Manual Integrations
APPROVED

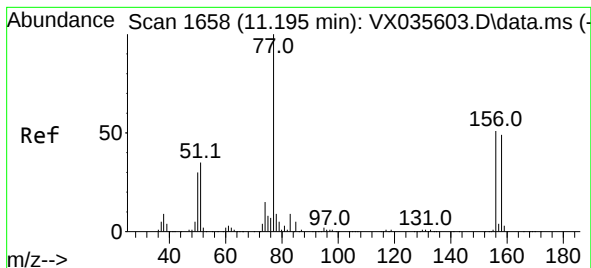
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#76
1,2,3-Trichloropropane
Concen: 2.344 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX035747.D
Acq: 18 May 2023 17:09

Tgt Ion: 75 Resp: 7720
Ion Ratio Lower Upper
75 100
77 37.2 21.6 64.8





#77

Bromobenzene

Concen: 2.457 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX035747.D

Acq: 18 May 2023 17:09

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2023

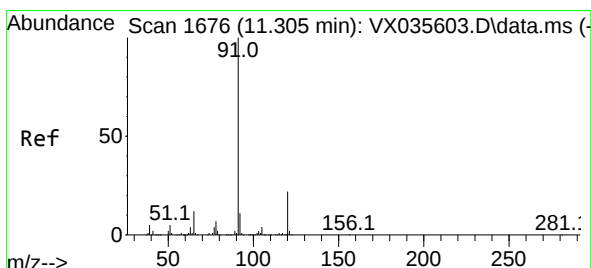
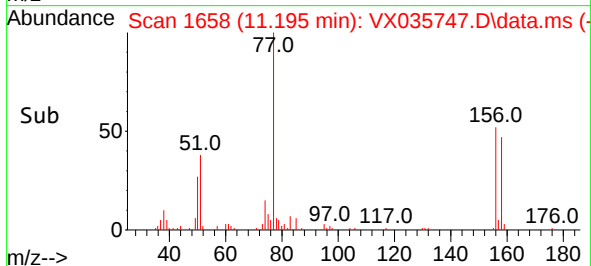
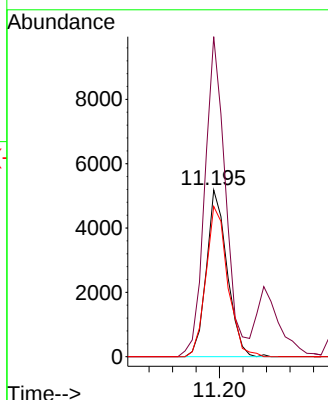
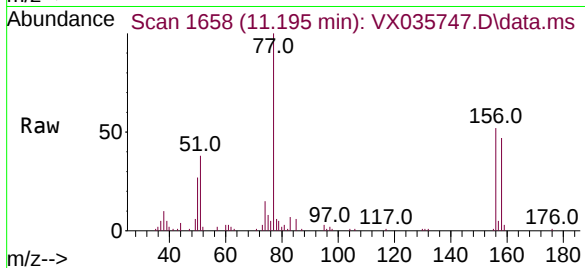
Tgt Ion:	156	Resp:	632
Ion Ratio	Lower	Upper	
156	100		
77	193.0	86.7	259.9
158	95.0	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#78

n-propylbenzene

Concen: 2.401 ug/l

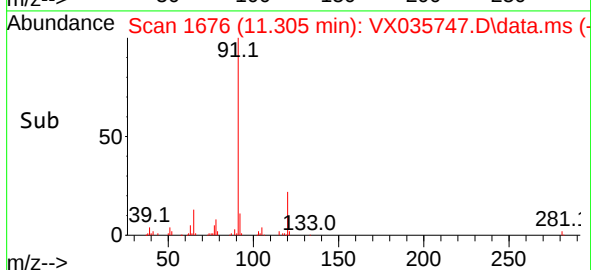
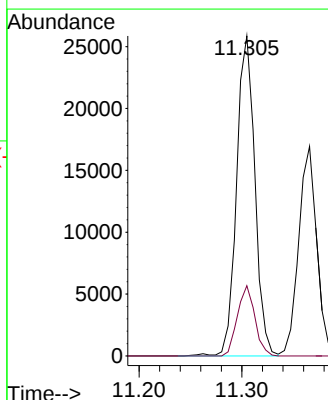
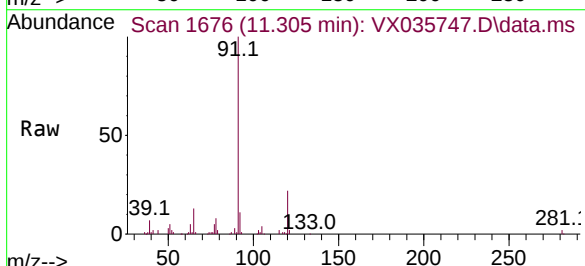
RT: 11.305 min Scan# 1676

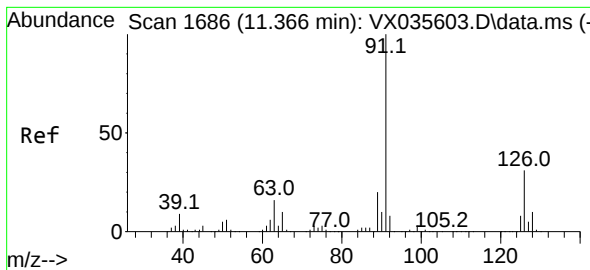
Delta R.T. -0.000 min

Lab File: VX035747.D

Acq: 18 May 2023 17:09

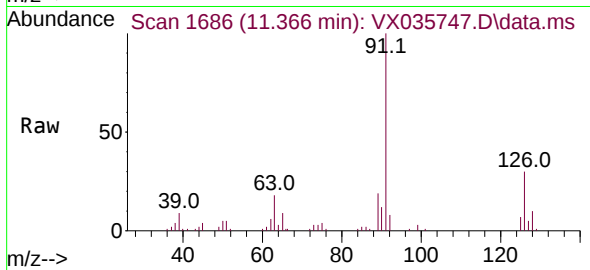
Tgt Ion:	91	Resp:	32025
Ion Ratio	Lower	Upper	
91	100		
120	21.0	11.5	34.5





