Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030822\
Data File : VY007776.D
Acq On : 08 Mar 2022 13:44
Operator : SY/MD
Sample : N1774-03
Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Mar 09 00:26:11 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
Quant Title : SW846 8260
QLast Update : Tue Mar 01 09:08:03 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.789	168	255563	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	392902	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	326772	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	126398	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	136642	51.071	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.140%			
35) Dibromofluoromethane	7.722	113	131884	52.503	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.000%			
50) Toluene-d8	10.179	98	465208	50.311	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.620%			
62) 4-Bromofluorobenzene	12.477	95	124194	41.668	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 83.340%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	255	Below Cal	#	43
3) Chloromethane	2.113	50	3816	Below Cal		96
11) Tert butyl alcohol	4.960	59	11980	51.718	ug/l #	94
13) Acrolein	3.729	56	67	Below Cal	#	62
16) Acetone	3.960	43	2468	4.534	ug/l #	54
17) Carbon Disulfide	4.198	76	438	Below Cal	#	75
18) Methyl Acetate	4.479	43	120	Below Cal	#	56
31) Cyclohexane	7.783	56	5862	Below Cal	#	6
32) 1,1,1-Trichloroethane	7.697	97	24567	5.171	ug/l	96
36) 1,1-Dichloropropene	7.789	75	18467	4.673	ug/l #	51
38) Carbon Tetrachloride	7.789	117	24395	5.787	ug/l #	15
51) 4-Methyl-2-Pentanone	10.069	43	5030	2.329	ug/l #	87
52) Toluene	10.246	92	39880	5.608	ug/l	96
60) Dibromochloromethane	10.721	129	8495	3.072	ug/l #	11
64) Tetrachloroethene	10.721	164	10173	4.200	ug/l	87
67) Ethyl Benzene	11.593	91	14321	1.115	ug/l	97
68) m/p-Xylenes	11.703	106	16927	3.436	ug/l	93
69) o-Xylene	12.026	106	13612	2.916	ug/l	90
76) 1,2,3-Trichloropropane	12.477	75	69262	49.067	ug/l #	100
78) n-propylbenzene	12.672	91	12072	1.016	ug/l	89
79) 2-Chlorotoluene	12.758	91	13904	2.187	ug/l	76
80) 1,3,5-Trimethylbenzene	12.812	105	22112	2.808	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.477	75	69262	100.312	ug/l #	7
84) 1,2,4-Trimethylbenzene	13.117	105	56069	7.229	ug/l	99
90) Hexachloroethane	13.977	117	3271	1.950	ug/l #	11
91) 1,2-Dichlorobenzene	13.739	146	5230	1.305	ug/l #	79
92) 1,2-Dibromo-3-Chloropr...	14.330	75	483	1.544	ug/l #	9
95) Naphthalene	15.233	128	42589	8.251	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	4465	1.975	ug/l #	24

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

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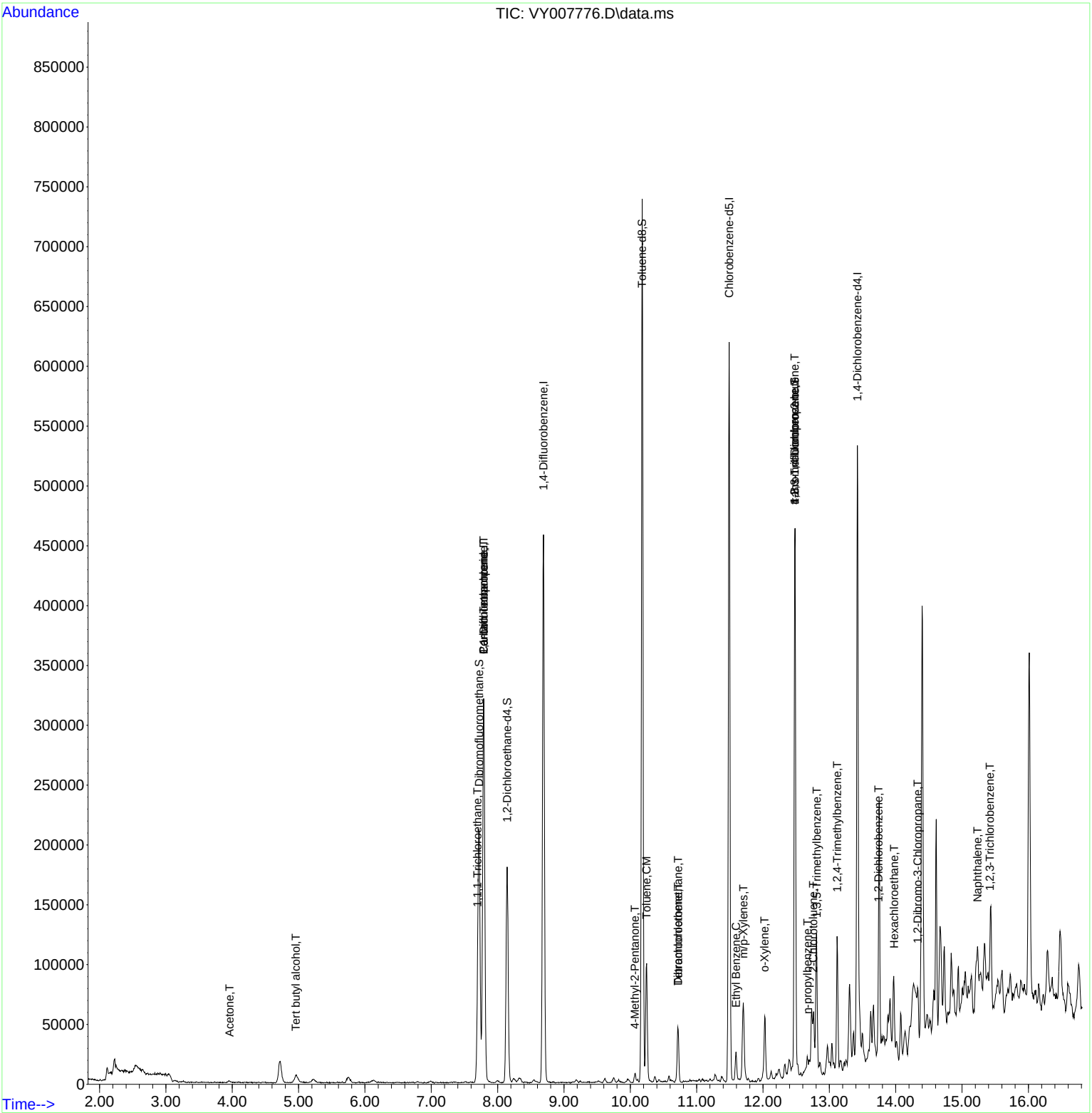
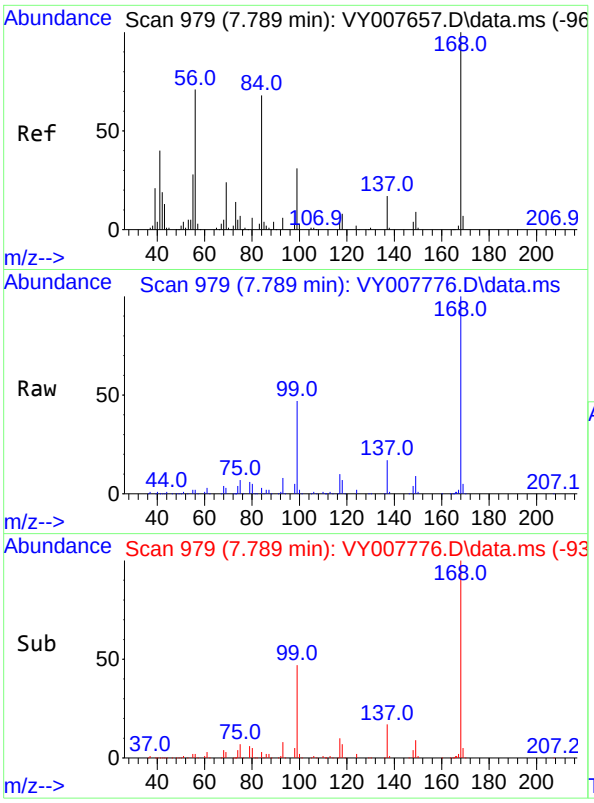
Quant Title : SW846 8260
QLast Update : Tue Mar 01 09:08:03 2022
Response via : Initial Calibration



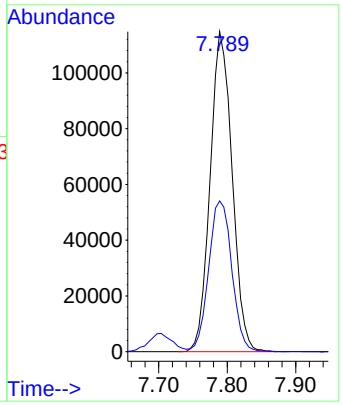


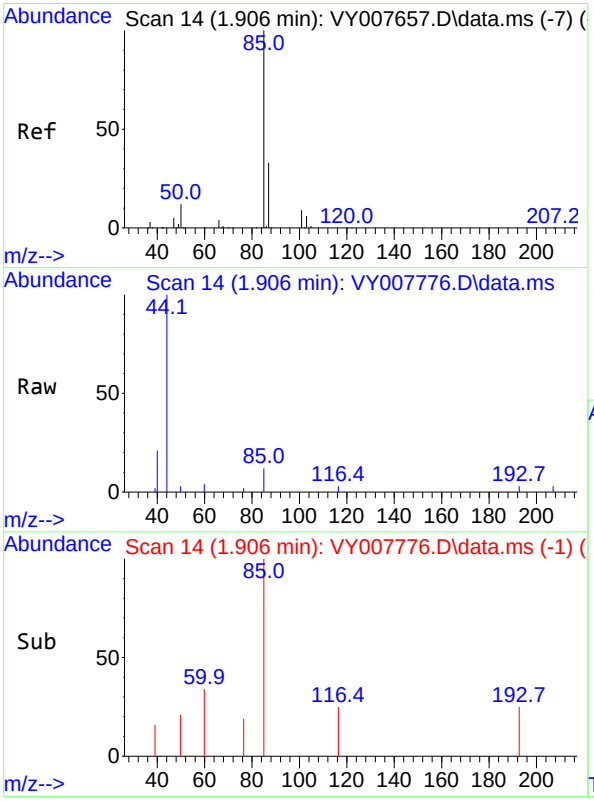
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY007776.D
Acq: 08 Mar 2022 13:44

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 255563

Ion	Ratio	Lower	Upper
168	100		
99	47.0	46.9	70.3

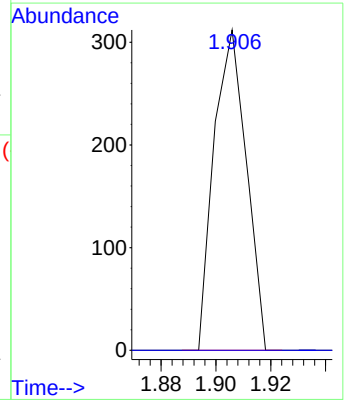


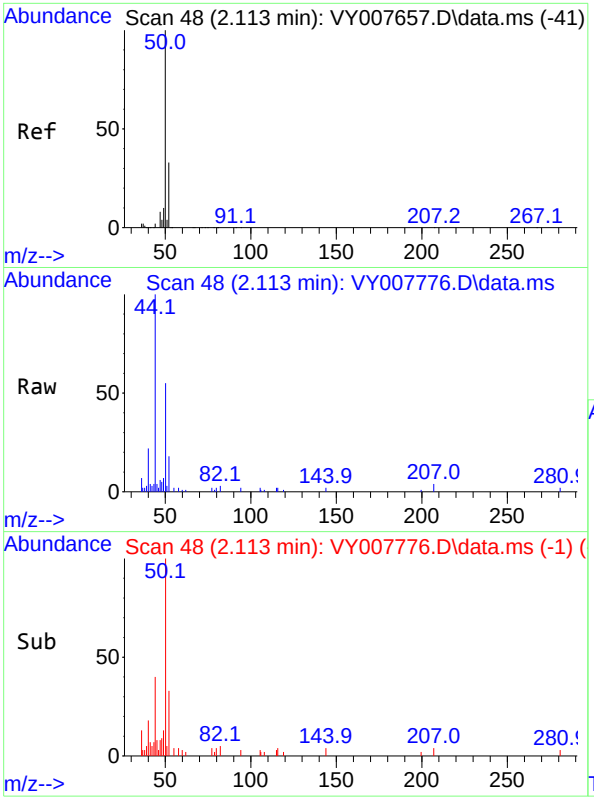


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY007776.D
Acq: 08 Mar 2022 13:44

