Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY040120\
Data File : VY002163.D
Acq On : 01 Apr 2020 15:19
Operator : SY/MD
Sample : L2100-03
Misc : 9.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Time: Apr 02 06:23:04 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 07:11:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	118358	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	231669	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	215489	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	94333	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	73093	55.86	ug/l	0.00
Spiked Amount 50.000			Recovery = 111.72%			
35) Dibromofluoromethane	7.74	113	67955	52.35	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.70%			
50) Toluene-d8	10.19	98	284452	52.75	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.50%			
62) 4-Bromofluorobenzene	12.49	95	95623	50.70	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.40%			
Target Compounds						Qvalue
16) Acetone	3.98	43	1141	3.104	ug/l #	78
20) Methylene Chloride	4.74	84	6003	Below Cal		96
36) 1,1-Dichloropropene	7.81	75	10162	4.638	ug/l #	50
38) Carbon Tetrachloride	7.81	117	12051	6.482	ug/l #	18
76) 1,2,3-Trichloropropane	12.49	75	49760	47.157	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	49760	91.359	ug/l #	17

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

Quantitation Report (Not Reviewed)

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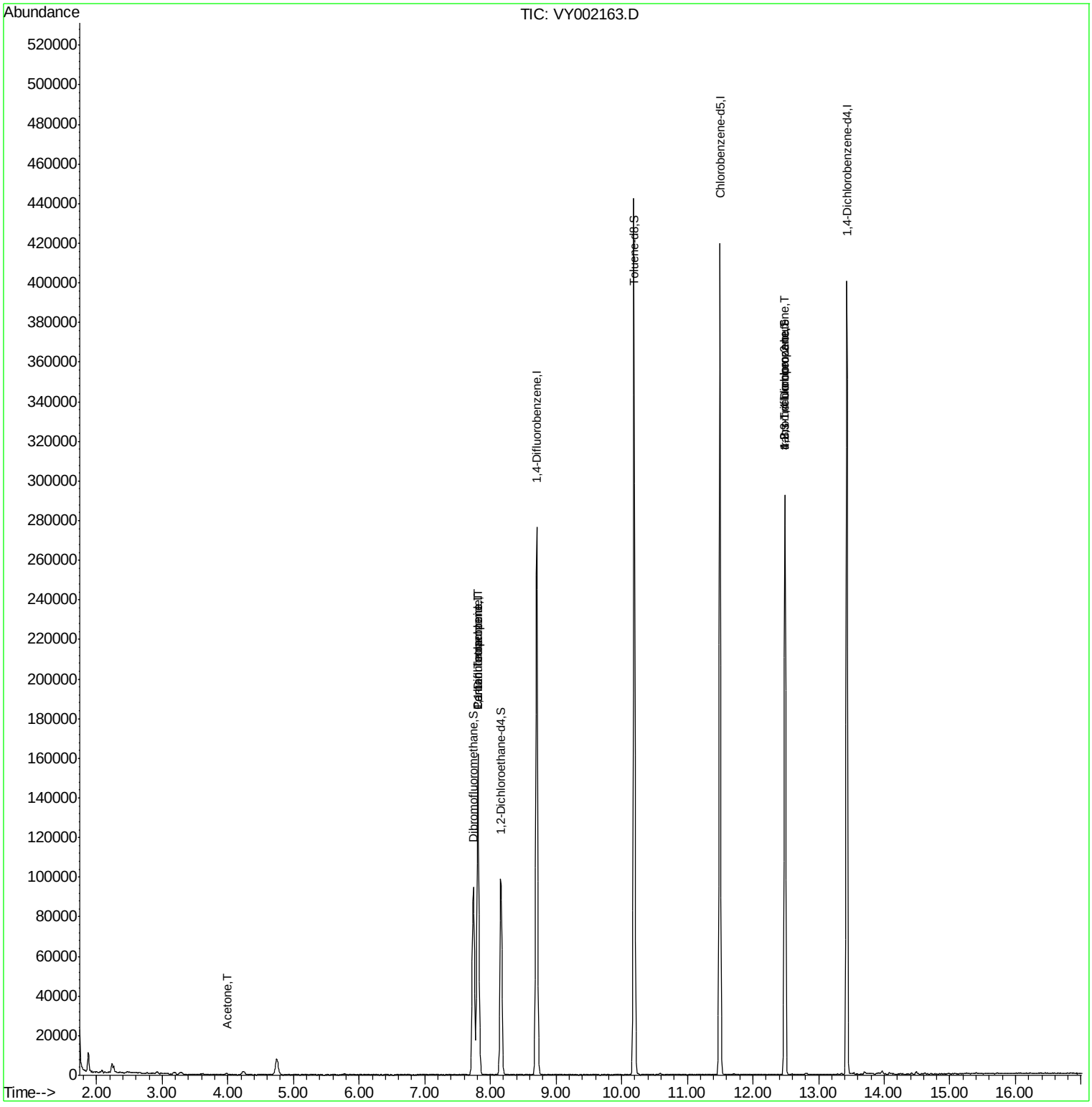
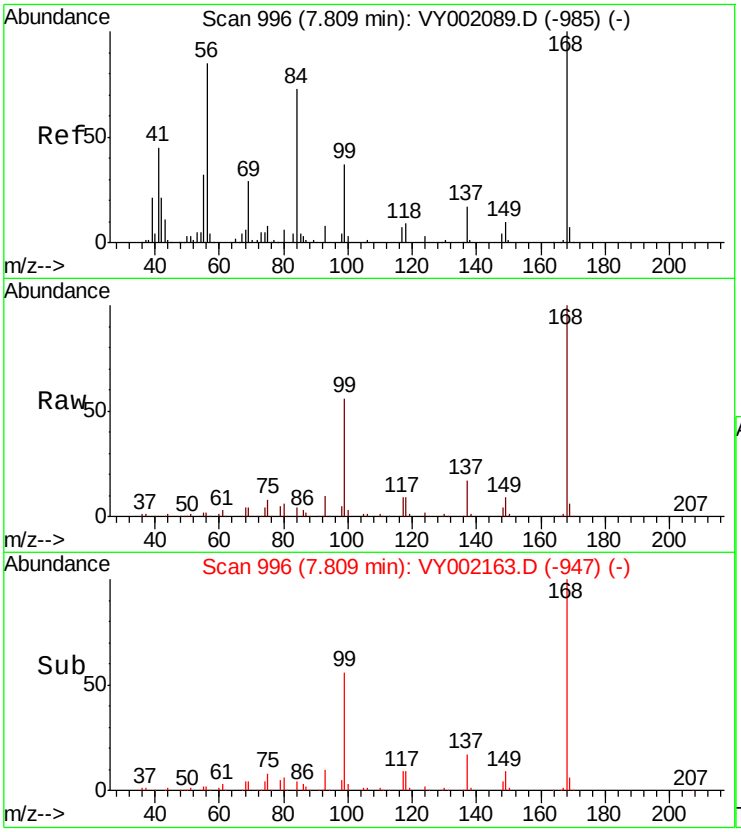


