Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV013024\
Data File : VV033907.D
Acq On : 30 Jan 2024 11:18
Operator : SY/MD
Sample : 04696-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2023-07

Quant Time: Jan 30 11:46:25 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Jan 30 03:43:29 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	93429	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	85973	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	42769	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	31833	4.399	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 88.000%			
7) Chloroethane-d5	1.532	69	29551	4.663	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 93.200%			
11) 1,1-Dichloroethene-d2	2.060	65	15377	4.407	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 88.200%			
20) 2-Butanone-d5	3.831	46	55171	45.399	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 90.800%			
24) Chloroform-d	4.249	84	63243	4.810	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.200%			
26) 1,2-Dichloroethane-d4	4.944	65	31057	5.054	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.000%			
32) Benzene-d6	4.960	84	124702	4.835	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.600%			
36) 1,2-Dichloropropane-d6	5.989	67	37520	5.204	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 104.000%			
41) Toluene-d8	7.243	98	115328	4.865	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.200%			
43) trans-1,3-Dichloroprop...	7.561	79	12466	4.579	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.600%			
46) 2-Hexanone-d5	8.030	63	44343	45.625	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 91.240%			
56) 1,1,2,2-Tetrachloroeth...	10.152	84	21338	4.882	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.600%			
66) 1,2-Dichlorobenzene-d4	11.561	152	40029	5.146	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 103.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	1377	0.161	ug/L	92
3) Chloromethane	1.217	50	1847	0.198	ug/L	99
5) Vinyl chloride	1.285	62	1738	0.195	ug/L #	1
6) Bromomethane	1.487	94	755	0.161	ug/L	80
8) Chloroethane	1.552	64	1048m	0.172	ug/L	
9) Trichlorofluoromethane	1.716	101	2113	0.164	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	1599	0.238	ug/L #	78
12) 1,1-Dichloroethene	2.069	96	1504	0.230	ug/L #	1
14) Carbon disulfide	2.240	76	3730	0.177	ug/L	100
16) Methylene chloride	2.449	84	1390	0.222	ug/L	92
17) Methyl tert-butyl Ether	2.712	73	2207	0.165	ug/L #	86
18) trans-1,2-Dichloroethene	2.703	96	1155	0.174	ug/L	92
19) 1,1-Dichloroethane	3.117	63	2004	0.164	ug/L	92
21) 2-Butanone	4.031	43	3028m	2.485	ug/L	
22) cis-1,2-Dichloroethene	3.818	96	1119m	0.148	ug/L	
27) 1,2-Dichloroethane	5.063	62	1282	0.181	ug/L #	76
29) 1,1,1-Trichloroethane	4.513	97	2055	0.178	ug/L	94
30) Cyclohexane	4.584	56	1886	0.168	ug/L #	84
31) Carbon tetrachloride	4.741	117	1635	0.162	ug/L	95

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Operator : SY/MD
Sample : 04696-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2023-07

Quant Time: Jan 30 11:46:25 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Jan 30 03:43:29 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
33) Benzene	5.011	78	4789	0.186	ug/L		100
34) Trichloroethene	5.844	95	1224	0.164	ug/L		90
35) Methylcyclohexane	6.043	83	2311	0.197	ug/L		90
37) 1,2-Dichloropropane	6.101	63	1276	0.204	ug/L	#	87
38) Bromodichloromethane	6.442	83	1332	0.162	ug/L	#	84
39) cis-1,3-Dichloropropene	6.973	75	1582	0.166	ug/L		90
40) 4-Methyl-2-pentanone	7.178	43	3737	1.249	ug/L	#	87
42) Toluene	7.326	91	5051	0.183	ug/L		92
44) trans-1,3-Dichloropropene	7.574	75	591	0.081	ug/L		92
45) 1,1,2-Trichloroethane	7.786	97	663	0.172	ug/L	#	81
47) Tetrachloroethene	7.911	164	949	0.157	ug/L		92
48) 2-Hexanone	8.088	43	10032	4.758	ug/L	#	96
49) Dibromochloromethane	8.185	129	629	0.137	ug/L		91
50) 1,2-Dibromoethane	8.291	107	499	0.144	ug/L	#	67
51) Chlorobenzene	8.818	112	2959	0.170	ug/L		91
52) Ethylbenzene	8.956	91	5279	0.166	ug/L		98
53) m,p-Xylene	9.085	106	1801	0.150	ug/L		85
54) o-Xylene	9.487	106	1924	0.166	ug/L		100
55) Styrene	9.513	104	2798	0.151	ug/L		81
57) 1,1,2,2-Tetrachloroethane	10.181	83	818	0.201	ug/L	#	80
60) Isopropylbenzene	9.873	105	5490	0.173	ug/L		96
61) 1,2,3-Trichloropropane	10.214	75	424	0.144	ug/L	#	81
62) 1,3,5-Trimethylbenzene	10.480	105	4610	0.172	ug/L		96
63) 1,2,4-Trimethylbenzene	10.857	105	4419	0.170	ug/L		93
64) 1,3-Dichlorobenzene	11.124	146	2437	0.177	ug/L		95
65) 1,4-Dichlorobenzene	11.210	146	2533	0.185	ug/L	#	86
67) 1,2-Dichlorobenzene	11.580	146	2085	0.176	ug/L	#	90
68) 1,2-Dibromo-3-chloropr...	12.586	75	283	0.459	ug/L	#	1
69) 1,3,5-Trichlorobenzene	12.590	180	1823	0.171	ug/L		96
70) 1,2,4-trichlorobenzene	13.207	180	1446	0.173	ug/L		96
71) Naphthalene	13.458	128	2240	0.205	ug/L	#	93
72) 1,2,3-Trichlorobenzene	13.686	180	1030	0.154	ug/L	#	93

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

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MDL-WATER-QT4-2023-07

Quant Time: Jan 30 11:46:25 2024
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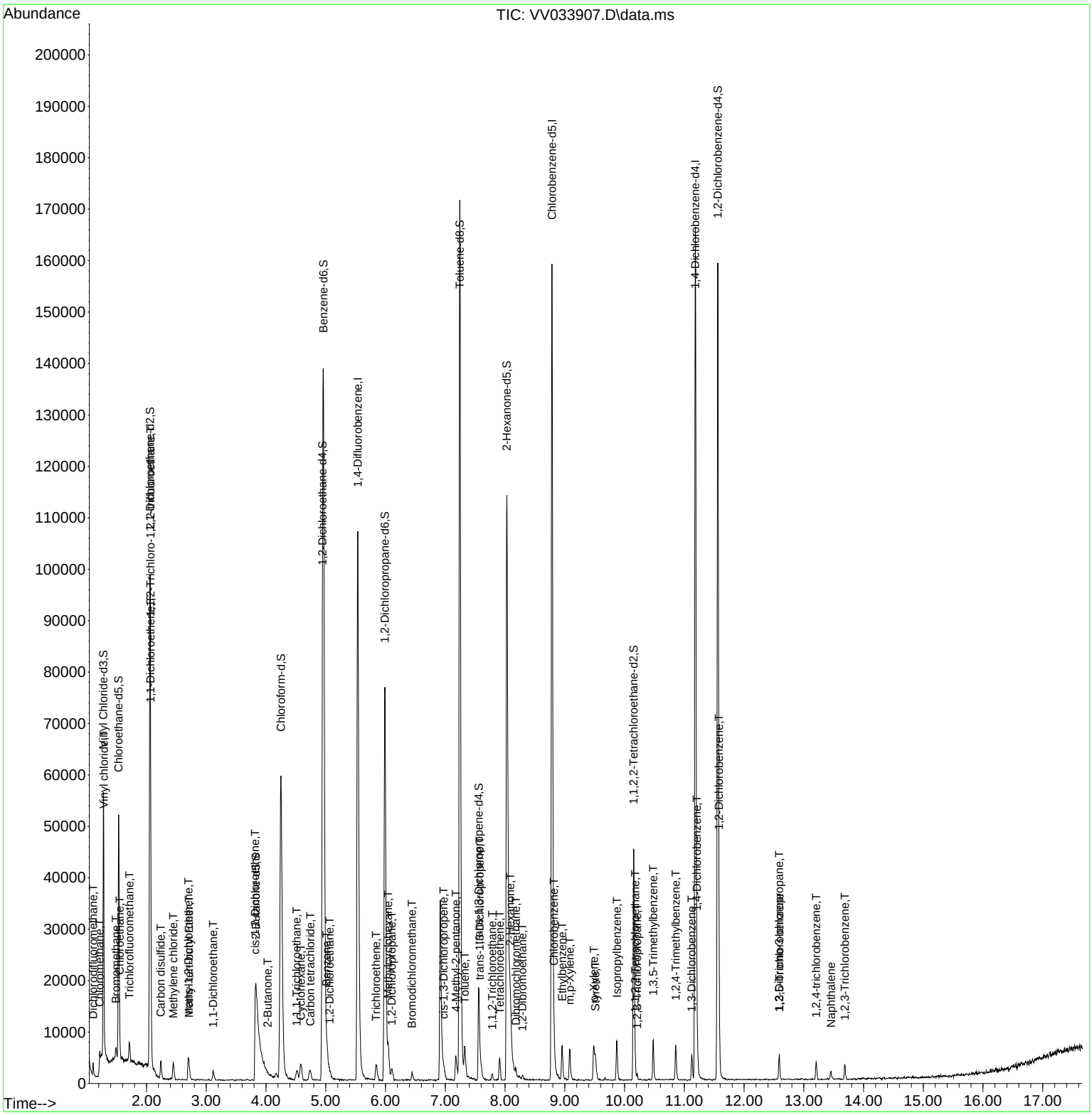
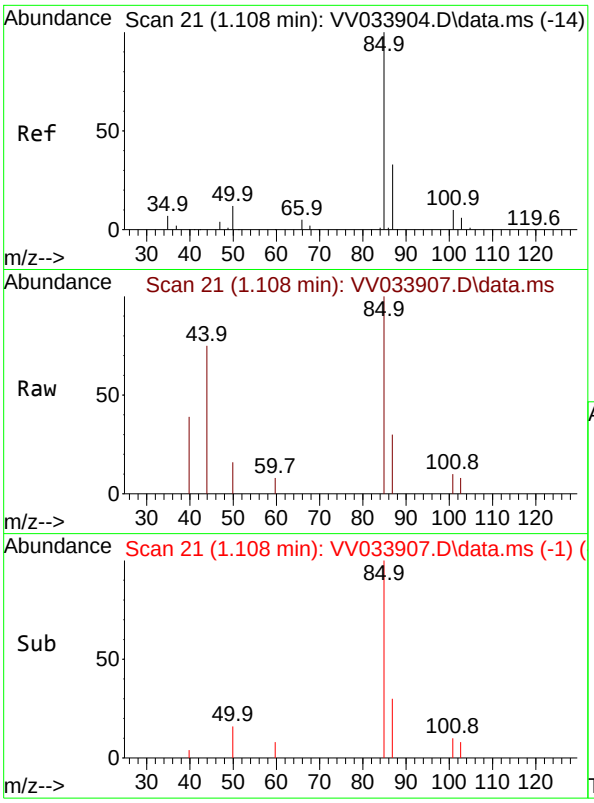
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Jan 30 03:43:29 2024
Response via : Initial Calibration



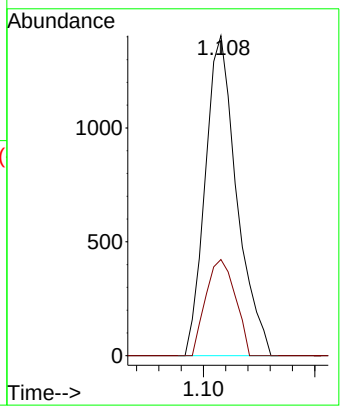


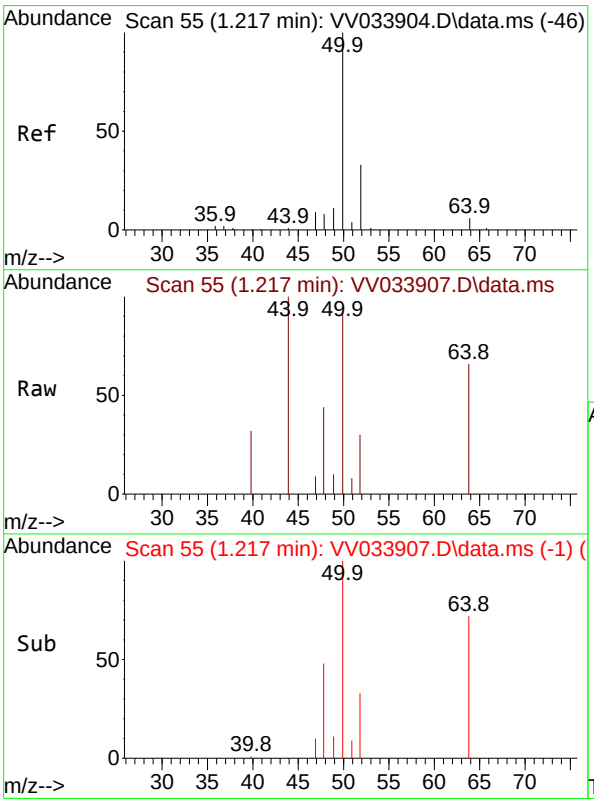
#2
Dichlorodifluoromethane
Concen: 0.161 ug/L
RT: 1.108 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV033907.D
Acq: 30 Jan 2024 11:18

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2023-07

Tgt Ion: 85 Resp: 1377

Ion	Ratio	Lower	Upper
85	100		
87	28.2	26.2	39.4

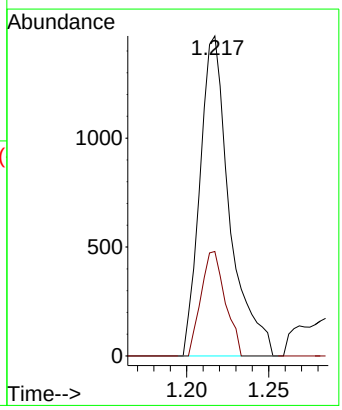


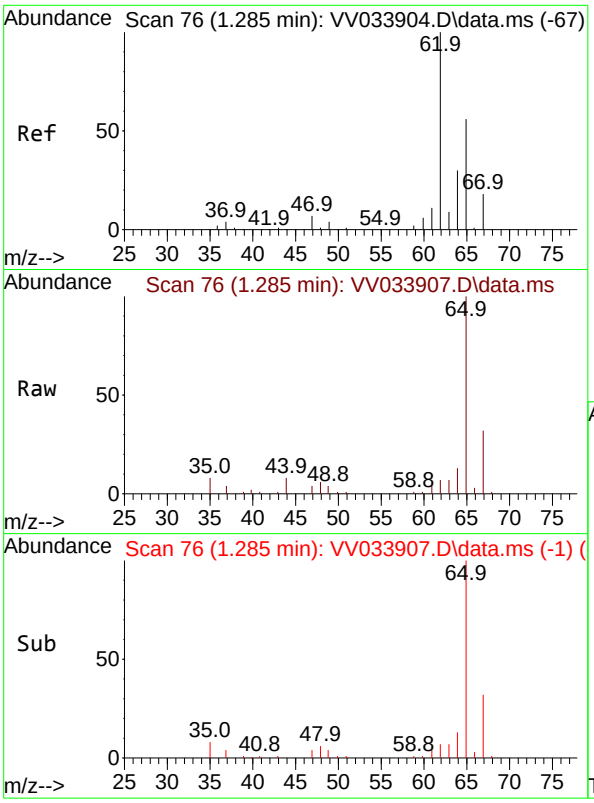


#3
Chloromethane
Concen: 0.198 ug/L
RT: 1.217 min Scan# 55
Delta R.T. -0.000 min
Lab File: VV033907.D
Acq: 30 Jan 2024 11:18

