Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY041320\
Data File : VY002284.D
Acq On : 13 Apr 2020 16:46
Operator : SY/MD
Sample : L2215-16
Misc : 5.97G/5ML/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Time: Apr 14 06:17:46 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 08 15:15:02 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	145323	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	294212	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	275997	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	121269	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	86006	53.22	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.44%			
35) Dibromofluoromethane	7.74	113	86178	49.23	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.46%			
50) Toluene-d8	10.19	98	359044	49.00	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.00%			
62) 4-Bromofluorobenzene	12.48	95	123552	51.11	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.22%			
Target Compounds						Qvalue
16) Acetone	3.97	43	1360	3.195	ug/l #	19
20) Methylene Chloride	4.75	84	5502	2.630	ug/l	85
36) 1,1-Dichloropropene	7.81	75	12022	4.148	ug/l #	48
38) Carbon Tetrachloride	7.82	117	14527	5.860	ug/l #	16
76) 1,2,3-Trichloropropane	12.48	75	60959	43.289	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	60959	84.196	ug/l #	19

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

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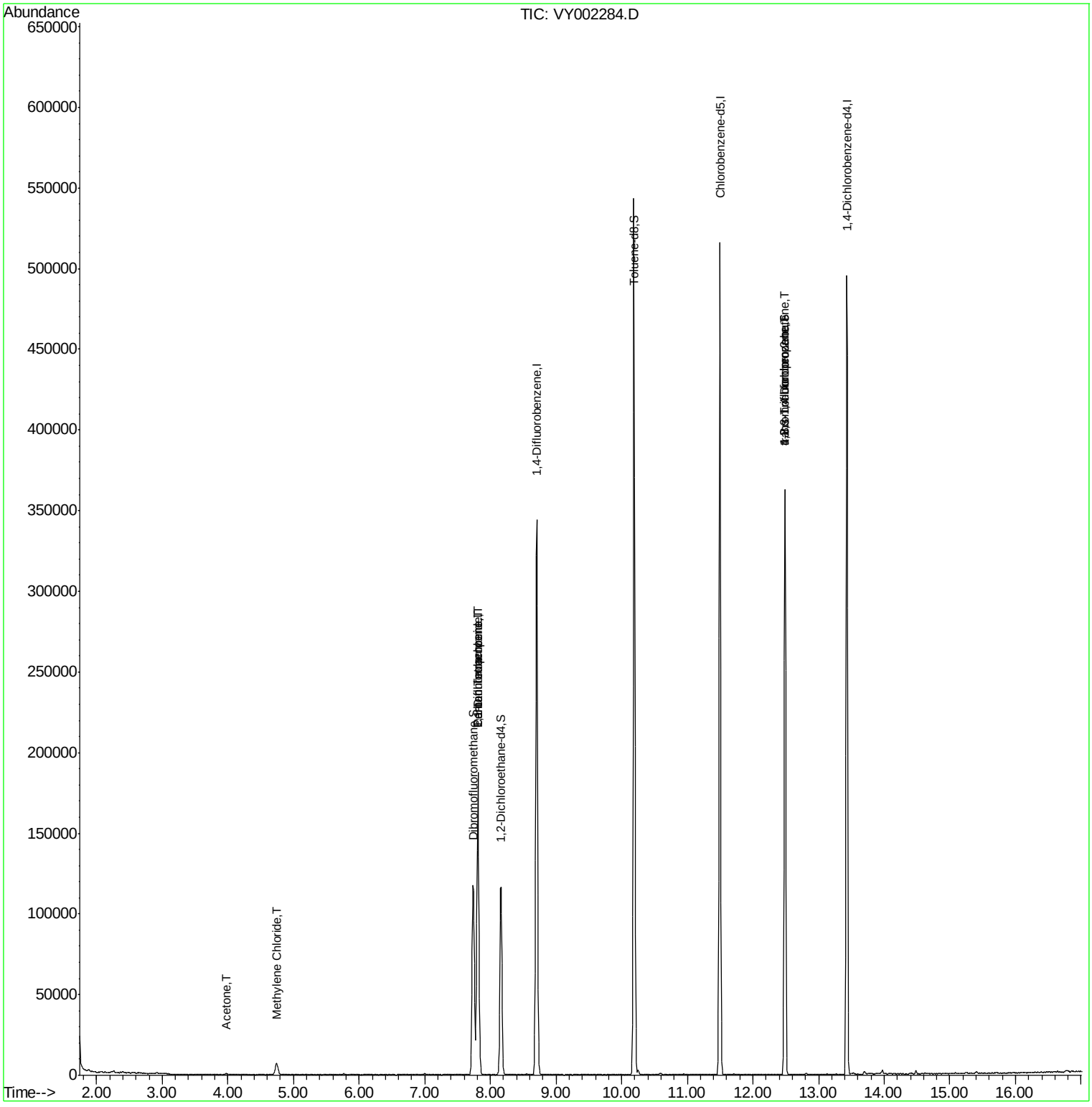
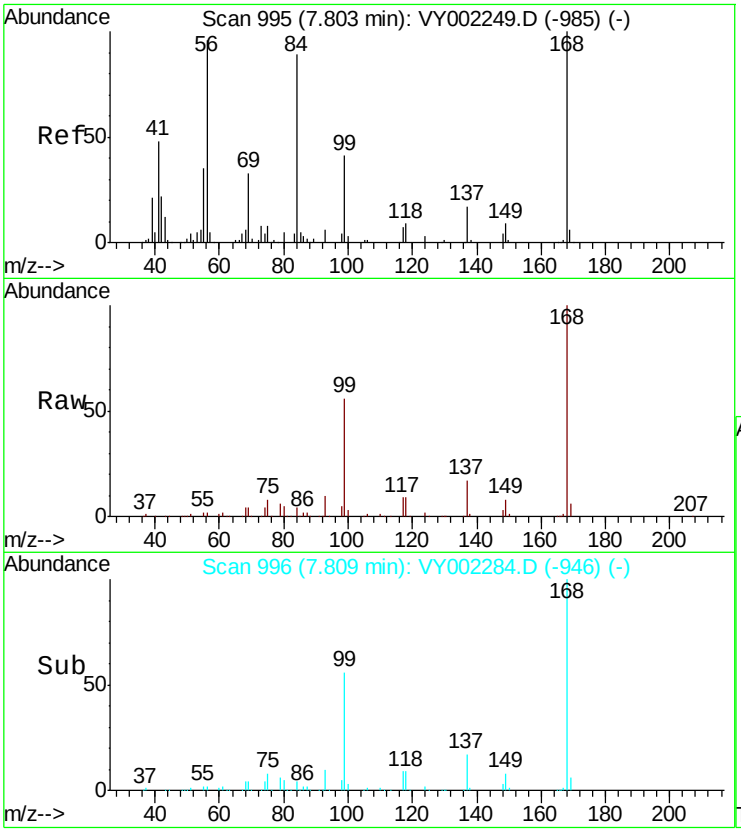