Tgt Ion: 85 Resp: 255

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.1	48.2#



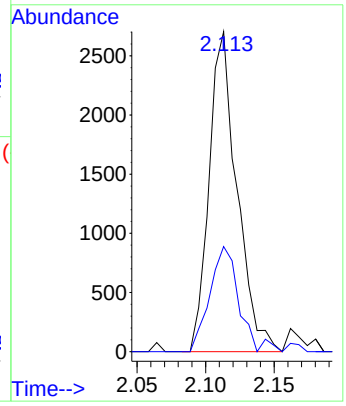


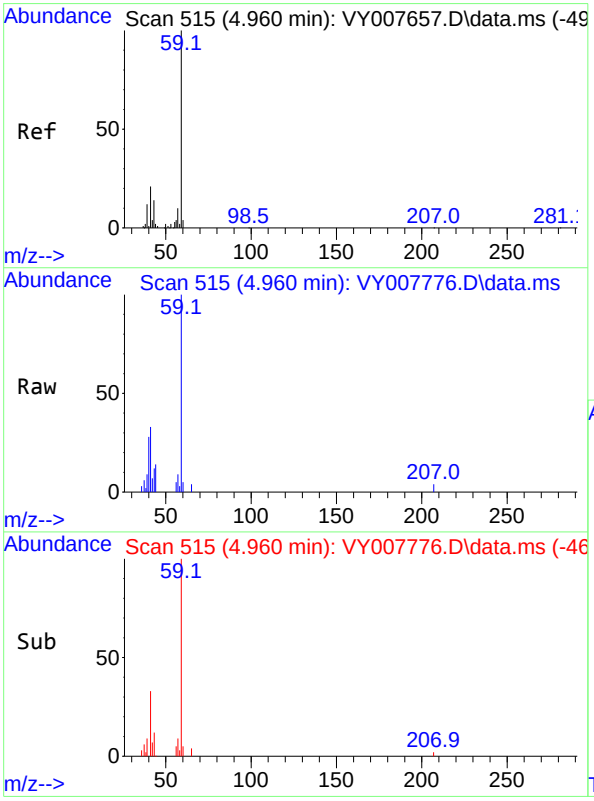
#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 4
Delta R.T. 0.000 min
Lab File: VY007776.D
Acq: 08 Mar 2022 13:44

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 50 Resp: 3816

Ion	Ratio	Lower	Upper
50	100		
52	32.8	24.6	37.0

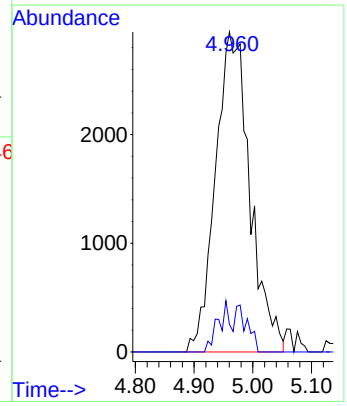


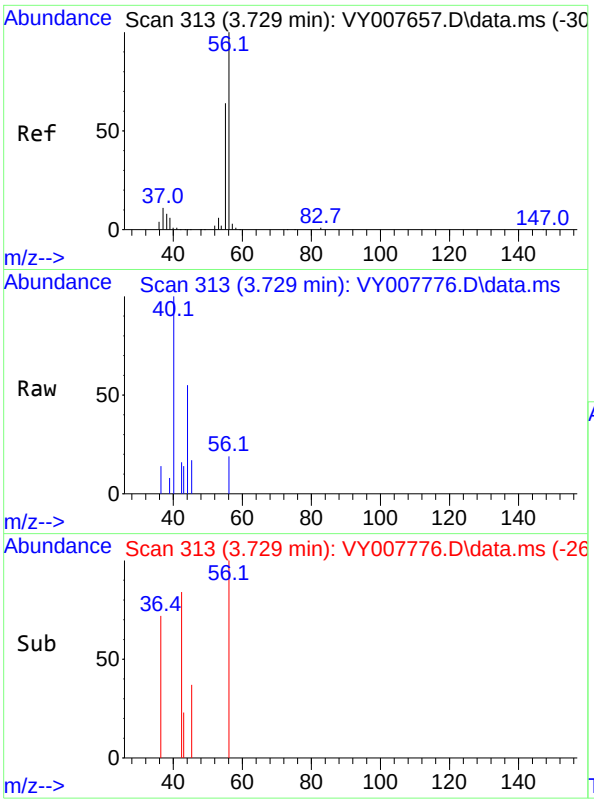


#11
Tert butyl alcohol
Concen: 51.718 ug/l
RT: 4.960 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY007776.D
Acq: 08 Mar 2022 13:44

Tgt Ion: 59 Resp: 11980

Ion	Ratio	Lower	Upper
59	100		
57	5.7	6.4	9.6#



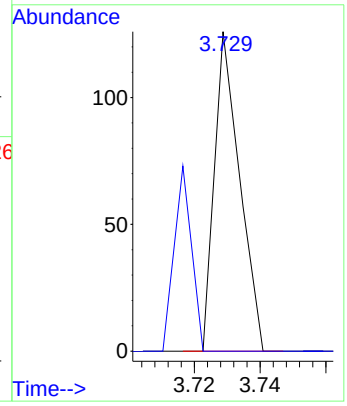


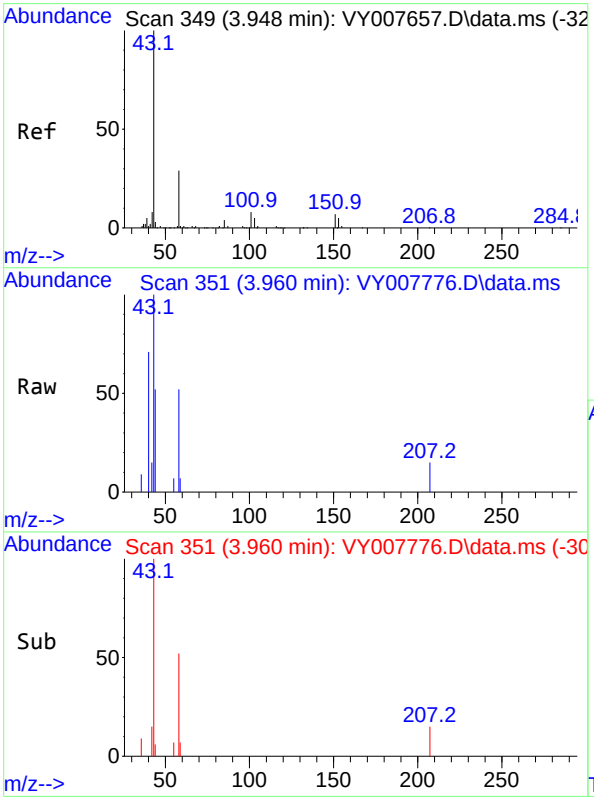
#13
Acrolein
Concen: Below Cal
RT: 3.729 min Scan# 3
Delta R.T. -0.000 min
Lab File: VY007776.D
Acq: 08 Mar 2022 13:44

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 56 Resp: 67

Ion	Ratio	Lower	Upper
56	100		
55	40.3	57.6	86.4#

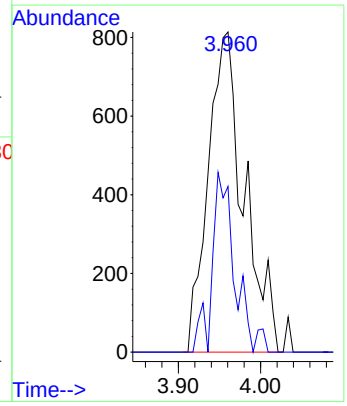


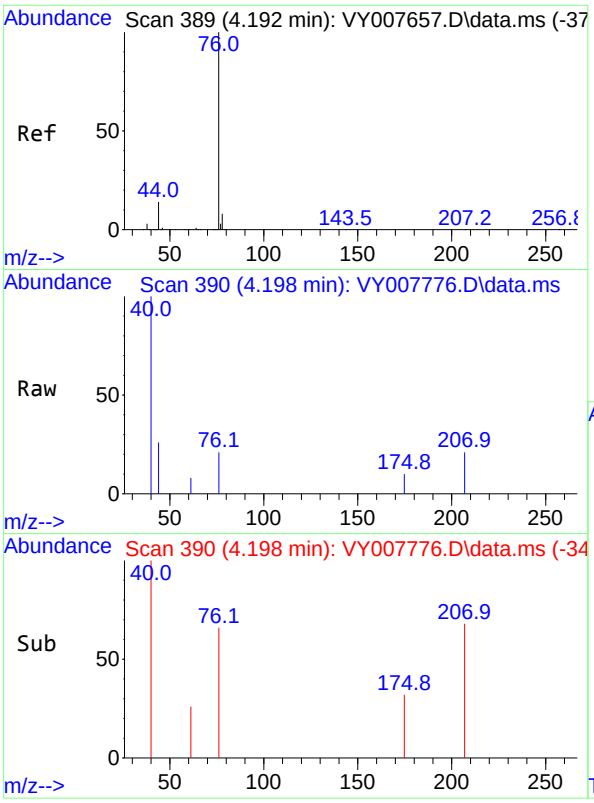


#16
Acetone
Concen: 4.534 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.012 min
Lab File: VY007776.D
Acq: 08 Mar 2022 13:44

Tgt Ion: 43 Resp: 2468

Ion	Ratio	Lower	Upper
43	100		
58	51.7	22.0	33.0#



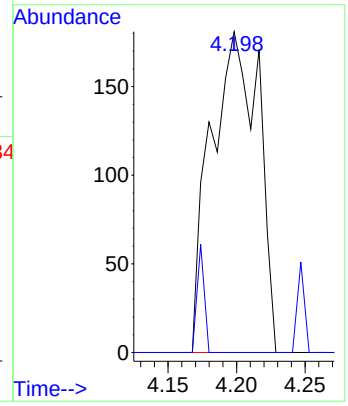


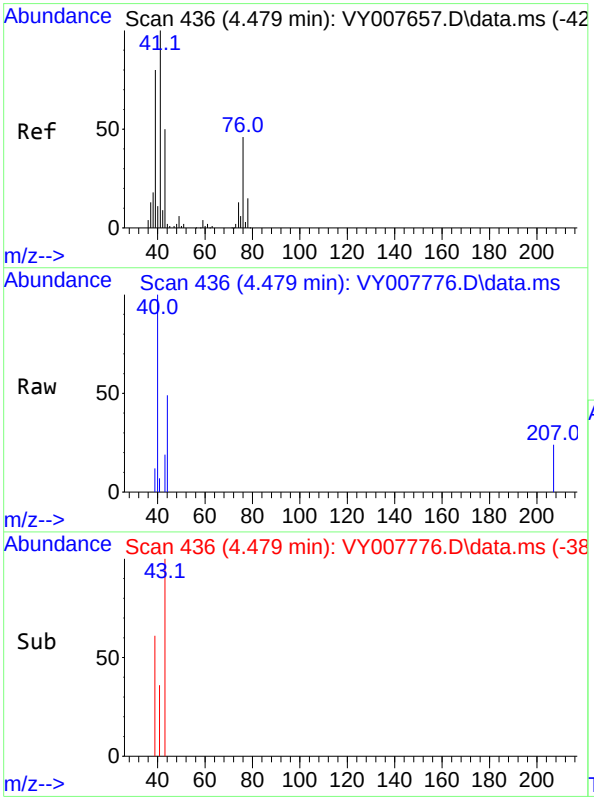
#17
Carbon Disulfide
Concen: Below Cal
RT: 4.198 min Scan# 3
Delta R.T. 0.006 min
Lab File: VY007776.D
Acq: 08 Mar 2022 13:44

