Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY051120\
Data File : VY002652.D
Acq On : 11 May 2020 10:40
Operator : SY/MD
Sample : VY0511SBL01
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: May 11 15:08:34 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	7.82	168	386250	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	600273	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	533399	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	259136	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	170407	52.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.94%	
35) Dibromofluoromethane	7.74	113	179898	52.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.80%	
50) Toluene-d8	10.19	98	689615	51.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.88%	
62) 4-Bromofluorobenzene	12.49	95	228144	50.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.30%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	292	1.873	ug/l #	33
11) Tert butyl alcohol	4.97	59	812	2.430	ug/l #	83
15) Acrylonitrile	5.21	53	967	1.090	ug/l #	80
16) Acetone	3.98	43	2409	3.594	ug/l	98
20) Methylene Chloride	4.75	84	5363	1.431	ug/l	93
25) 2-Butanone	7.01	43	3245	2.958	ug/l #	74
31) Cyclohexane	7.82	56	6092	1.044	ug/l #	1
36) 1,1-Dichloropropene	7.82	75	24339	4.837	ug/l #	48
38) Carbon Tetrachloride	7.82	117	34276	6.239	ug/l #	15
49) 1,4-Dioxane	9.32	88	43	1.609	ug/l #	27
51) 4-Methyl-2-Pentanone	10.09	43	8830	3.534	ug/l	100
76) 1,2,3-Trichloropropane	12.49	75	109234	47.434	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	109234	95.115	ug/l #	15
93) 1,2,4-Trichlorobenzene	15.02	180	5898	1.146	ug/l	94
95) Naphthalene	15.25	128	20601	2.195	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	9015	2.064	ug/l	95

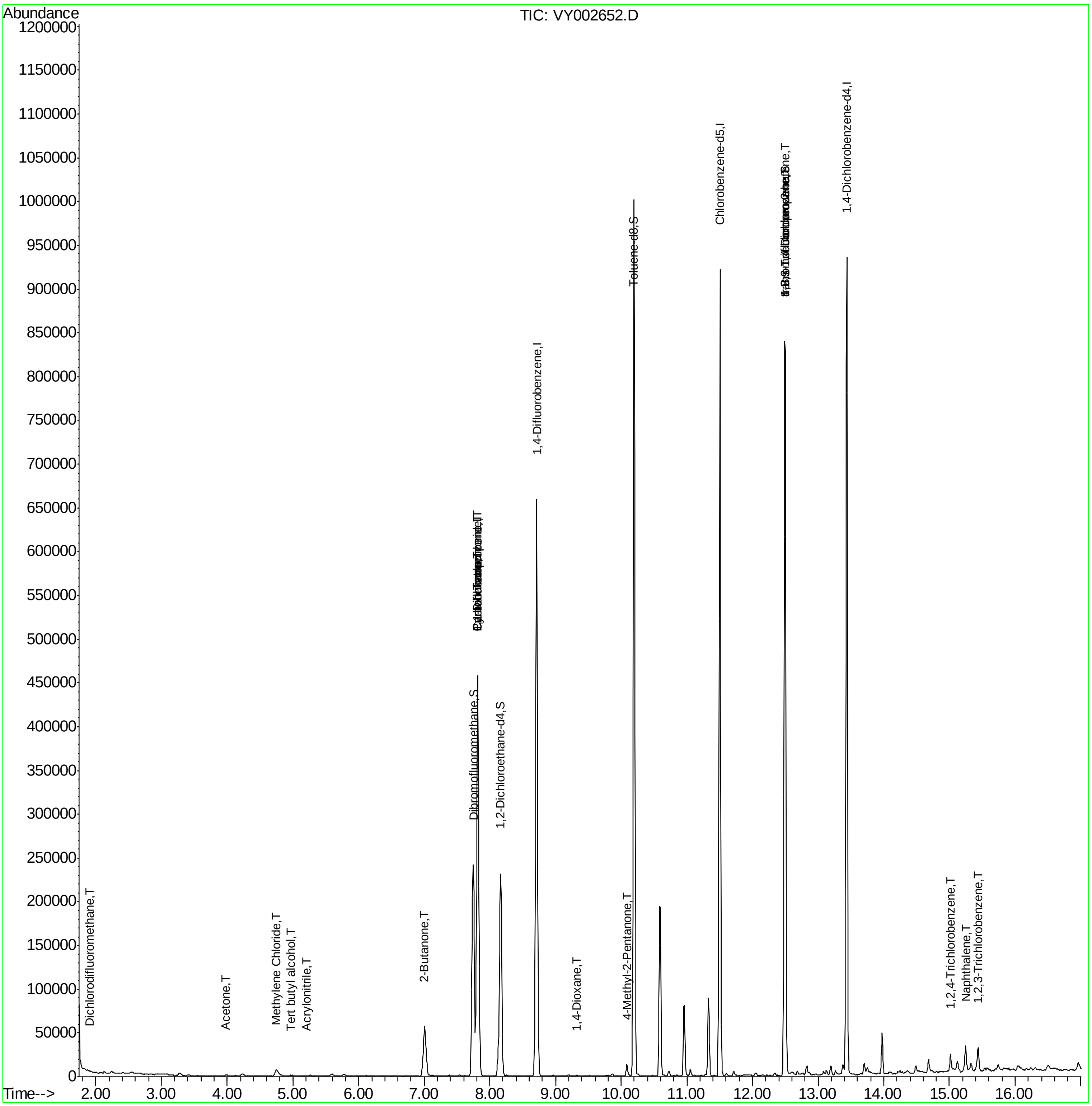
(#) = qualifier out of range (m) = manual integration (+) = signals summed

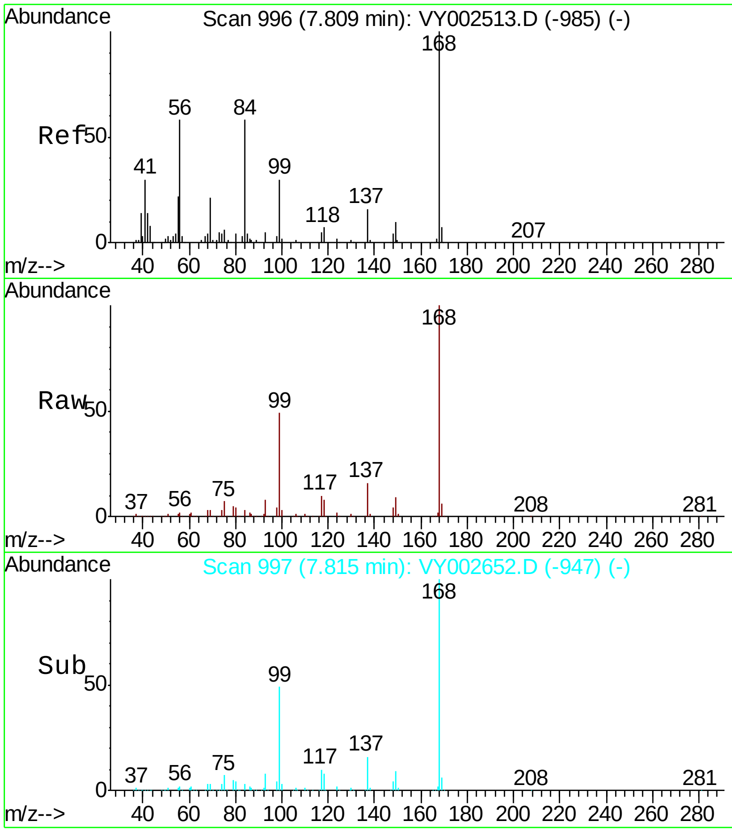
Quantitation Report   (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY051120\
Data File : VY002652.D
Acq On   : 11 May 2020 10:40
Operator : SY/MD
Sample   : VY0511SBL01
Misc   : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 3   Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: May 11 15:08:34 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



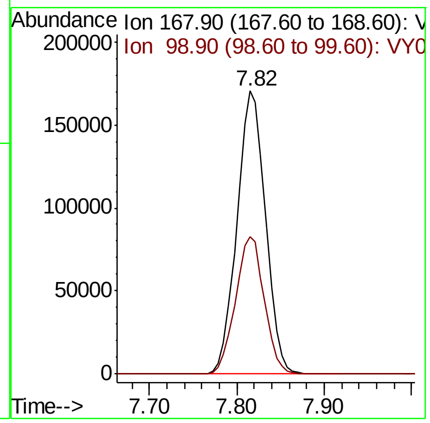


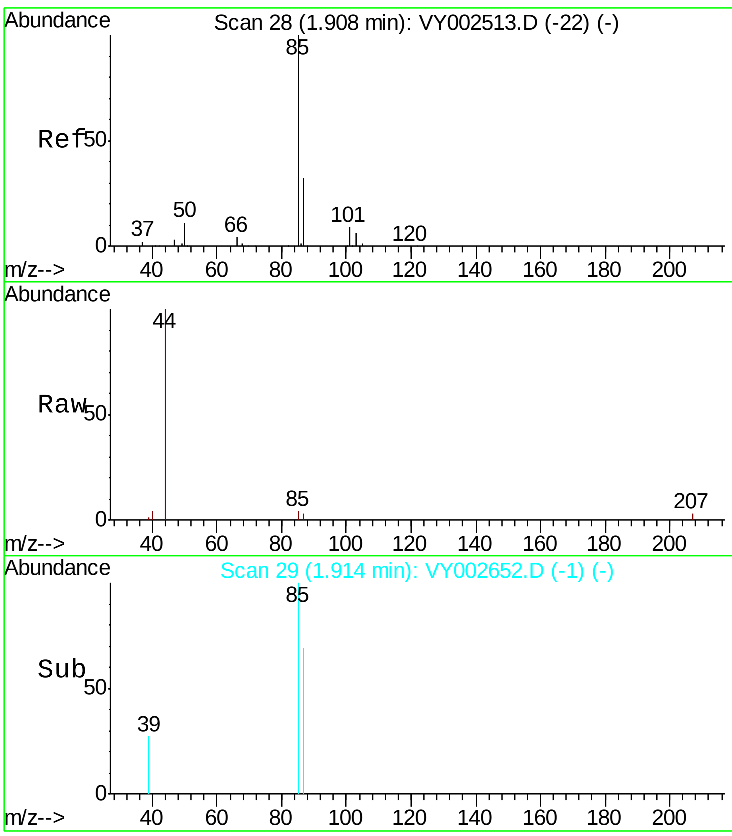
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.82 min   Scan# 997
Delta R.T.   0.01 min
Lab File: VY002652.D
Acq: 11 May 2020   10:40