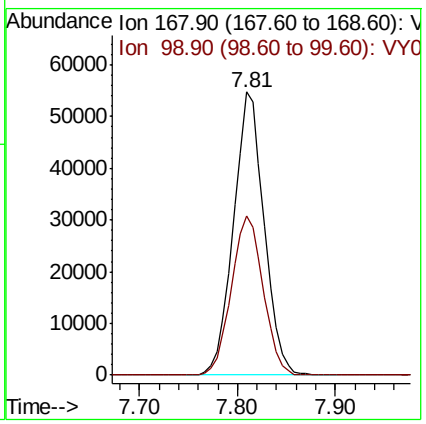


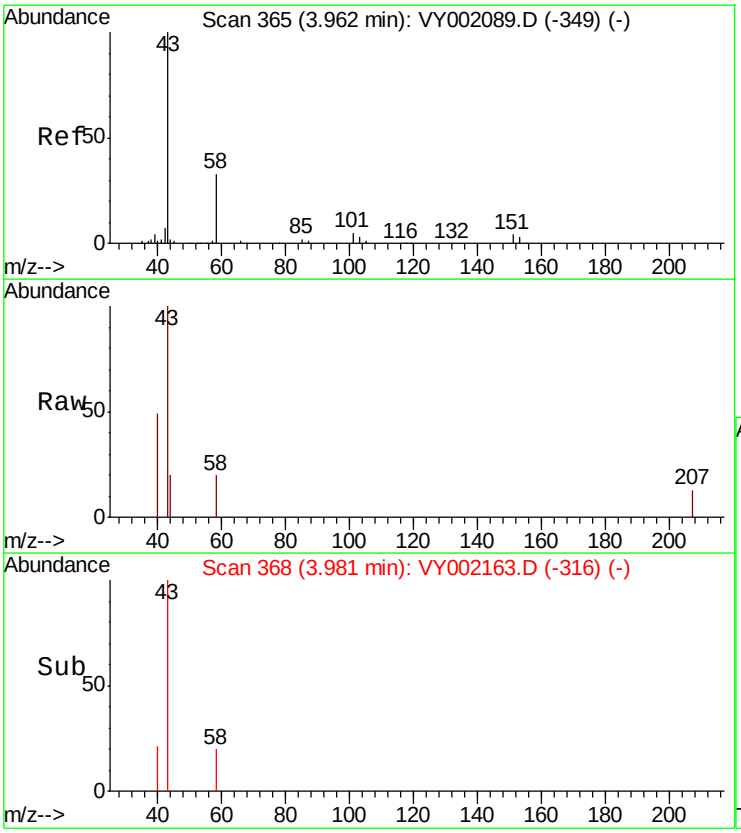
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.81 min Scan# 996
Delta R.T. 0.00 min
Lab File: VY002163.D
Acq: 01 Apr 2020 15:19