#79
2-Chlorotoluene
Concen: 2.487 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX035747.D
Acq: 18 May 2023 17:09

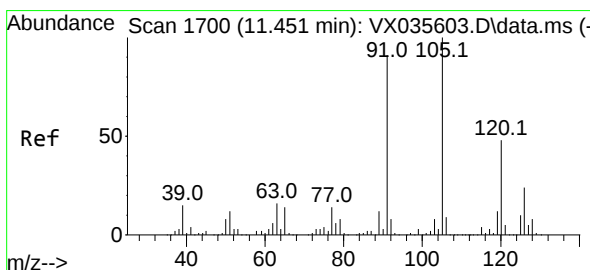
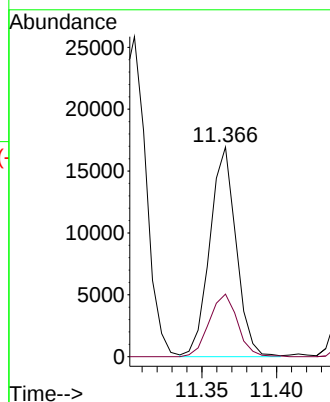
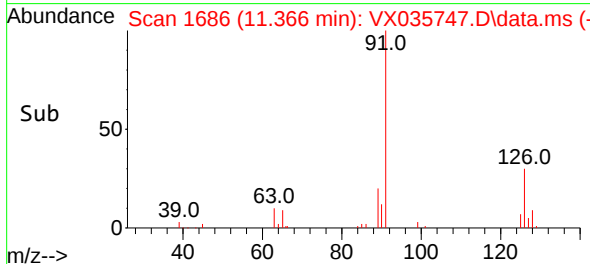
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2023



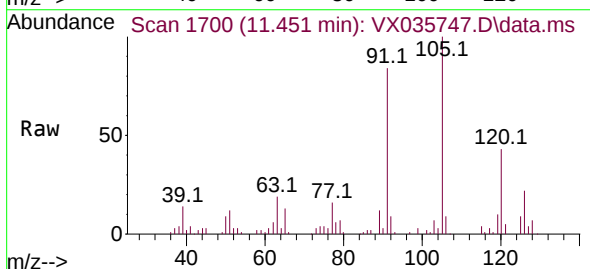
Tgt Ion: 91 Resp: 20760
Ion Ratio Lower Upper
91 100
126 32.1 16.3 48.9

Manual Integrations
APPROVED

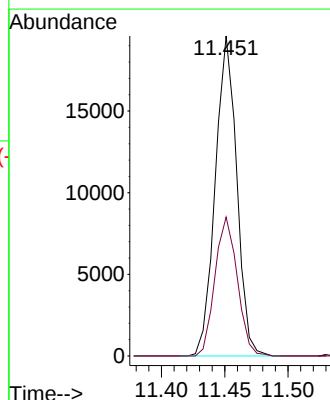
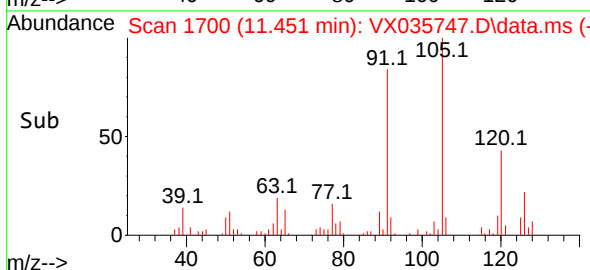
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023

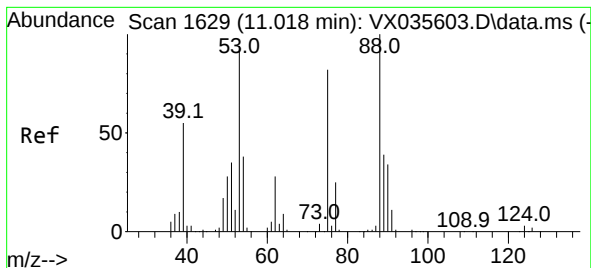


#80
1,3,5-Trimethylbenzene
Concen: 2.394 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035747.D
Acq: 18 May 2023 17:09



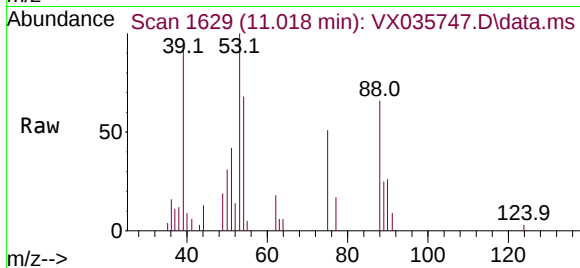
Tgt Ion:105 Resp: 23088
Ion Ratio Lower Upper
105 100
120 45.1 23.7 71.1





#81
trans-1,4-Dichloro-2-butene
Concen: 1.355 ug/l m
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX035747.D
Acq: 18 May 2023 17:09