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 386250

Ion	Ratio	Lower	Upper
168	100		
99	48.7	39.2	58.8

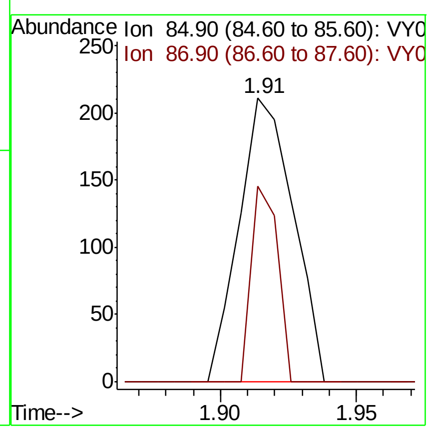


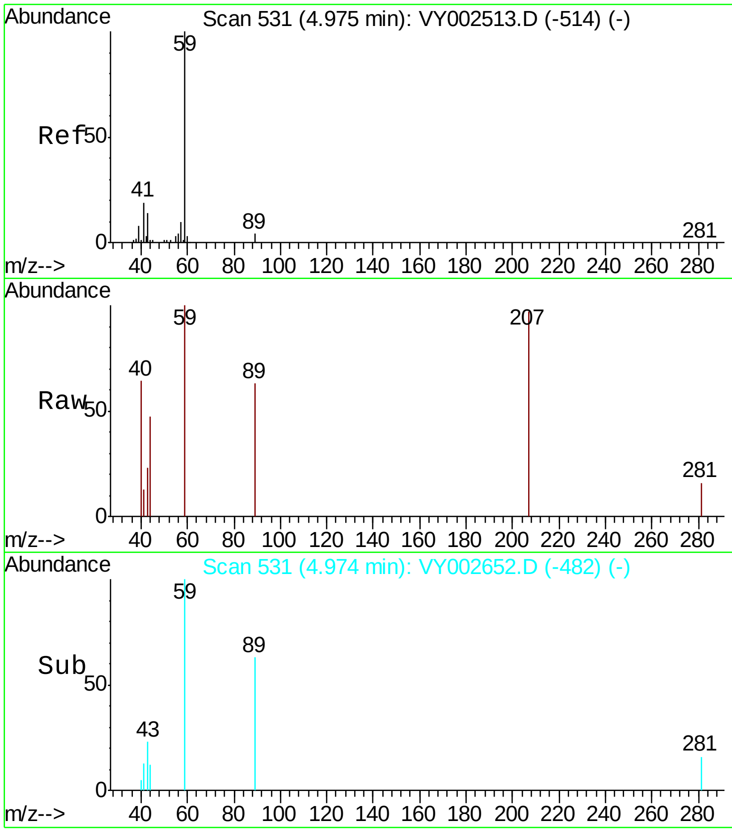


#2
Dichlorodifluoromethane
Concen: 1.873 ug/l
RT: 1.91 min   Scan# 29
Delta R.T.   0.01 min
Lab File: VY002652.D
Acq: 11 May 2020   10:40

Tgt Ion: 85 Resp: 292

Ion	Ratio	Lower	Upper
85	100		
87	68.7	15.8	47.4#



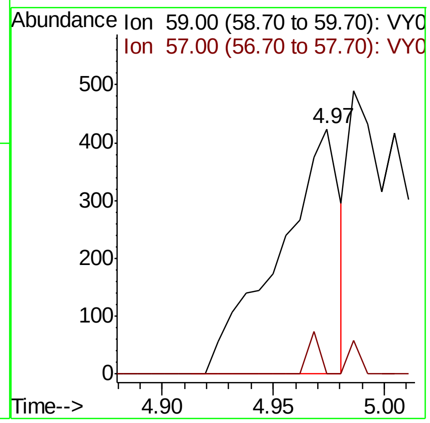


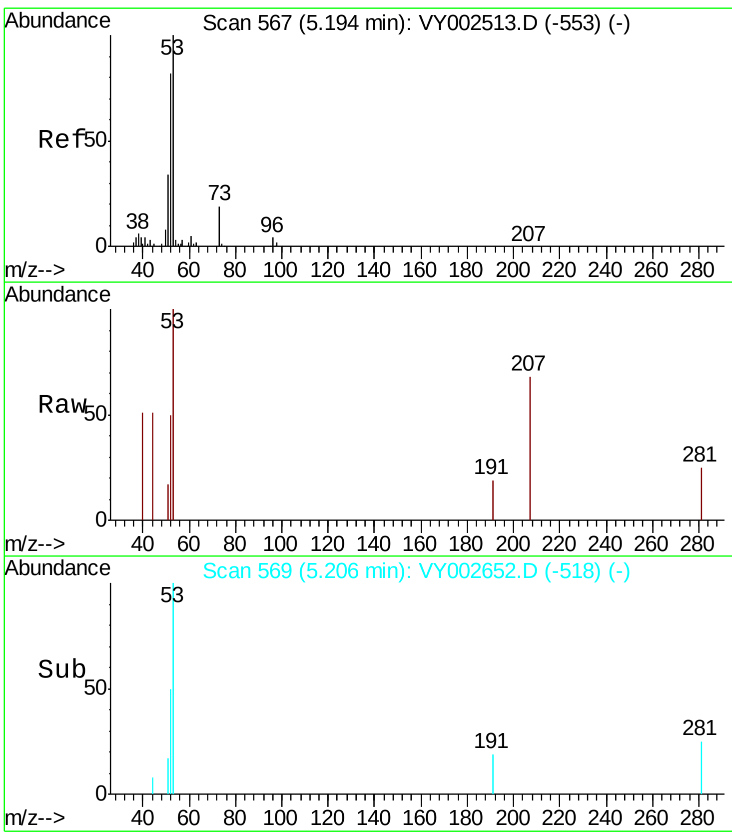
#11
Tert butyl alcohol
Concen: 2.430 ug/l
RT: 4.97 min Scan# 531
Delta R.T. -0.00 min
Lab File: VY002652.D
Acq: 11 May 2020 10:40

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 59 Resp: 812

Ion	Ratio	Lower	Upper
59	100		
57	3.3	7.8	11.6#

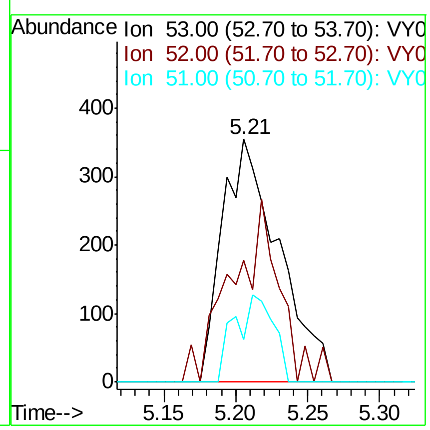


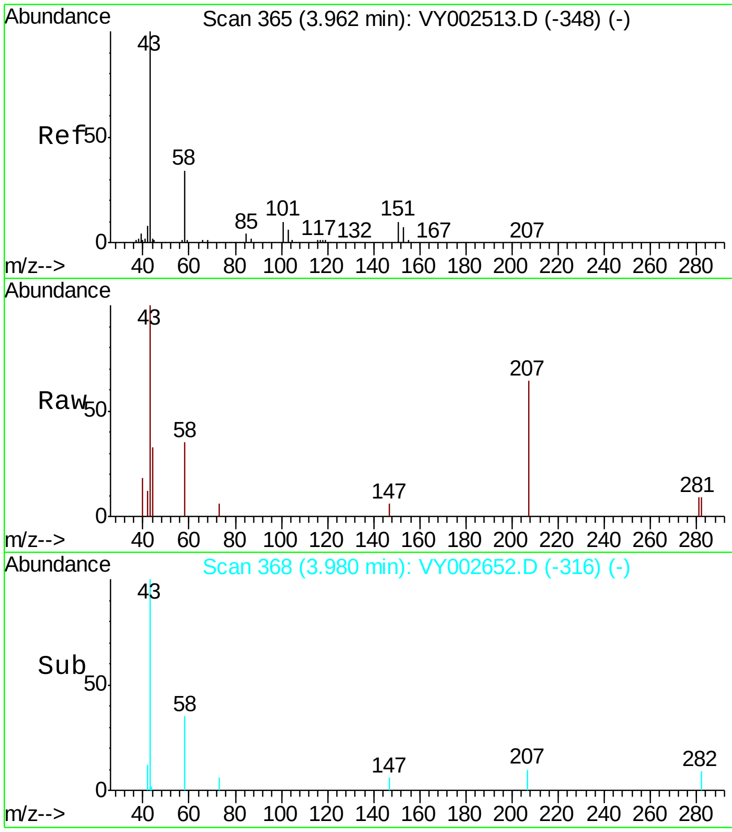


#15
Acrylonitrile
Concen: 1.090 ug/l
RT: 5.21 min Scan# 569
Delta R.T. 0.01 min
Lab File: VY002652.D
Acq: 11 May 2020 10:40