Tgt Ion: 50 Resp: 1847

Ion	Ratio	Lower	Upper
50	100		
52	32.7	23.4	43.4



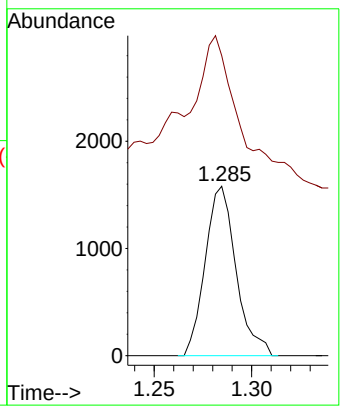


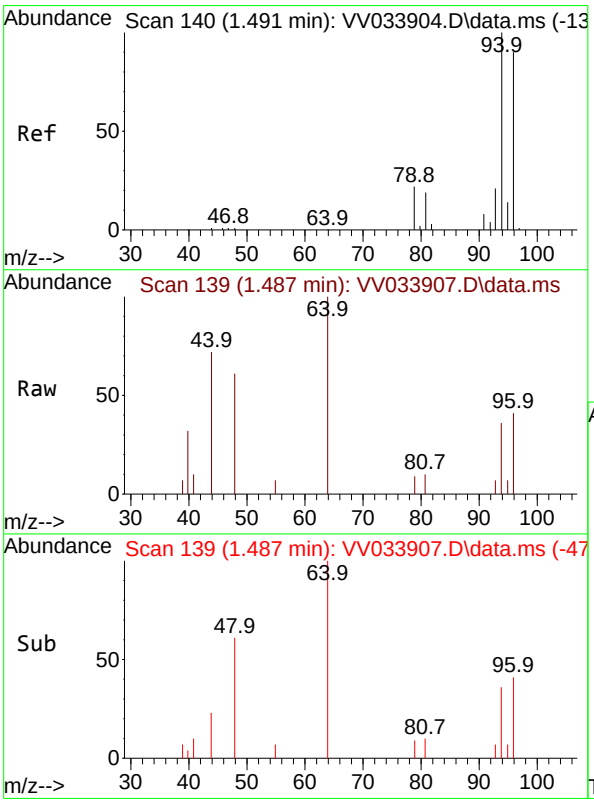
#5
Vinyl chloride
Concen: 0.195 ug/L
RT: 1.285 min Scan# 7
Delta R.T. -0.000 min
Lab File: VV033907.D
Acq: 30 Jan 2024 11:18

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2023-07

Tgt Ion: 62 Resp: 1738

Ion	Ratio	Lower	Upper
62	100		
64	177.1	27.2	50.4#

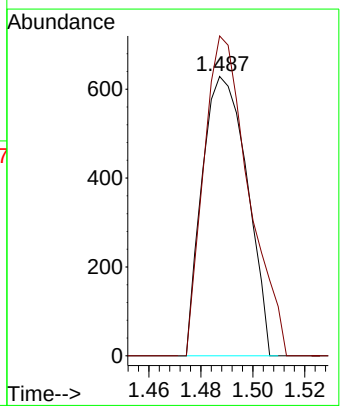


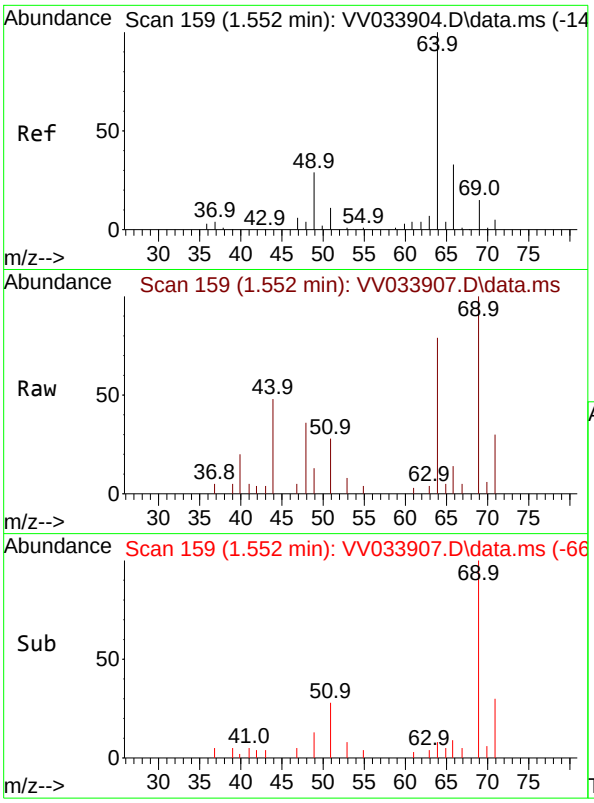


#6
Bromomethane
Concen: 0.161 ug/L
RT: 1.487 min Scan# 139
Delta R.T. -0.003 min
Lab File: VV033907.D
Acq: 30 Jan 2024 11:18

Tgt Ion: 94 Resp: 755

Ion	Ratio	Lower	Upper
94	100		
96	114.5	66.6	123.8



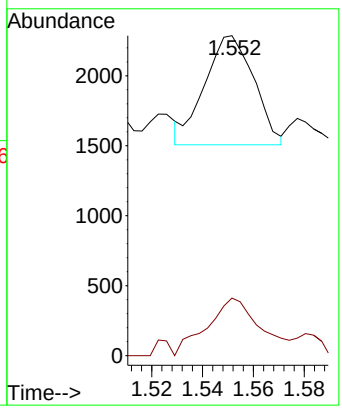


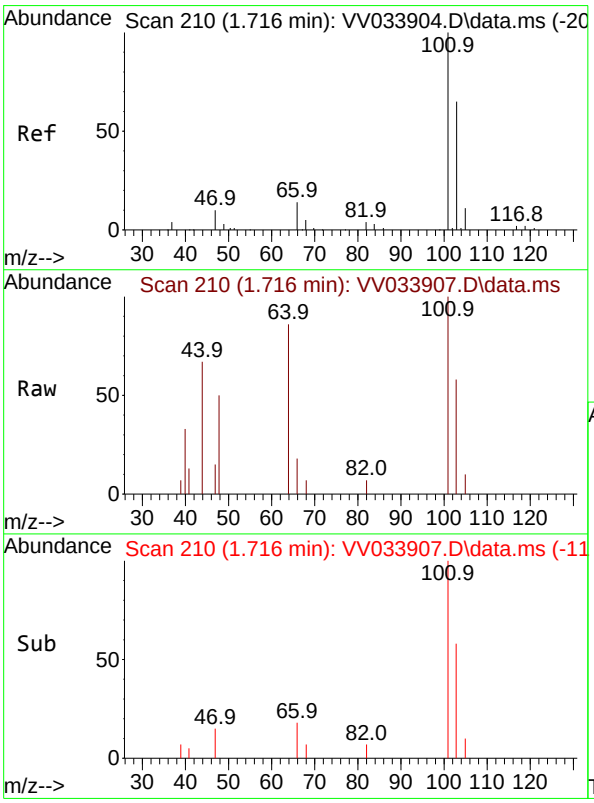
#8
Chloroethane
Concen: 0.172 ug/L m
RT: 1.552 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV033907.D
Acq: 30 Jan 2024 11:18

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2023-07

Tgt Ion: 64 Resp: 1048

Ion	Ratio	Lower	Upper
64	100		
66	18.0	22.0	41.0#

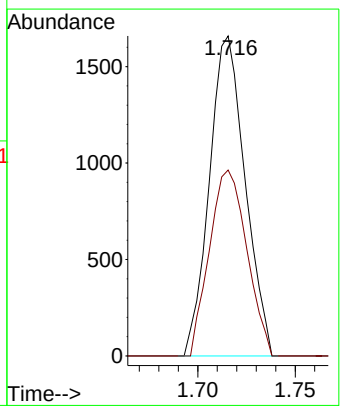


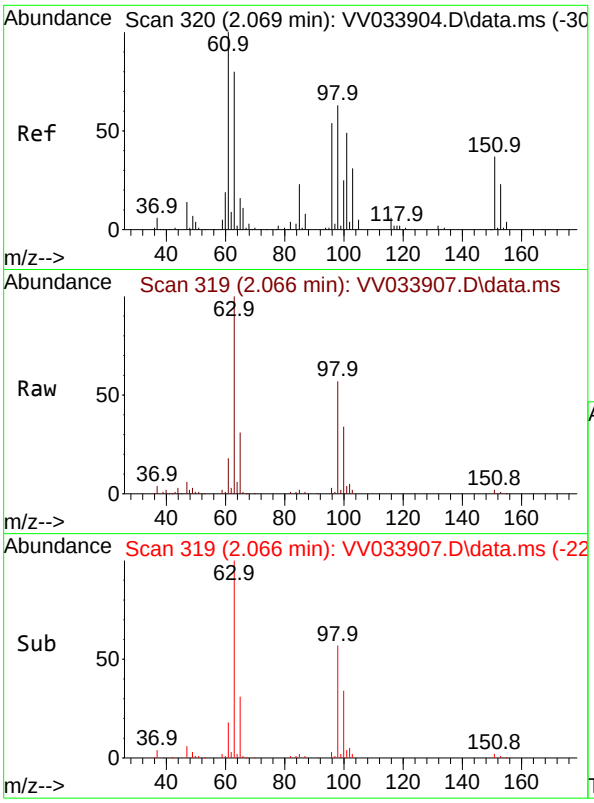


#9
Trichlorofluoromethane
Concen: 0.164 ug/L
RT: 1.716 min Scan# 210
Delta R.T. -0.000 min
Lab File: VV033907.D
Acq: 30 Jan 2024 11:18

Tgt Ion:101 Resp: 2113

Ion	Ratio	Lower	Upper
101	100		
103	60.8	51.0	76.4



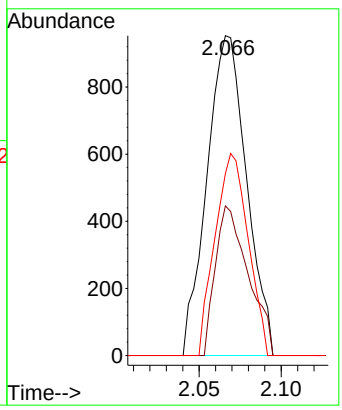


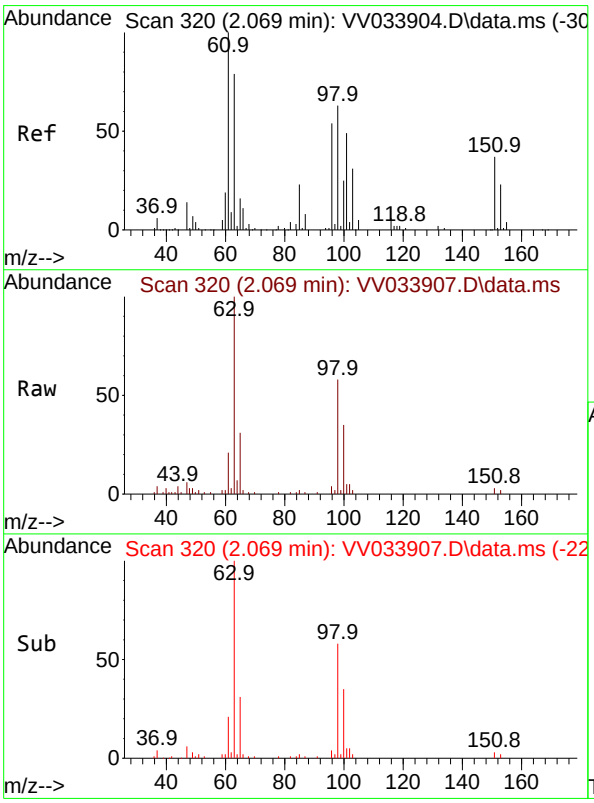
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.238 ug/L
RT: 2.066 min Scan# 3
Delta R.T. -0.003 min
Lab File: VV033907.D
Acq: 30 Jan 2024 11:18

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2023-07

Tgt Ion:101 Resp: 1599

Ion	Ratio	Lower	Upper
101	100		
85	38.8	37.1	55.7
151	52.7	61.7	92.5#

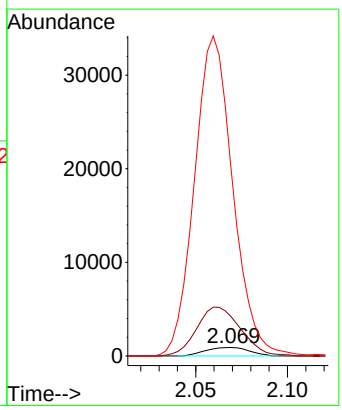


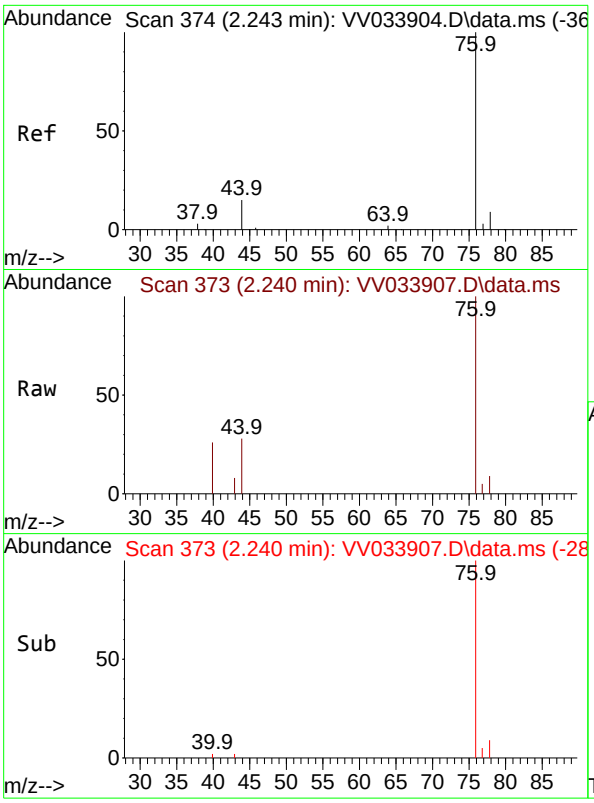


#12
1,1-Dichloroethene
Concen: 0.230 ug/L
RT: 2.069 min Scan# 320
Delta R.T. -0.003 min
Lab File: VV033907.D
Acq: 30 Jan 2024 11:18

Tgt Ion: 96 Resp: 1504

Ion	Ratio	Lower	Upper
96	100		
61	467.9	128.8	239.2#
63	2230.9	97.9	181.9#



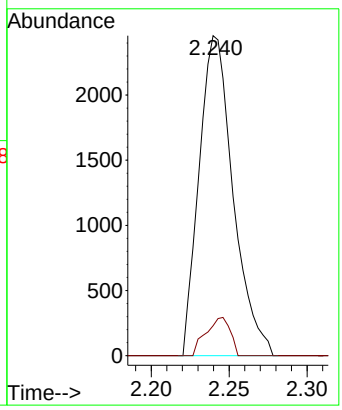


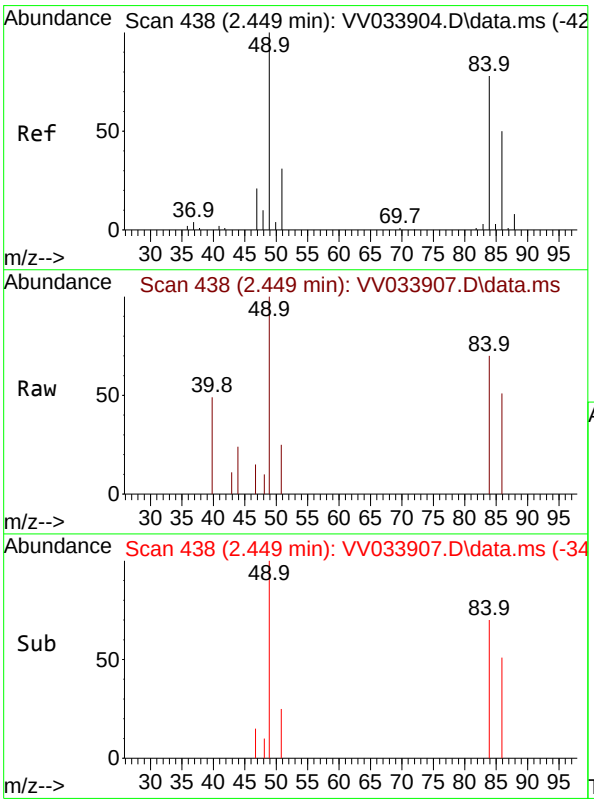
#14
Carbon disulfide
Concen: 0.177 ug/L
RT: 2.240 min Scan# 3
Delta R.T. -0.003 min
Lab File: VV033907.D
Acq: 30 Jan 2024 11:18