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 118358

Ion	Ratio	Lower	Upper
168	100		
99	56.3	47.6	71.4

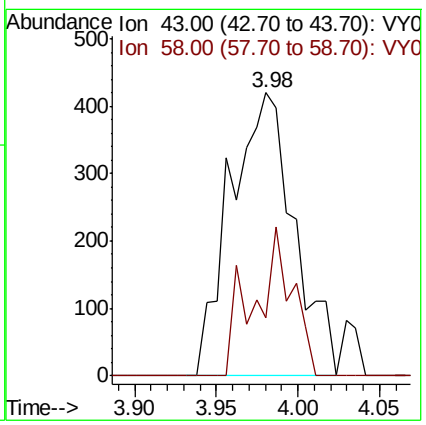


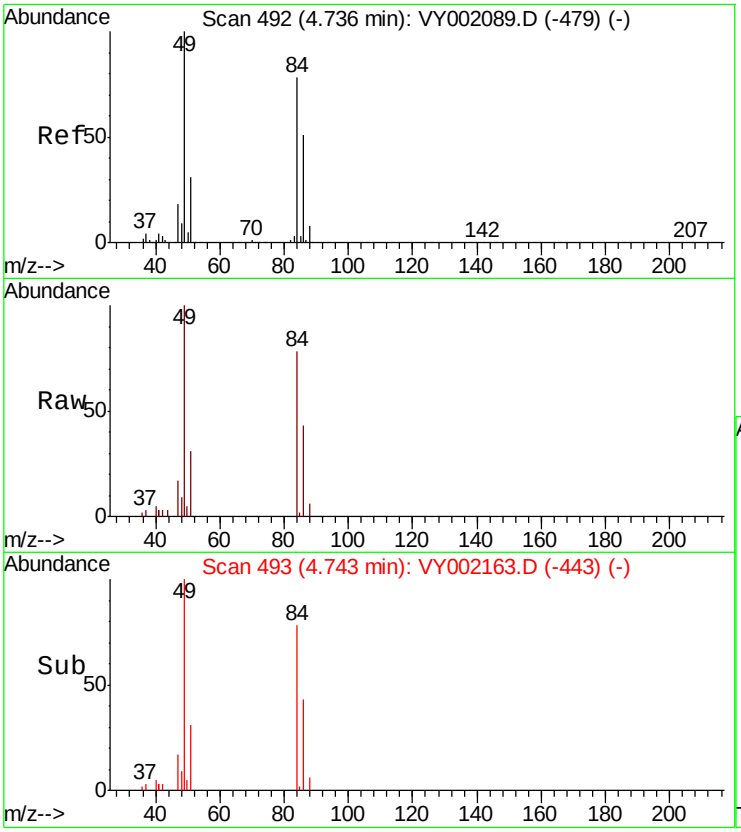


#16
Acetone
Concen: 3.104 ug/l
RT: 3.98 min Scan# 368
Delta R.T. 0.02 min
Lab File: VY002163.D
Acq: 01 Apr 2020 15:19

Tgt Ion: 43 Resp: 1141

Ion	Ratio	Lower	Upper
43	100		
58	20.2	26.3	39.5#



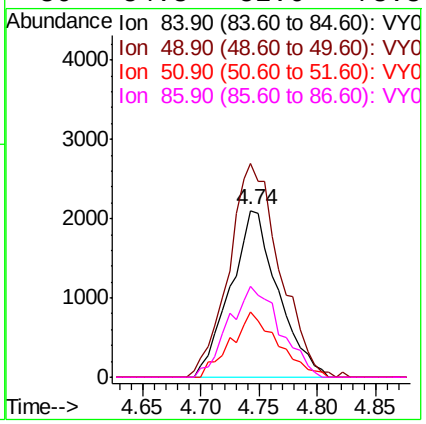


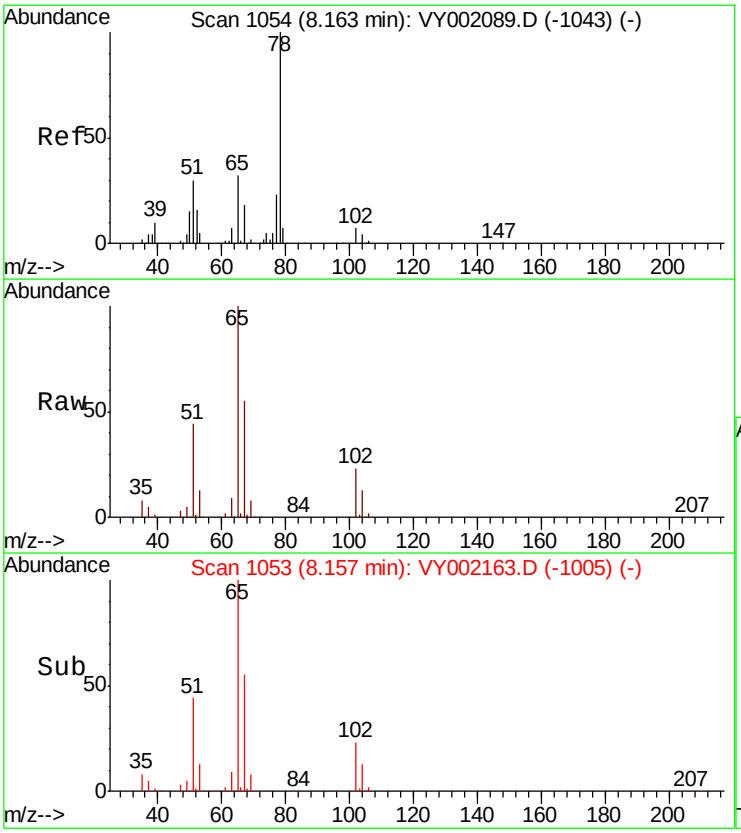
#20
Methylene Chloride
Concen: Below Cal
RT: 4.74 min Scan# 493
Delta R.T. 0.01 min
Lab File: VY002163.D
Acq: 01 Apr 2020 15:19

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 84 Resp: 6003

Ion	Ratio	Lower	Upper
84	100		
49	128.1	102.2	153.4
51	39.4	31.2	46.8
86	54.8	52.6	78.8

