

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111821\
 Data File : VX025207.D
 Acq On : 18 Nov 2021 12:27
 Operator : JC/MD
 Sample : M4068-09 2.5PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT4-2021

Quant Time: Nov 19 08:10:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/19/2021
 Supervised By : Mahesh Dadoda 11/26/2021

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	109005	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	170641	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	155007	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	72823	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	63537	55.298	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 110.600%			
35) Dibromofluoromethane	5.391	113	56295	53.768	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.540%			
50) Toluene-d8	8.653	98	202215	51.368	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.740%			
62) 4-Bromofluorobenzene	11.085	95	73268	49.198	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.400%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	1958	2.072	ug/l	100
3) Chloromethane	1.294	50	2409	2.059	ug/l	100
4) Vinyl Chloride	1.374	62	2784	2.167	ug/l	99
5) Bromomethane	1.599	94	2270	4.110	ug/l	98
6) Chloroethane	1.678	64	2311	2.607	ug/l	96
7) Trichlorofluoromethane	1.886	101	4408	2.312	ug/l	91
8) Diethyl Ether	2.136	74	1975	2.510	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.325	101	2328	2.295	ug/l	96
10) Methyl Iodide	2.453	142	2514	1.982	ug/l #	90
11) Tert butyl alcohol	2.965	59	5926	12.351	ug/l #	90
12) 1,1-Dichloroethene	2.319	96	2290	2.267	ug/l	95
13) Acrolein	2.233	56	819	15.559	ug/l	84
14) Allyl chloride	2.660	41	4590	2.510	ug/l	95
15) Acrylonitrile	3.068	53	7686	12.466	ug/l	99
16) Acetone	2.380	43	8297	12.996	ug/l	97
17) Carbon Disulfide	2.508	76	6055	2.130	ug/l	99
18) Methyl Acetate	2.709	43	5435	2.664	ug/l	97
19) Methyl tert-butyl Ether	3.123	73	8713	2.475	ug/l	98
20) Methylene Chloride	2.788	84	3034	2.528	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	2646	2.391	ug/l	82
22) Diisopropyl ether	3.763	45	8420	2.418	ug/l	89
23) Vinyl Acetate	3.727	43	32598	11.654	ug/l	96
24) 1,1-Dichloroethane	3.611	63	4366	2.295	ug/l #	93
25) 2-Butanone	4.562	43	11465	12.421	ug/l	99
26) 2,2-Dichloropropane	4.477	77	3919	2.272	ug/l	92
27) cis-1,2-Dichloroethene	4.489	96	3209	2.483	ug/l	91
28) Bromochloromethane	4.903	49	2205	2.485	ug/l #	87
29) Tetrahydrofuran	5.013	42	7263	12.708	ug/l	99
30) Chloroform	5.099	83	4850	2.449	ug/l	92
31) Cyclohexane	5.470	56	3754	2.114	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	4295	2.369	ug/l	97
36) 1,1-Dichloropropene	5.702	75	3292	2.211	ug/l	97
37) Ethyl Acetate	4.721	43	4557	2.690	ug/l	99
38) Carbon Tetrachloride	5.678	117	3941	2.403	ug/l	89
39) Methylcyclohexane	7.385	83	4280	2.241	ug/l	92
40) Benzene	6.037	78	10480	2.324	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	2293	2.439	ug/l	95
42) 1,2-Dichloroethane	6.092	62	3578	2.438	ug/l	88
43) Isopropyl Acetate	6.348	43	6998	2.482	ug/l	99
44) Trichloroethene	7.135	130	3284	2.507	ug/l	78
45) 1,2-Dichloropropane	7.434	63	2758	2.490	ug/l	95
46) Dibromomethane	7.586	93	2027	2.521	ug/l	93
47) Bromodichloromethane	7.824	83	3853	2.438	ug/l	93
48) Methyl methacrylate	7.696	41	3267	2.469	ug/l	98
49) 1,4-Dioxane	7.665	88	1396	49.967	ug/l #	93
51) 4-Methyl-2-Pentanone	8.580	43	21299	12.049	ug/l	100
52) Toluene	8.720	92	6880	2.337	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	3907	2.223	ug/l	92
54) cis-1,3-Dichloropropene	8.366	75	4402	2.311	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	2836	2.423	ug/l	99
56) Ethyl methacrylate	9.122	69	4352	2.292	ug/l	98
57) 1,3-Dichloropropane	9.311	76	4629	2.387	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	10660	12.065	ug/l	95
59) 2-Hexanone	9.433	43	15821	11.353	ug/l	96
60) Dibromochloromethane	9.525	129	3058	2.270	ug/l	98
61) 1,2-Dibromoethane	9.610	107	3014	2.378	ug/l	99
64) Tetrachloroethene	9.275	164	3154	2.468	ug/l	90
65) Chlorobenzene	10.079	112	7463	2.363	ug/l	93
66) 1,1,1,2-Tetrachloroethane	10.165	131	2927	2.416	ug/l	98
67) Ethyl Benzene	10.195	91	12403	2.272	ug/l	99
68) m/p-Xylenes	10.305	106	10241	4.593	ug/l	92
69) o-Xylene	10.646	106	5011	2.296	ug/l	91
70) Styrene	10.659	104	7972	2.211	ug/l	97
71) Bromoform	10.805	173	2284	2.172	ug/l #	99
73) Isopropylbenzene	10.963	105	12723	2.451	ug/l	100
74) N-amyl acetate	10.848	43	5246	2.337	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	4244	2.528	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	3807m	2.553	ug/l	
77) Bromobenzene	11.201	156	3336	2.499	ug/l	92
78) n-propylbenzene	11.305	91	13268	2.277	ug/l	95
79) 2-Chlorotoluene	11.366	91	8863	2.499	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	10479	2.402	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.024	75	1221	2.063	ug/l	95
82) 4-Chlorotoluene	11.457	91	9599	2.371	ug/l	95
83) tert-Butylbenzene	11.719	119	10475	2.363	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	10237	2.374	ug/l	96
85) sec-Butylbenzene	11.896	105	12375	2.296	ug/l	97
86) p-Isopropyltoluene	12.012	119	10462	2.259	ug/l	98
87) 1,3-Dichlorobenzene	11.975	146	5889	2.370	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	6013	2.388	ug/l	88
89) n-Butylbenzene	12.335	91	8072	2.068	ug/l	97
90) Hexachloroethane	12.542	117	1804	2.114	ug/l	95
91) 1,2-Dichlorobenzene	12.341	146	5881	2.429	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	851	2.427	ug/l	83
93) 1,2,4-Trichlorobenzene	13.591	180	3066	2.151	ug/l	95
94) Hexachlorobutadiene	13.725	225	1503	2.196	ug/l	97
95) Naphthalene	13.780	128	8249	1.314	ug/l	99
96) 1,2,3-Trichlorobenzene	13.969	180	2882	2.067	ug/l	96

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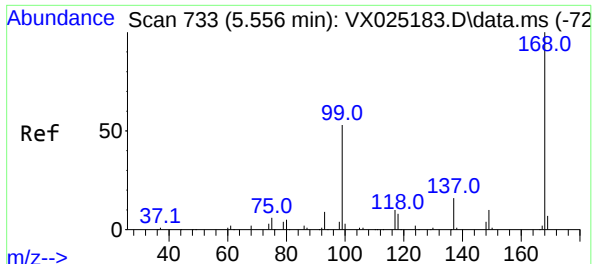
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2021

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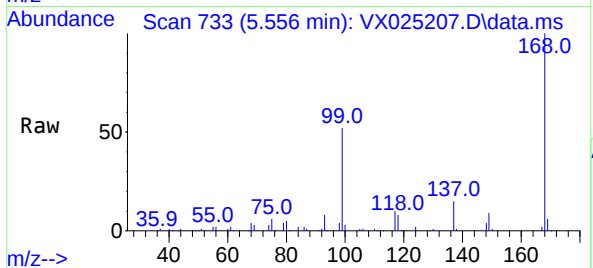
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025207.D
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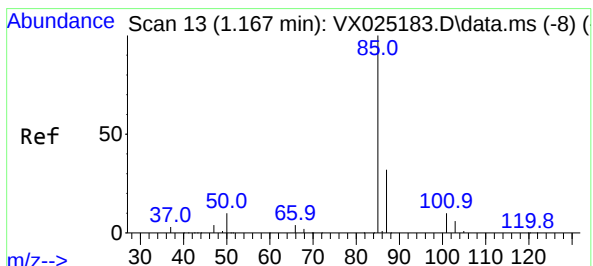
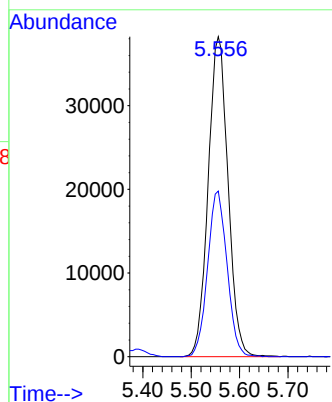
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2021



Tgt Ion:168 Resp: 10900
Ion Ratio Lower Upper
168 100
99 51.7 46.4 69.6

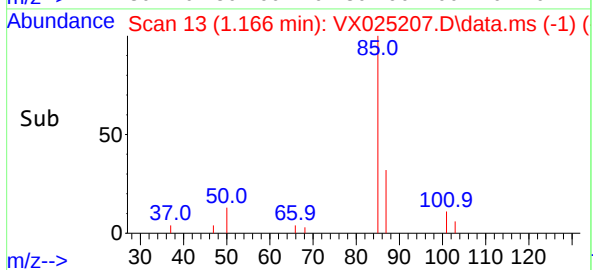
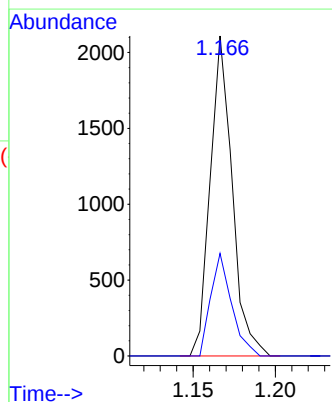
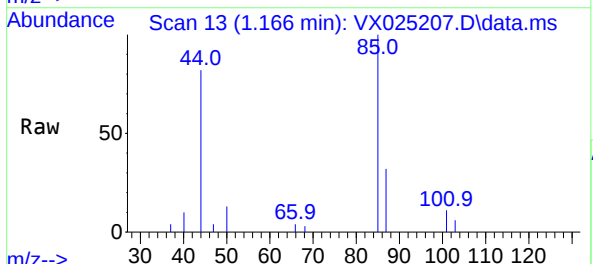
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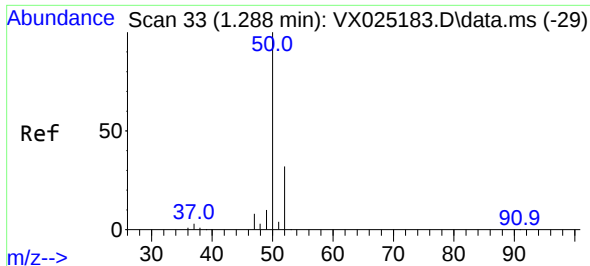
Reviewed By :John Carlone 11/19/2021
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#2
Dichlorodifluoromethane
Concen: 2.072 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.001 min
Lab File: VX025207.D
Acq: 18 Nov 2021 12:27

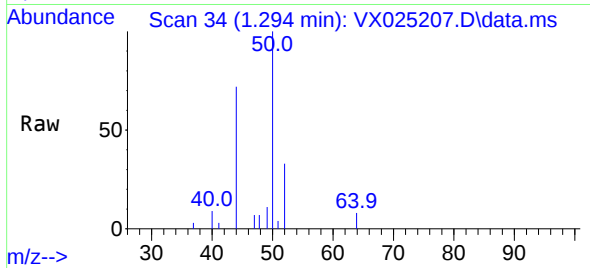
Tgt Ion: 85 Resp: 1958
Ion Ratio Lower Upper
85 100
87 32.1 16.0 47.9





#3
Chloromethane
Concen: 2.059 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX025207.D
Acq: 18 Nov 2021 12:27

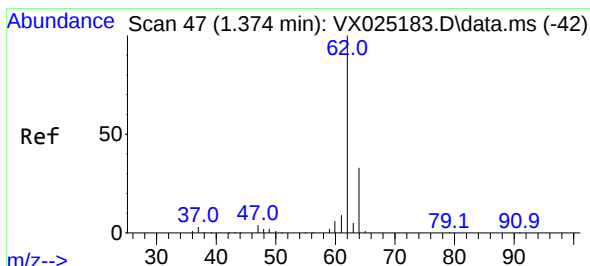
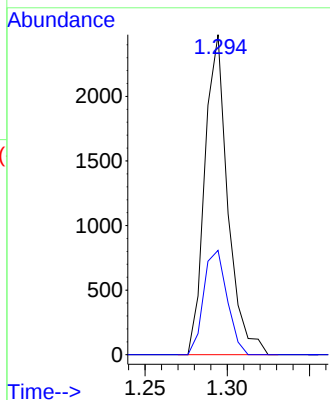
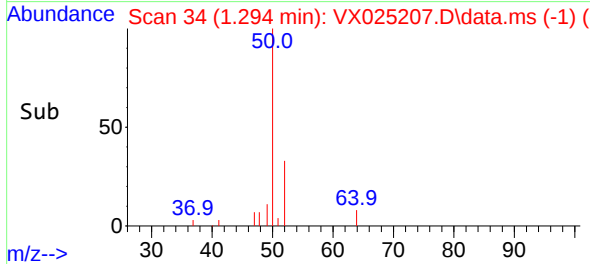
Instrument :
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Tgt Ion: 50 Resp: 2409
Ion Ratio Lower Upper
50 100
52 32.6 25.9 38.9

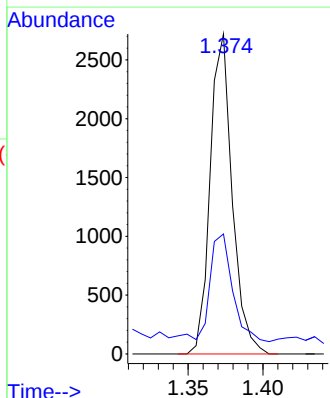
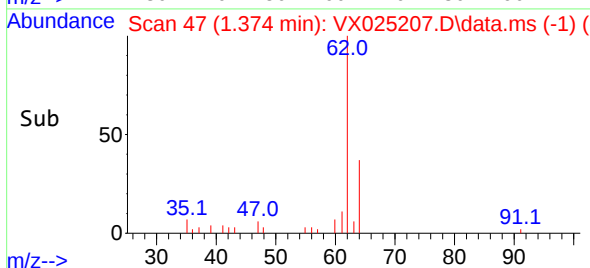
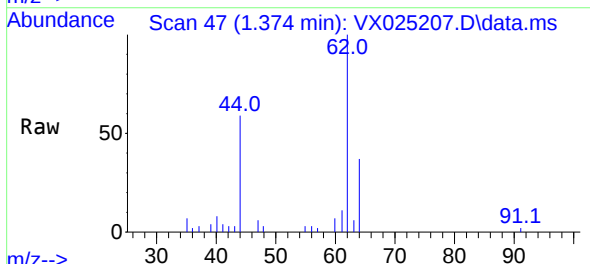
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#4
Vinyl Chloride
Concen: 2.167 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX025207.D
Acq: 18 Nov 2021 12:27

Tgt Ion: 62 Resp: 2784
Ion Ratio Lower Upper
62 100
64 32.9 26.0 39.0





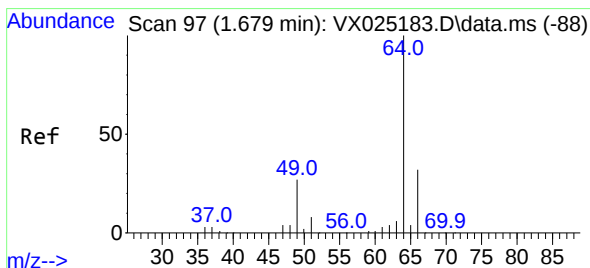
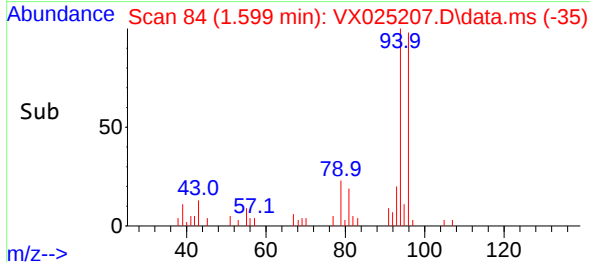
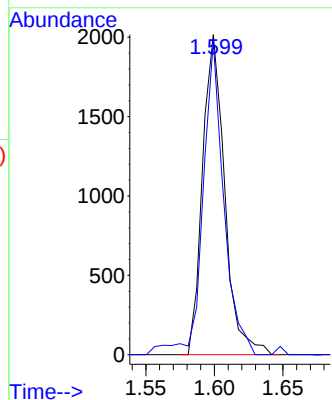
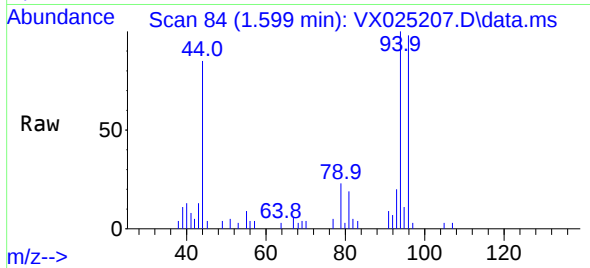
#5
Bromomethane
Concen: 4.110 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX025207.D
Acq: 18 Nov 2021 12:27

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2021

Tgt Ion: 94 Resp: 2270
Ion Ratio Lower Upper
94 100
96 95.4 74.8 112.2

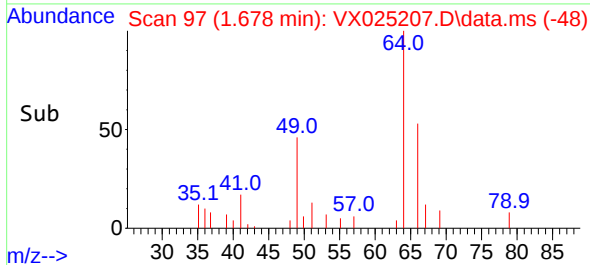
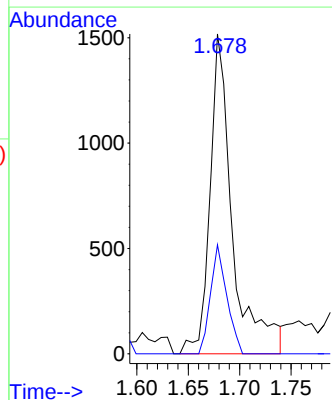
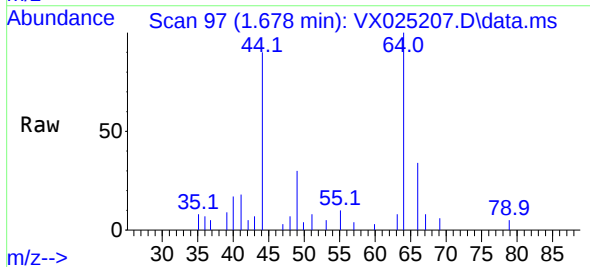
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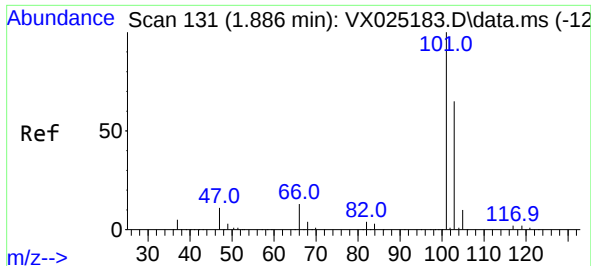
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#6
Chloroethane
Concen: 2.607 ug/l
RT: 1.678 min Scan# 97
Delta R.T. -0.001 min
Lab File: VX025207.D
Acq: 18 Nov 2021 12:27

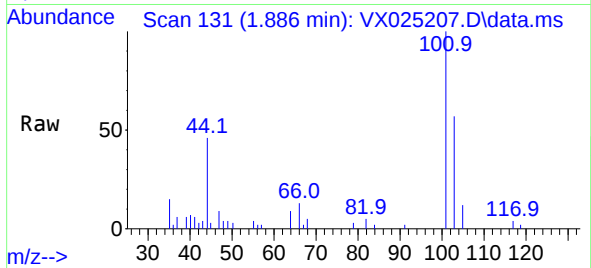
Tgt Ion: 64 Resp: 2311
Ion Ratio Lower Upper
64 100
66 34.1 25.6 38.4





#7
Trichlorofluoromethane
Concen: 2.312 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025207.D
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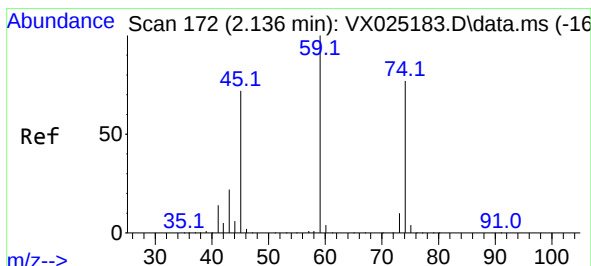
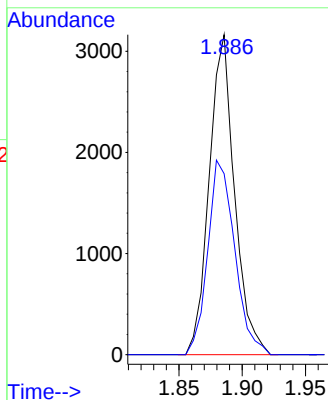
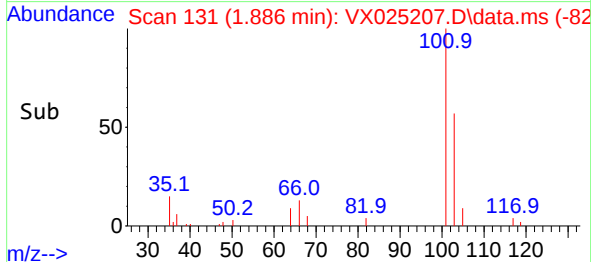
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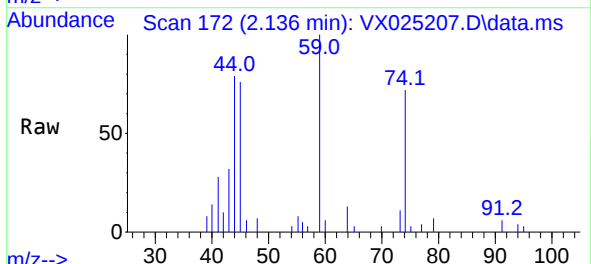
Tgt Ion:101 Resp: 4408
Ion Ratio Lower Upper
101 100
103 56.6 51.0 76.6

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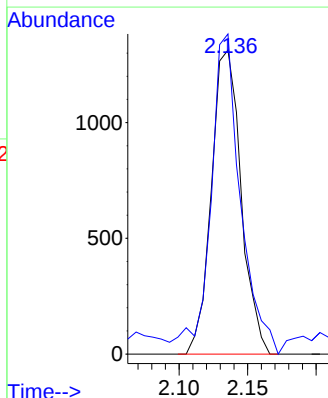
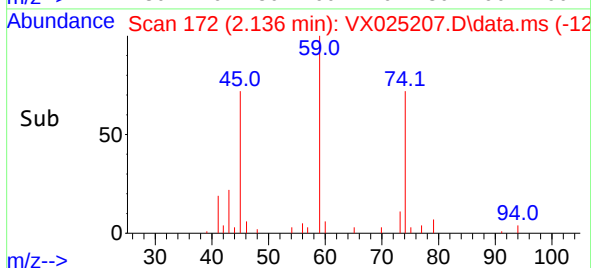
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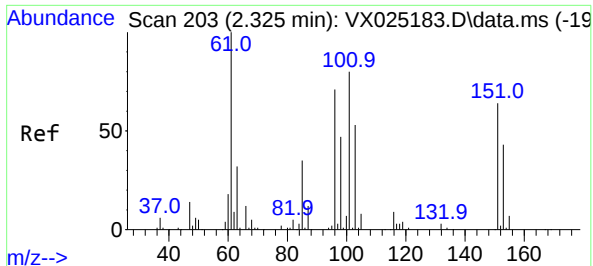


#8
Diethyl Ether
Concen: 2.510 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX025207.D
Acq: 18 Nov 2021 12:27



Tgt Ion: 74 Resp: 1975
Ion Ratio Lower Upper
74 100
45 105.7 47.6 142.9





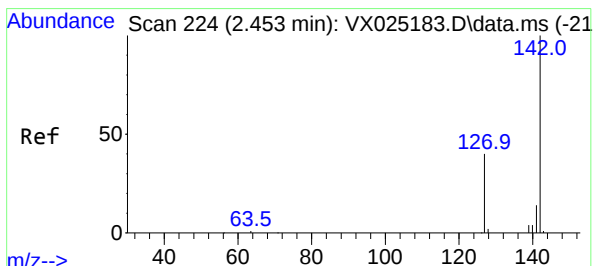
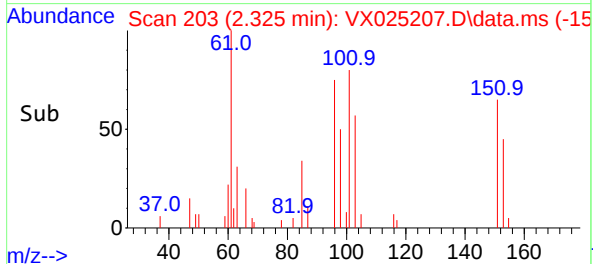
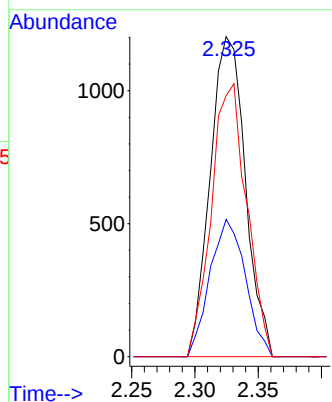
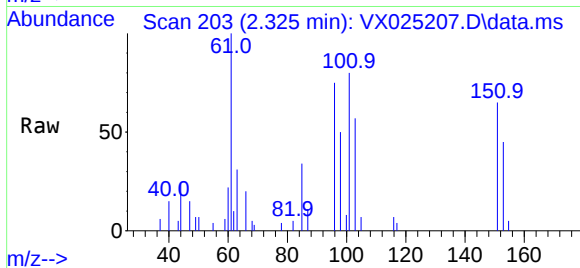
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1,1,2-Trichlorotrifluoroethane
Concen: 2.295 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX025207.D
Acq: 18 Nov 2021 12:27

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ClientSampleId :
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Tgt Ion:101 Resp: 2328
Ion Ratio Lower Upper
101 100
85 43.3 35.9 53.9
151 85.5 64.4 96.6

