Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY031020\
Data File : VY001922.D
Acq On : 10 Mar 2020 14:28
Operator : SY/MD
Sample : L1852-14RE
Misc : 5.19G/5ML/MSVOA Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Time: Mar 11 03:57:48 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 05 04:05:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	140058	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.69	114	252910	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.49	117	171185	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.42	152	40925	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	80530	53.86	ug/l	-0.02
Spiked Amount 50.000			Recovery = 107.72%			
35) Dibromofluoromethane	7.73	113	77286	55.96	ug/l	-0.02
Spiked Amount 50.000			Recovery = 111.92%			
50) Toluene-d8	10.18	98	295120	50.68	ug/l	-0.01
Spiked Amount 50.000			Recovery = 101.36%			
62) 4-Bromofluorobenzene	12.48	95	56985	28.14	ug/l	-0.01
Spiked Amount 50.000			Recovery = 56.28%			
Target Compounds						Qvalue
5) Bromomethane	2.67	94	129	Below Cal	#	79
11) Tert butyl alcohol	4.95	59	45	Below Cal	#	74
16) Acetone	3.97	43	768	1.764	ug/l #	83
20) Methylene Chloride	4.73	84	2543	1.362	ug/l #	84
31) Cyclohexane	7.78	56	3887	1.183	ug/l #	23
36) 1,1-Dichloropropene	7.80	75	11844	4.867	ug/l #	49
38) Carbon Tetrachloride	7.80	117	14080	6.772	ug/l #	15
48) Methyl methacrylate	9.19	41	1301	1.095	ug/l #	61
58) 2-Chloroethyl Vinyl ether	9.78	63	66	Below Cal	#	48
76) 1,2,3-Trichloropropane	12.48	75	28062	57.788	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	28062	116.729	ug/l #	17
95) Naphthalene	15.23	128	2399	1.324	ug/l #	94

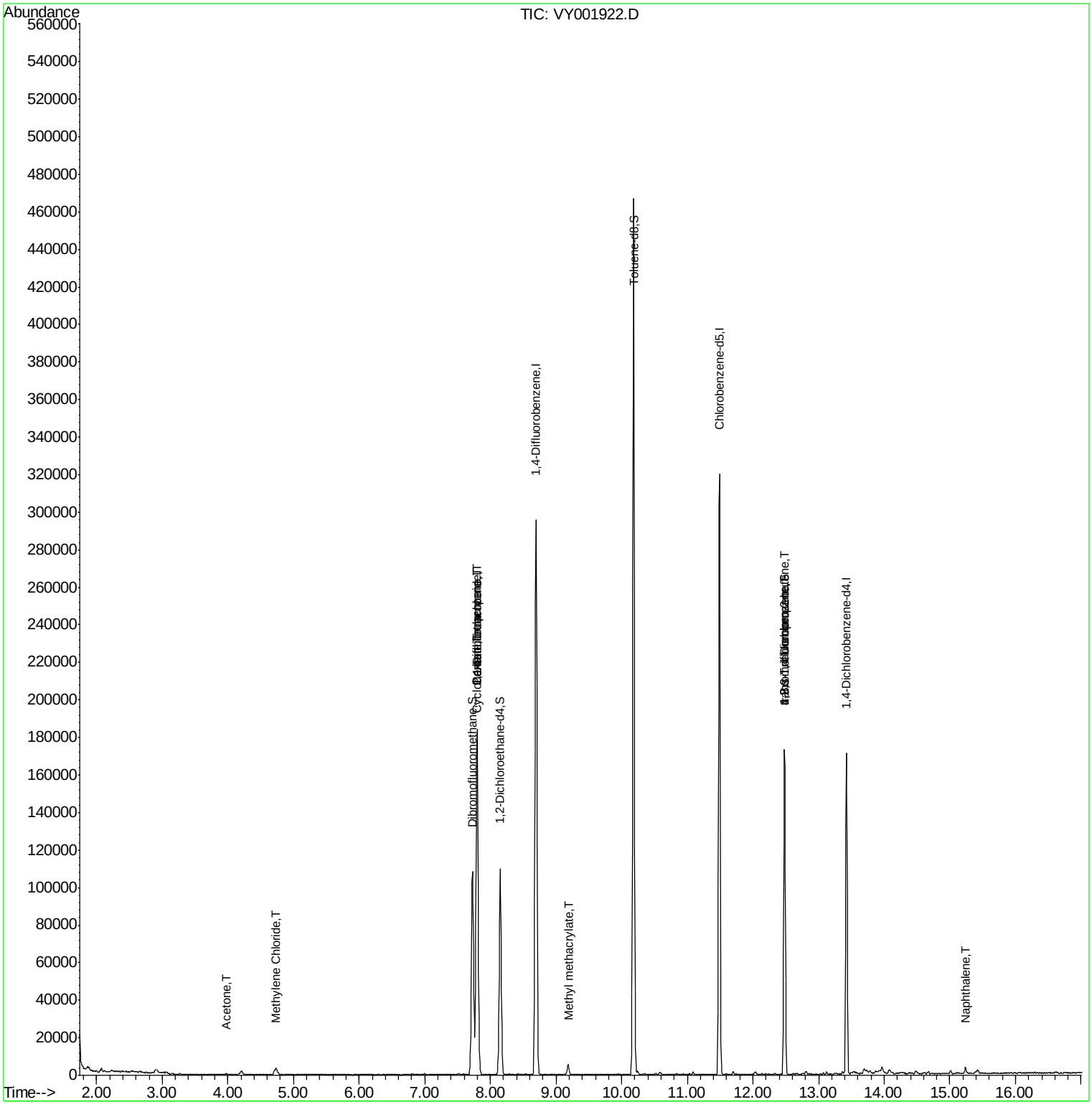
(#) = qualifier out of range (m) = manual integration (+) = signals summed