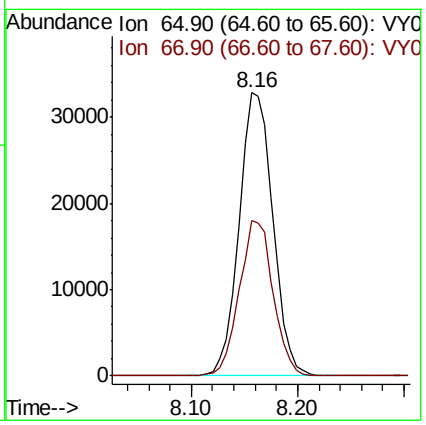


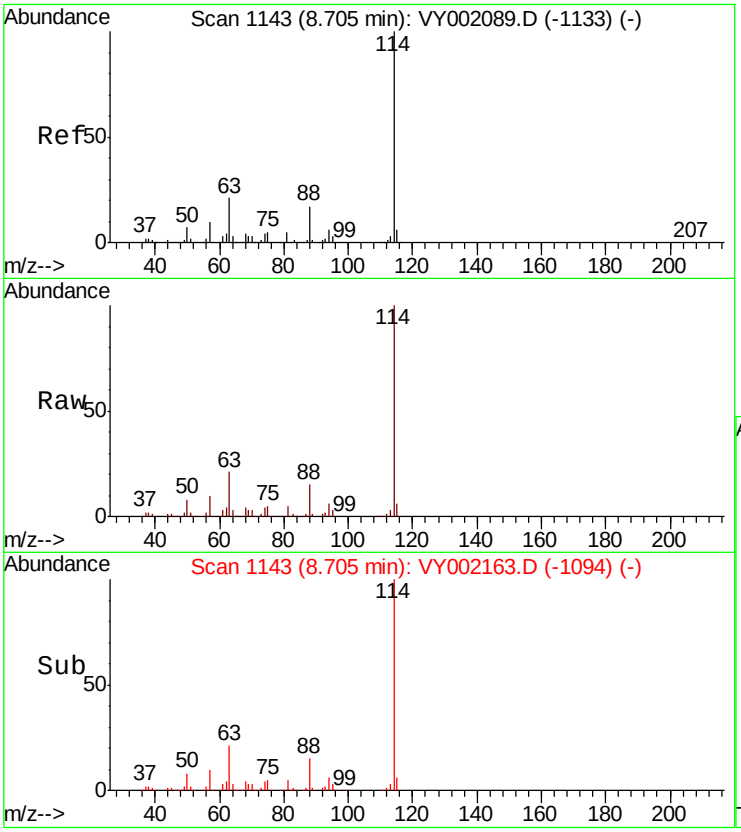


#33
1,2-Dichloroethane-d4
Concen: 55.864 ug/l
RT: 8.16 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VY002163.D
Acq: 01 Apr 2020 15:19

Tgt Ion: 65 Resp: 73093

Ion	Ratio	Lower	Upper
65	100		
67	55.0	0.0	112.8



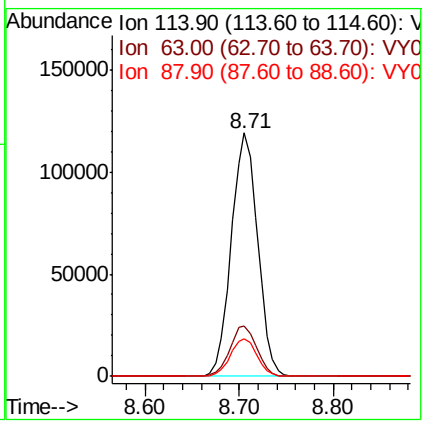


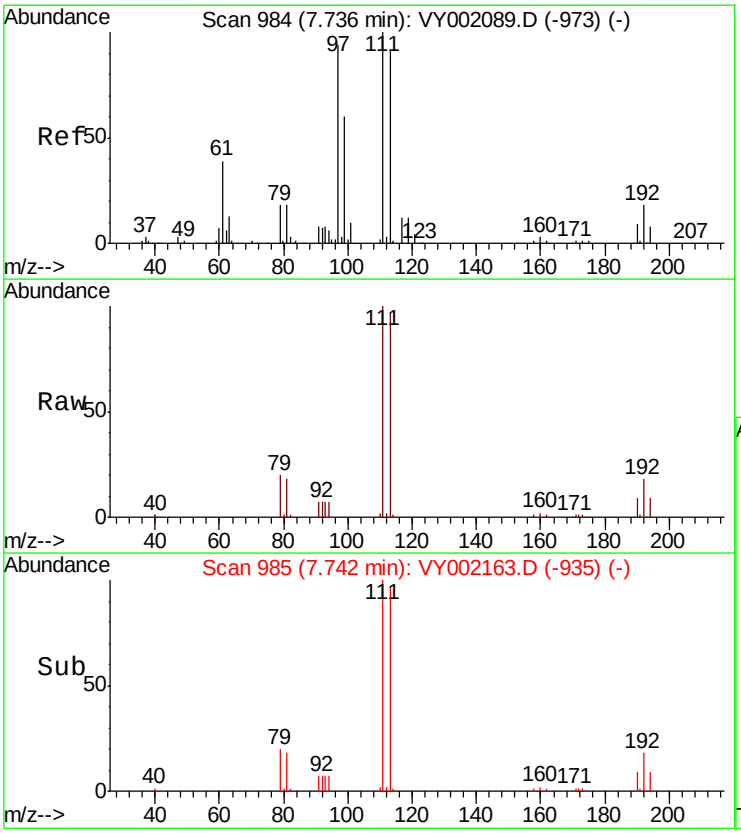
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.71 min Scan# 1143
Delta R.T. 0.00 min
Lab File: VY002163.D
Acq: 01 Apr 2020 15:19

