Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032023\
Data File : VY013011.D
Acq On : 20 Mar 2023 16:27
Operator : KP/MD
Sample : 01998-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BRAOD-CHANNEL-SUBSTATION-TP1

Quant Time: Mar 21 01:14:29 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 03 01:13:13 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.789	168	17876	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	28204	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	22148	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	9486	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	11899	67.042	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 134.080%			
35) Dibromofluoromethane	7.716	113	10623	62.411	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 124.820%			
50) Toluene-d8	10.179	98	32977	52.996	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.000%			
62) 4-Bromofluorobenzene	12.483	95	8692	41.385	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 82.780%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.948	59	72	Below Cal	#	74
16) Acetone	3.948	43	713	10.235	ug/l #	84
20) Methylene Chloride	4.710	84	1760	3.256	ug/l #	86
25) 2-Butanone	6.960	43	154	1.785	ug/l #	49
26) 2,2-Dichloropropane	6.972	77	431	1.379	ug/l #	52
31) Cyclohexane	7.777	56	418	1.230	ug/l #	43
36) 1,1-Dichloropropene	7.789	75	1438	5.041	ug/l #	44
38) Carbon Tetrachloride	7.795	117	1738	5.900	ug/l #	12
76) 1,2,3-Trichloropropane	12.477	75	4585	40.476	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	4585	83.867	ug/l #	13

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032023\
Data File : VY013011.D
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Operator : KP/MD
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Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
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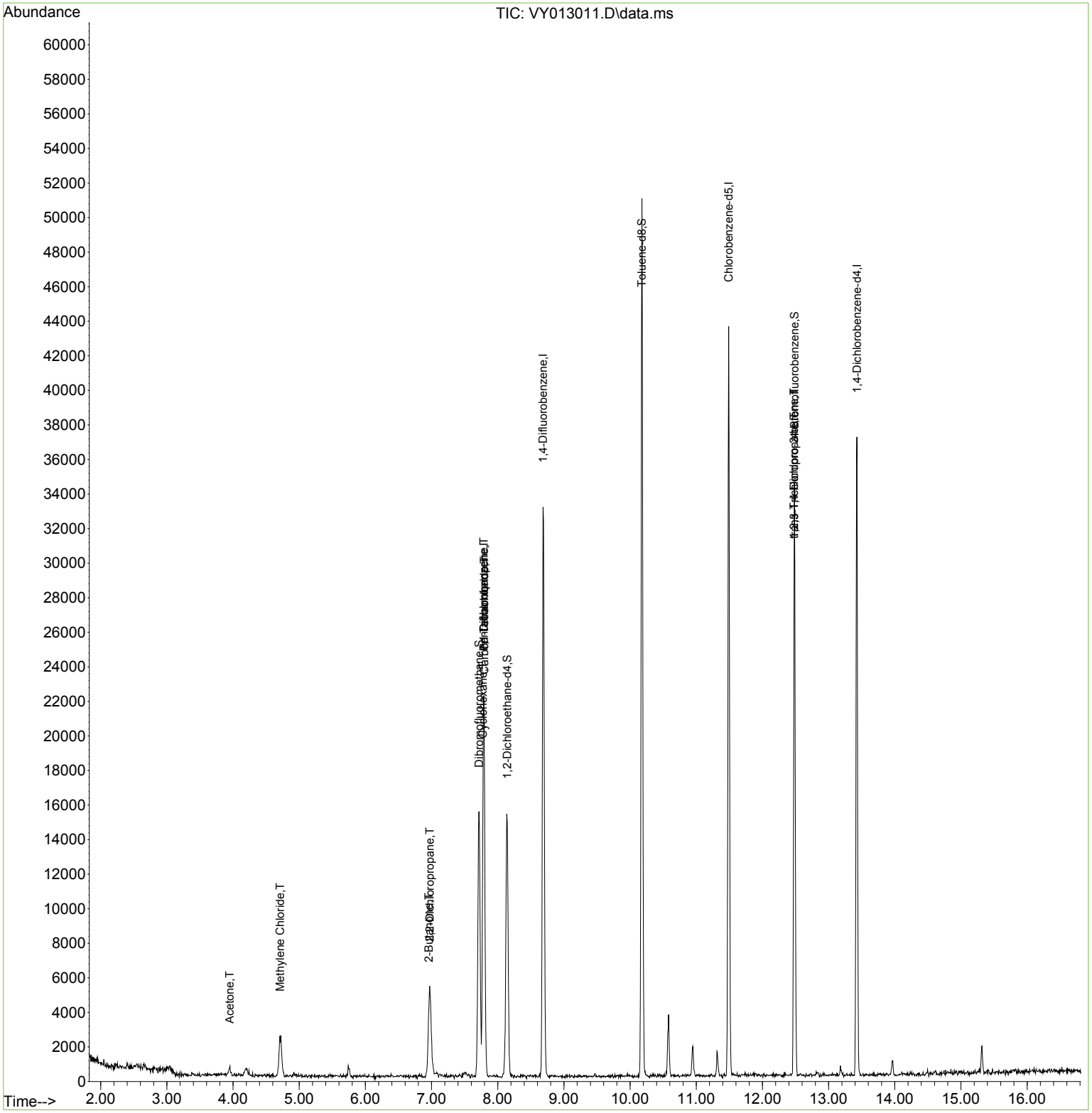
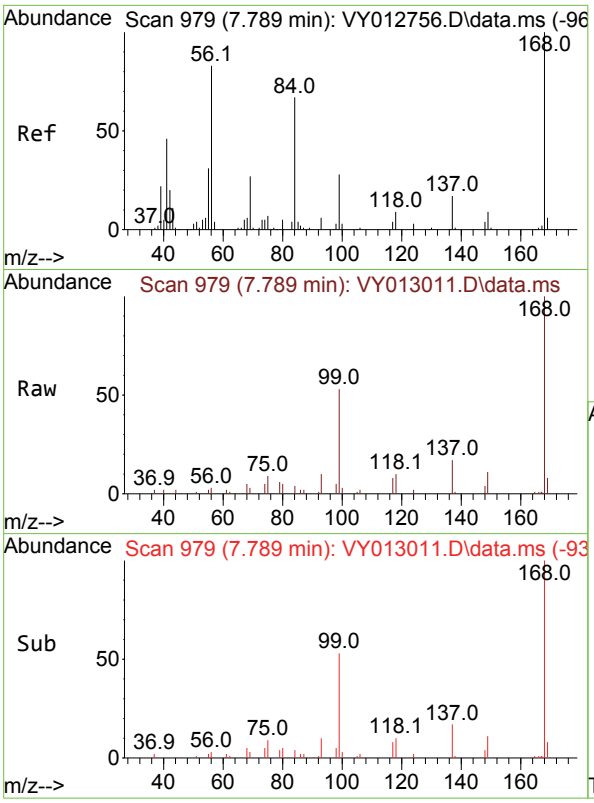
Instrument :
MSVOA_Y
ClientSampleId :
BRAOD-CHANNEL-SUBSTATION-TP1