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2023-07

Tgt Ion: 76 Resp: 3730

Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.5	11.3

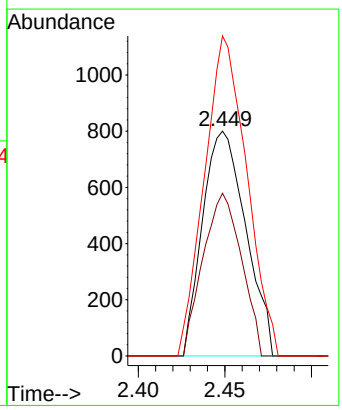


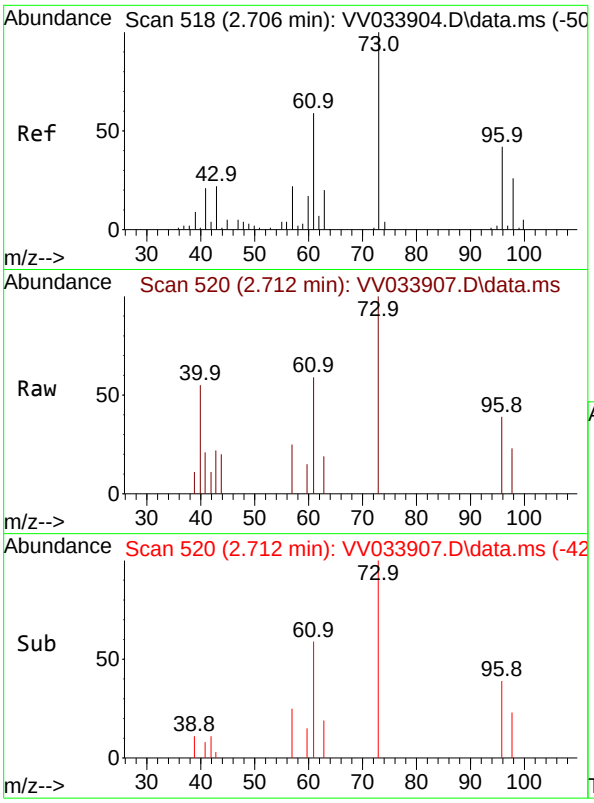


#16
Methylene chloride
Concen: 0.222 ug/L
RT: 2.449 min Scan# 438
Delta R.T. -0.000 min
Lab File: VV033907.D
Acq: 30 Jan 2024 11:18

Tgt Ion: 84 Resp: 1390

Ion	Ratio	Lower	Upper
84	100		
86	72.4	44.7	83.1
49	142.4	93.7	173.9



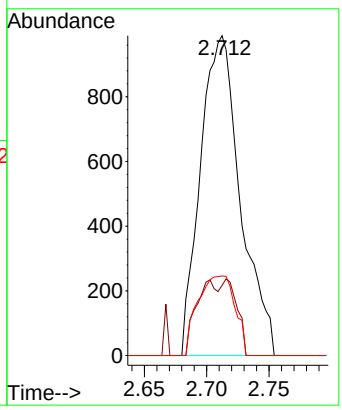


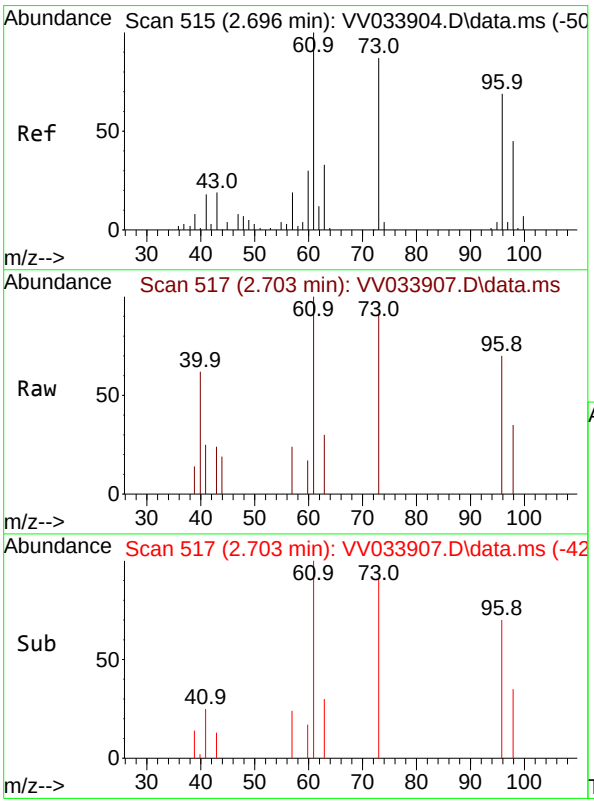
#17
Methyl tert-butyl Ether
Concen: 0.165 ug/L
RT: 2.712 min Scan# 5
Delta R.T. 0.003 min
Lab File: VV033907.D
Acq: 30 Jan 2024 11:18

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2023-07

Tgt Ion: 73 Resp: 2207

Ion	Ratio	Lower	Upper
73	100		
43	9.7	17.7	26.5#
57	23.0	17.9	26.9

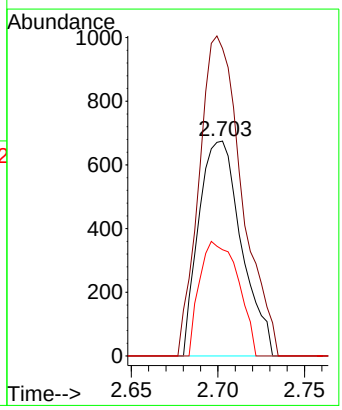


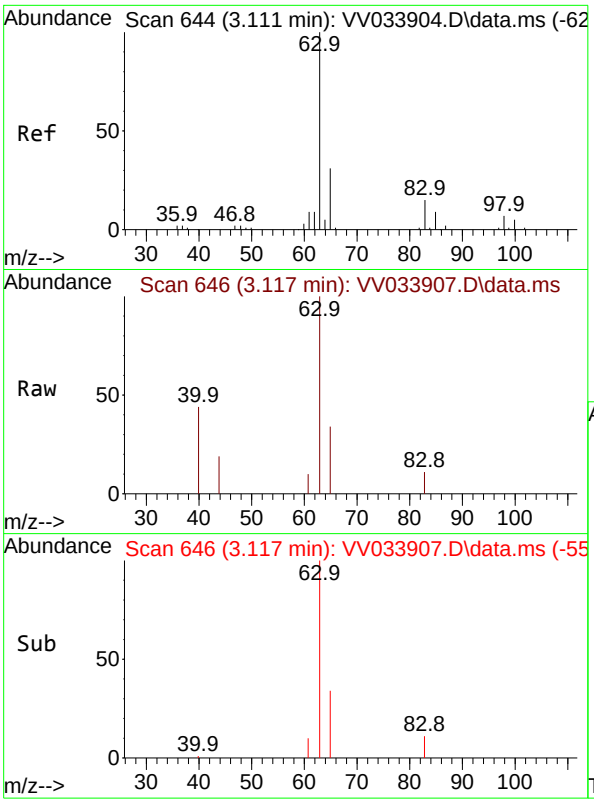


#18
trans-1,2-Dichloroethene
Concen: 0.174 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.006 min
Lab File: VV033907.D
Acq: 30 Jan 2024 11:18

Tgt Ion: 96 Resp: 1155

Ion	Ratio	Lower	Upper
96	100		
61	143.1	97.6	181.4
98	49.5	44.4	82.5



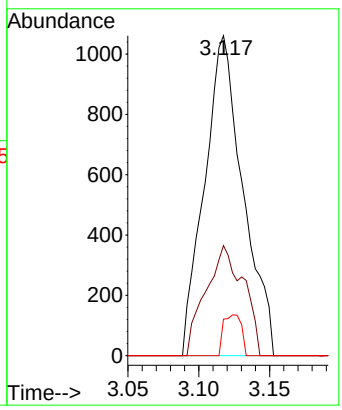


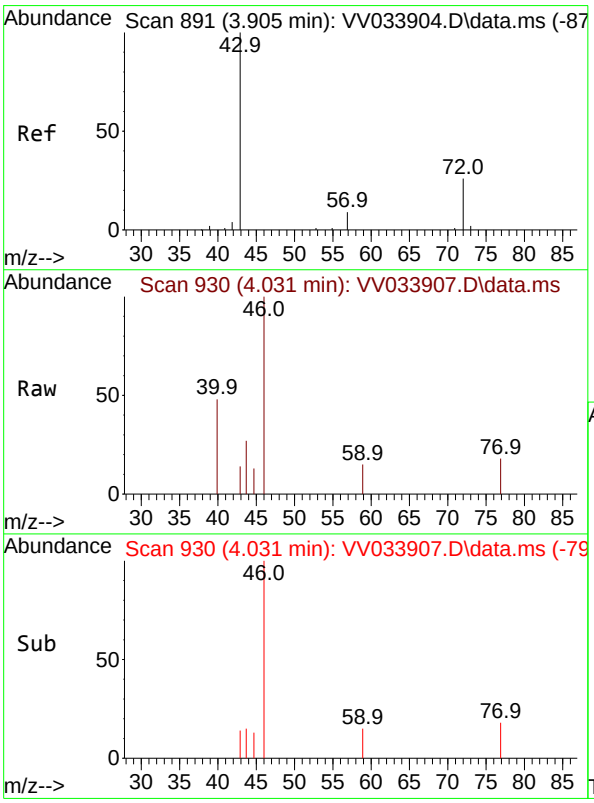
#19
1,1-Dichloroethane
Concen: 0.164 ug/L
RT: 3.117 min Scan# 64
Delta R.T. 0.003 min
Lab File: VV033907.D
Acq: 30 Jan 2024 11:18

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2023-07

Tgt Ion: 63 Resp: 2004

Ion	Ratio	Lower	Upper
63	100		
65	34.4	20.8	38.6
83	11.4	9.4	17.4

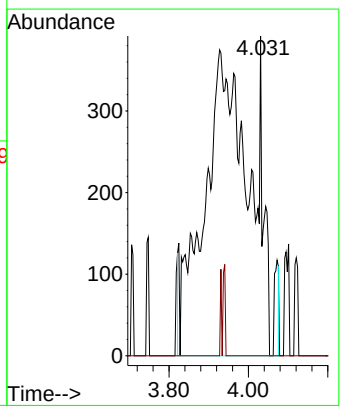


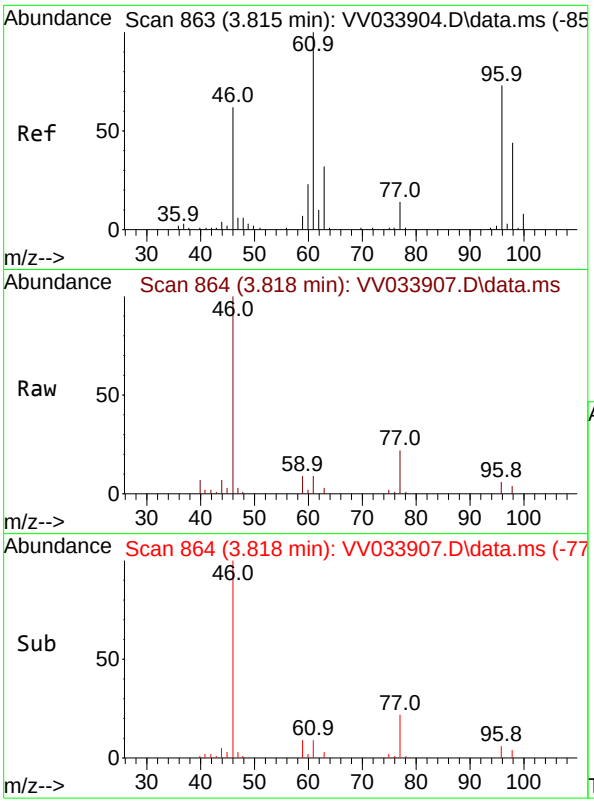


#21
2-Butanone
Concen: 2.485 ug/L m
RT: 4.031 min Scan# 930
Delta R.T. 0.122 min
Lab File: VV033907.D
Acq: 30 Jan 2024 11:18

Tgt Ion: 43 Resp: 3028

Ion	Ratio	Lower	Upper
43	100		
72	0.0	4.0	11.9#



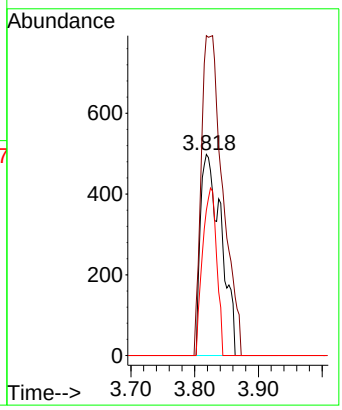


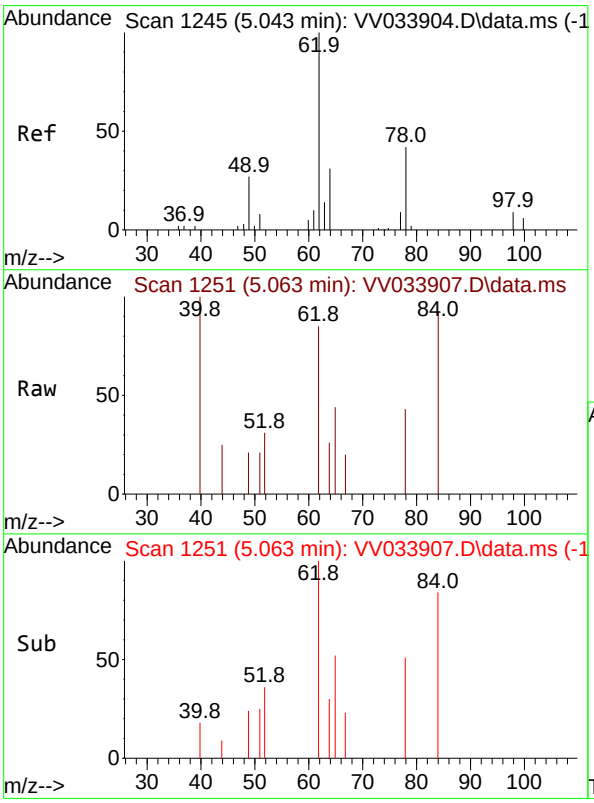
#22
cis-1,2-Dichloroethene
Concen: 0.148 ug/L m
RT: 3.818 min Scan# 8
Delta R.T. -0.000 min
Lab File: VV033907.D
Acq: 30 Jan 2024 11:18

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2023-07

Tgt Ion: 96 Resp: 1119

Ion	Ratio	Lower	Upper
96	100		
61	159.0	90.3	167.7
98	72.3	43.2	80.2

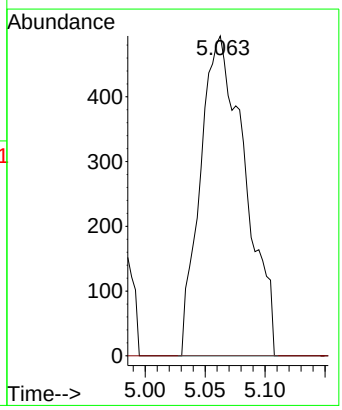


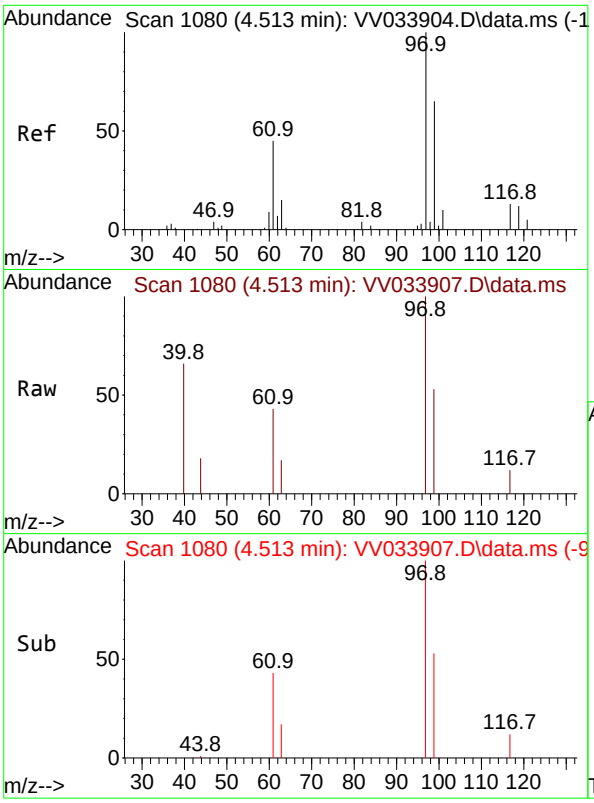


#27
1,2-Dichloroethane
Concen: 0.181 ug/L
RT: 5.063 min Scan# 1251
Delta R.T. 0.016 min
Lab File: VV033907.D
Acq: 30 Jan 2024 11:18