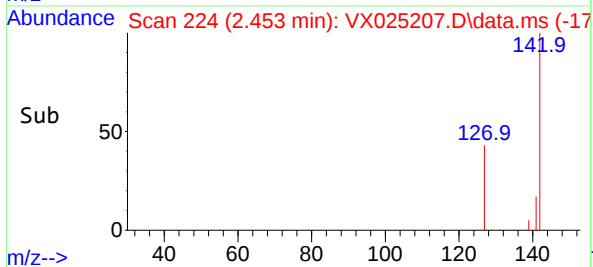
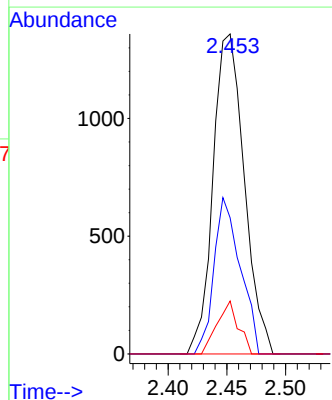
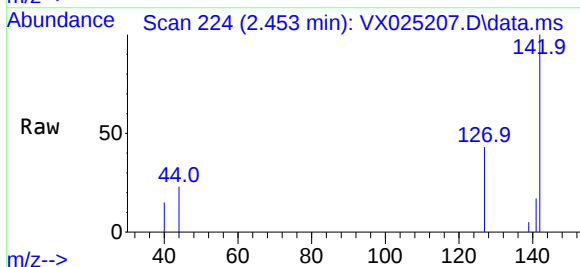
Manual Integrations
APPROVED

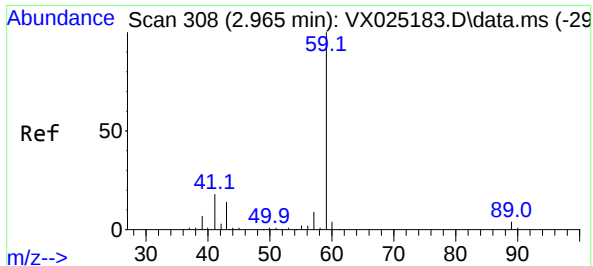
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/26/2021



#10
Methyl Iodide
Concen: 1.982 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX025207.D
Acq: 18 Nov 2021 12:27

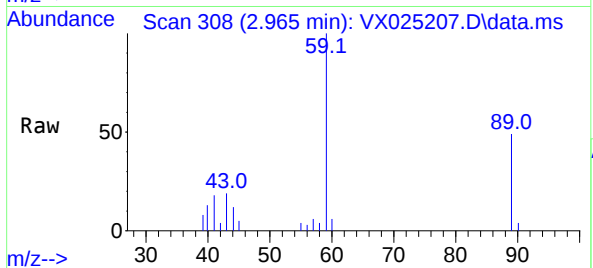
Tgt Ion:142 Resp: 2514
Ion Ratio Lower Upper
142 100
127 41.0 38.9 58.3
141 11.2 11.7 17.5#





#11
Tert butyl alcohol
Concen: 12.351 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.000 min
Lab File: VX025207.D
Acq: 18 Nov 2021 12:27

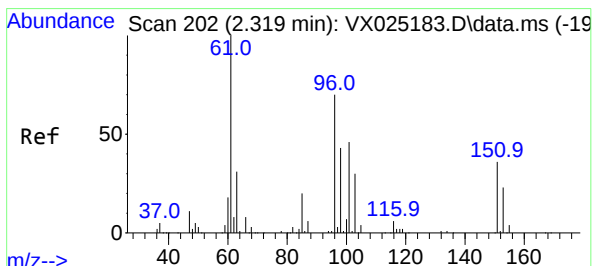
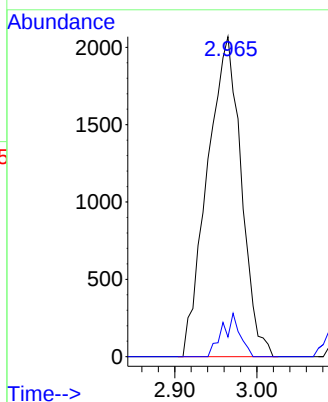
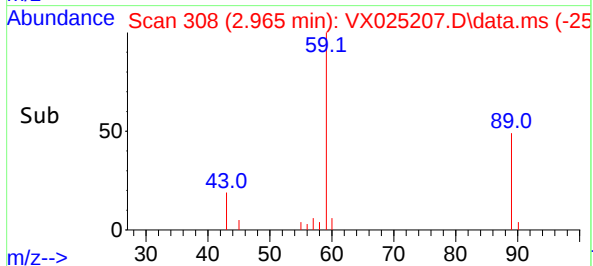
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2021



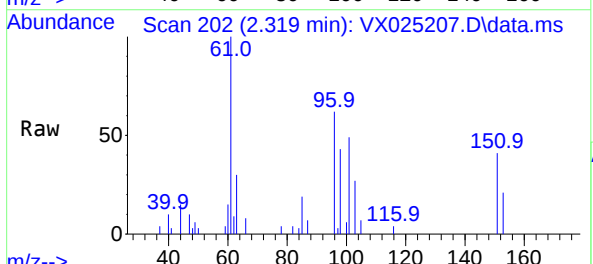
Tgt Ion: 59 Resp: 5920
Ion Ratio Lower Upper
59 100
57 7.0 8.5 12.7

Manual Integrations
APPROVED

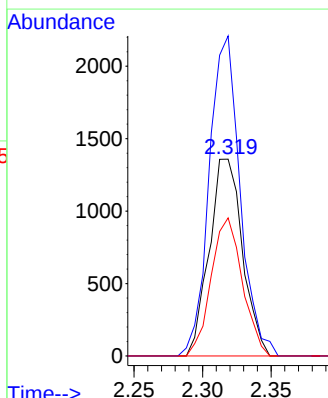
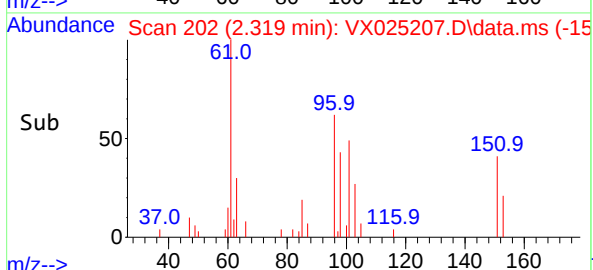
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/26/2021

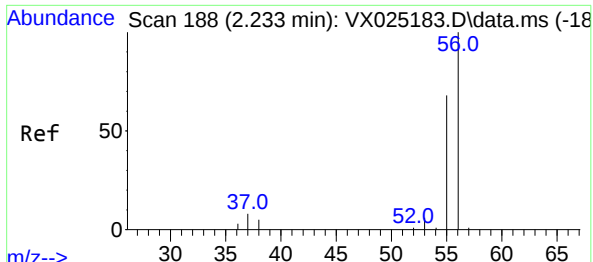


#12
1,1-Dichloroethene
Concen: 2.267 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX025207.D
Acq: 18 Nov 2021 12:27



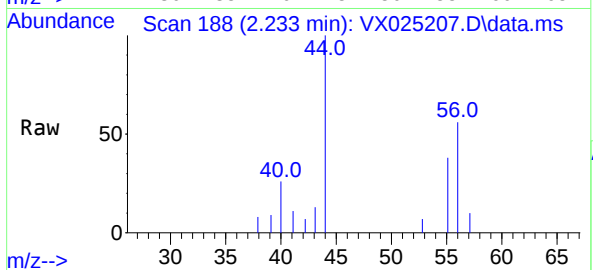
Tgt Ion: 96 Resp: 2290
Ion Ratio Lower Upper
96 100
61 162.5 134.1 201.1
98 70.1 51.5 77.3





#13
Acrolein
Concen: 15.559 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX025207.D
Acq: 18 Nov 2021 12:27

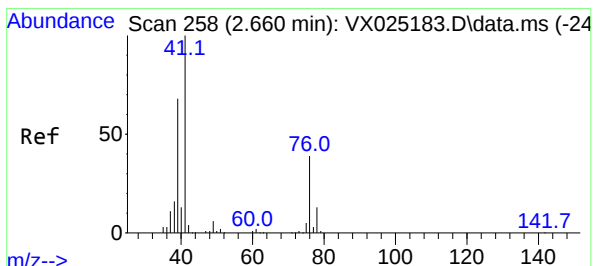
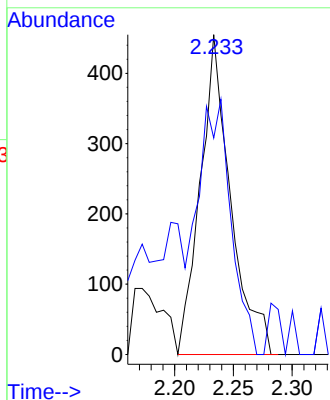
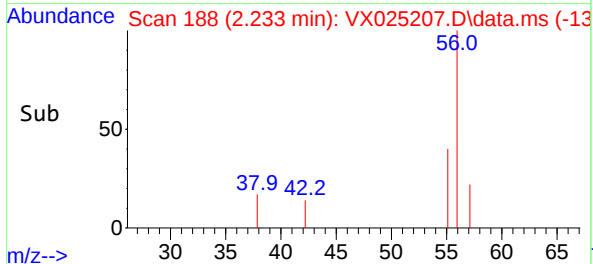
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2021



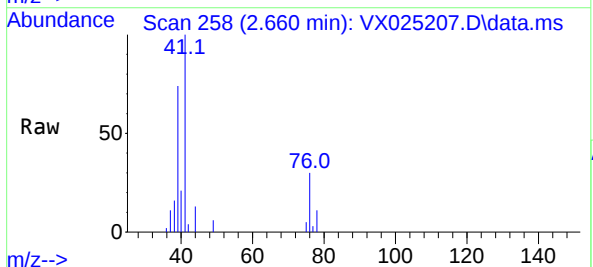
Tgt Ion: 56 Resp: 819
Ion Ratio Lower Upper
56 100
55 86.3 58.6 87.8

Manual Integrations
APPROVED

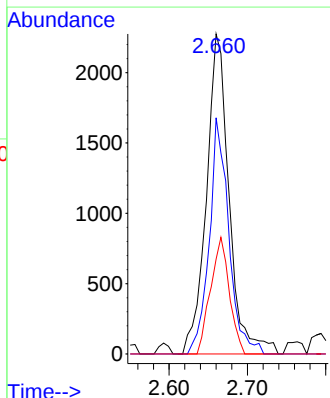
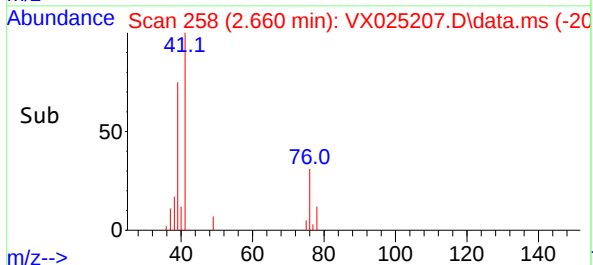
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/26/2021

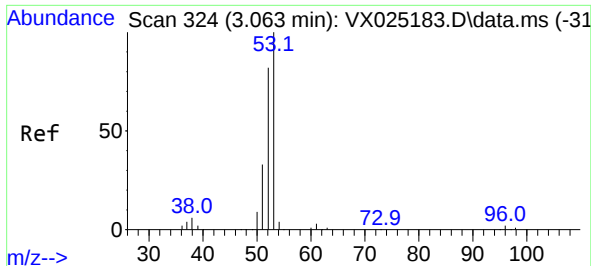


#14
Allyl chloride
Concen: 2.510 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.000 min
Lab File: VX025207.D
Acq: 18 Nov 2021 12:27



Tgt Ion: 41 Resp: 4590
Ion Ratio Lower Upper
41 100
39 63.5 54.6 82.0
76 30.0 25.3 37.9





#15

Acrylonitrile

Concen: 12.466 ug/l

RT: 3.068 min Scan# 31

Delta R.T. 0.005 min

Lab File: VX025207.D

Acq: 18 Nov 2021 12:27

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2021

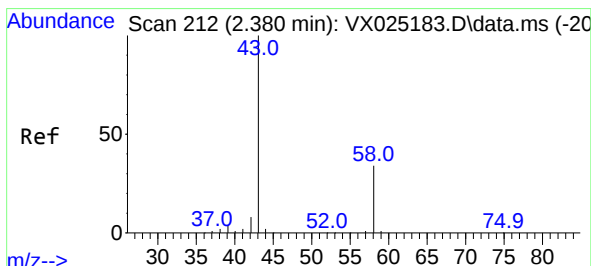
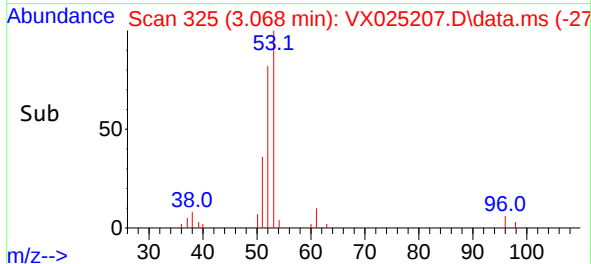
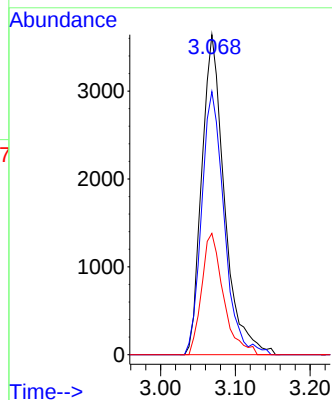
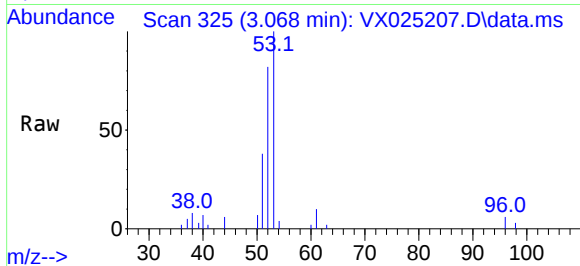
Tgt Ion: 53	Resp: 768
Ion Ratio	Lower Upper
53 100	
52 81.9	66.2 99.4
51 36.2	29.8 44.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/19/2021

Supervised By :Mahesh Dadoda 11/26/2021



#16

Acetone

Concen: 12.996 ug/l

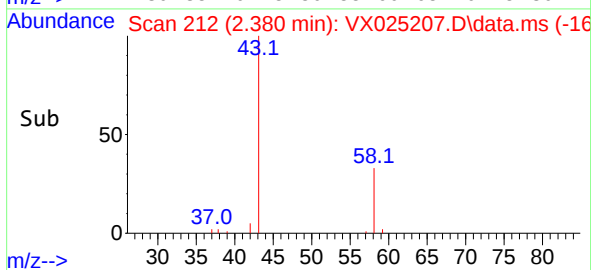
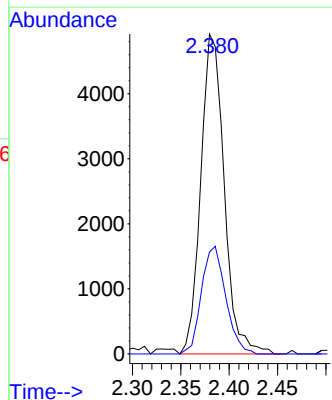
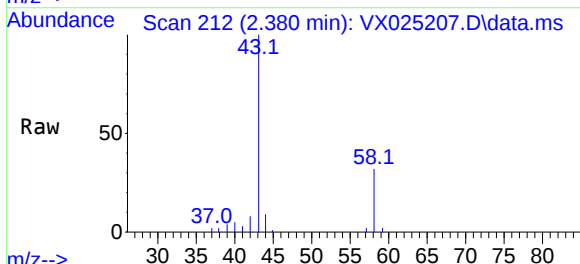
RT: 2.380 min Scan# 212

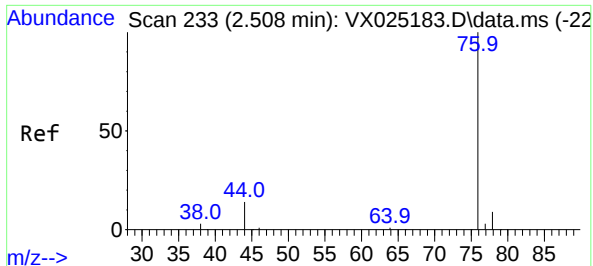
Delta R.T. -0.000 min

Lab File: VX025207.D

Acq: 18 Nov 2021 12:27

Tgt Ion: 43	Resp: 8297
Ion Ratio	Lower Upper
43 100	
58 31.9	24.0 36.0





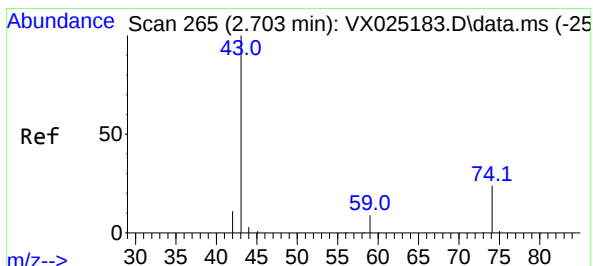
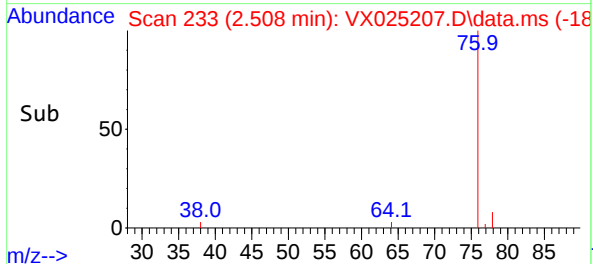
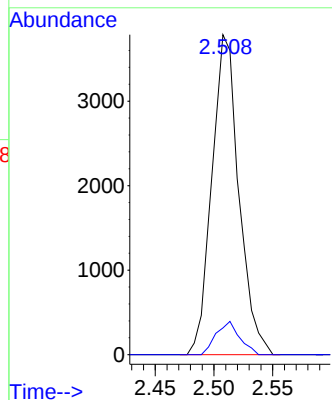
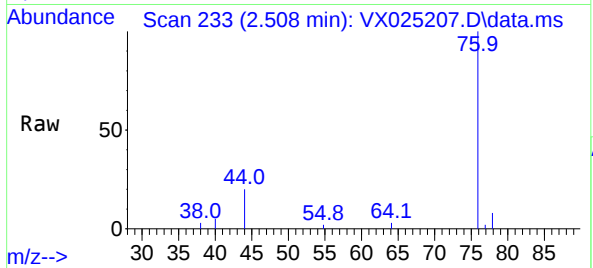
#17
Carbon Disulfide
Concen: 2.130 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX025207.D
Acq: 18 Nov 2021 12:27

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2021

Tgt Ion: 76 Resp: 605
Ion Ratio Lower Upper
76 100
78 8.3 6.9 10.3

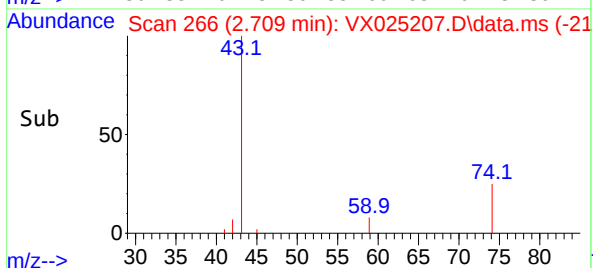
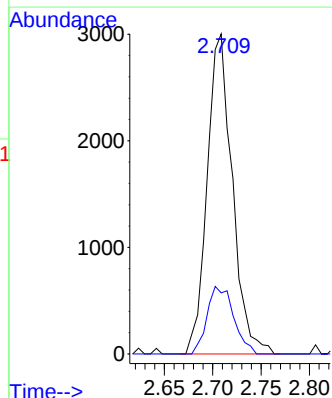
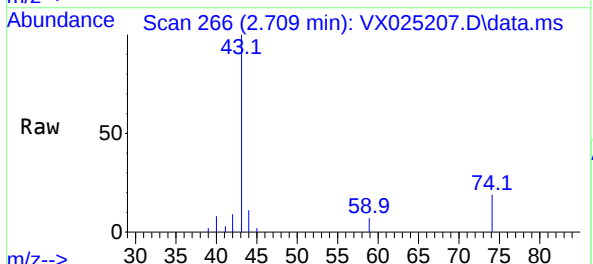
Manual Integrations
APPROVED

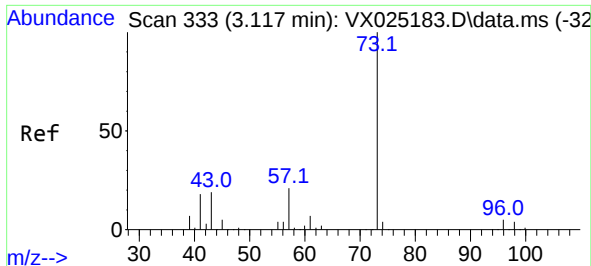
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/26/2021



#18
Methyl Acetate
Concen: 2.664 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX025207.D
Acq: 18 Nov 2021 12:27

Tgt Ion: 43 Resp: 5435
Ion Ratio Lower Upper
43 100
74 22.3 19.0 28.6





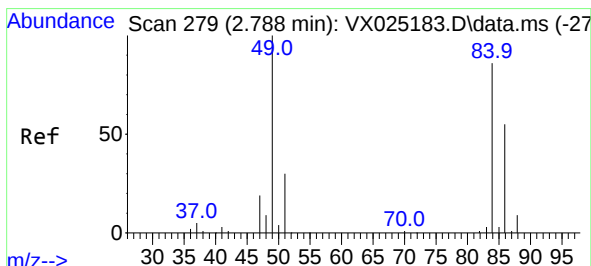
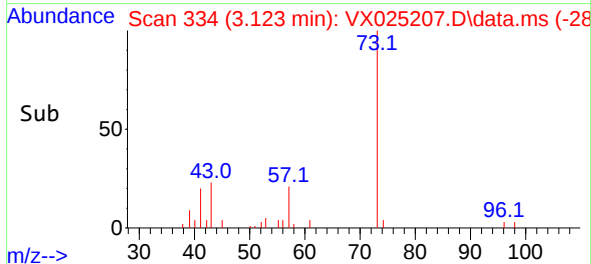
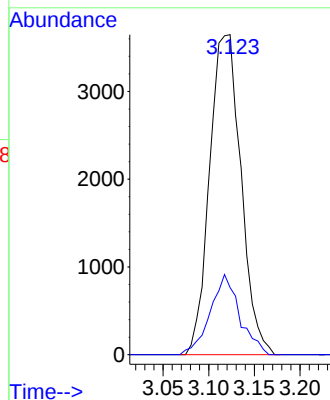
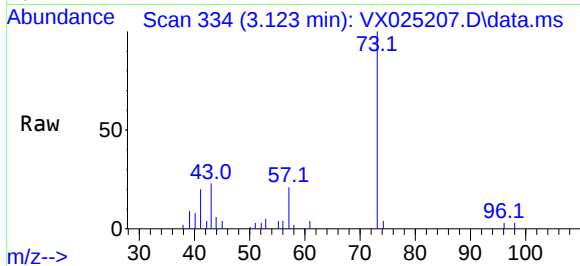
#19
Methyl tert-butyl Ether
Concen: 2.475 ug/l
RT: 3.123 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX025207.D
Acq: 18 Nov 2021 12:27

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2021

Tgt Ion: 73 Resp: 871
Ion Ratio Lower Upper
73 100
57 20.9 17.5 26.3

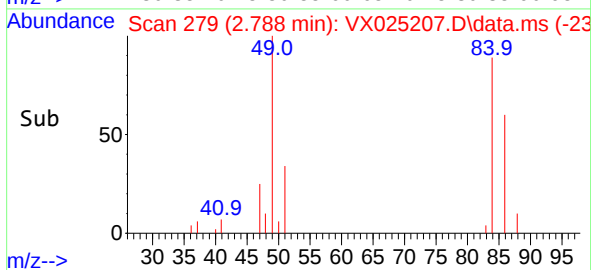
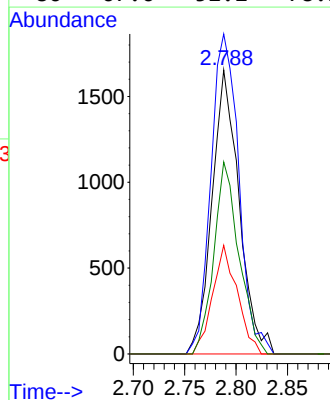
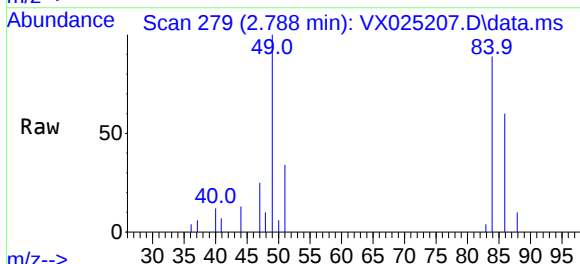
Manual Integrations
APPROVED

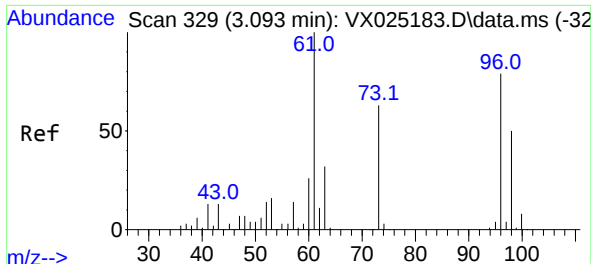
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/26/2021



#20
Methylene Chloride
Concen: 2.528 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX025207.D
Acq: 18 Nov 2021 12:27

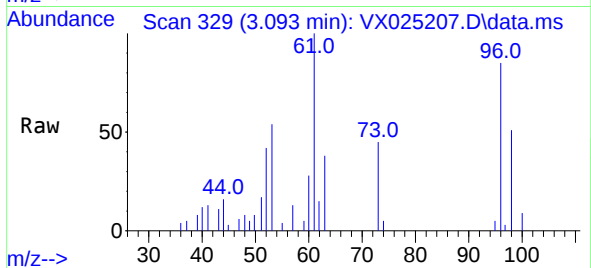
Tgt Ion: 84 Resp: 3034
Ion Ratio Lower Upper
84 100
49 112.7 98.2 147.2
51 38.3 30.2 45.4
86 67.6 52.2 78.2





#21
trans-1,2-Dichloroethene
Concen: 2.391 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX025207.D
Acq: 18 Nov 2021 12:27

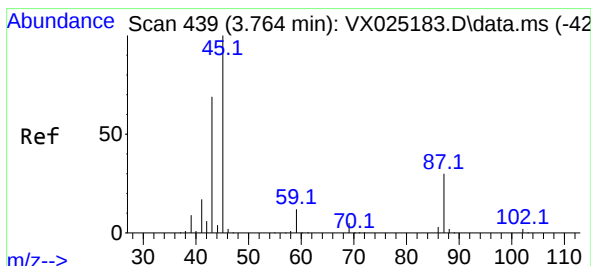
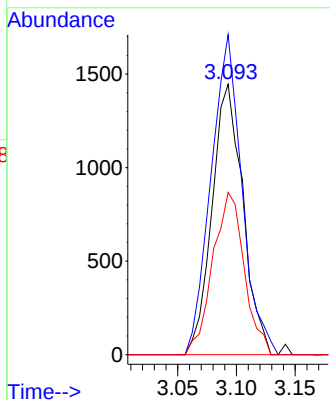
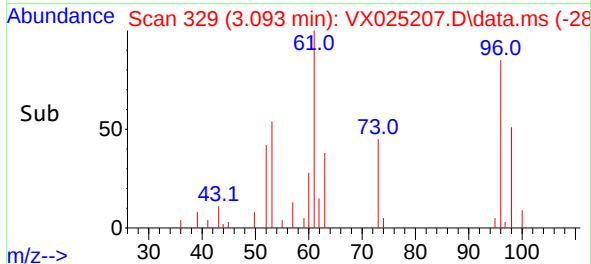
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2021