Tgt Ion: 53 Resp: 967

Ion	Ratio	Lower	Upper
53	100		
52	63.7	65.4	98.0#
51	24.7	28.7	43.1#



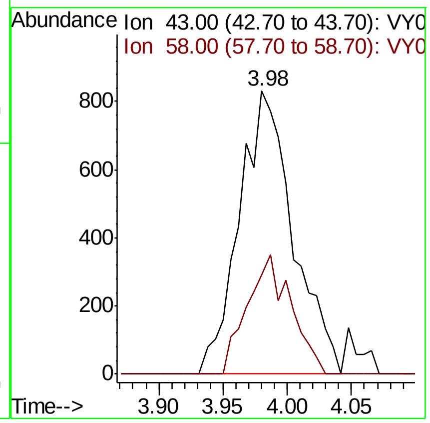


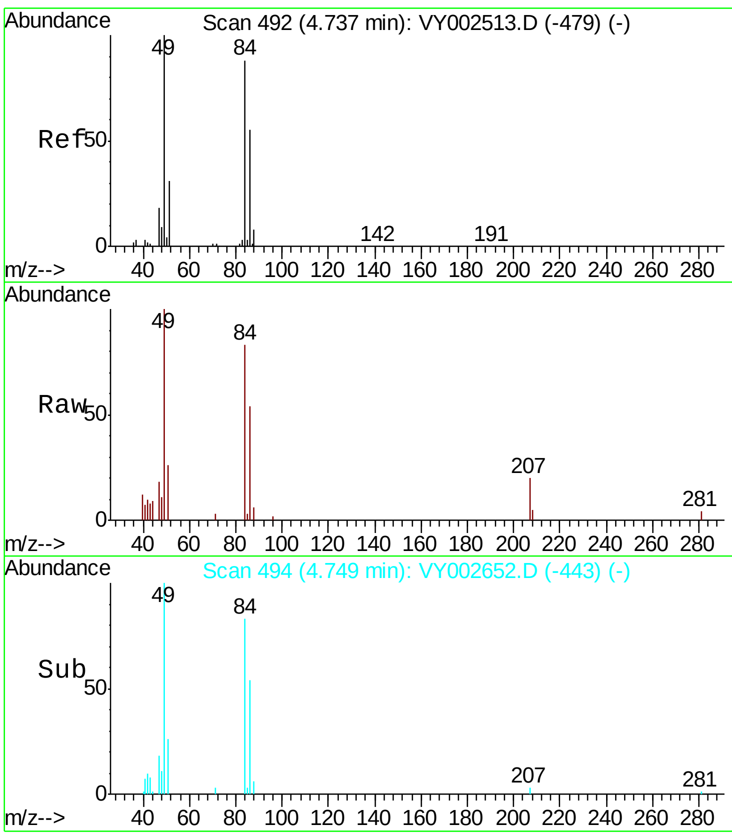
#16
Acetone
Concen: 3.594 ug/l
RT: 3.98 min Scan# 368
Delta R.T. 0.02 min
Lab File: VY002652.D
Acq: 11 May 2020 10:40

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 2409

Ion	Ratio	Lower	Upper
43	100		
58	35.0	26.9	40.3

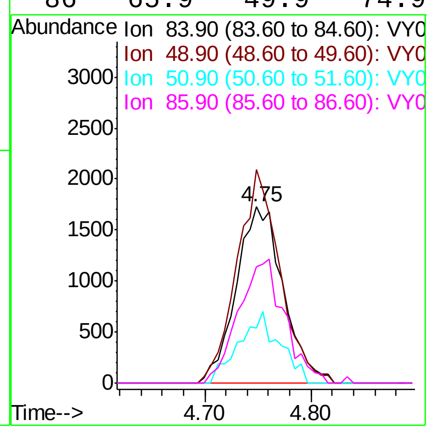


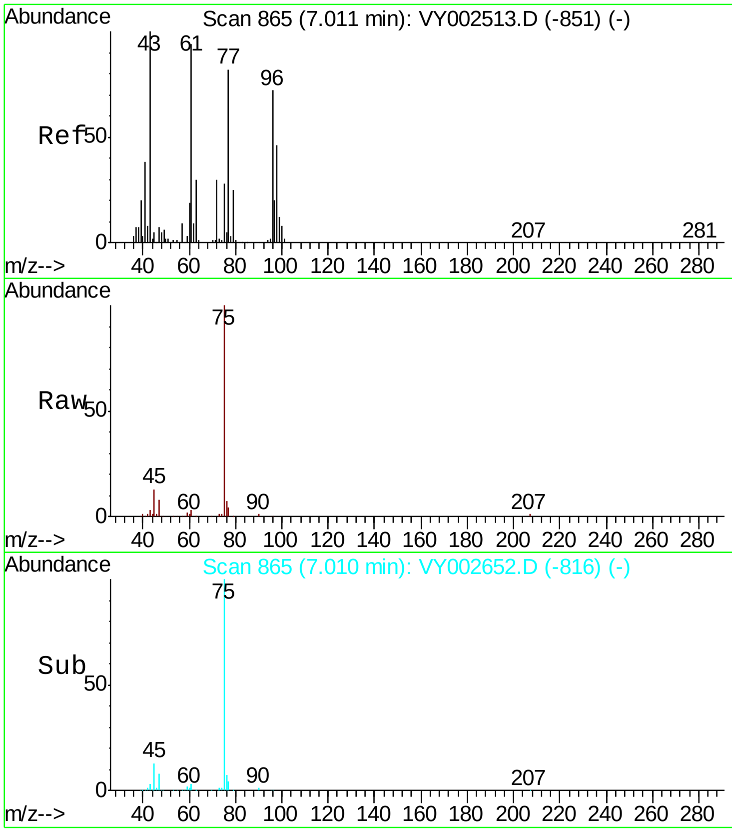


#20
Methylene Chloride
Concen: 1.431 ug/l
RT: 4.75 min Scan# 494
Delta R.T. 0.01 min
Lab File: VY002652.D
Acq: 11 May 2020 10:40

Tgt Ion: 84 Resp: 5363

Ion	Ratio	Lower	Upper
84	100		
49	121.2	90.5	135.7
51	30.9	28.3	42.5
86	65.9	49.9	74.9



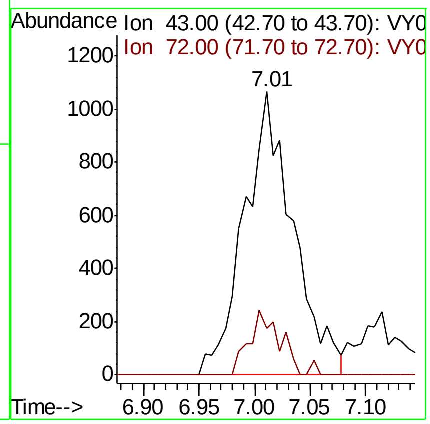


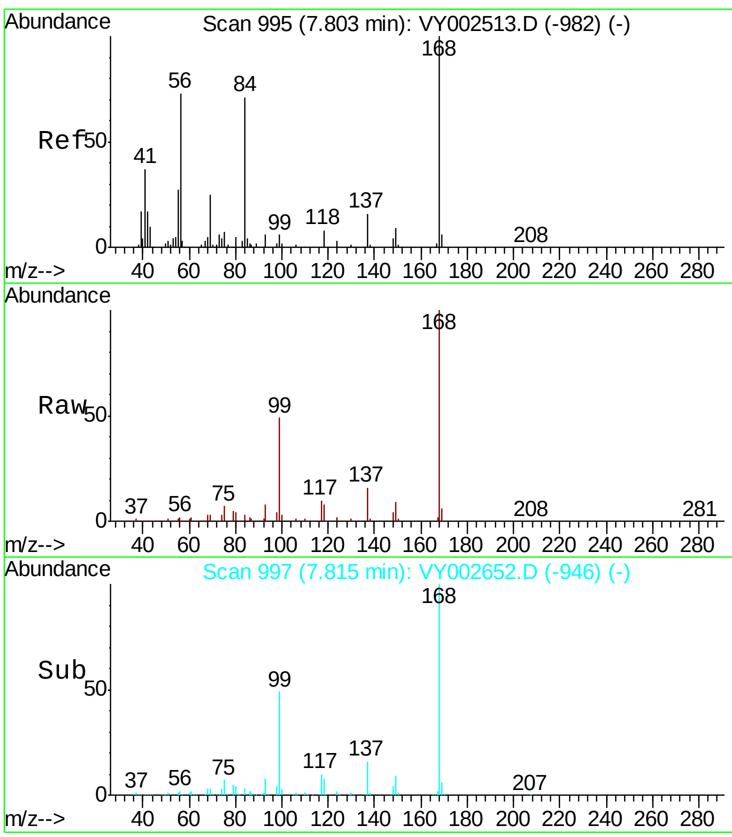
#25
2-Butanone
Concen: 2.958 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.00 min
Lab File: VY002652.D
Acq: 11 May 2020 10:40

