Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY051320\
Data File : VY002682.D
Acq On : 13 May 2020 14:17
Operator : SY/MD
Sample : L2636-01
Misc : 2.75G/5ML/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Time: May 14 02:55:46 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	314537	50.00	ug/l		-0.01
34) 1,4-Difluorobenzene	8.69	114	490817	50.00	ug/l		-0.01
63) Chlorobenzene-d5	11.49	117	443486	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	216264	50.00	ug/l		-0.01
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.14	65	130622	49.39	ug/l		-0.02
Spiked Amount 50.000			Recovery = 98.78%				
35) Dibromofluoromethane	7.72	113	145838	51.96	ug/l		-0.01
Spiked Amount 50.000			Recovery = 103.92%				
50) Toluene-d8	10.18	98	572637	52.24	ug/l		-0.01
Spiked Amount 50.000			Recovery = 104.48%				
62) 4-Bromofluorobenzene	12.48	95	185026	49.74	ug/l		-0.01
Spiked Amount 50.000			Recovery = 99.48%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.90	85	400	1.933	ug/l		96
11) Tert butyl alcohol	4.96	59	1053	3.870	ug/l	#	74
15) Acrylonitrile	5.18	53	857	1.186	ug/l	#	79
16) Acetone	3.96	43	4774	8.747	ug/l		97
20) Methylene Chloride	4.72	84	11804	3.867	ug/l		96
25) 2-Butanone	7.00	43	2173	2.432	ug/l		92
29) Tetrahydrofuran	7.36	42	1128	1.908	ug/l		94
31) Cyclohexane	7.80	56	5105	1.074	ug/l	#	1
36) 1,1-Dichloropropene	7.80	75	19594	4.762	ug/l	#	49
38) Carbon Tetrachloride	7.80	117	27925	6.216	ug/l	#	16
49) 1,4-Dioxane	9.30	88	125	5.721	ug/l	#	27
51) 4-Methyl-2-Pentanone	10.07	43	3986	1.951	ug/l		96
76) 1,2,3-Trichloropropane	12.48	75	89423	46.529	ug/l	#	100
81) trans-1,4-Dichloro-2-buten	12.48	75	89423	93.300	ug/l	#	15

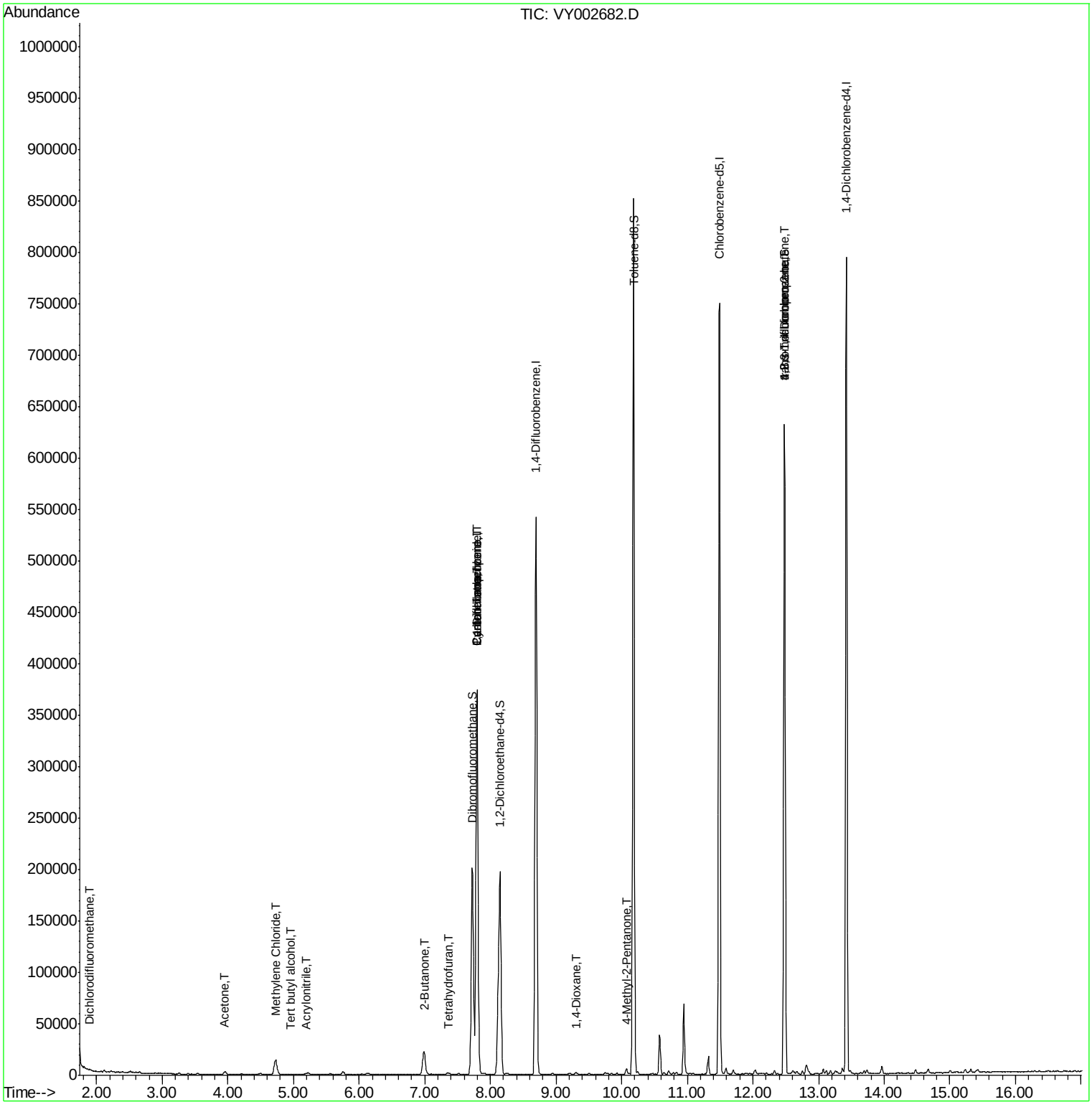
(#) = qualifier out of range (m) = manual integration (+) = signals summed

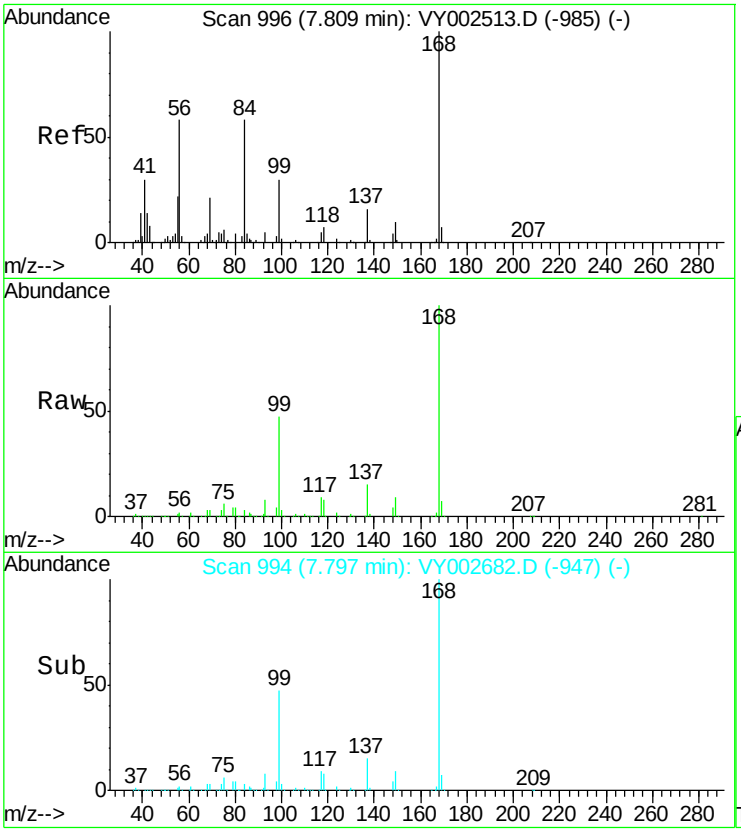
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY051320\
Data File : VY002682.D
Acq On : 13 May 2020 14:17
Operator : SY/MD
Sample : L2636-01
Misc : 2.75G/5ML/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Time: May 14 02:55:46 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