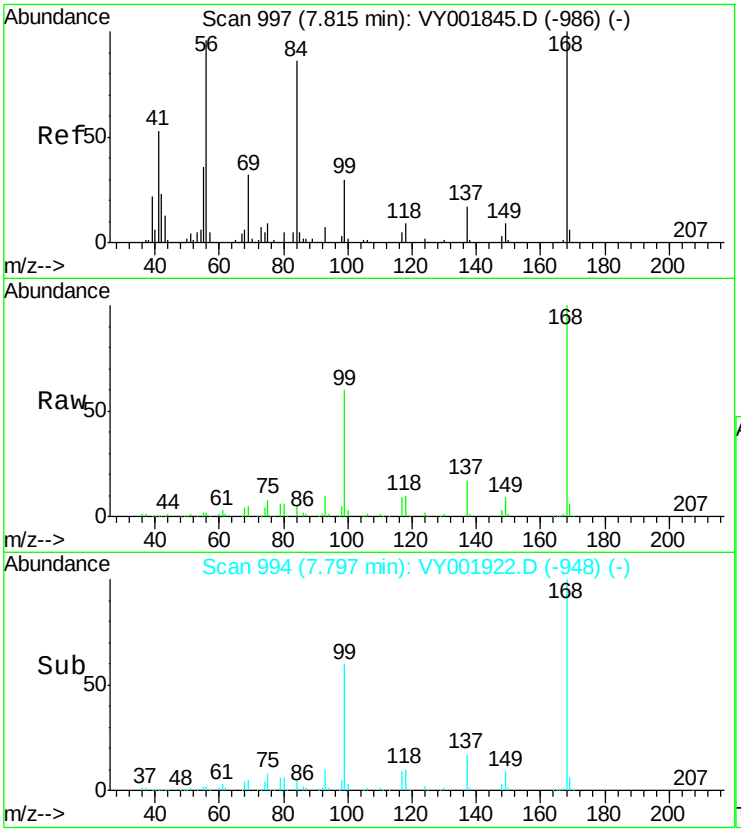
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY031020\
Data File : VY001922.D
Acq On : 10 Mar 2020 14:28
Operator : SY/MD
Sample : L1852-14RE
Misc : 5.19G/5ML/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Mar 11 03:57:48 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 05 04:05:33 2020
Response via : Initial Calibration