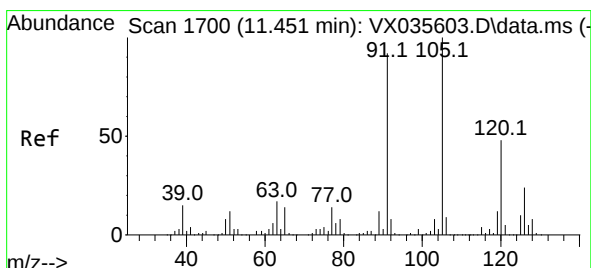
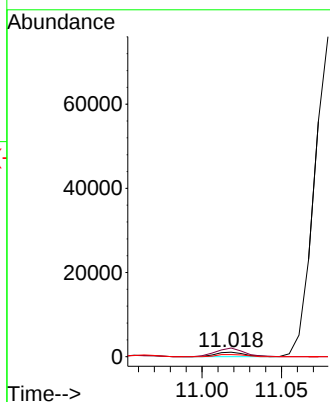
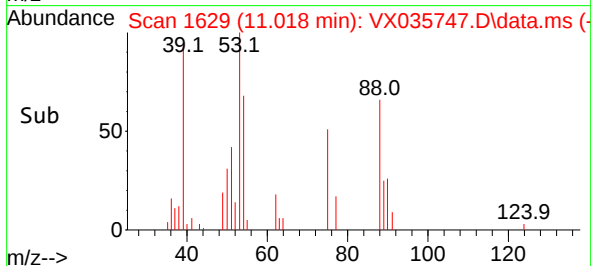
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2023



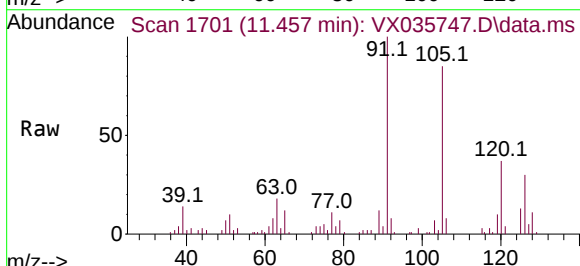
Tgt Ion: 75 Resp: 1385
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0
89 0.0 36.9 55.3

Manual Integrations
APPROVED

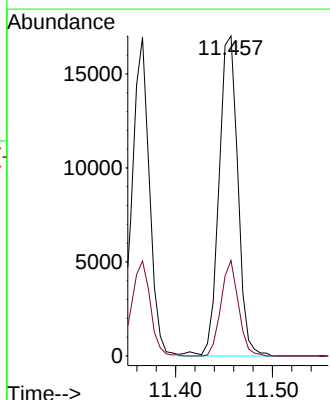
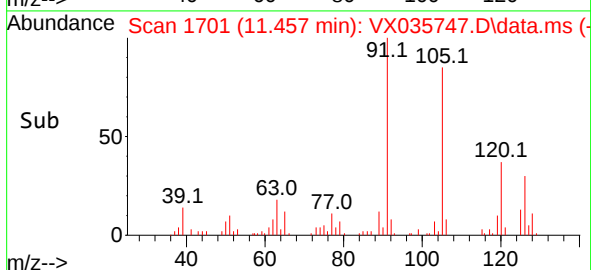
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023

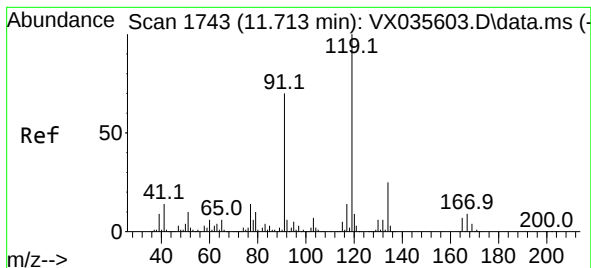


#82
4-Chlorotoluene
Concen: 2.389 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX035747.D
Acq: 18 May 2023 17:09



Tgt Ion: 91 Resp: 22979
Ion Ratio Lower Upper
91 100
126 27.6 14.2 42.6





#83

tert-Butylbenzene

Concen: 2.299 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX035747.D

Acq: 18 May 2023 17:09

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2023

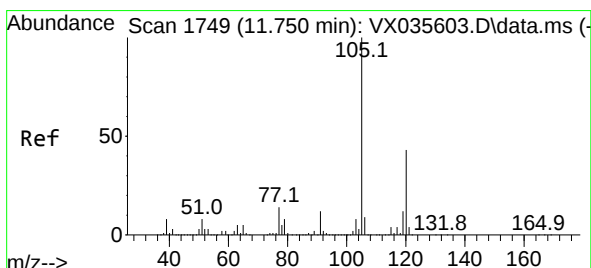
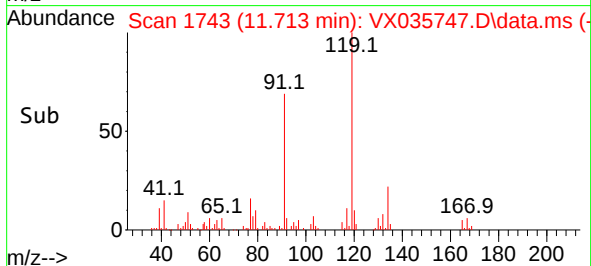
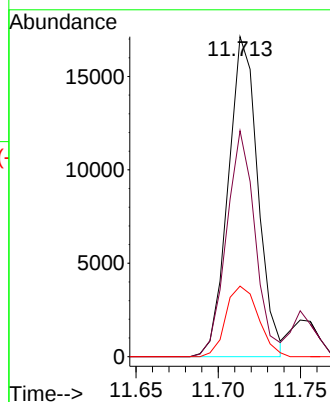
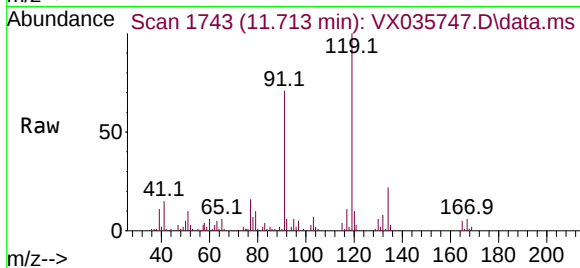
Tgt Ion:	119	Resp:	2155
Ion Ratio	Lower	Upper	
119	100		
91	68.3	30.6	92.0
134	24.1	11.8	35.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#84