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 3245

Ion	Ratio	Lower	Upper
43	100		
72	16.3	24.1	36.1#

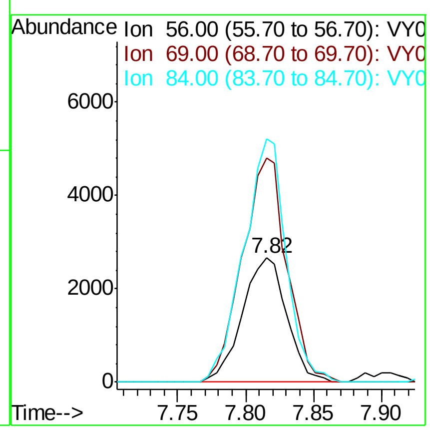


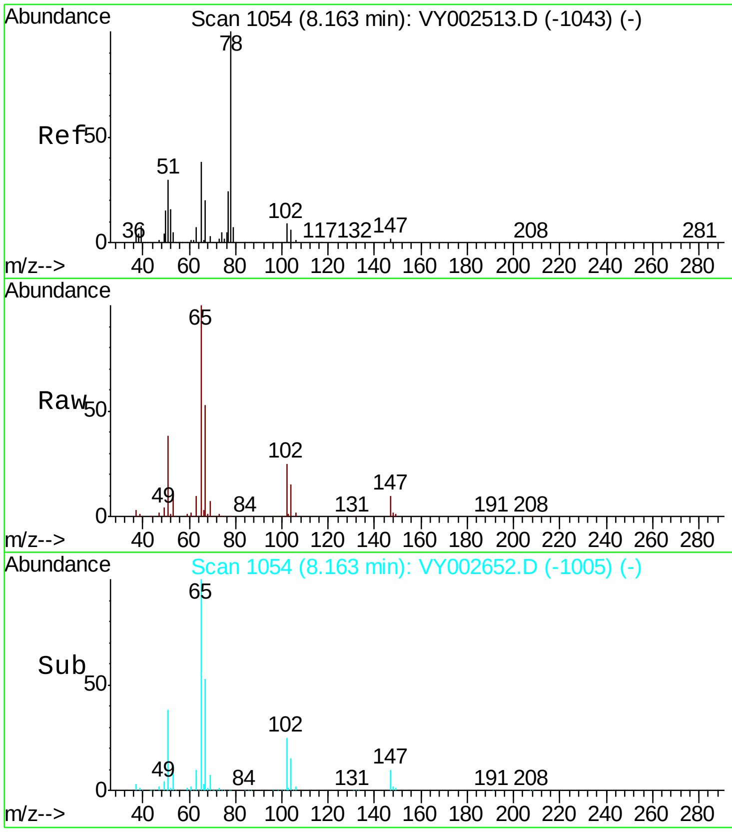


#31
Cyclohexane
Concen: 1.044 ug/l
RT: 7.82 min Scan# 997
Delta R.T. 0.01 min
Lab File: VY002652.D
Acq: 11 May 2020 10:40

Tgt Ion: 56 Resp: 6092

Ion	Ratio	Lower	Upper
56	100		
69	180.3	27.6	41.4#
84	195.9	77.7	116.5#



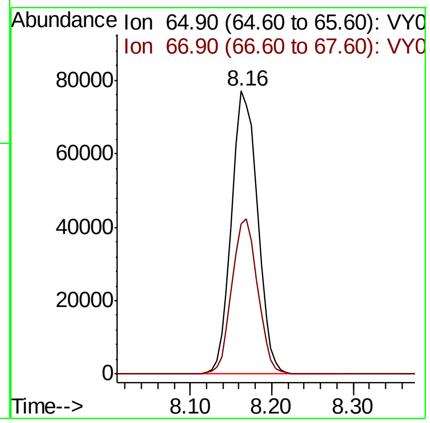


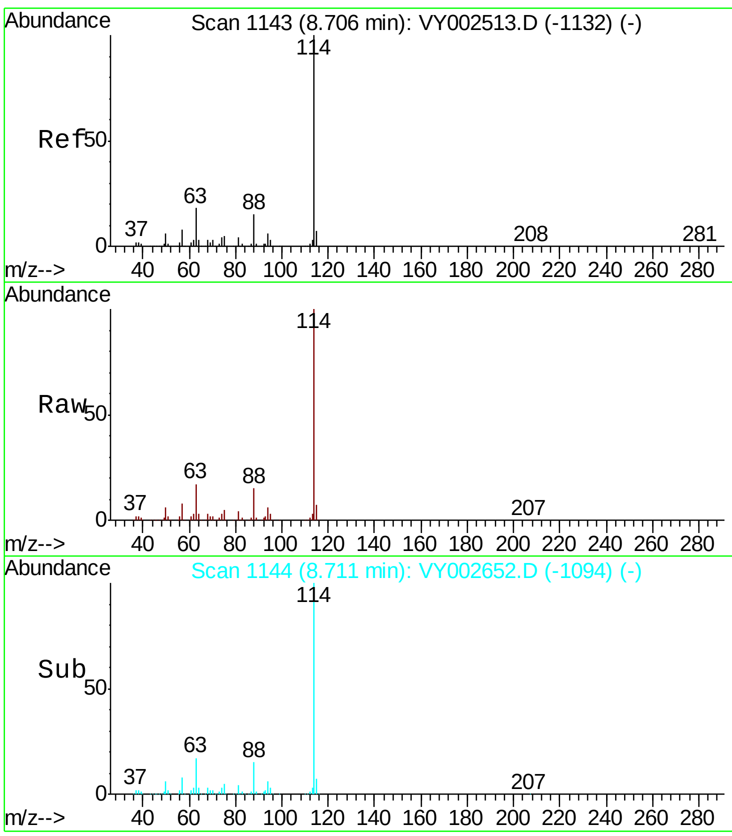
#33
1,2-Dichloroethane-d4
Concen: 52.471 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VY002652.D
Acq: 11 May 2020 10:40

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 65 Resp: 170407

Ion	Ratio	Lower	Upper
65	100		
67	54.3	0.0	107.2

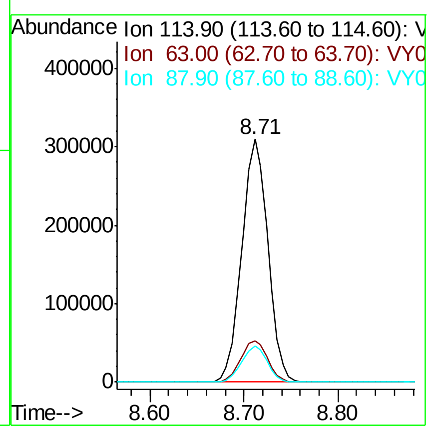


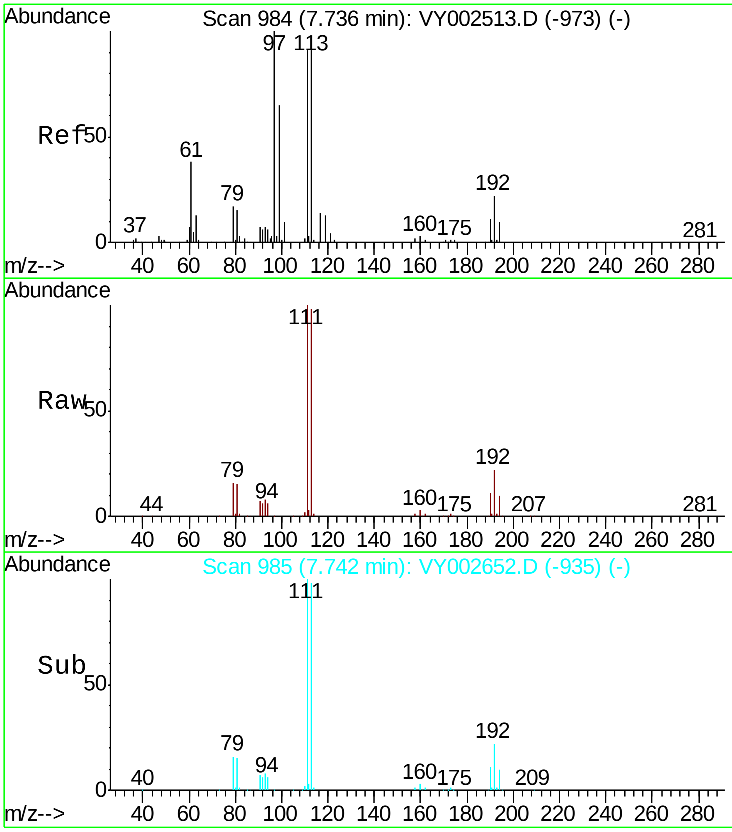


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.71 min Scan# 1144
Delta R.T. 0.01 min
Lab File: VY002652.D
Acq: 11 May 2020 10:40