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:114 Resp: 231669

Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	41.4
88	15.3	0.0	33.0

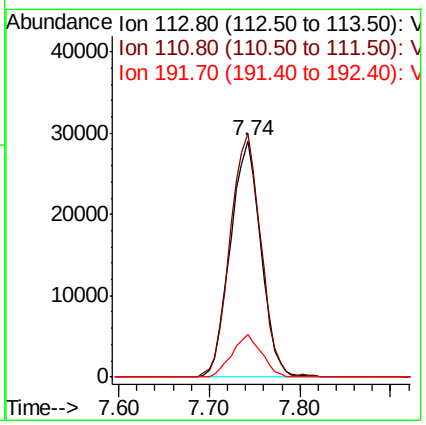


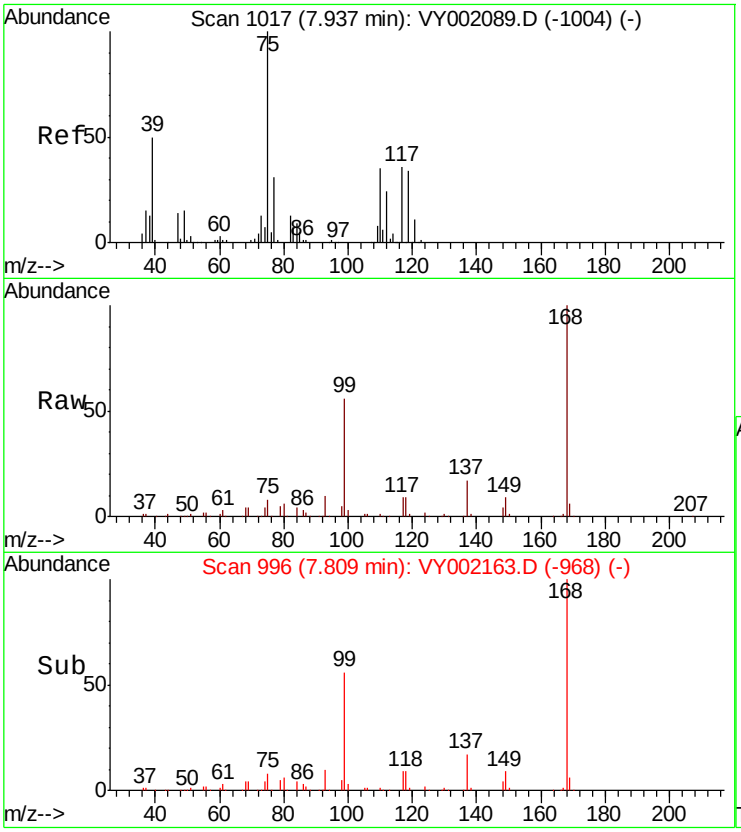


#35
Dibromofluoromethane
Concen: 52.351 ug/l
RT: 7.74 min Scan# 985
Delta R.T. 0.01 min
Lab File: VY002163.D
Acq: 01 Apr 2020 15:19

Tgt Ion:113 Resp: 67955

Ion	Ratio	Lower	Upper
113	100		
111	103.2	84.4	126.6
192	17.5	14.6	21.8



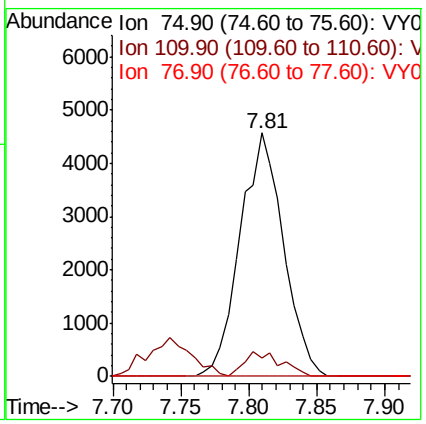


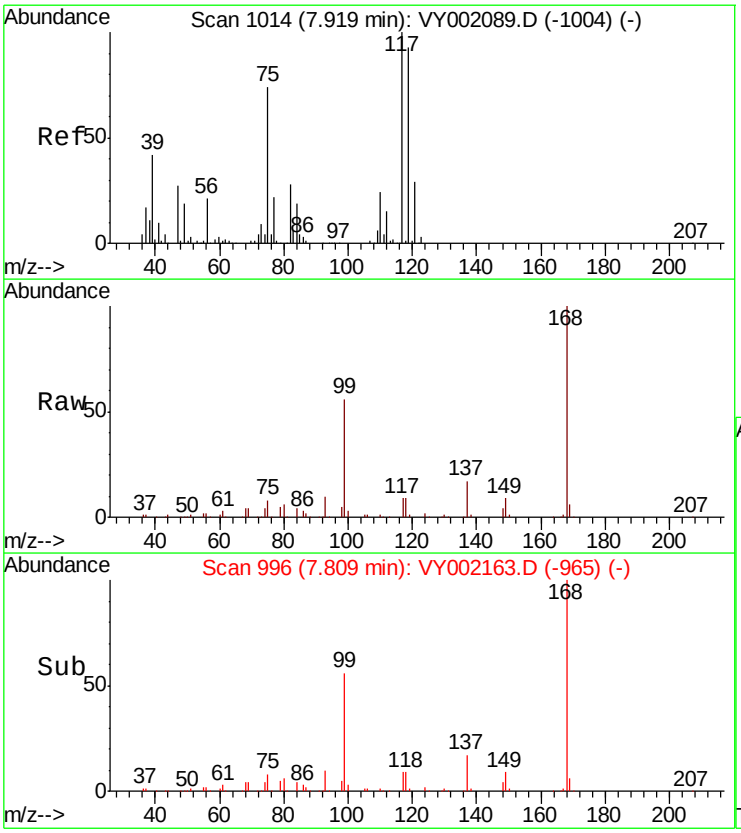
#36
1,1-Dichloropropene
Concen: 4.638 ug/l
RT: 7.81 min Scan# 996
Delta R.T. -0.13 min
Lab File: VY002163.D
Acq: 01 Apr 2020 15:19

