Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY050420\
Data File : VY002537.D
Acq On : 04 May 2020 13:49
Operator : SY/MD
Sample : L2452-05
Misc : 6.21G/5ML/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : 227

Quant Time: May 05 07:05:33 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
Quant Title : SW846 8260
QLast Update : Mon May 04 12:22:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	302934	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.69	114	494033	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	443049	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	216437	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	154344	60.60	ug/l	-0.01
Spiked Amount 50.000			Recovery = 121.20%			
35) Dibromofluoromethane	7.72	113	150846	53.39	ug/l	-0.01
Spiked Amount 50.000			Recovery = 106.78%			
50) Toluene-d8	10.18	98	574067	52.03	ug/l	-0.01
Spiked Amount 50.000			Recovery = 104.06%			
62) 4-Bromofluorobenzene	12.48	95	186776	49.89	ug/l	-0.01
Spiked Amount 50.000			Recovery = 99.78%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.90	85	110	1.827	ug/l #	43
16) Acetone	3.96	43	1036	1.971	ug/l #	81
20) Methylene Chloride	4.72	84	6367	2.166	ug/l	88
31) Cyclohexane	7.80	56	4642	1.014	ug/l #	1
36) 1,1-Dichloropropene	7.79	75	18970	4.580	ug/l #	50
38) Carbon Tetrachloride	7.80	117	27734	6.134	ug/l #	18
51) 4-Methyl-2-Pentanone	10.18	43	2179	1.060	ug/l #	1
71) Bromoform	12.49	173	2018	1.040	ug/l #	1
76) 1,2,3-Trichloropropane	12.48	75	91372	47.505	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	91372	95.257	ug/l #	15

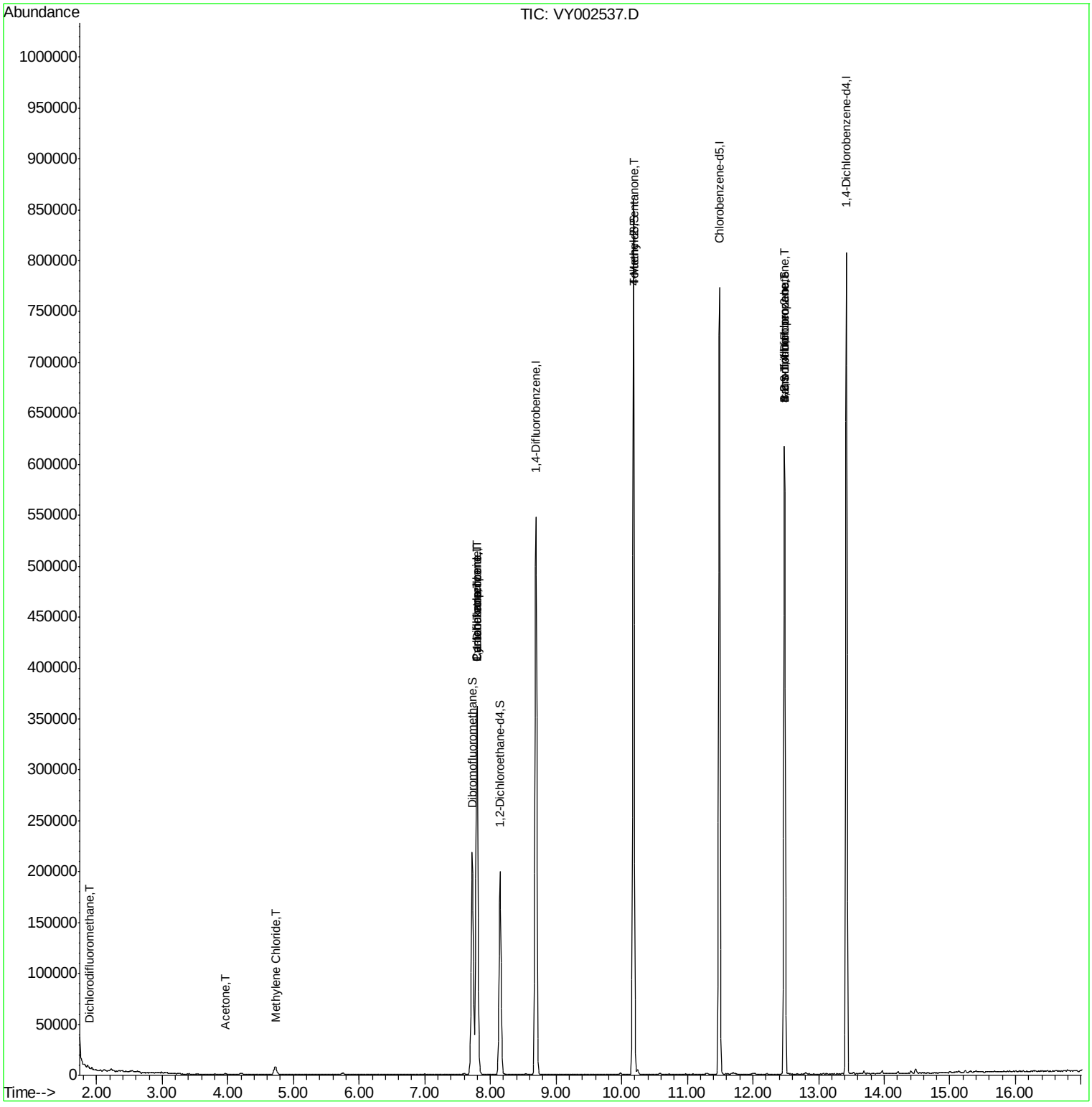
(#) = qualifier out of range (m) = manual integration (+) = signals summed

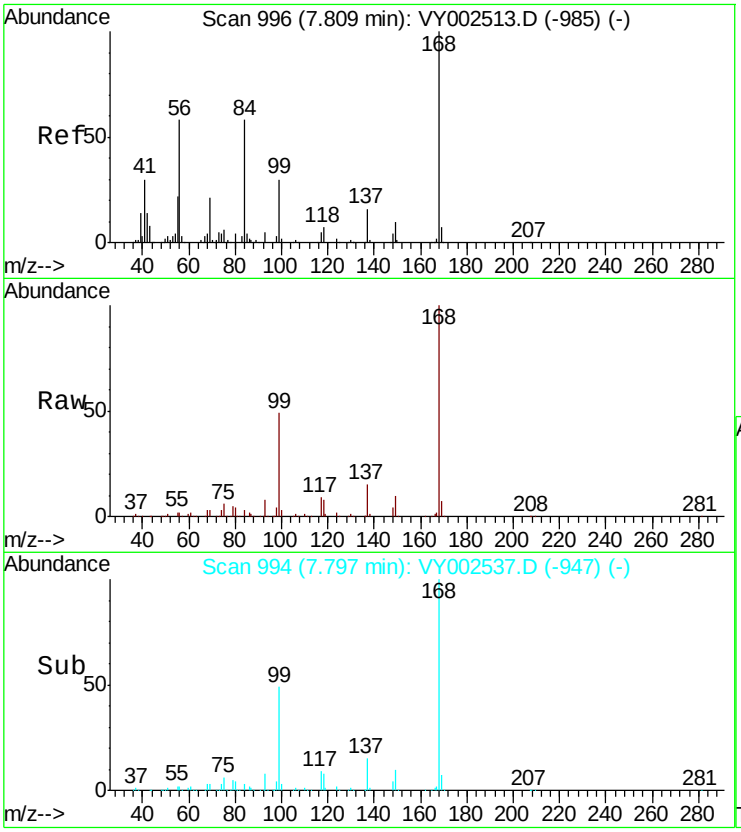
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY050420\
Data File : VY002537.D
Acq On : 04 May 2020 13:49
Operator : SY/MD
Sample : L2452-05
Misc : 6.21G/5ML/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : 227