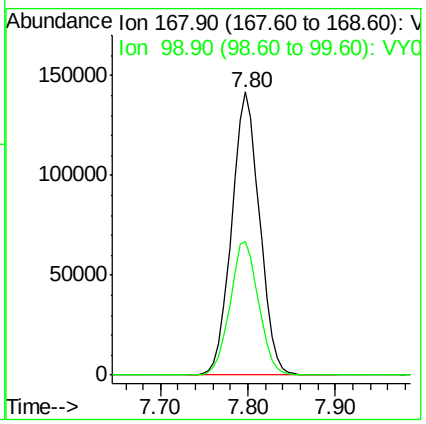




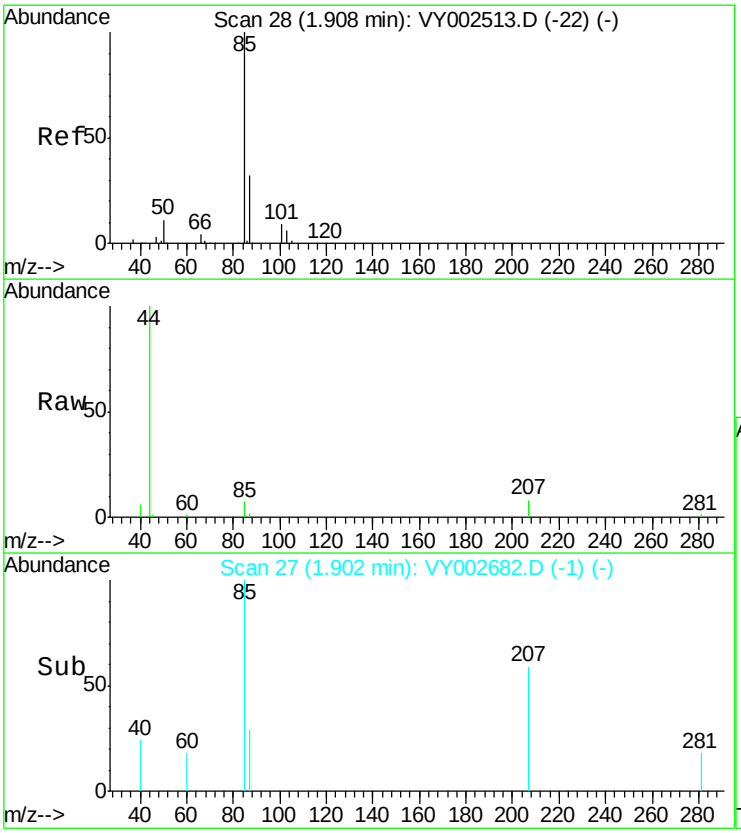
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.01 min
Lab File: VY002682.D
Acq: 13 May 2020 14:17

Tgt Ion:168 Resp: 314537

Ion	Ratio	Lower	Upper
168	100		
99	47.1	39.2	58.8



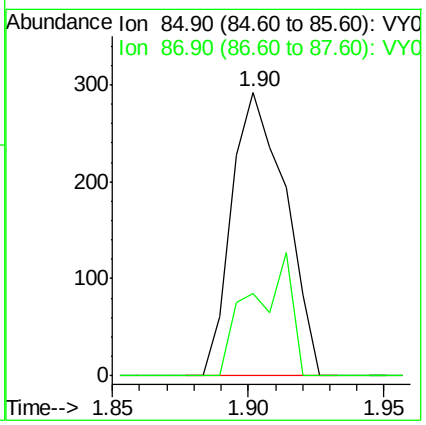
Instrument :
MSVOA_Y
ClientSampleId :

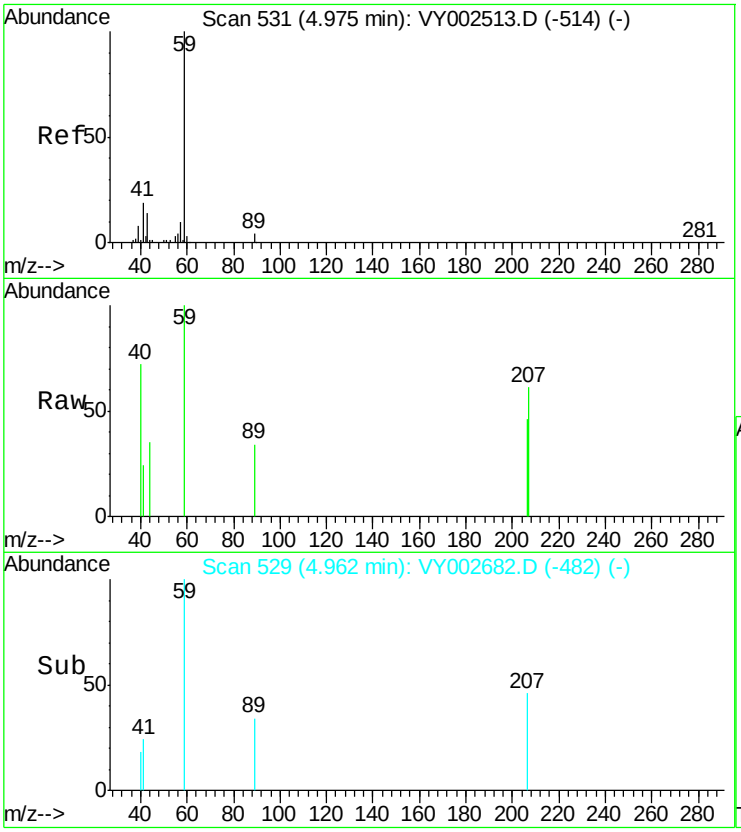


#2
Dichlorodifluoromethane
Concen: 1.933 ug/l
RT: 1.90 min Scan# 27
Delta R.T. -0.01 min
Lab File: VY002682.D
Acq: 13 May 2020 14:17

Tgt Ion: 85 Resp: 400

Ion	Ratio	Lower	Upper
85	100		
87	29.1	15.8	47.4



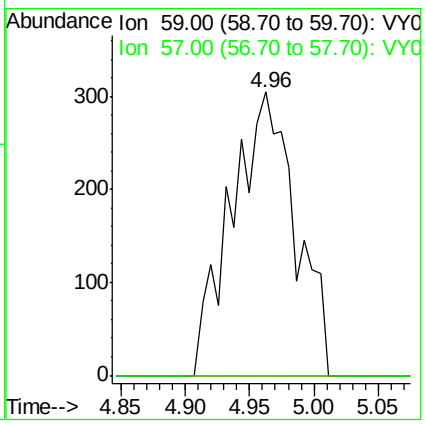


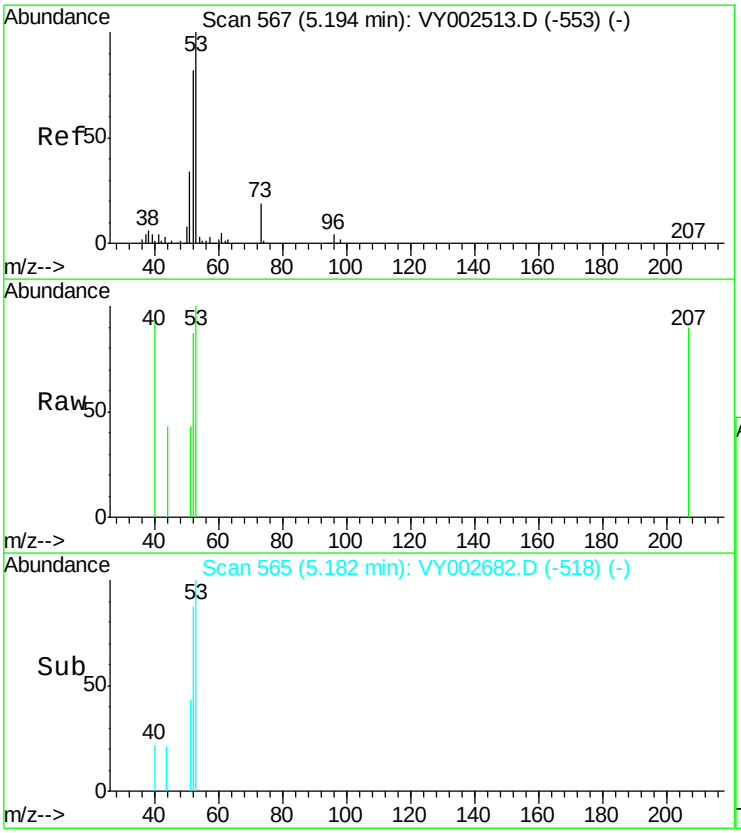
#11
Tert butyl alcohol
Concen: 3.870 ug/l
RT: 4.96 min Scan# 529
Delta R.T. -0.01 min
Lab File: VY002682.D
Acq: 13 May 2020 14:17