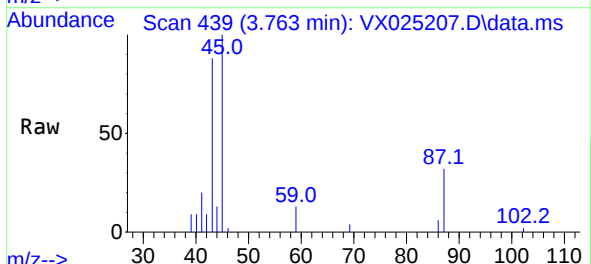
Tgt Ion: 96 Resp: 2640
Ion Ratio Lower Upper
96 100
61 118.3 117.9 176.9
98 60.0 51.1 76.7

Manual Integrations
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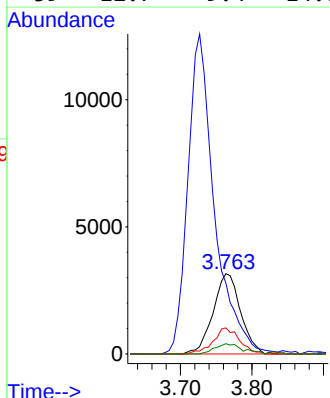
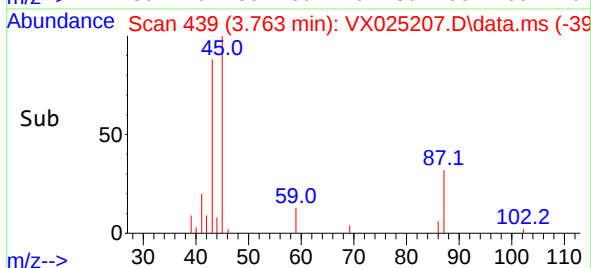
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/26/2021



#22
Diisopropyl ether
Concen: 2.418 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.001 min
Lab File: VX025207.D
Acq: 18 Nov 2021 12:27



Tgt Ion: 45 Resp: 8420
Ion Ratio Lower Upper
45 100
43 85.8 58.3 87.5
87 32.4 23.7 35.5
59 12.7 9.4 14.0





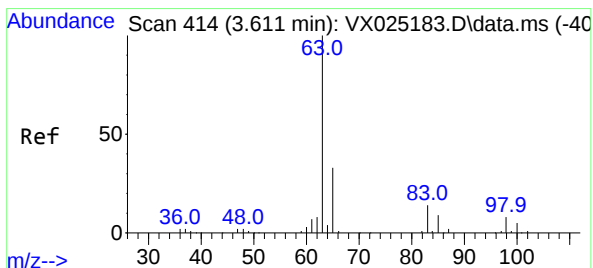
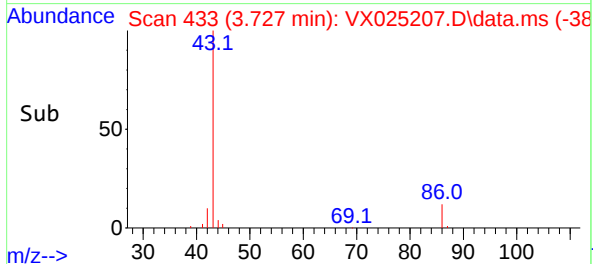
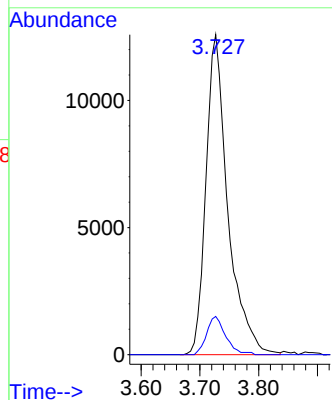
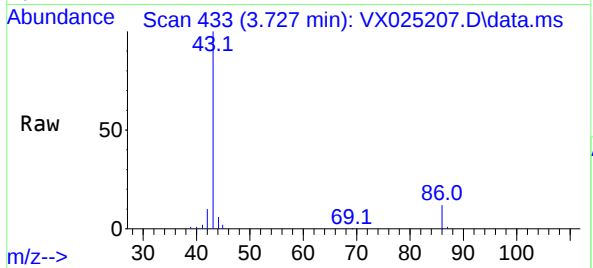
#23
 Vinyl Acetate
 Concen: 11.654 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX025207.D
 Acq: 18 Nov 2021 12:27

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT4-2021

Tgt Ion: 43 Resp: 32598
 Ion Ratio Lower Upper
 43 100
 86 12.0 8.2 12.4

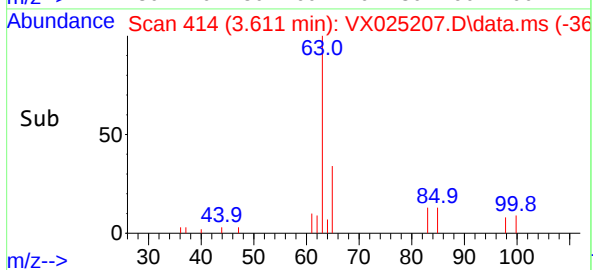
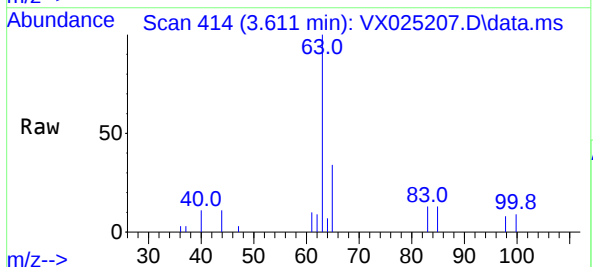
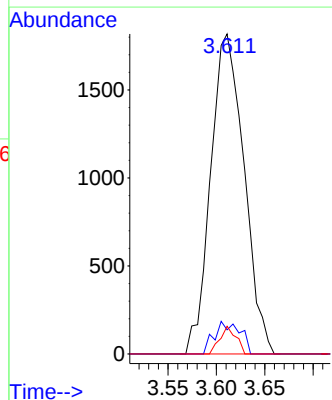
Manual Integrations
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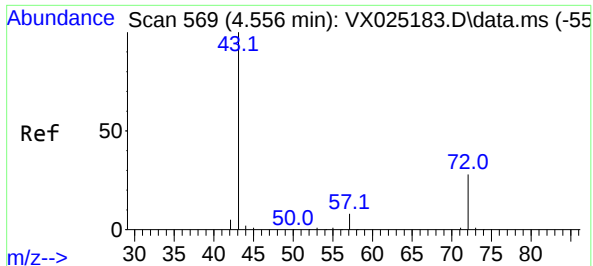
Reviewed By :John Carlone 11/19/2021
 Supervised By :Mahesh Dadoda 11/26/2021



#24
 1,1-Dichloroethane
 Concen: 2.295 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX025207.D
 Acq: 18 Nov 2021 12:27

Tgt Ion: 63 Resp: 4366
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.3 9.9
 100 8.6 2.1 6.2#





#25

2-Butanone

Concen: 12.421 ug/l

RT: 4.562 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX025207.D

Acq: 18 Nov 2021 12:27

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2021

Tgt Ion: 43 Resp: 1146

Ion Ratio Lower Upper

43 100

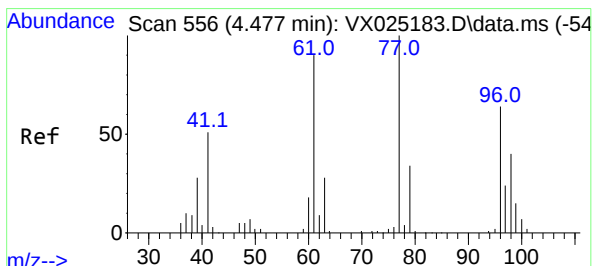
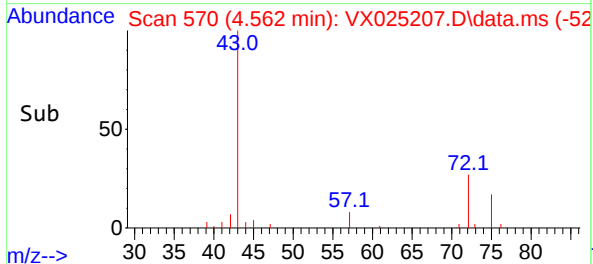
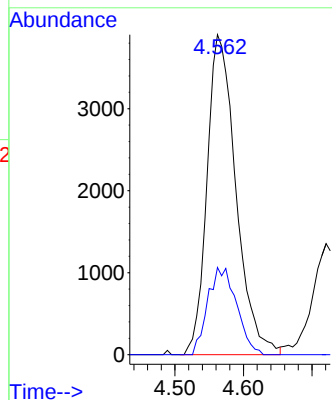
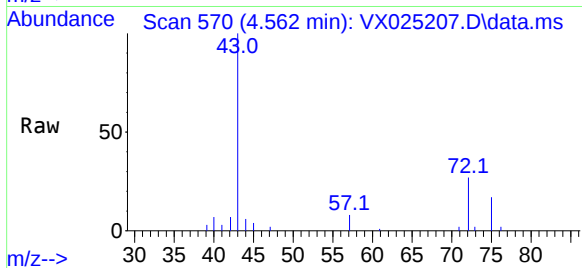
72 27.3 21.2 31.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/19/2021

Supervised By :Mahesh Dadoda 11/26/2021



#26

2,2-Dichloropropane

Concen: 2.272 ug/l

RT: 4.477 min Scan# 556

Delta R.T. -0.000 min

Lab File: VX025207.D

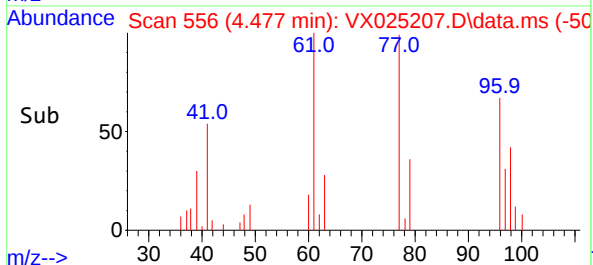
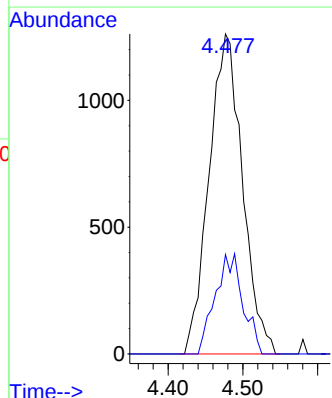
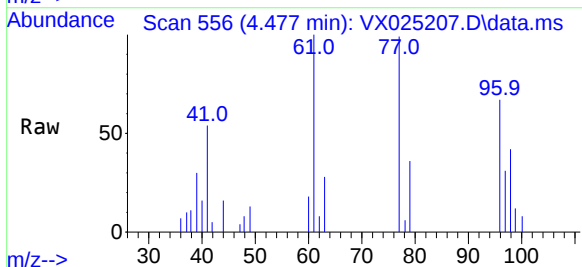
Acq: 18 Nov 2021 12:27

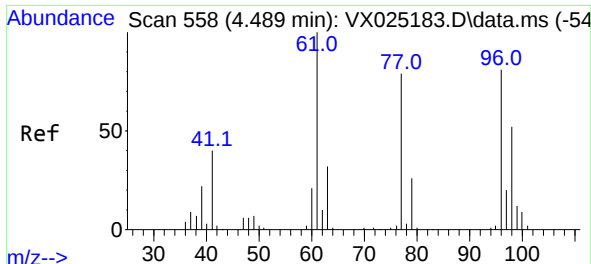
Tgt Ion: 77 Resp: 3919

Ion Ratio Lower Upper

77 100

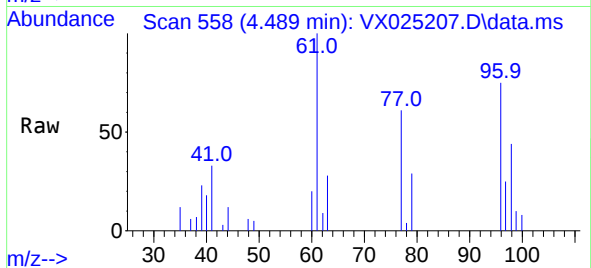
97 25.9 11.2 33.5





#27
cis-1,2-Dichloroethene
Concen: 2.483 ug/l
RT: 4.489 min Scan# 511
Delta R.T. -0.000 min
Lab File: VX025207.D
Acq: 18 Nov 2021 12:27

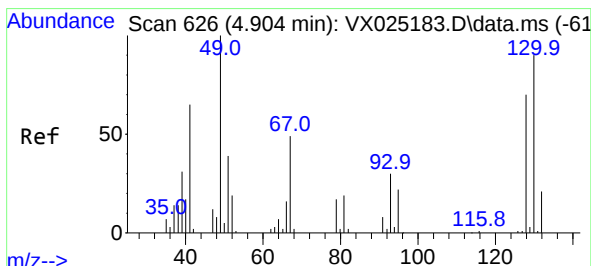
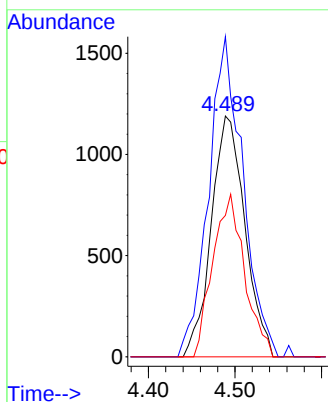
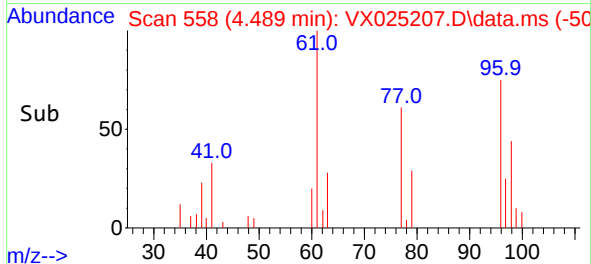
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2021



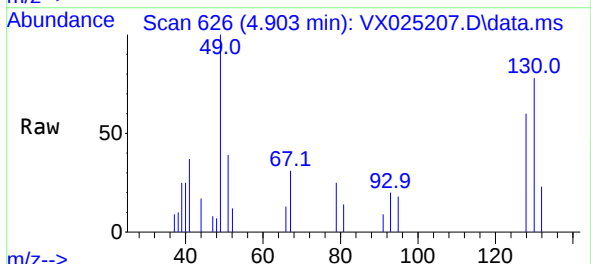
Tgt Ion: 96 Resp: 3205
Ion Ratio Lower Upper
96 100
61 135.5 0.0 302.2
98 63.6 0.0 131.4

Manual Integrations
APPROVED

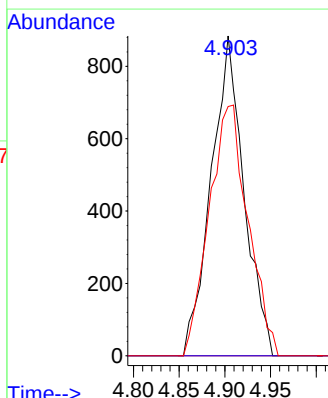
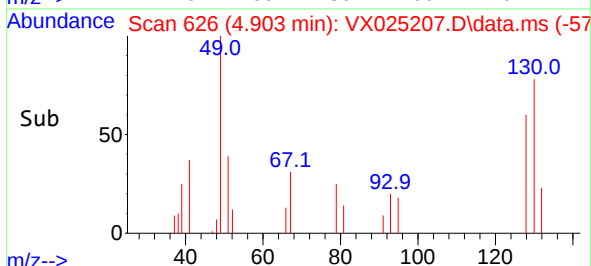
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/26/2021

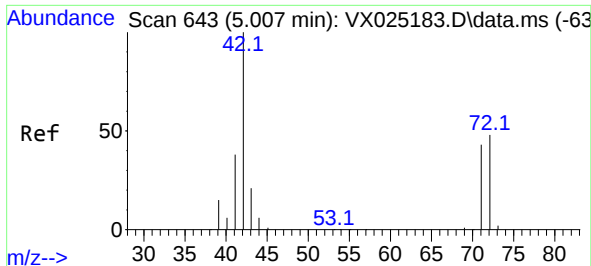


#28
Bromochloromethane
Concen: 2.485 ug/l
RT: 4.903 min Scan# 626
Delta R.T. -0.001 min
Lab File: VX025207.D
Acq: 18 Nov 2021 12:27



Tgt Ion: 49 Resp: 2205
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.4
130 93.0 65.2 97.8





#29

Tetrahydrofuran

Concen: 12.708 ug/l

RT: 5.013 min Scan# 643

Delta R.T. 0.006 min

Lab File: VX025207.D

Acq: 18 Nov 2021 12:27

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2021

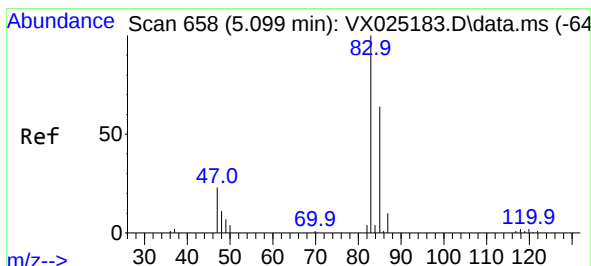
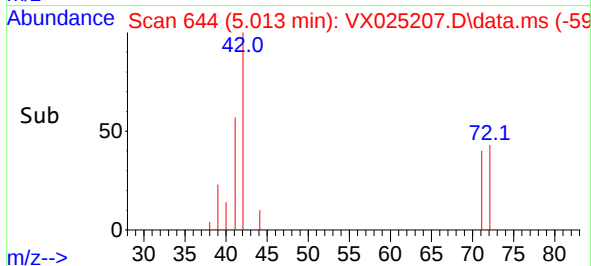
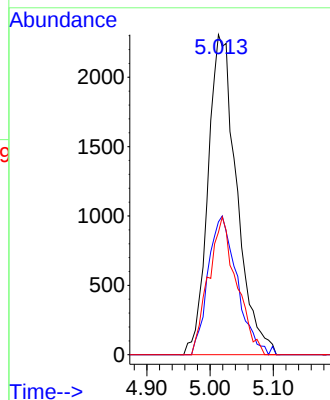
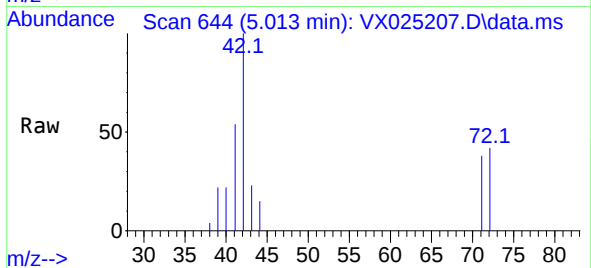
Tgt Ion:	42	Resp:	726
Ion	Ratio	Lower	Upper
42	100		
72	44.0	36.1	54.1
71	42.0	33.7	50.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/19/2021

Supervised By :Mahesh Dadoda 11/26/2021



#30

Chloroform

Concen: 2.449 ug/l

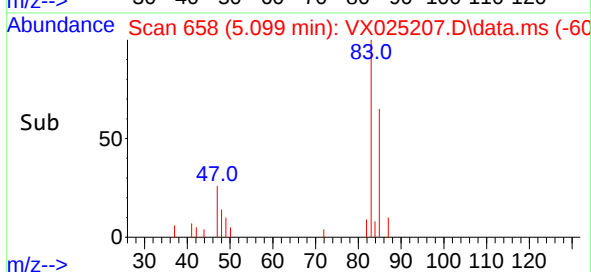
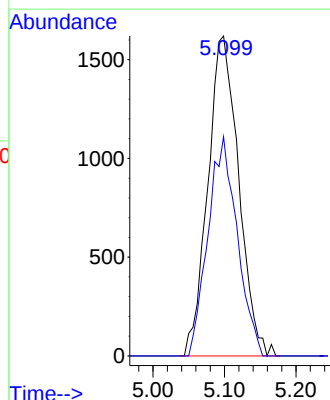
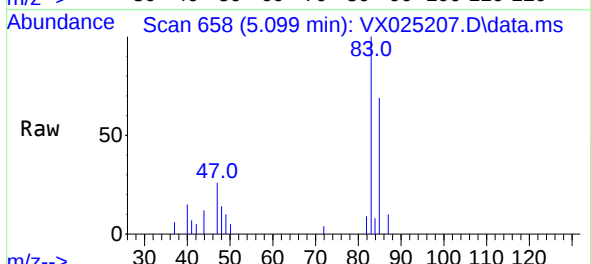
RT: 5.099 min Scan# 658

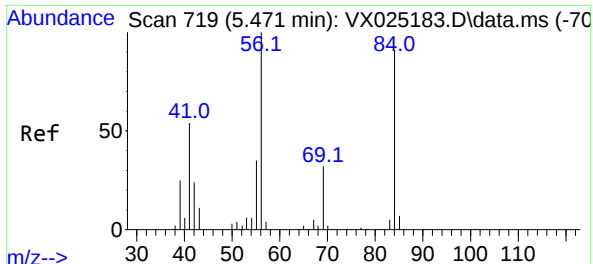
Delta R.T. -0.000 min

Lab File: VX025207.D

Acq: 18 Nov 2021 12:27

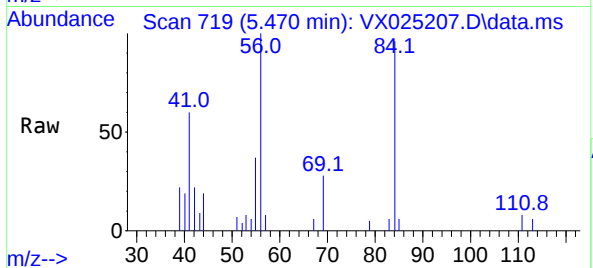
Tgt Ion:	83	Resp:	4850
Ion	Ratio	Lower	Upper
83	100		
85	68.5	50.2	75.2





#31
Cyclohexane
Concen: 2.114 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.001 min
Lab File: VX025207.D
Acq: 18 Nov 2021 12:27

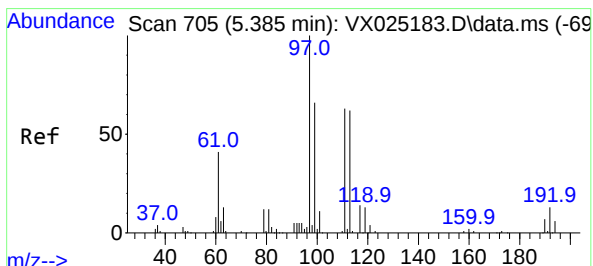
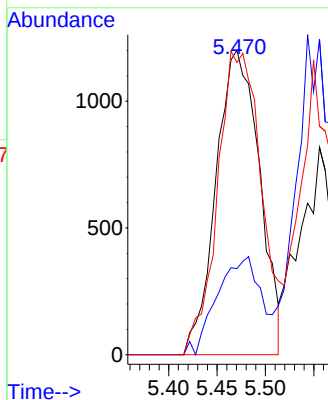
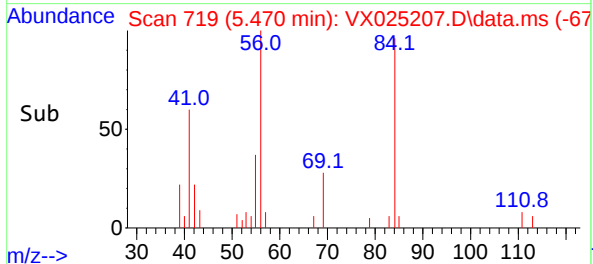
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2021



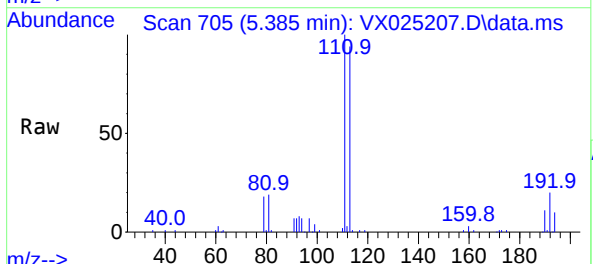
Tgt Ion: 56 Resp: 3754
Ion Ratio Lower Upper
56 100
69 28.3 24.2 36.2
84 95.9 71.5 107.3

Manual Integrations
APPROVED

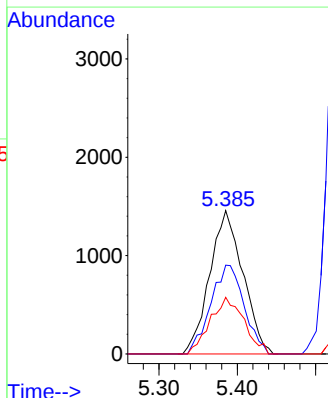
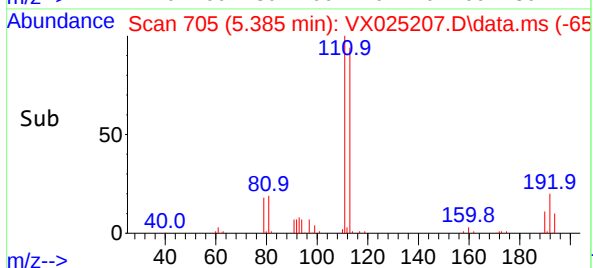
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/26/2021



#32
1,1,1-Trichloroethane
Concen: 2.369 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX025207.D
Acq: 18 Nov 2021 12:27



Tgt Ion: 97 Resp: 4295
Ion Ratio Lower Upper
97 100
99 62.2 50.9 76.3
61 40.0 35.0 52.4





#33

1,2-Dichloroethane-d4

Concen: 55.298 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX025207.D

Acq: 18 Nov 2021 12:27

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2021

Tgt Ion: 65 Resp: 6353

Ion Ratio Lower Upper

65 100

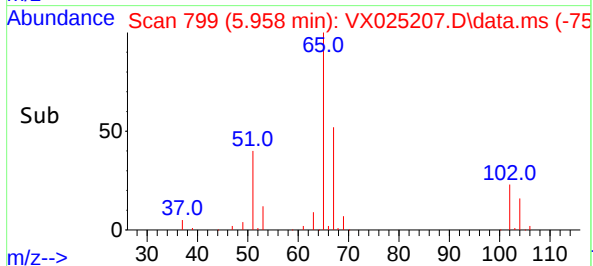
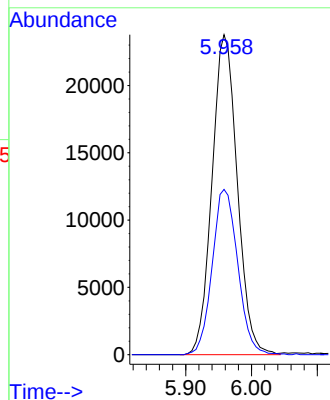
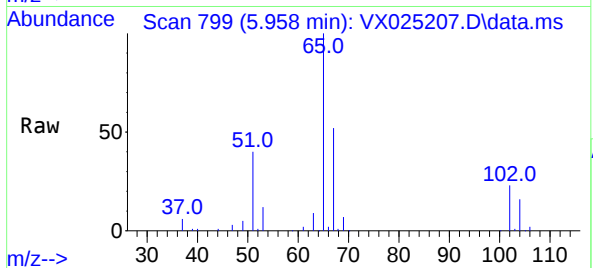
67 52.3 0.0 101.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/19/2021

Supervised By :Mahesh Dadoda 11/26/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX025207.D