1,2,4-Trimethylbenzene

Concen: 2.293 ug/l

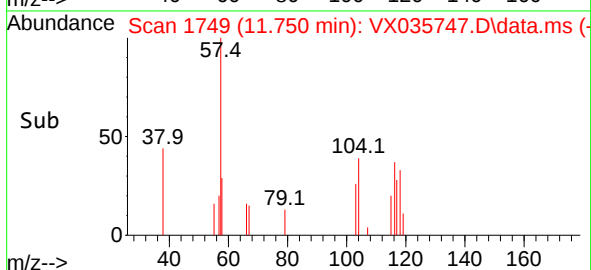
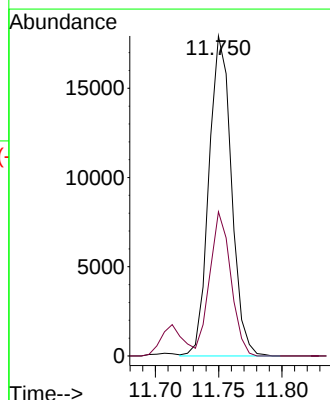
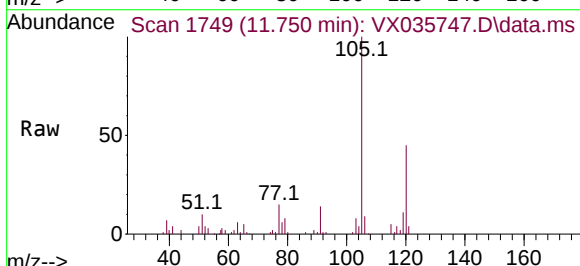
RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX035747.D

Acq: 18 May 2023 17:09

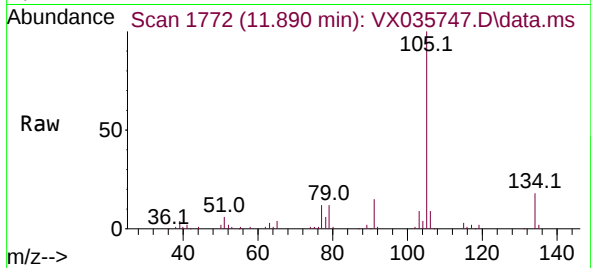
Tgt Ion:	105	Resp:	22199
Ion Ratio	Lower	Upper	
105	100		
120	42.2	22.4	67.0





#85
 sec-Butylbenzene
 Concen: 2.342 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX035747.D
 Acq: 18 May 2023 17:09

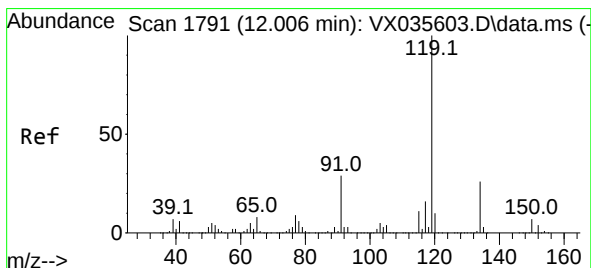
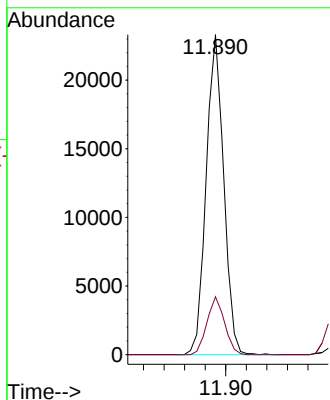
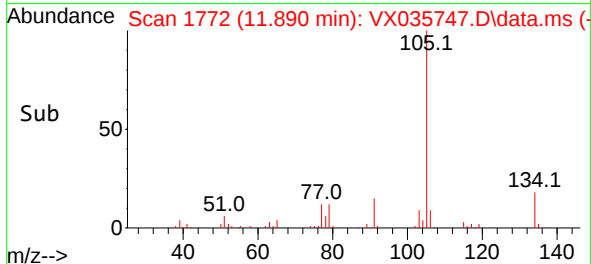
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT2-2023



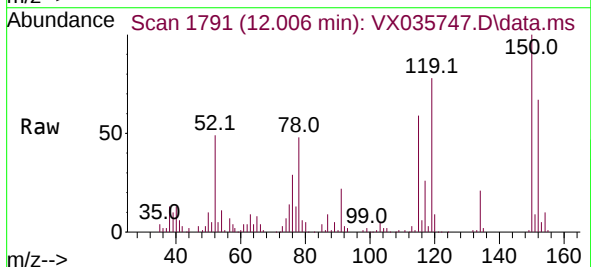
Tgt Ion:105 Resp: 27564
 Ion Ratio Lower Upper
 105 100
 134 18.2 10.2 30.4