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 59 Resp: 1053

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.6#

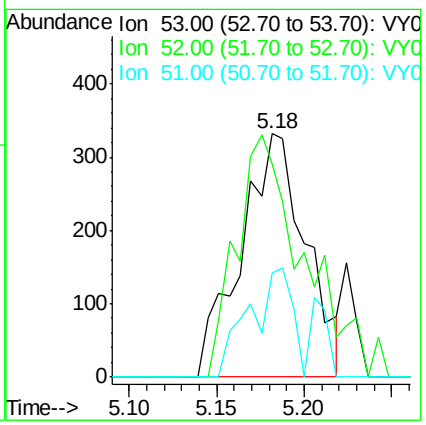


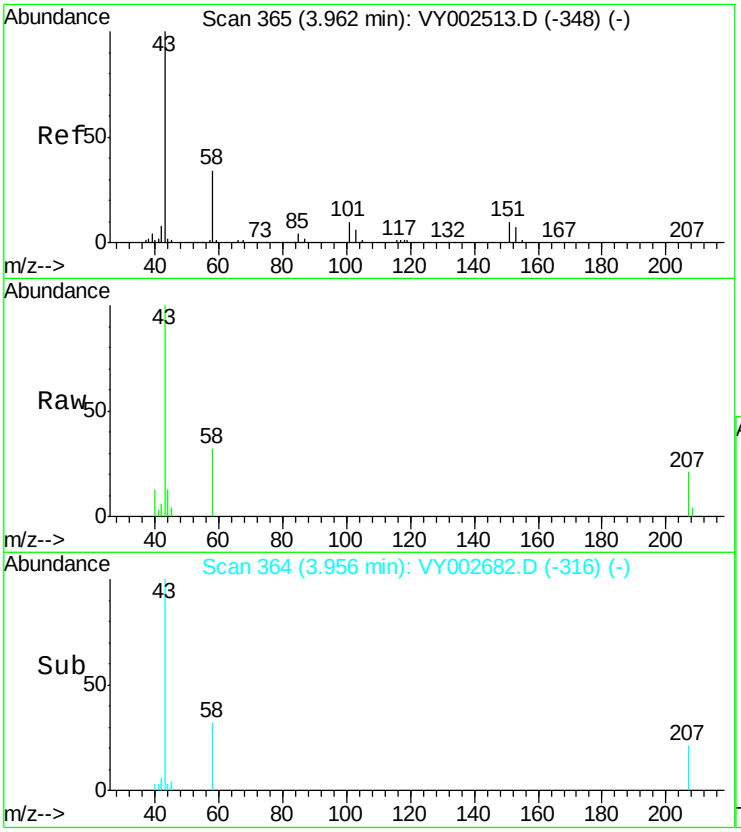


#15
Acrylonitrile
Concen: 1.186 ug/l
RT: 5.18 min Scan# 565
Delta R.T. -0.01 min
Lab File: VY002682.D
Acq: 13 May 2020 14:17

Tgt Ion: 53 Resp: 857

Ion	Ratio	Lower	Upper
53	100		
52	104.6	65.4	98.0#
51	29.3	28.7	43.1



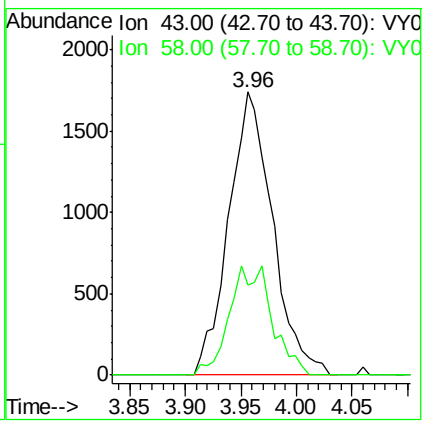


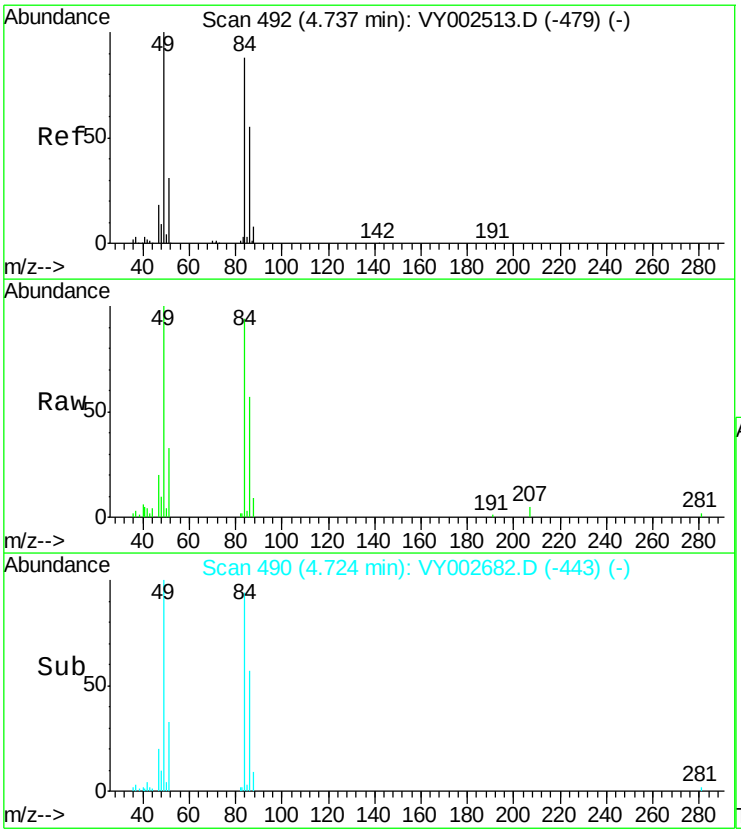
#16
Acetone
Concen: 8.747 ug/l
RT: 3.96 min Scan# 364
Delta R.T. -0.01 min
Lab File: VY002682.D
Acq: 13 May 2020 14:17

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 4774

Ion	Ratio	Lower	Upper
43	100		
58	31.7	26.9	40.3

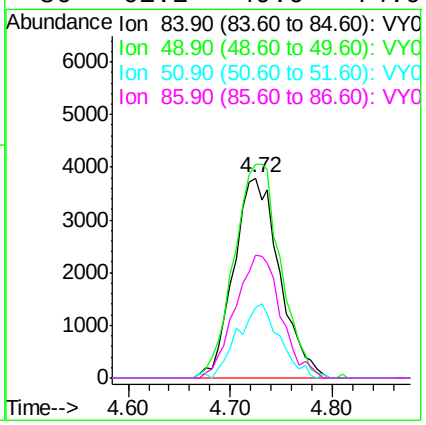


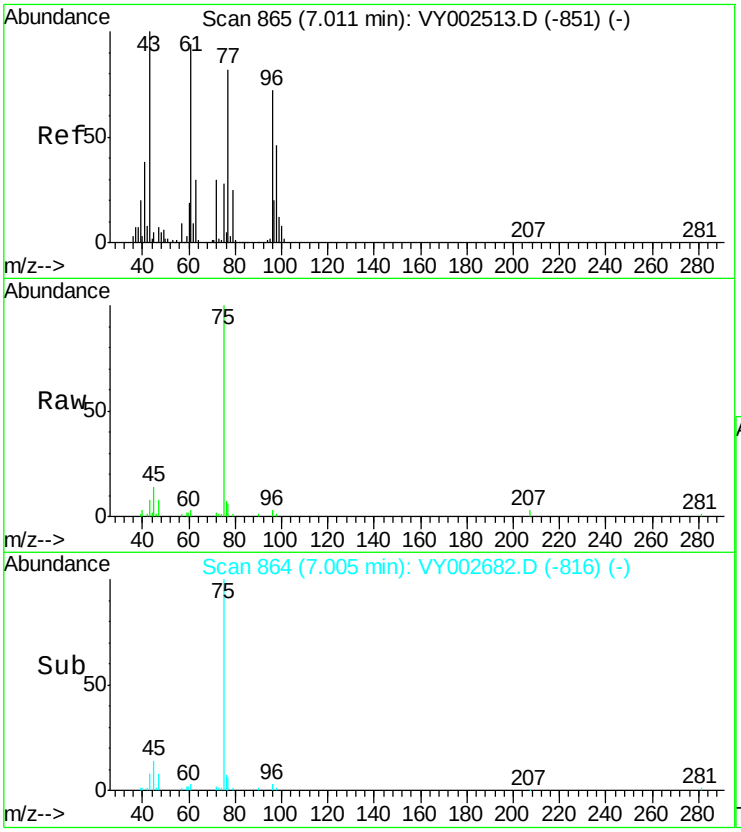


#20
Methylene Chloride
Concen: 3.867 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.01 min
Lab File: VY002682.D
Acq: 13 May 2020 14:17

Tgt Ion: 84 Resp: 11804

Ion	Ratio	Lower	Upper
84	100		
49	106.7	90.5	135.7
51	35.0	28.3	42.5
86	61.2	49.9	74.9