Quant Time: May 05 07:05:33 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
Quant Title : SW846 8260
QLast Update : Mon May 04 12:22:08 2020
Response via : Initial Calibration



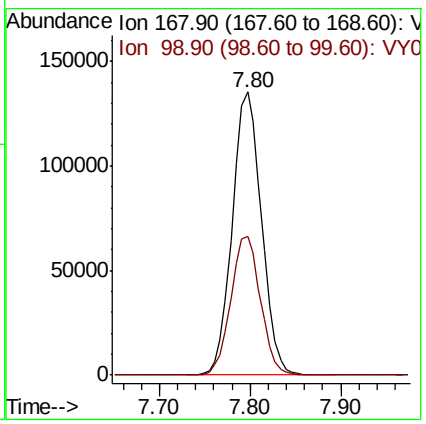


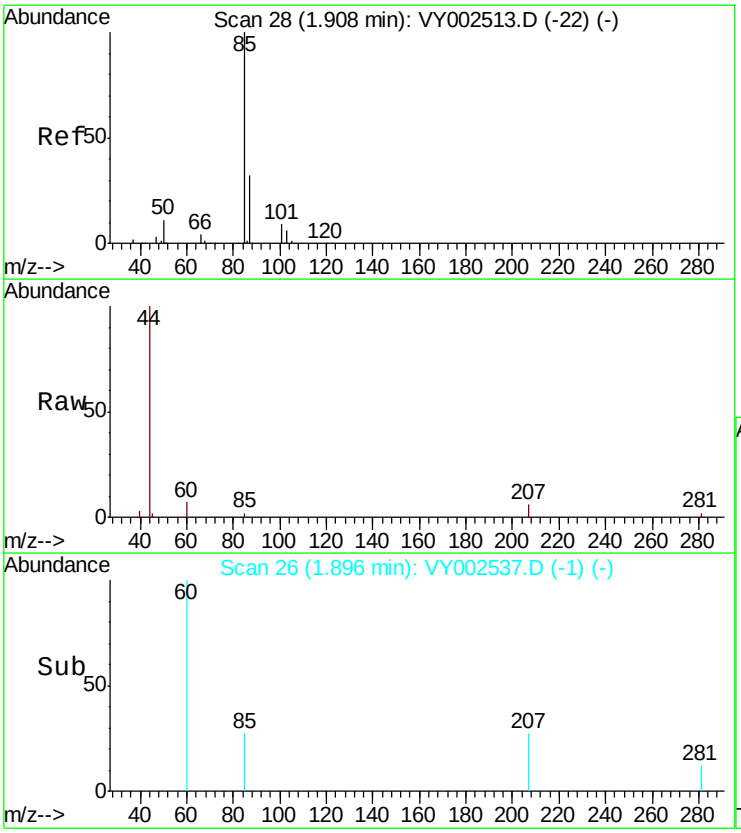
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.01 min
Lab File: VY002537.D
Acq: 04 May 2020 13:49

Instrument :
MSVOA_Y
ClientSampleId :
227

Tgt Ion:168 Resp: 302934

Ion	Ratio	Lower	Upper
168	100		
99	49.2	39.2	58.8

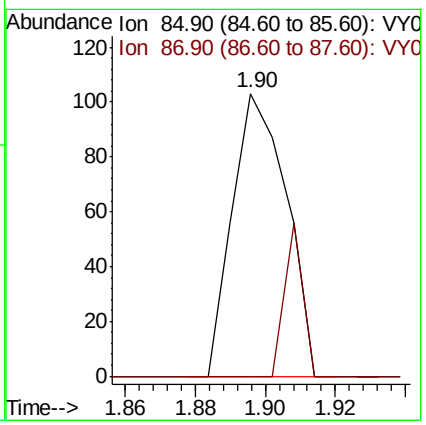


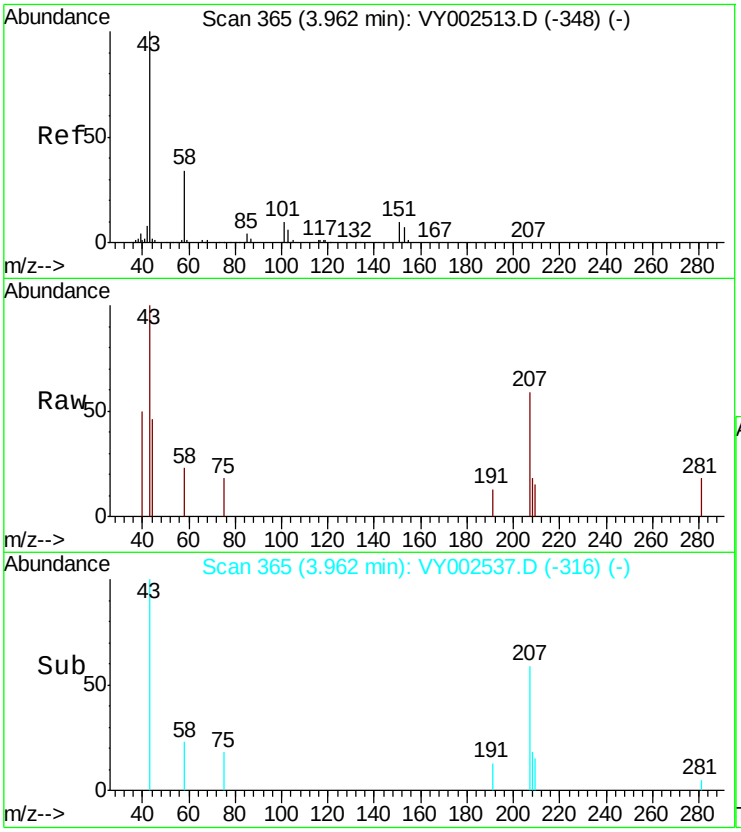


#2
Dichlorodifluoromethane
Concen: 1.827 ug/l
RT: 1.90 min Scan# 26
Delta R.T. -0.01 min
Lab File: VY002537.D
Acq: 04 May 2020 13:49