Tgt Ion:114 Resp: 600273

Ion	Ratio	Lower	Upper
114	100		
63	17.2	0.0	36.4
88	15.0	0.0	29.6



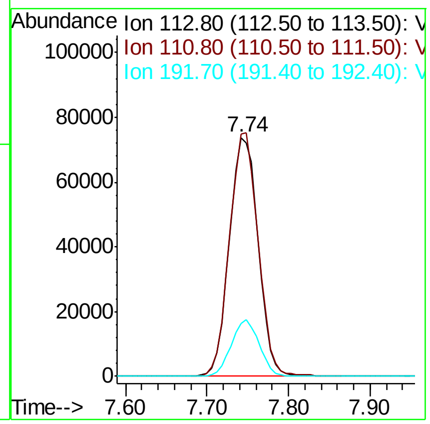


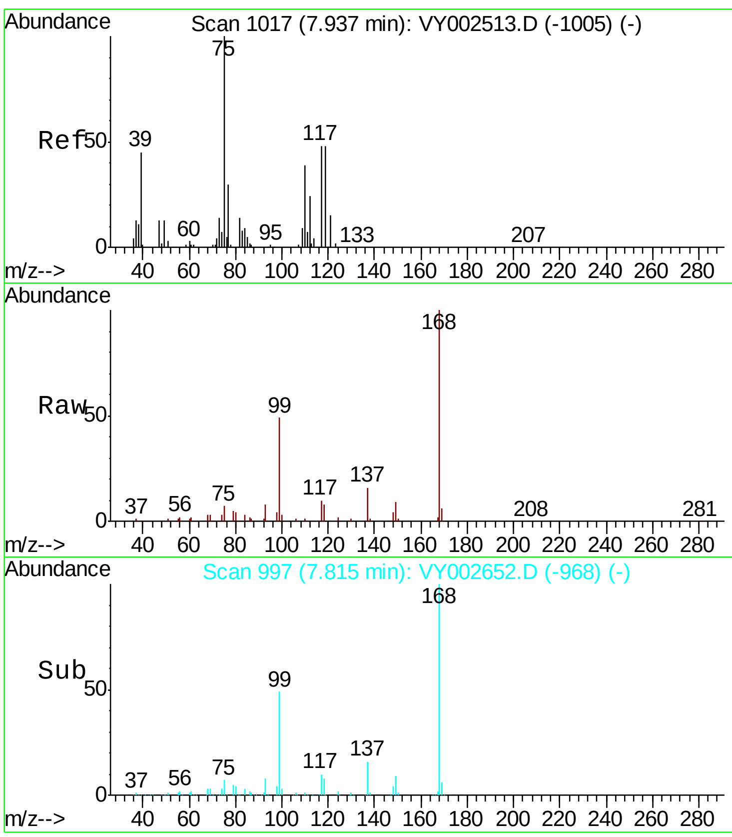
#35
Dibromofluoromethane
Concen: 52.403 ug/l
RT: 7.74 min Scan# 985
Delta R.T. 0.01 min
Lab File: VY002652.D
Acq: 11 May 2020 10:40

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:113 Resp: 179898

Ion	Ratio	Lower	Upper
113	100		
111	100.9	81.8	122.6
192	22.7	18.2	27.4

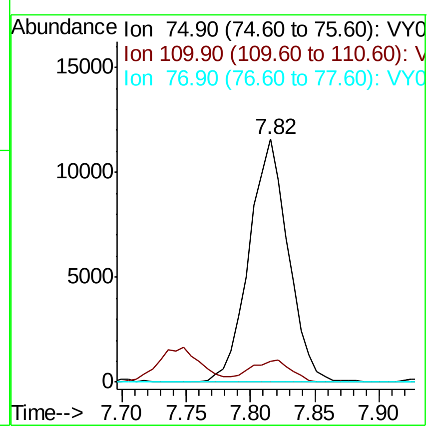


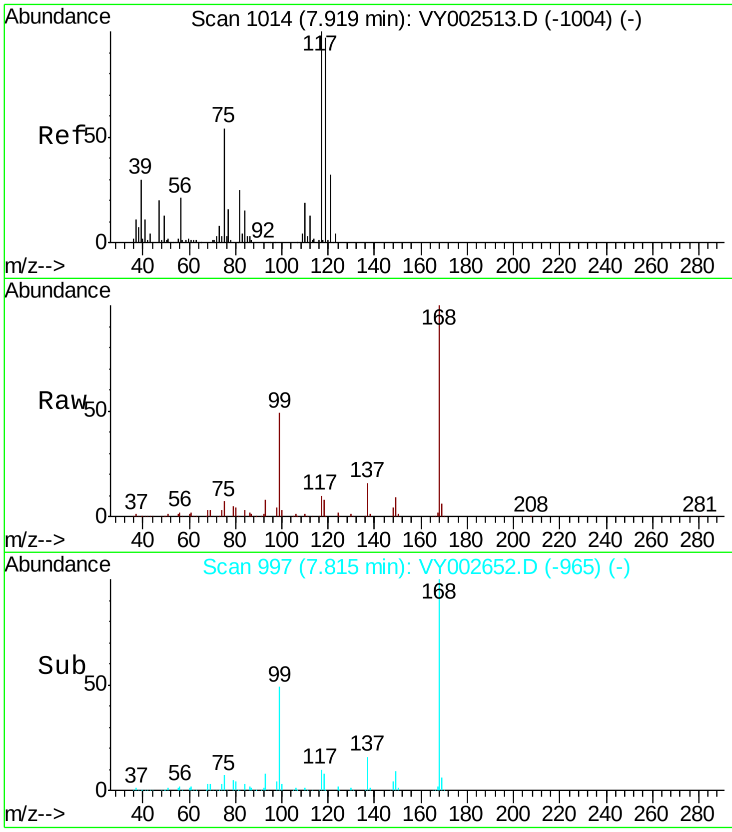


#36
1,1-Dichloropropene
Concen: 4.837 ug/l
RT: 7.82 min Scan# 997
Delta R.T. -0.12 min
Lab File: VY002652.D
Acq: 11 May 2020 10:40

Tgt Ion: 75 Resp: 24339

Ion	Ratio	Lower	Upper
75	100		
110	9.2	19.1	57.3#
77	0.0	24.6	37.0#



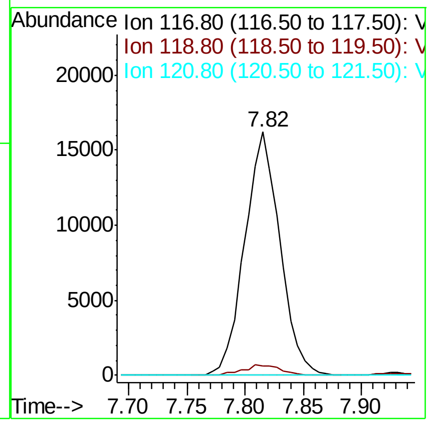


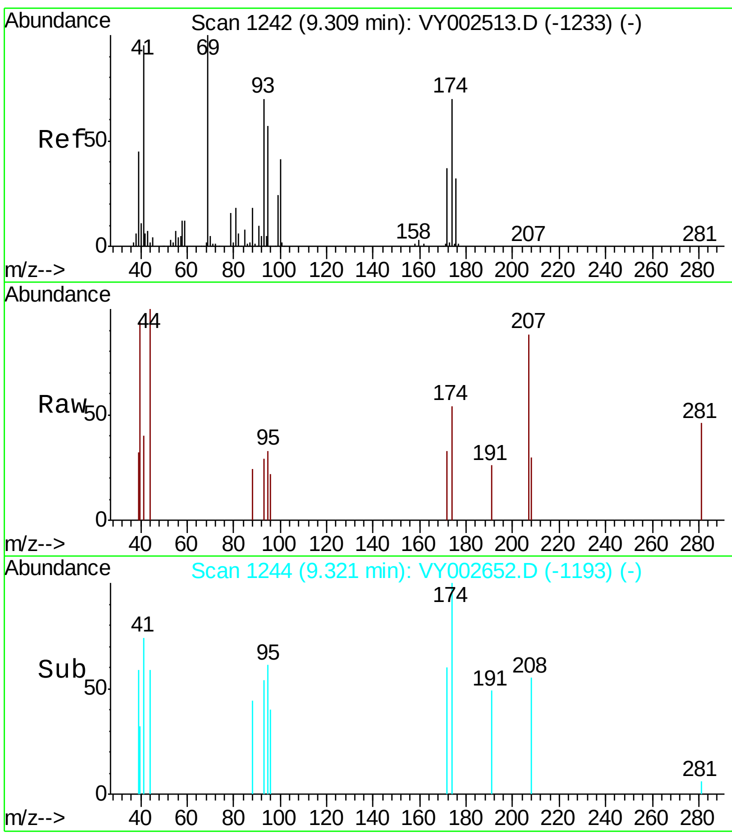
#38
Carbon Tetrachloride
Concen: 6.239 ug/l
RT: 7.82 min Scan# 997
Delta R.T. -0.10 min
Lab File: VY002652.D
Acq: 11 May 2020 10:40