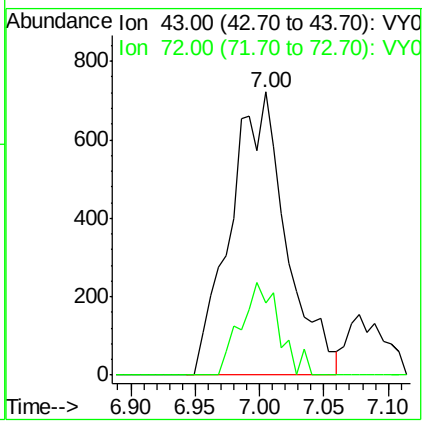


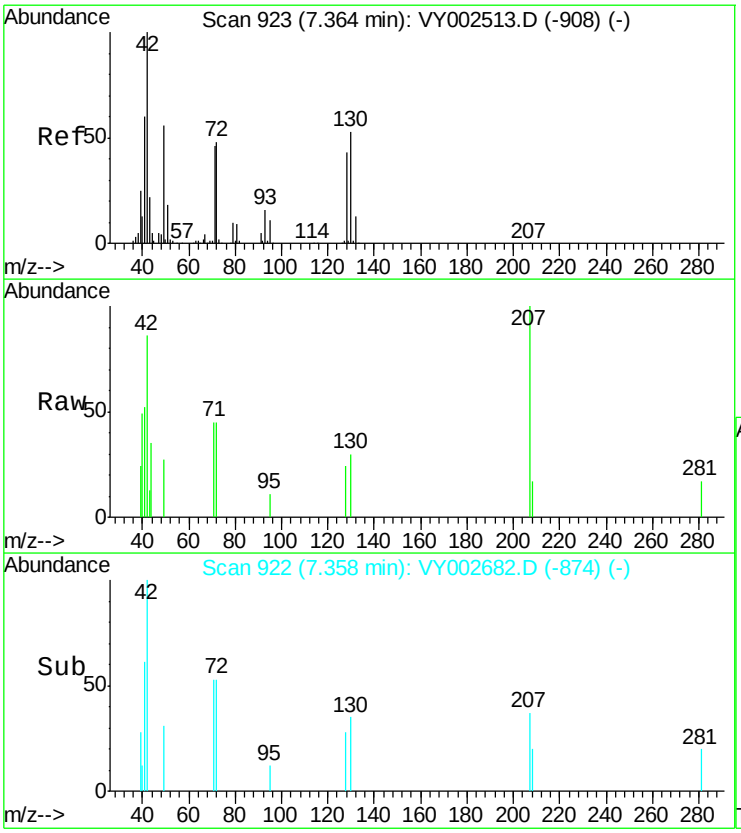
#25
2-Butanone
Concen: 2.432 ug/l
RT: 7.00 min Scan# 864
Delta R.T. -0.01 min
Lab File: VY002682.D
Acq: 13 May 2020 14:17

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 2173

Ion	Ratio	Lower	Upper
43	100		
72	25.6	24.1	36.1

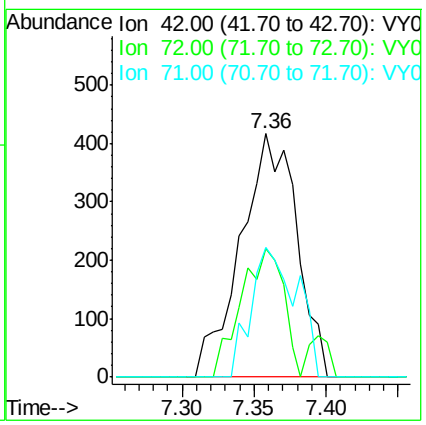


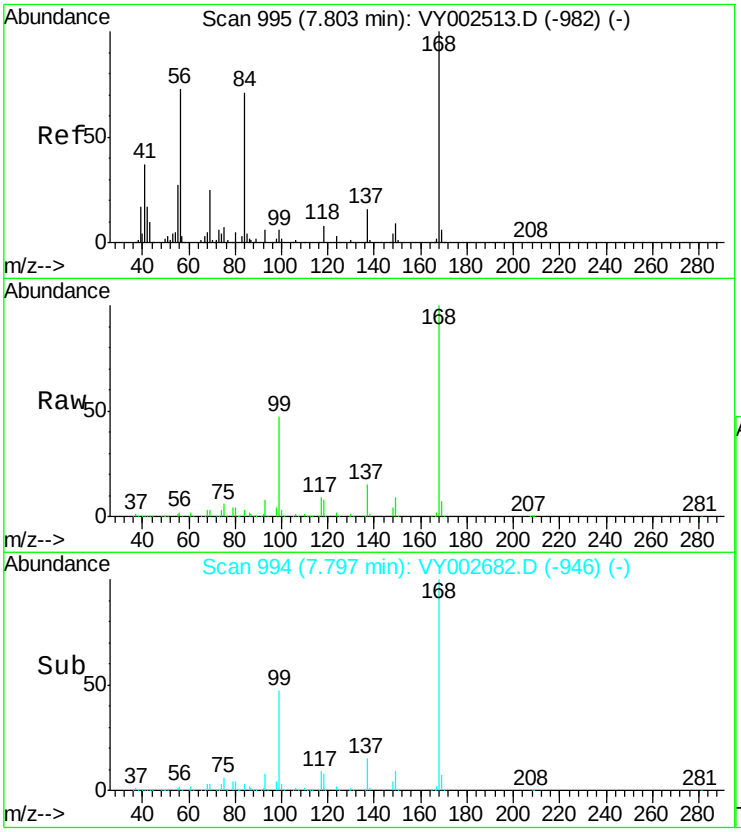


#29
Tetrahydrofuran
Concen: 1.908 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.01 min
Lab File: VY002682.D
Acq: 13 May 2020 14:17

Tgt Ion: 42 Resp: 1128

Ion	Ratio	Lower	Upper
42	100		
72	39.8	37.4	56.2
71	43.3	35.0	52.4



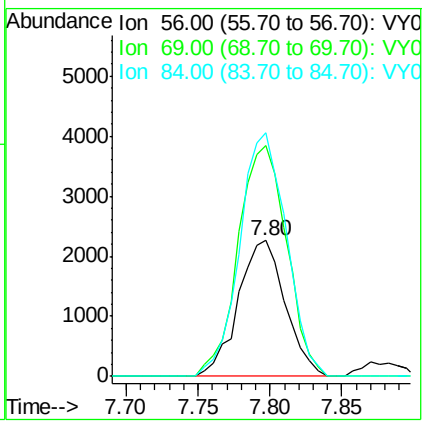


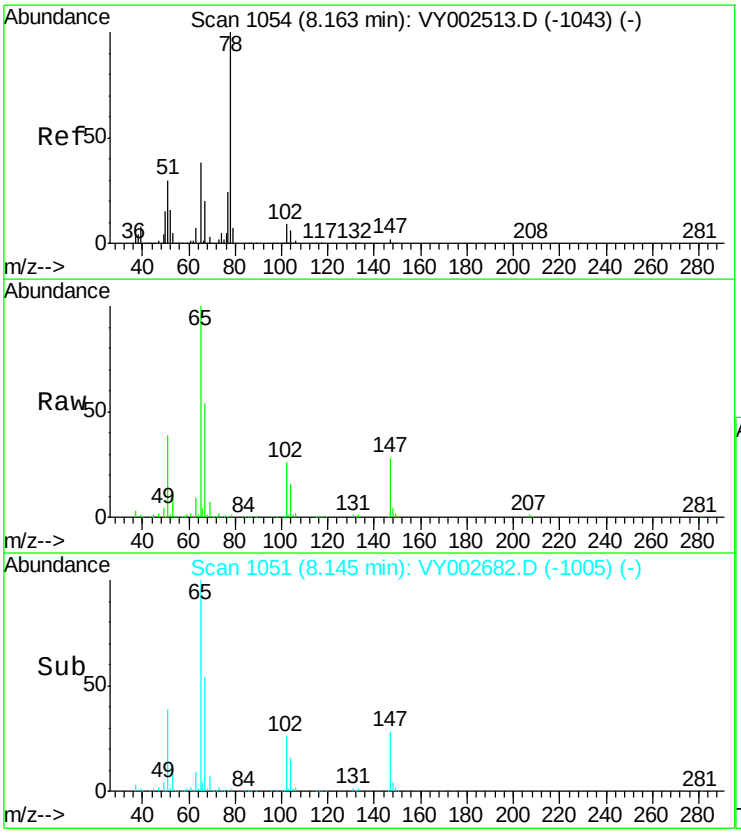
#31
Cyclohexane
Concen: 1.074 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.01 min
Lab File: VY002682.D
Acq: 13 May 2020 14:17