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 76 Resp: 438

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.4	11.0#

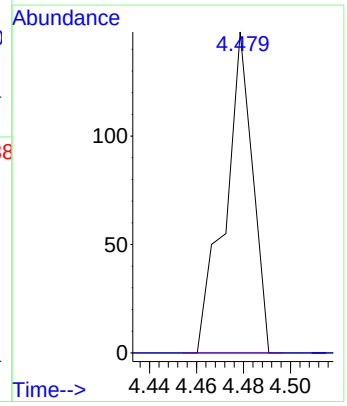


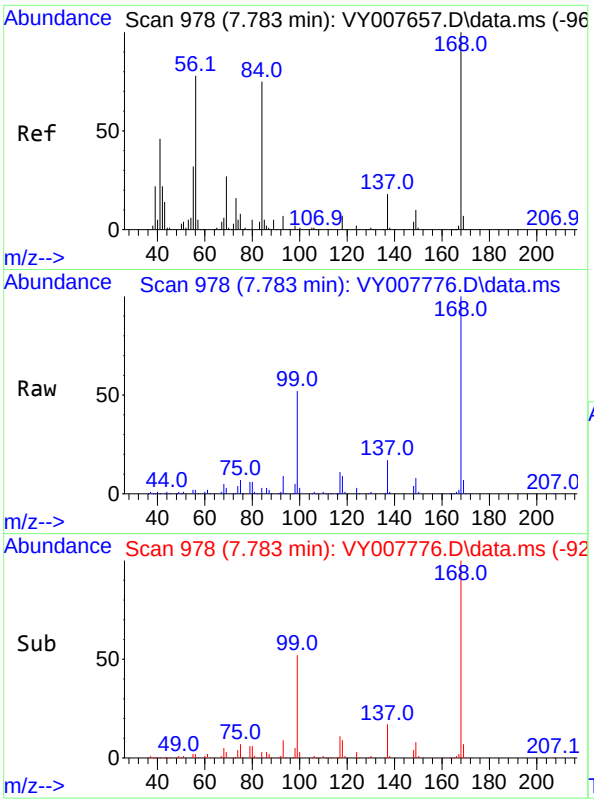


#18
Methyl Acetate
Concen: Below Cal
RT: 4.479 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY007776.D
Acq: 08 Mar 2022 13:44

Tgt Ion: 43 Resp: 120

Ion	Ratio	Lower	Upper
43	100		
74	0.0	16.6	24.8#



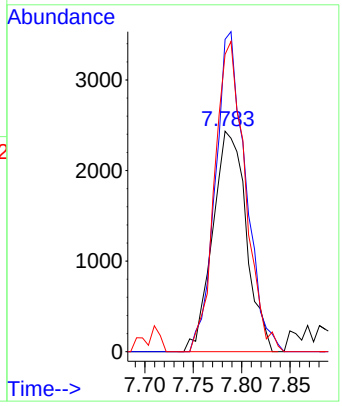


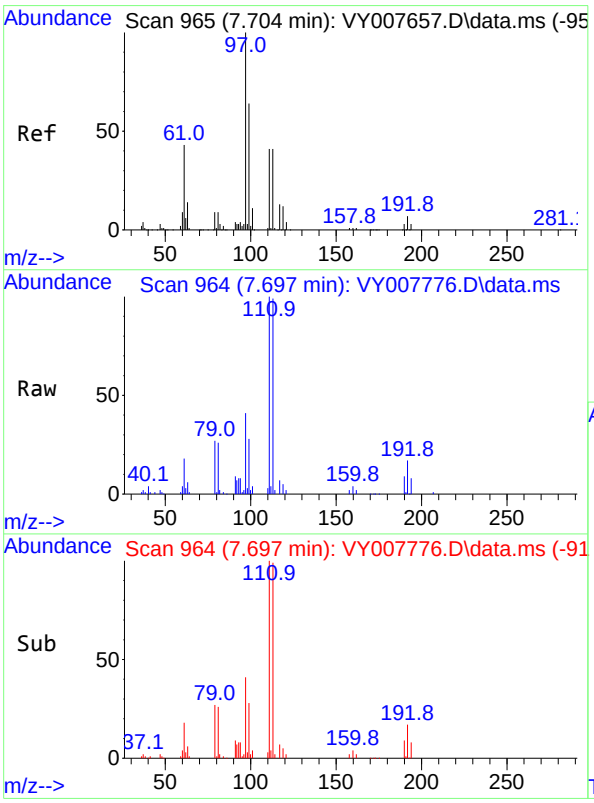
#31
Cyclohexane
Concen: Below Cal
RT: 7.783 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY007776.D
Acq: 08 Mar 2022 13:44

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 56 Resp: 5862

Ion	Ratio	Lower	Upper
56	100		
69	141.6	26.7	40.1#
84	134.8	67.2	100.8#

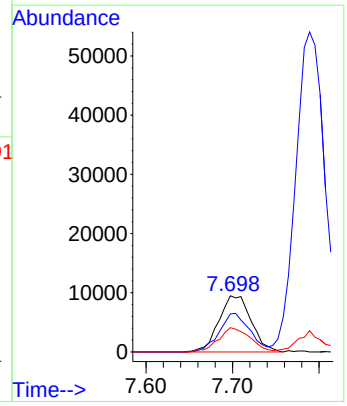


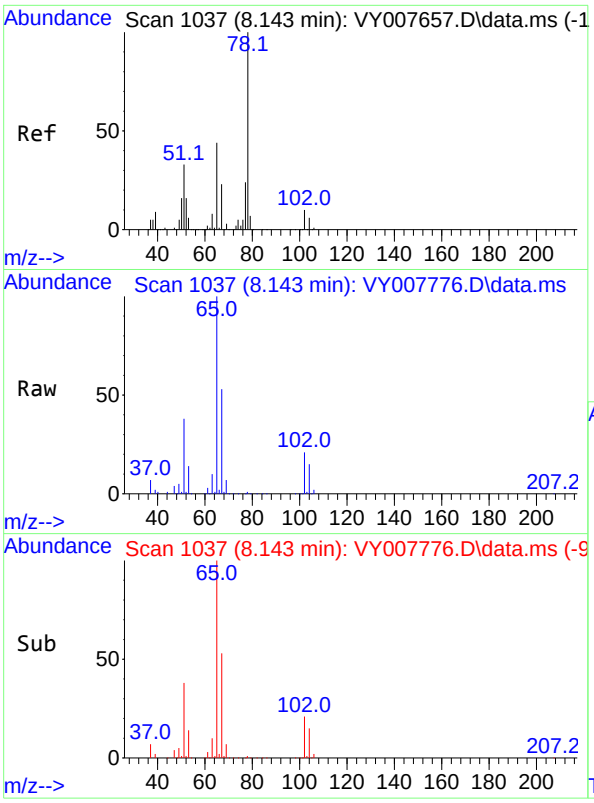


#32
1,1,1-Trichloroethane
Concen: 5.171 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY007776.D
Acq: 08 Mar 2022 13:44

Tgt Ion: 97 Resp: 24567

Ion	Ratio	Lower	Upper
97	100		
99	65.0	50.7	76.1
61	42.3	37.6	56.4



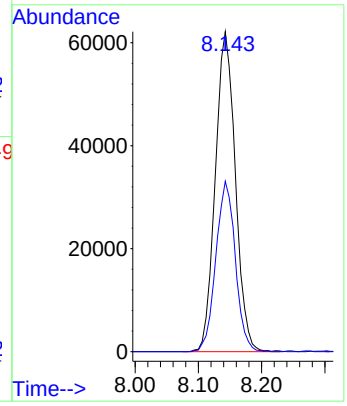


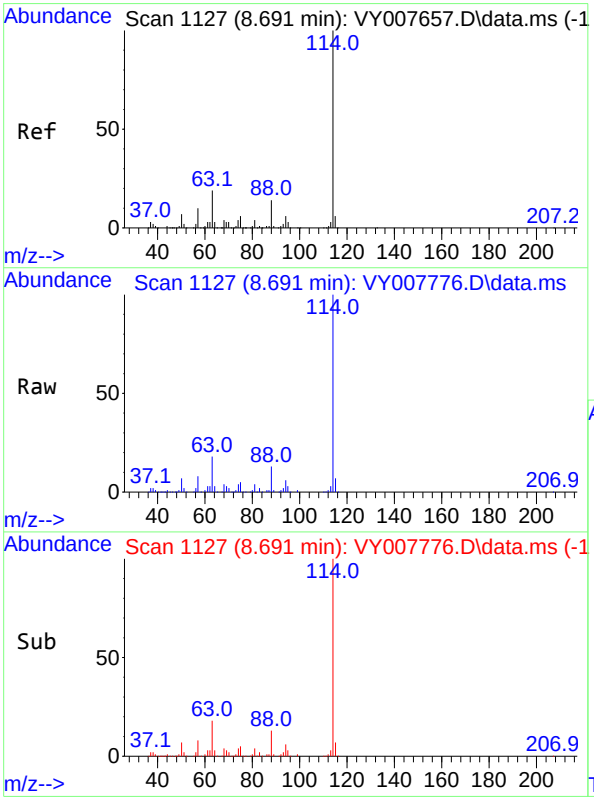
#33
1,2-Dichloroethane-d4
Concen: 51.071 ug/l
RT: 8.143 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY007776.D
Acq: 08 Mar 2022 13:44

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 65 Resp: 136642

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	99.4

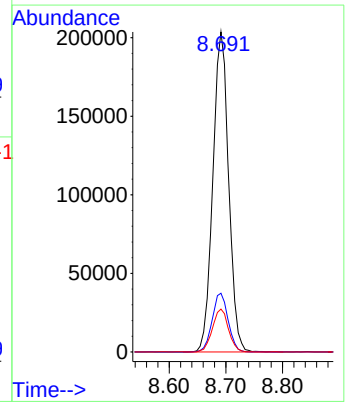


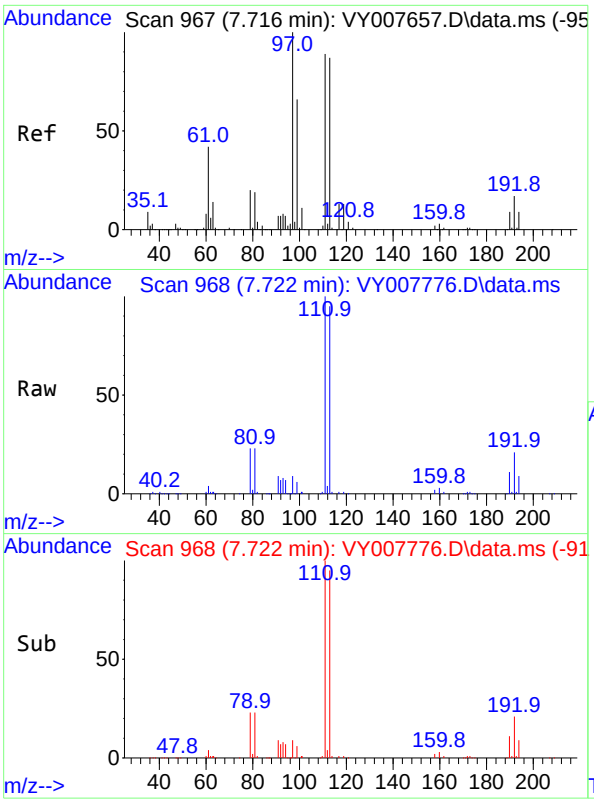


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY007776.D
Acq: 08 Mar 2022 13:44