Tgt Ion: 62 Resp: 1282

Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.9	10.3#



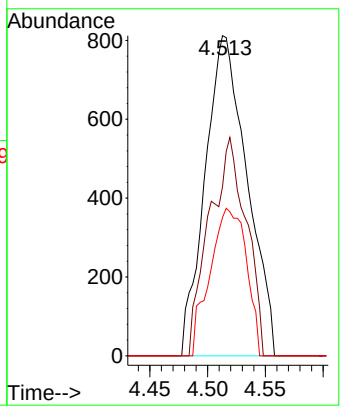


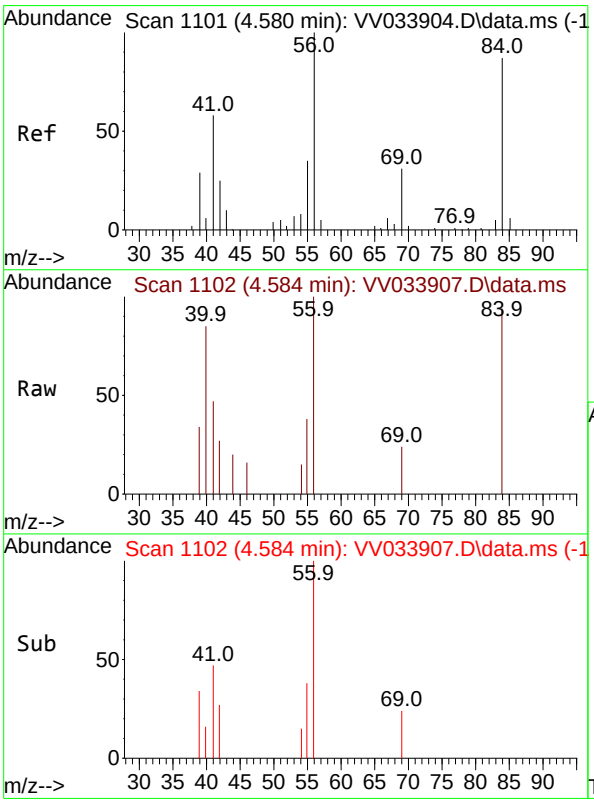
#29
1,1,1-Trichloroethane
Concen: 0.178 ug/L
RT: 4.513 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV033907.D
Acq: 30 Jan 2024 11:18

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2023-07

Tgt Ion: 97 Resp: 2055

Ion	Ratio	Lower	Upper
97	100		
99	60.0	50.6	75.8
61	39.9	36.8	55.2

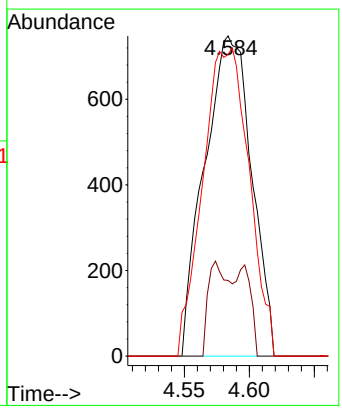


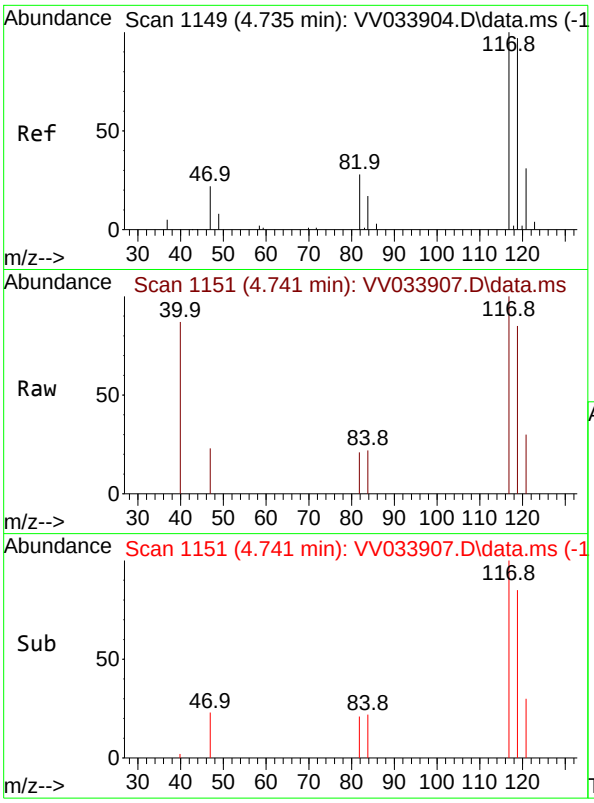


#30
Cyclohexane
Concen: 0.168 ug/L
RT: 4.584 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VV033907.D
Acq: 30 Jan 2024 11:18

Tgt Ion: 56 Resp: 1886

Ion	Ratio	Lower	Upper
56	100		
69	9.0	24.2	36.2#
84	94.5	70.0	105.0



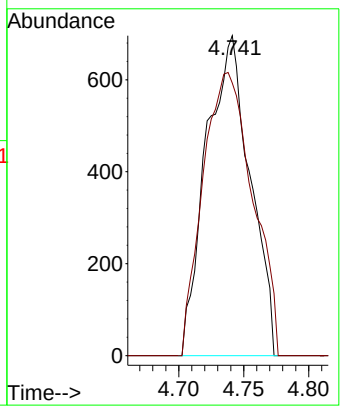


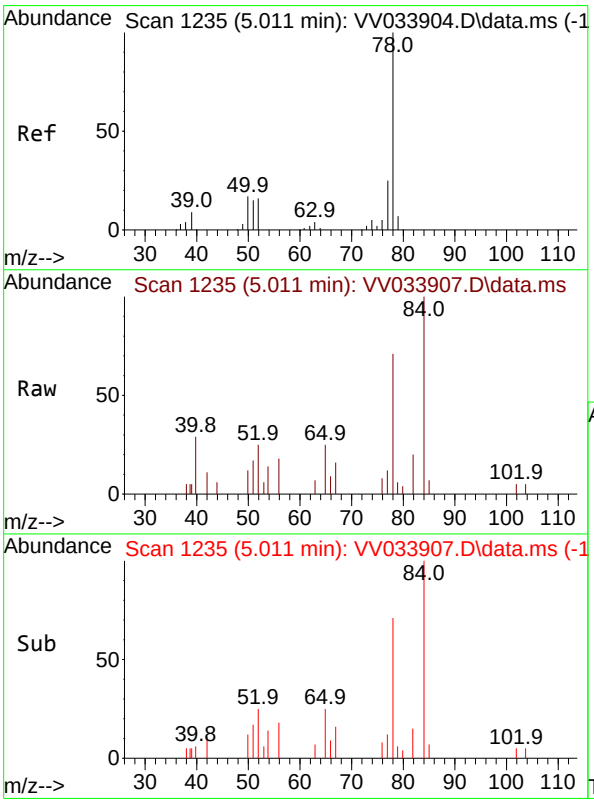
#31
Carbon tetrachloride
Concen: 0.162 ug/L
RT: 4.741 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV033907.D
Acq: 30 Jan 2024 11:18

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2023-07

Tgt Ion:117 Resp: 1635

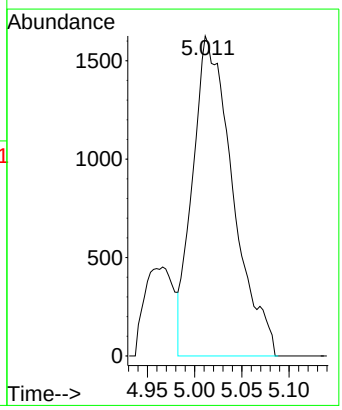
Ion	Ratio	Lower	Upper
117	100		
119	100.4	76.1	114.1

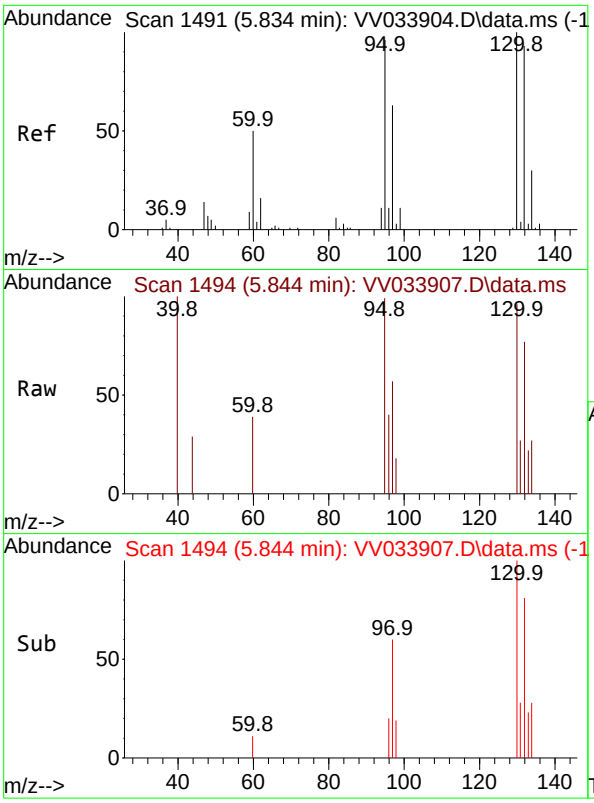




#33
Benzene
Concen: 0.186 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. -0.000 min
Lab File: VV033907.D
Acq: 30 Jan 2024 11:18

Tgt Ion: 78 Resp: 4789



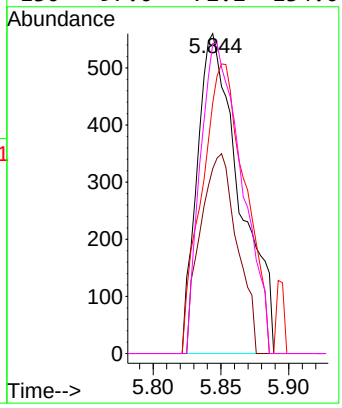


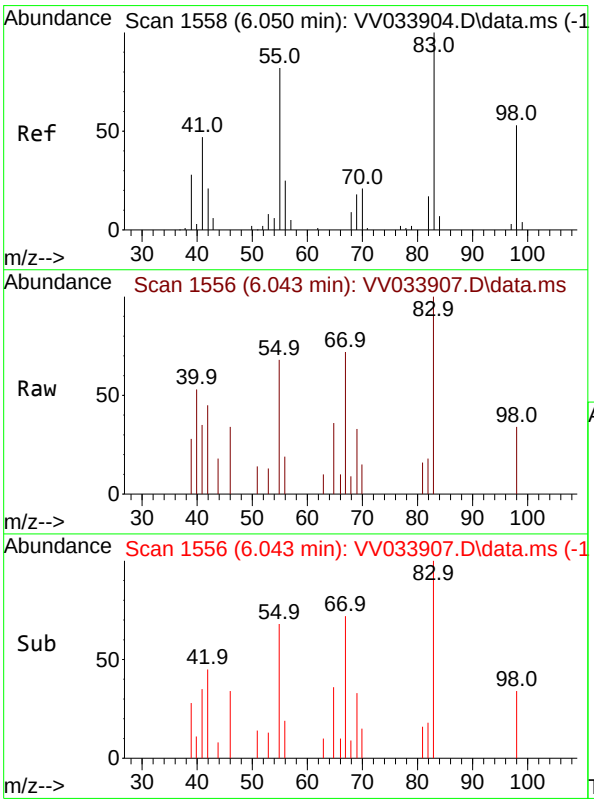
#34
Trichloroethene
Concen: 0.164 ug/L
RT: 5.844 min Scan# 14
Delta R.T. 0.010 min
Lab File: VV033907.D
Acq: 30 Jan 2024 11:18

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2023-07

Tgt Ion: 95 Resp: 1224

Ion	Ratio	Lower	Upper
95	100		
97	57.9	45.1	83.7
132	78.4	66.0	122.6
130	97.0	72.2	134.0

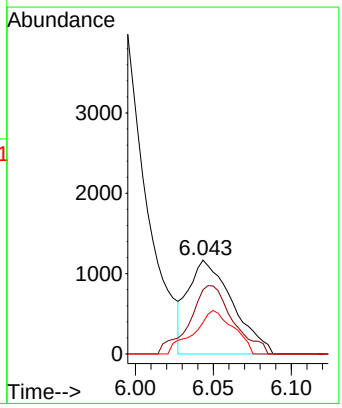


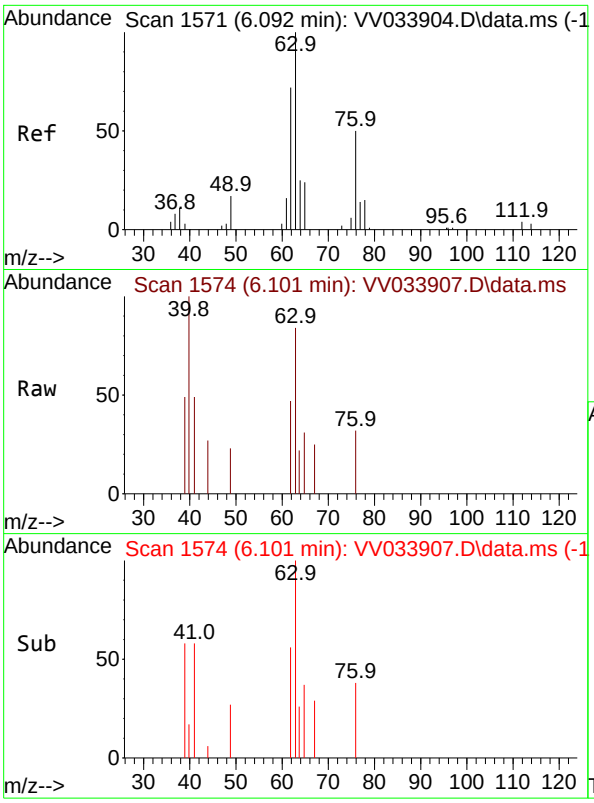


#35
Methylcyclohexane
Concen: 0.197 ug/L
RT: 6.043 min Scan# 1556
Delta R.T. -0.007 min
Lab File: VV033907.D
Acq: 30 Jan 2024 11:18

Tgt Ion: 83 Resp: 2311

Ion	Ratio	Lower	Upper
83	100		
55	70.7	63.5	95.3
98	41.2	39.0	58.4



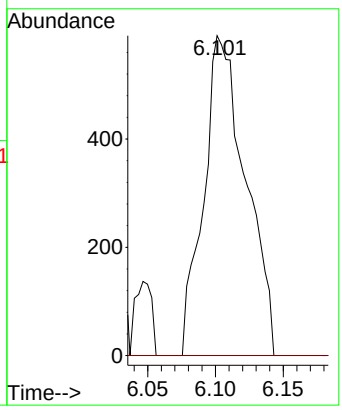


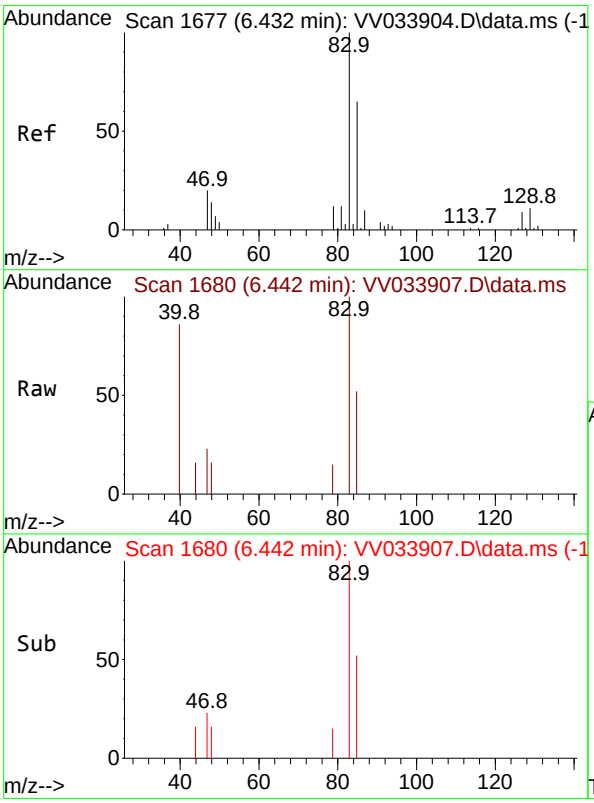
#37
1,2-Dichloropropane
Concen: 0.204 ug/L
RT: 6.101 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV033907.D
Acq: 30 Jan 2024 11:18