Quant Time: Mar 21 01:14:29 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 03 01:13:13 2023
Response via : Initial Calibration



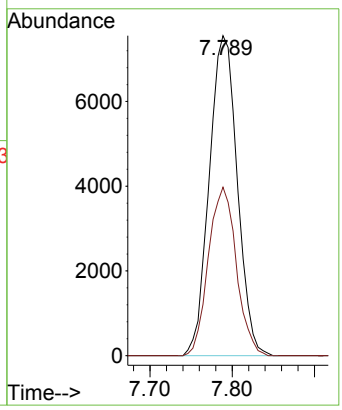


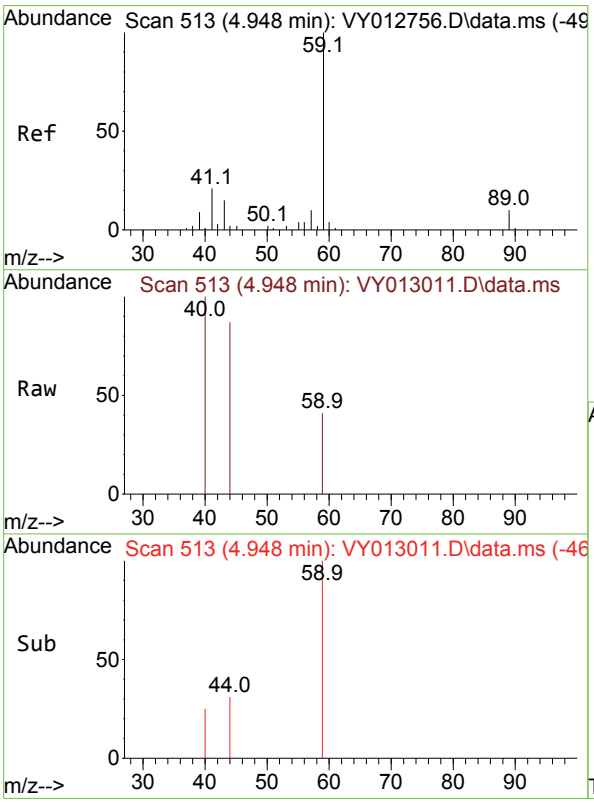
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY013011.D
Acq: 20 Mar 2023 16:27

Instrument :
MSVOA_Y
ClientSampleId :
BRAOD-CHANNEL-SUBSTATION-TP1

Tgt Ion:168 Resp: 17876

Ion	Ratio	Lower	Upper
168	100		
99	52.6	41.7	62.5

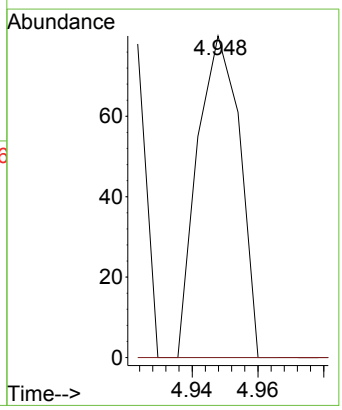


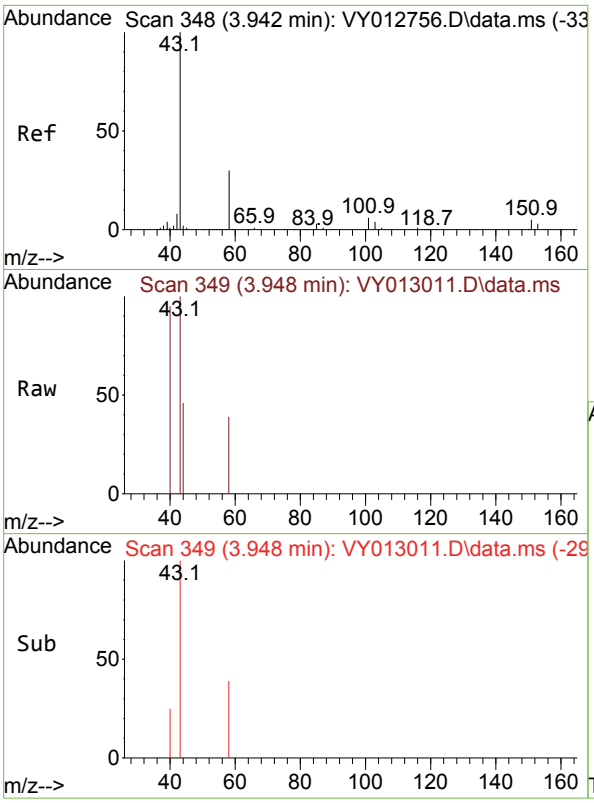


#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY013011.D
Acq: 20 Mar 2023 16:27