Acq: 18 Nov 2021 12:27

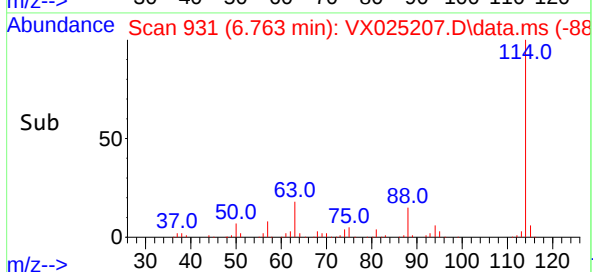
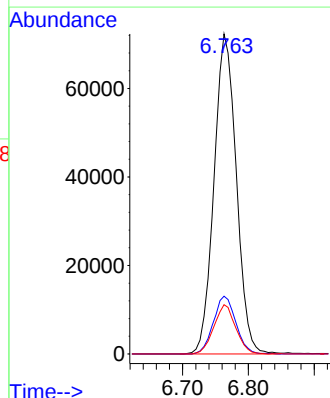
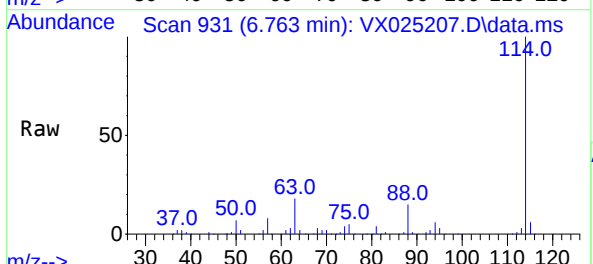
Tgt Ion:114 Resp: 170641

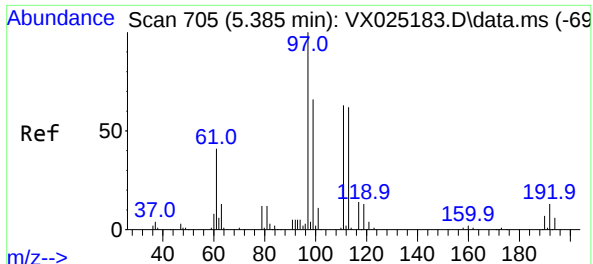
Ion Ratio Lower Upper

114 100

63 18.1 0.0 41.0

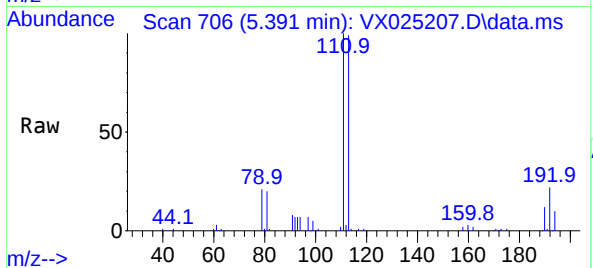
88 15.4 0.0 34.8





#35
Dibromofluoromethane
Concen: 53.768 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX025207.D
Acq: 18 Nov 2021 12:27

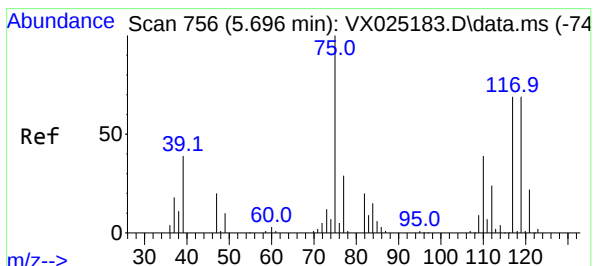
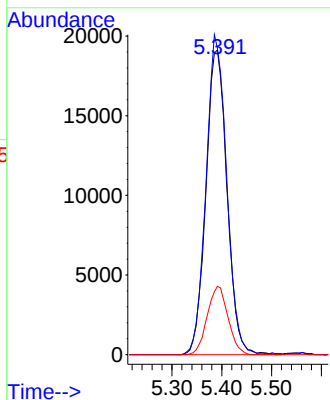
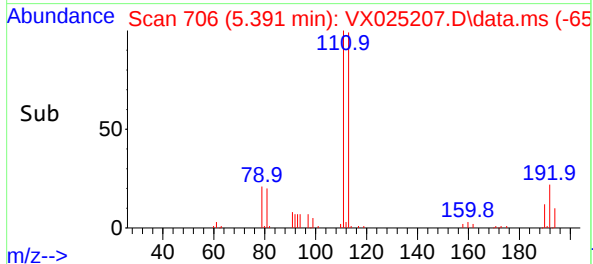
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2021



Tgt Ion: 113 Resp: 5629
Ion Ratio Lower Upper
113 100
111 102.4 82.1 123.1
192 22.0 15.6 23.4

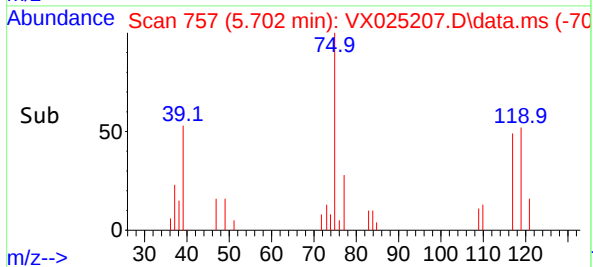
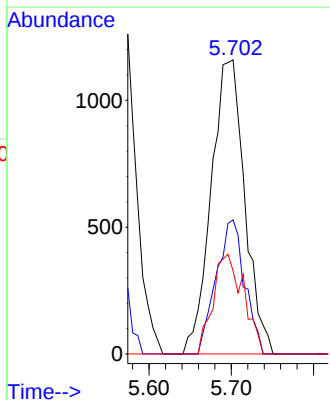
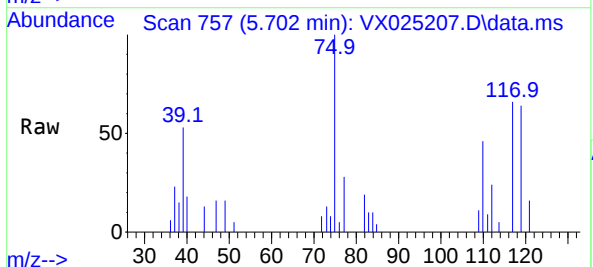
Manual Integrations
APPROVED

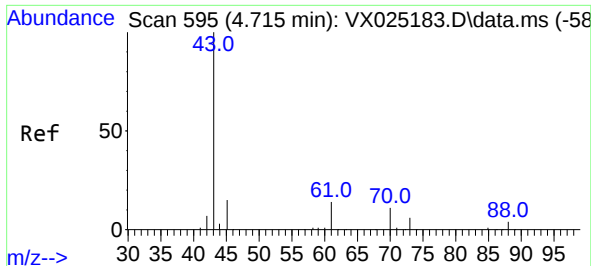
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/26/2021



#36
1,1-Dichloropropene
Concen: 2.211 ug/l
RT: 5.702 min Scan# 757
Delta R.T. 0.006 min
Lab File: VX025207.D
Acq: 18 Nov 2021 12:27

Tgt Ion: 75 Resp: 3292
Ion Ratio Lower Upper
75 100
110 38.6 18.1 54.3
77 30.8 24.4 36.6





#37

Ethyl Acetate

Concen: 2.690 ug/l

RT: 4.721 min Scan# 595

Delta R.T. 0.006 min

Lab File: VX025207.D

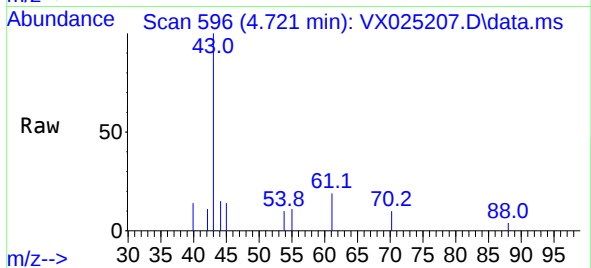
Acq: 18 Nov 2021 12:27

Instrument :

MSVOA_X

ClientSampleId :

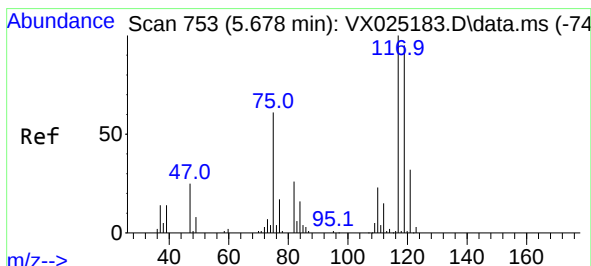
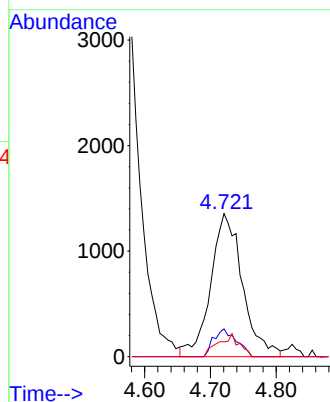
MDL-WATER-03-QT4-2021



Tgt Ion:	43	Resp:	455
Ion	Ratio	Lower	Upper
43	100		
61	13.9	11.4	17.0
70	10.5	8.6	12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/26/2021



#38

Carbon Tetrachloride

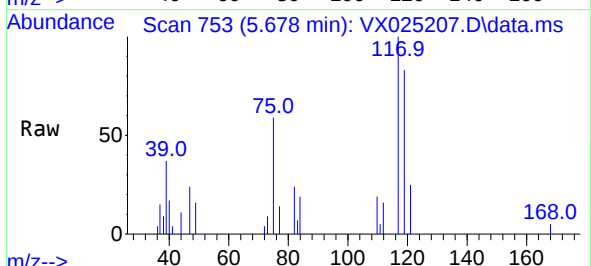
Concen: 2.403 ug/l

RT: 5.678 min Scan# 753

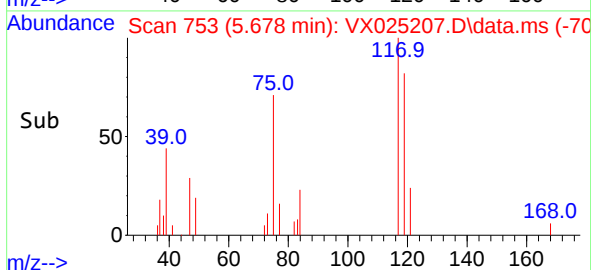
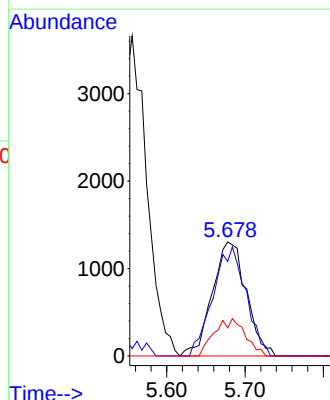
Delta R.T. -0.000 min

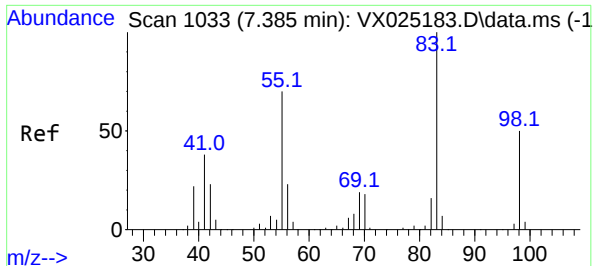
Lab File: VX025207.D

Acq: 18 Nov 2021 12:27



Tgt Ion:	117	Resp:	3941
Ion	Ratio	Lower	Upper
117	100		
119	82.9	75.6	113.4
121	24.6	23.7	35.5





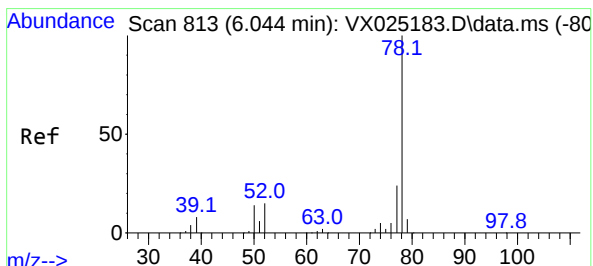
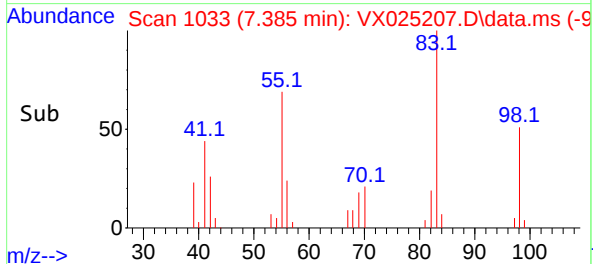
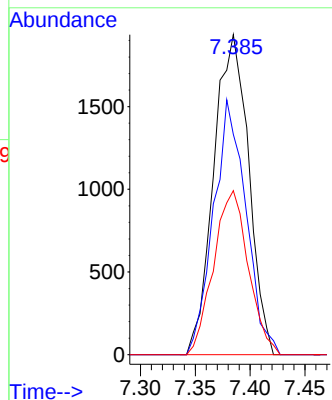
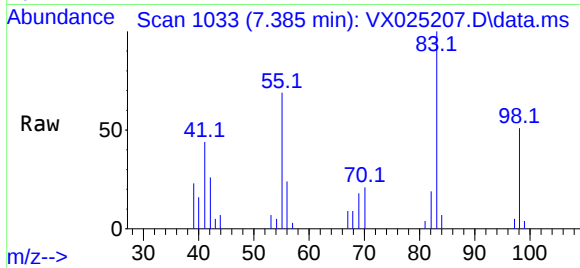
#39
Methylcyclohexane
Concen: 2.241 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX025207.D
Acq: 18 Nov 2021 12:27

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2021

Tgt Ion: 83 Resp: 4280
Ion Ratio Lower Upper
83 100
55 68.8 60.8 91.2
98 51.3 37.0 55.4

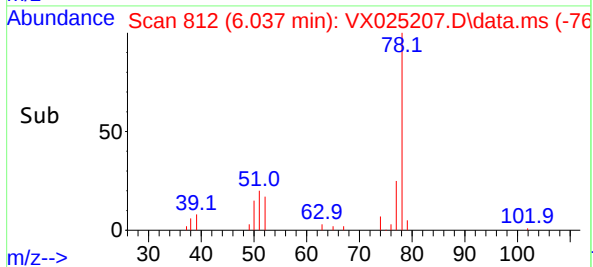
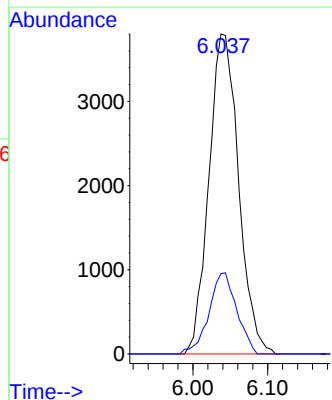
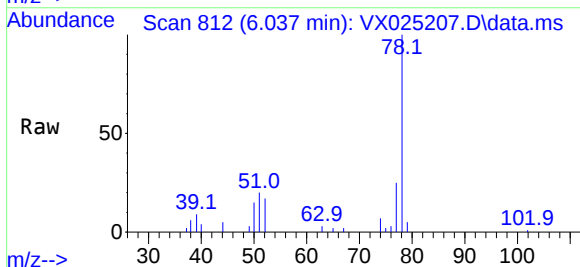
Manual Integrations
APPROVED

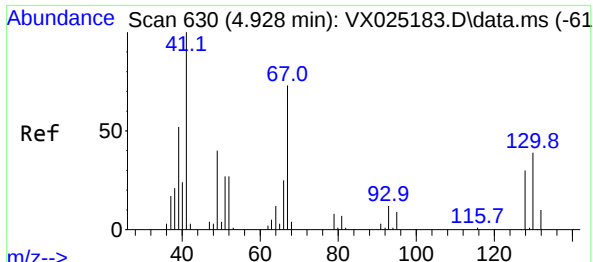
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/26/2021



#40
Benzene
Concen: 2.324 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.007 min
Lab File: VX025207.D
Acq: 18 Nov 2021 12:27

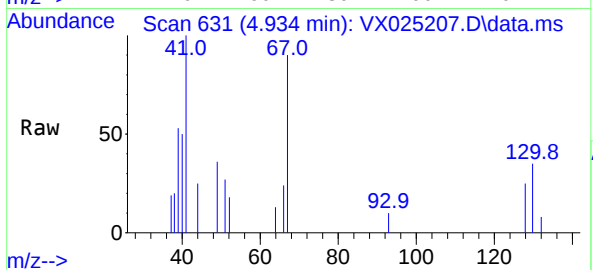
Tgt Ion: 78 Resp: 10480
Ion Ratio Lower Upper
78 100
77 25.1 18.3 27.5





#41
Methacrylonitrile
Concen: 2.439 ug/l
RT: 4.934 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX025207.D
Acq: 18 Nov 2021 12:27

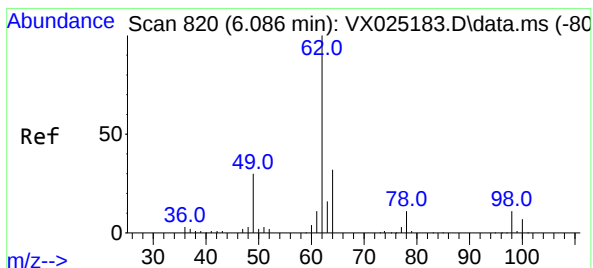
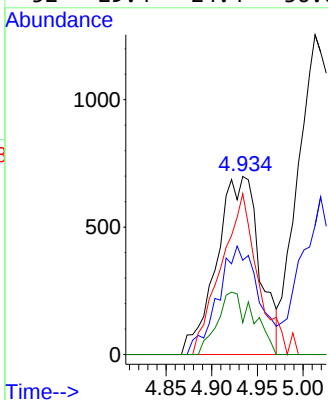
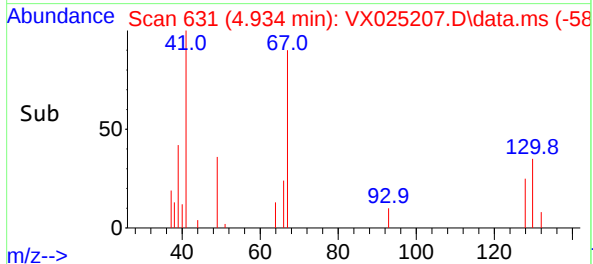
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2021



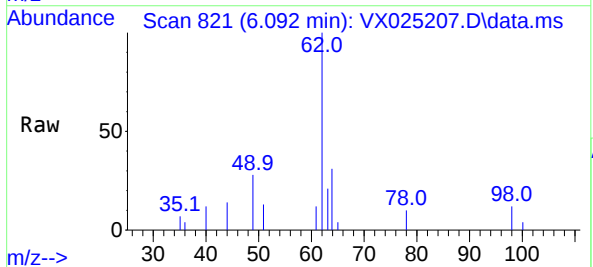
Tgt Ion: 41 Resp: 229
Ion Ratio Lower Upper
41 100
39 57.7 44.6 67.0
67 77.6 56.7 85.1
52 29.4 24.4 36.6

Manual Integrations
APPROVED

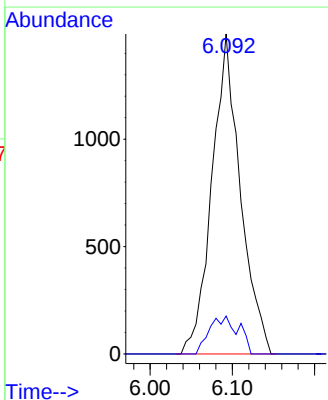
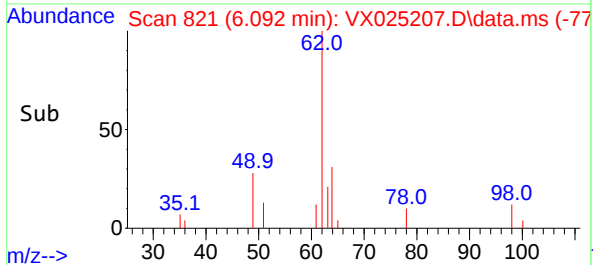
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/26/2021

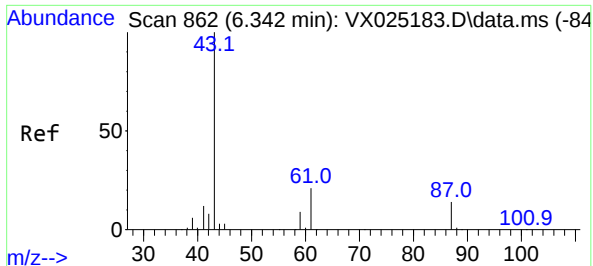


#42
1,2-Dichloroethane
Concen: 2.438 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX025207.D
Acq: 18 Nov 2021 12:27



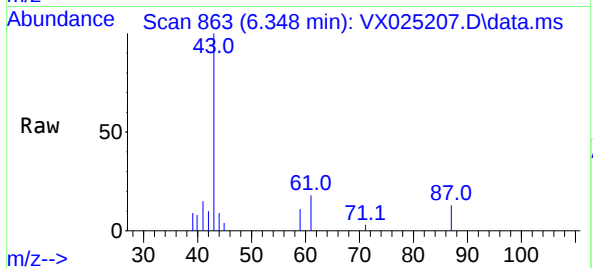
Tgt Ion: 62 Resp: 3578
Ion Ratio Lower Upper
62 100
98 12.1 0.0 16.0





#43
Isopropyl Acetate
Concen: 2.482 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX025207.D
Acq: 18 Nov 2021 12:27

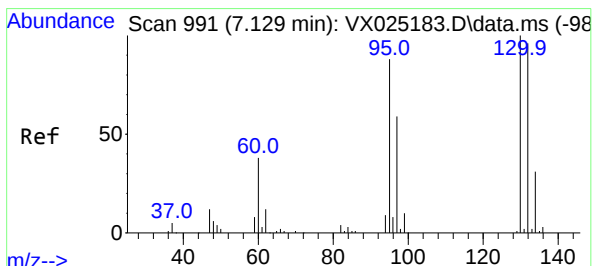
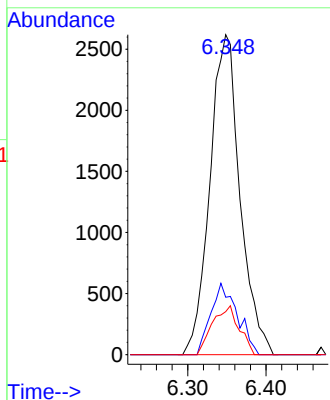
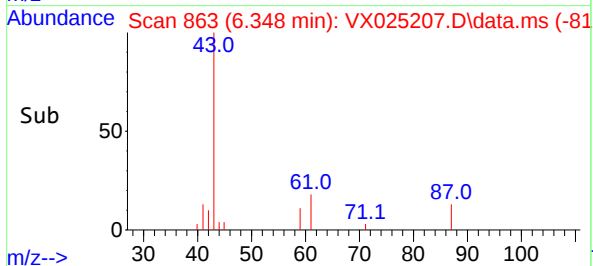
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2021



Tgt Ion: 43 Resp: 6998
Ion Ratio Lower Upper
43 100
61 19.7 15.3 22.9
87 13.4 10.9 16.3

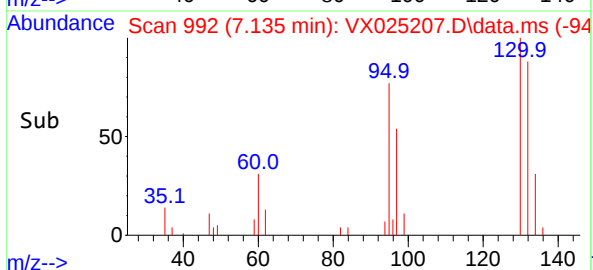
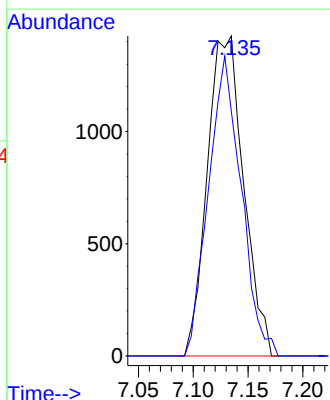
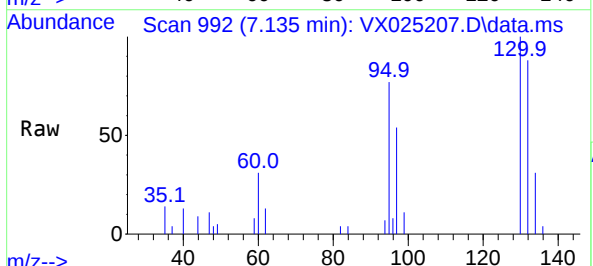
Manual Integrations
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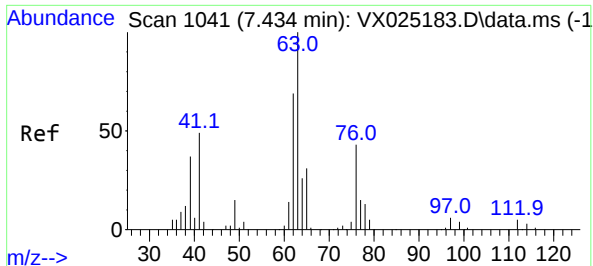
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/26/2021



#44
Trichloroethene
Concen: 2.507 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX025207.D
Acq: 18 Nov 2021 12:27

Tgt Ion:130 Resp: 3284
Ion Ratio Lower Upper
130 100
95 76.5 0.0 196.8





#45

1,2-Dichloropropane

Concen: 2.490 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX025207.D

Acq: 18 Nov 2021 12:27

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2021

Tgt Ion: 63 Resp: 275

Ion Ratio Lower Upper

63 100

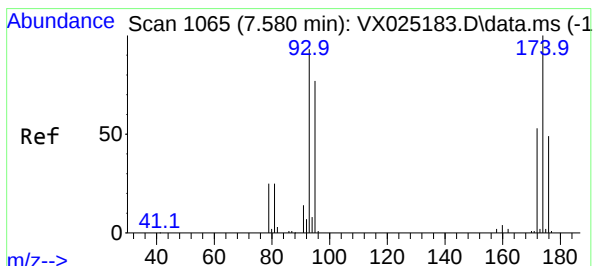
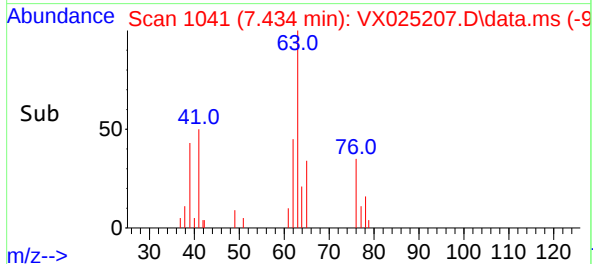
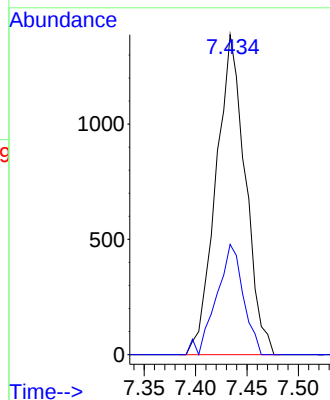
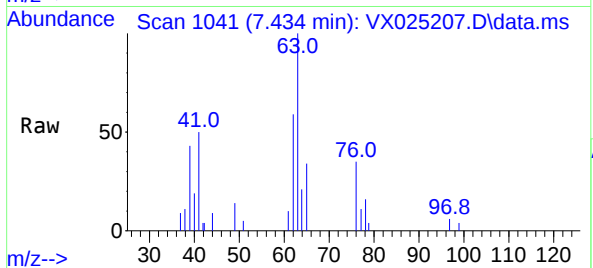
65 34.4 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/19/2021