Tgt Ion:114 Resp: 392902

Ion	Ratio	Lower	Upper
114	100		
63	18.3	0.0	43.2
88	13.4	0.0	31.8



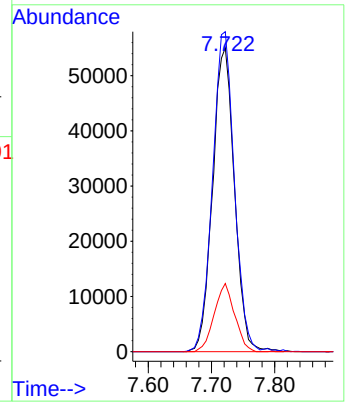


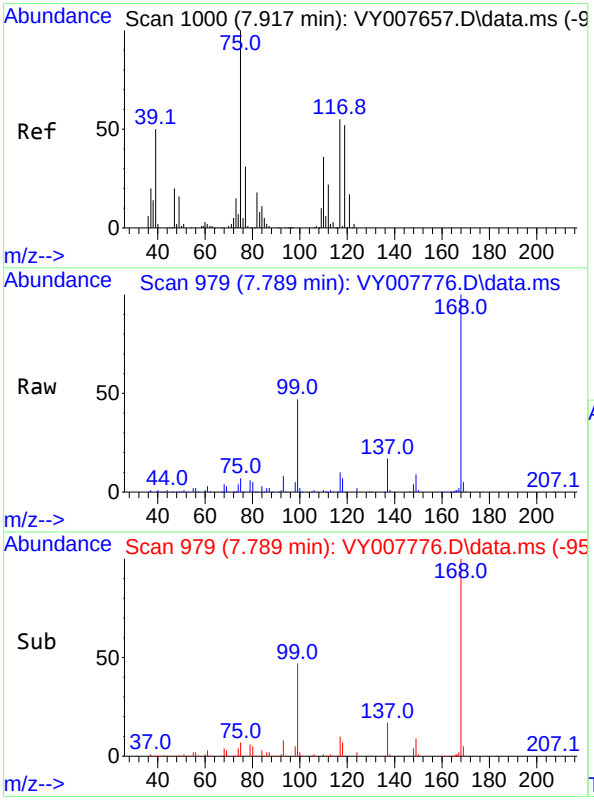
#35
Dibromofluoromethane
Concen: 52.503 ug/l
RT: 7.722 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY007776.D
Acq: 08 Mar 2022 13:44

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:113 Resp: 131884

Ion	Ratio	Lower	Upper
113	100		
111	105.4	82.6	124.0
192	21.0	17.6	26.4

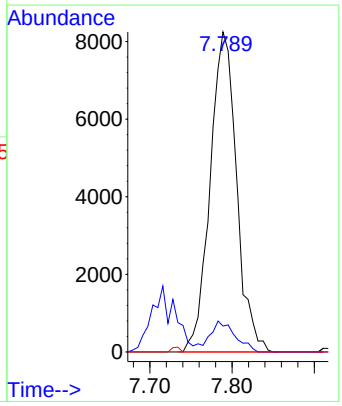


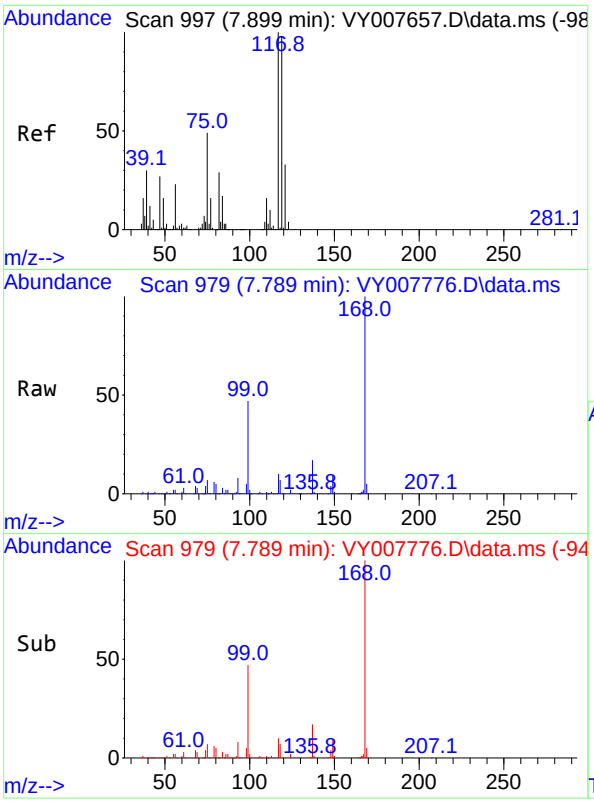


#36
1,1-Dichloropropene
Concen: 4.673 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY007776.D
Acq: 08 Mar 2022 13:44

Tgt Ion: 75 Resp: 18467

Ion	Ratio	Lower	Upper
75	100		
110	9.4	17.1	51.2#
77	0.0	24.4	36.6#



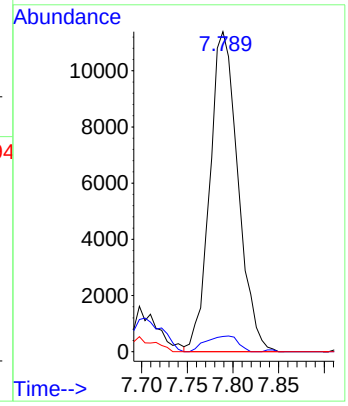


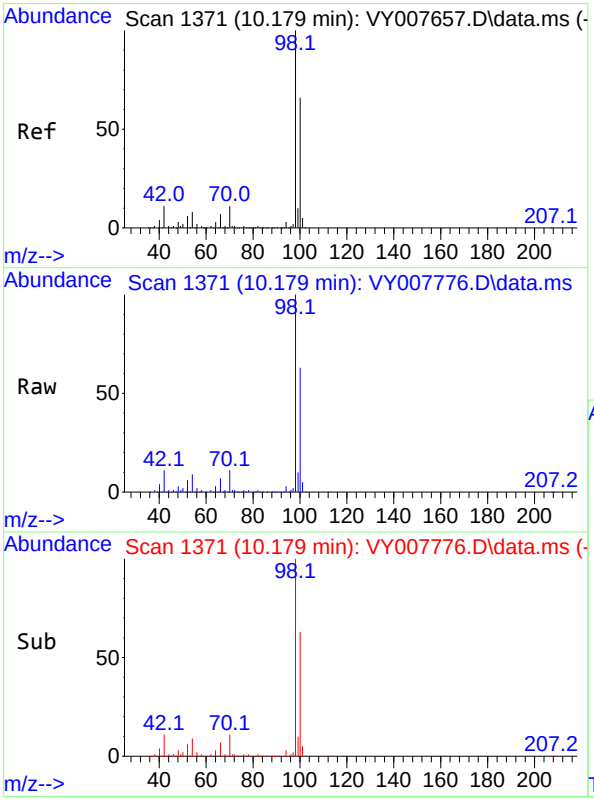
#38
Carbon Tetrachloride
Concen: 5.787 ug/l
RT: 7.789 min Scan# 9
Delta R.T. -0.110 min
Lab File: VY007776.D
Acq: 08 Mar 2022 13:44

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 24395

Ion	Ratio	Lower	Upper
117	100		
119	4.7	77.9	116.9#
121	0.0	24.8	37.2#

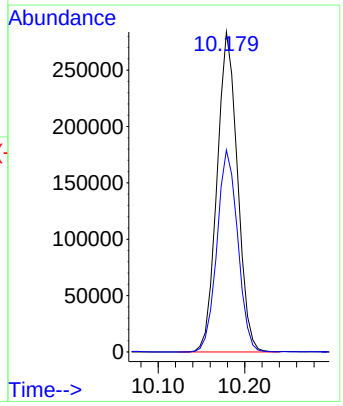


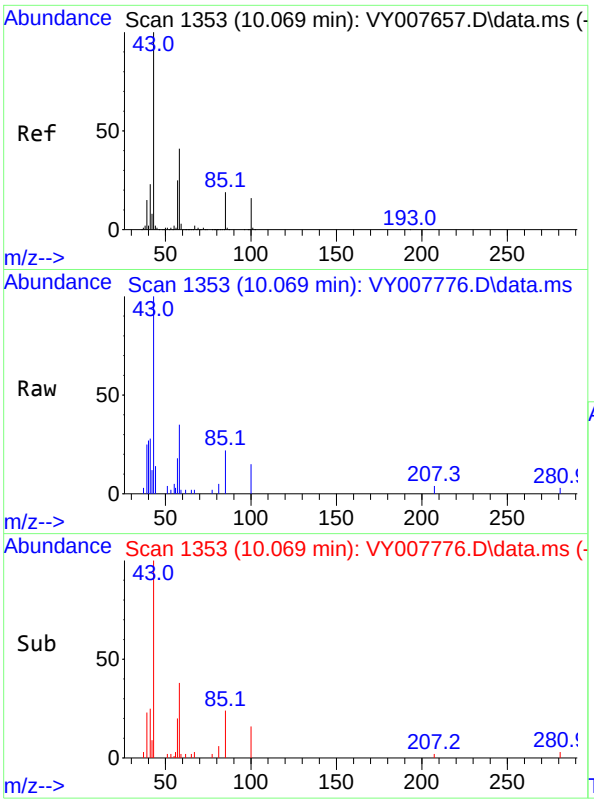


#50
Toluene-d8
Concen: 50.311 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007776.D
Acq: 08 Mar 2022 13:44