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 10162

Ion	Ratio	Lower	Upper
75	100		
110	8.5	17.2	51.6#
77	0.0	24.7	37.1#

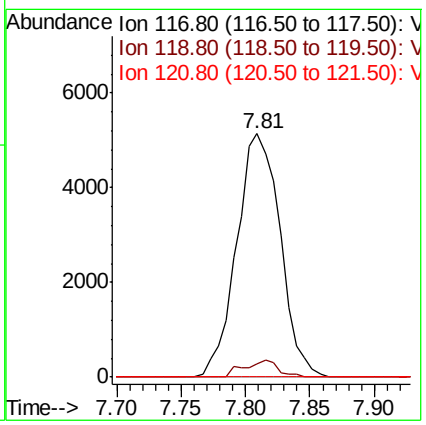


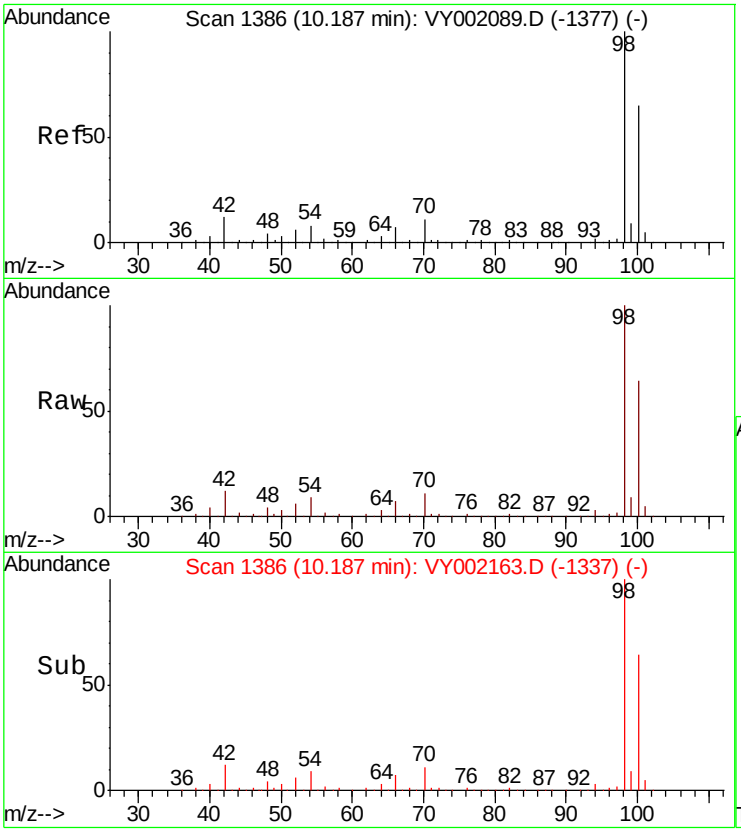


#38
Carbon Tetrachloride
Concen: 6.482 ug/l
RT: 7.81 min Scan# 996
Delta R.T. -0.11 min
Lab File: VY002163.D
Acq: 01 Apr 2020 15:19

Tgt Ion:117 Resp: 12051

Ion	Ratio	Lower	Upper
117	100		
119	5.6	74.3	111.5#
121	0.0	23.3	34.9#



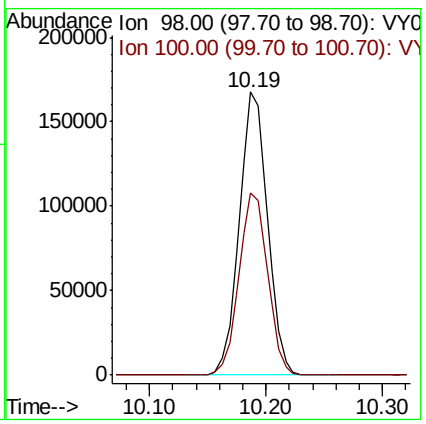


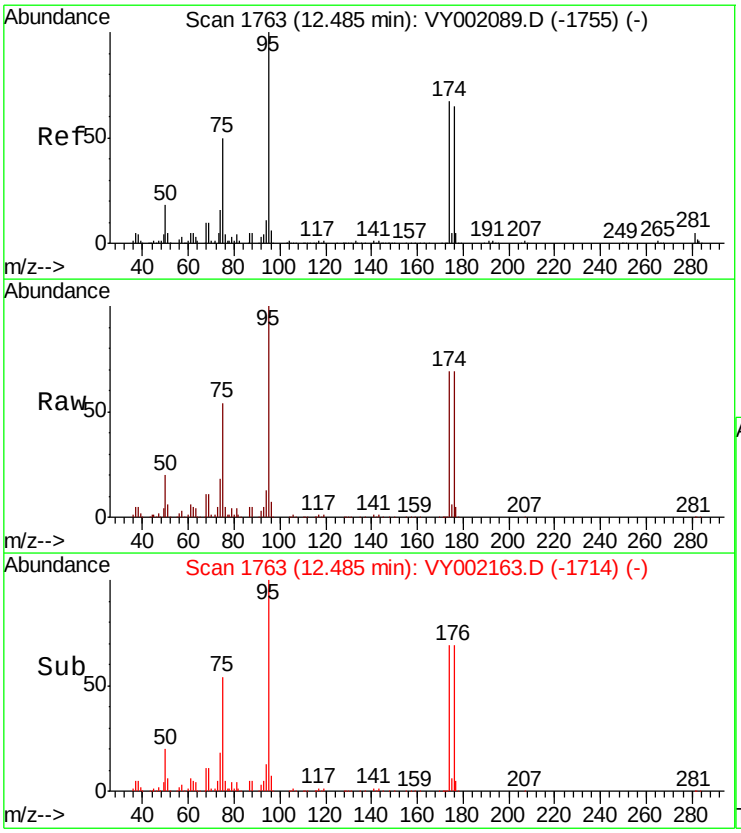
#50
Toluene-d8
Concen: 52.749 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.00 min
Lab File: VY002163.D
Acq: 01 Apr 2020 15:19