Supervised By :Mahesh Dadoda 11/26/2021



#46

Dibromomethane

Concen: 2.521 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VX025207.D

Acq: 18 Nov 2021 12:27

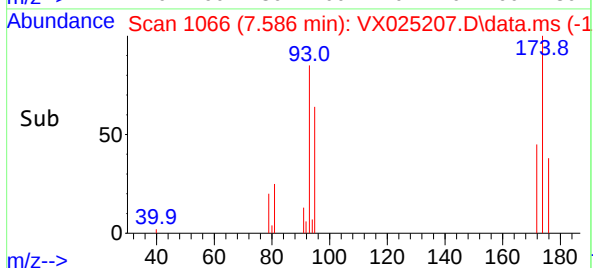
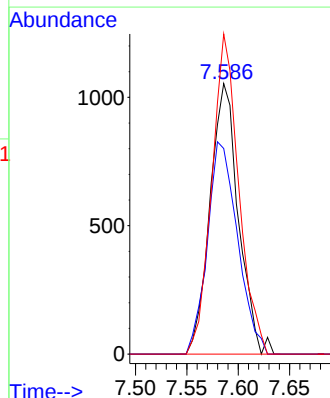
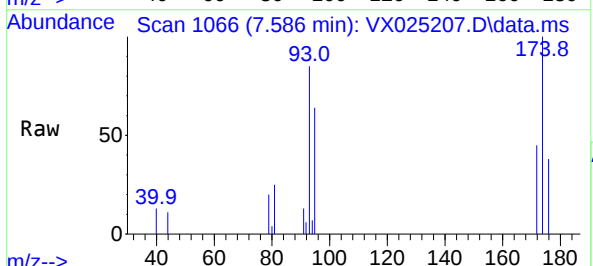
Tgt Ion: 93 Resp: 2027

Ion Ratio Lower Upper

93 100

95 83.4 66.6 100.0

174 112.5 79.2 118.8





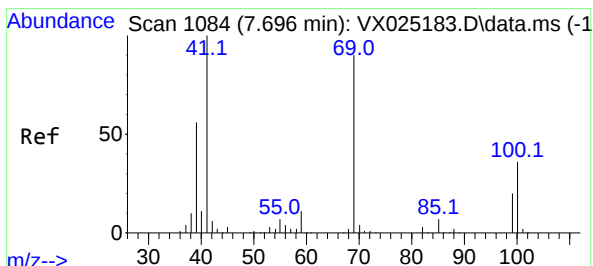
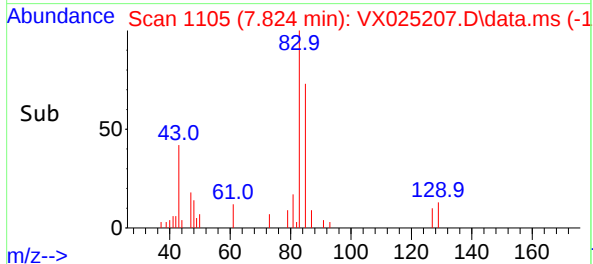
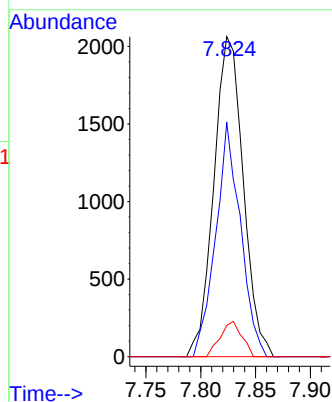
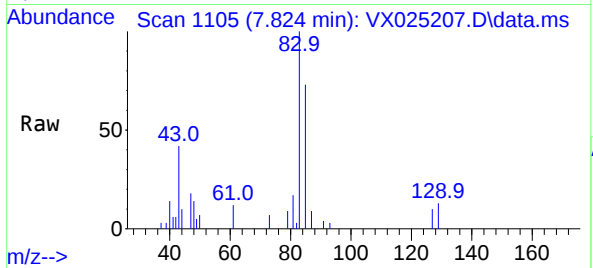
#47
Bromodichloromethane
Concen: 2.438 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX025207.D
Acq: 18 Nov 2021 12:27

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2021

Tgt Ion: 83 Resp: 385
Ion Ratio Lower Upper
83 100
85 73.2 53.5 80.3
127 9.7 7.7 11.5

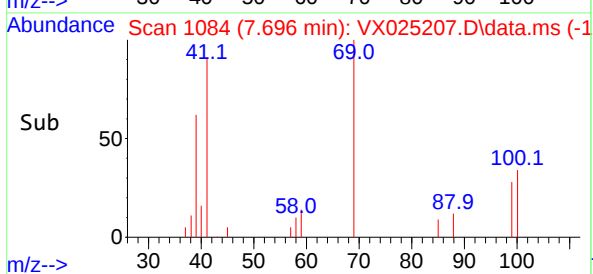
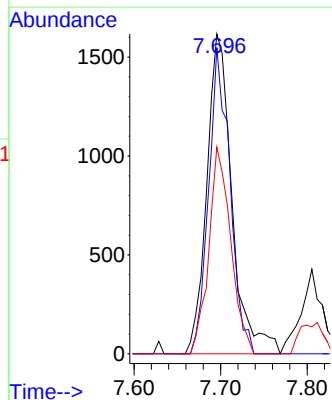
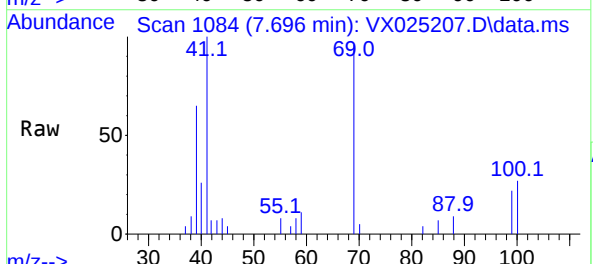
Manual Integrations
APPROVED

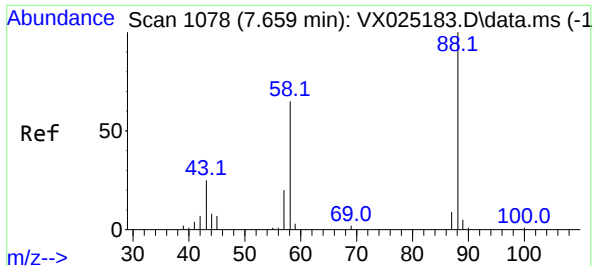
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/26/2021



#48
Methyl methacrylate
Concen: 2.469 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX025207.D
Acq: 18 Nov 2021 12:27

Tgt Ion: 41 Resp: 3267
Ion Ratio Lower Upper
41 100
69 81.0 64.5 96.7
39 56.4 46.9 70.3





#49

1,4-Dioxane

Concen: 49.967 ug/l

RT: 7.665 min Scan# 1078

Delta R.T. 0.006 min

Lab File: VX025207.D

Acq: 18 Nov 2021 12:27

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2021

Tgt Ion: 88 Resp: 1390

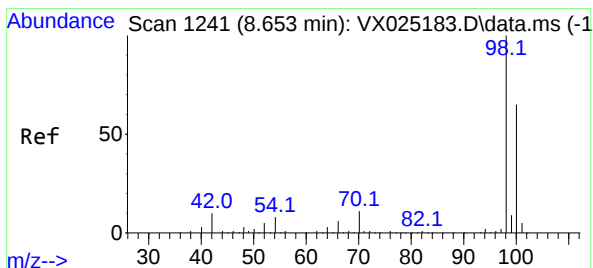
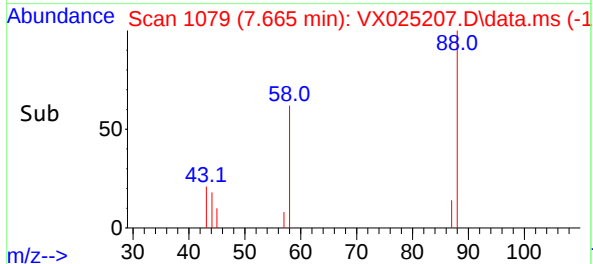
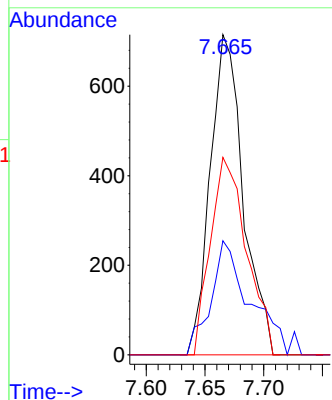
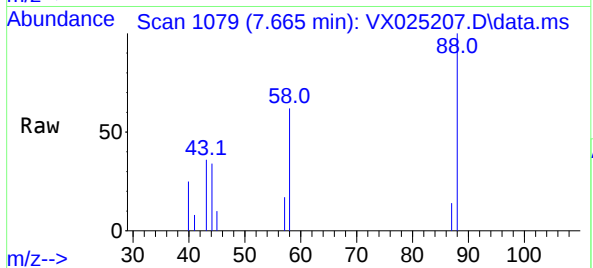
Ion	Ratio	Lower	Upper
88	100		
43	43.3	27.0	40.6
58	67.6	55.2	82.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/19/2021

Supervised By :Mahesh Dadoda 11/26/2021



#50

Toluene-d8

Concen: 51.368 ug/l

RT: 8.653 min Scan# 1241

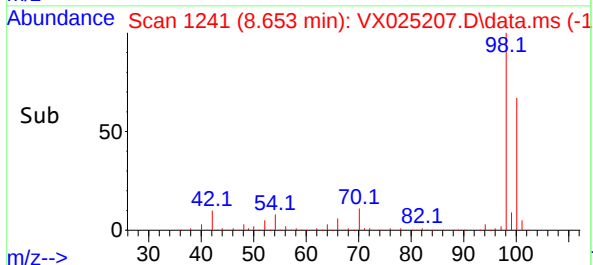
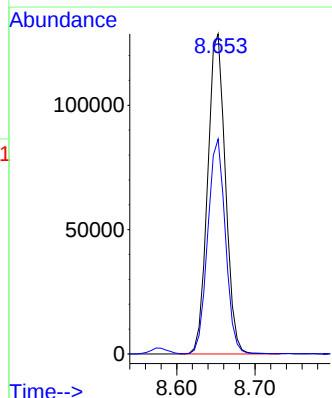
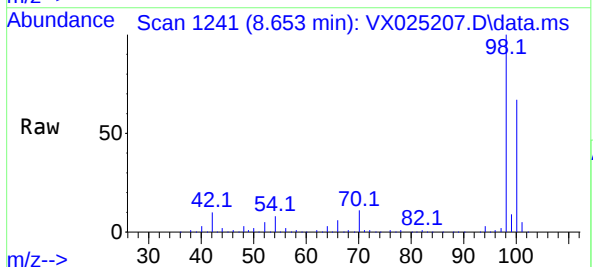
Delta R.T. -0.000 min

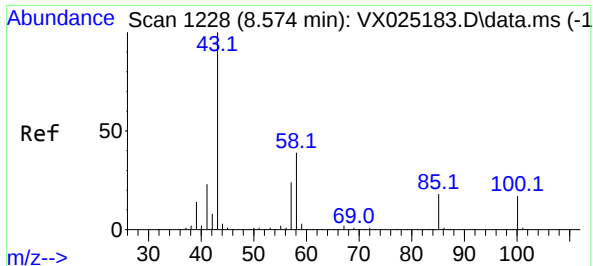
Lab File: VX025207.D

Acq: 18 Nov 2021 12:27

Tgt Ion: 98 Resp: 202215

Ion	Ratio	Lower	Upper
98	100		
100	66.7	51.4	77.0





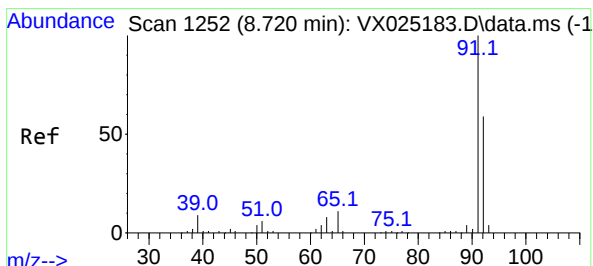
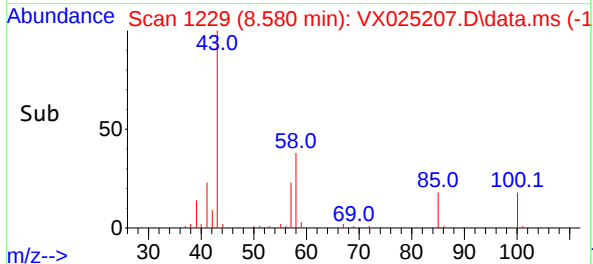
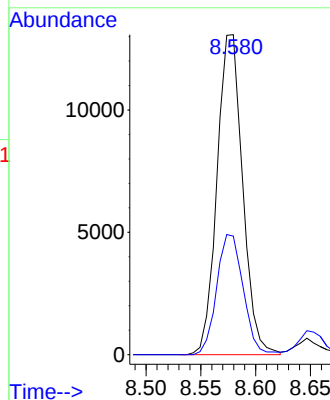
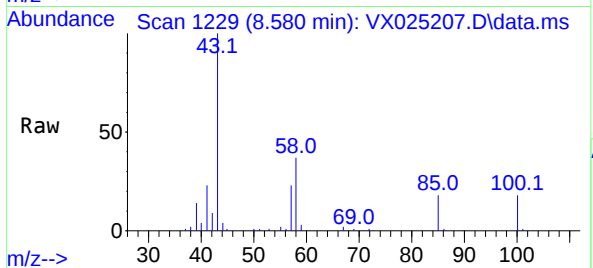
#51
4-Methyl-2-Pentanone
Concen: 12.049 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX025207.D
Acq: 18 Nov 2021 12:27

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2021

Tgt Ion: 43 Resp: 21299
Ion Ratio Lower Upper
43 100
58 38.8 30.9 46.3

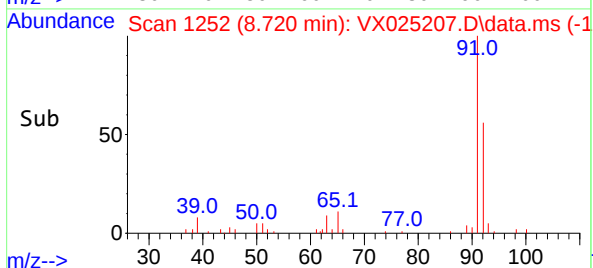
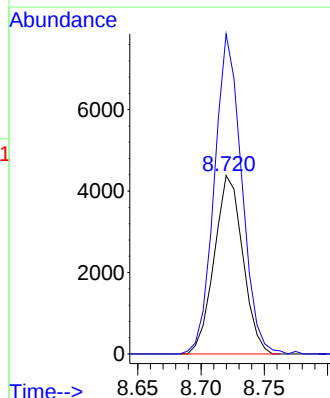
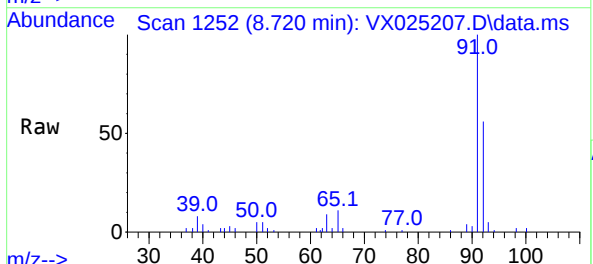
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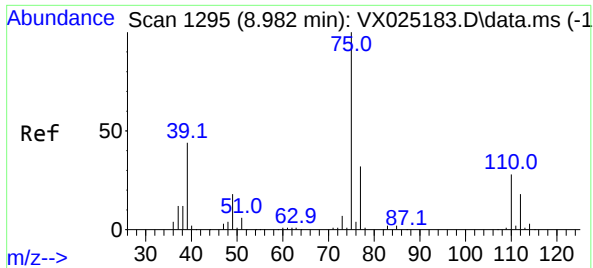
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/26/2021



#52
Toluene
Concen: 2.337 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX025207.D
Acq: 18 Nov 2021 12:27

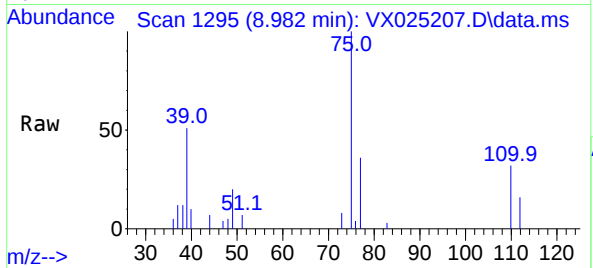
Tgt Ion: 92 Resp: 6880
Ion Ratio Lower Upper
92 100
91 171.9 138.6 208.0





#53
t-1,3-Dichloropropene
Concen: 2.223 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX025207.D
Acq: 18 Nov 2021 12:27

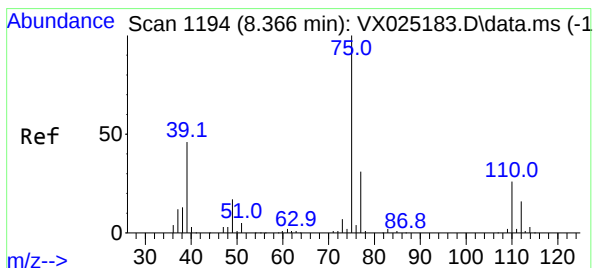
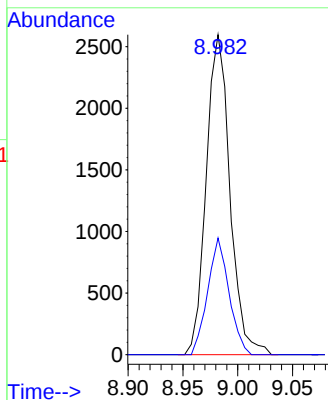
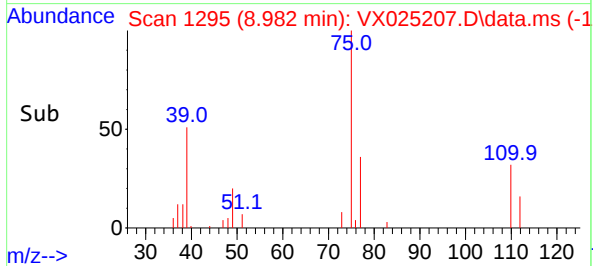
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2021



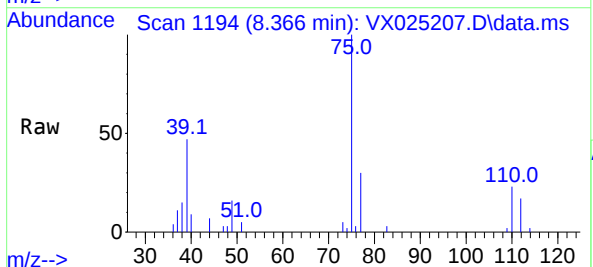
Tgt Ion: 75 Resp: 390
Ion Ratio Lower Upper
75 100
77 36.4 25.6 38.4

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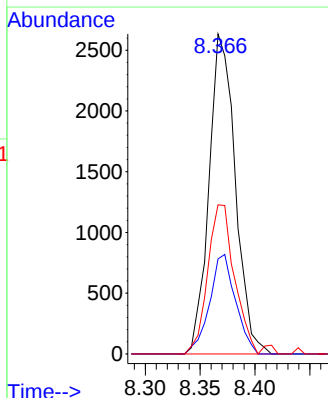
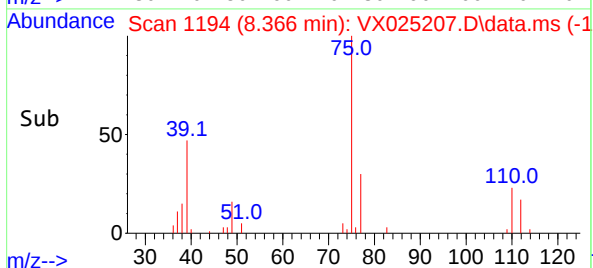
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/26/2021



#54
cis-1,3-Dichloropropene
Concen: 2.311 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX025207.D
Acq: 18 Nov 2021 12:27



Tgt Ion: 75 Resp: 4402
Ion Ratio Lower Upper
75 100
77 29.7 23.8 35.8
39 46.6 38.8 58.2





#55
1,1,2-Trichloroethane
Concen: 2.423 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX025207.D
Acq: 18 Nov 2021 12:27

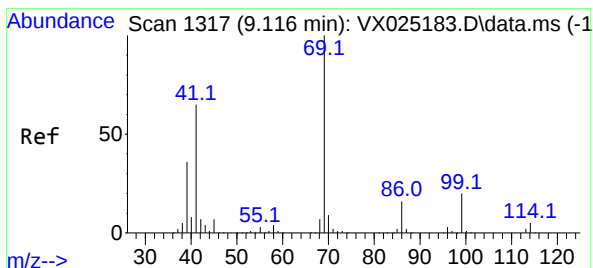
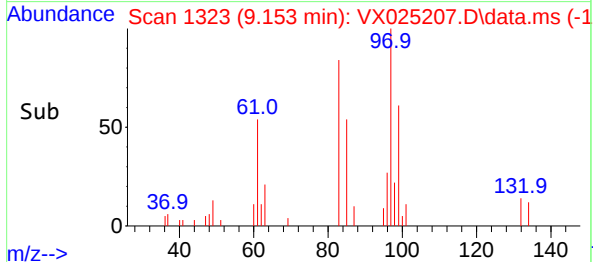
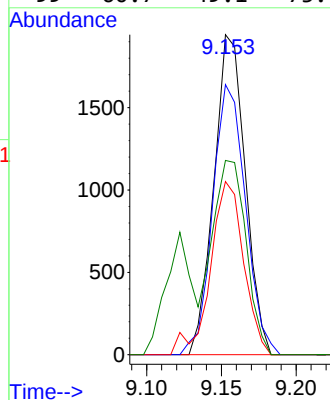
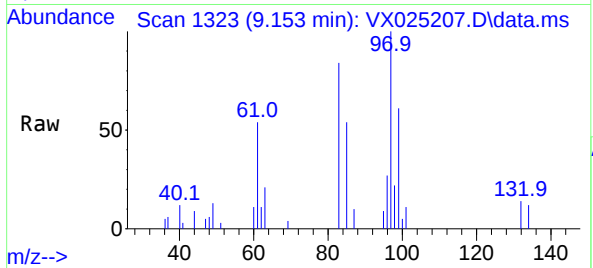
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2021

Tgt Ion: 97 Resp: 2830

Ion	Ratio	Lower	Upper
97	100		
83	84.4	69.2	103.8
85	54.1	43.3	64.9
99	60.7	49.1	73.7

Manual Integrations
APPROVED

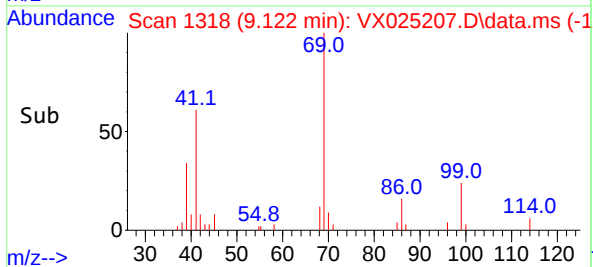
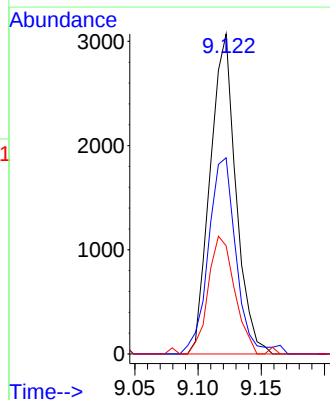
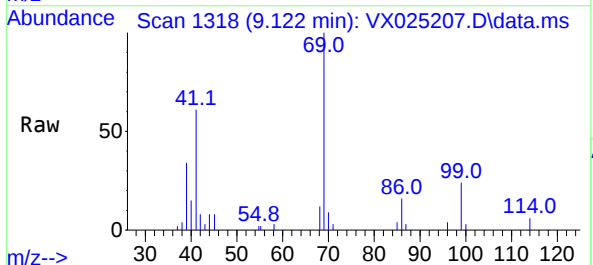
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/26/2021

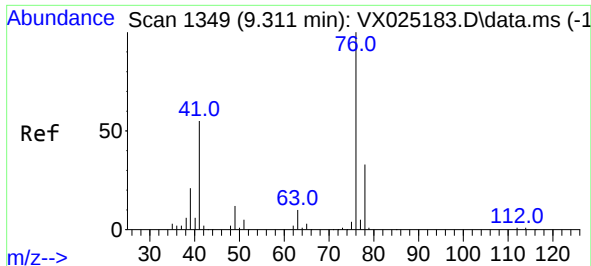


#56
Ethyl methacrylate
Concen: 2.292 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VX025207.D
Acq: 18 Nov 2021 12:27

Tgt Ion: 69 Resp: 4352

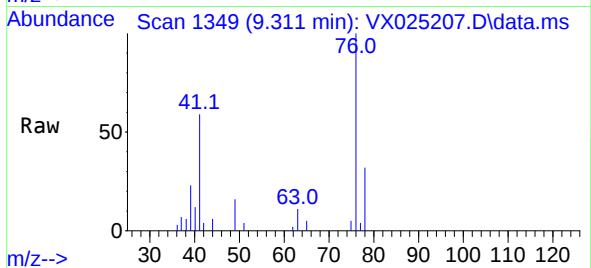
Ion	Ratio	Lower	Upper
69	100		
41	66.0	55.3	82.9
39	37.8	30.2	45.4





#57
1,3-Dichloropropane
Concen: 2.387 ug/l
RT: 9.311 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VX025207.D
Acq: 18 Nov 2021 12:27

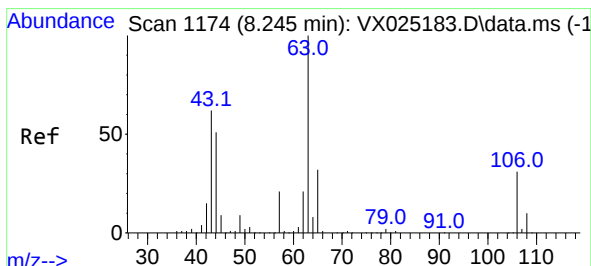
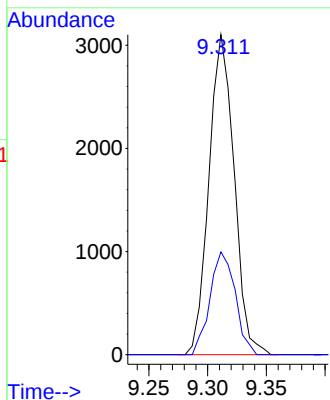
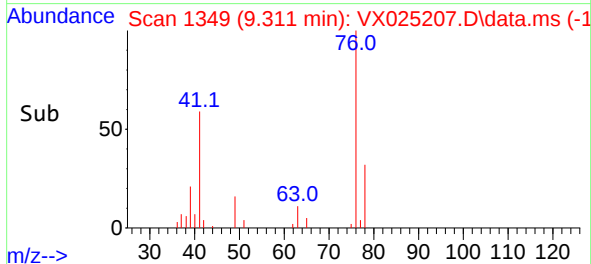
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2021