Manual Integrations
 APPROVED

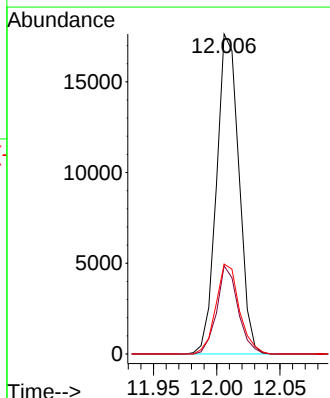
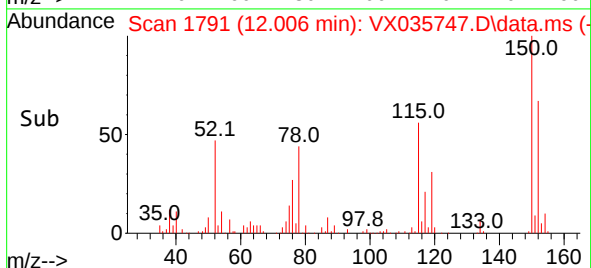
Reviewed By :John Carlone 05/19/2023
 Supervised By :Mahesh Dadoda 05/19/2023

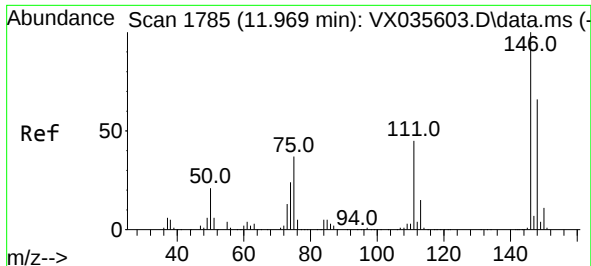


#86
 p-Isopropyltoluene
 Concen: 2.237 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX035747.D
 Acq: 18 May 2023 17:09



Tgt Ion:119 Resp: 21645
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.2 39.5
 91 29.4 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 2.369 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX035747.D

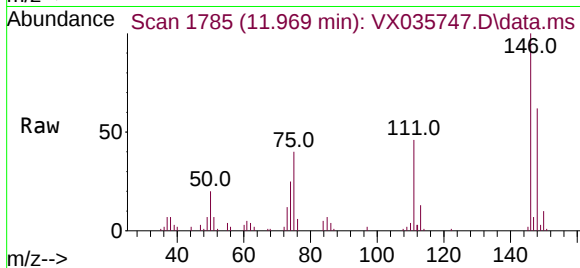
Acq: 18 May 2023 17:09

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2023



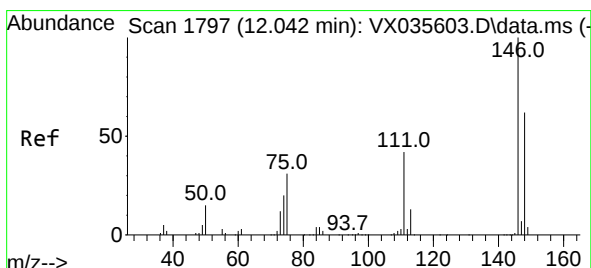
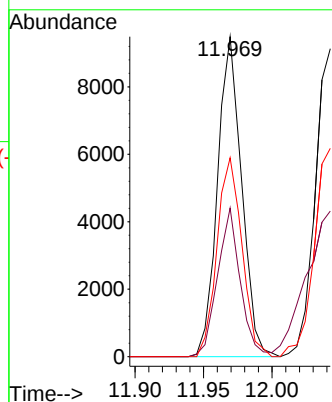
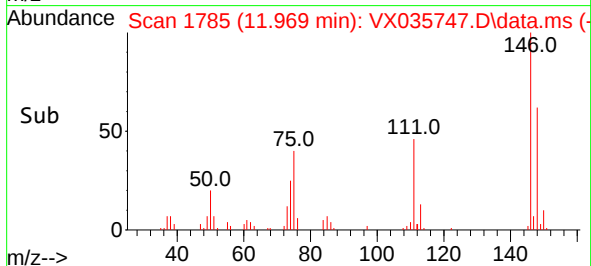
Tgt Ion:146	Resp:	1159
Ion Ratio	Lower	Upper
146	100	
111	43.9	20.9 62.8
148	64.3	31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#88

1,4-Dichlorobenzene

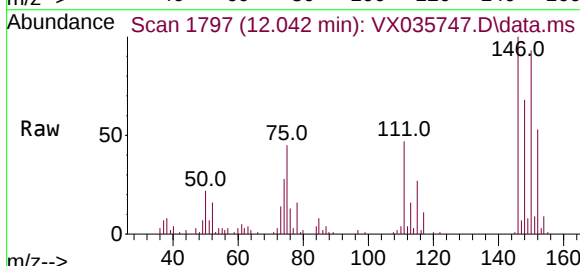
Concen: 2.391 ug/l m

RT: 12.042 min Scan# 1797

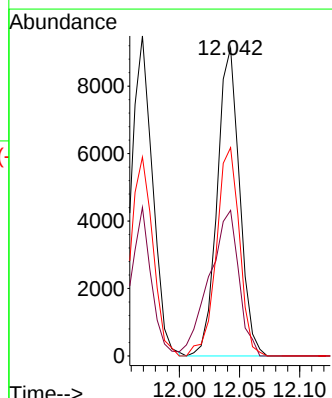
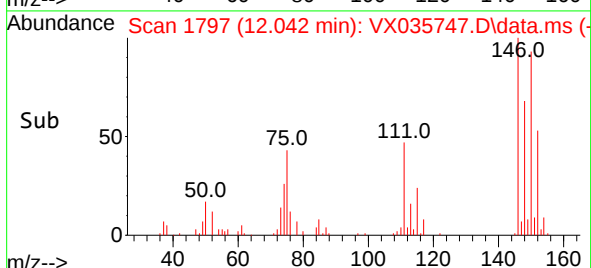
Delta R.T. 0.000 min