Tgt Ion: 85 Resp: 110

Ion	Ratio	Lower	Upper
85	100		
87	0.0	15.8	47.4#



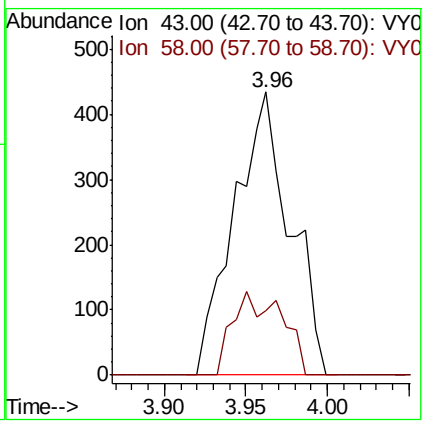


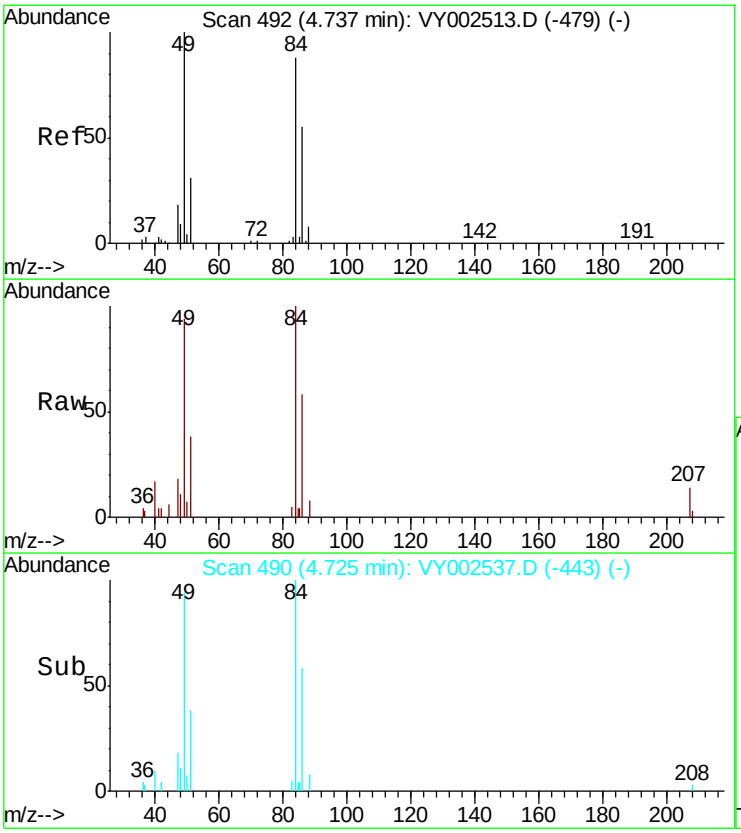
#16
Acetone
Concen: 1.971 ug/l
RT: 3.96 min Scan# 365
Delta R.T. 0.00 min
Lab File: VY002537.D
Acq: 04 May 2020 13:49

Instrument : MSVOA_Y
ClientSampleId : 227

Tgt Ion: 43 Resp: 1036

Ion	Ratio	Lower	Upper
43	100		
58	22.6	26.9	40.3#

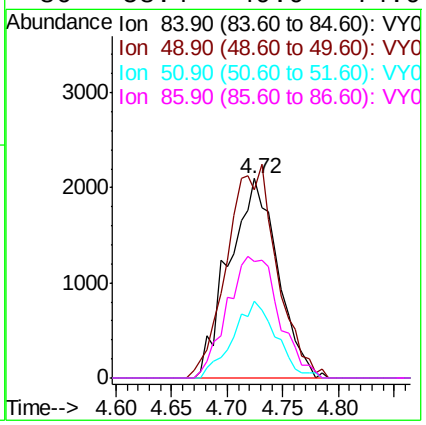


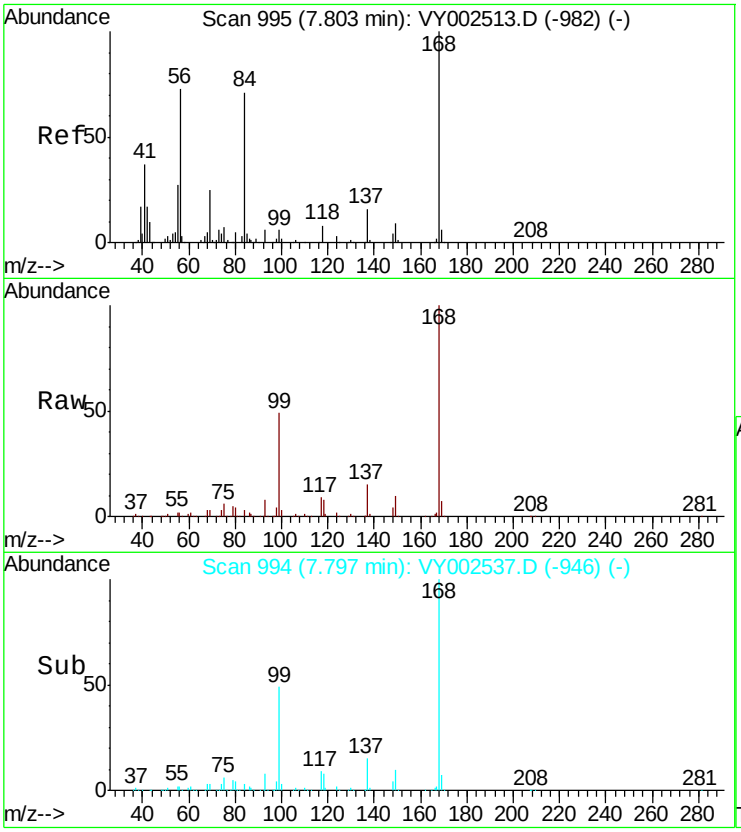


#20
Methylene Chloride
Concen: 2.166 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.01 min
Lab File: VY002537.D
Acq: 04 May 2020 13:49

Tgt Ion: 84 Resp: 6367

Ion	Ratio	Lower	Upper
84	100		
49	94.2	90.5	135.7
51	38.3	28.3	42.5
86	58.4	49.9	74.9



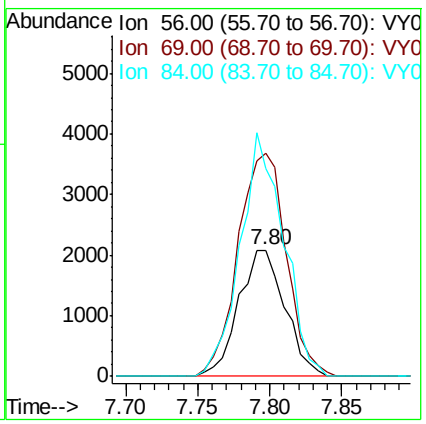


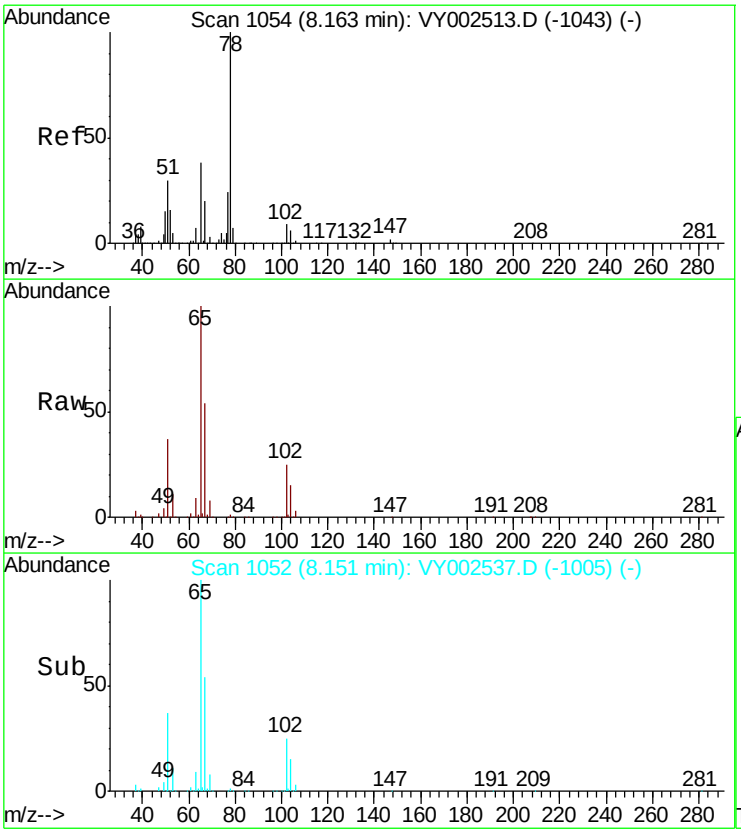
#31
Cyclohexane
Concen: 1.014 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.01 min
Lab File: VY002537.D
Acq: 04 May 2020 13:49