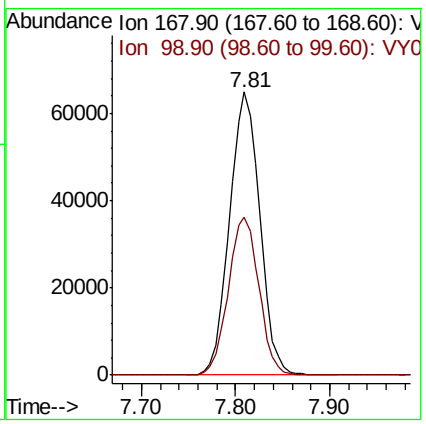


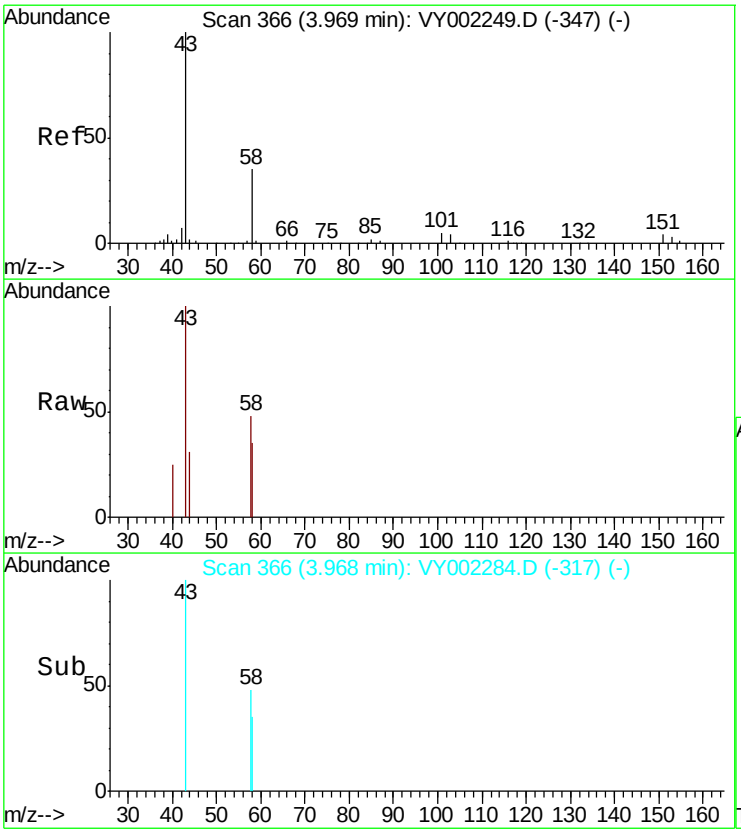
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.81 min Scan# 996
Delta R.T. 0.01 min
Lab File: VY002284.D
Acq: 13 Apr 2020 16:46