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 34276

Ion	Ratio	Lower	Upper
117	100		
119	3.8	77.1	115.7#
121	0.0	25.2	37.8#

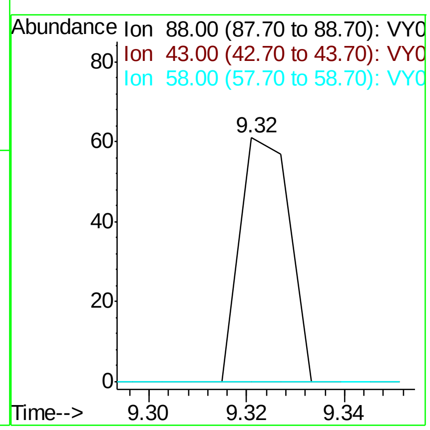


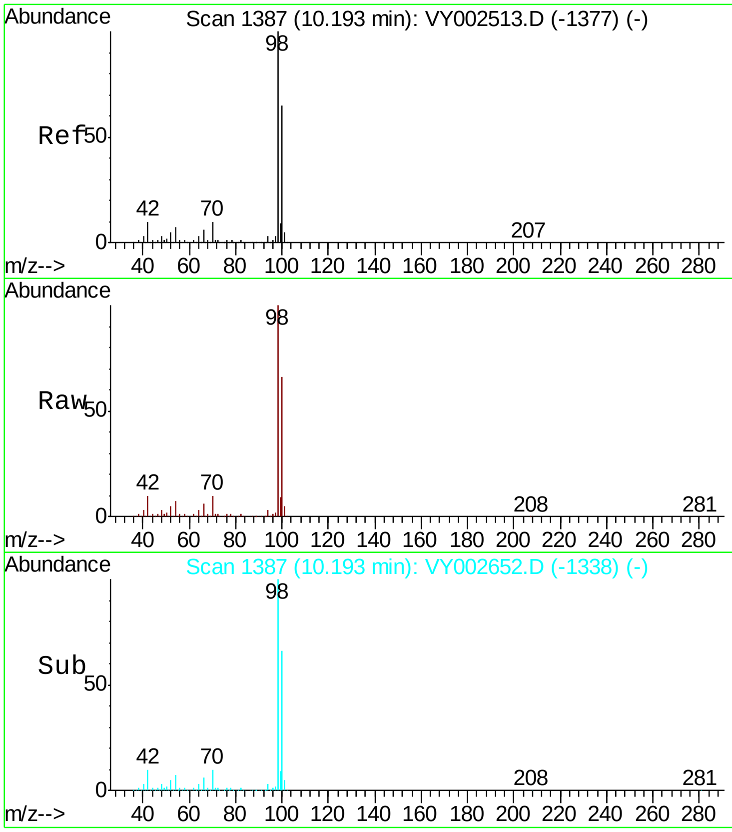


#49
1,4-Dioxane
Concen: 1.609 ug/l
RT: 9.32 min Scan# 1244
Delta R.T. 0.01 min
Lab File: VY002652.D
Acq: 11 May 2020 10:40

Tgt Ion: 88 Resp: 43

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

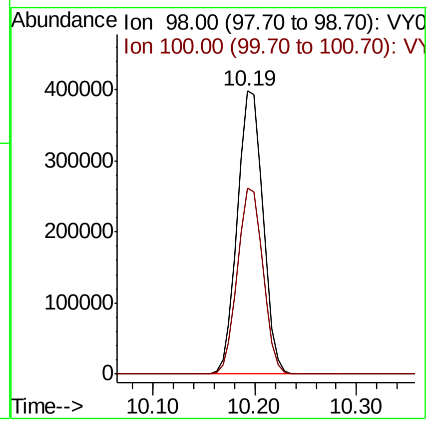


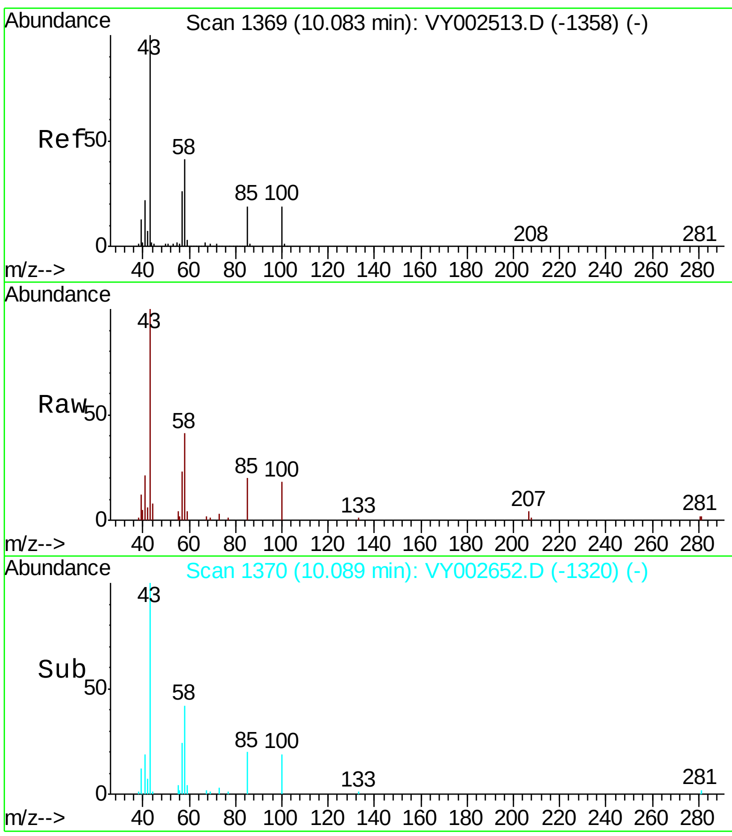



```
#50
Toluene-d8
Concen:    51.440 ug/l
RT: 10.19 min   Scan# 1387
Delta R.T.    -0.00 min
Lab File:    VY002652.D
Acq: 11 May 2020   10:40

Tgt Ion: 98 Resp:   689615
Ion  Ratio  Lower  Upper
 98  100
100   65.5   52.2   78.2
```

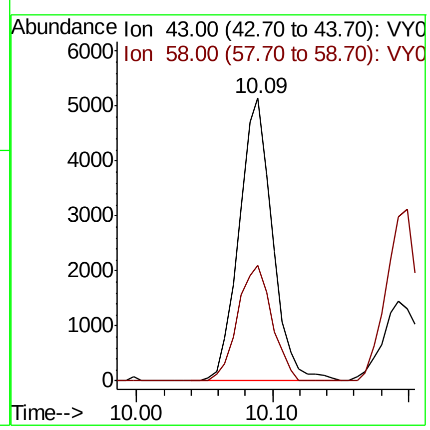
Instrument :
MSVOA_Y
ClientSampleId :

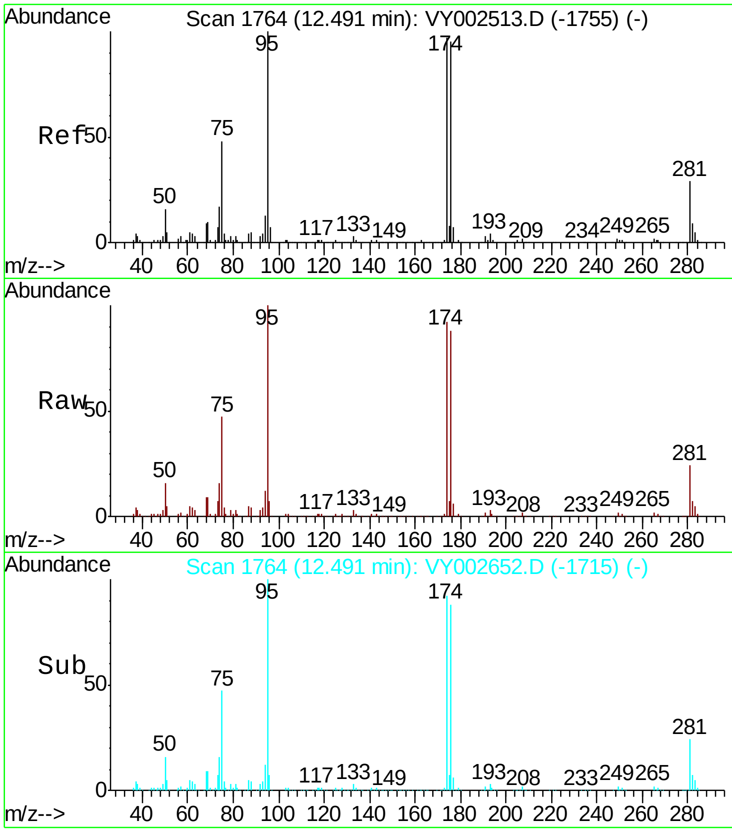





```
#51
4-Methyl-2-Pentanone
Concen:     3.534 ug/l
RT: 10.09 min   Scan# 1370
Delta R.T.    0.01 min
Lab File:    VY002652.D
Acq: 11 May 2020   10:40

Tgt Ion: 43 Resp:     8830
Ion  Ratio  Lower  Upper
 43  100
 58   41.7   33.2   49.8
```



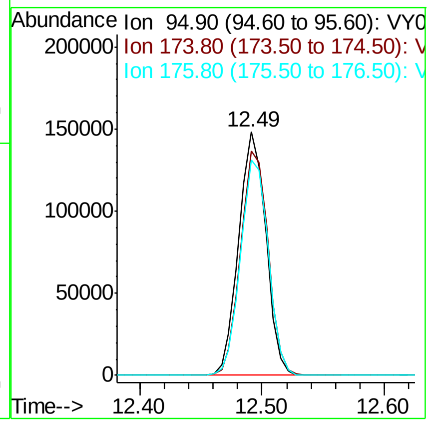


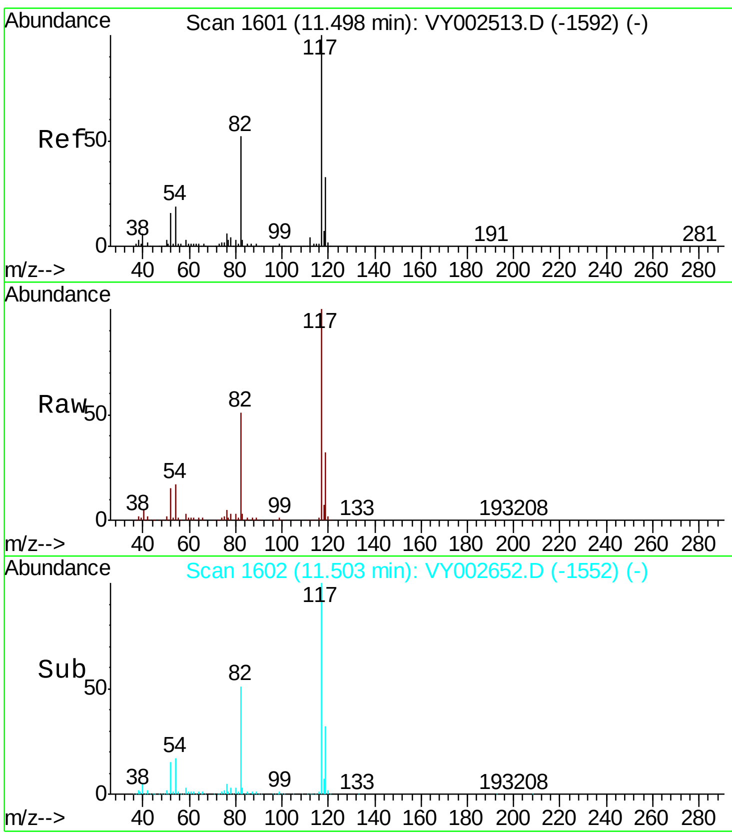
#62
4-Bromofluorobenzene
Concen: 50.152 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. -0.00 min
Lab File: VY002652.D
Acq: 11 May 2020 10:40