Instrument :
MSVOA_Y
ClientSampleId :
227

Tgt Ion: 56 Resp: 4642

Ion	Ratio	Lower	Upper
56	100		
69	176.2	27.6	41.4#
84	164.4	77.7	116.5#

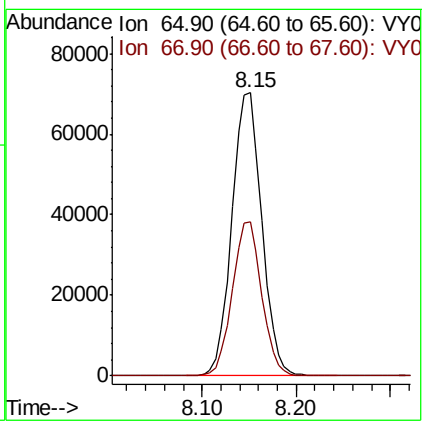


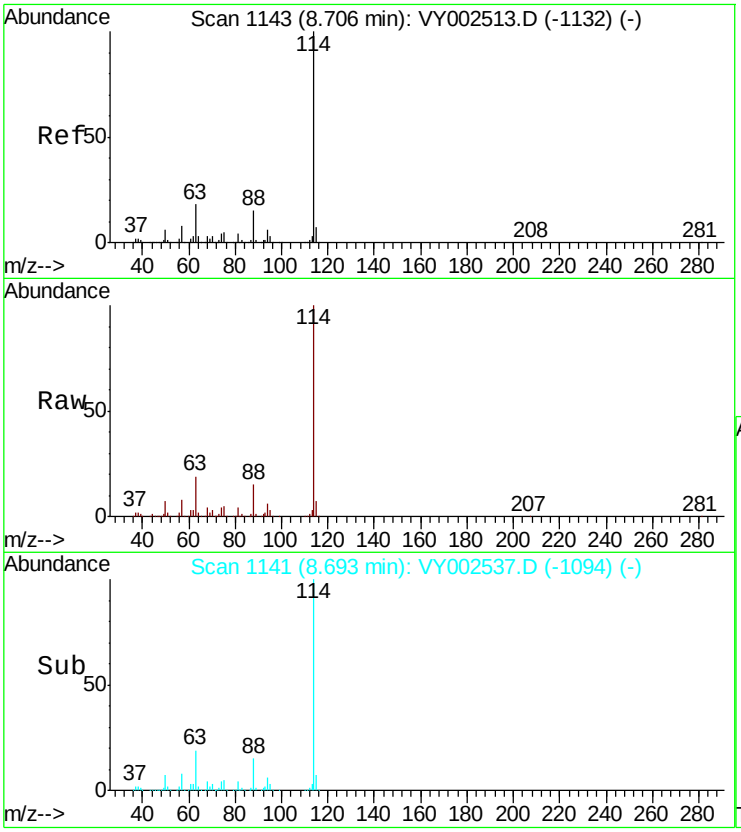


#33
1,2-Dichloroethane-d4
Concen: 60.595 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VY002537.D
Acq: 04 May 2020 13:49

Tgt Ion: 65 Resp: 154344

Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	107.2



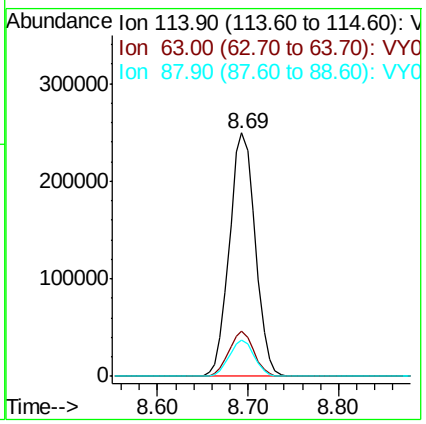


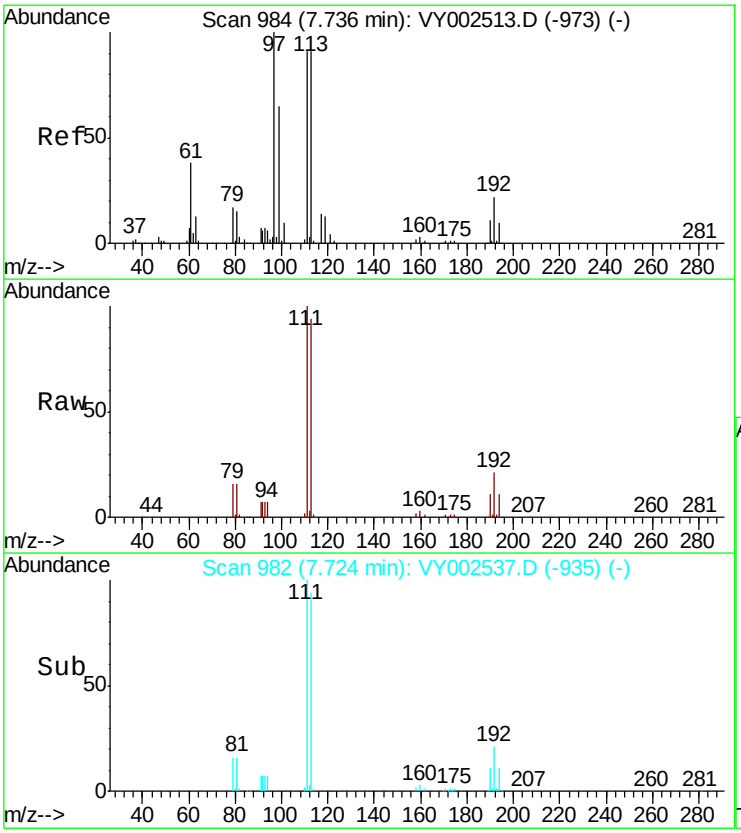
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1141
Delta R.T. -0.01 min
Lab File: VY002537.D
Acq: 04 May 2020 13:49