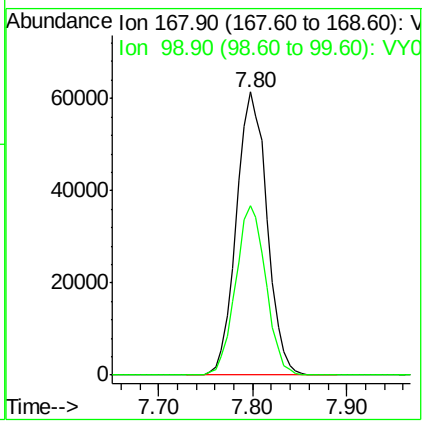


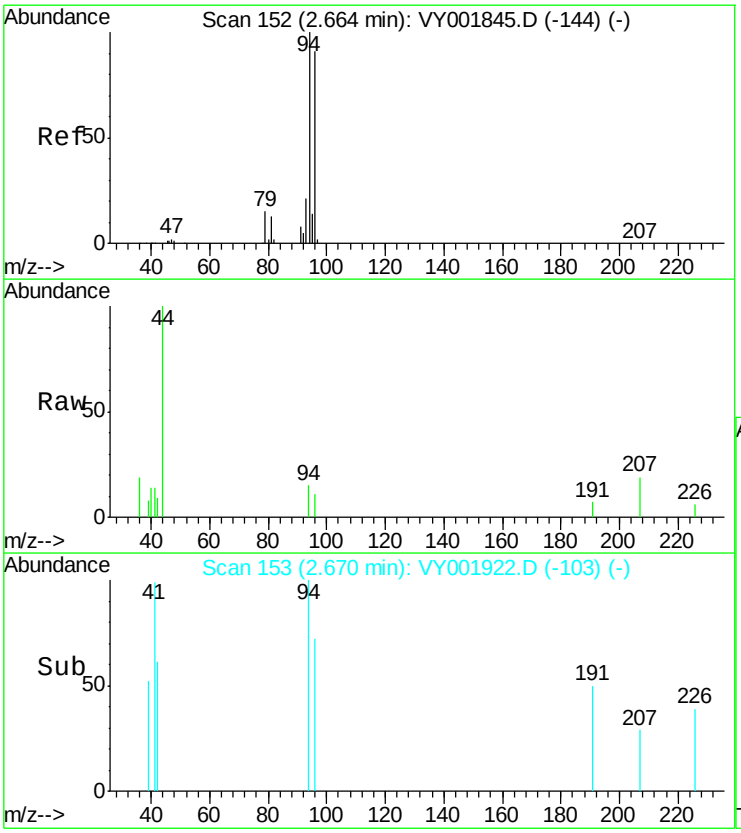
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.02 min
Lab File: VY001922.D
Acq: 10 Mar 2020 14:28

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 140058

Ion	Ratio	Lower	Upper
168	100		
99	59.9	46.7	70.1

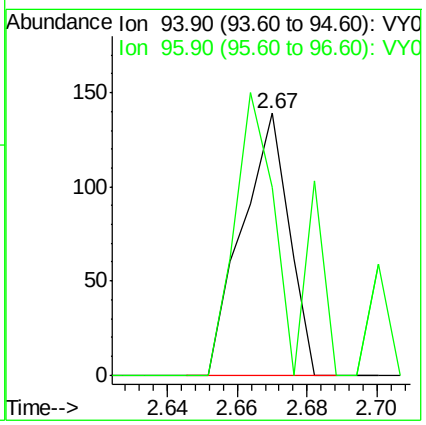


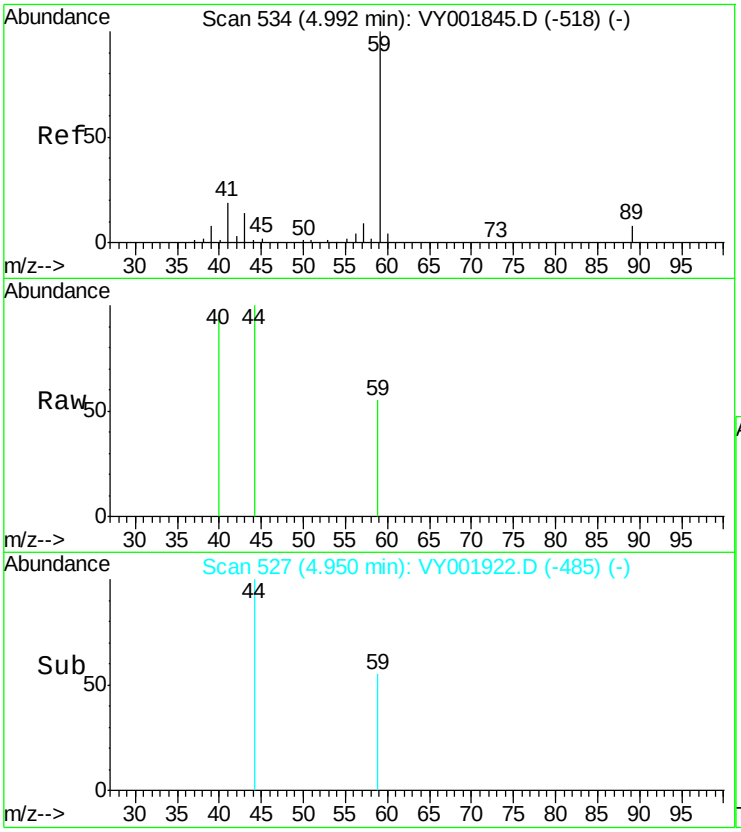


#5
Bromomethane
Concen: Below Cal
RT: 2.67 min Scan# 153
Delta R.T. 0.01 min
Lab File: VY001922.D
Acq: 10 Mar 2020 14:28