Lab File: VX035747.D

Acq: 18 May 2023 17:09



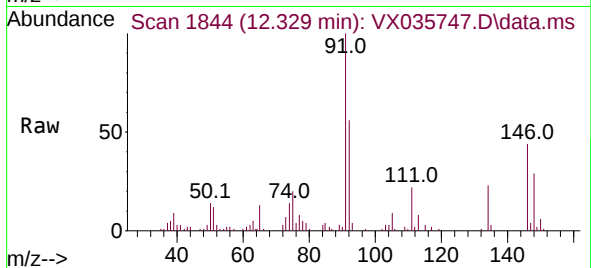
Tgt Ion:146	Resp:	11813
Ion Ratio	Lower	Upper
146	100	
111	43.1	20.6 61.9
148	63.1	31.8 95.4





#89
n-Butylbenzene
Concen: 2.125 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX035747.D
Acq: 18 May 2023 17:09

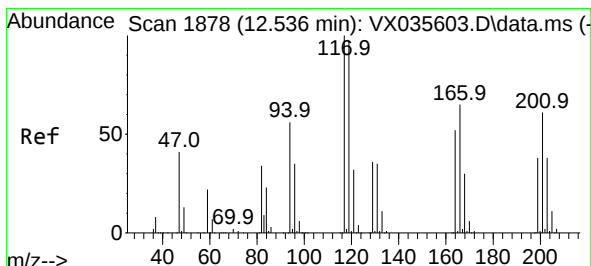
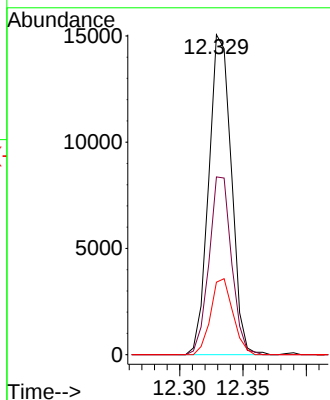
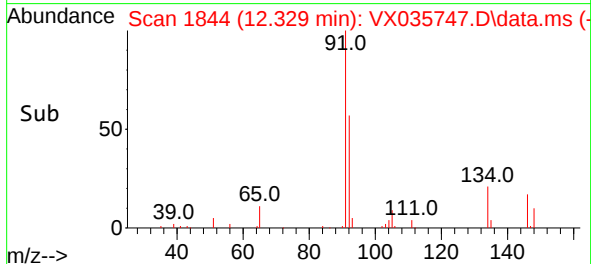
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2023



Tgt Ion: 91 Resp: 18700
Ion Ratio Lower Upper
91 100
92 55.4 27.7 83.0
134 23.4 13.0 38.9

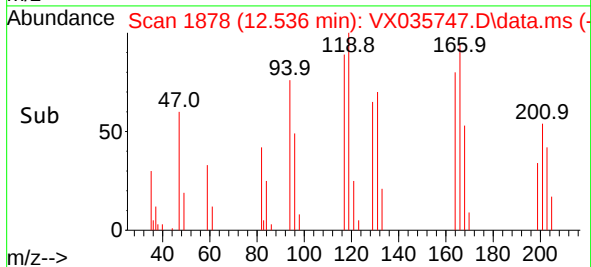
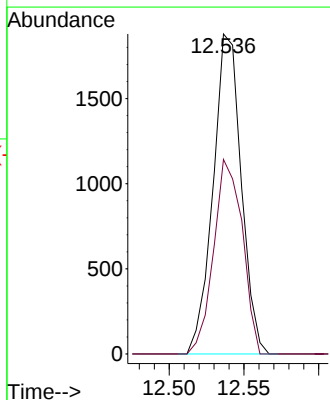
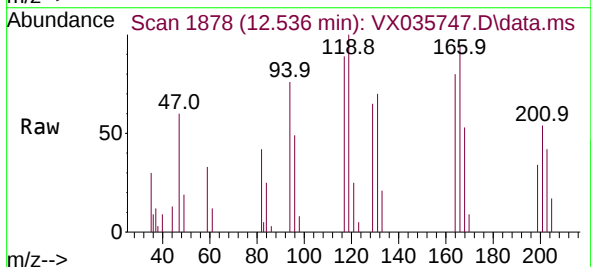
Manual Integrations
APPROVED

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



#90
Hexachloroethane
Concen: 1.677 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX035747.D
Acq: 18 May 2023 17:09

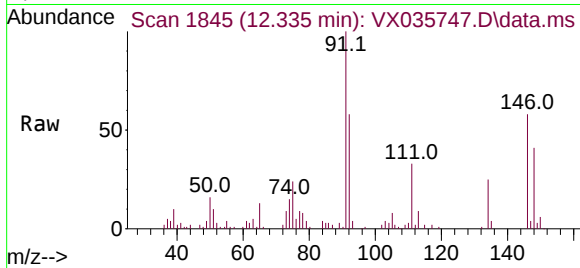
Tgt Ion:117 Resp: 2460
Ion Ratio Lower Upper
117 100
201 61.8 34.4 103.1





#91
1,2-Dichlorobenzene
Concen: 2.297 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035747.D
Acq: 18 May 2023 17:09