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 56 Resp: 5105

Ion	Ratio	Lower	Upper
56	100		
69	170.6	27.6	41.4#
84	179.5	77.7	116.5#

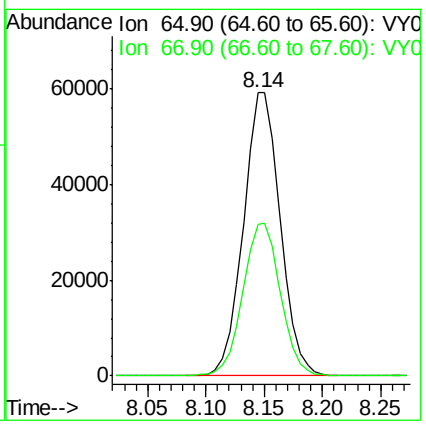


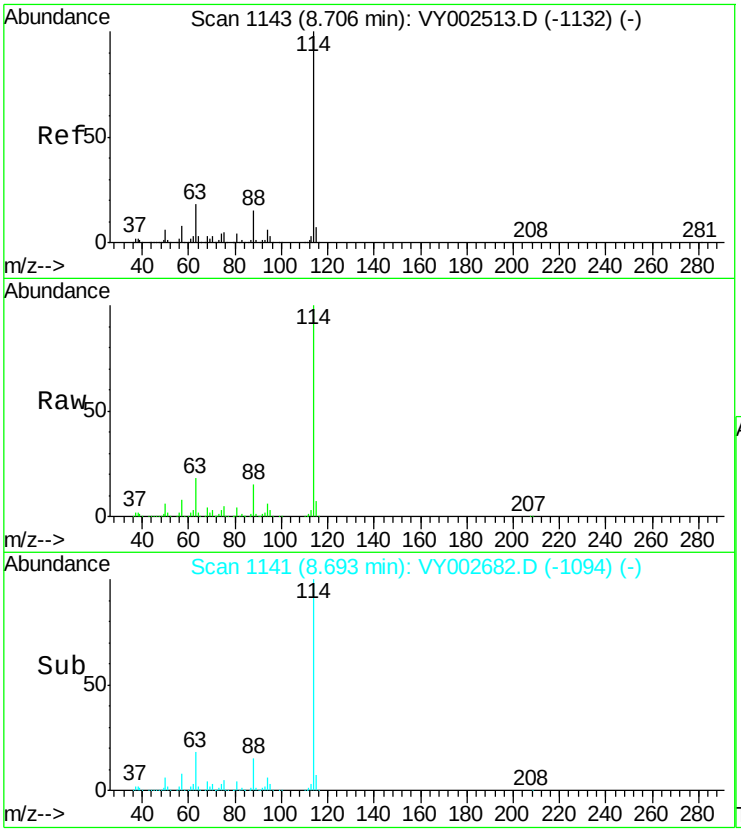


#33
1,2-Dichloroethane-d4
Concen: 49.390 ug/l
RT: 8.14 min Scan# 1051
Delta R.T. -0.02 min
Lab File: VY002682.D
Acq: 13 May 2020 14:17

Tgt Ion: 65 Resp: 130622

Ion	Ratio	Lower	Upper
65	100		
67	54.9	0.0	107.2



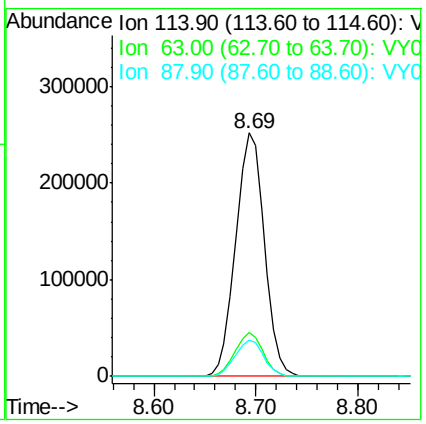


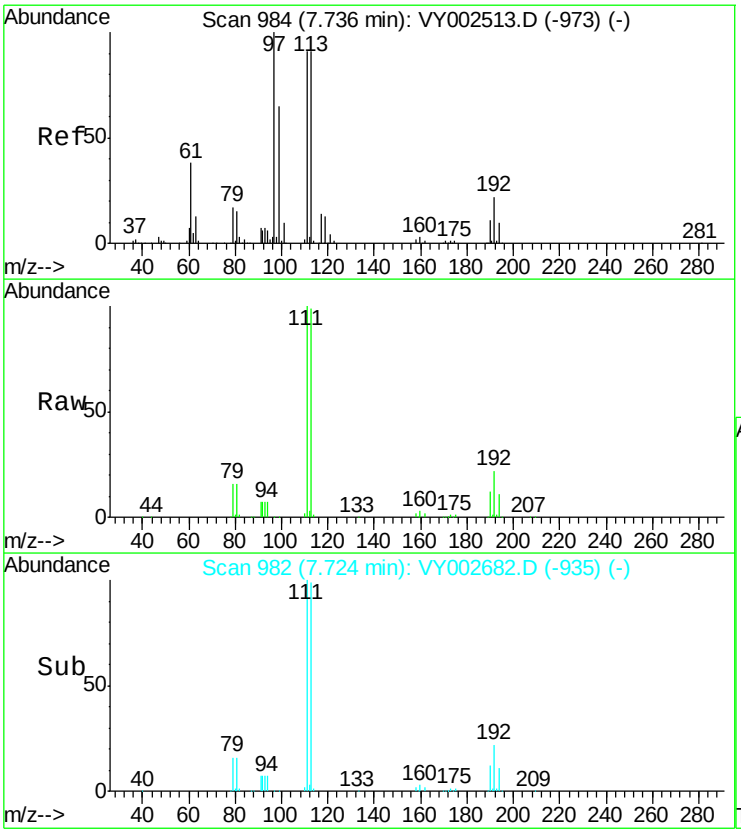
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1141
Delta R.T. -0.01 min
Lab File: VY002682.D
Acq: 13 May 2020 14:17

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:114 Resp: 490817

Ion	Ratio	Lower	Upper
114	100		
63	18.1	0.0	36.4
88	14.7	0.0	29.6

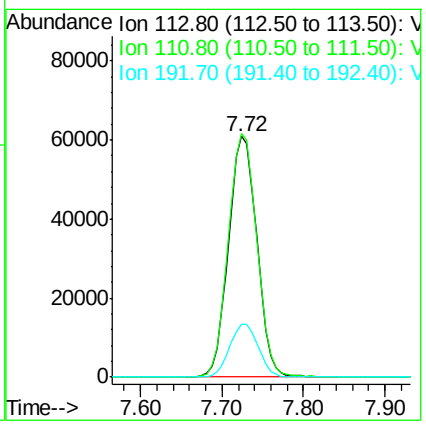


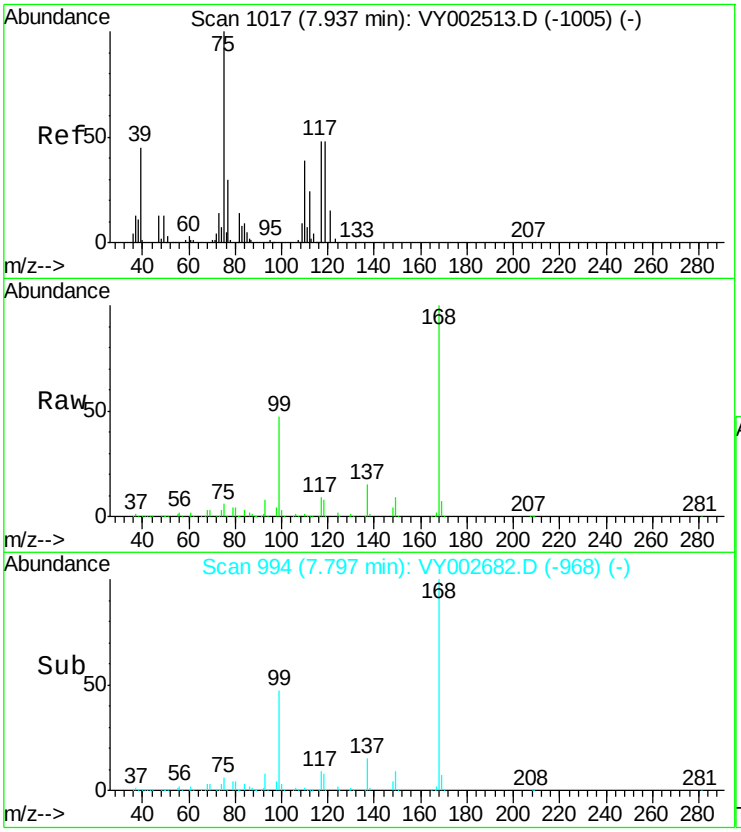


#35
Dibromofluoromethane
Concen: 51.955 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.01 min
Lab File: VY002682.D
Acq: 13 May 2020 14:17