Tgt Ion: 98 Resp: 465208

Ion	Ratio	Lower	Upper
98	100		
100	64.0	50.2	75.2



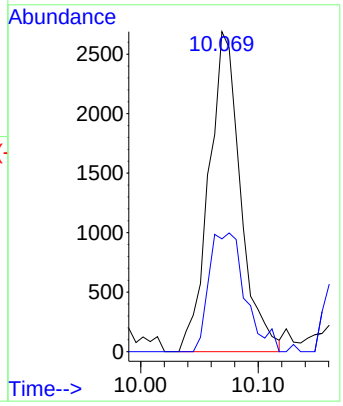


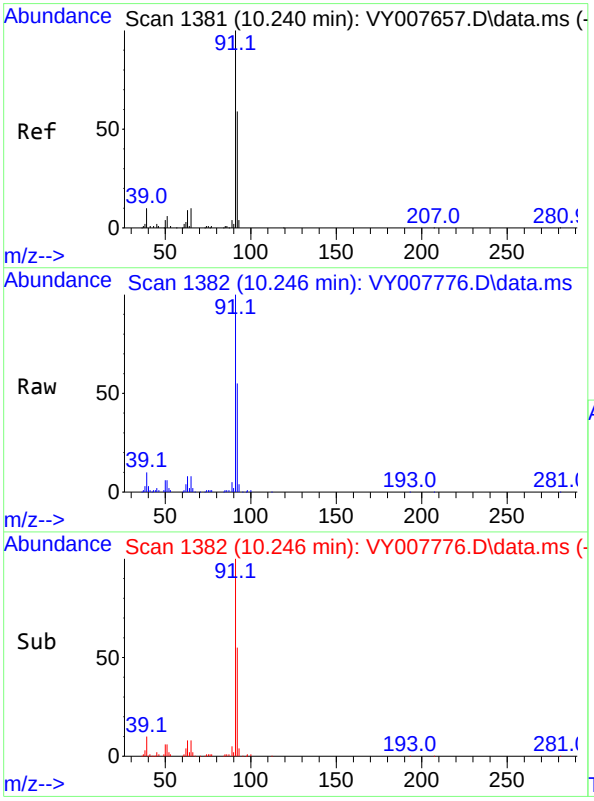
#51
4-Methyl-2-Pentanone
Concen: 2.329 ug/l
RT: 10.069 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY007776.D
Acq: 08 Mar 2022 13:44

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 5030

Ion	Ratio	Lower	Upper
43	100		
58	42.4	28.1	42.1#

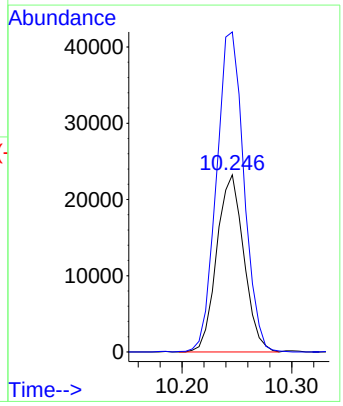


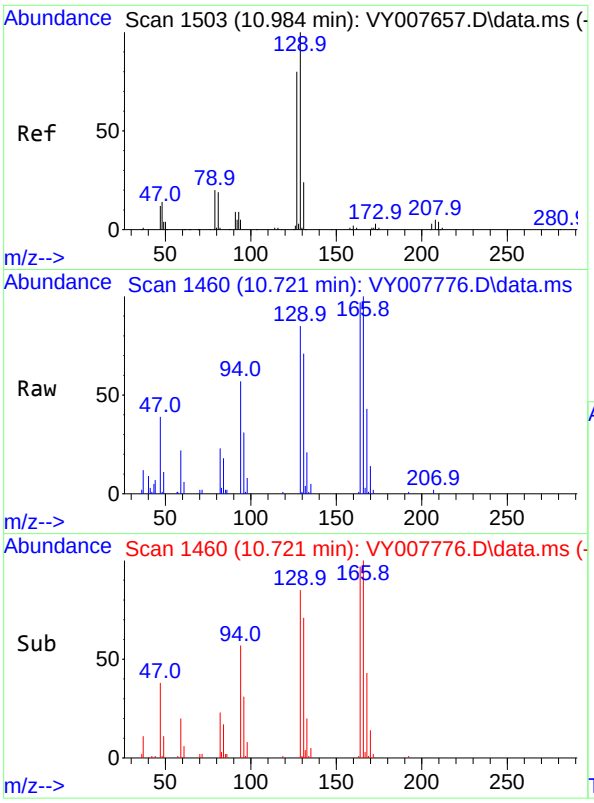


#52
Toluene
Concen: 5.608 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY007776.D
Acq: 08 Mar 2022 13:44

Tgt Ion: 92 Resp: 39880

Ion	Ratio	Lower	Upper
92	100		
91	183.3	142.6	213.8



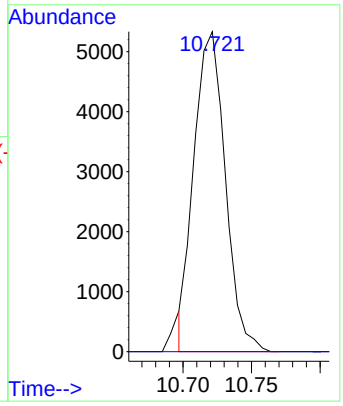


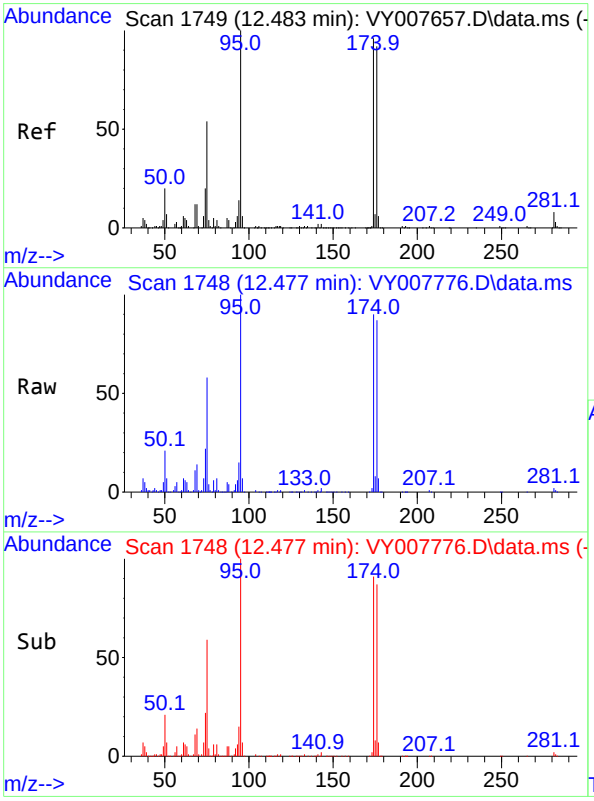
#60
Dibromochloromethane
Concen: 3.072 ug/l
RT: 10.721 min Scan# 14
Delta R.T. -0.263 min
Lab File: VY007776.D
Acq: 08 Mar 2022 13:44

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:129 Resp: 8495

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.7	116.1#

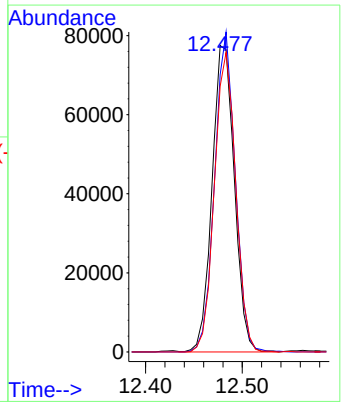


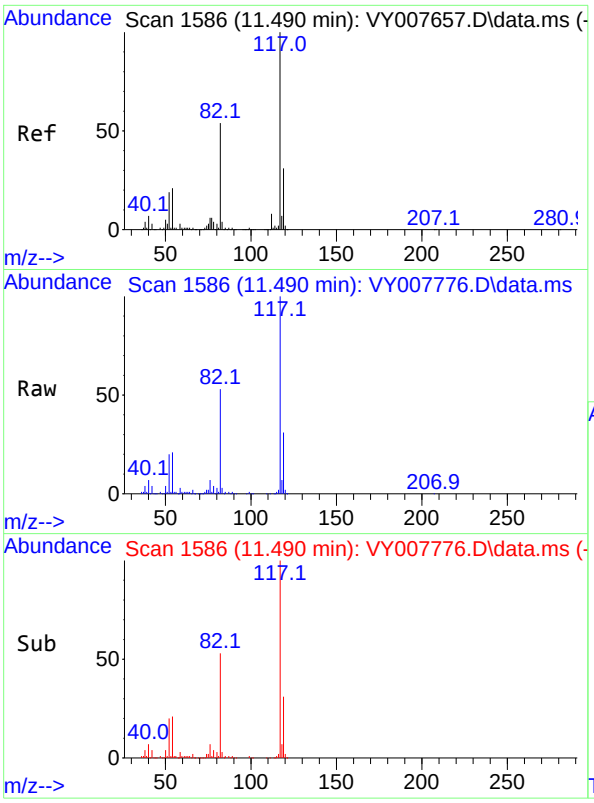


#62
4-Bromofluorobenzene
Concen: 41.668 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY007776.D
Acq: 08 Mar 2022 13:44

Tgt Ion: 95 Resp: 124194

Ion	Ratio	Lower	Upper
95	100		
174	96.5	0.0	177.0
176	93.3	0.0	175.8



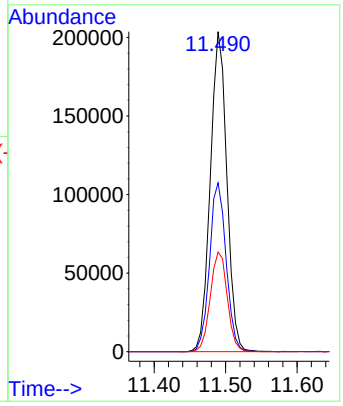


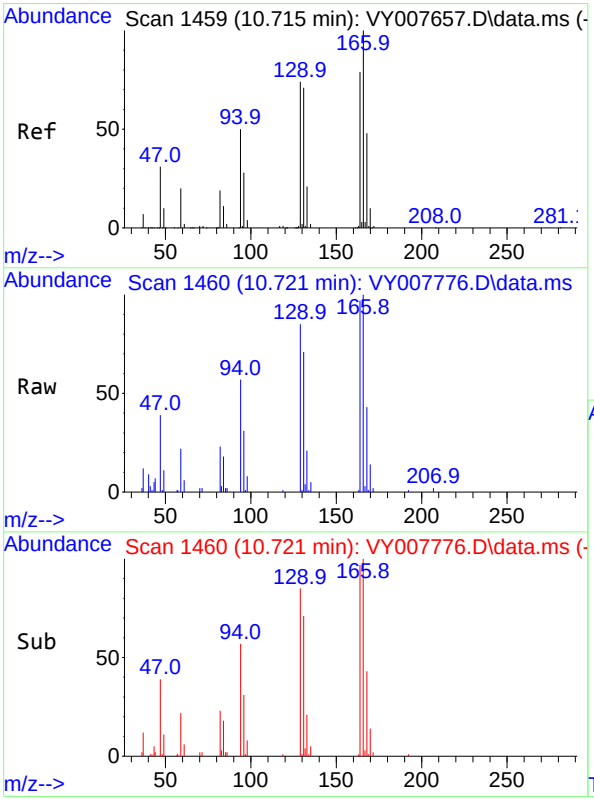
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY007776.D
Acq: 08 Mar 2022 13:44