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 98 Resp: 284452

Ion	Ratio	Lower	Upper
98	100		
100	65.5	51.6	77.4

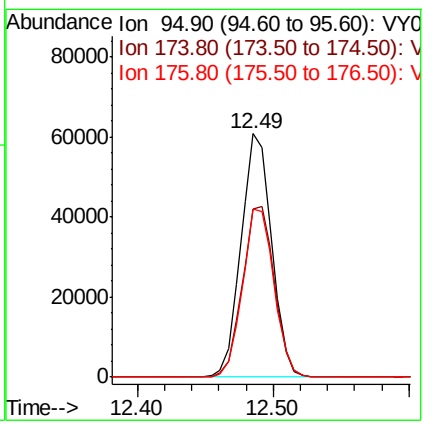


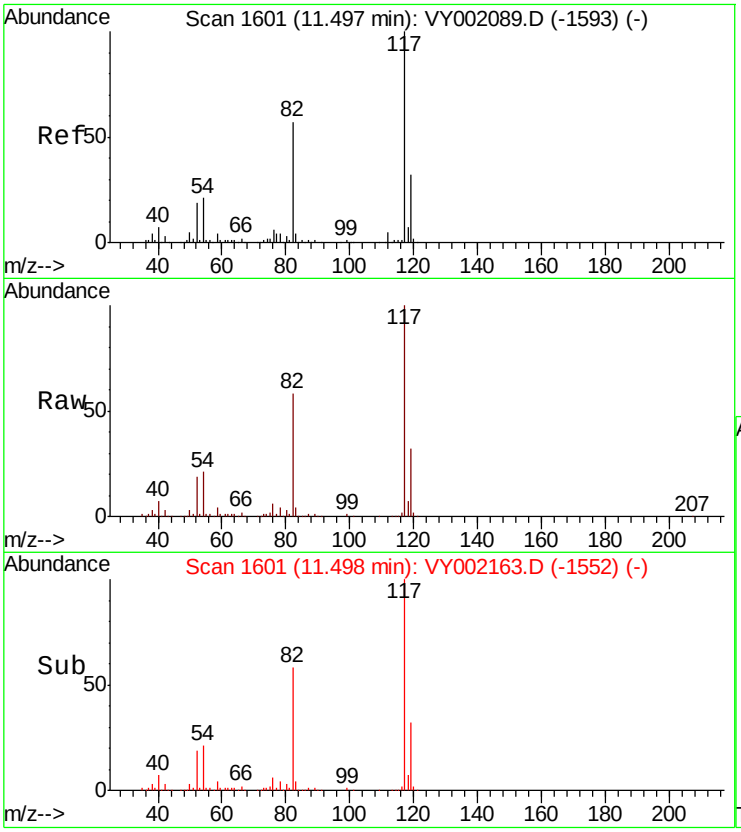


#62
4-Bromofluorobenzene
Concen: 50.703 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. 0.00 min
Lab File: VY002163.D
Acq: 01 Apr 2020 15:19

Tgt Ion: 95 Resp: 95623

Ion	Ratio	Lower	Upper
95	100		
174	73.1	0.0	143.4
176	71.0	0.0	137.0



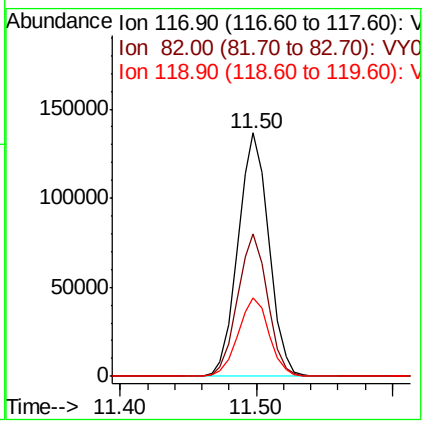


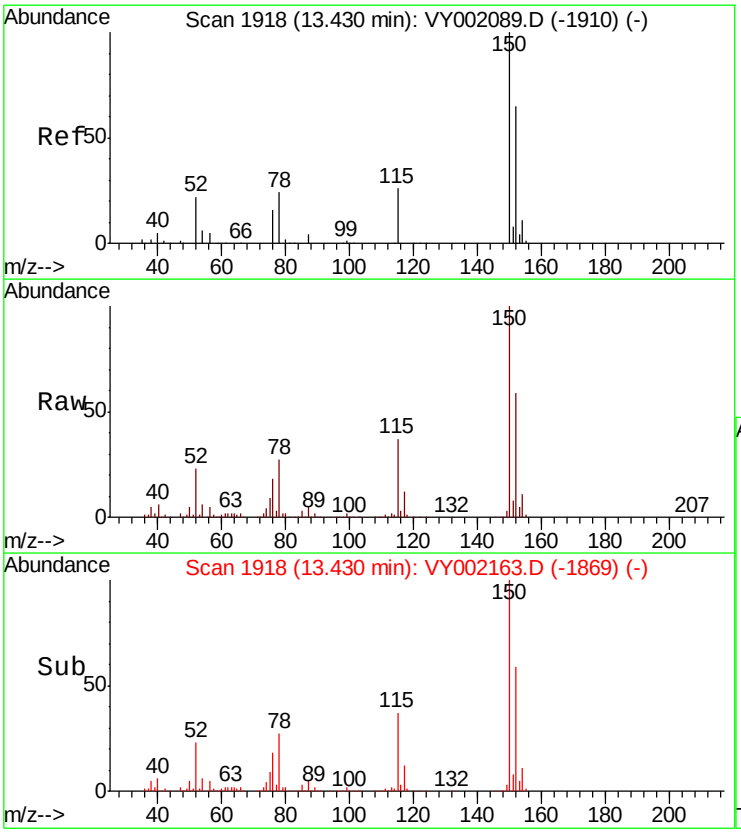
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY002163.D
Acq: 01 Apr 2020 15:19