Instrument : MSVOA_Y
ClientSampleId : 227

Tgt Ion:114 Resp: 494033

Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	36.4
88	14.7	0.0	29.6

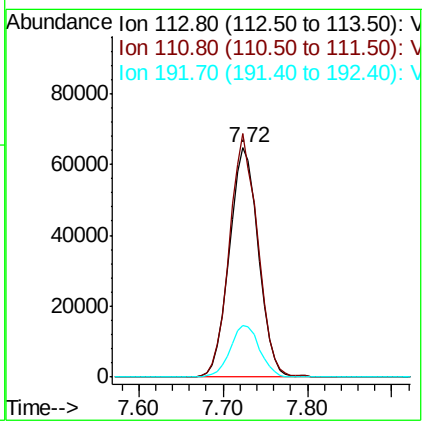


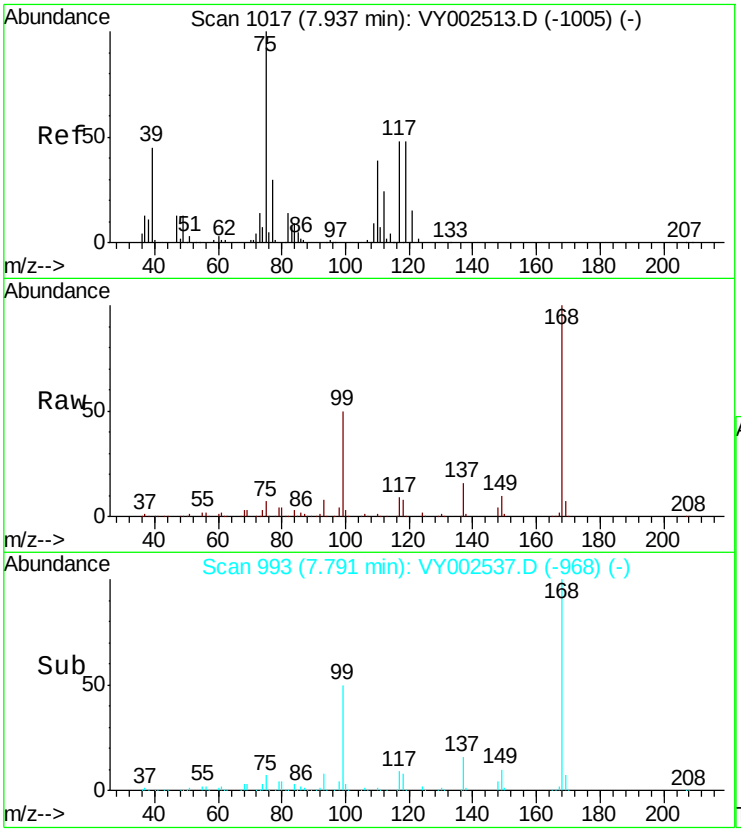


#35
Dibromofluoromethane
Concen: 53.389 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.01 min
Lab File: VY002537.D
Acq: 04 May 2020 13:49

Tgt Ion:113 Resp: 150846

Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.8	122.6
192	22.8	18.2	27.4



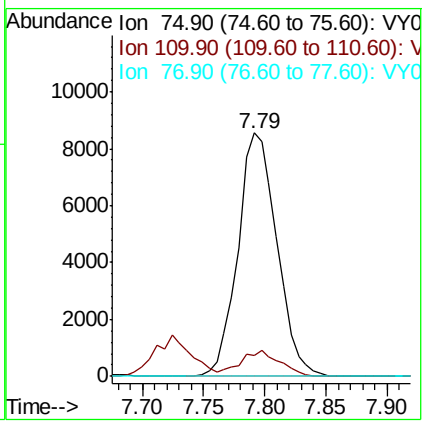


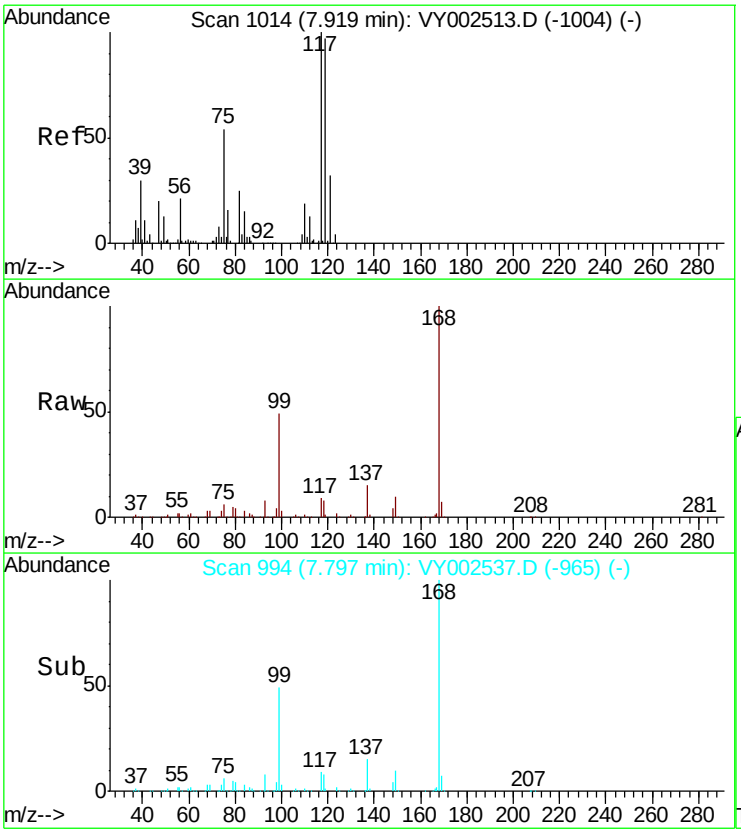
#36
1,1-Dichloropropene
Concen: 4.580 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.15 min
Lab File: VY002537.D
Acq: 04 May 2020 13:49

Instrument :
MSVOA_Y
ClientSampleId :
227

Tgt Ion: 75 Resp: 18970

Ion	Ratio	Lower	Upper
75	100		
110	10.9	19.1	57.3#
77	0.0	24.6	37.0#

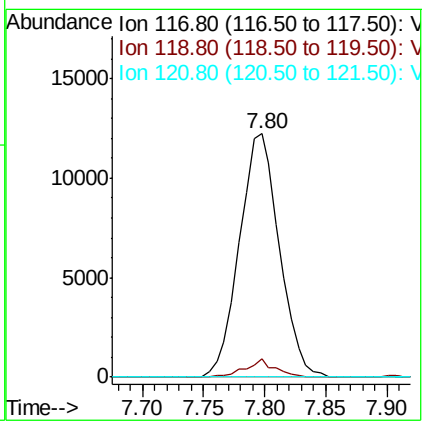


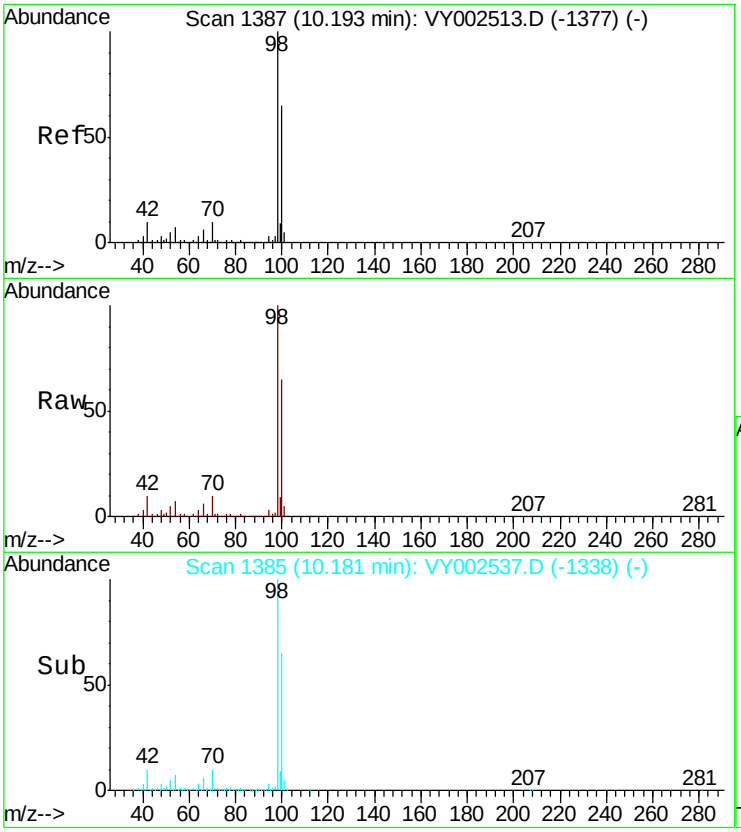


#38
Carbon Tetrachloride
Concen: 6.134 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.12 min
Lab File: VY002537.D
Acq: 04 May 2020 13:49