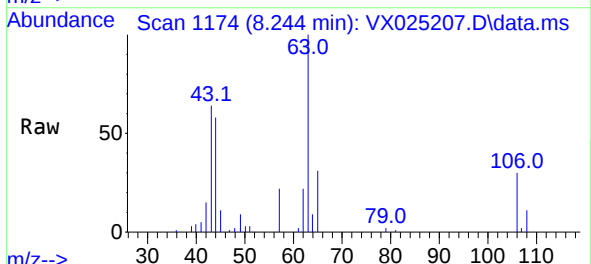
Tgt Ion: 76 Resp: 4629
Ion Ratio Lower Upper
76 100
78 32.2 25.8 38.8

Manual Integrations
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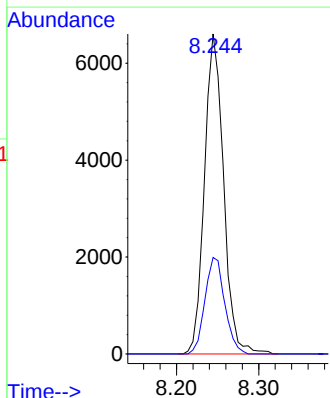
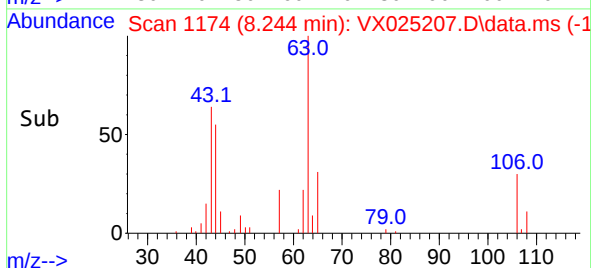
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/26/2021



#58
2-Chloroethyl Vinyl ether
Concen: 12.065 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. -0.001 min
Lab File: VX025207.D
Acq: 18 Nov 2021 12:27



Tgt Ion: 63 Resp: 10660
Ion Ratio Lower Upper
63 100
106 31.2 22.8 34.2





#59

2-Hexanone

Concen: 11.353 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX025207.D

Acq: 18 Nov 2021 12:27

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2021

Tgt Ion: 43 Resp: 1582

Ion Ratio Lower Upper

43 100

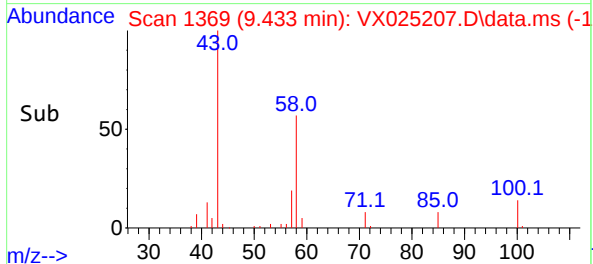
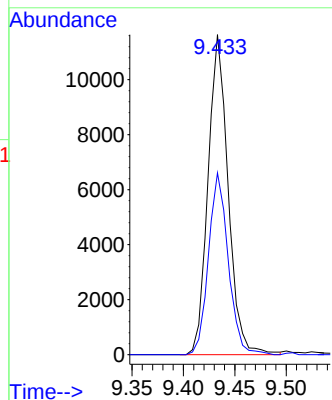
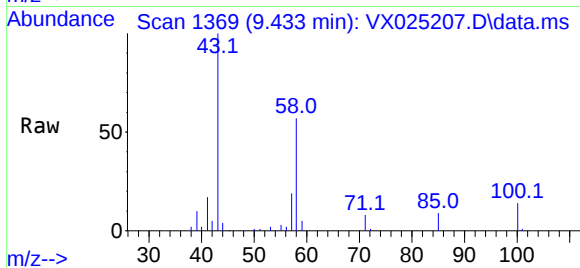
58 55.8 26.6 79.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/19/2021

Supervised By :Mahesh Dadoda 11/26/2021



#60

Dibromochloromethane

Concen: 2.270 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VX025207.D

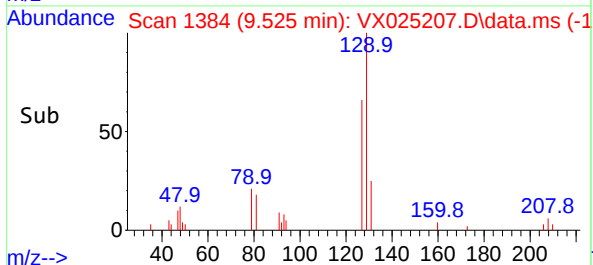
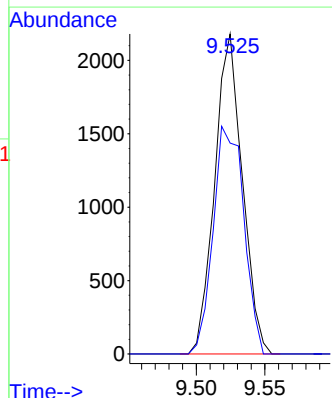
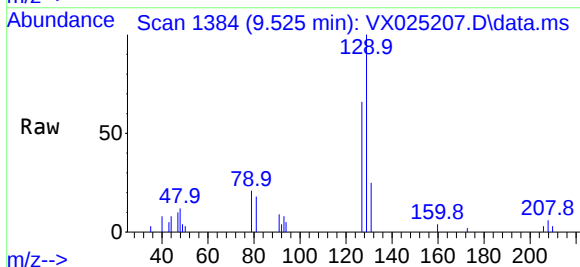
Acq: 18 Nov 2021 12:27

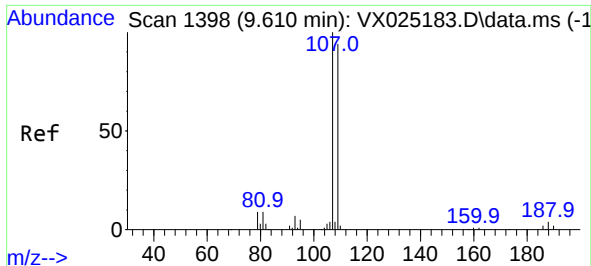
Tgt Ion:129 Resp: 3058

Ion Ratio Lower Upper

129 100

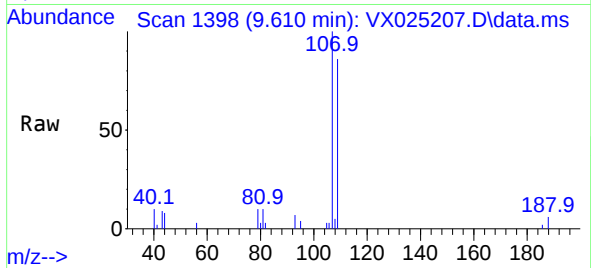
127 78.6 38.5 115.5





#61
1,2-Dibromoethane
Concen: 2.378 ug/l
RT: 9.610 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025207.D
Acq: 18 Nov 2021 12:27

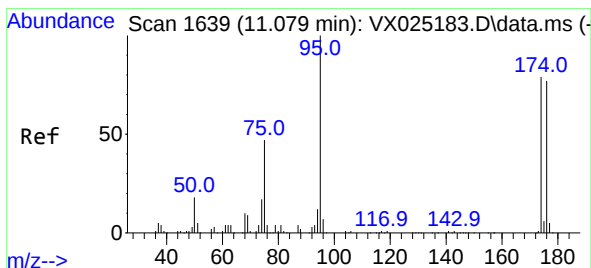
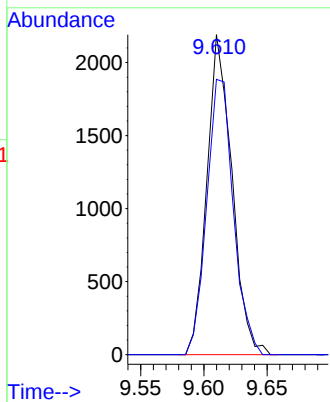
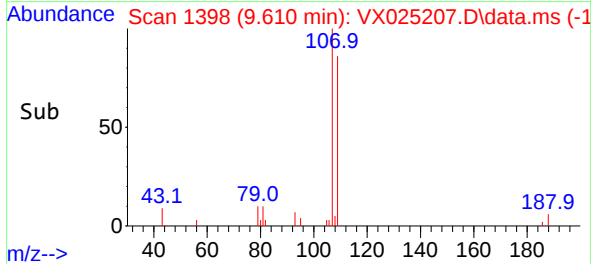
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2021



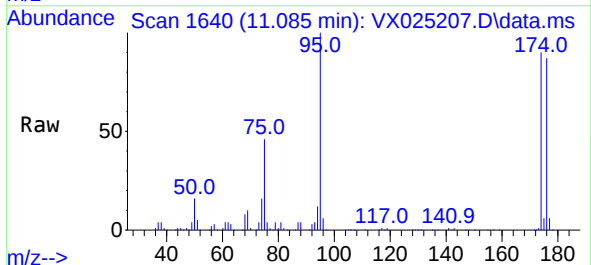
Tgt Ion:107 Resp: 3014
Ion Ratio Lower Upper
107 100
109 91.9 74.4 111.6

Manual Integrations
APPROVED

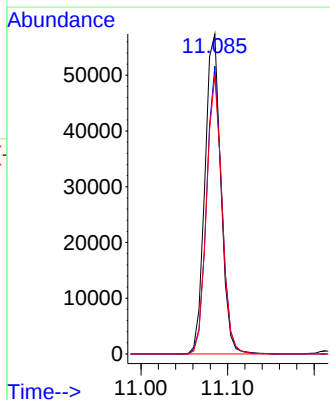
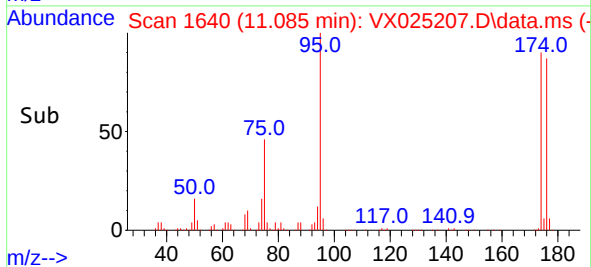
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/26/2021



#62
4-Bromofluorobenzene
Concen: 49.198 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX025207.D
Acq: 18 Nov 2021 12:27



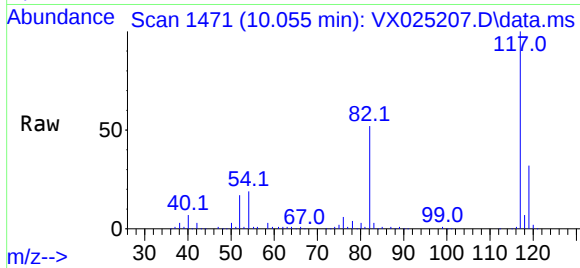
Tgt Ion: 95 Resp: 73268
Ion Ratio Lower Upper
95 100
174 85.8 0.0 158.0
176 84.1 0.0 153.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX025207.D
Acq: 18 Nov 2021 12:27

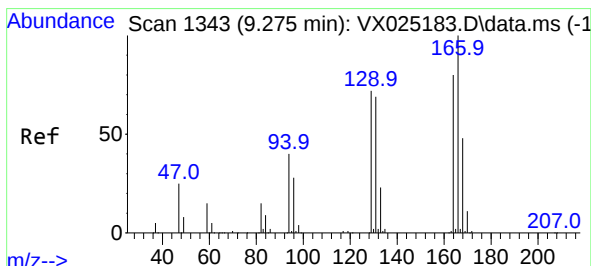
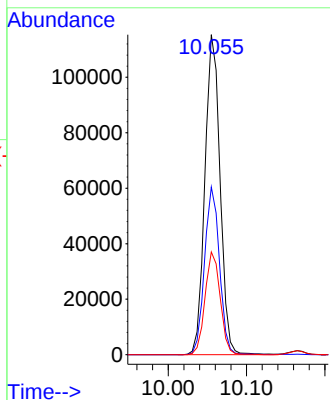
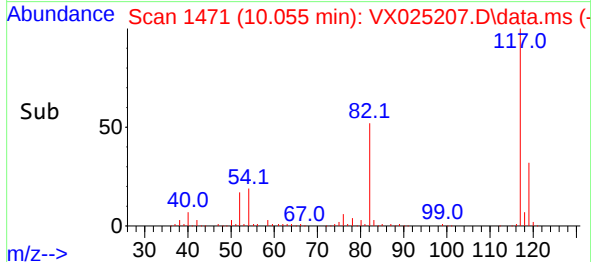
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2021



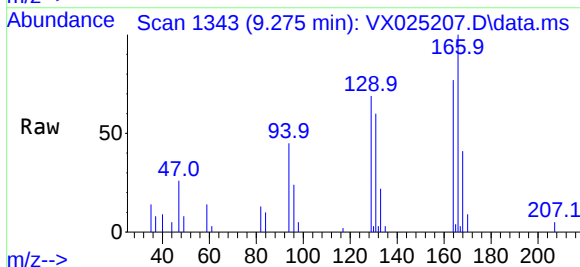
Tgt Ion:117 Resp: 15500
Ion Ratio Lower Upper
117 100
82 52.4 44.6 67.0
119 32.1 24.8 37.2

Manual Integrations
APPROVED

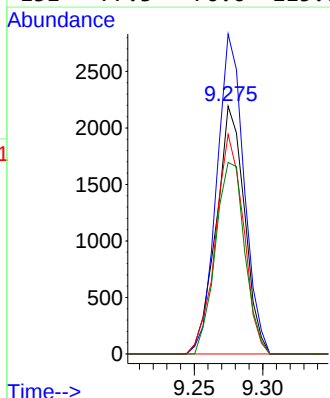
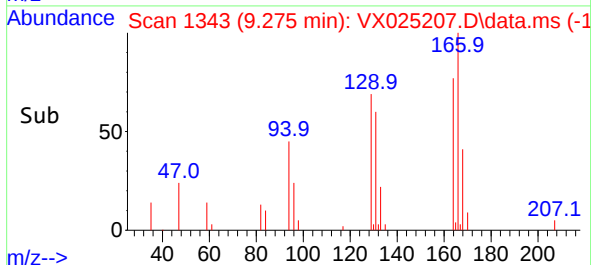
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/26/2021

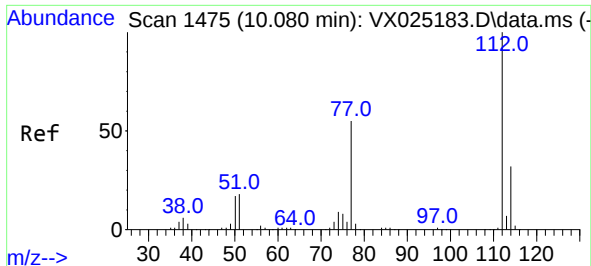


#64
Tetrachloroethene
Concen: 2.468 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX025207.D
Acq: 18 Nov 2021 12:27



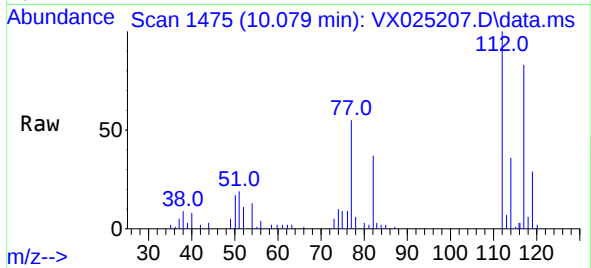
Tgt Ion:164 Resp: 3154
Ion Ratio Lower Upper
164 100
166 129.1 103.2 154.8
129 88.6 81.0 121.4
131 77.3 76.6 115.0





#65
Chlorobenzene
Concen: 2.363 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.001 min
Lab File: VX025207.D
Acq: 18 Nov 2021 12:27

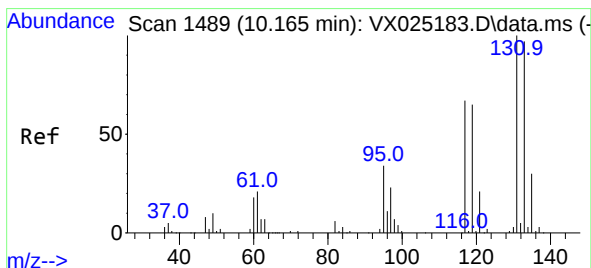
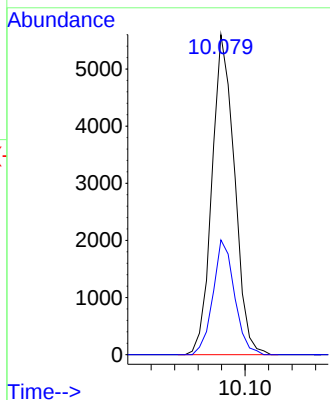
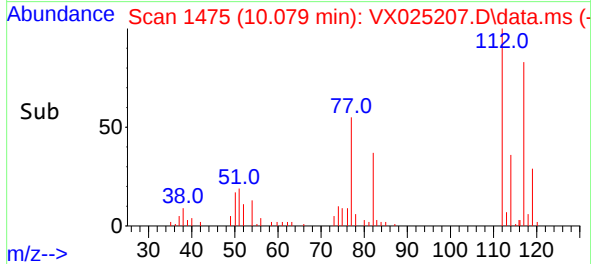
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2021



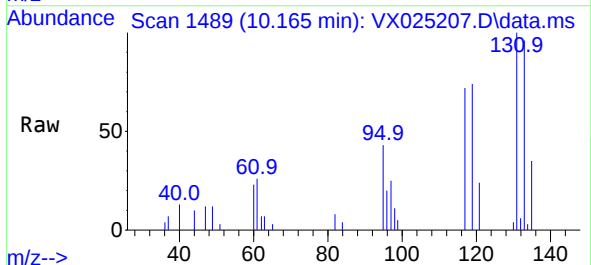
Tgt Ion:112 Resp: 746
Ion Ratio Lower Upper
112 100
114 35.9 25.8 38.6

Manual Integrations
APPROVED

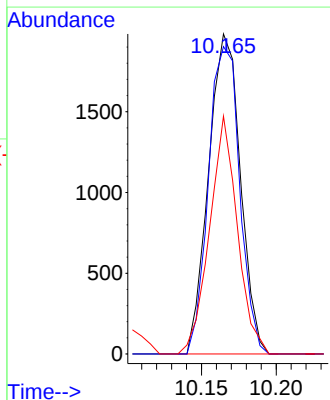
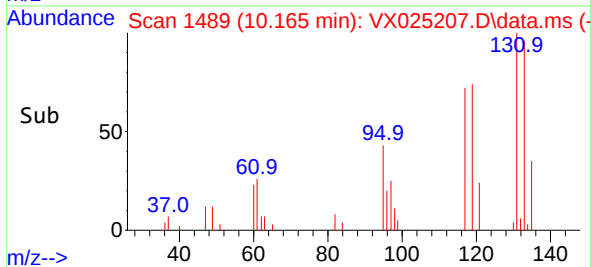
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/26/2021

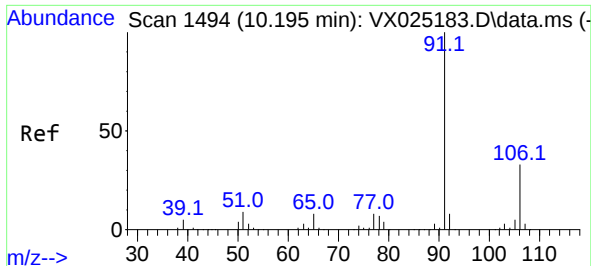


#66
1,1,1,2-Tetrachloroethane
Concen: 2.416 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX025207.D
Acq: 18 Nov 2021 12:27



Tgt Ion:131 Resp: 2927
Ion Ratio Lower Upper
131 100
133 94.4 48.1 144.4
119 65.1 32.0 96.0





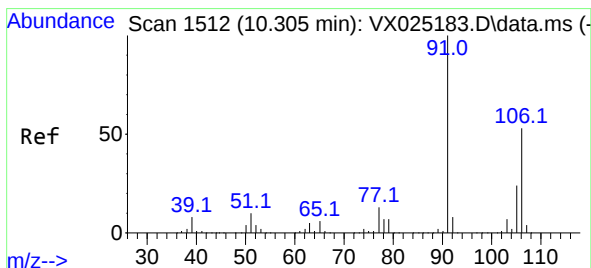
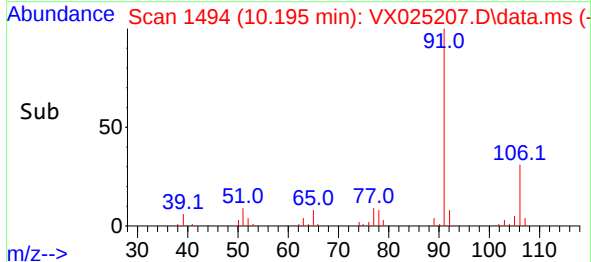
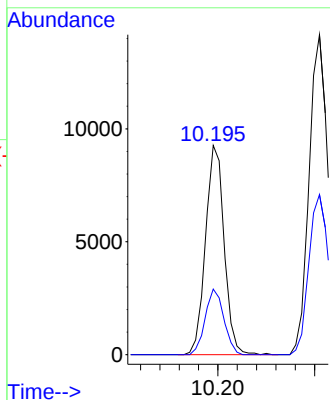
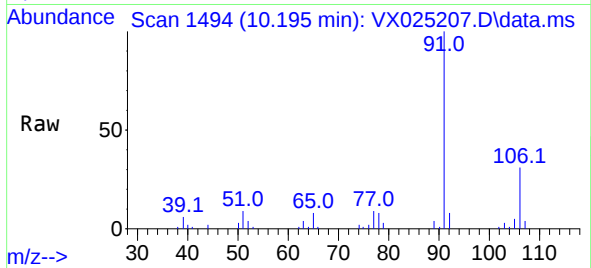
#67
Ethyl Benzene
Concen: 2.272 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX025207.D
Acq: 18 Nov 2021 12:27

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2021

Tgt Ion: 91 Resp: 1240
Ion Ratio Lower Upper
91 100
106 31.3 24.7 37.1

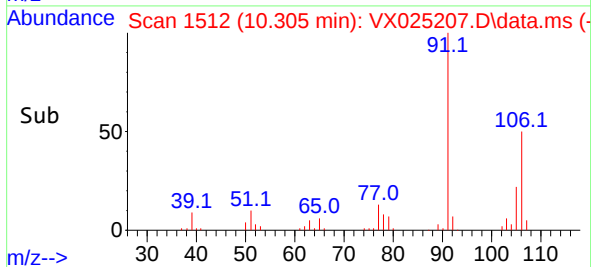
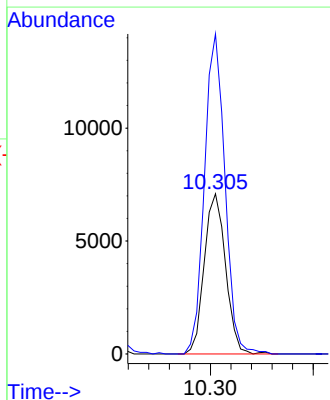
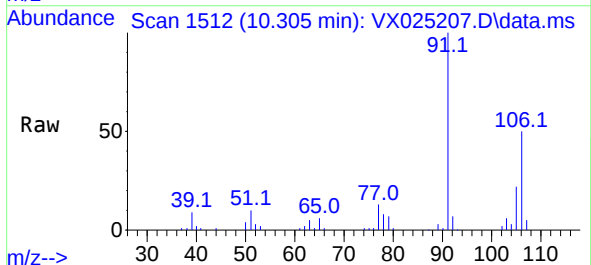
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/26/2021



#68
m/p-Xylenes
Concen: 4.593 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX025207.D
Acq: 18 Nov 2021 12:27

Tgt Ion:106 Resp: 10241
Ion Ratio Lower Upper
106 100
91 191.4 163.4 245.0





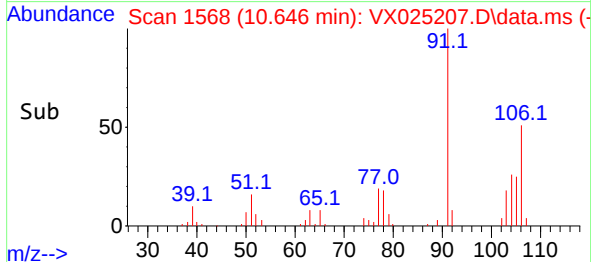
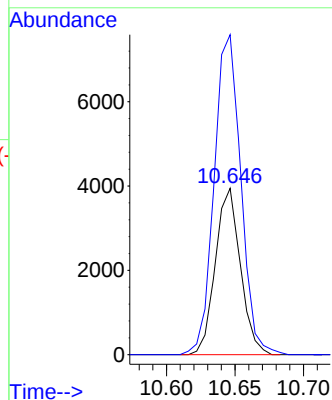
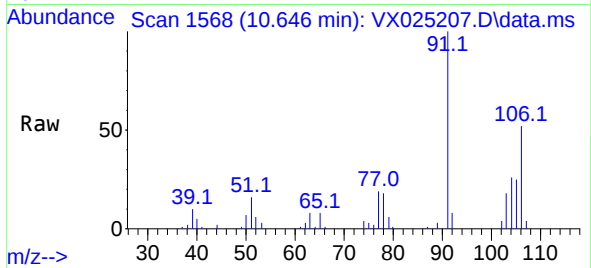
#69
o-Xylene
Concen: 2.296 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. -0.001 min
Lab File: VX025207.D
Acq: 18 Nov 2021 12:27

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2021

Tgt Ion:106 Resp: 501
Ion Ratio Lower Upper
106 100
91 204.9 109.5 328.4

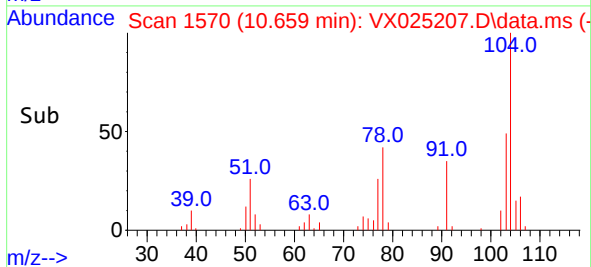
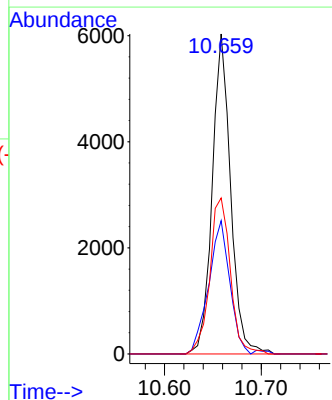
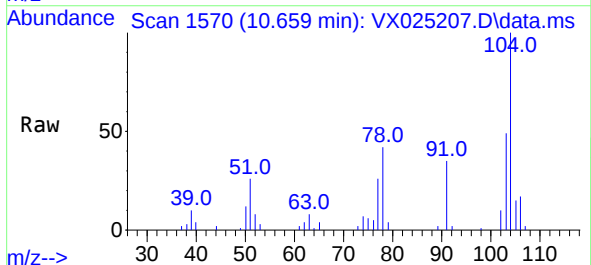
Manual Integrations
APPROVED

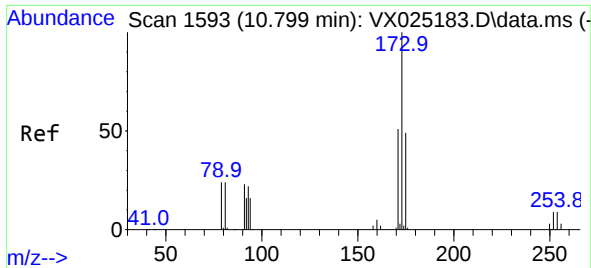
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/26/2021