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 95 Resp: 228144

Ion	Ratio	Lower	Upper
95	100		
174	93.6	0.0	188.8
176	90.4	0.0	183.2

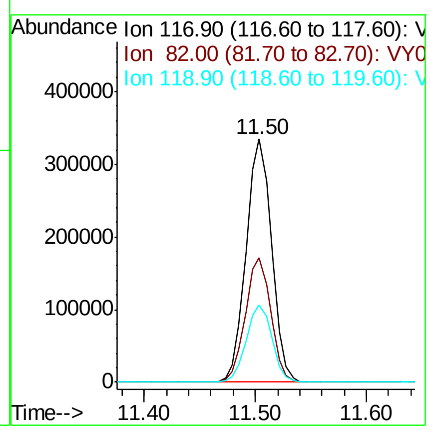


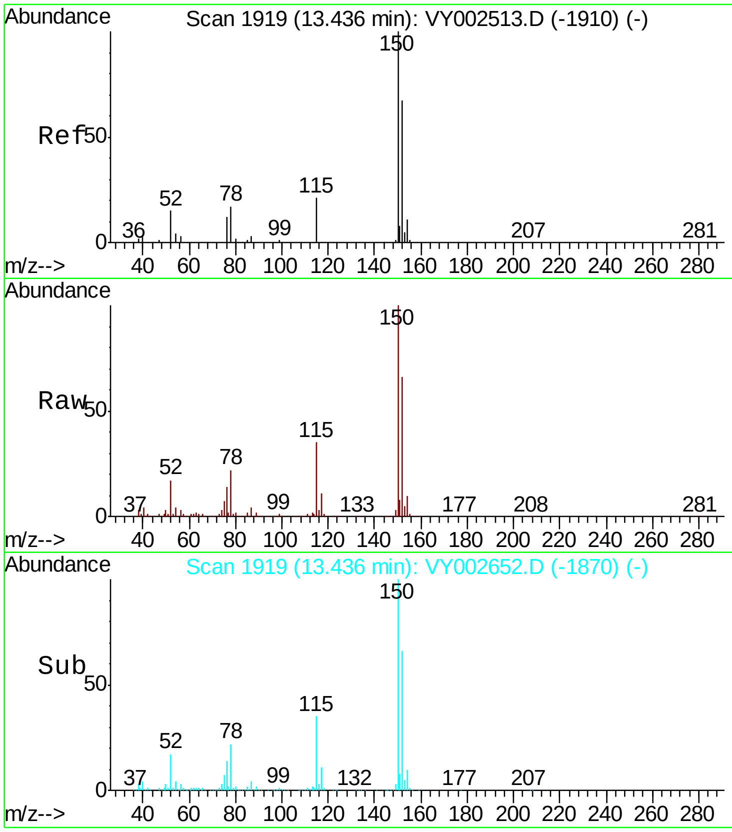


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002652.D
Acq: 11 May 2020 10:40

Tgt Ion:117 Resp: 533399

Ion	Ratio	Lower	Upper
117	100		
82	51.1	41.3	61.9
119	31.9	26.0	39.0



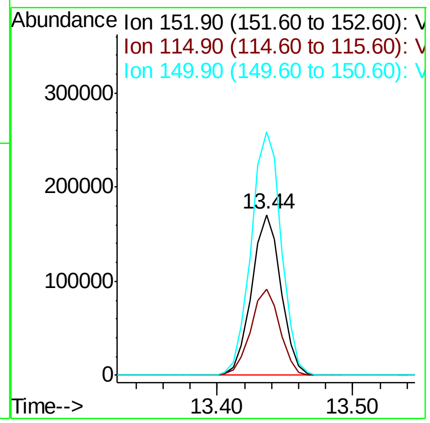


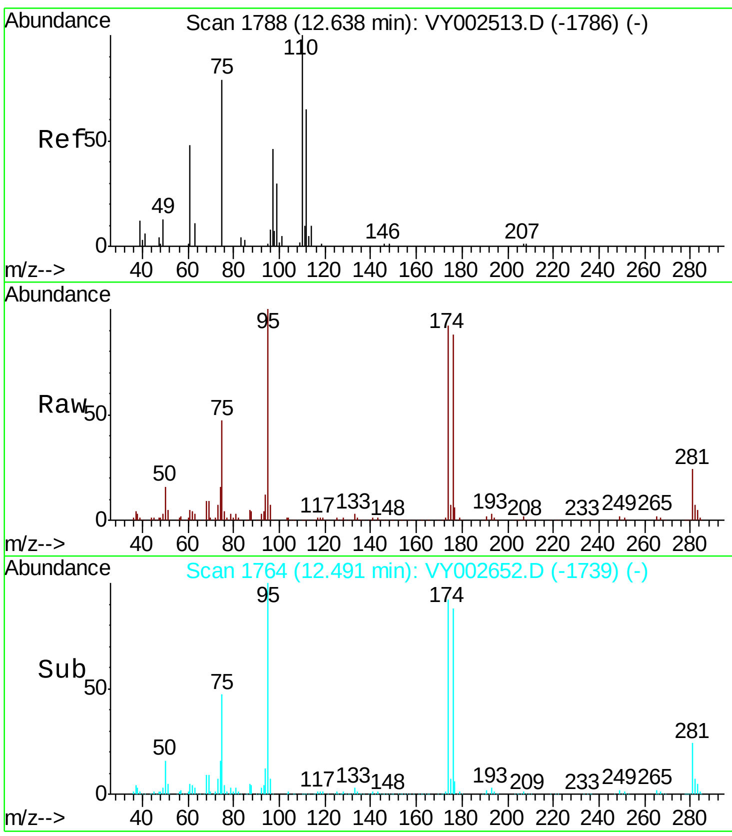
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. -0.00 min
Lab File: VY002652.D
Acq: 11 May 2020 10:40

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion:152 Resp: 259136

Ion	Ratio	Lower	Upper
152	100		
115	53.4	27.5	82.4
150	156.1	0.0	346.4

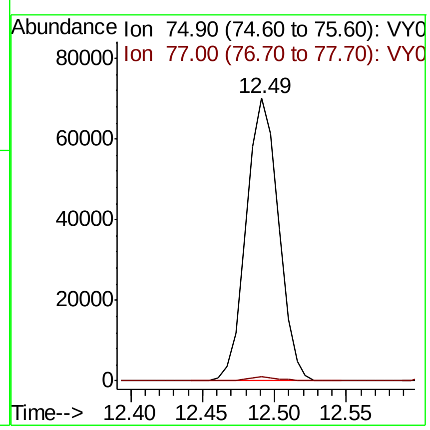


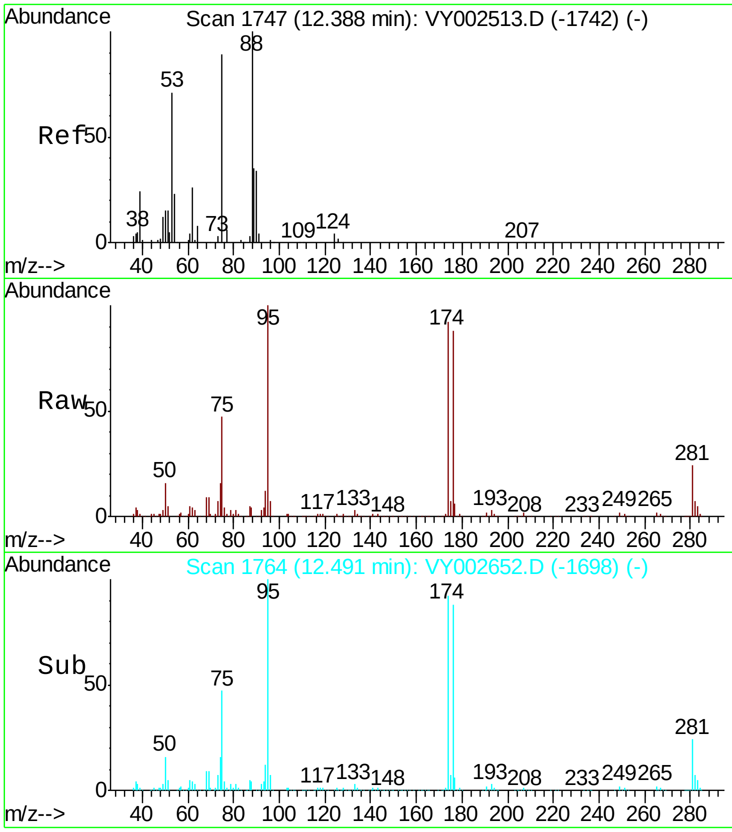


#76
1,2,3-Trichloropropane
Concen: 47.434 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. -0.15 min
Lab File: VY002652.D
Acq: 11 May 2020 10:40