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 145323

Ion	Ratio	Lower	Upper
168	100		
99	56.0	48.0	72.0

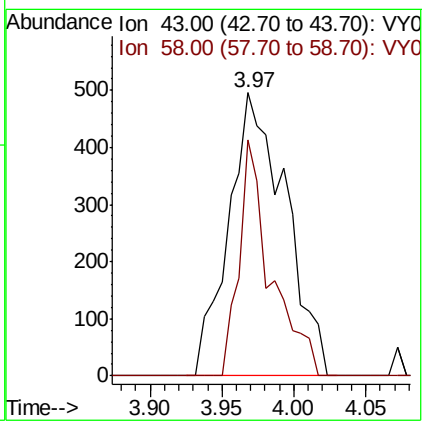


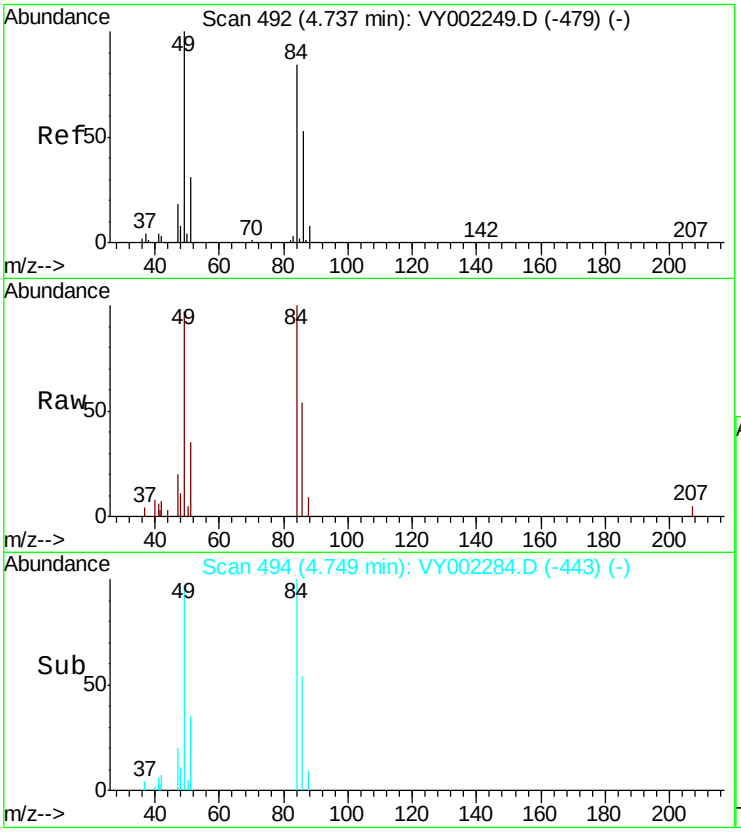


#16
Acetone
Concen: 3.195 ug/l
RT: 3.97 min Scan# 366
Delta R.T. -0.00 min
Lab File: VY002284.D
Acq: 13 Apr 2020 16:46

Tgt Ion: 43 Resp: 1360

Ion	Ratio	Lower	Upper
43	100		
58	83.3	28.5	42.7#



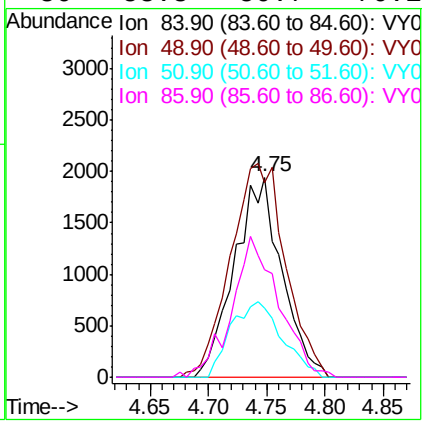


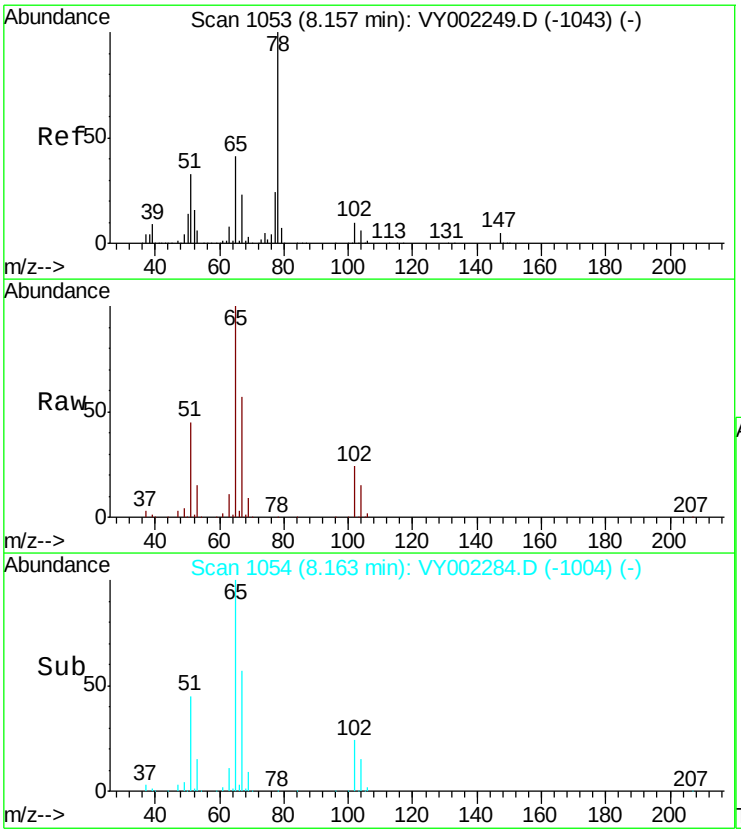
#20
Methylene Chloride
Concen: 2.630 ug/l
RT: 4.75 min Scan# 494
Delta R.T. 0.01 min
Lab File: VY002284.D
Acq: 13 Apr 2020 16:46

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 84 Resp: 5502

Ion	Ratio	Lower	Upper
84	100		
49	97.2	95.5	143.3
51	34.7	29.5	44.3
86	53.8	50.7	76.1