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2023-07

Tgt Ion: 63 Resp: 1276

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.0#

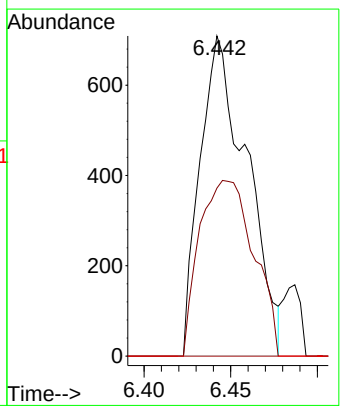


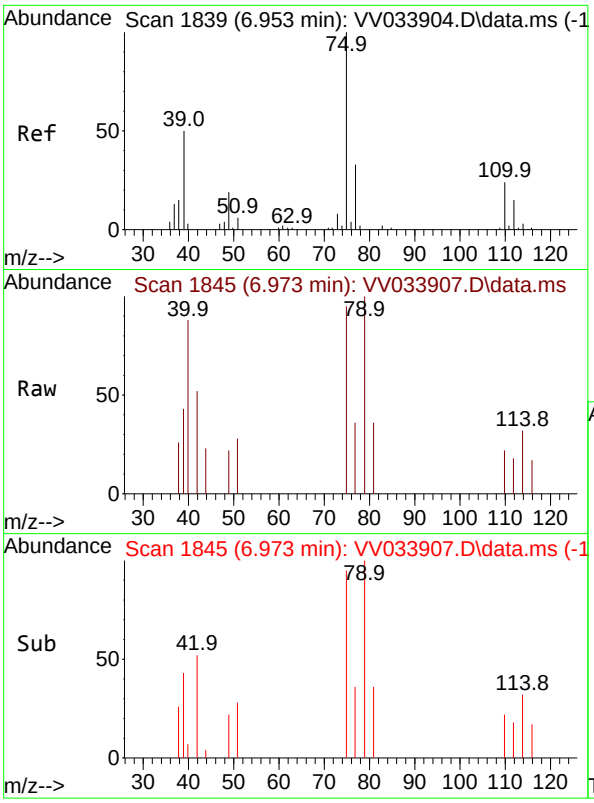


#38
Bromodichloromethane
Concen: 0.162 ug/L
RT: 6.442 min Scan# 1680
Delta R.T. 0.006 min
Lab File: VV033907.D
Acq: 30 Jan 2024 11:18

Tgt Ion: 83 Resp: 1332

Ion	Ratio	Lower	Upper
83	100		
85	52.5	45.4	84.2
127	0.0	6.5	9.7#



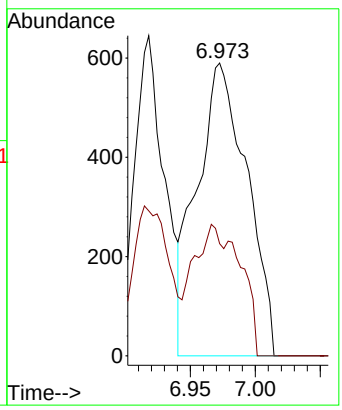


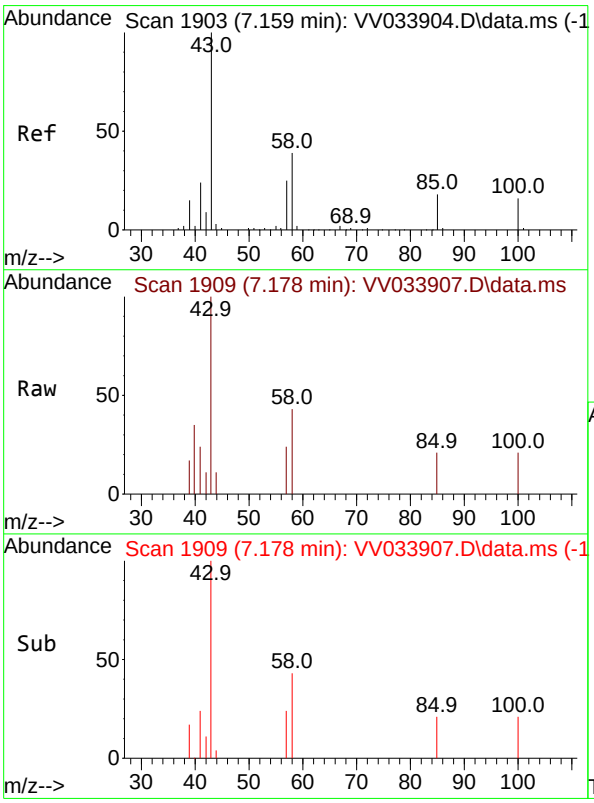
#39
cis-1,3-Dichloropropene
Concen: 0.166 ug/L
RT: 6.973 min Scan# 1
Delta R.T. 0.016 min
Lab File: VV033907.D
Acq: 30 Jan 2024 11:18

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2023-07

Tgt Ion: 75 Resp: 1582

Ion	Ratio	Lower	Upper
75	100		
77	38.3	22.9	42.5

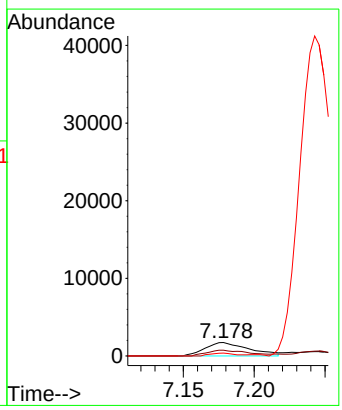


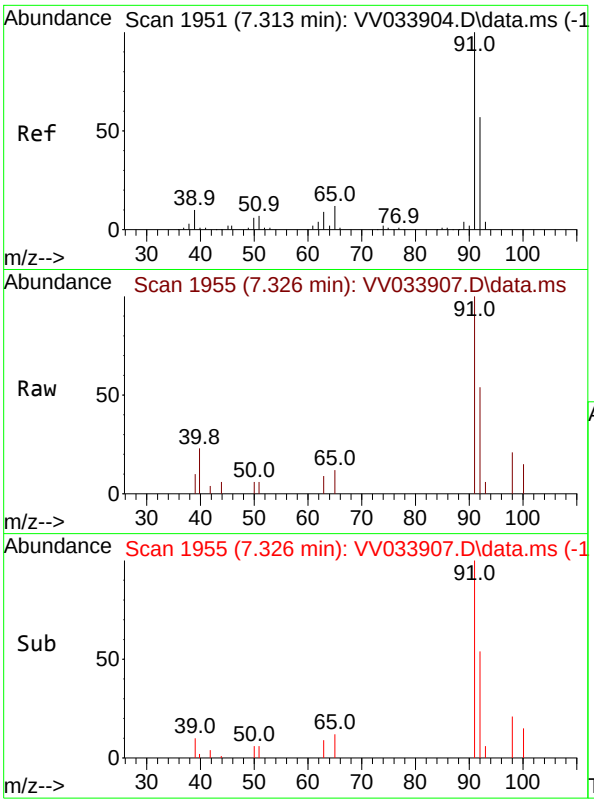


#40
4-Methyl-2-pentanone
Concen: 1.249 ug/L
RT: 7.178 min Scan# 1909
Delta R.T. 0.016 min
Lab File: VV033907.D
Acq: 30 Jan 2024 11:18

Tgt Ion: 43 Resp: 3737

Ion	Ratio	Lower	Upper
43	100		
58	40.2	30.2	45.2
100	0.0	12.1	18.1#



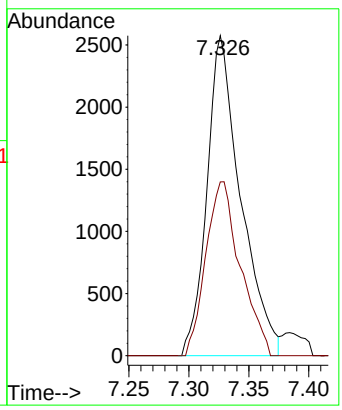


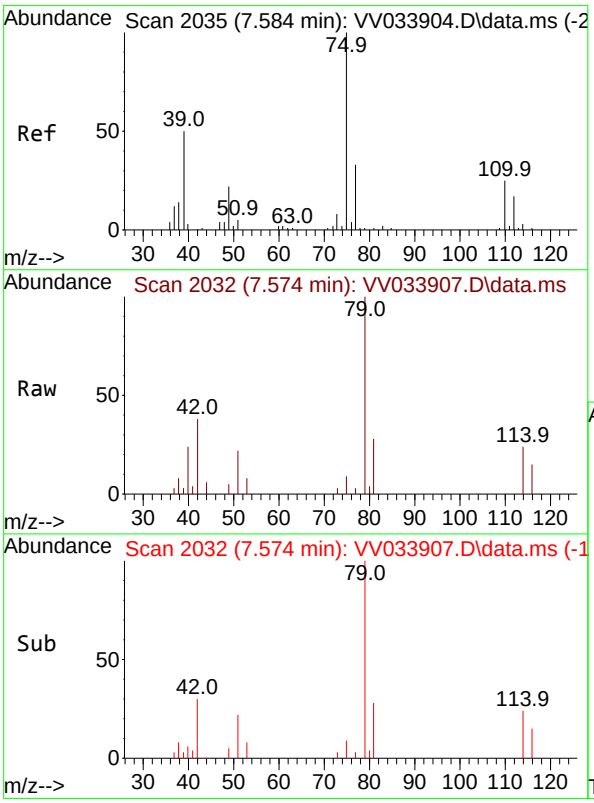
#42
Toluene
Concen: 0.183 ug/L
RT: 7.326 min Scan# 1
Delta R.T. 0.010 min
Lab File: VV033907.D
Acq: 30 Jan 2024 11:18

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2023-07

Tgt Ion: 91 Resp: 5051

Ion	Ratio	Lower	Upper
91	100		
92	54.3	42.1	78.3

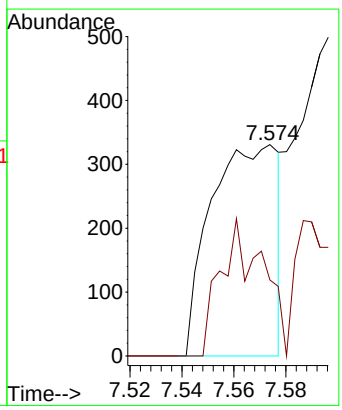


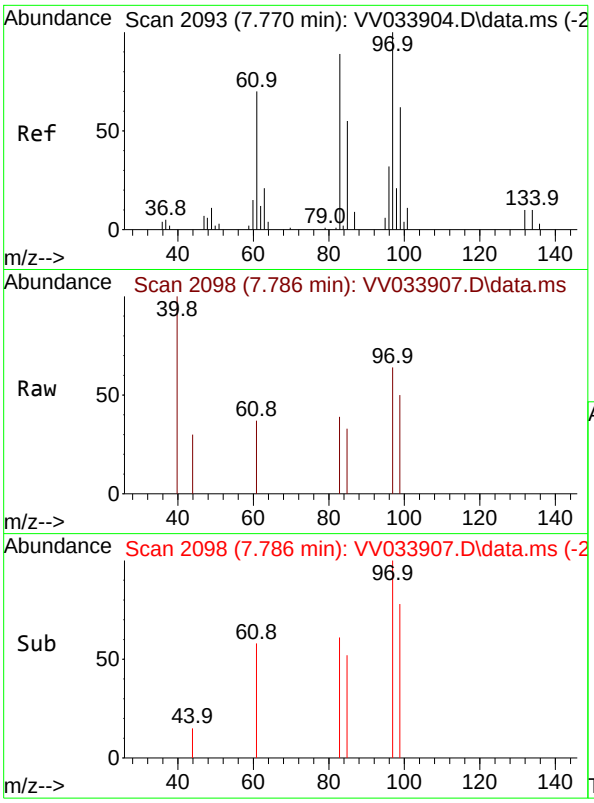


#44
trans-1,3-Dichloropropene
Concen: 0.081 ug/L
RT: 7.574 min Scan# 2032
Delta R.T. -0.010 min
Lab File: VV033907.D
Acq: 30 Jan 2024 11:18

Tgt Ion: 75 Resp: 591

Ion	Ratio	Lower	Upper
75	100		
77	36.0	22.2	41.2



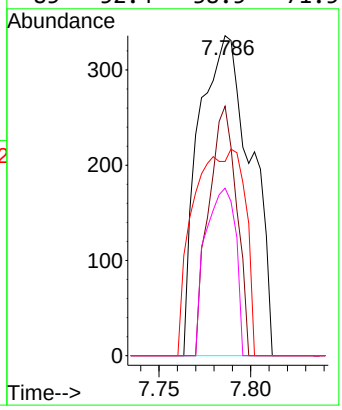


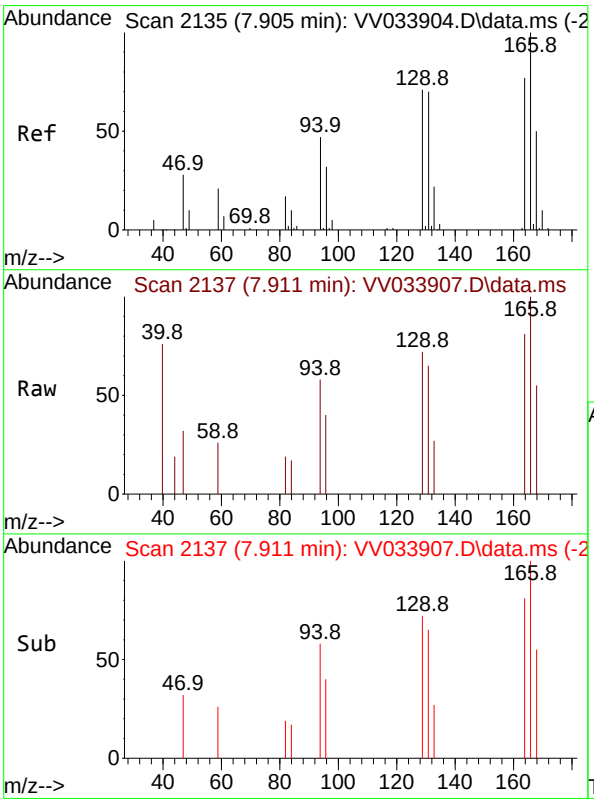
#45
1,1,2-Trichloroethane
Concen: 0.172 ug/L
RT: 7.786 min Scan# 2
Delta R.T. 0.016 min
Lab File: VV033907.D
Acq: 30 Jan 2024 11:18

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2023-07

Tgt Ion: 97 Resp: 663

Ion	Ratio	Lower	Upper
97	100		
99	78.0	45.6	84.6
83	60.7	62.3	115.7#
85	52.4	38.5	71.5

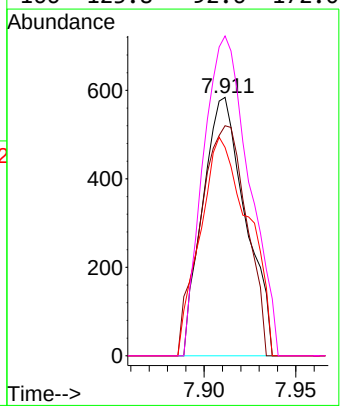


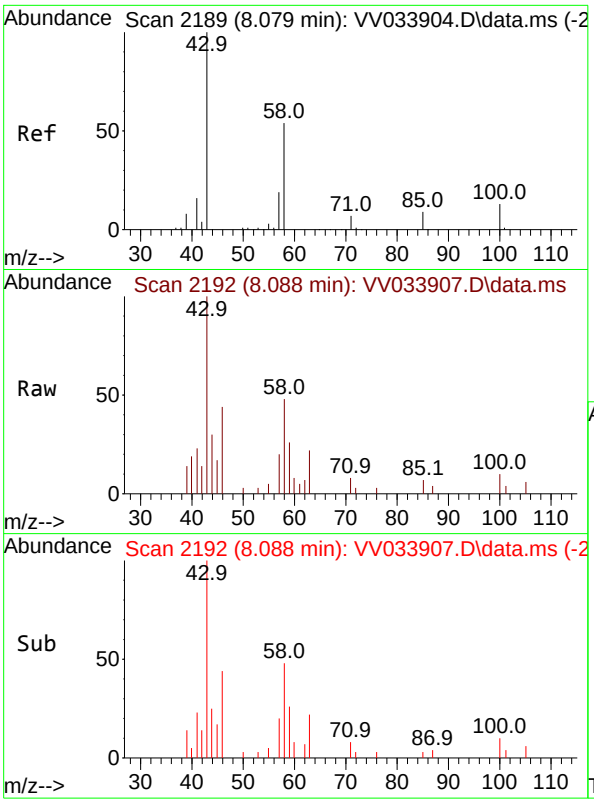


#47
Tetrachloroethene
Concen: 0.157 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. 0.006 min
Lab File: VV033907.D
Acq: 30 Jan 2024 11:18