Tgt Ion: 94 Resp: 129

Ion	Ratio	Lower	Upper
94	100		
96	71.9	73.2	109.8#



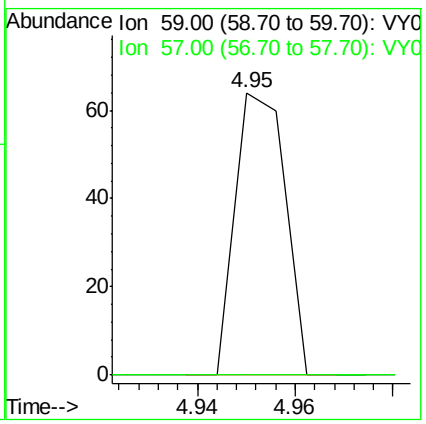


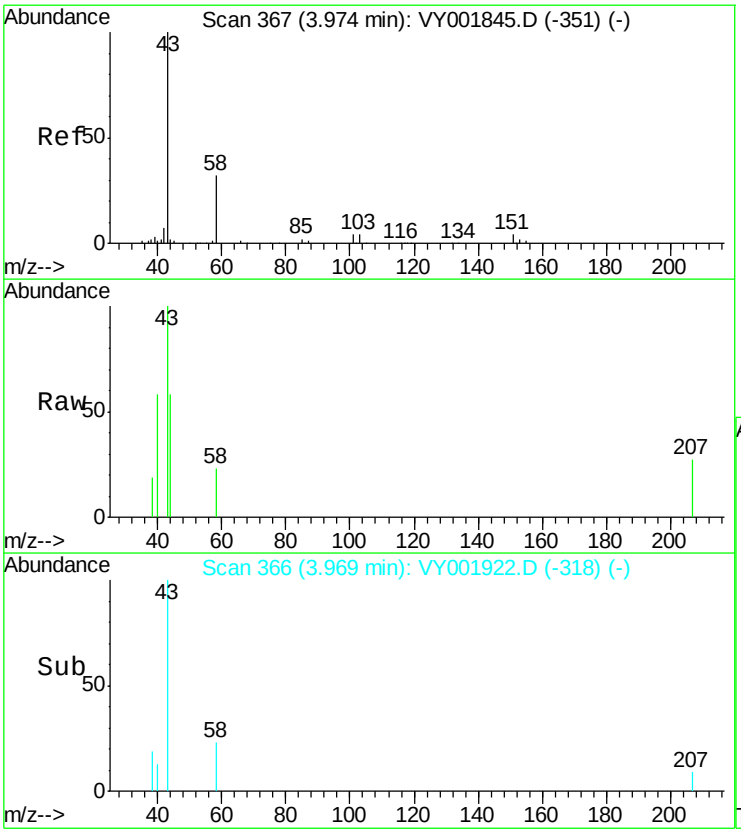
#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.95 min Scan# 527
Delta R.T. -0.04 min
Lab File: VY001922.D
Acq: 10 Mar 2020 14:28