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 326772

Ion	Ratio	Lower	Upper
117	100		
82	52.8	43.0	64.4
119	31.1	25.4	38.0

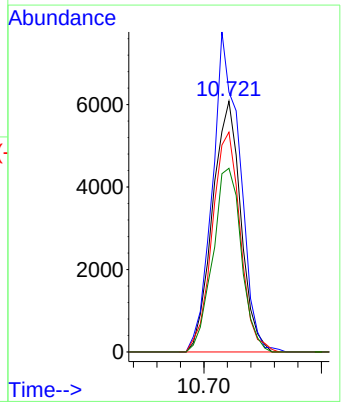


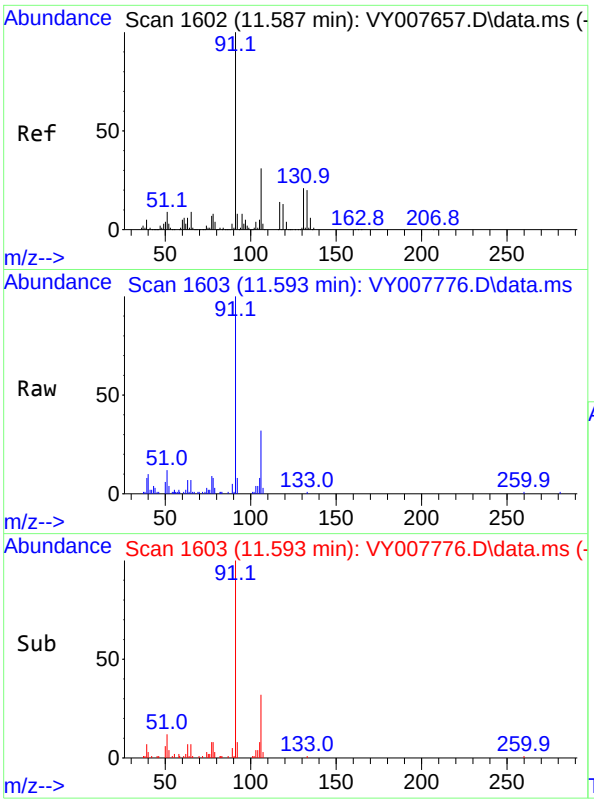


#64
Tetrachloroethene
Concen: 4.200 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VY007776.D
Acq: 08 Mar 2022 13:44

Tgt Ion:164 Resp: 10173

Ion	Ratio	Lower	Upper
164	100		
166	103.6	100.4	150.6
129	87.7	71.4	107.0
131	73.3	70.8	106.2



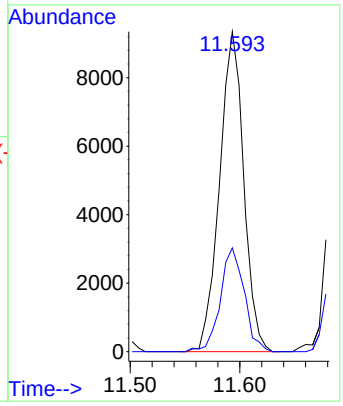


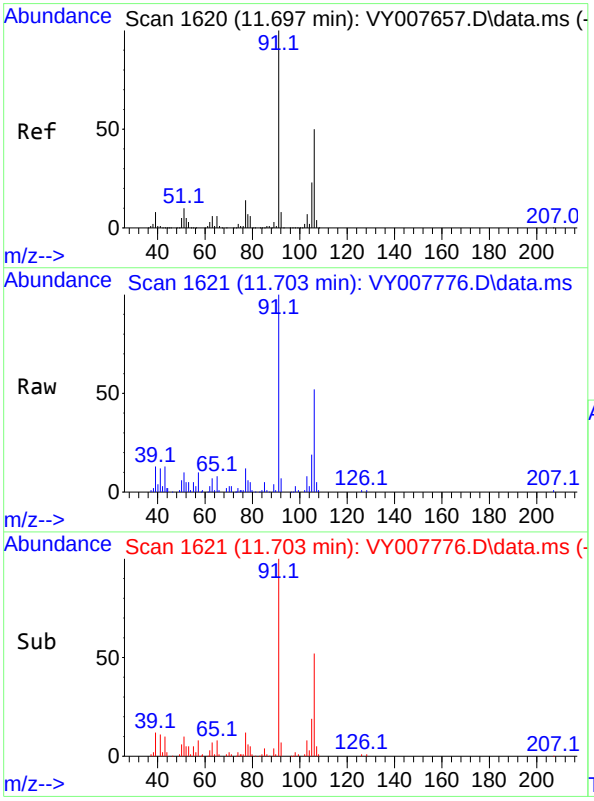
#67
Ethyl Benzene
Concen: 1.115 ug/l
RT: 11.593 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY007776.D
Acq: 08 Mar 2022 13:44

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 91 Resp: 14321

Ion	Ratio	Lower	Upper
91	100		
106	32.4	24.5	36.7

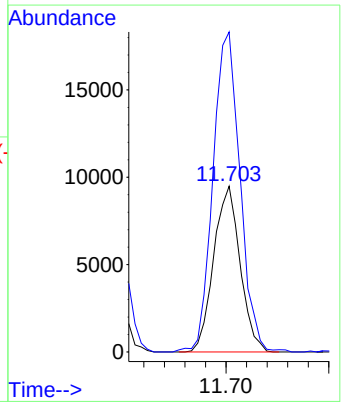


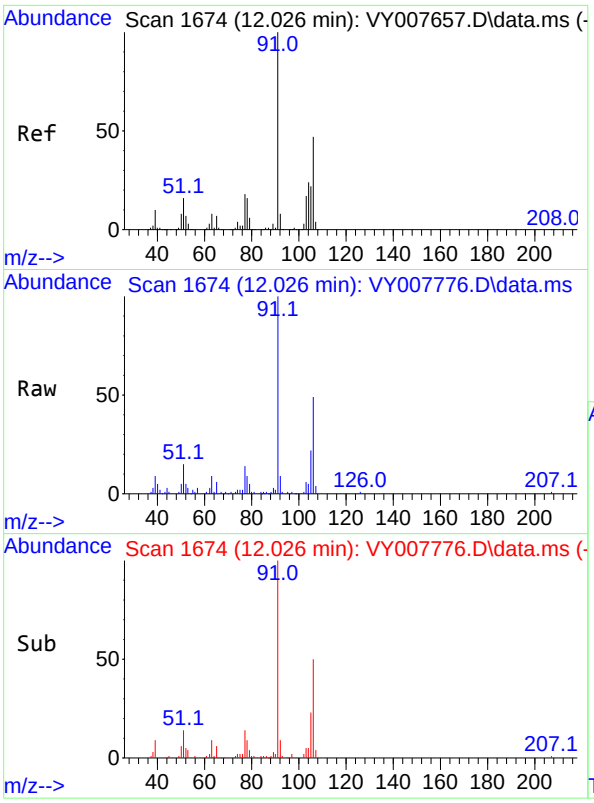


#68
m/p-Xylenes
Concen: 3.436 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VY007776.D
Acq: 08 Mar 2022 13:44

Tgt Ion:106 Resp: 16927

Ion	Ratio	Lower	Upper
106	100		
91	197.2	166.6	249.8



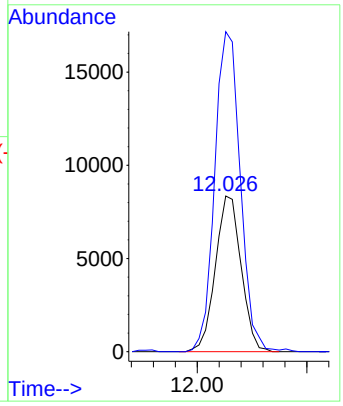


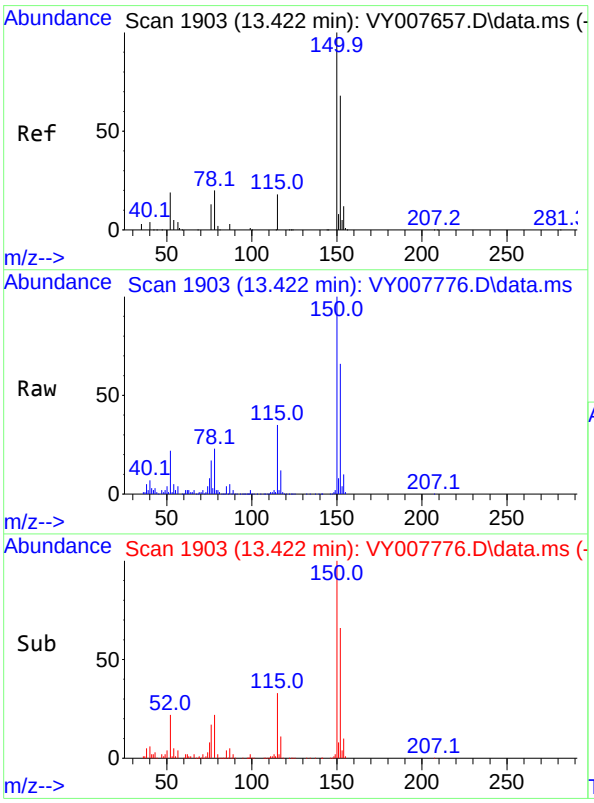
#69
o-Xylene
Concen: 2.916 ug/l
RT: 12.026 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY007776.D
Acq: 08 Mar 2022 13:44

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:106 Resp: 13612

Ion	Ratio	Lower	Upper
106	100		
91	204.7	110.3	331.0

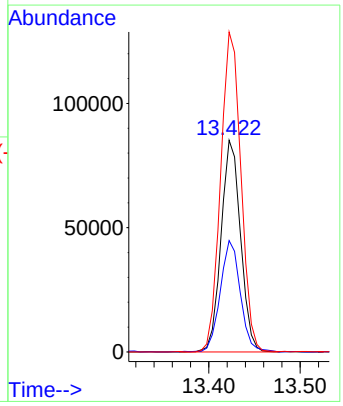


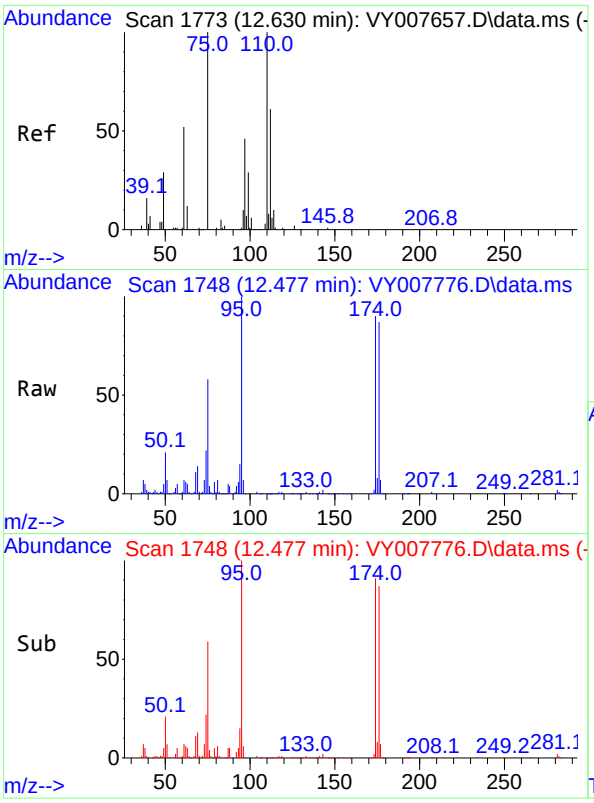


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY007776.D
Acq: 08 Mar 2022 13:44