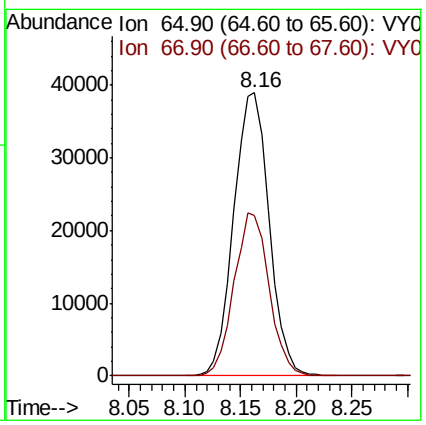


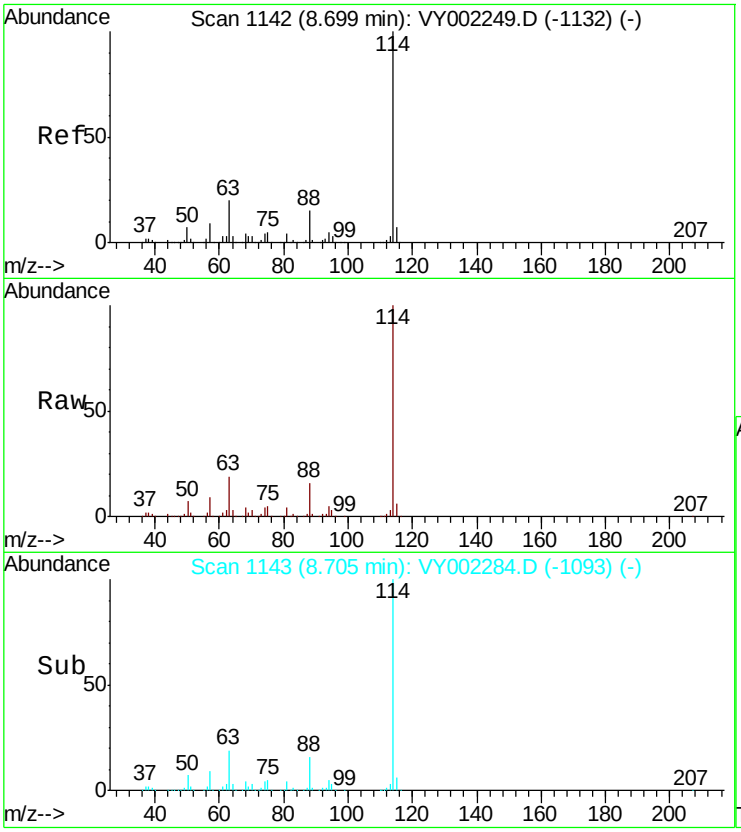


#33
1,2-Dichloroethane-d4
Concen: 53.218 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.01 min
Lab File: VY002284.D
Acq: 13 Apr 2020 16:46

Tgt Ion: 65 Resp: 86006

Ion	Ratio	Lower	Upper
65	100		
67	56.7	0.0	114.0



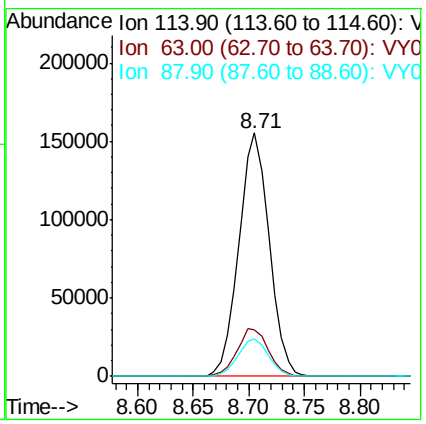


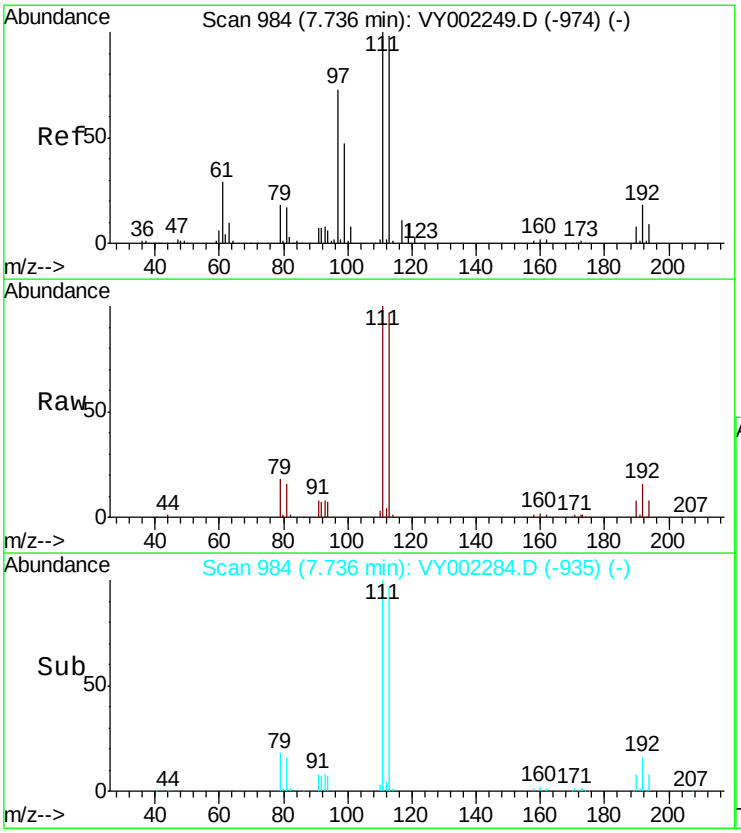
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.71 min Scan# 1143
Delta R.T. 0.01 min
Lab File: VY002284.D
Acq: 13 Apr 2020 16:46