Tgt Ion:113 Resp: 145838

Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.8	122.6
192	22.5	18.2	27.4



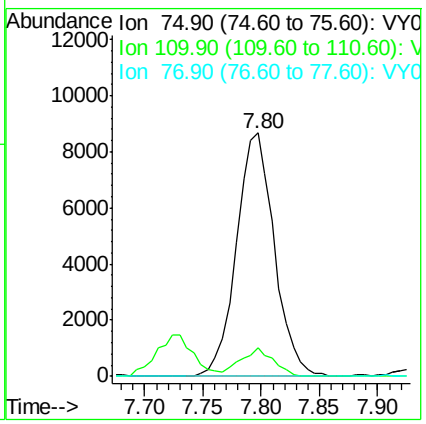


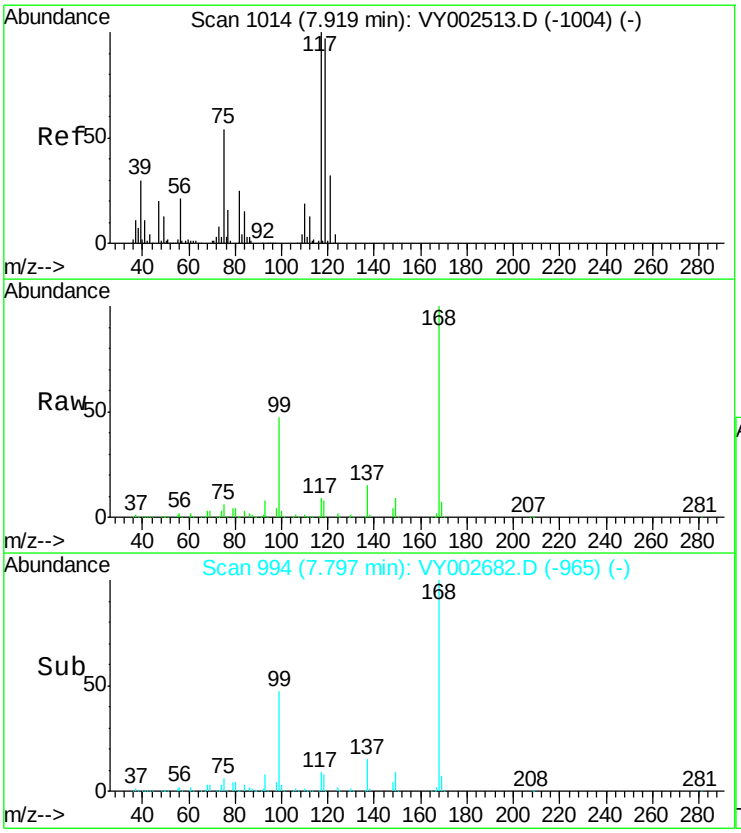
#36
1,1-Dichloropropene
Concen: 4.762 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.14 min
Lab File: VY002682.D
Acq: 13 May 2020 14:17

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 19594

Ion	Ratio	Lower	Upper
75	100		
110	9.9	19.1	57.3#
77	0.0	24.6	37.0#

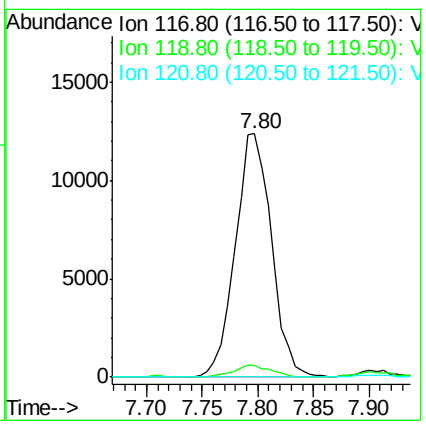


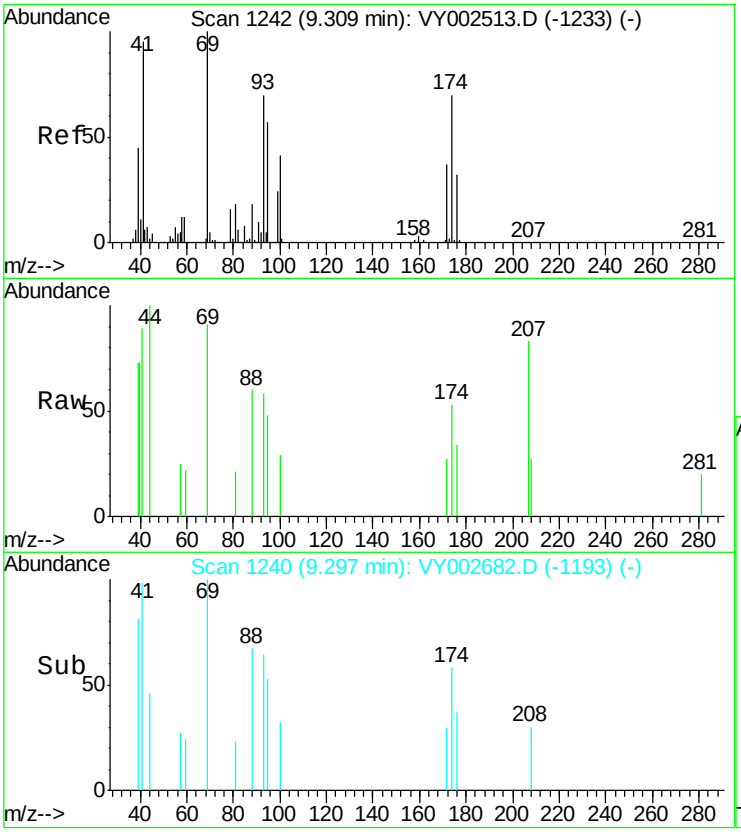


#38
Carbon Tetrachloride
Concen: 6.216 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.12 min
Lab File: VY002682.D
Acq: 13 May 2020 14:17

Tgt Ion:117 Resp: 27925

Ion	Ratio	Lower	Upper
117	100		
119	4.9	77.1	115.7#
121	0.0	25.2	37.8#



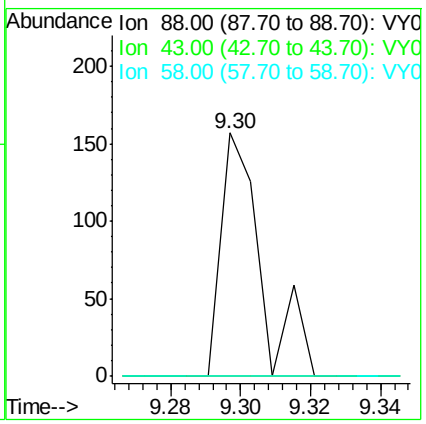


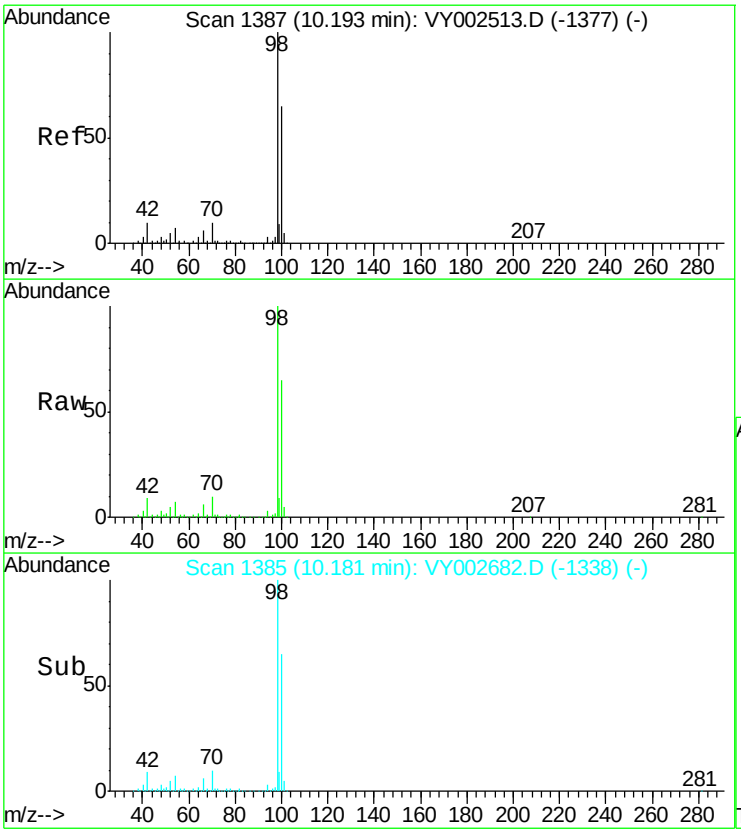
#49
1,4-Dioxane
Concen: 5.721 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VY002682.D
Acq: 13 May 2020 14:17