Tgt Ion:164 Resp: 949

Ion	Ratio	Lower	Upper
164	100		
129	89.0	67.8	125.8
131	80.7	63.0	117.0
166	123.8	92.6	172.0



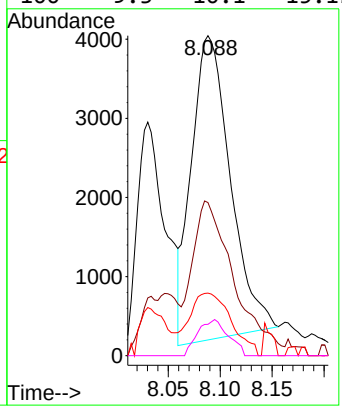


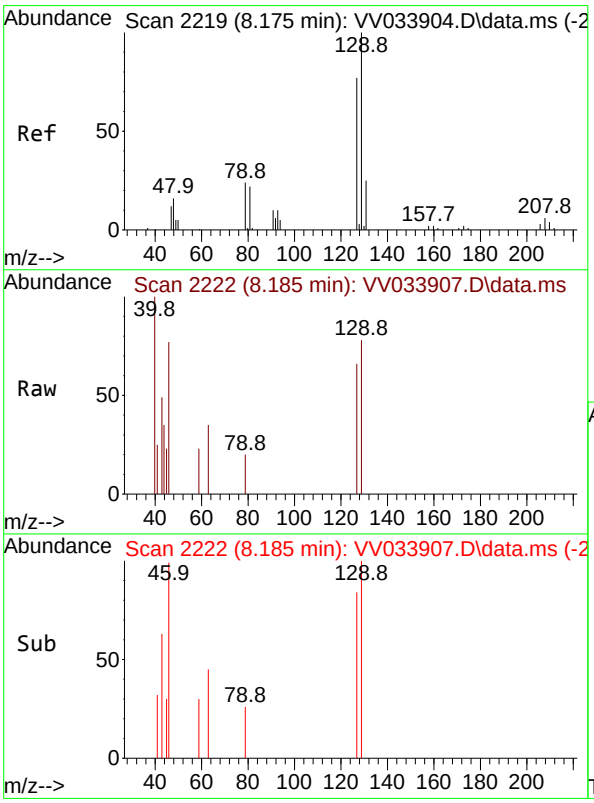
#48
2-Hexanone
Concen: 4.758 ug/L
RT: 8.088 min Scan# 21
Delta R.T. 0.010 min
Lab File: VV033907.D
Acq: 30 Jan 2024 11:18

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2023-07

Tgt Ion: 43 Resp: 10032

Ion	Ratio	Lower	Upper
43	100		
58	54.5	42.6	64.0
57	22.6	15.5	23.3
100	9.3	10.1	15.1#

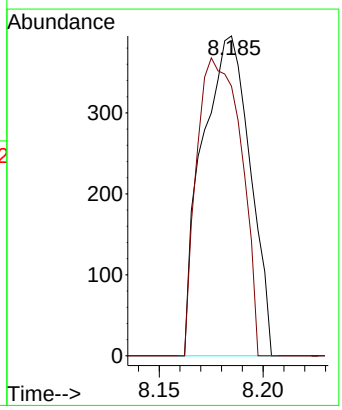


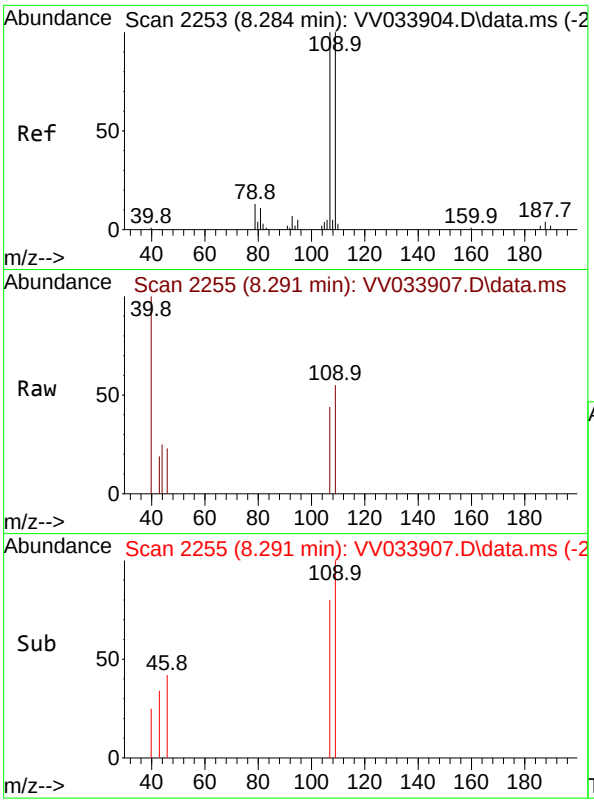


#49
Dibromochloromethane
Concen: 0.137 ug/L
RT: 8.185 min Scan# 2222
Delta R.T. 0.006 min
Lab File: VV033907.D
Acq: 30 Jan 2024 11:18

Tgt Ion:129 Resp: 629

Ion	Ratio	Lower	Upper
129	100		
127	84.3	53.5	99.5



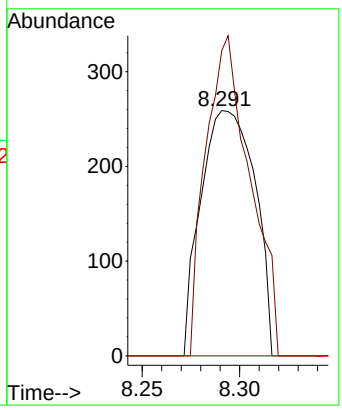


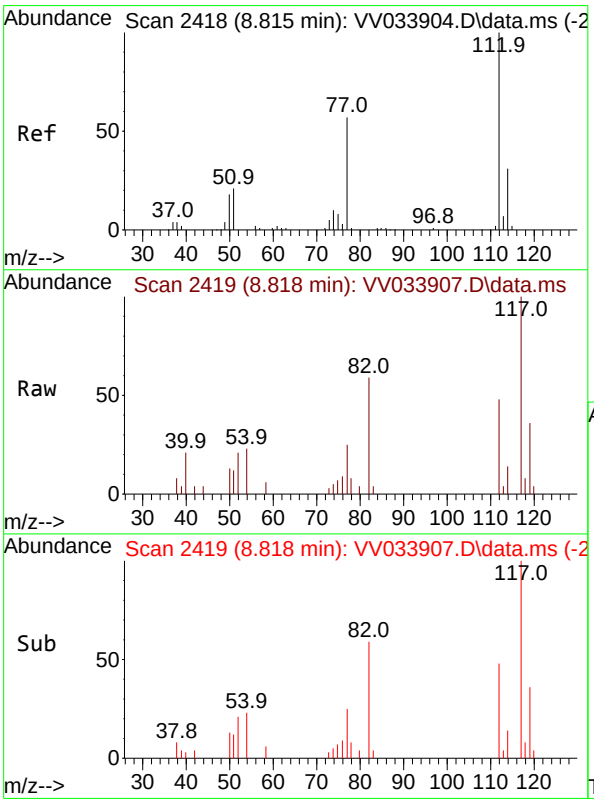
#50
1,2-Dibromoethane
Concen: 0.144 ug/L
RT: 8.291 min Scan# 2
Delta R.T. 0.006 min
Lab File: VV033907.D
Acq: 30 Jan 2024 11:18

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2023-07

Tgt Ion:107 Resp: 499

Ion	Ratio	Lower	Upper
107	100		
109	124.3	64.5	119.9#
188	0.0	2.6	4.0#

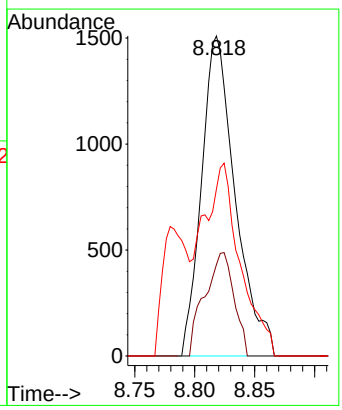


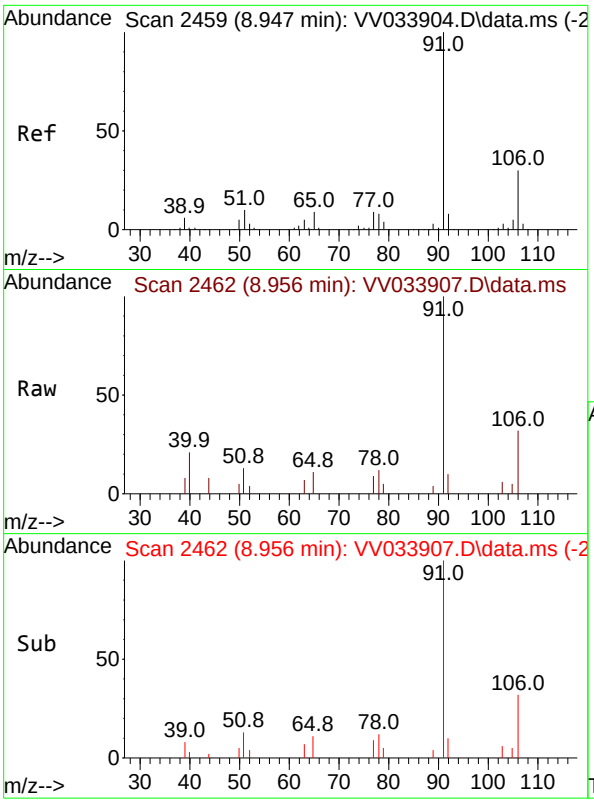


#51
Chlorobenzene
Concen: 0.170 ug/L
RT: 8.818 min Scan# 2419
Delta R.T. 0.003 min
Lab File: VV033907.D
Acq: 30 Jan 2024 11:18

Tgt Ion:112 Resp: 2959

Ion	Ratio	Lower	Upper
112	100		
114	28.5	22.5	41.7
77	52.2	48.1	72.1



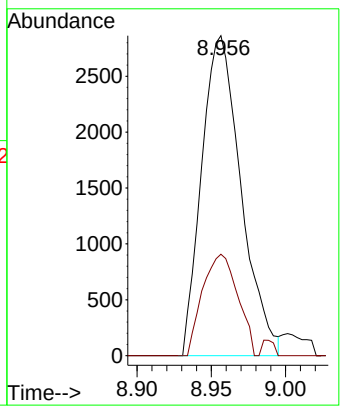


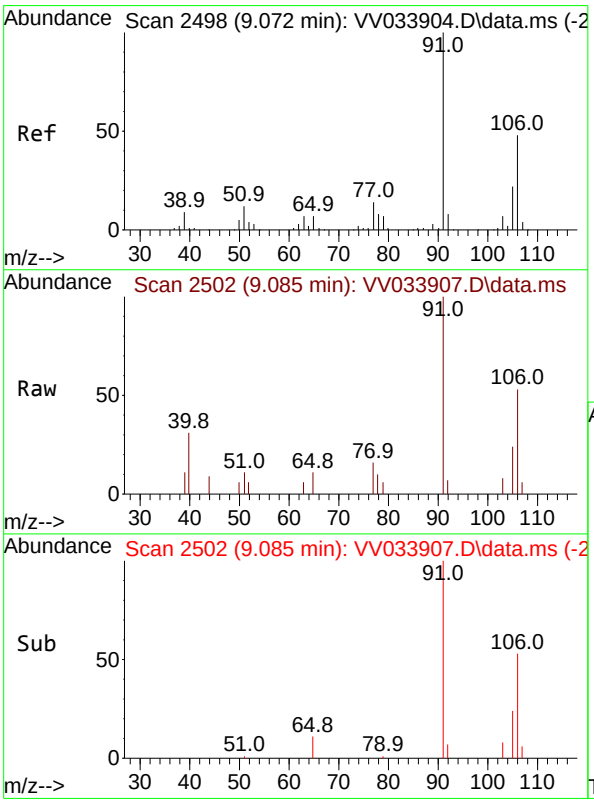
#52
Ethylbenzene
Concen: 0.166 ug/L
RT: 8.956 min Scan# 24
Delta R.T. 0.009 min
Lab File: VV033907.D
Acq: 30 Jan 2024 11:18

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2023-07

Tgt Ion: 91 Resp: 5279

Ion	Ratio	Lower	Upper
91	100		
106	31.7	21.4	39.8

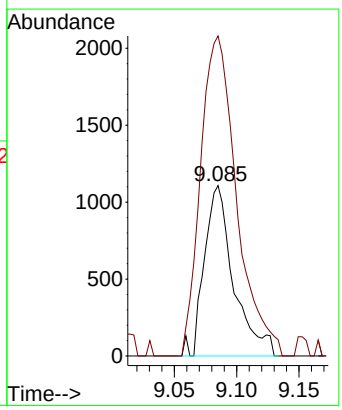


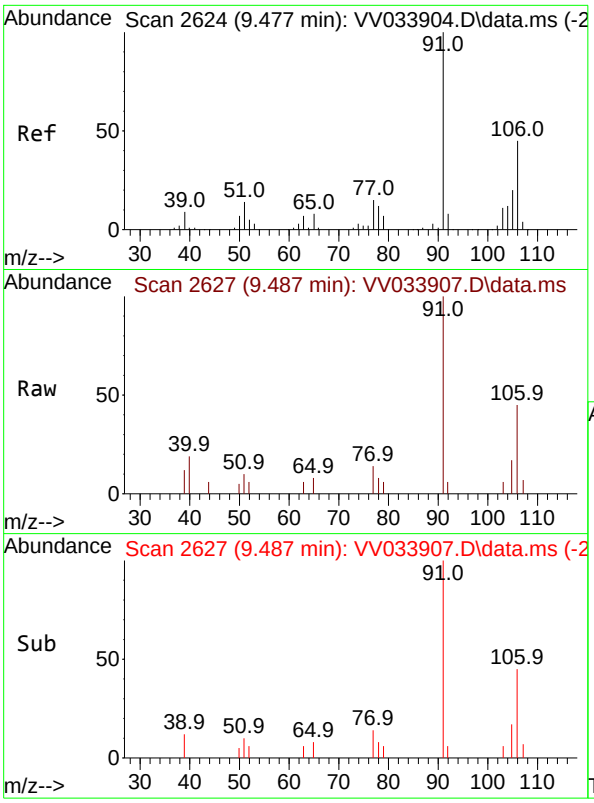


#53
m,p-Xylene
Concen: 0.150 ug/L
RT: 9.085 min Scan# 2502
Delta R.T. 0.013 min
Lab File: VV033907.D
Acq: 30 Jan 2024 11:18

Tgt Ion:106 Resp: 1801

Ion	Ratio	Lower	Upper
106	100		
91	187.7	147.5	273.9



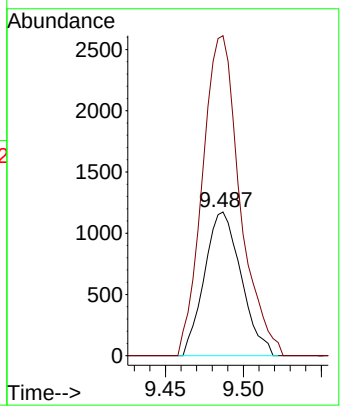


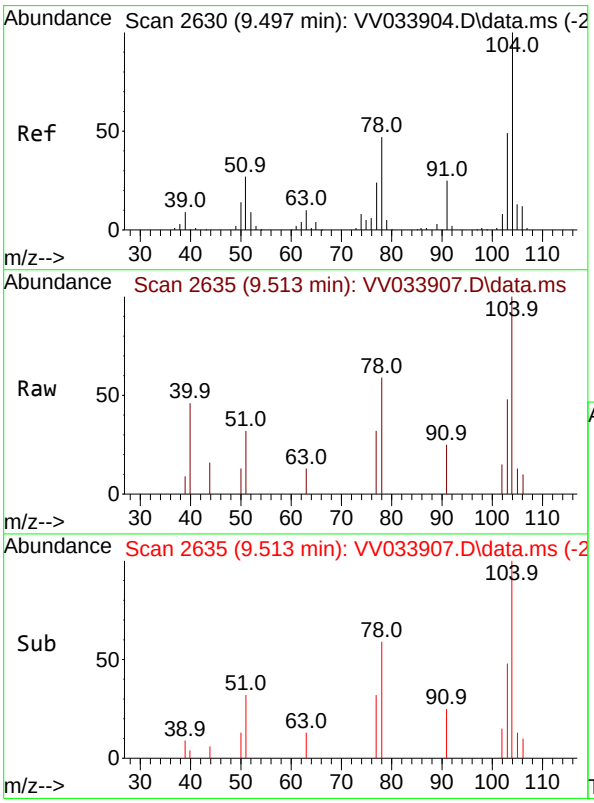
#54
o-Xylene
Concen: 0.166 ug/L
RT: 9.487 min Scan# 2
Delta R.T. 0.010 min
Lab File: VV033907.D
Acq: 30 Jan 2024 11:18