Tgt Ion:152 Resp: 126398

Ion	Ratio	Lower	Upper
152	100		
115	54.4	28.2	84.7
150	157.6	0.0	347.6



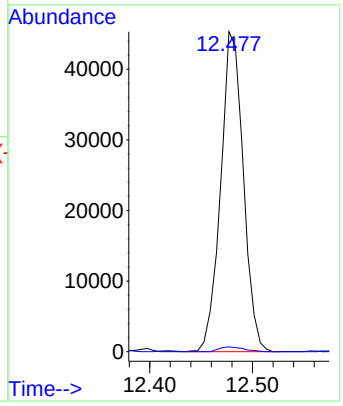


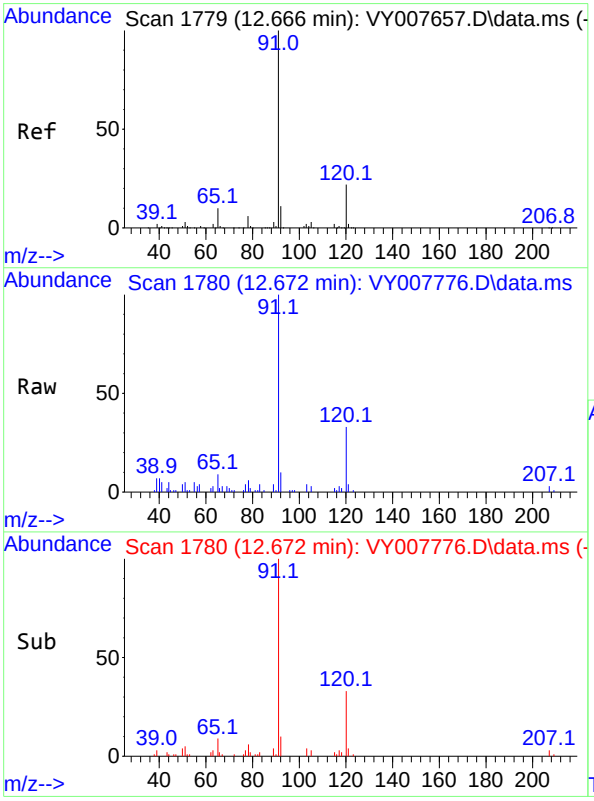
#76
1,2,3-Trichloropropane
Concen: 49.067 ug/l
RT: 12.477 min Scan# 1
Delta R.T. -0.153 min
Lab File: VY007776.D
Acq: 08 Mar 2022 13:44

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 69262

Ion	Ratio	Lower	Upper
75	100		
77	1.6	0.0	0.0#

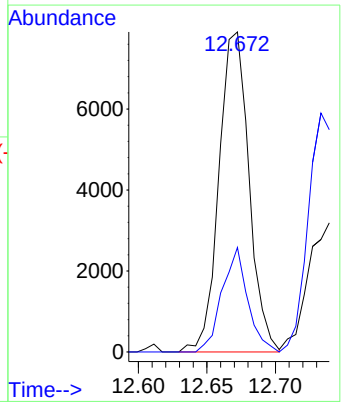


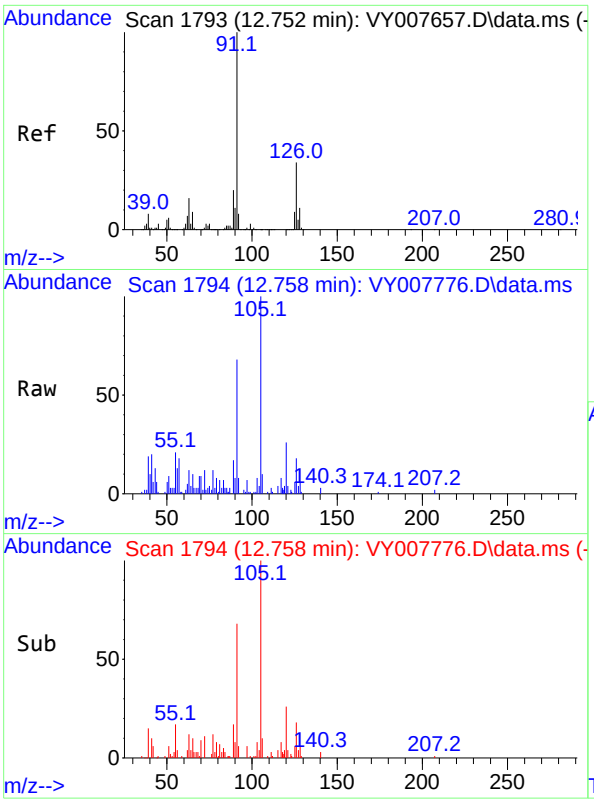


#78
n-propylbenzene
Concen: 1.016 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VY007776.D
Acq: 08 Mar 2022 13:44

Tgt Ion: 91 Resp: 12072

Ion	Ratio	Lower	Upper
91	100		
120	27.9	11.3	33.9



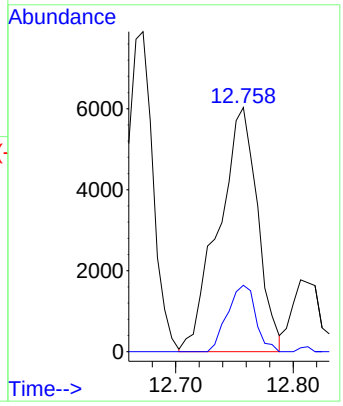


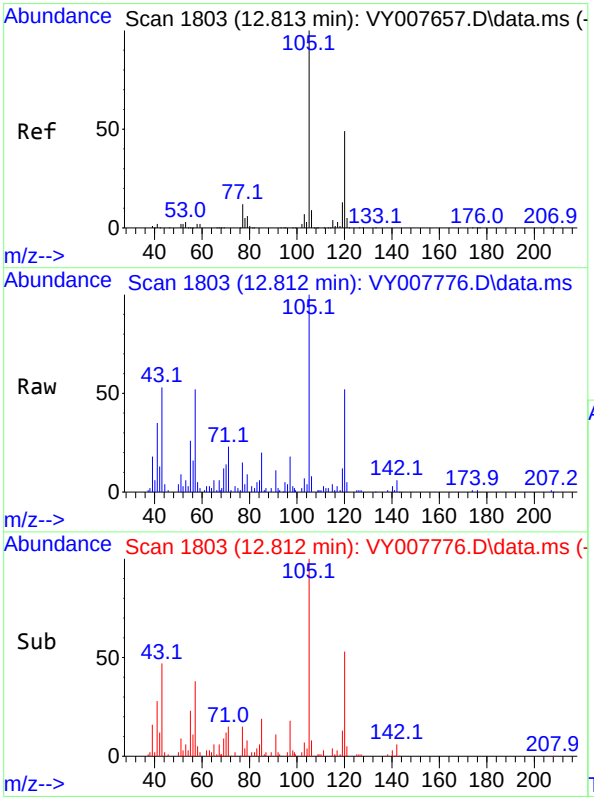
#79
2-Chlorotoluene
Concen: 2.187 ug/l
RT: 12.758 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY007776.D
Acq: 08 Mar 2022 13:44

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 91 Resp: 13904

Ion	Ratio	Lower	Upper
91	100		
126	19.7	16.9	50.6

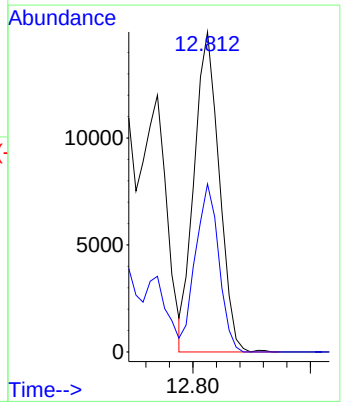


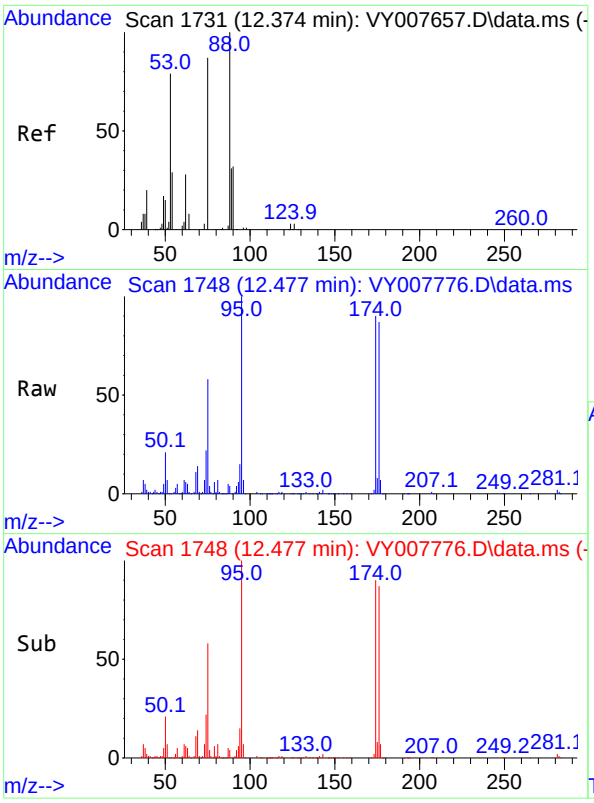


#80
1,3,5-Trimethylbenzene
Concen: 2.808 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.001 min
Lab File: VY007776.D
Acq: 08 Mar 2022 13:44

Tgt Ion:105 Resp: 22112

Ion	Ratio	Lower	Upper
105	100		
120	49.1	24.4	73.4



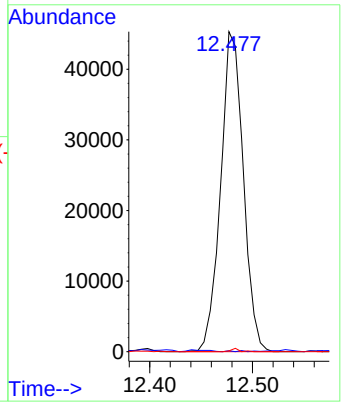


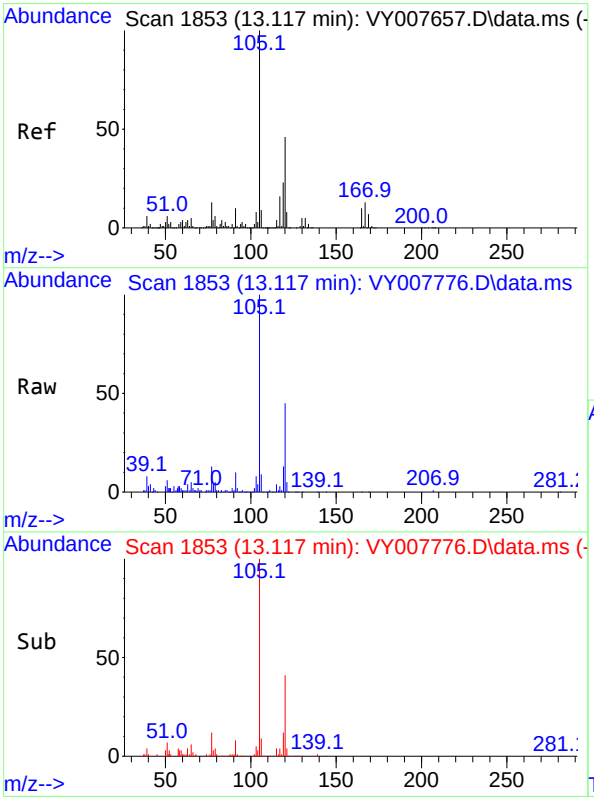
#81
trans-1,4-Dichloro-2-butene
Concen: 100.312 ug/l
RT: 12.477 min Scan# 1
Delta R.T. 0.103 min
Lab File: VY007776.D
Acq: 08 Mar 2022 13:44