Tgt Ion: 75 Resp: 109234

Ion	Ratio	Lower	Upper
75	100		
77	1.8	0.0	0.0#



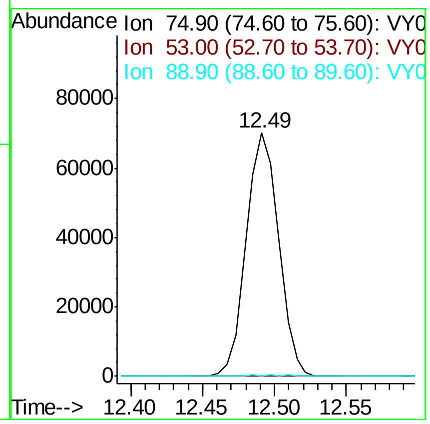


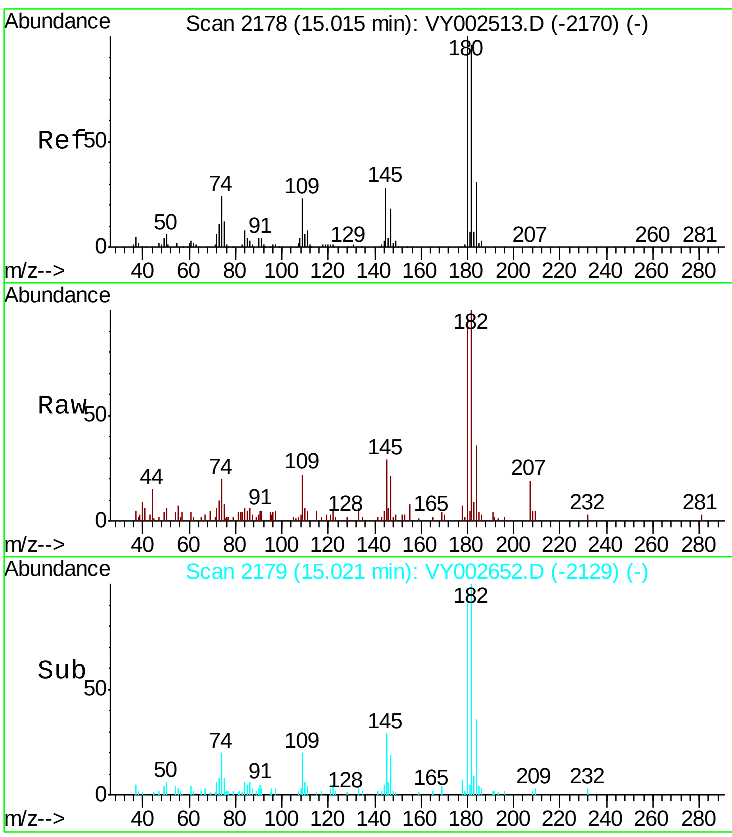
#81
trans-1,4-Dichloro-2-butene
Concen: 95.115 ug/l
RT: 12.49 min   Scan# 1764
Delta R.T.   0.10 min
Lab File: VY002652.D
Acq: 11 May 2020   10:40

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 109234

Ion	Ratio	Lower	Upper
75	100		
53	0.0	67.4	101.0#
89	0.3	37.4	56.0#

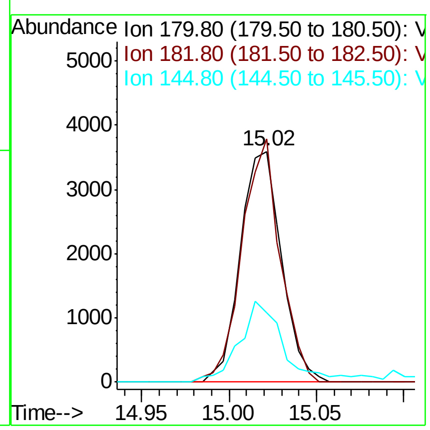


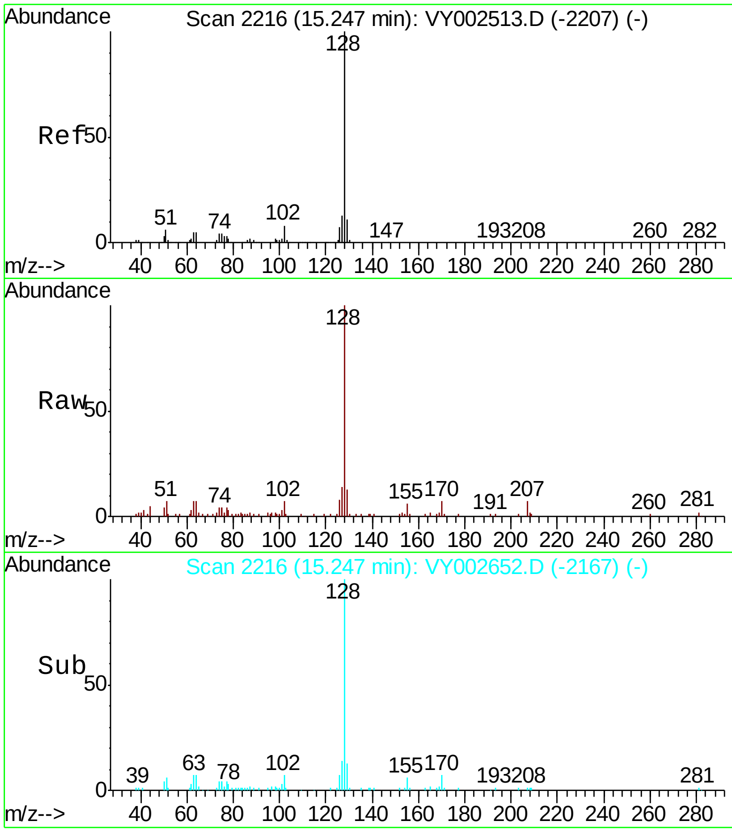


#93
1,2,4-Trichlorobenzene
Concen: 1.146 ug/l
RT: 15.02 min   Scan# 2179
Delta R.T.   0.01 min
Lab File: VY002652.D
Acq: 11 May 2020   10:40

Tgt Ion:180 Resp: 5898

Ion	Ratio	Lower	Upper
180	100		
182	97.8	47.9	143.6
145	38.9	14.4	43.0



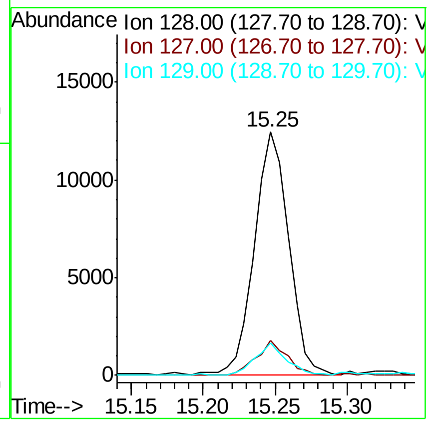


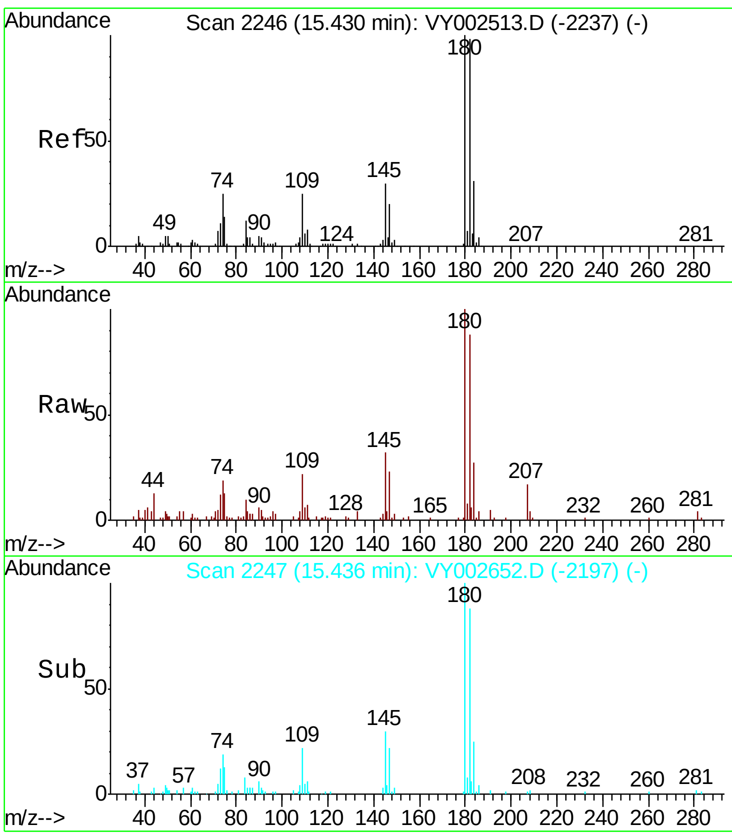
#95
Naphthalene
Concen: 2.195 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. -0.00 min
Lab File: VY002652.D
Acq: 11 May 2020 10:40

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 20601

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.5	15.7
129	12.1	8.8	13.2





#96
1,2,3-Trichlorobenzene
Concen: 2.064 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. 0.01 min
Lab File: VY002652.D
Acq: 11 May 2020 10:40

Tgt Ion:180 Resp: 9015

Ion	Ratio	Lower	Upper
180	100		
182	92.6	47.9	143.8
145	35.7	15.0	45.1