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2023-07

Tgt Ion:106 Resp: 1924

Ion	Ratio	Lower	Upper
106	100		
91	222.6	156.2	290.0

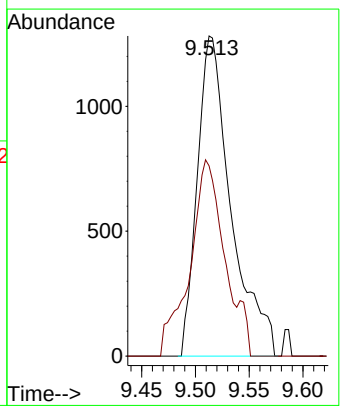


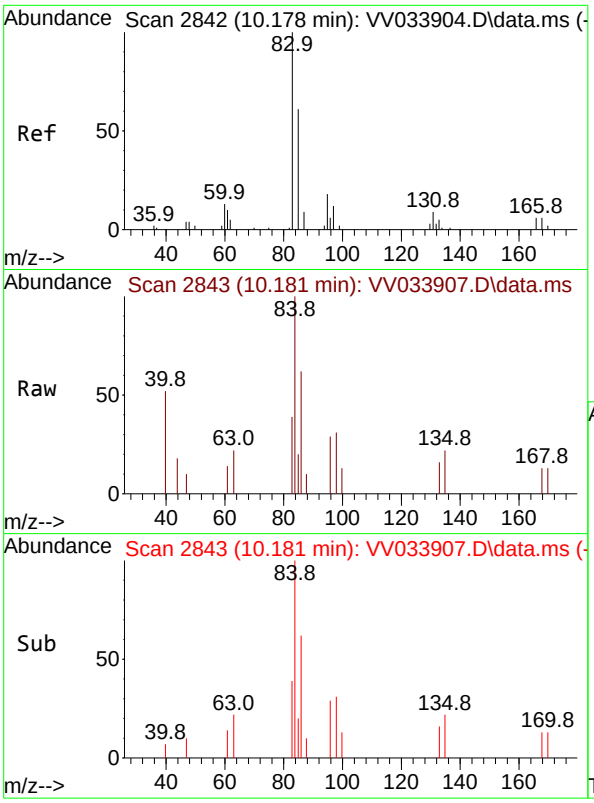


#55
Styrene
Concen: 0.151 ug/L
RT: 9.513 min Scan# 2635
Delta R.T. 0.016 min
Lab File: VV033907.D
Acq: 30 Jan 2024 11:18

Tgt Ion:104 Resp: 2798

Ion	Ratio	Lower	Upper
104	100		
78	59.4	32.9	61.1



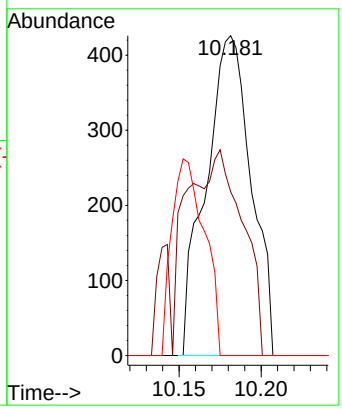


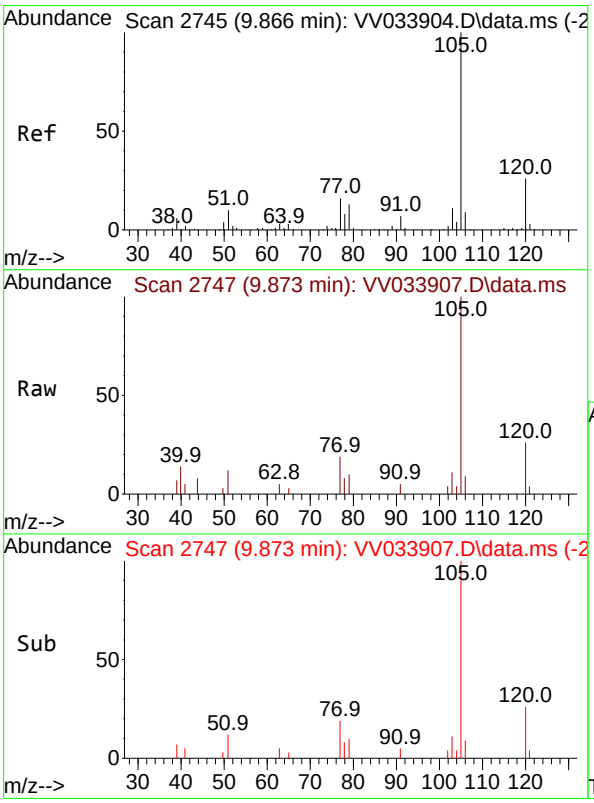
#57
1,1,2,2-Tetrachloroethane
Concen: 0.201 ug/L
RT: 10.181 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV033907.D
Acq: 30 Jan 2024 11:18

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2023-07

Tgt Ion: 83 Resp: 818

Ion	Ratio	Lower	Upper
83	100		
85	51.2	46.5	86.3
131	0.0	8.4	12.6#

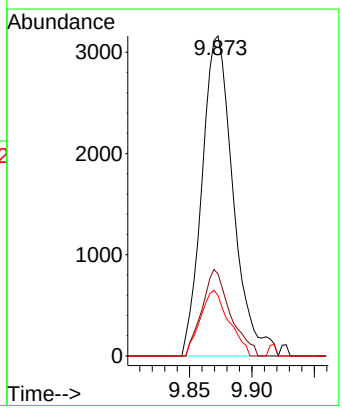


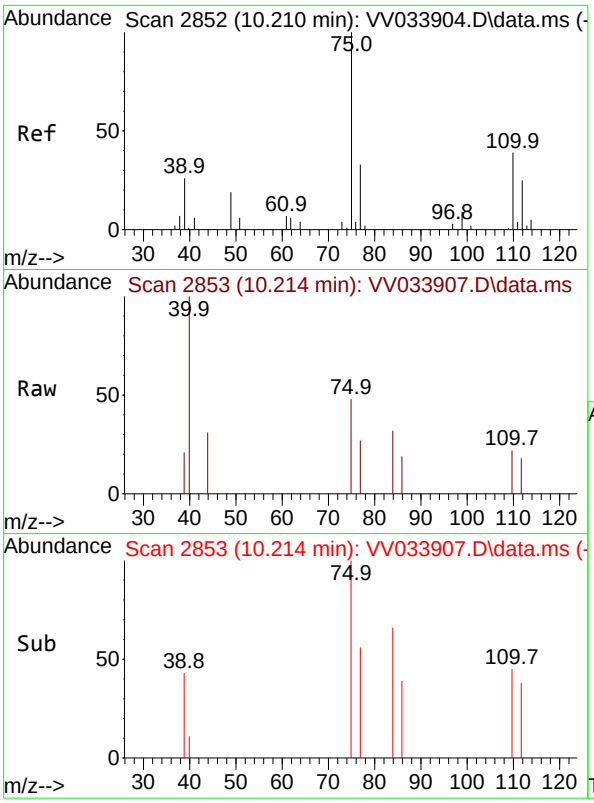


#60
Isopropylbenzene
Concen: 0.173 ug/L
RT: 9.873 min Scan# 2747
Delta R.T. 0.006 min
Lab File: VV033907.D
Acq: 30 Jan 2024 11:18

Tgt Ion:105 Resp: 5490

Ion	Ratio	Lower	Upper
105	100		
120	24.7	20.7	31.1
77	18.8	13.0	19.6



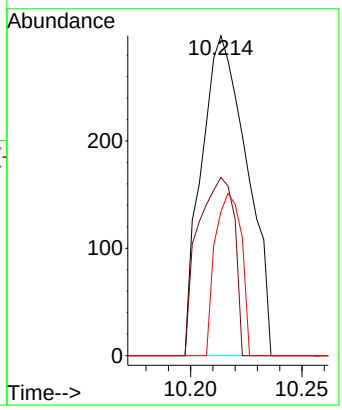


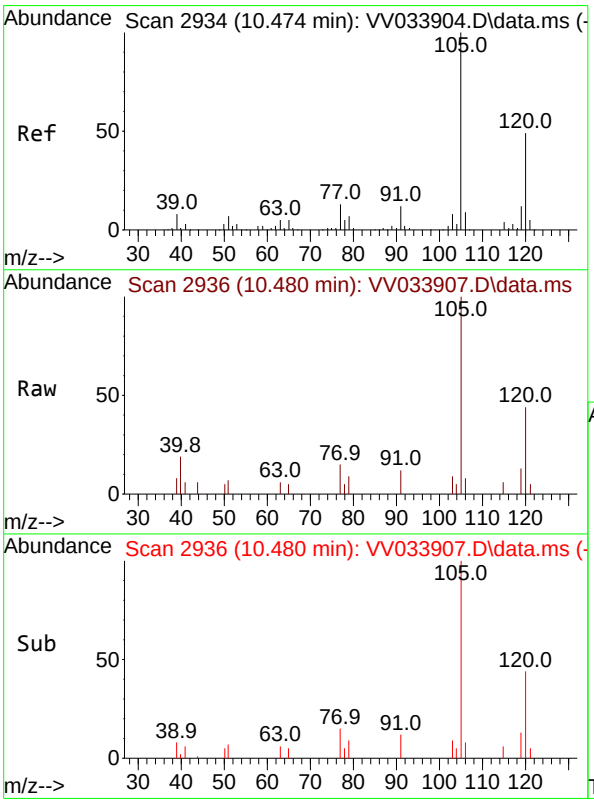
#61
1,2,3-Trichloropropane
Concen: 0.144 ug/L
RT: 10.214 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV033907.D
Acq: 30 Jan 2024 11:18

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2023-07

Tgt Ion: 75 Resp: 424

Ion	Ratio	Lower	Upper
75	100		
77	44.3	26.9	40.3#
110	29.0	33.3	49.9#

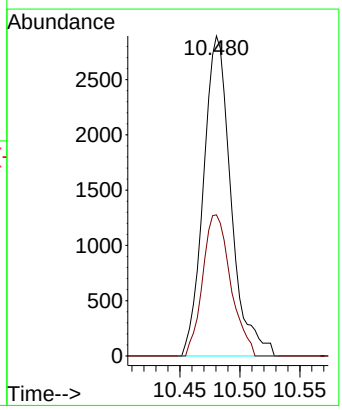


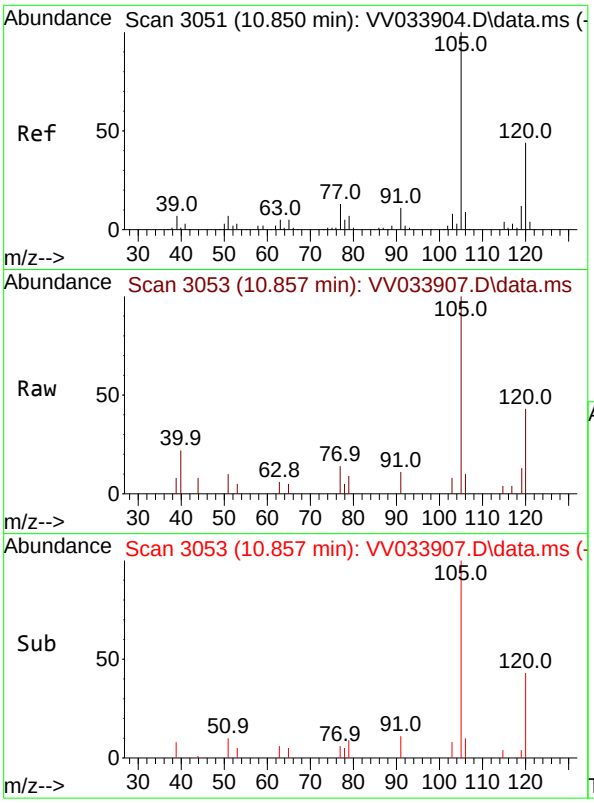


#62
1,3,5-Trimethylbenzene
Concen: 0.172 ug/L
RT: 10.480 min Scan# 2936
Delta R.T. 0.006 min
Lab File: VV033907.D
Acq: 30 Jan 2024 11:18

Tgt Ion:105 Resp: 4610

Ion	Ratio	Lower	Upper
105	100		
120	44.9	38.2	57.4



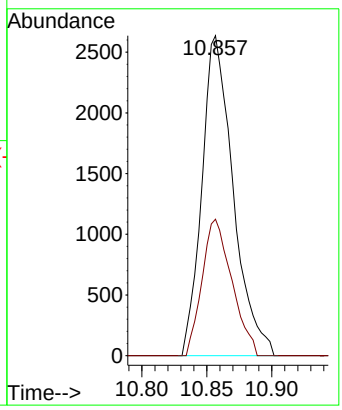


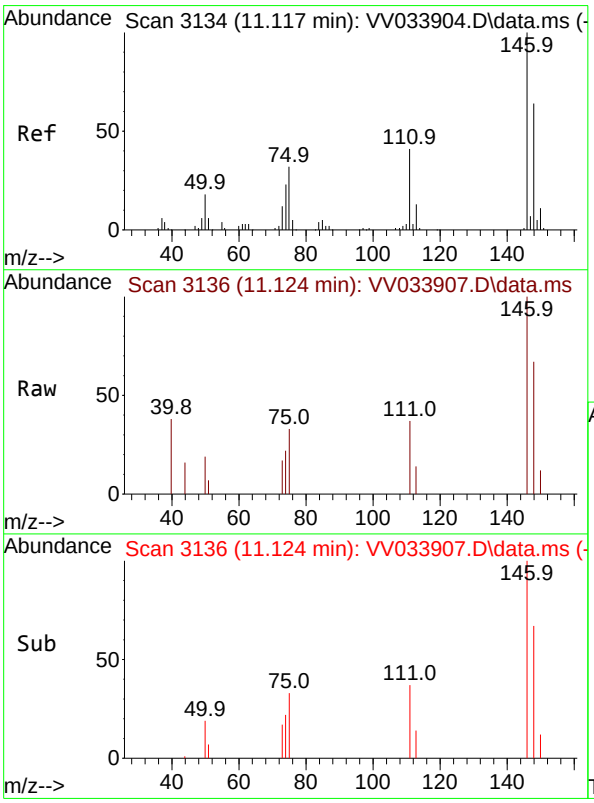
#63
1,2,4-Trimethylbenzene
Concen: 0.170 ug/L
RT: 10.857 min Scan# 3
Delta R.T. 0.006 min
Lab File: VV033907.D
Acq: 30 Jan 2024 11:18

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2023-07

Tgt Ion:105 Resp: 4419

Ion	Ratio	Lower	Upper
105	100		
120	40.5	36.2	54.2

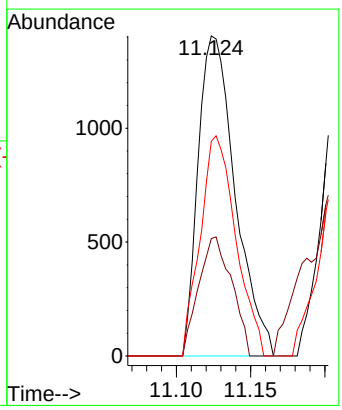


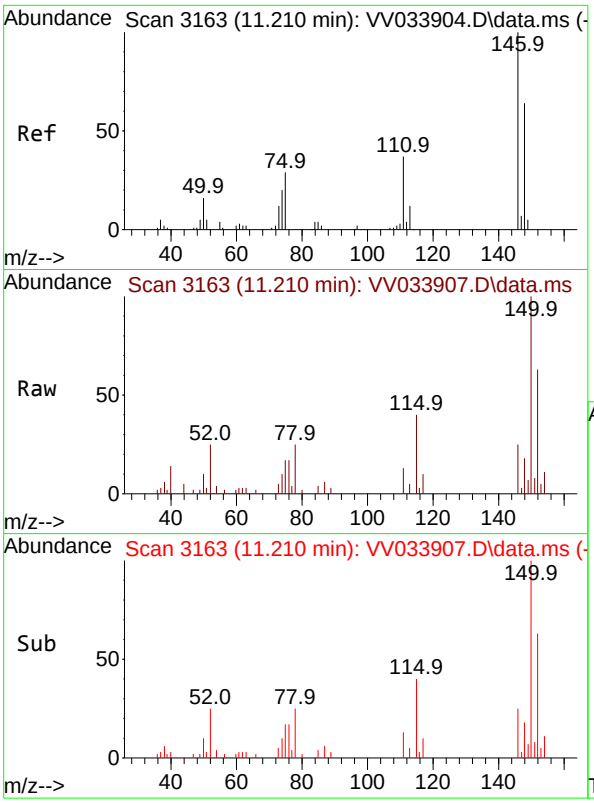


#64
1,3-Dichlorobenzene
Concen: 0.177 ug/L
RT: 11.124 min Scan# 3136
Delta R.T. 0.006 min
Lab File: VV033907.D
Acq: 30 Jan 2024 11:18