Tgt Ion: 59 Resp: 72

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.7	11.5#



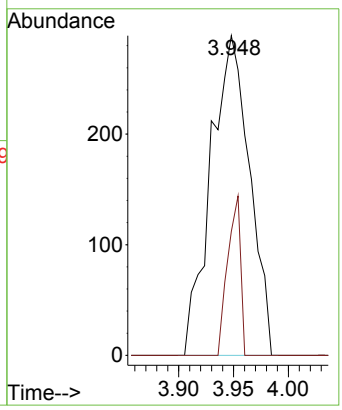


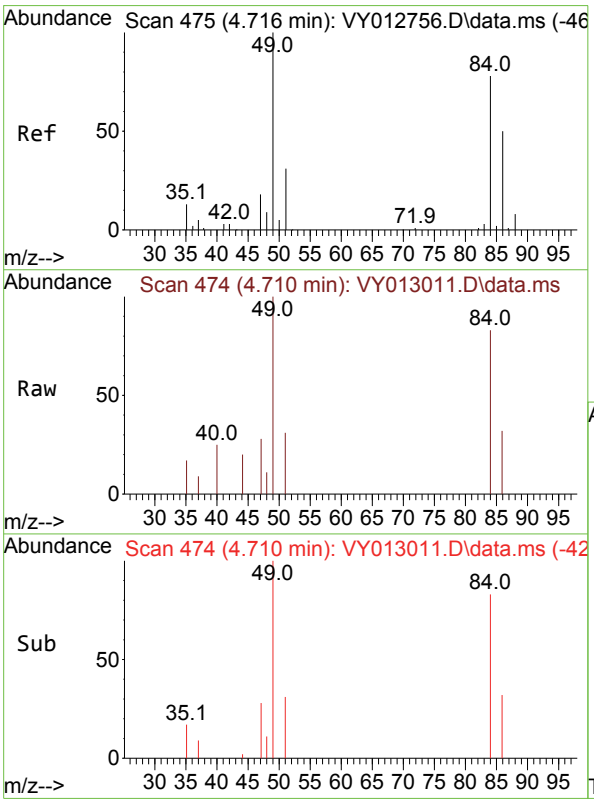
#16
Acetone
Concen: 10.235 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY013011.D
Acq: 20 Mar 2023 16:27

Instrument :
MSVOA_Y
ClientSampleId :
BRAOD-CHANNEL-SUBSTATION-TP1

Tgt Ion: 43 Resp: 713

Ion	Ratio	Lower	Upper
43	100		
58	38.8	24.2	36.2#

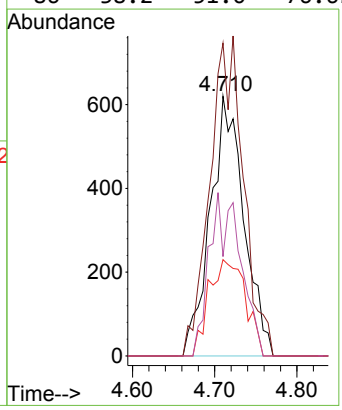


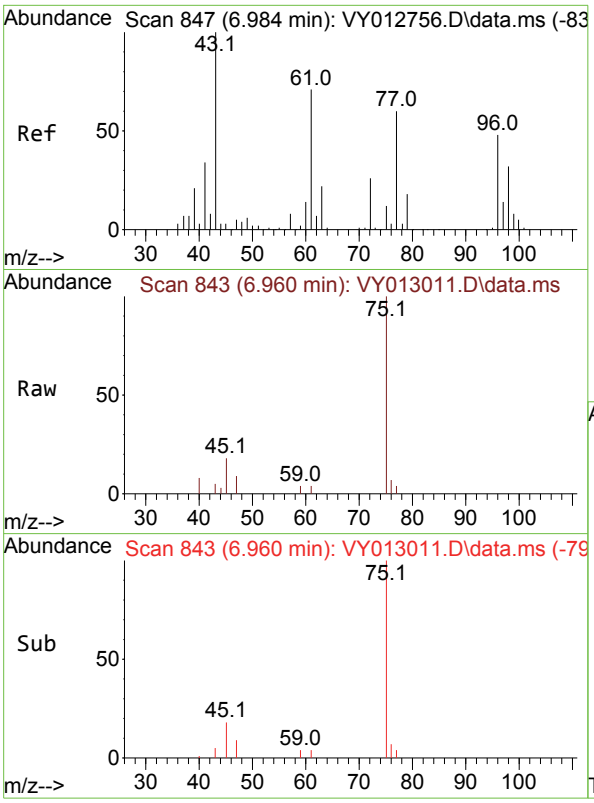


#20
Methylene Chloride
Concen: 3.256 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY013011.D
Acq: 20 Mar 2023 16:27

Tgt Ion: 84 Resp: 1760

Ion	Ratio	Lower	Upper
84	100		
49	120.5	102.6	154.0
51	37.1	31.9	47.9
86	38.2	51.0	76.6#



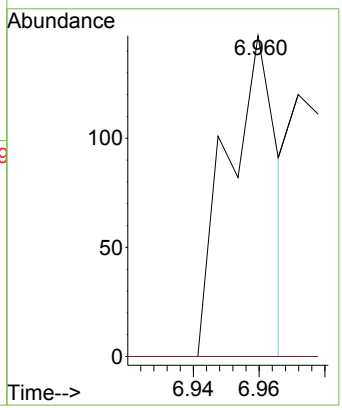


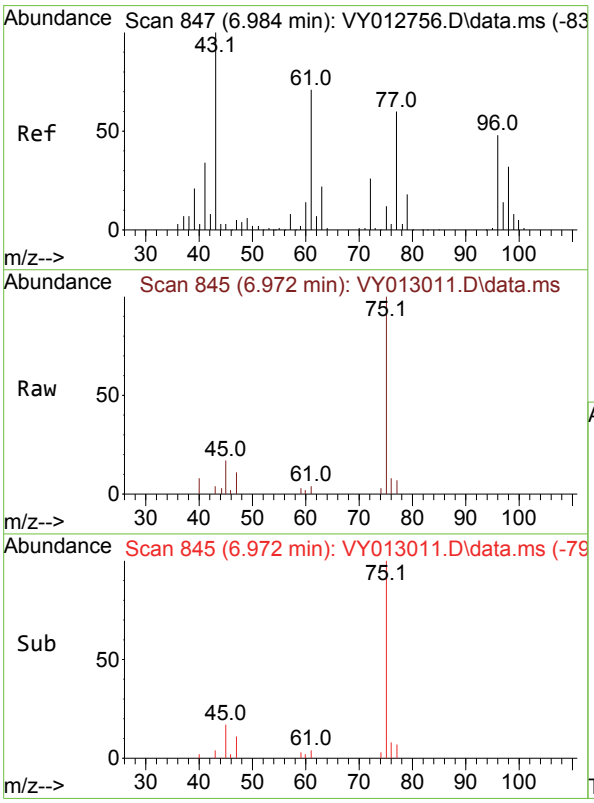
#25
2-Butanone
Concen: 1.785 ug/l
RT: 6.960 min Scan# 84
Delta R.T. -0.024 min
Lab File: VY013011.D
Acq: 20 Mar 2023 16:27