Tgt Ion:117 Resp: 27734

Ion	Ratio	Lower	Upper
117	100		
119	7.6	77.1	115.7#
121	0.0	25.2	37.8#



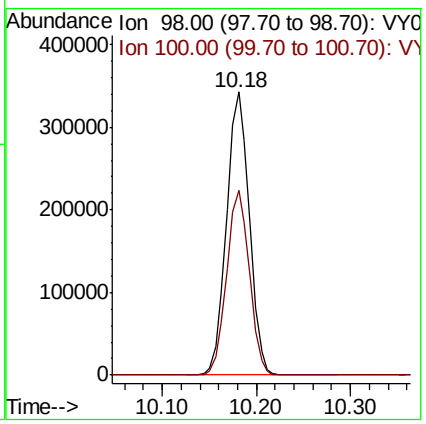


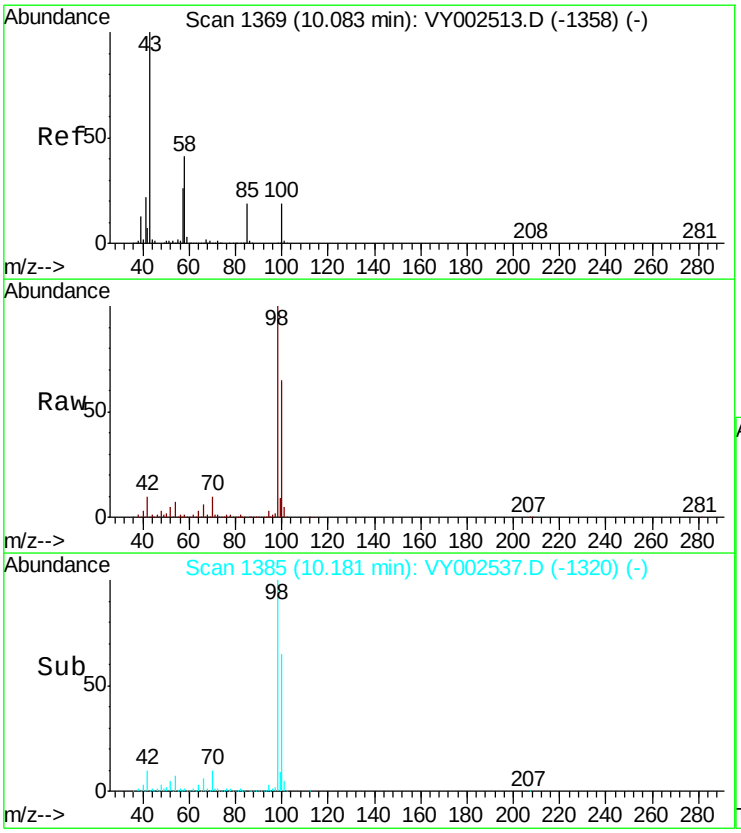
#50
Toluene-d8
Concen: 52.029 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.01 min
Lab File: VY002537.D
Acq: 04 May 2020 13:49

Instrument : MSVOA_Y
ClientSampleId : 227

Tgt Ion: 98 Resp: 574067

Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.2	78.2

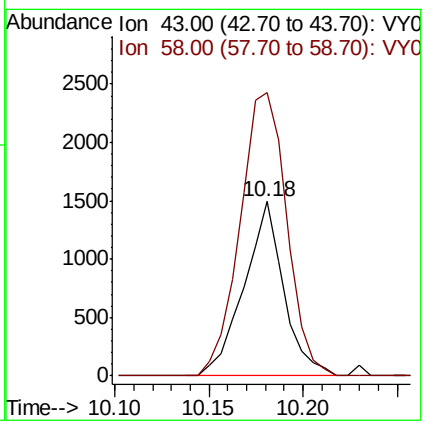


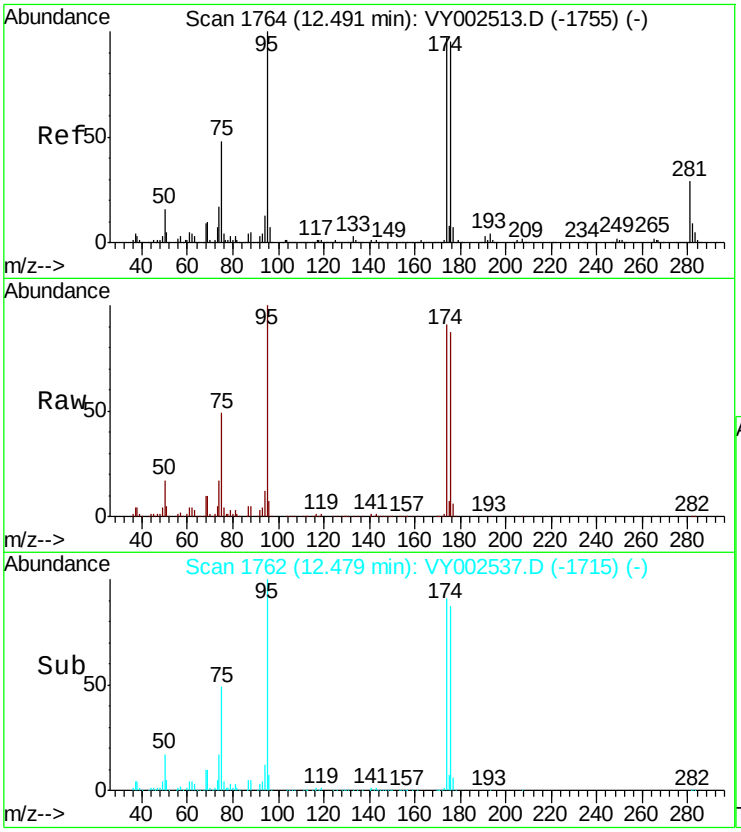


#51
4-Methyl-2-Pentanone
Concen: 1.060 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.10 min
Lab File: VY002537.D
Acq: 04 May 2020 13:49