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:114 Resp: 294212

Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	39.0
88	15.6	0.0	31.0

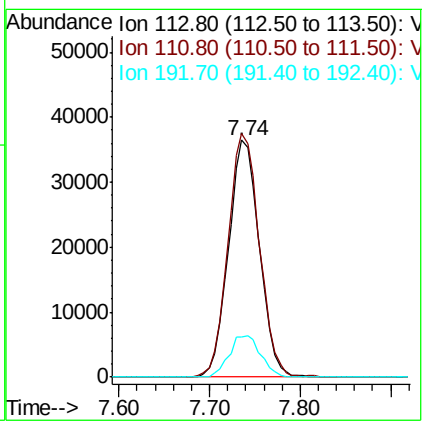


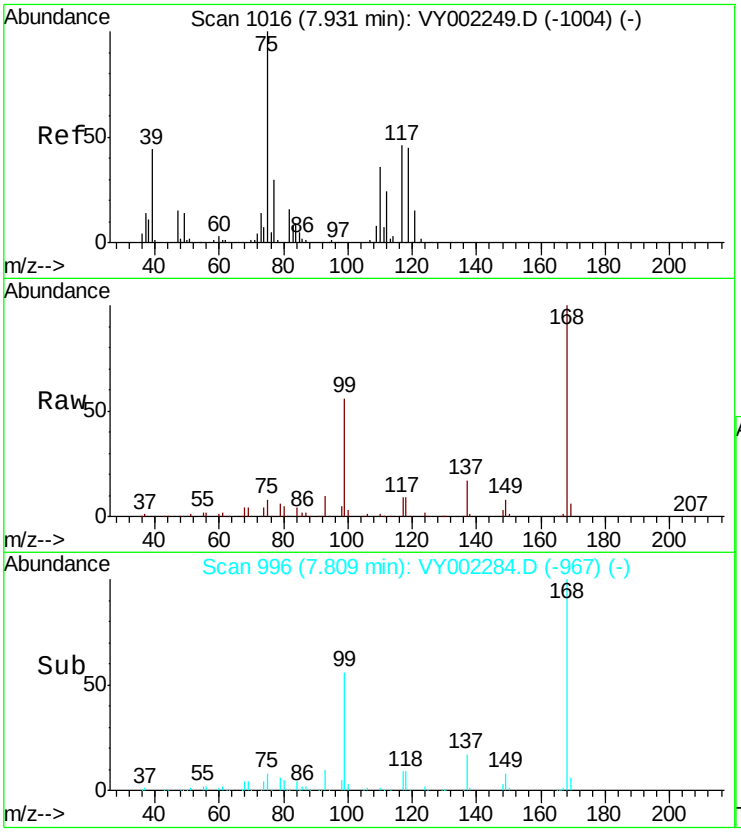


#35
Dibromofluoromethane
Concen: 49.226 ug/l
RT: 7.74 min Scan# 984
Delta R.T. -0.00 min
Lab File: VY002284.D
Acq: 13 Apr 2020 16:46

Tgt Ion:113 Resp: 86178

Ion	Ratio	Lower	Upper
113	100		
111	104.3	83.5	125.3
192	17.9	14.7	22.1



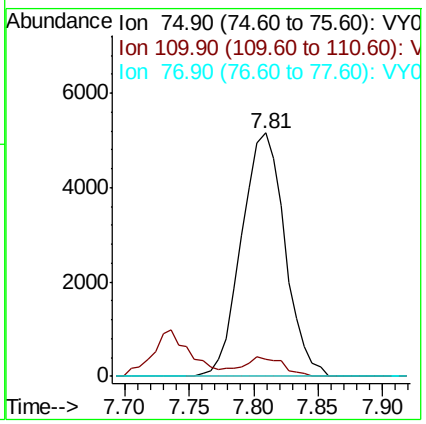


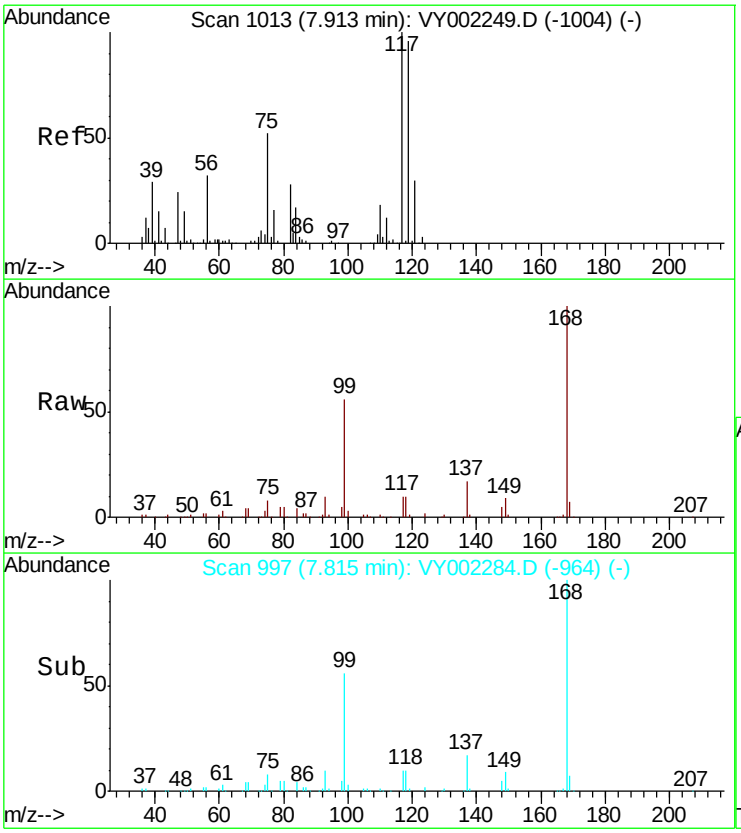
#36
1,1-Dichloropropene
Concen: 4.148 ug/l
RT: 7.81 min Scan# 996
Delta R.T. -0.12 min
Lab File: VY002284.D
Acq: 13 Apr 2020 16:46