Tgt Ion:146 Resp: 2437

Ion	Ratio	Lower	Upper
146	100		
111	36.7	28.5	52.9
148	67.1	44.4	82.4



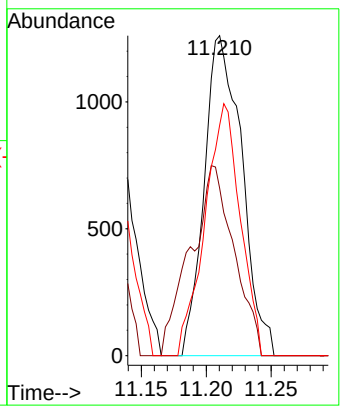


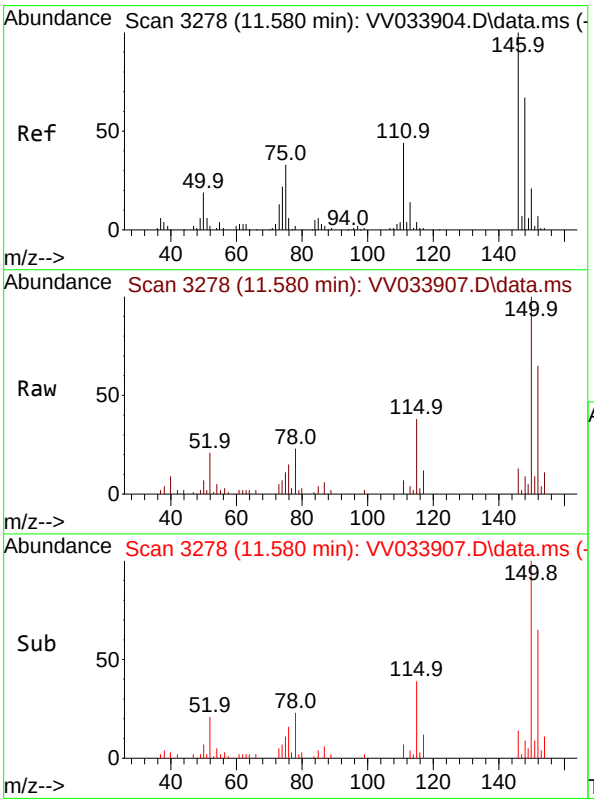
#65
1,4-Dichlorobenzene
Concen: 0.185 ug/L
RT: 11.210 min Scan# 3
Delta R.T. -0.000 min
Lab File: VV033907.D
Acq: 30 Jan 2024 11:18

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2023-07

Tgt Ion:146 Resp: 2533

Ion	Ratio	Lower	Upper
146	100		
111	52.3	27.6	51.4#
148	72.0	44.8	83.2

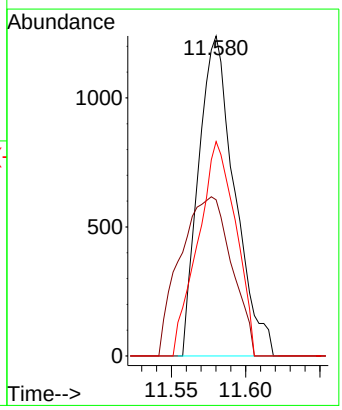


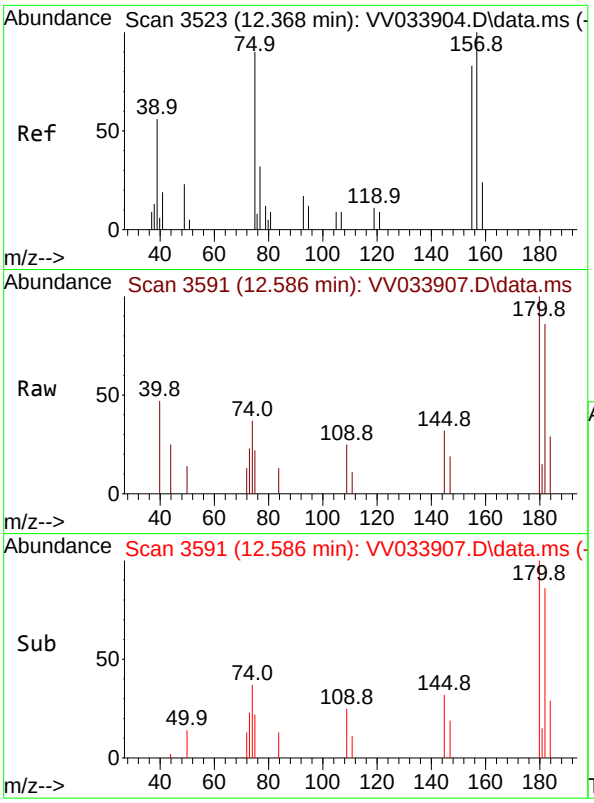


#67
1,2-Dichlorobenzene
Concen: 0.176 ug/L
RT: 11.580 min Scan# 3278
Delta R.T. -0.000 min
Lab File: VV033907.D
Acq: 30 Jan 2024 11:18

Tgt Ion:146 Resp: 2085

Ion	Ratio	Lower	Upper
146	100		
111	48.8	31.2	46.8#
148	67.0	49.8	74.8



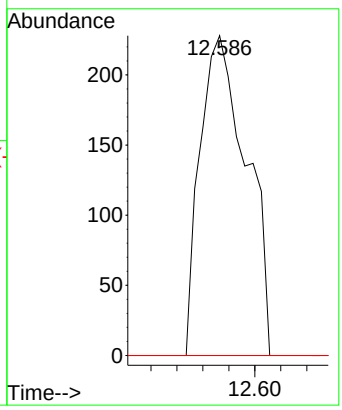


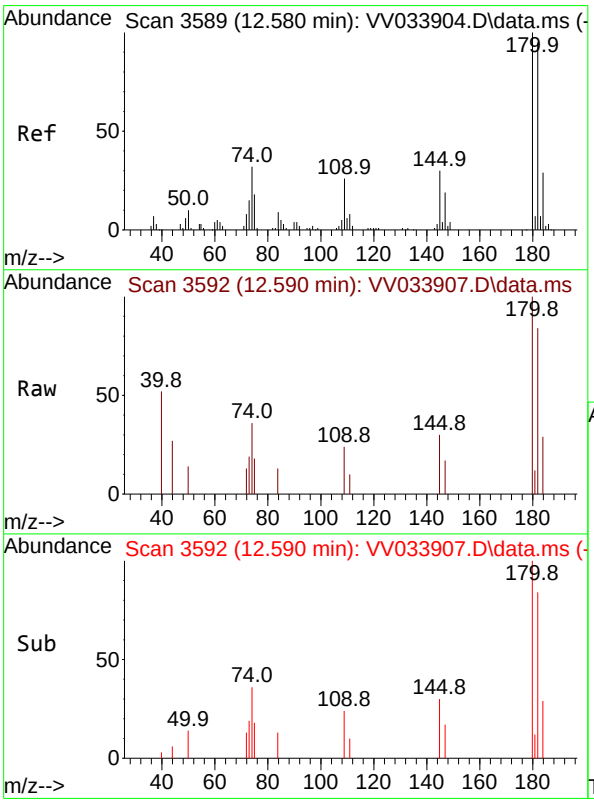
#68
1,2-Dibromo-3-chloropropane
Concen: 0.459 ug/L
RT: 12.586 min Scan# 3
Delta R.T. 0.219 min
Lab File: VV033907.D
Acq: 30 Jan 2024 11:18

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2023-07

Tgt Ion: 75 Resp: 283

Ion	Ratio	Lower	Upper
75	100		
155	0.0	68.9	103.3#
157	0.0	84.6	127.0#

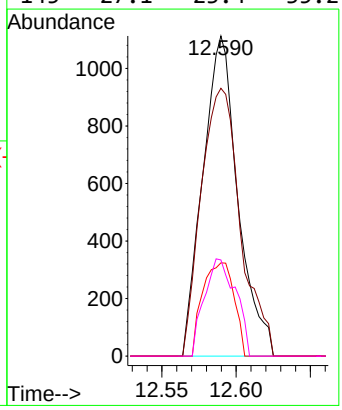


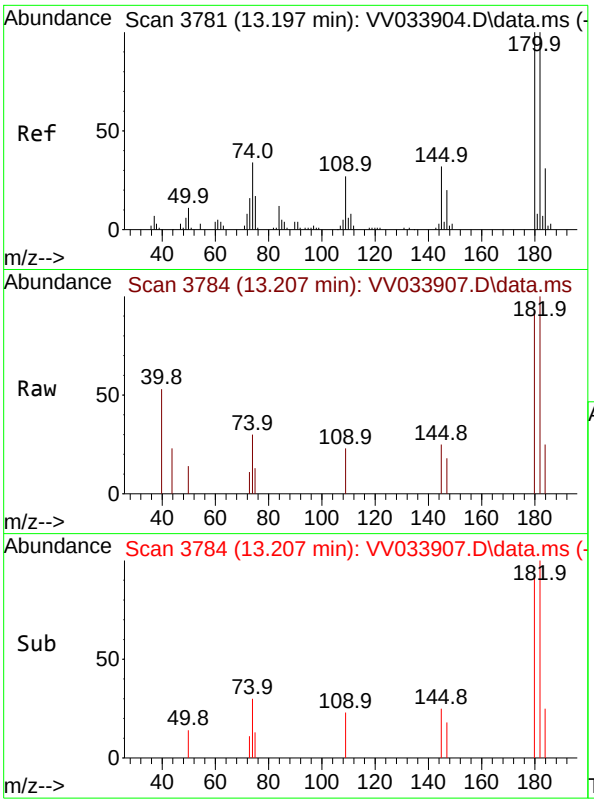


#69
1,3,5-Trichlorobenzene
Concen: 0.171 ug/L
RT: 12.590 min Scan# 3592
Delta R.T. 0.006 min
Lab File: VV033907.D
Acq: 30 Jan 2024 11:18

Tgt Ion:180 Resp: 1823

Ion	Ratio	Lower	Upper
180	100		
182	93.7	77.0	115.4
184	26.1	23.8	35.6
145	27.1	23.4	35.2



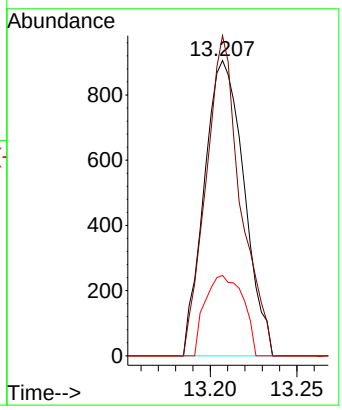


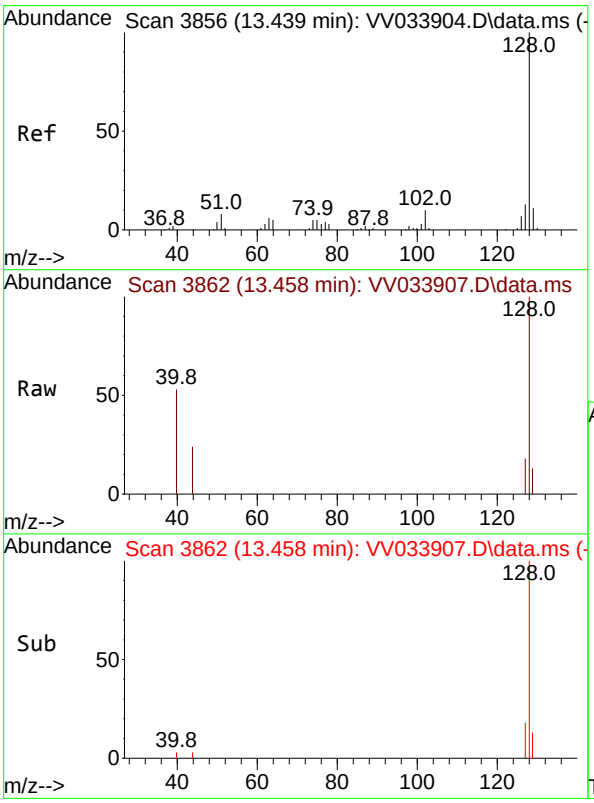
#70
1,2,4-trichlorobenzene
Concen: 0.173 ug/L
RT: 13.207 min Scan# 3
Delta R.T. 0.009 min
Lab File: VV033907.D
Acq: 30 Jan 2024 11:18

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2023-07

Tgt Ion:180 Resp: 1446

Ion	Ratio	Lower	Upper
180	100		
182	94.3	76.8	115.2
145	25.8	24.8	37.2

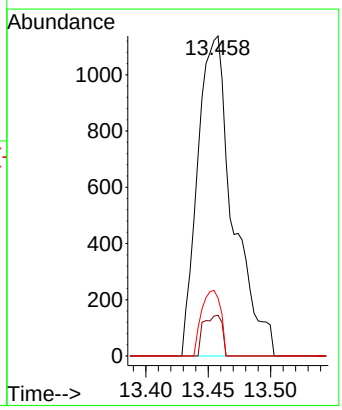


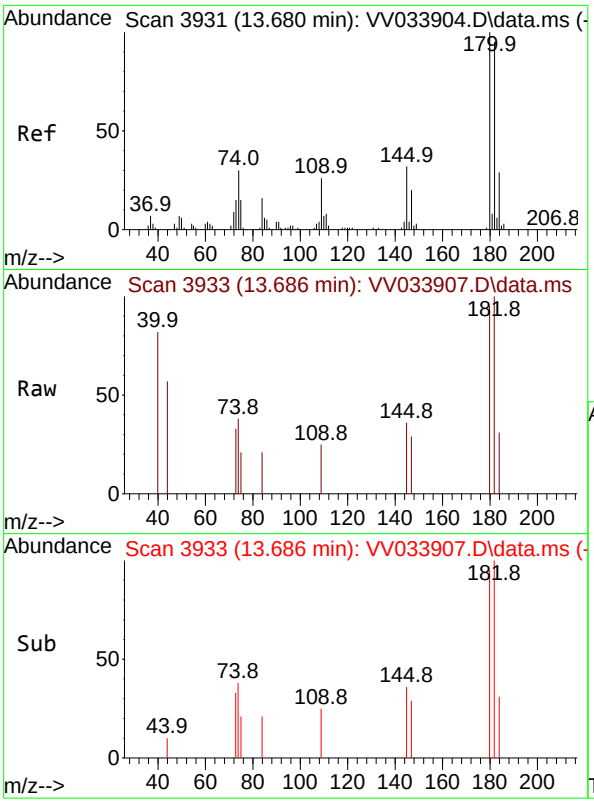


#71
Naphthalene
Concen: 0.205 ug/L
RT: 13.458 min Scan# 3862
Delta R.T. 0.016 min
Lab File: VV033907.D
Acq: 30 Jan 2024 11:18

Tgt Ion:128 Resp: 2240

Ion	Ratio	Lower	Upper
128	100		
129	6.7	8.5	12.7#
127	11.1	10.4	15.6





#72
1,2,3-Trichlorobenzene
Concen: 0.154 ug/L
RT: 13.686 min Scan# 3
Delta R.T. 0.006 min
Lab File: VV033907.D
Acq: 30 Jan 2024 11:18

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2023-07

Tgt Ion:180 Resp: 1030

Ion	Ratio	Lower	Upper
180	100		
182	98.9	75.0	112.6
145	24.3	25.2	37.8#