Instrument :
MSVOA_Y
ClientSampleId :
BRAOD-CHANNEL-SUBSTATION-TP1

Tgt Ion: 43 Resp: 154

Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.0	31.4#

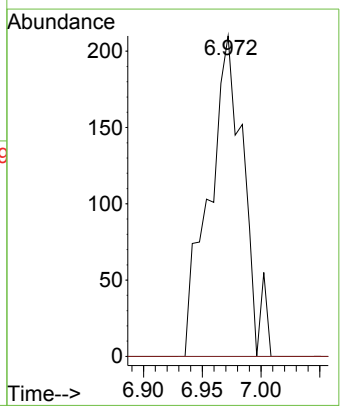


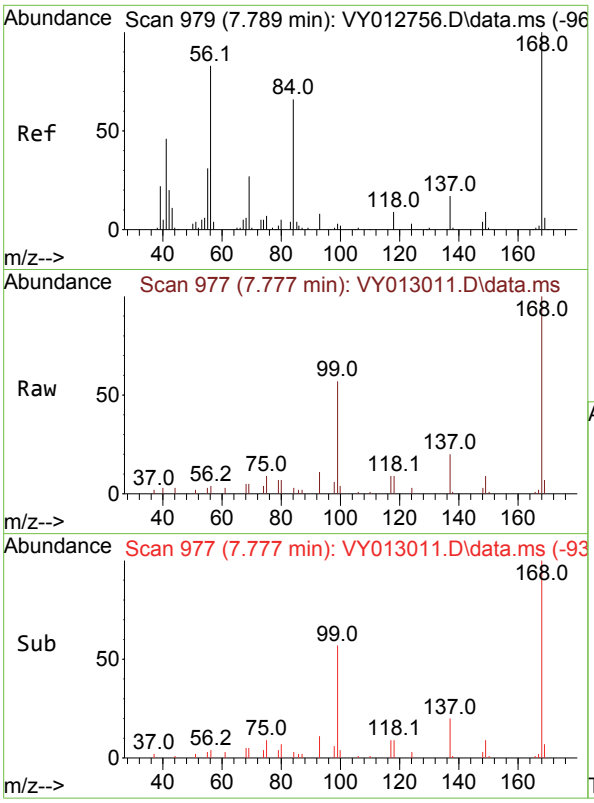


#26
2,2-Dichloropropane
Concen: 1.379 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.012 min
Lab File: VY013011.D
Acq: 20 Mar 2023 16:27

Tgt Ion: 77 Resp: 431

Ion	Ratio	Lower	Upper
77	100		
97	0.0	11.7	35.0#



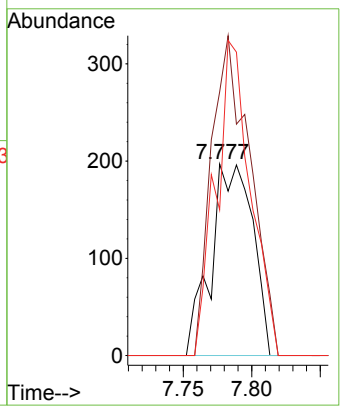


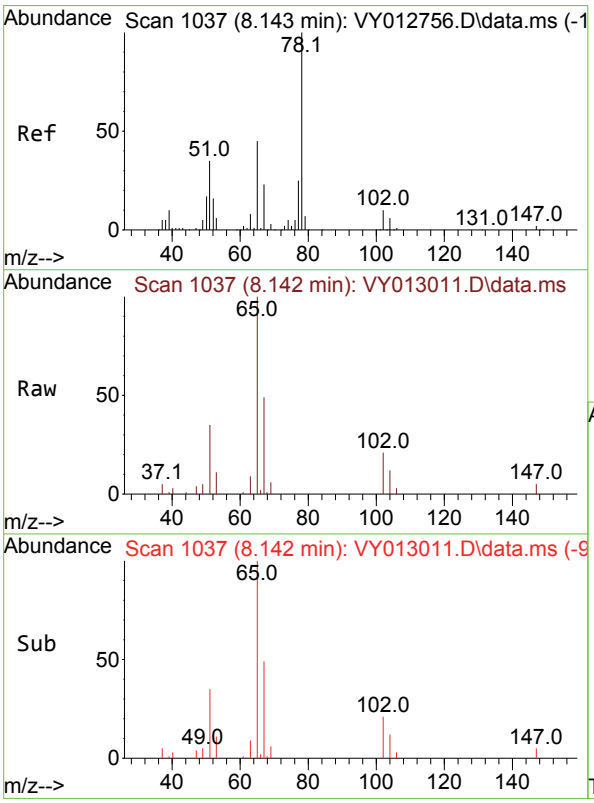
#31
Cyclohexane
Concen: 1.230 ug/l
RT: 7.777 min Scan# 9
Delta R.T. -0.012 min
Lab File: VY013011.D
Acq: 20 Mar 2023 16:27