#70
Styrene
Concen: 2.211 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX025207.D
Acq: 18 Nov 2021 12:27

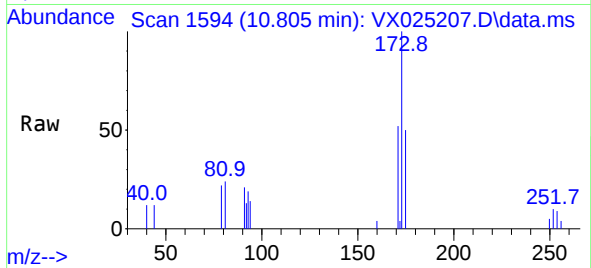
Tgt Ion:104 Resp: 7972
Ion Ratio Lower Upper
104 100
78 47.8 41.3 61.9
103 54.6 43.5 65.3





#71
Bromoform
Concen: 2.172 ug/l
RT: 10.805 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX025207.D
Acq: 18 Nov 2021 12:27

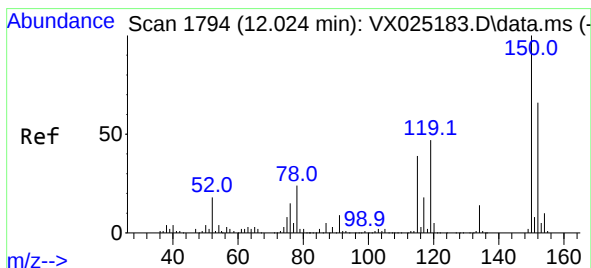
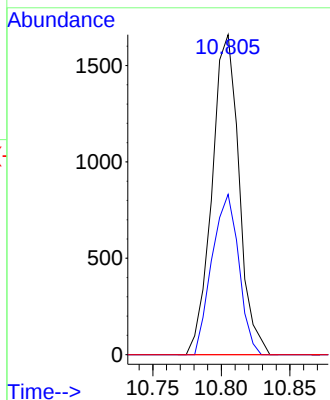
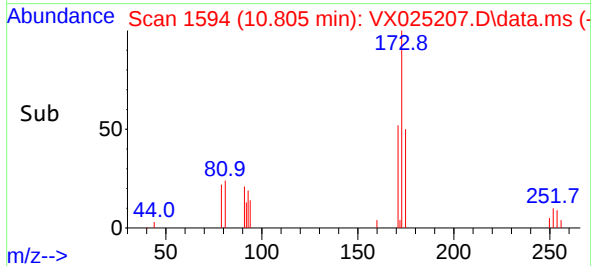
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2021



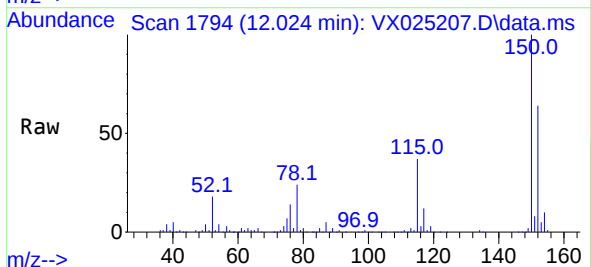
Tgt Ion:173 Resp: 2284
Ion Ratio Lower Upper
173 100
175 49.5 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

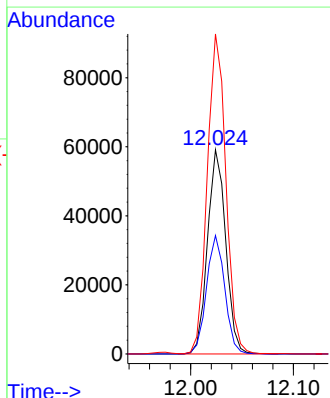
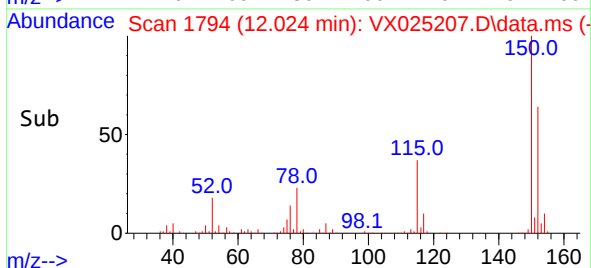
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/26/2021

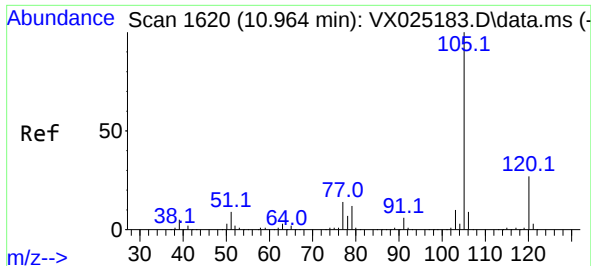


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX025207.D
Acq: 18 Nov 2021 12:27



Tgt Ion:152 Resp: 72823
Ion Ratio Lower Upper
152 100
115 58.3 43.3 129.8
150 160.2 0.0 351.2





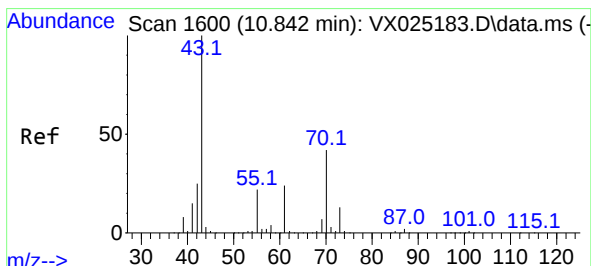
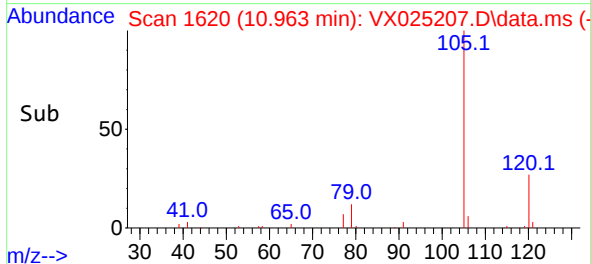
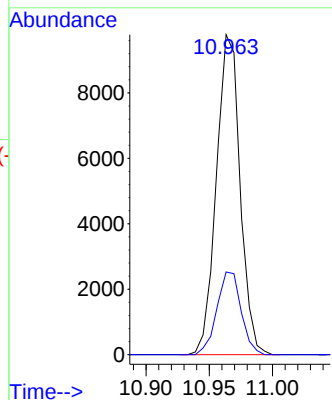
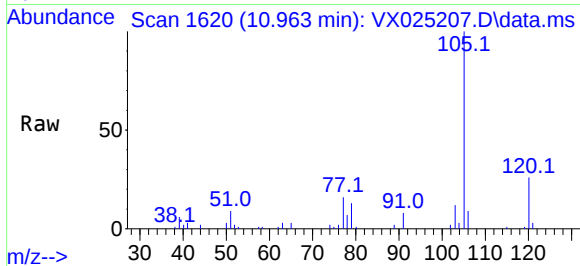
#73
Isopropylbenzene
Concen: 2.451 ug/l
RT: 10.963 min Scan# 1601
Delta R.T. -0.001 min
Lab File: VX025207.D
Acq: 18 Nov 2021 12:27

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2021

Tgt Ion: 105 Resp: 1272
Ion Ratio Lower Upper
105 100
120 26.5 13.3 39.8

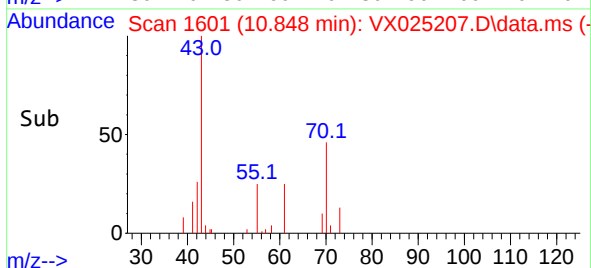
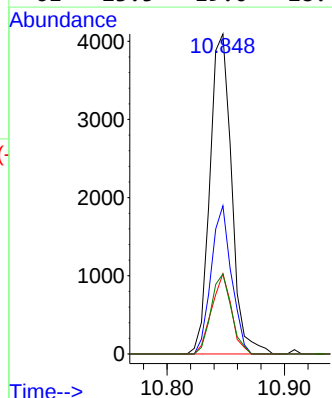
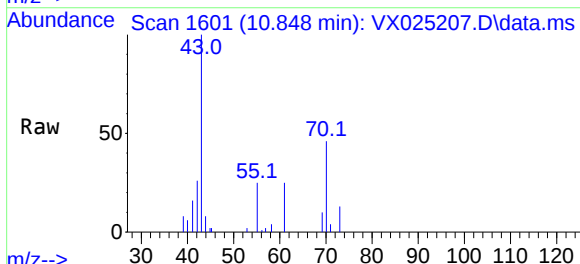
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/26/2021



#74
N-ethyl acetate
Concen: 2.337 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VX025207.D
Acq: 18 Nov 2021 12:27

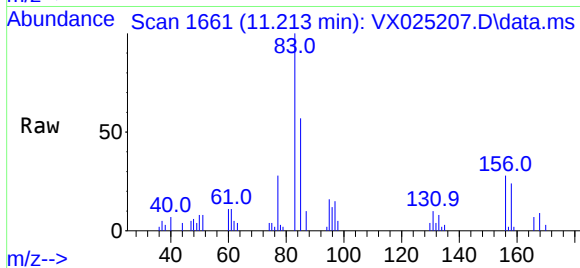
Tgt Ion: 43 Resp: 5246
Ion Ratio Lower Upper
43 100
70 43.4 33.7 50.5
55 22.8 19.7 29.5
61 23.5 19.0 28.4





#75
1,1,2,2-Tetrachloroethane
Concen: 2.528 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.001 min
Lab File: VX025207.D
Acq: 18 Nov 2021 12:27

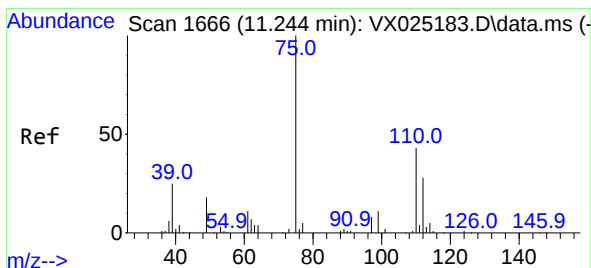
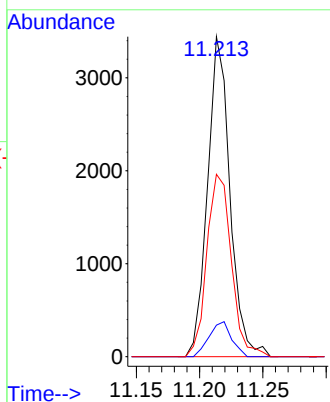
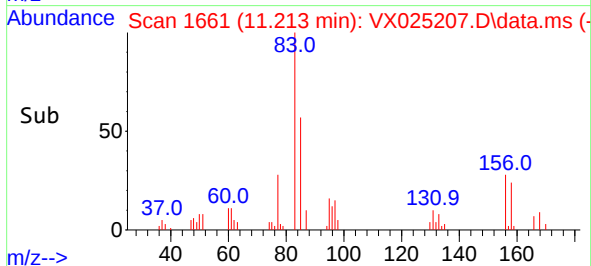
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2021



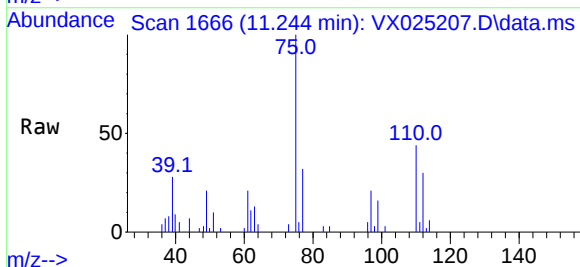
Tgt Ion: 83 Resp: 4244
Ion Ratio Lower Upper
83 100
131 11.0 5.3 16.1
85 62.4 32.3 96.9

Manual Integrations
APPROVED

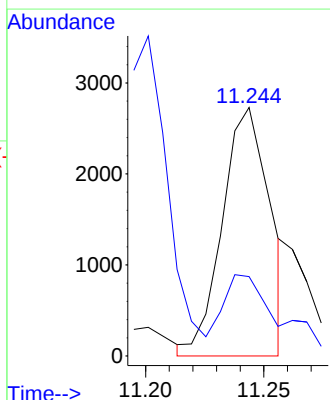
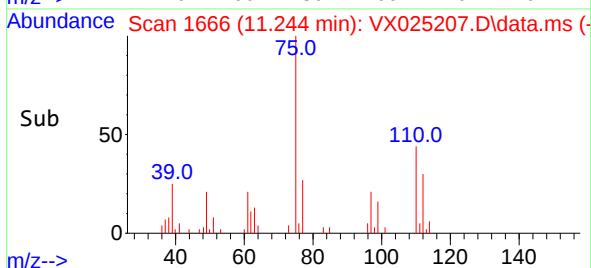
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/26/2021



#76
1,2,3-Trichloropropane
Concen: 2.553 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VX025207.D
Acq: 18 Nov 2021 12:27



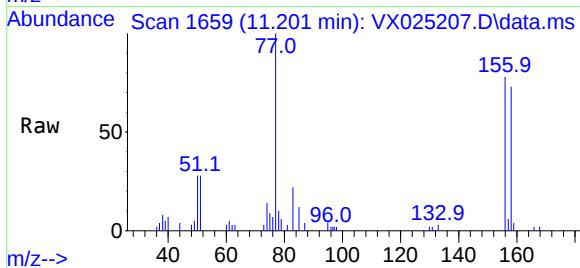
Tgt Ion: 75 Resp: 3807
Ion Ratio Lower Upper
75 100
77 39.4 20.0 59.9





#77
Bromobenzene
Concen: 2.499 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX025207.D
Acq: 18 Nov 2021 12:27

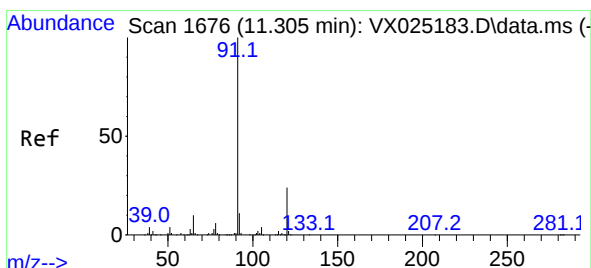
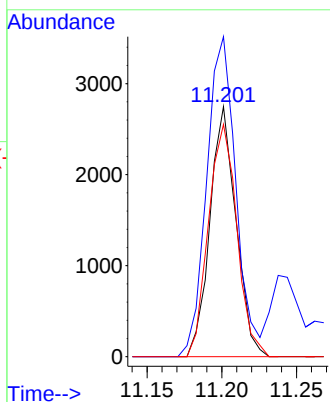
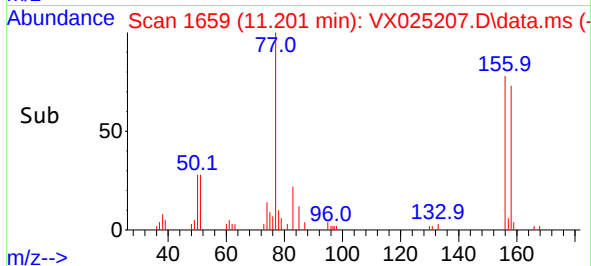
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2021



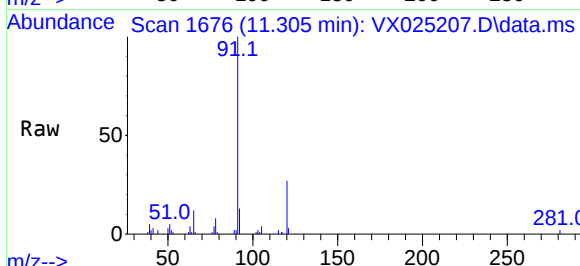
Tgt Ion:156 Resp: 3330
Ion Ratio Lower Upper
156 100
77 142.9 78.3 234.8
158 101.1 48.9 146.6

Manual Integrations
APPROVED

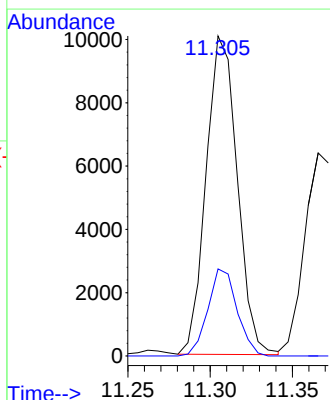
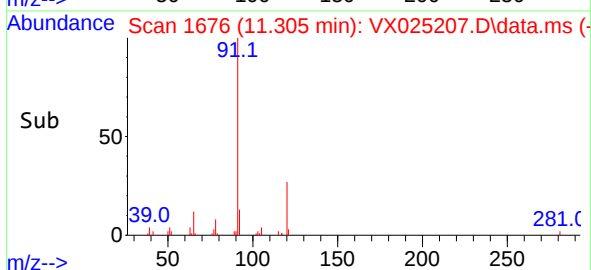
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/26/2021

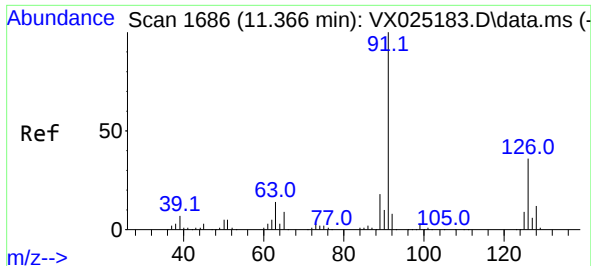


#78
n-propylbenzene
Concen: 2.277 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX025207.D
Acq: 18 Nov 2021 12:27



Tgt Ion: 91 Resp: 13268
Ion Ratio Lower Upper
91 100
120 25.6 11.7 35.0





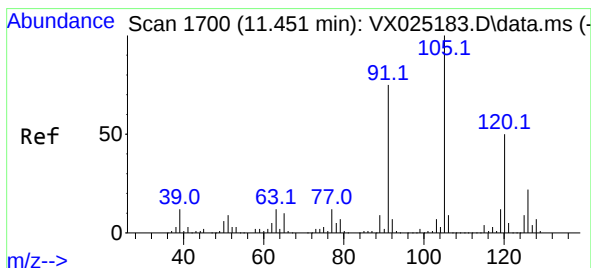
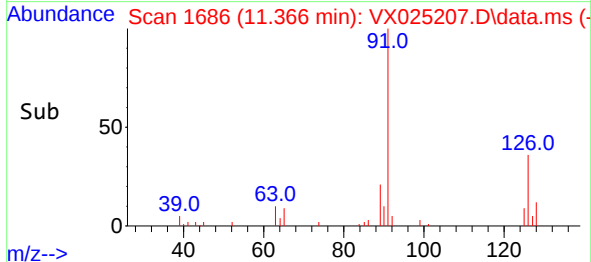
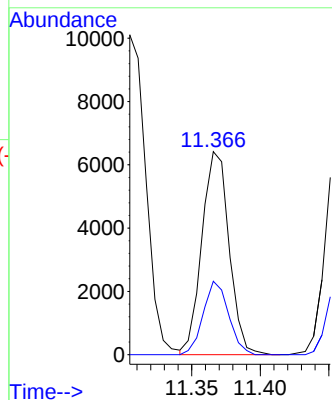
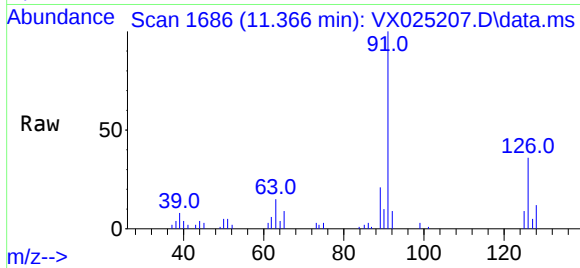
#79
2-Chlorotoluene
Concen: 2.499 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX025207.D
Acq: 18 Nov 2021 12:27

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2021

Tgt Ion: 91 Resp: 886
Ion Ratio Lower Upper
91 100
126 33.7 17.0 50.9

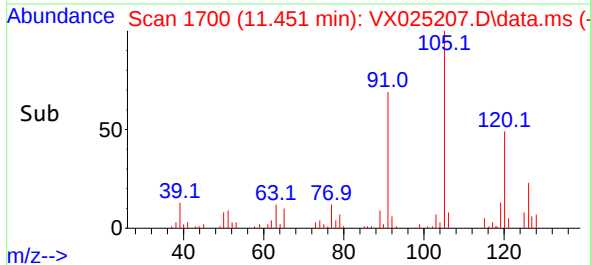
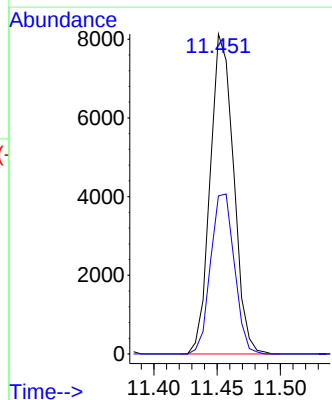
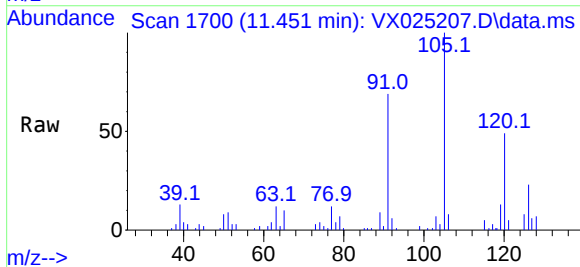
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Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/26/2021



#80
1,3,5-Trimethylbenzene
Concen: 2.402 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX025207.D
Acq: 18 Nov 2021 12:27

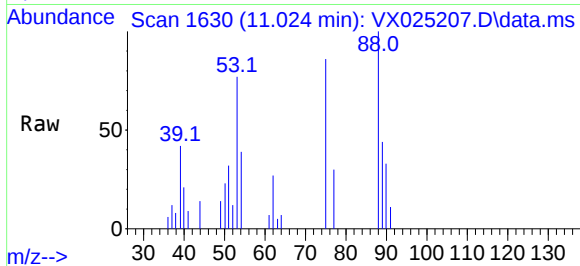
Tgt Ion:105 Resp: 10479
Ion Ratio Lower Upper
105 100
120 50.7 23.8 71.5





#81
trans-1,4-Dichloro-2-butene
Concen: 2.063 ug/l
RT: 11.024 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VX025207.D
Acq: 18 Nov 2021 12:27

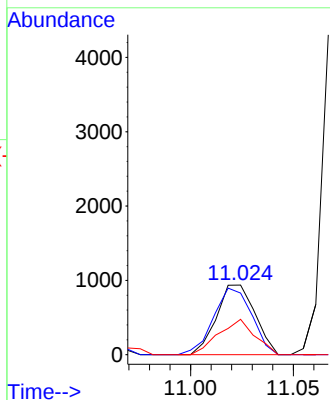
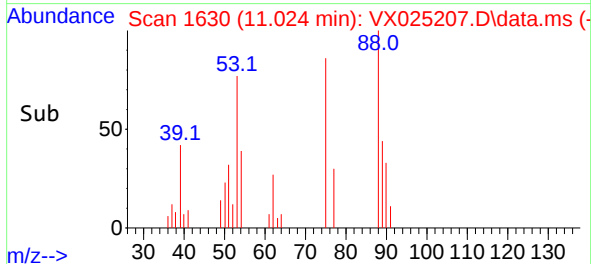
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2021



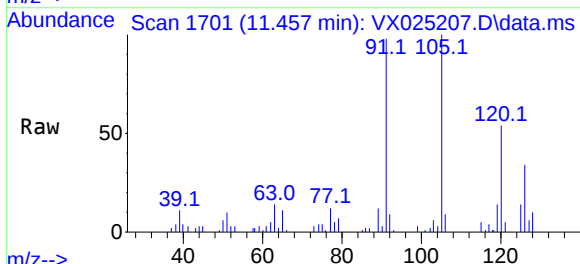
Tgt Ion: 75 Resp: 122
Ion Ratio Lower Upper
75 100
53 95.1 81.9 122.9
89 47.7 38.2 57.2

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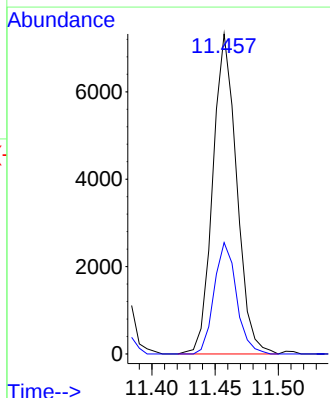
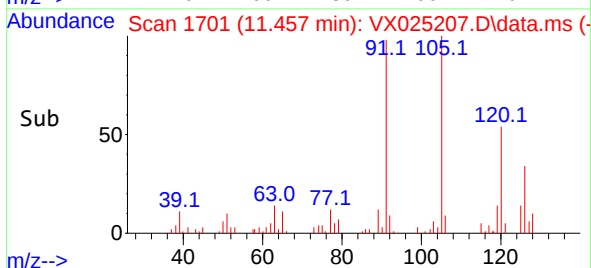
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/26/2021



#82
4-Chlorotoluene
Concen: 2.371 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX025207.D
Acq: 18 Nov 2021 12:27



Tgt Ion: 91 Resp: 9599
Ion Ratio Lower Upper
91 100
126 32.5 14.9 44.5





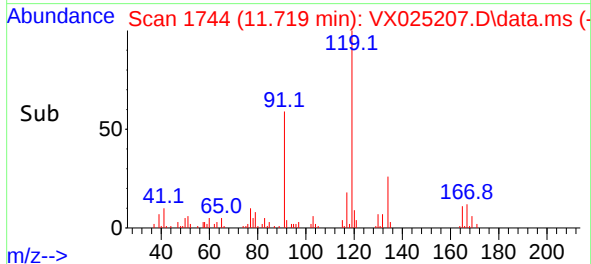
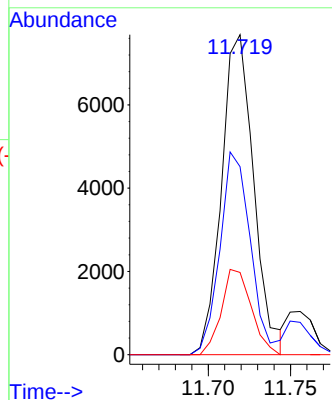
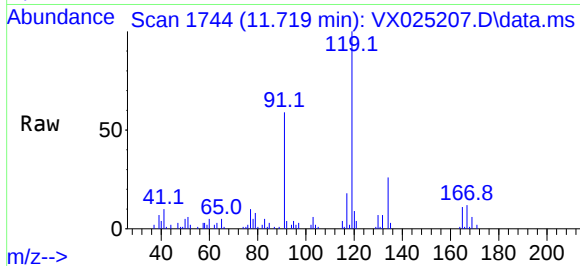
#83
tert-Butylbenzene
Concen: 2.363 ug/l
RT: 11.719 min Scan# 1744
Delta R.T. -0.001 min
Lab File: VX025207.D
Acq: 18 Nov 2021 12:27

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2021

Tgt Ion:119 Resp: 10475
Ion Ratio Lower Upper
119 100
91 59.3 30.3 90.9
134 24.8 11.4 34.1