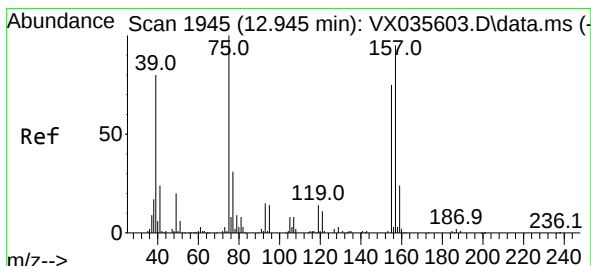
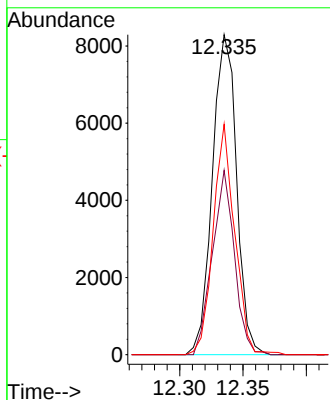
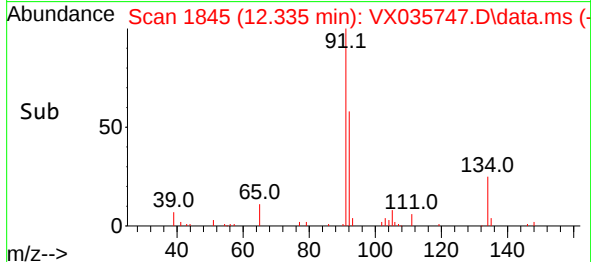
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2023



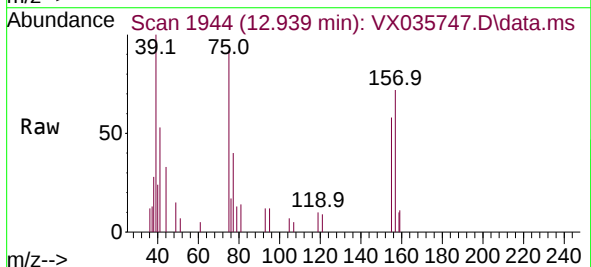
Tgt Ion:146 Resp: 1100
Ion Ratio Lower Upper
146 100
111 52.6 22.0 66.0
148 64.3 32.0 96.0

Manual Integrations
APPROVED

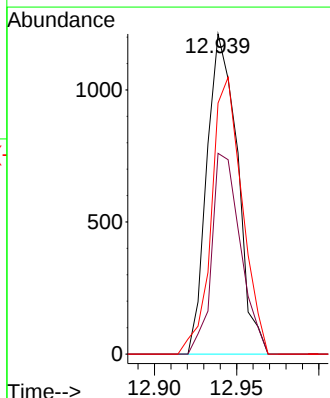
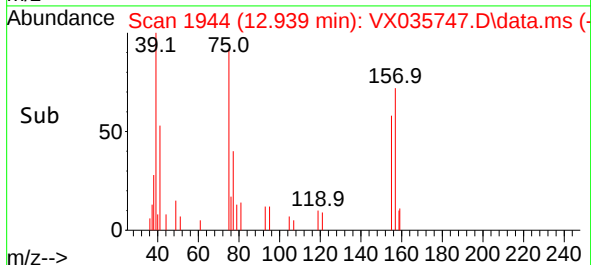
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023

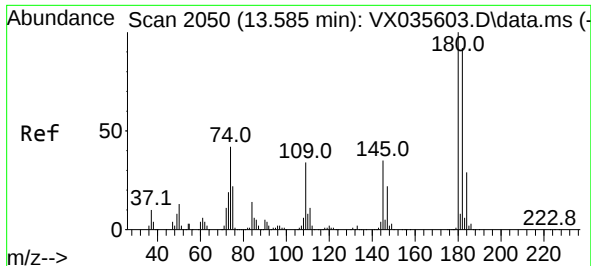


#92
1,2-Dibromo-3-Chloropropane
Concen: 1.907 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX035747.D
Acq: 18 May 2023 17:09



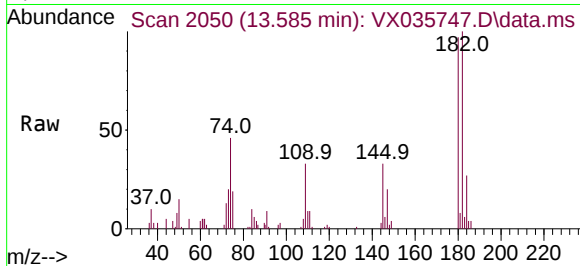
Tgt Ion: 75 Resp: 1563
Ion Ratio Lower Upper
75 100
155 59.2 38.4 115.1
157 86.9 49.9 149.7





#93
1,2,4-Trichlorobenzene
Concen: 2.309 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX035747.D
Acq: 18 May 2023 17:09

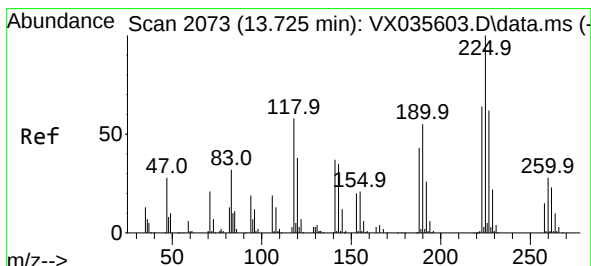
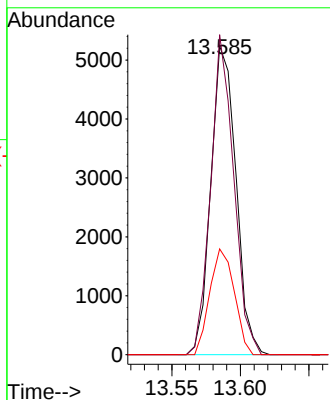
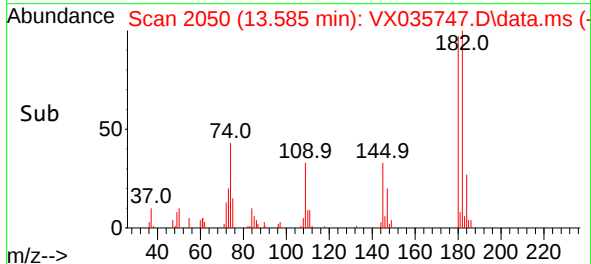
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2023