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 59 Resp: 45

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.4	11.2#

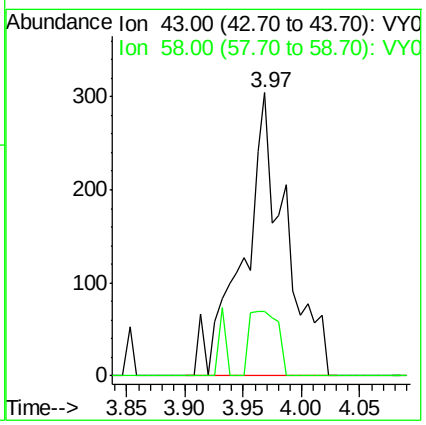


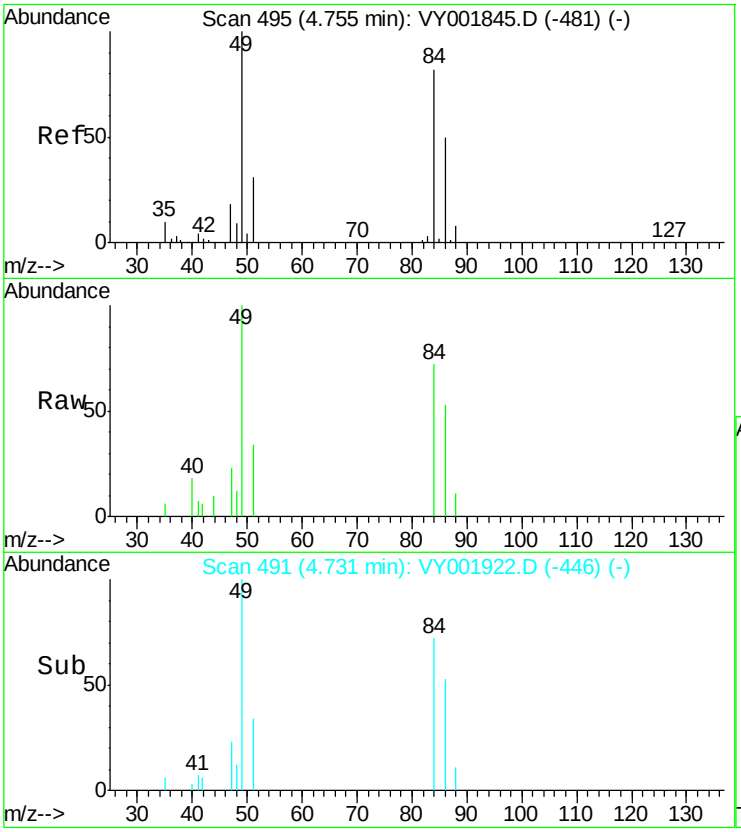


#16
Acetone
Concen: 1.764 ug/l
RT: 3.97 min Scan# 366
Delta R.T. -0.01 min
Lab File: VY001922.D
Acq: 10 Mar 2020 14:28

Tgt Ion: 43 Resp: 768

Ion	Ratio	Lower	Upper
43	100		
58	22.7	25.9	38.9#



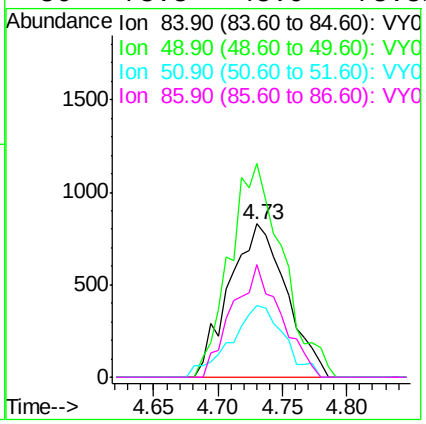


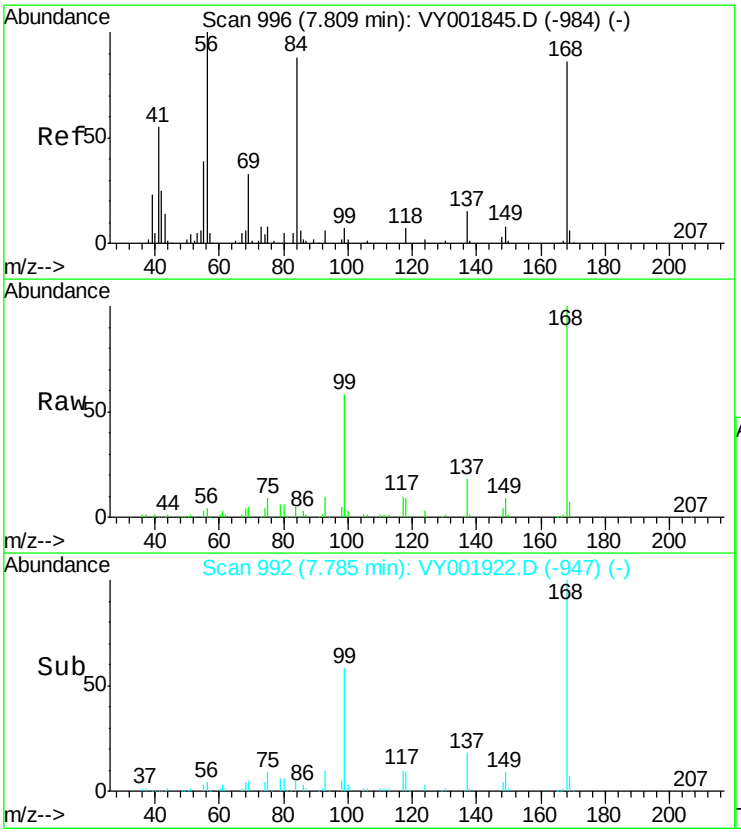
#20
Methylene Chloride
Concen: 1.362 ug/l
RT: 4.73 min Scan# 491
Delta R.T. -0.02 min
Lab File: VY001922.D
Acq: 10 Mar 2020 14:28