Instrument :
MSVOA_Y
ClientSampleId :
BRAOD-CHANNEL-SUBSTATION-TP1

Tgt Ion: 56 Resp: 418

Ion	Ratio	Lower	Upper
56	100		
69	137.6	25.7	38.5#
84	76.1	64.3	96.5

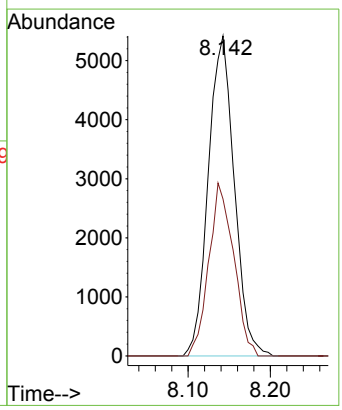


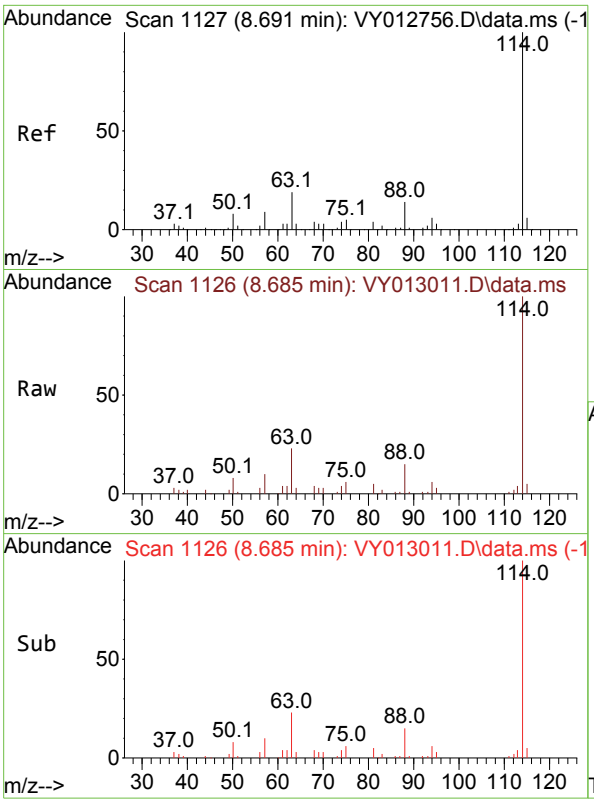


#33
1,2-Dichloroethane-d4
Concen: 67.042 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY013011.D
Acq: 20 Mar 2023 16:27

Tgt Ion: 65 Resp: 11899

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	104.0



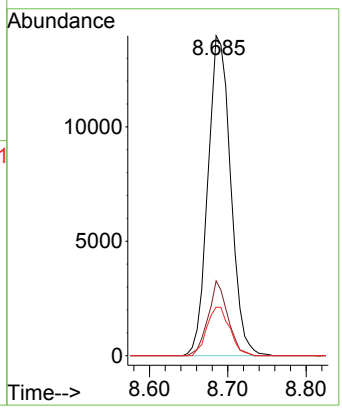


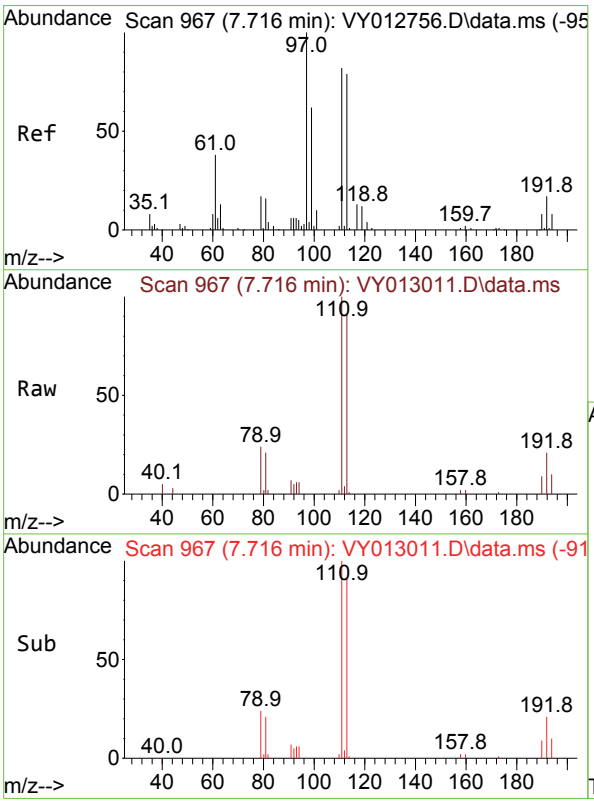
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY013011.D
Acq: 20 Mar 2023 16:27

Instrument :
MSVOA_Y
ClientSampleId :
BRAOD-CHANNEL-SUBSTATION-TP1

Tgt Ion:114 Resp: 28204

Ion	Ratio	Lower	Upper
114	100		
63	23.4	0.0	37.4
88	15.2	0.0	28.6

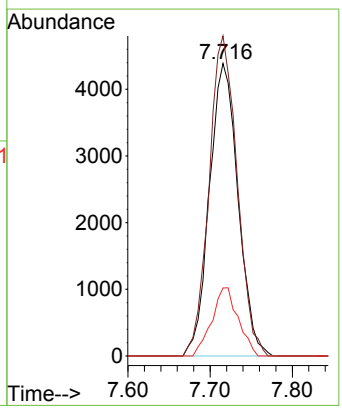


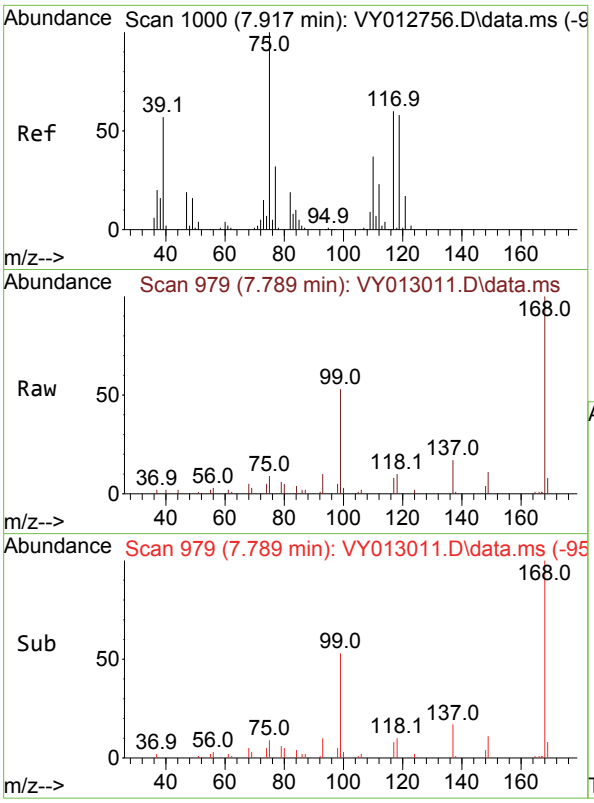


#35
Dibromofluoromethane
Concen: 62.411 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY013011.D
Acq: 20 Mar 2023 16:27