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 88 Resp: 125

Ion	Ratio	Lower	Upper
88	100		
43	0.0	22.8	34.2#
58	0.0	51.4	77.2#

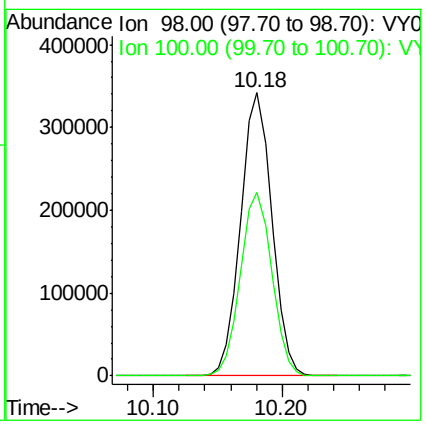


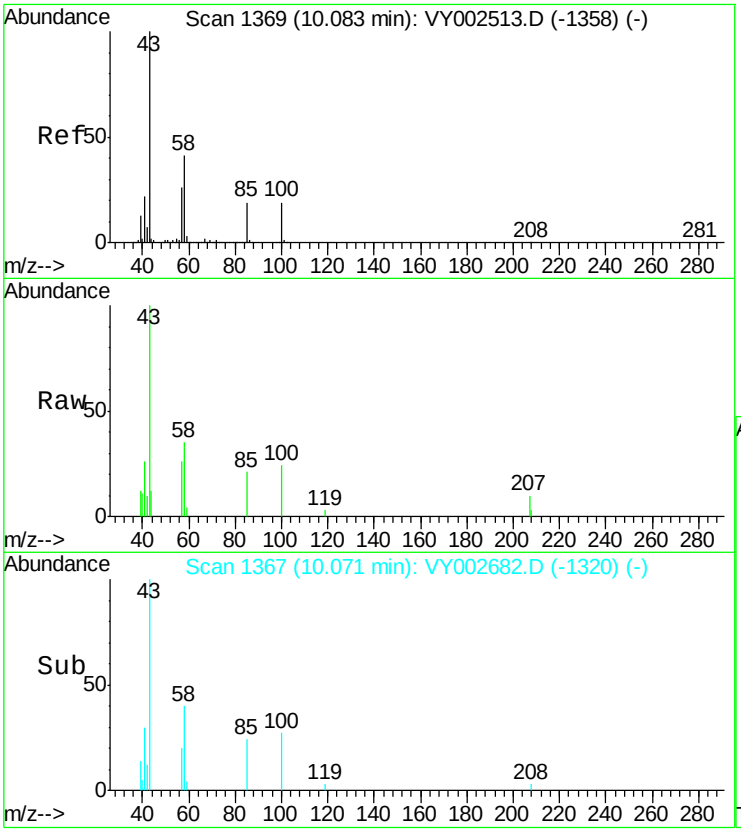


#50
Toluene-d8
Concen: 52.240 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.01 min
Lab File: VY002682.D
Acq: 13 May 2020 14:17

Tgt Ion: 98 Resp: 572637

Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.2	78.2



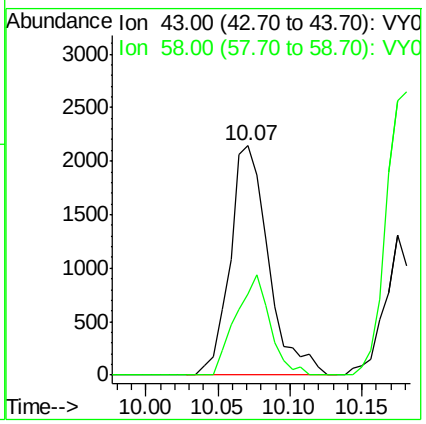


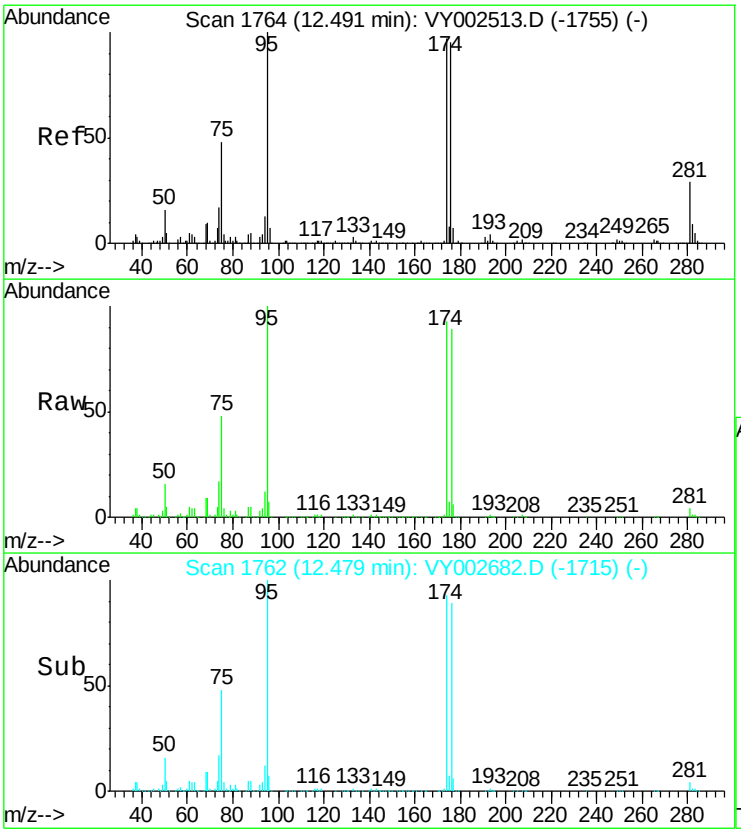
#51
4-Methyl-2-Pentanone
Concen: 1.951 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VY002682.D
Acq: 13 May 2020 14:17

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 3986

Ion	Ratio	Lower	Upper
43	100		
58	38.8	33.2	49.8

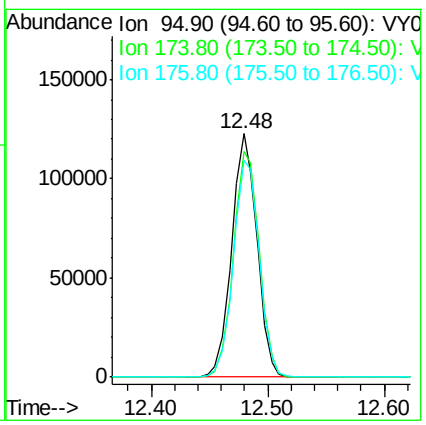


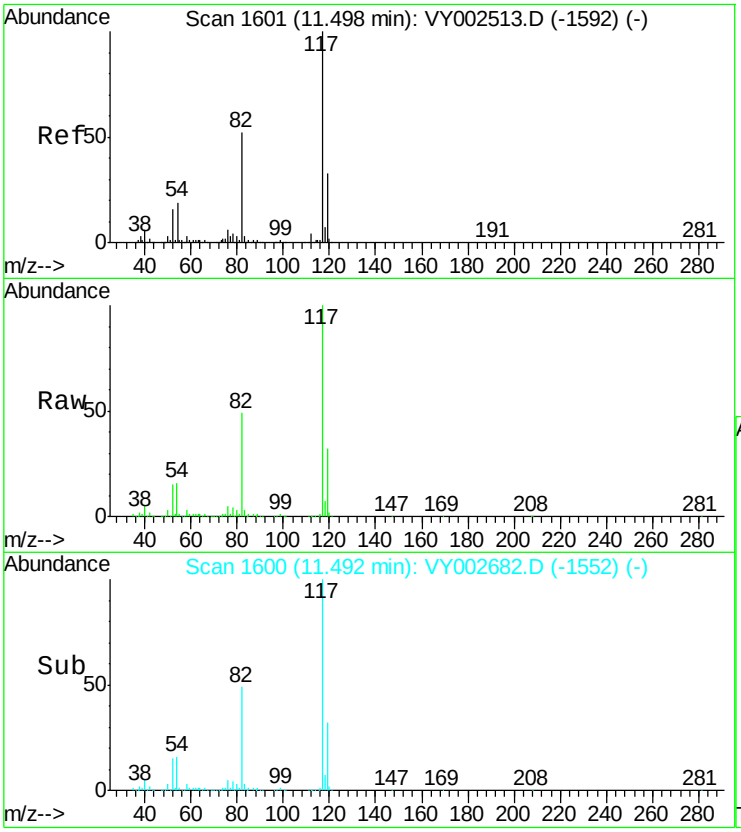


#62
4-Bromofluorobenzene
Concen: 49.744 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VY002682.D
Acq: 13 May 2020 14:17