Tgt Ion: 43 Resp: 2179

Ion	Ratio	Lower	Upper
43	100		
58	191.1	33.2	49.8#



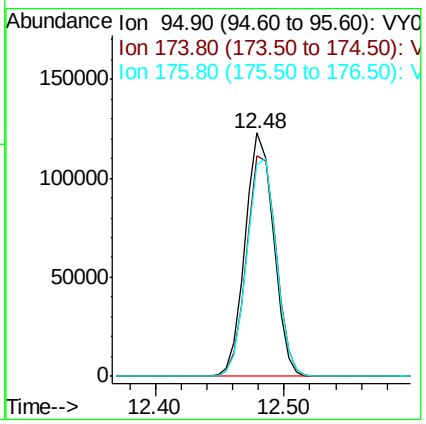


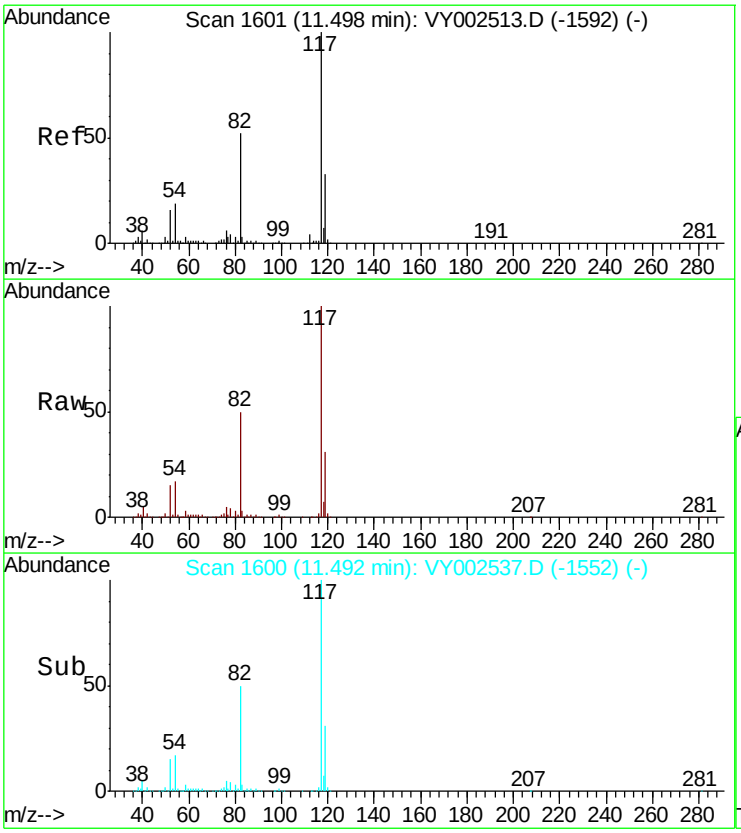
#62
4-Bromofluorobenzene
Concen: 49.887 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VY002537.D
Acq: 04 May 2020 13:49

Instrument :
MSVOA_Y
ClientSampleId :
227

Tgt Ion: 95 Resp: 186776

Ion	Ratio	Lower	Upper
95	100		
174	94.2	0.0	188.8
176	92.0	0.0	183.2

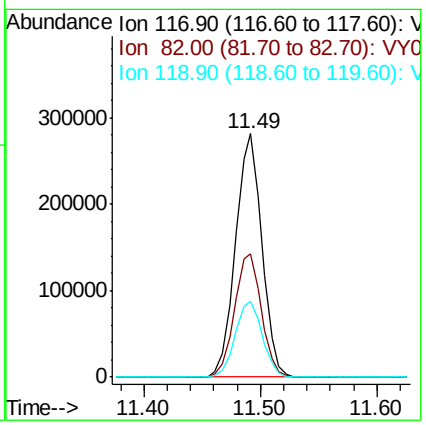


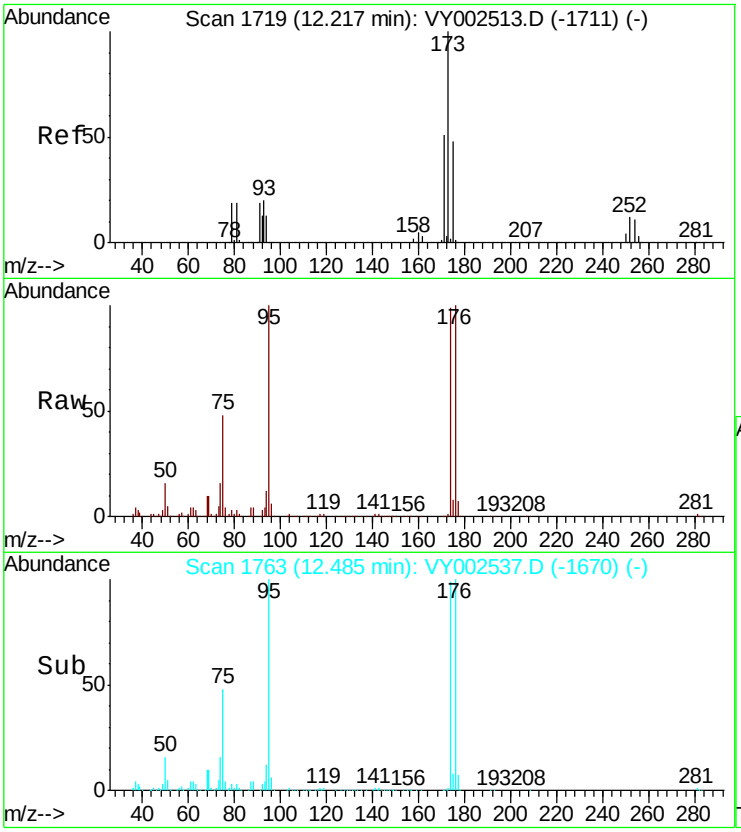


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002537.D
Acq: 04 May 2020 13:49

Tgt Ion:117 Resp: 443049

Ion	Ratio	Lower	Upper
117	100		
82	50.5	41.3	61.9
119	31.3	26.0	39.0



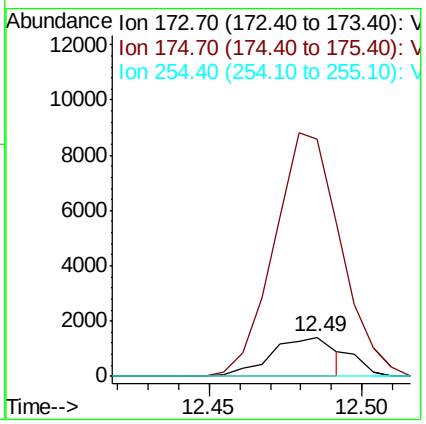


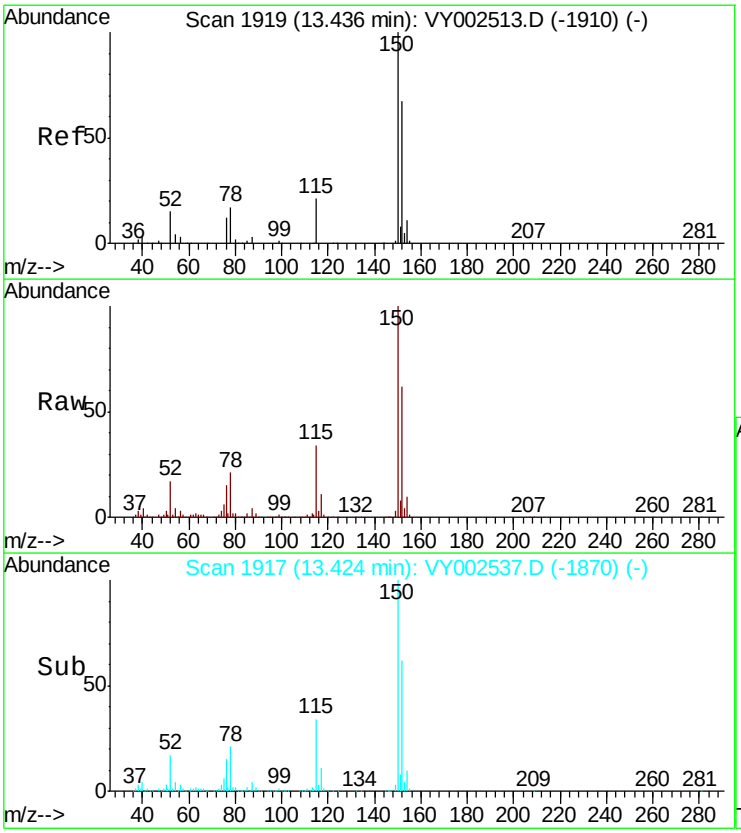
#71
Bromoform
Concen: 1.040 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. 0.27 min
Lab File: VY002537.D
Acq: 04 May 2020 13:49