Tgt Ion:113 Resp: 10623

Ion	Ratio	Lower	Upper
113	100		
111	107.3	82.2	123.2
192	21.5	16.8	25.2



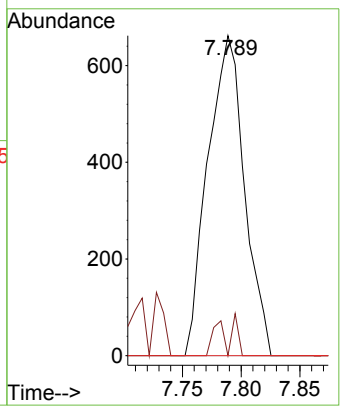


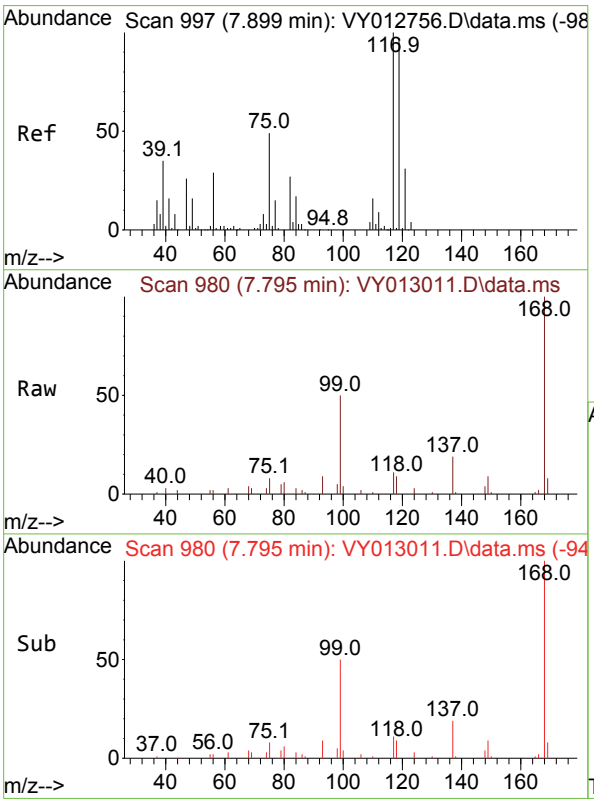
#36
1,1-Dichloropropene
Concen: 5.041 ug/l
RT: 7.789 min Scan# 9
Delta R.T. -0.128 min
Lab File: VY013011.D
Acq: 20 Mar 2023 16:27

Instrument :
MSVOA_Y
ClientSampleId :
BRAOD-CHANNEL-SUBSTATION-TP1

Tgt Ion: 75 Resp: 1438

Ion	Ratio	Lower	Upper
75	100		
110	3.3	17.8	53.3#
77	0.0	25.0	37.4#

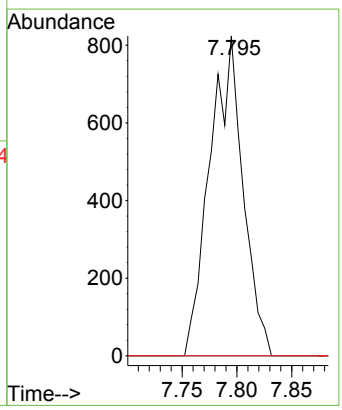


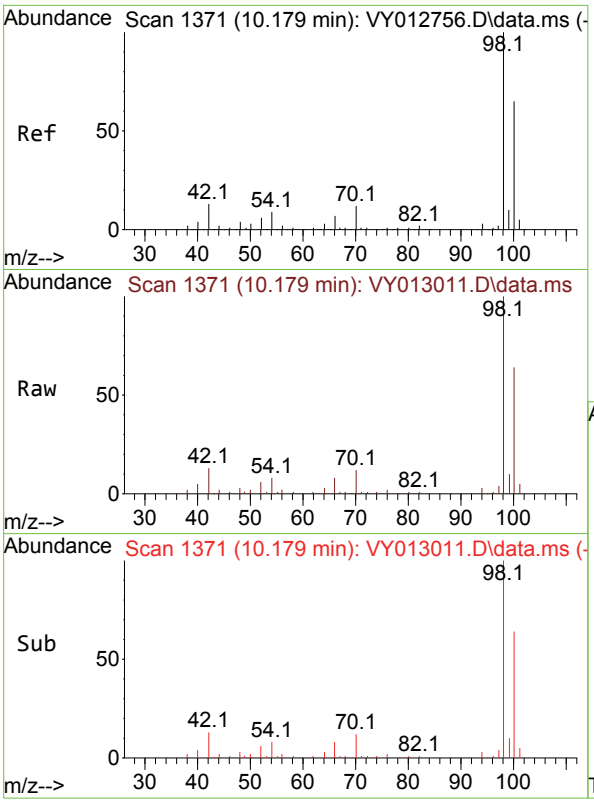


#38
Carbon Tetrachloride
Concen: 5.900 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.104 min
Lab File: VY013011.D
Acq: 20 Mar 2023 16:27