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 215489

Ion	Ratio	Lower	Upper
117	100		
82	58.3	45.4	68.2
119	32.2	25.3	37.9

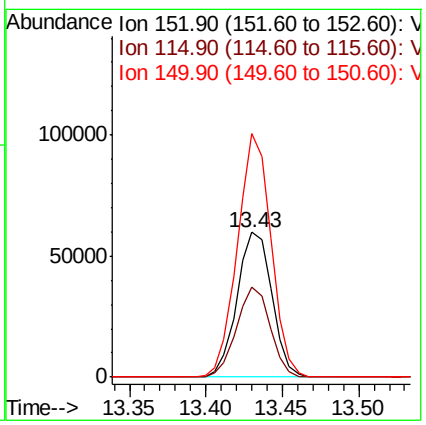


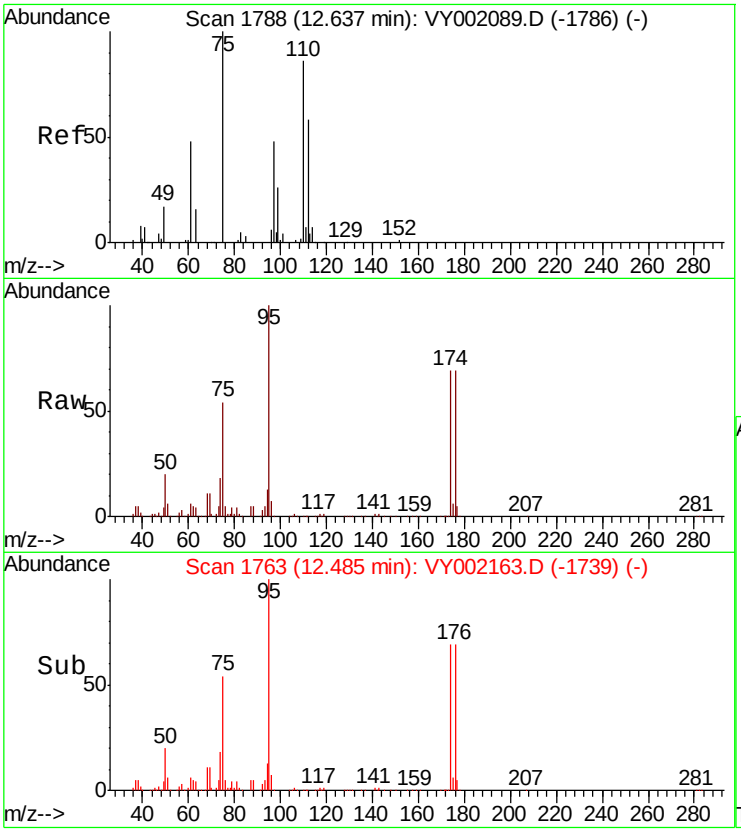


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VY002163.D
Acq: 01 Apr 2020 15:19

Tgt Ion:152 Resp: 94333

Ion	Ratio	Lower	Upper
152	100		
115	60.1	31.2	93.6
150	162.3	0.0	354.8



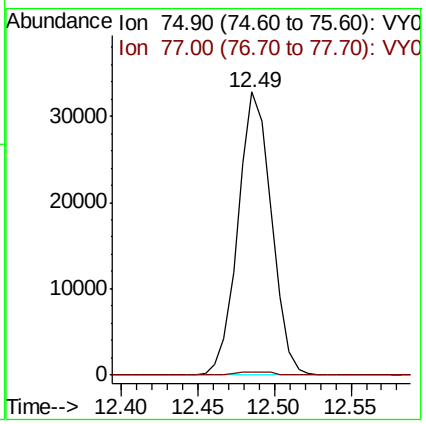


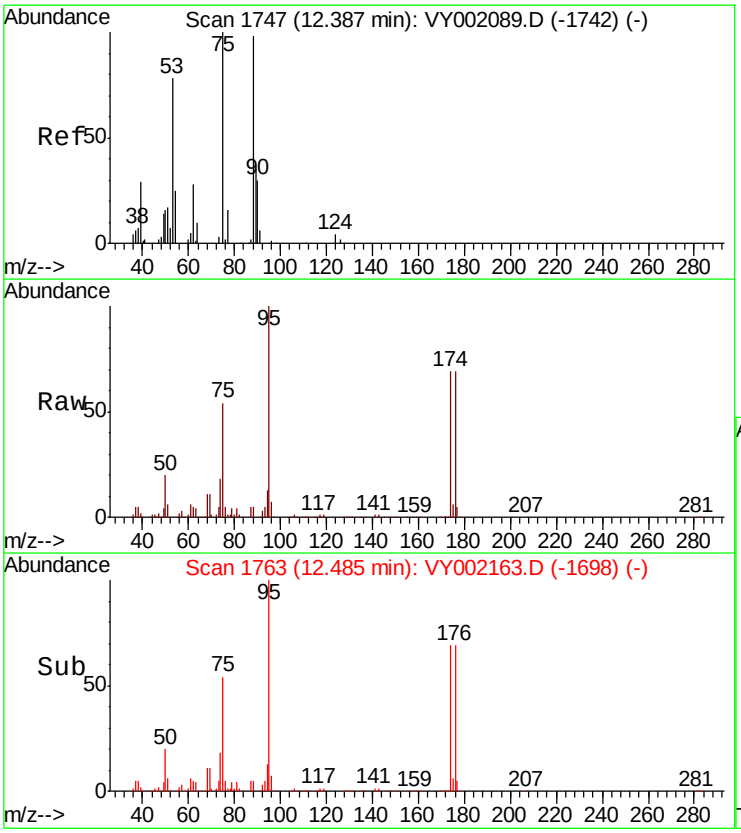
#76
1,2,3-Trichloropropane
Concen: 47.157 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.15 min
Lab File: VY002163.D
Acq: 01 Apr 2020 15:19

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 49760

Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 91.359 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. 0.10 min
Lab File: VY002163.D
Acq: 01 Apr 2020 15:19

Tgt Ion: 75 Resp: 49760

Ion	Ratio	Lower	Upper
75	100		
53	0.0	65.0	97.4#
89	0.0	33.4	50.0#