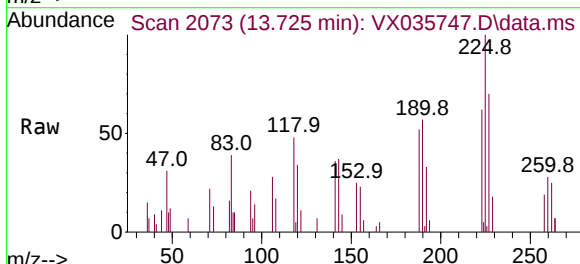
Tgt Ion:180 Resp: 666
Ion Ratio Lower Upper
180 100
182 95.2 47.0 141.0
145 33.5 15.9 47.7

Manual Integrations
APPROVED

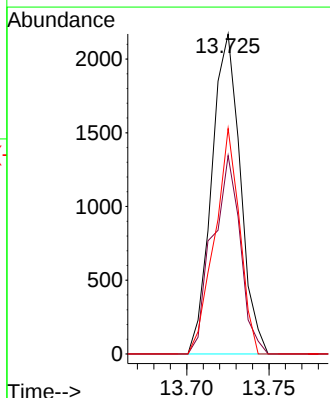
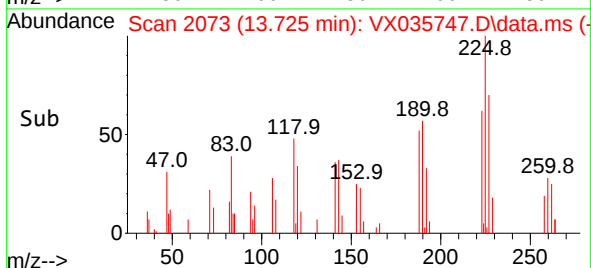
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023

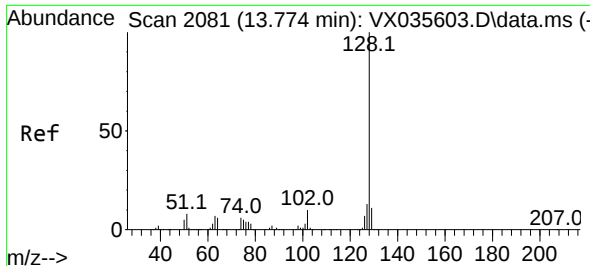


#94
Hexachlorobutadiene
Concen: 2.294 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX035747.D
Acq: 18 May 2023 17:09



Tgt Ion:225 Resp: 2626
Ion Ratio Lower Upper
225 100
223 60.1 32.1 96.5
227 61.7 31.8 95.4





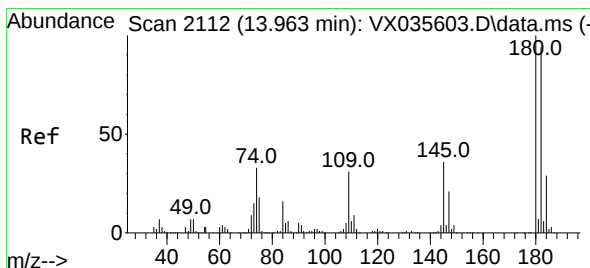
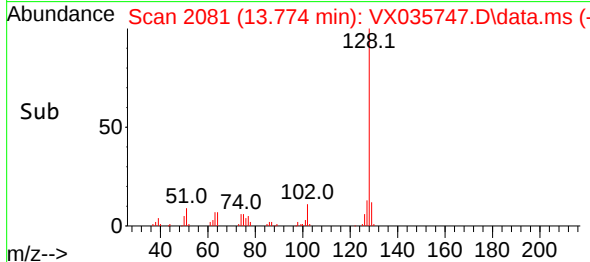
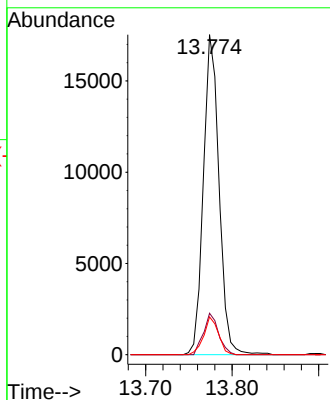
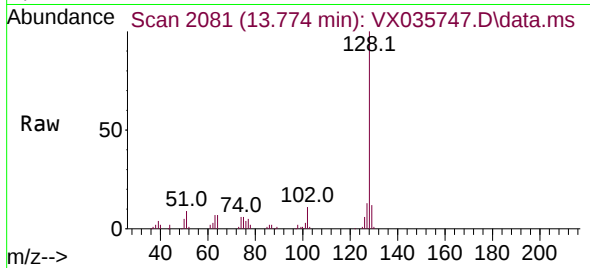
#95
Naphthalene
Concen: 2.228 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX035747.D
Acq: 18 May 2023 17:09

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

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.2	15.4
129	11.1	8.6	13.0

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 2.202 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX035747.D
Acq: 18 May 2023 17:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	48.0	144.2
145	39.0	17.7	53.1