Tgt Ion:117 Resp: 1738

Ion	Ratio	Lower	Upper
117	100		
119	0.0	77.2	115.8#
121	0.0	24.7	37.1#



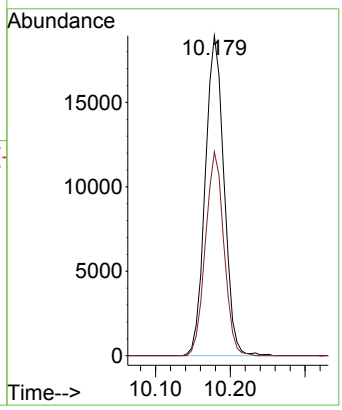


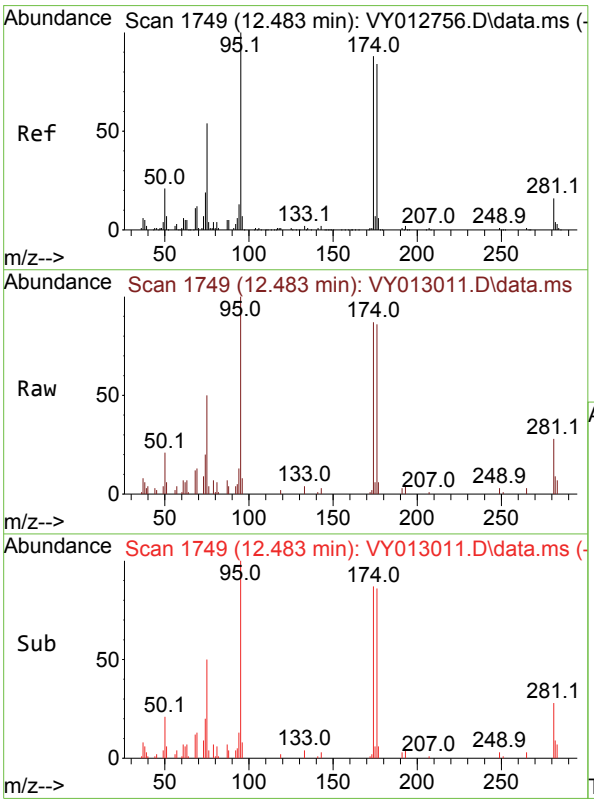
#50
Toluene-d8
Concen: 52.996 ug/l
RT: 10.179 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY013011.D
Acq: 20 Mar 2023 16:27

Instrument :
MSVOA_Y
ClientSampleId :
BRAOD-CHANNEL-SUBSTATION-TP1

Tgt Ion: 98 Resp: 32977

Ion	Ratio	Lower	Upper
98	100		
100	62.8	50.9	76.3

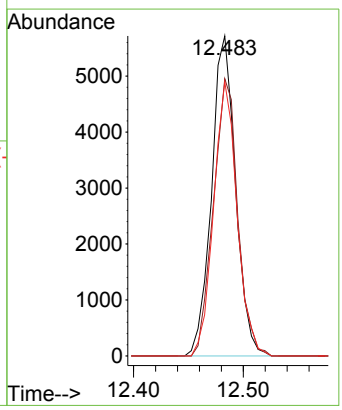


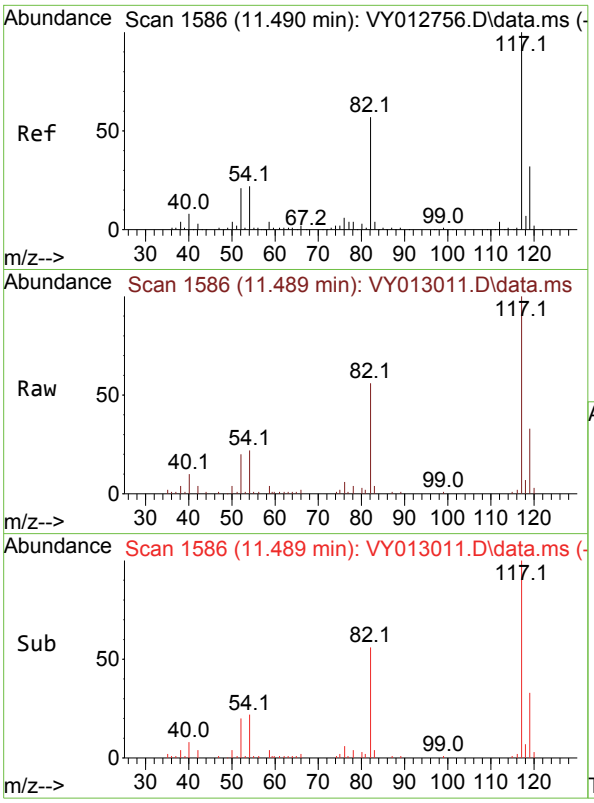


#62
4-Bromofluorobenzene
Concen: 41.385 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY013011.D
Acq: 20 Mar 2023 16:27

Tgt Ion: 95 Resp: 8692

Ion	Ratio	Lower	Upper
95	100		
174	87.6	0.0	176.6
176	83.7	0.0	170.2



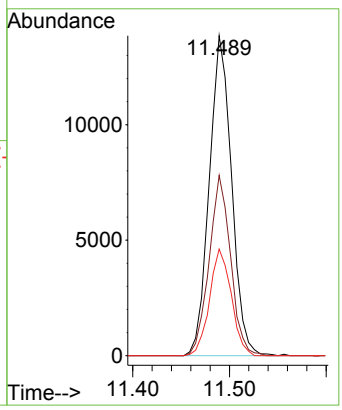


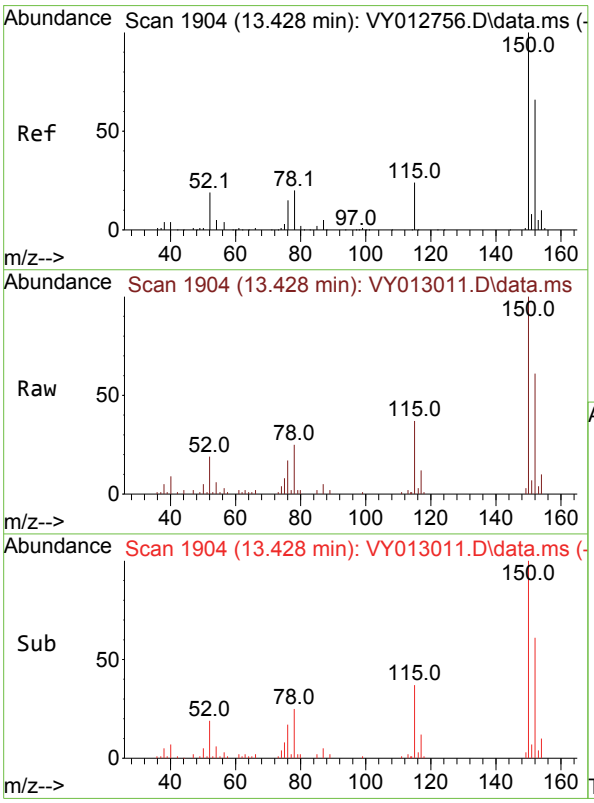
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY013011.D
Acq: 20 Mar 2023 16:27