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 12022

Ion	Ratio	Lower	Upper
75	100		
110	7.3	17.8	53.3#
77	0.0	24.4	36.6#

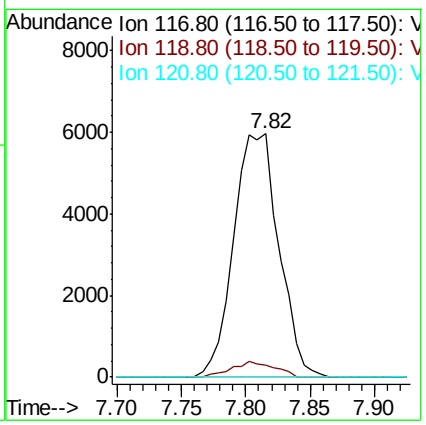


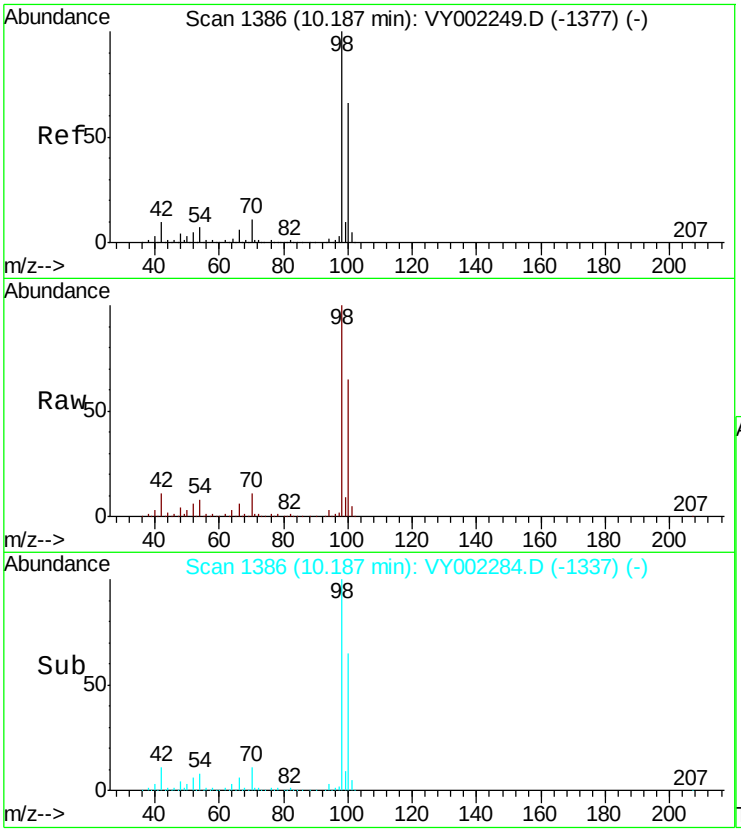


#38
Carbon Tetrachloride
Concen: 5.860 ug/l
RT: 7.82 min Scan# 997
Delta R.T. -0.10 min
Lab File: VY002284.D
Acq: 13 Apr 2020 16:46

Tgt Ion:117 Resp: 14527

Ion	Ratio	Lower	Upper
117	100		
119	5.0	77.1	115.7#
121	0.0	23.9	35.9#



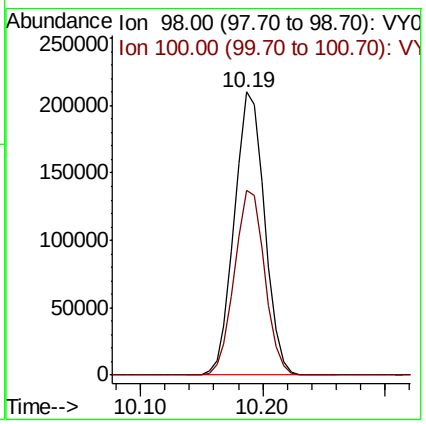


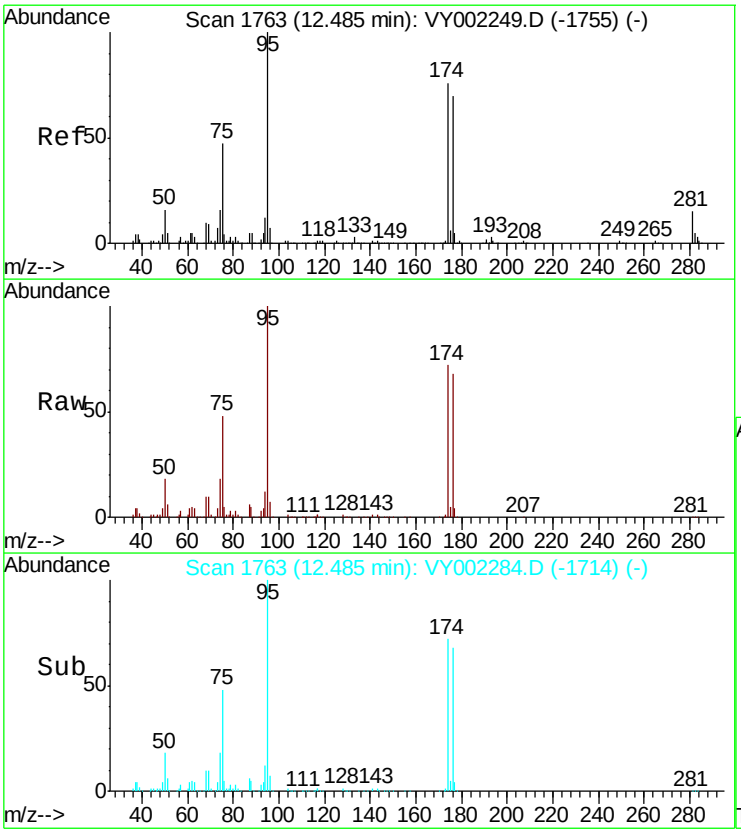
#50
Toluene-d8
Concen: 48.999 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.00 min
Lab File: VY002284.D
Acq: 13 Apr 2020 16:46