Tgt Ion: 95 Resp: 185026

Ion	Ratio	Lower	Upper
95	100		
174	95.2	0.0	188.8
176	91.3	0.0	183.2



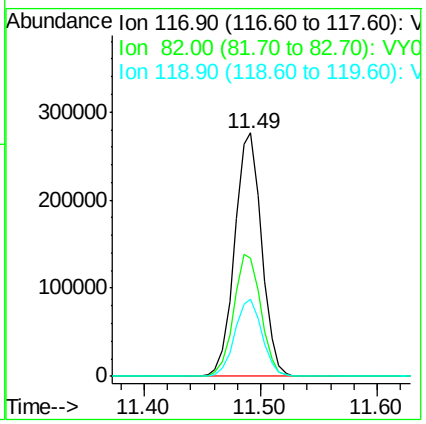


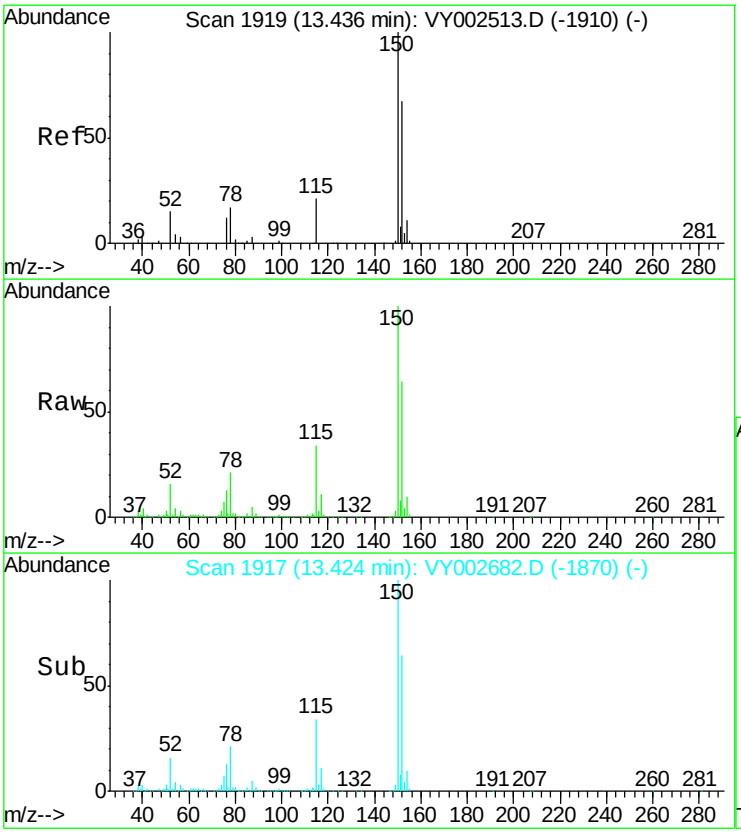
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002682.D
Acq: 13 May 2020 14:17

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 443486

Ion	Ratio	Lower	Upper
117	100		
82	48.7	41.3	61.9
119	31.6	26.0	39.0

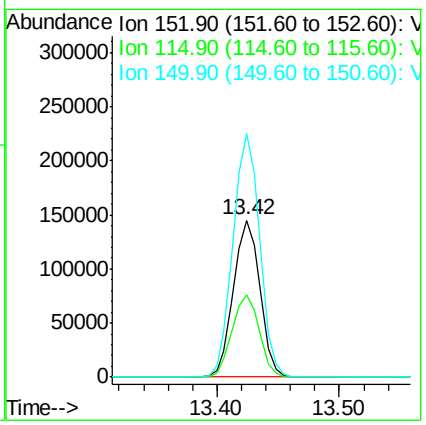


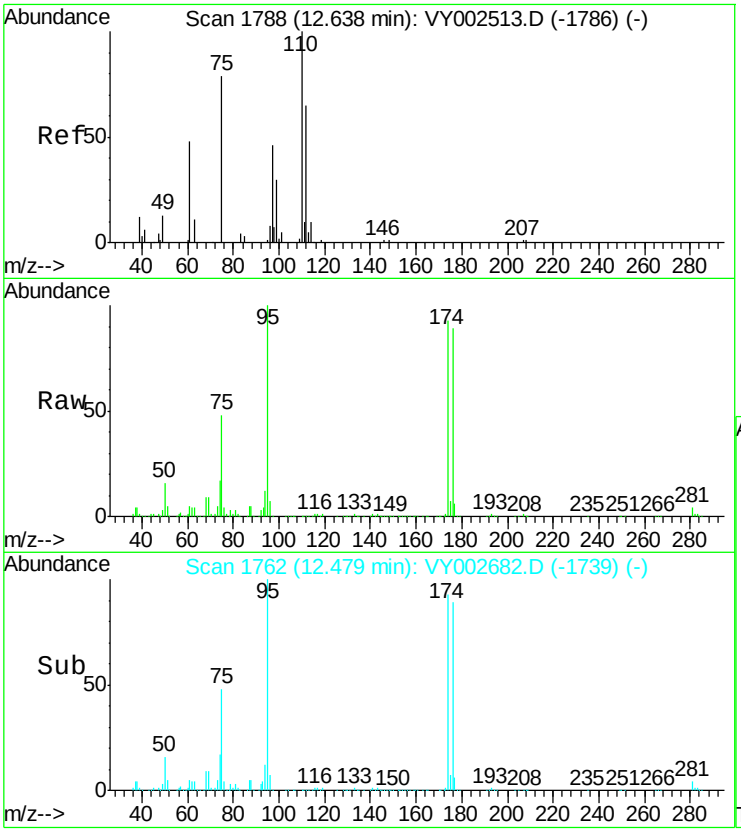


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY002682.D
Acq: 13 May 2020 14:17

Tgt Ion:152 Resp: 216264

Ion	Ratio	Lower	Upper
152	100		
115	53.6	27.5	82.4
150	156.4	0.0	346.4



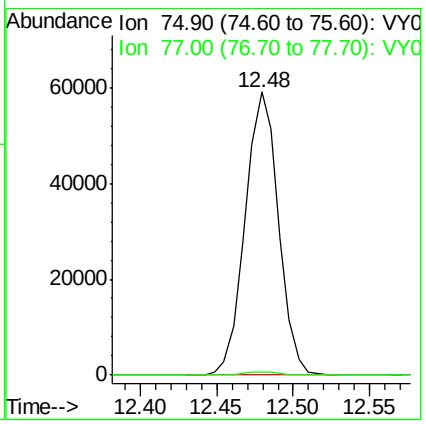


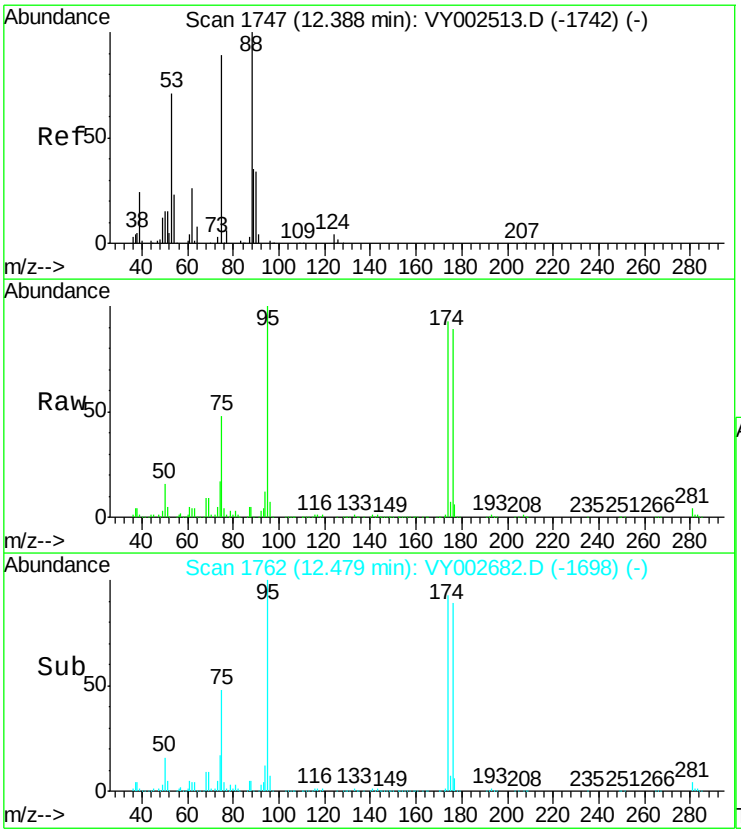
#76
1,2,3-Trichloropropane
Concen: 46.529 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.16 min
Lab File: VY002682.D
Acq: 13 May 2020 14:17

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 89423

Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 93.300 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.09 min
Lab File: VY002682.D
Acq: 13 May 2020 14:17

Tgt Ion: 75 Resp: 89423

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