Instrument :
MSVOA_Y
ClientSampleId :
BRAOD-CHANNEL-SUBSTATION-TP1

Tgt Ion:117 Resp: 22148

Ion	Ratio	Lower	Upper
117	100		
82	56.3	45.4	68.0
119	33.3	25.6	38.4

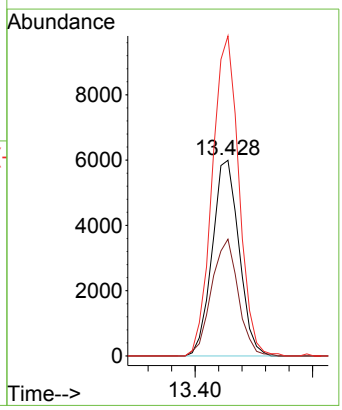


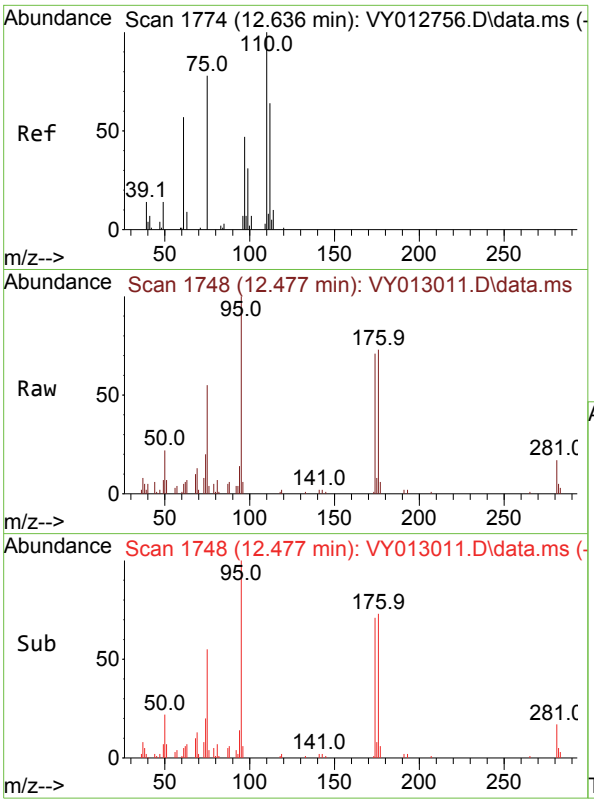


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY013011.D
Acq: 20 Mar 2023 16:27

Tgt Ion:152 Resp: 9486

Ion	Ratio	Lower	Upper
152	100		
115	59.7	27.1	81.3
150	162.6	0.0	347.8



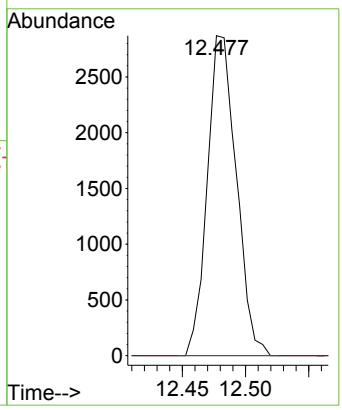


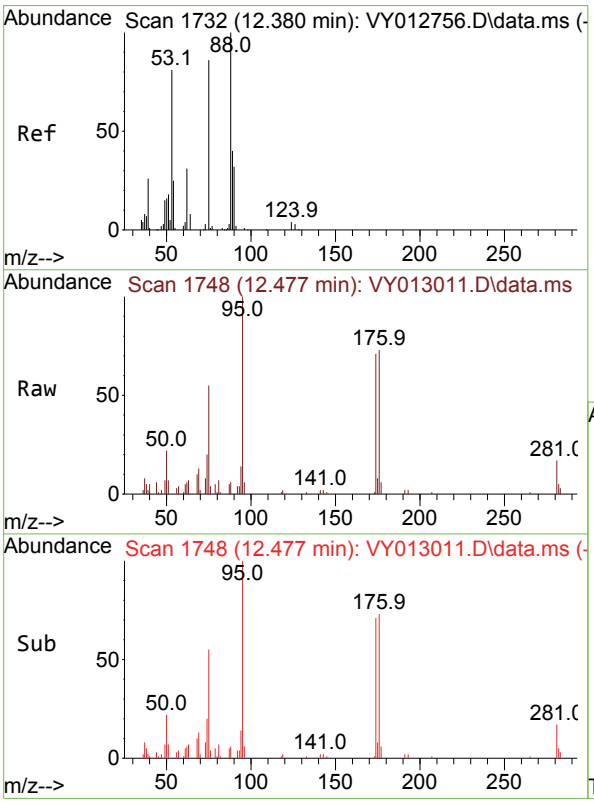
#76
1,2,3-Trichloropropane
Concen: 40.476 ug/l
RT: 12.477 min Scan# 1
Delta R.T. -0.159 min
Lab File: VY013011.D
Acq: 20 Mar 2023 16:27

Instrument :
MSVOA_Y
ClientSampleId :
BRAOD-CHANNEL-SUBSTATION-TP1

Tgt Ion: 75 Resp: 4585

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#81
trans-1,4-Dichloro-2-butene
Concen: 83.867 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY013011.D
Acq: 20 Mar 2023 16:27

Tgt Ion: 75 Resp: 4585

Ion	Ratio	Lower	Upper
75	100		
53	0.0	73.4	110.0#
89	0.0	36.6	55.0#