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 98 Resp: 359044

Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.6	78.8

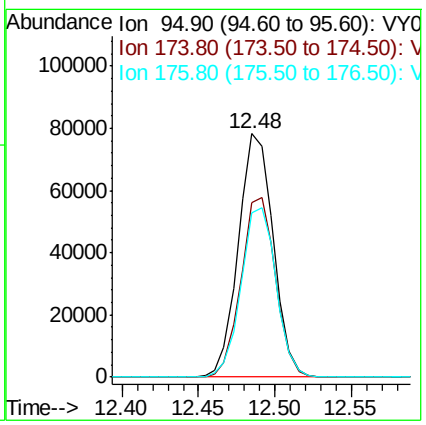


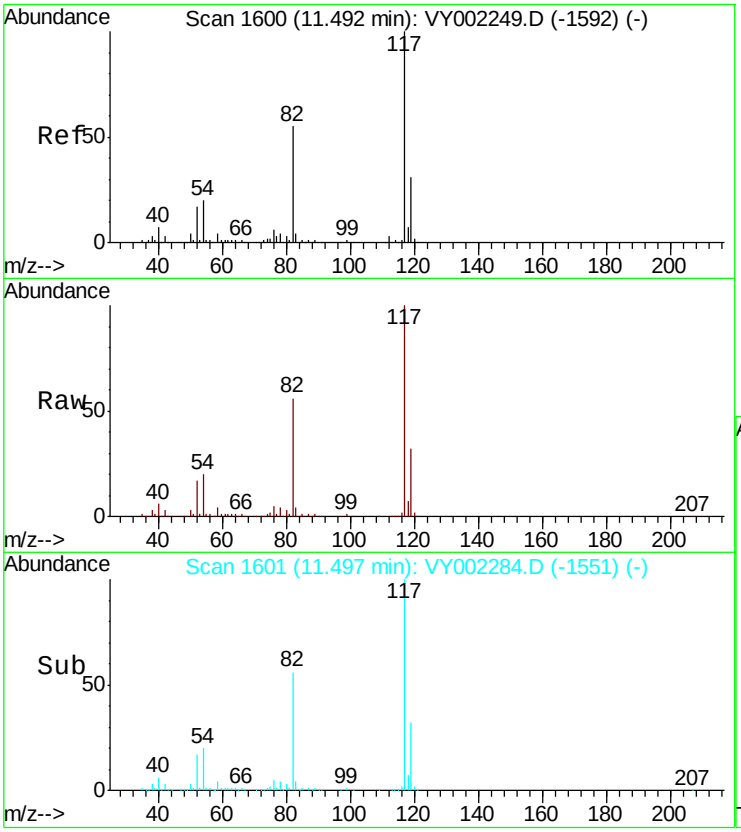


#62
4-Bromofluorobenzene
Concen: 51.108 ug/l
RT: 12.48 min Scan# 1763
Delta R.T. -0.00 min
Lab File: VY002284.D
Acq: 13 Apr 2020 16:46

Tgt Ion: 95 Resp: 123552

Ion	Ratio	Lower	Upper
95	100		
174	73.2	0.0	150.6
176	70.1	0.0	141.4



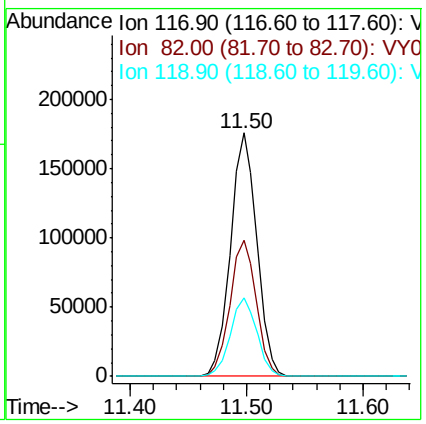


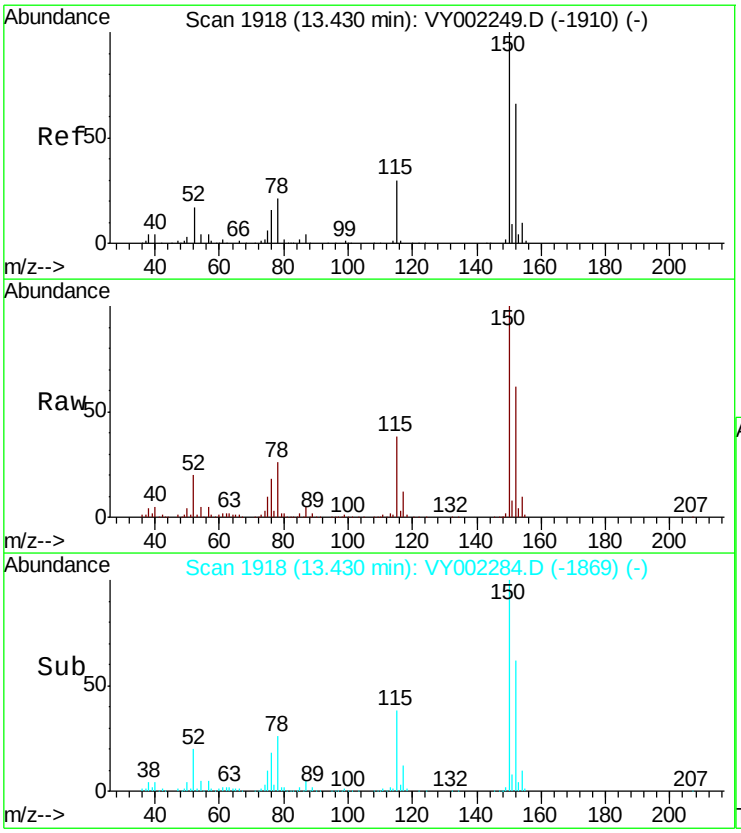
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VY002284.D
Acq: 13 Apr 2020 16:46