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 69262

Ion	Ratio	Lower	Upper
75	100		
53	0.1	85.3	127.9#
89	0.0	37.0	55.4#

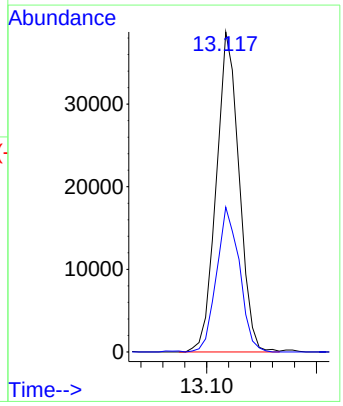


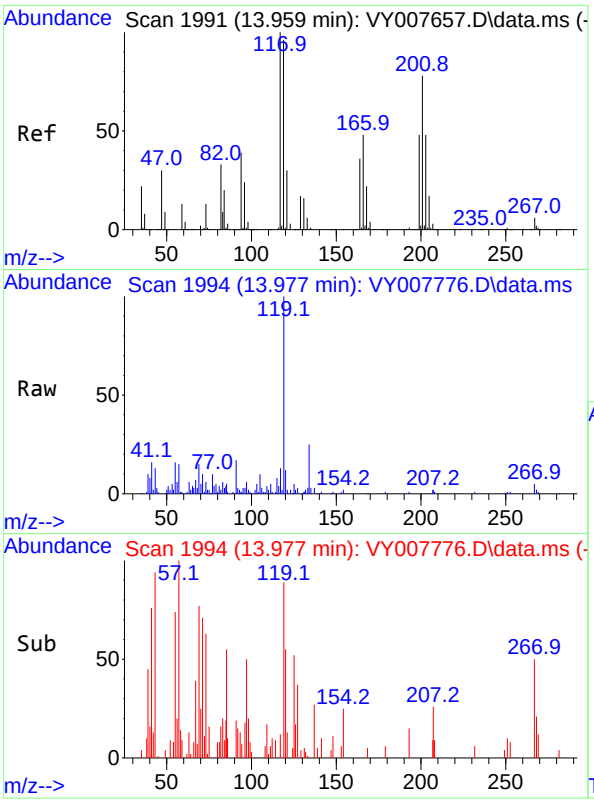


#84
1,2,4-Trimethylbenzene
Concen: 7.229 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY007776.D
Acq: 08 Mar 2022 13:44

Tgt Ion:105 Resp: 56069

Ion	Ratio	Lower	Upper
105	100		
120	45.4	22.3	66.9



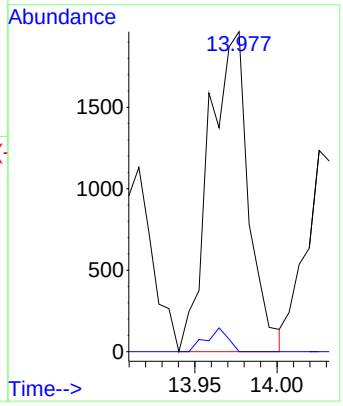


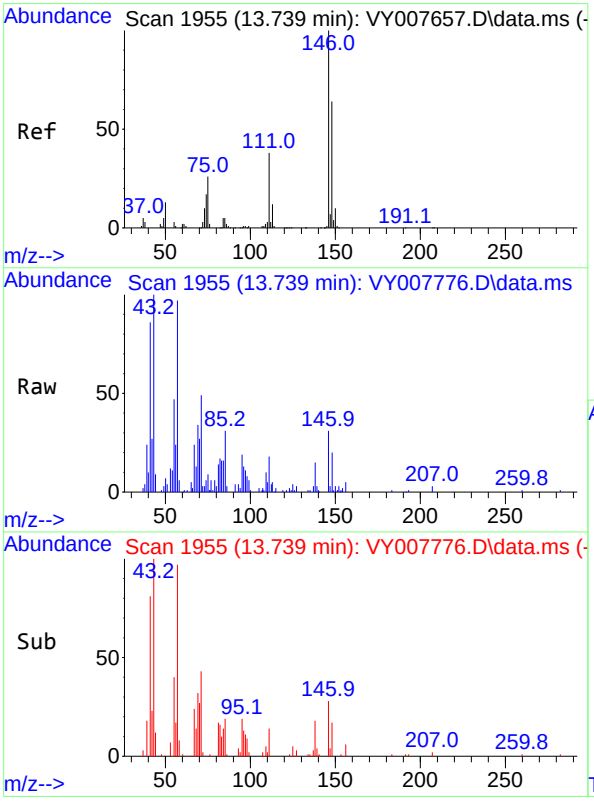
#90
Hexachloroethane
Concen: 1.950 ug/l
RT: 13.977 min Scan# 1
Delta R.T. 0.018 min
Lab File: VY007776.D
Acq: 08 Mar 2022 13:44

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 3271

Ion	Ratio	Lower	Upper
117	100		
201	4.1	43.0	128.8#

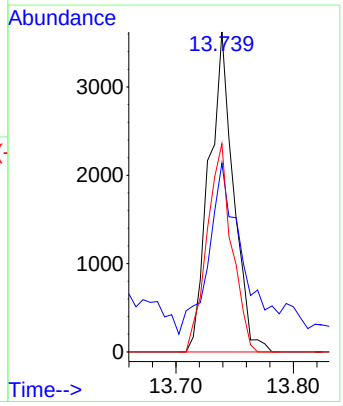


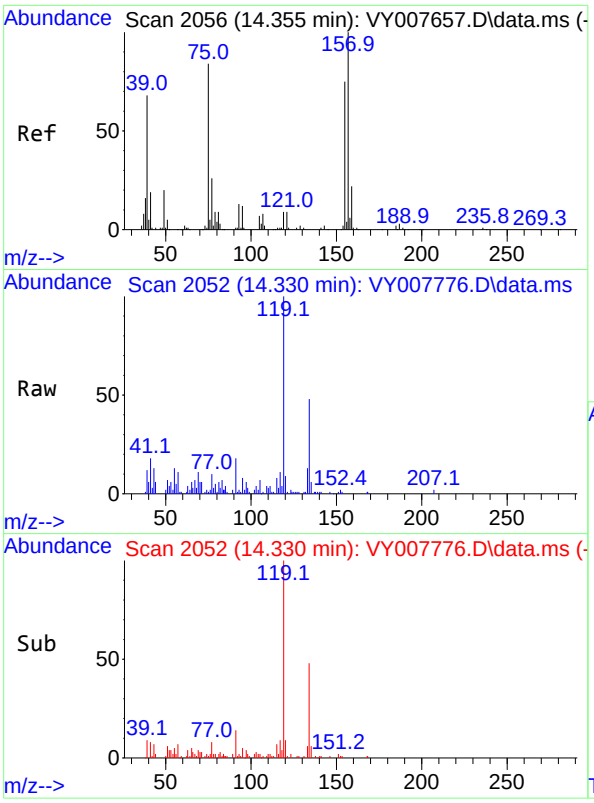


#91
1,2-Dichlorobenzene
Concen: 1.305 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY007776.D
Acq: 08 Mar 2022 13:44

Tgt Ion:146 Resp: 5230

Ion	Ratio	Lower	Upper
146	100		
111	71.7	20.3	60.9#
148	66.5	32.3	96.9



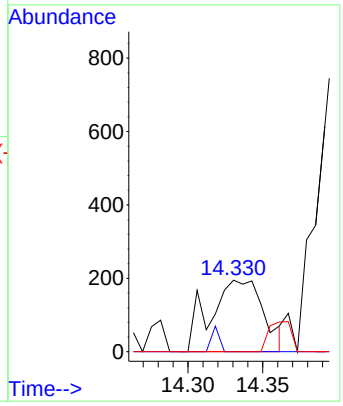


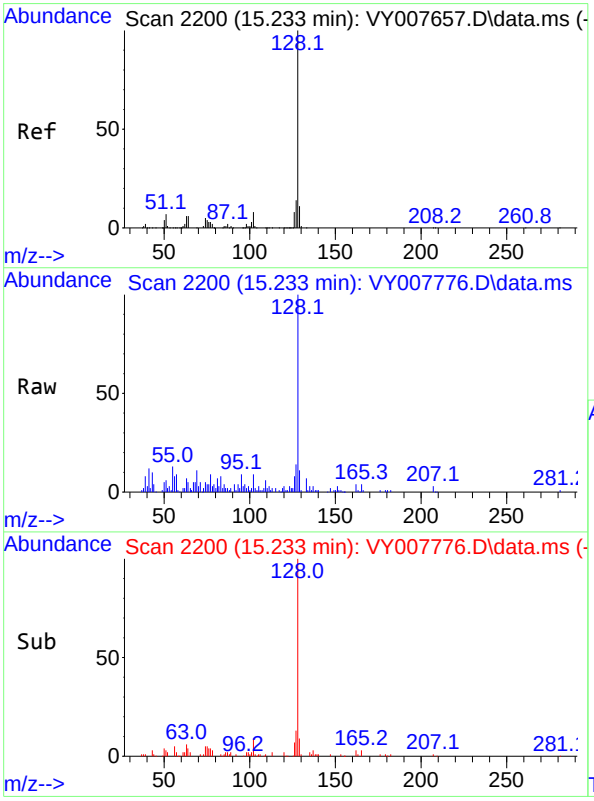
#92
1,2-Dibromo-3-Chloropropane
Concen: 1.544 ug/l
RT: 14.330 min Scan# 2
Delta R.T. -0.025 min
Lab File: VY007776.D
Acq: 08 Mar 2022 13:44

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 483

Ion	Ratio	Lower	Upper
75	100		
155	5.4	38.0	113.9#
157	0.0	47.8	143.3#

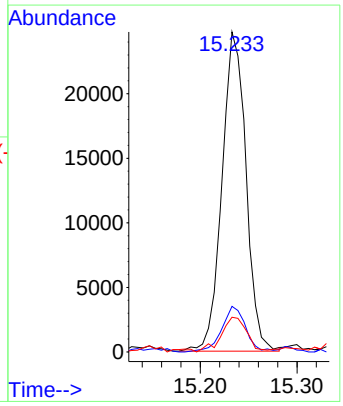


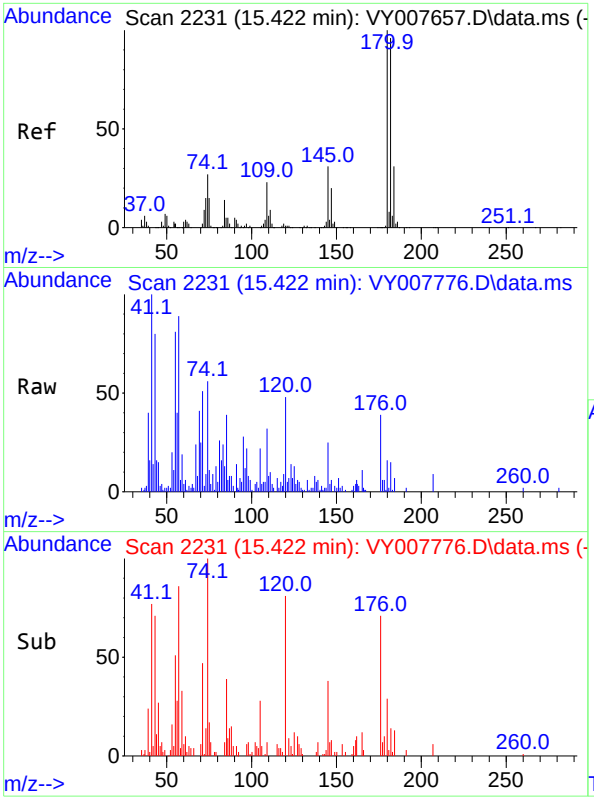


#95
Naphthalene
Concen: 8.251 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY007776.D
Acq: 08 Mar 2022 13:44

Tgt Ion:128 Resp: 42589

Ion	Ratio	Lower	Upper
128	100		
127	14.2	11.0	16.4
129	11.6	8.4	12.6





#96
1,2,3-Trichlorobenzene
Concen: 1.975 ug/l
RT: 15.422 min Scan# 2
Delta R.T. -0.000 min
Lab File: VY007776.D
Acq: 08 Mar 2022 13:44

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:180 Resp: 4465

Ion	Ratio	Lower	Upper
180	100		
182	48.6	47.3	141.9
145	120.8	15.3	45.9#