Instrument :
MSVOA_Y
ClientSampleId :
227

Tgt Ion:173 Resp: 2018

Ion	Ratio	Lower	Upper
173	100		
175	591.6	24.3	72.8#
254	0.0	0.2	0.2#

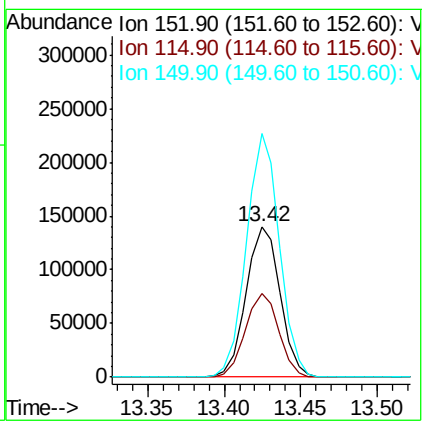


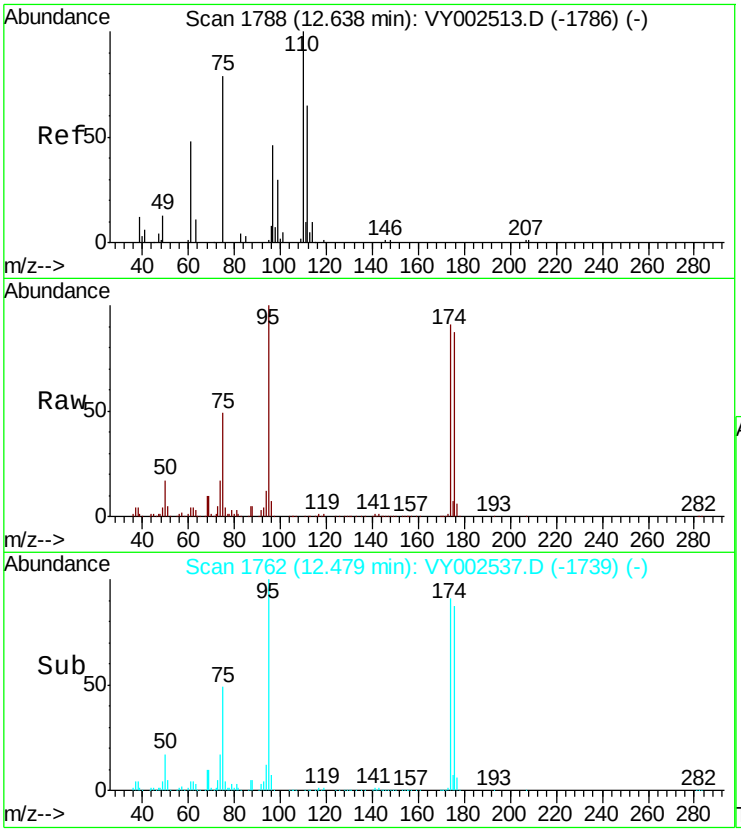


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY002537.D
Acq: 04 May 2020 13:49

Tgt Ion:152 Resp: 216437

Ion	Ratio	Lower	Upper
152	100		
115	54.9	27.5	82.4
150	156.7	0.0	346.4



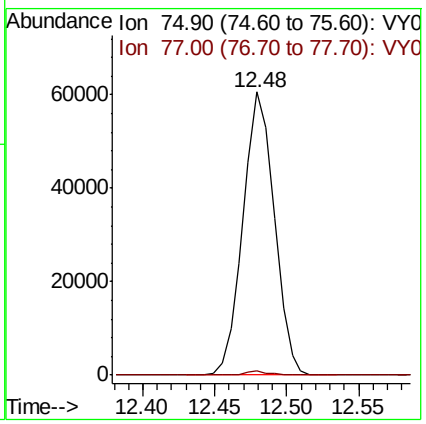


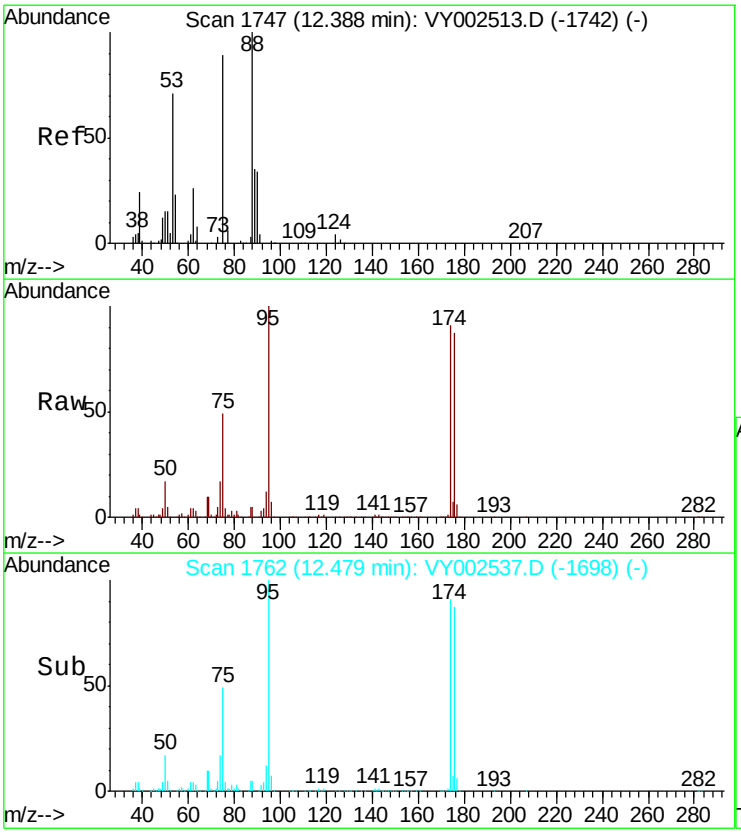
#76
1,2,3-Trichloropropane
Concen: 47.505 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.16 min
Lab File: VY002537.D
Acq: 04 May 2020 13:49

Instrument :
MSVOA_Y
ClientSampleId :
227

Tgt Ion: 75 Resp: 91372

Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 95.257 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.09 min
Lab File: VY002537.D
Acq: 04 May 2020 13:49

Tgt Ion: 75 Resp: 91372

Ion	Ratio	Lower	Upper
75	100		
53	0.0	67.4	101.0#
89	0.0	37.4	56.0#