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 275997

Ion	Ratio	Lower	Upper
117	100		
82	55.8	44.2	66.4
119	32.2	25.1	37.7

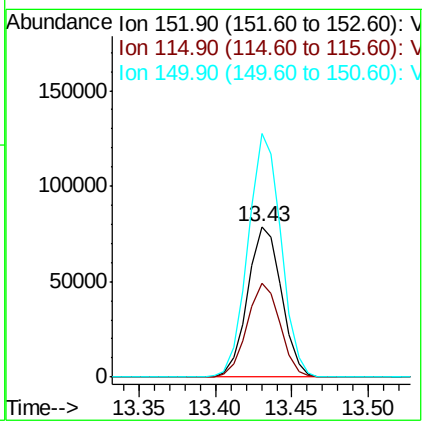


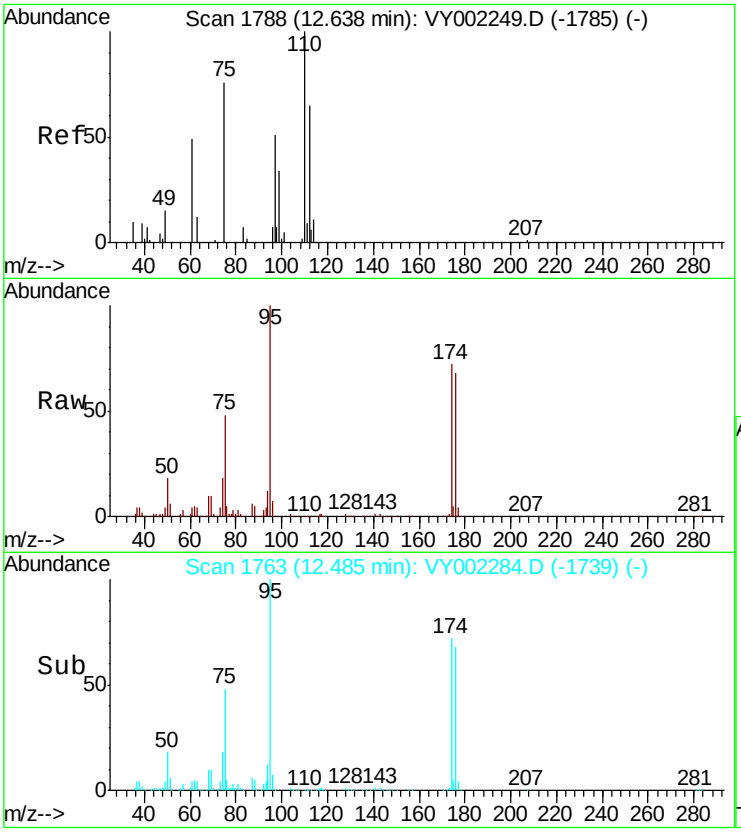


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VY002284.D
Acq: 13 Apr 2020 16:46

Tgt Ion:152 Resp: 121269

Ion	Ratio	Lower	Upper
152	100		
115	60.9	30.7	92.1
150	157.9	0.0	350.6



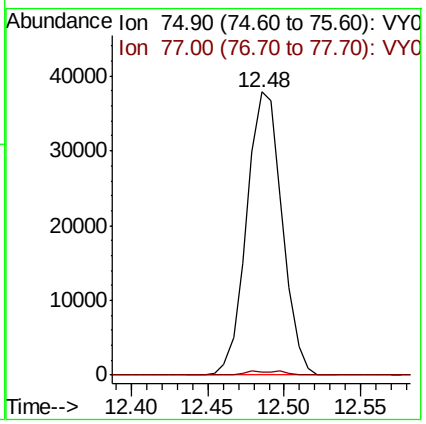


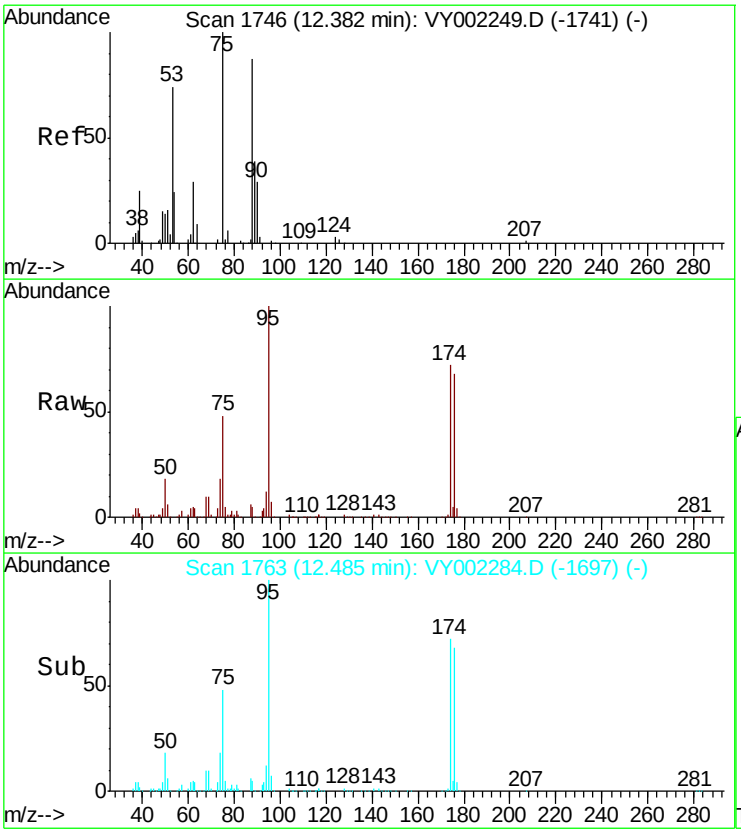
#76
1,2,3-Trichloropropane
Concen: 43.289 ug/l
RT: 12.48 min Scan# 1763
Delta R.T. -0.15 min
Lab File: VY002284.D
Acq: 13 Apr 2020 16:46

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 60959

Ion	Ratio	Lower	Upper
75	100		
77	1.5	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 84.196 ug/l
RT: 12.48 min Scan# 1763
Delta R.T. 0.10 min
Lab File: VY002284.D
Acq: 13 Apr 2020 16:46

Tgt Ion: 75 Resp: 60959

Ion	Ratio	Lower	Upper
75	100		
53	0.0	59.8	89.8#
89	0.2	37.0	55.6#