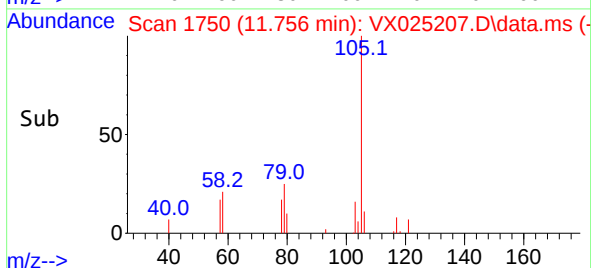
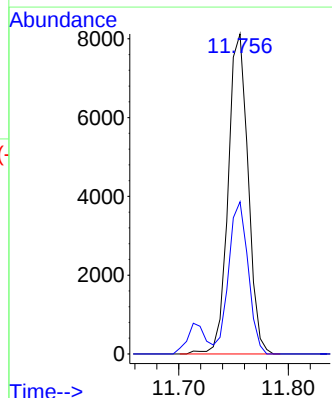
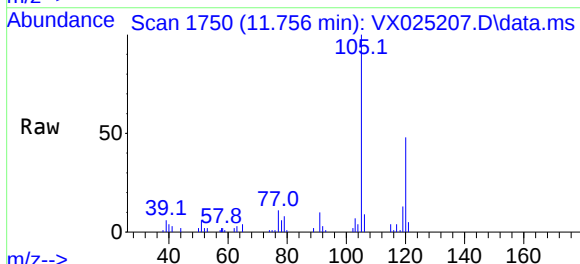
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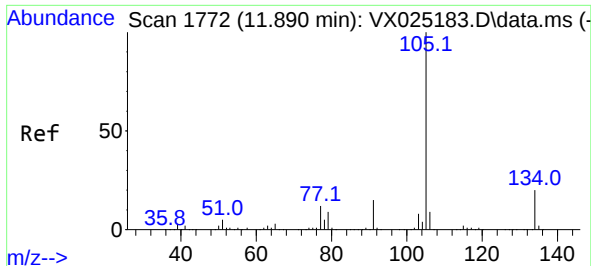
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/26/2021



#84
1,2,4-Trimethylbenzene
Concen: 2.374 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX025207.D
Acq: 18 Nov 2021 12:27

Tgt Ion:105 Resp: 10237
Ion Ratio Lower Upper
105 100
120 46.6 22.1 66.3





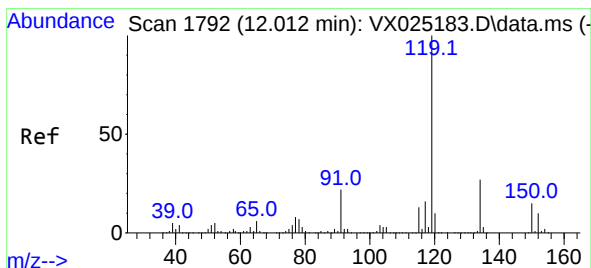
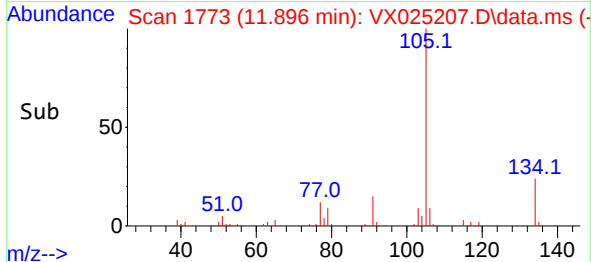
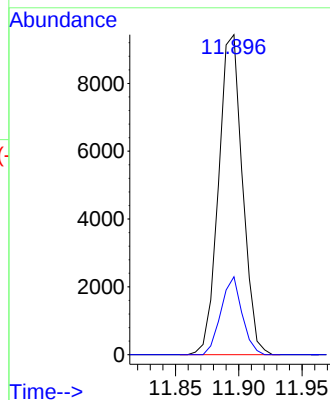
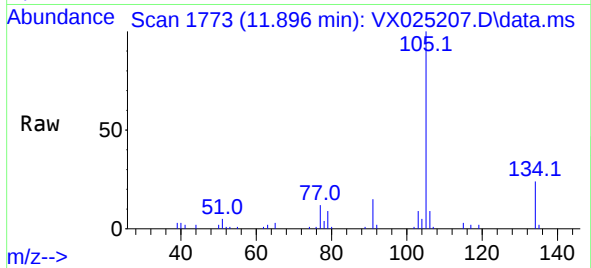
#85
 sec-Butylbenzene
 Concen: 2.296 ug/l
 RT: 11.896 min Scan# 11896
 Delta R.T. 0.006 min
 Lab File: VX025207.D
 Acq: 18 Nov 2021 12:27

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT4-2021

Tgt Ion:105 Resp: 12375
 Ion Ratio Lower Upper
 105 100
 134 21.5 10.2 30.4

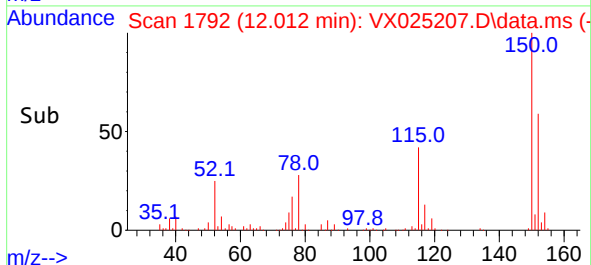
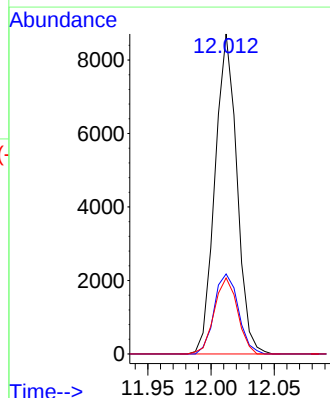
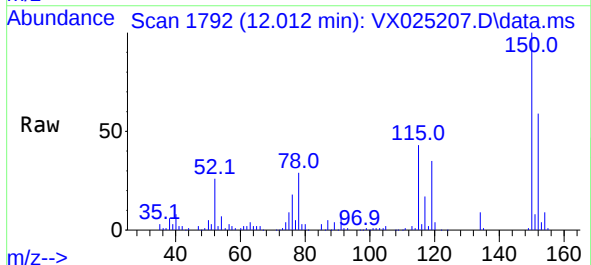
Manual Integrations
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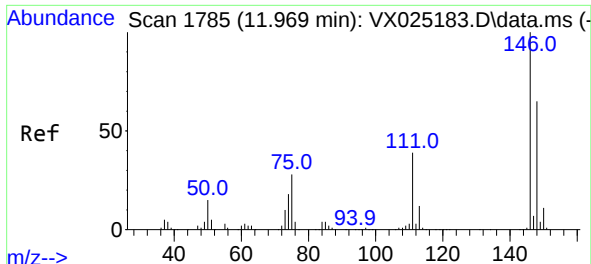
Reviewed By :John Carlone 11/19/2021
 Supervised By :Mahesh Dadoda 11/26/2021



#86
 p-Isopropyltoluene
 Concen: 2.259 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX025207.D
 Acq: 18 Nov 2021 12:27

Tgt Ion:119 Resp: 10462
 Ion Ratio Lower Upper
 119 100
 134 27.5 13.2 39.5
 91 25.2 12.4 37.0





#87

1,3-Dichlorobenzene

Concen: 2.370 ug/l

RT: 11.975 min Scan# 1785

Delta R.T. 0.006 min

Lab File: VX025207.D

Acq: 18 Nov 2021 12:27

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2021

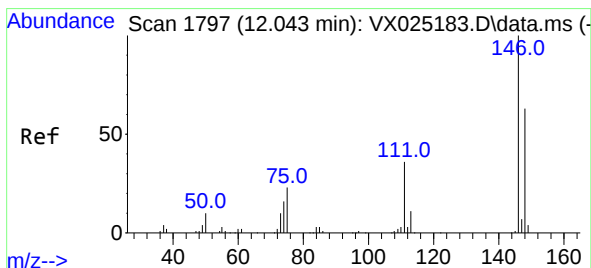
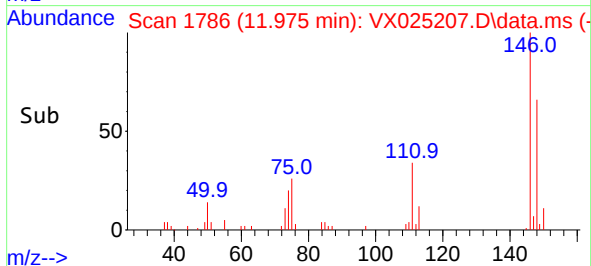
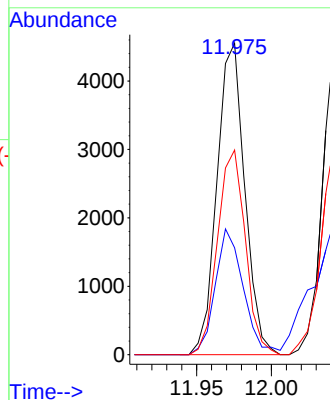
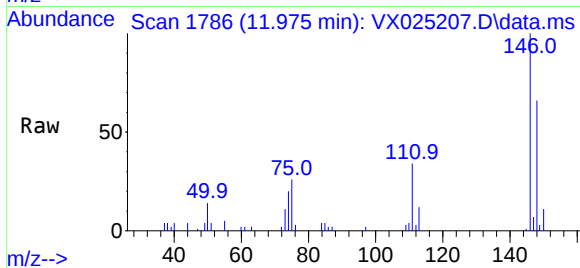
Tgt Ion:146 Resp: 5889
 Ion Ratio Lower Upper
 146 100
 111 40.9 20.6 61.9
 148 65.8 32.0 96.2

Manual Integrations

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#88

1,4-Dichlorobenzene

Concen: 2.388 ug/l

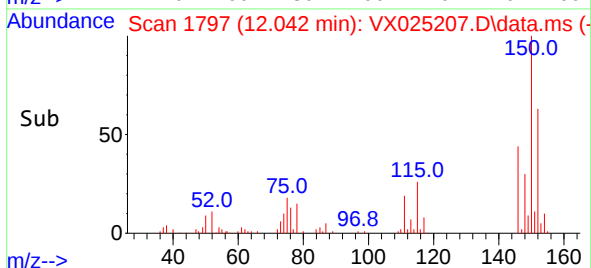
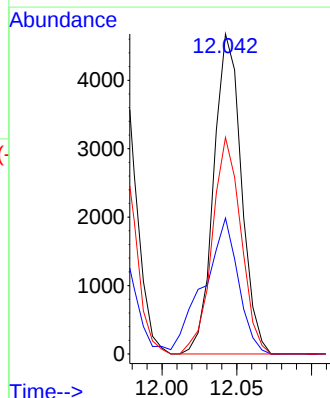
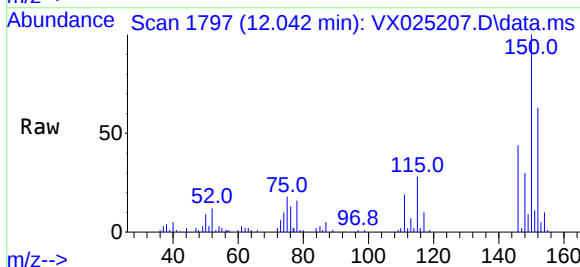
RT: 12.042 min Scan# 1797

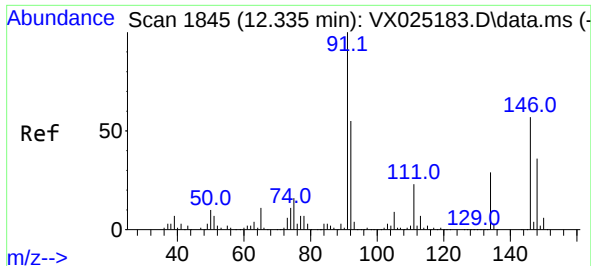
Delta R.T. -0.001 min

Lab File: VX025207.D

Acq: 18 Nov 2021 12:27

Tgt Ion:146 Resp: 6013
 Ion Ratio Lower Upper
 146 100
 111 53.2 20.4 61.3
 148 70.4 32.4 97.0





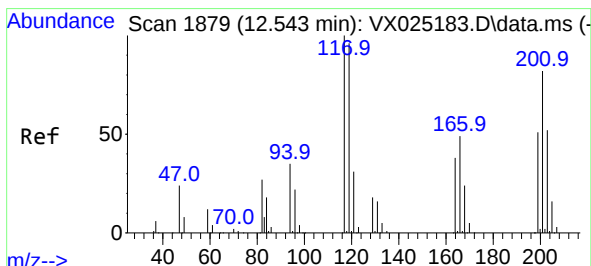
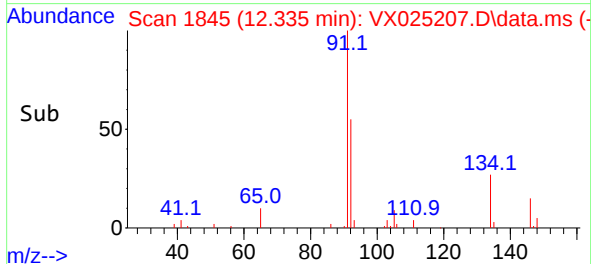
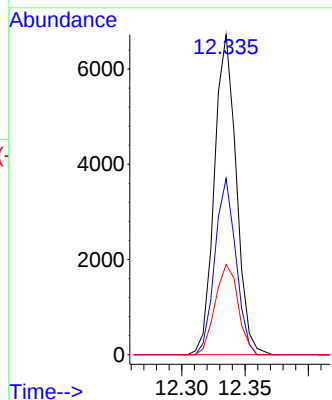
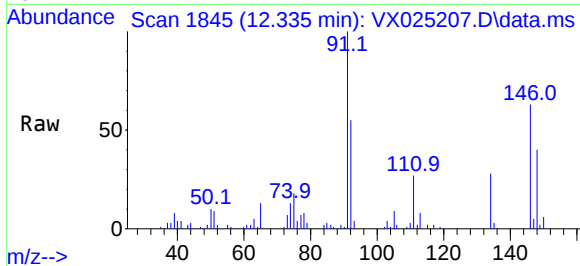
#89
n-Butylbenzene
Concen: 2.068 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX025207.D
Acq: 18 Nov 2021 12:27

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2021

Tgt Ion: 91 Resp: 8072
Ion Ratio Lower Upper
91 100
92 52.7 26.3 78.8
134 29.6 13.0 38.9

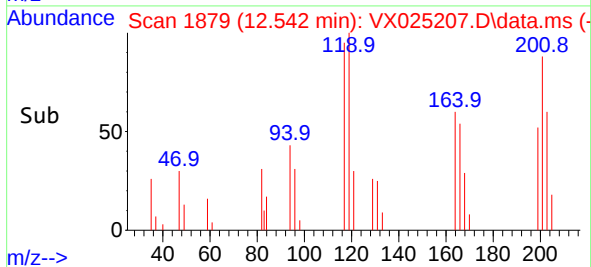
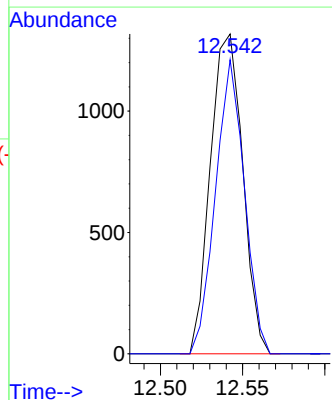
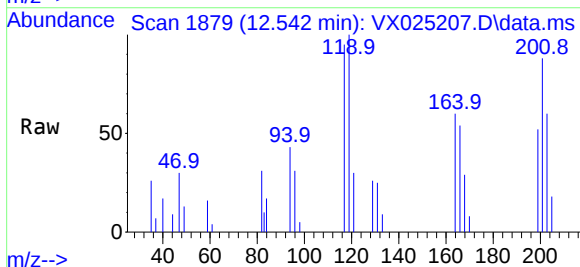
Manual Integrations
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#90
Hexachloroethane
Concen: 2.114 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. -0.001 min
Lab File: VX025207.D
Acq: 18 Nov 2021 12:27

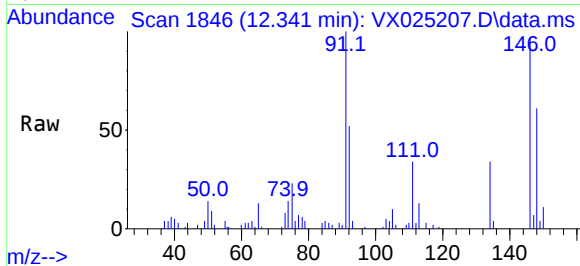
Tgt Ion:117 Resp: 1804
Ion Ratio Lower Upper
117 100
201 82.0 38.9 116.6





#91
1,2-Dichlorobenzene
Concen: 2.429 ug/l
RT: 12.341 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX025207.D
Acq: 18 Nov 2021 12:27

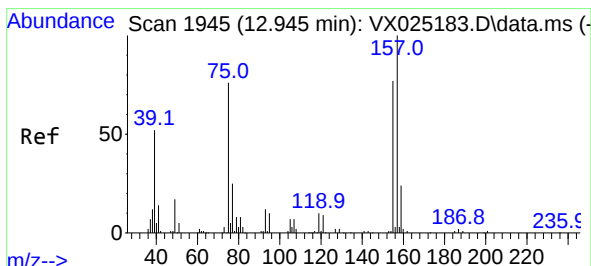
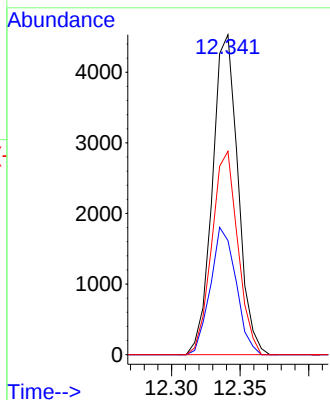
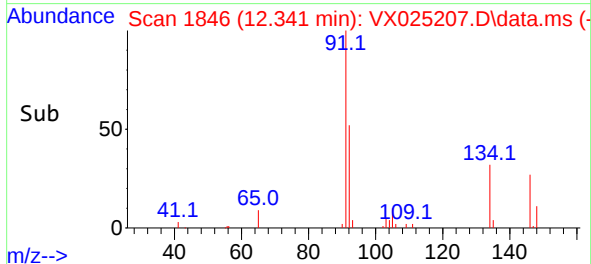
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2021



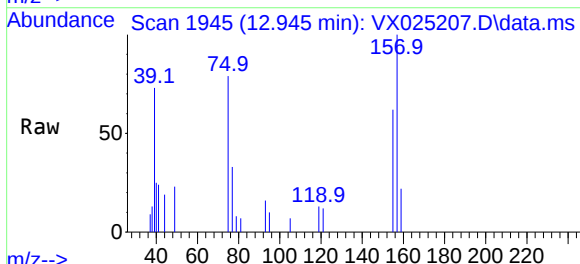
Tgt Ion:146 Resp: 588
Ion Ratio Lower Upper
146 100
111 39.9 21.2 63.6
148 64.6 32.1 96.5

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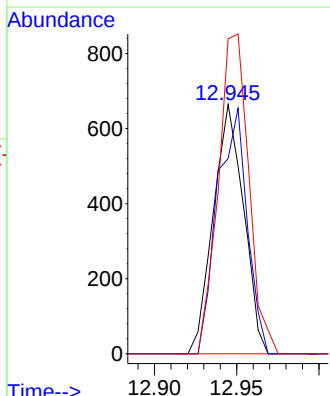
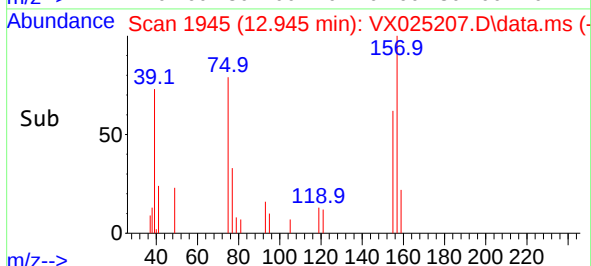
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/26/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.427 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX025207.D
Acq: 18 Nov 2021 12:27



Tgt Ion: 75 Resp: 851
Ion Ratio Lower Upper
75 100
155 97.2 43.1 129.3
157 129.0 53.6 160.9





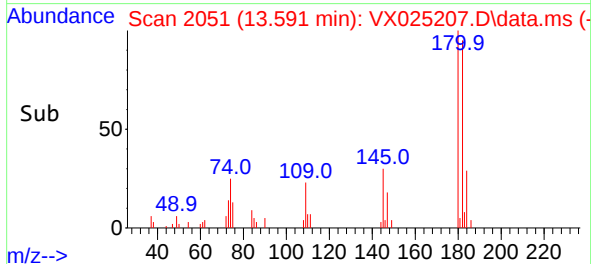
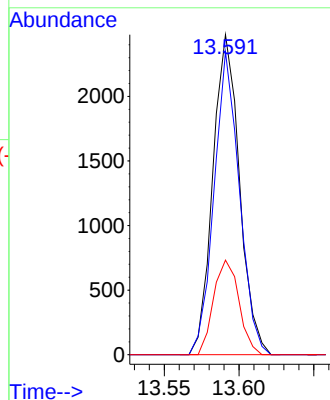
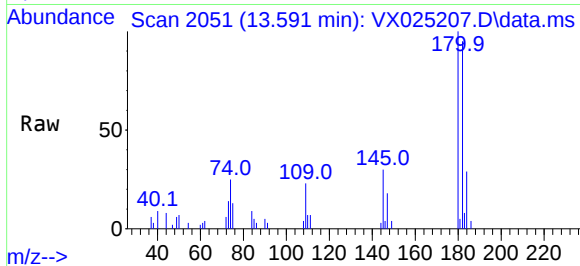
#93
1,2,4-Trichlorobenzene
Concen: 2.151 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX025207.D
Acq: 18 Nov 2021 12:27

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2021

Tgt Ion:180 Resp: 3060
Ion Ratio Lower Upper
180 100
182 90.0 47.3 141.8
145 28.1 16.1 48.3

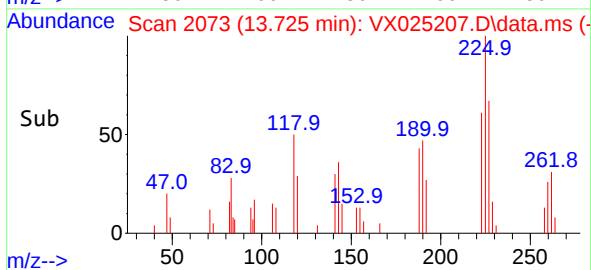
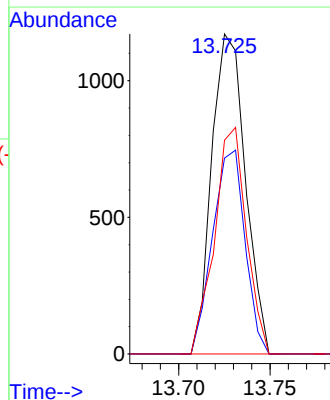
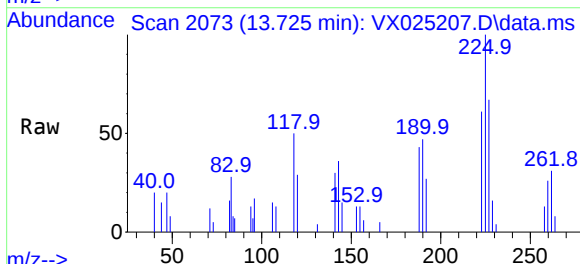
Manual Integrations
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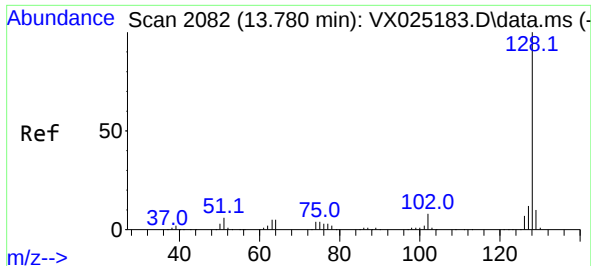
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/26/2021



#94
Hexachlorobutadiene
Concen: 2.196 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX025207.D
Acq: 18 Nov 2021 12:27

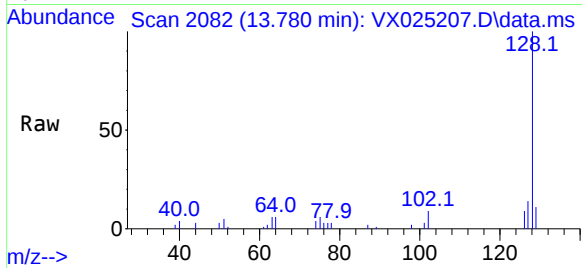
Tgt Ion:225 Resp: 1503
Ion Ratio Lower Upper
225 100
223 61.4 30.9 92.7
227 66.9 31.1 93.5





#95
Naphthalene
Concen: 1.314 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX025207.D
Acq: 18 Nov 2021 12:27

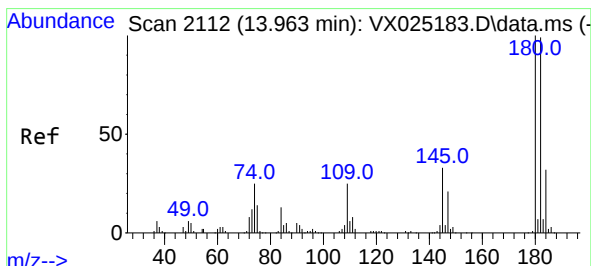
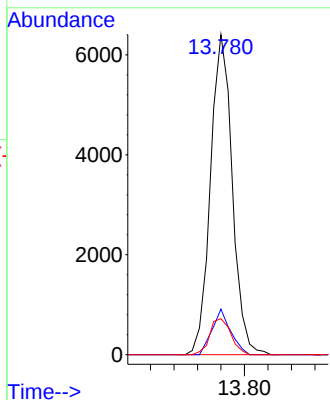
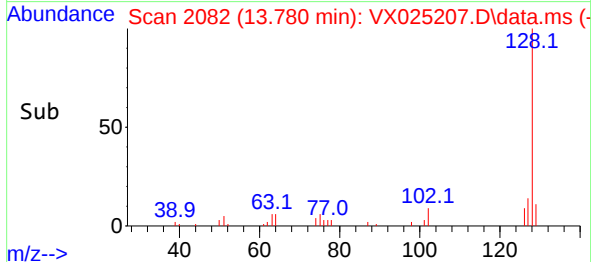
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2021



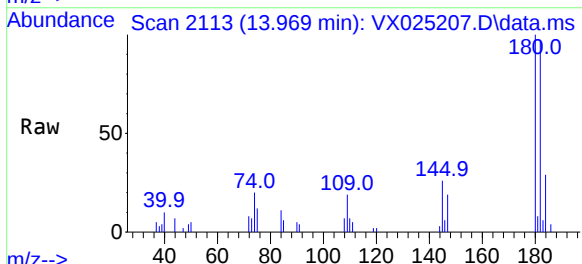
Tgt Ion:128 Resp: 8249
Ion Ratio Lower Upper
128 100
127 12.1 10.3 15.5
129 11.0 8.8 13.2

Manual Integrations
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Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/26/2021



#96
1,2,3-Trichlorobenzene
Concen: 2.067 ug/l
RT: 13.969 min Scan# 2113
Delta R.T. 0.006 min
Lab File: VX025207.D
Acq: 18 Nov 2021 12:27



Tgt Ion:180 Resp: 2882
Ion Ratio Lower Upper
180 100
182 98.2 47.4 142.3
145 29.6 16.8 50.3