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 84 Resp: 2543

Ion	Ratio	Lower	Upper
84	100		
49	139.5	98.2	147.2
51	47.1	30.2	45.2#
86	73.8	48.9	73.3#

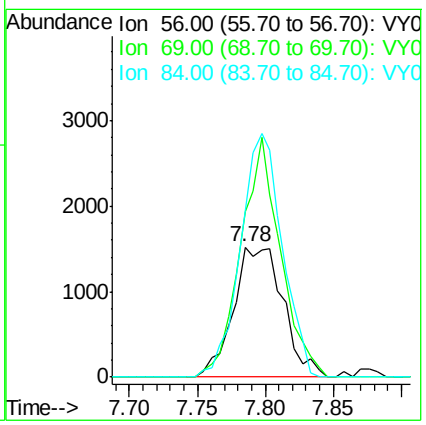


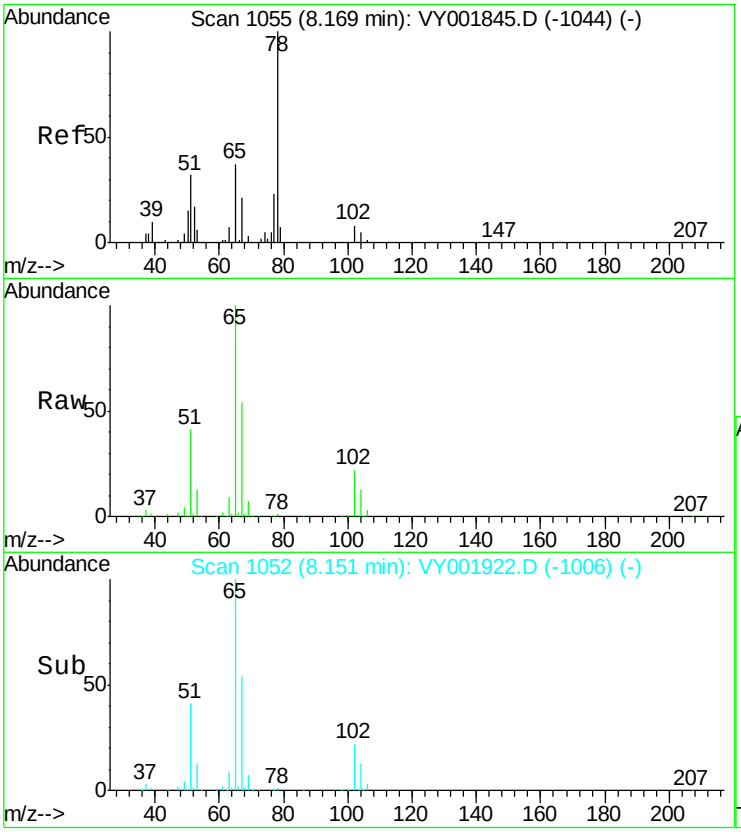


#31
Cyclohexane
Concen: 1.183 ug/l
RT: 7.78 min Scan# 992
Delta R.T. -0.02 min
Lab File: VY001922.D
Acq: 10 Mar 2020 14:28

Tgt Ion: 56 Resp: 3887

Ion	Ratio	Lower	Upper
56	100		
69	127.2	26.7	40.1#
84	128.1	70.4	105.6#



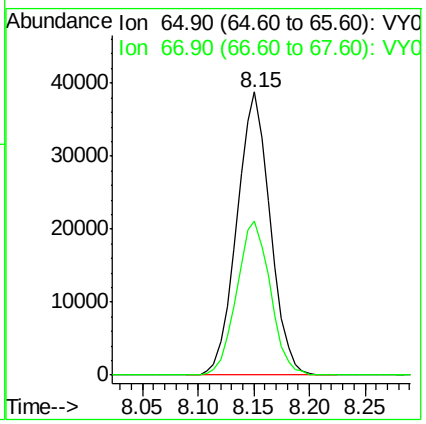


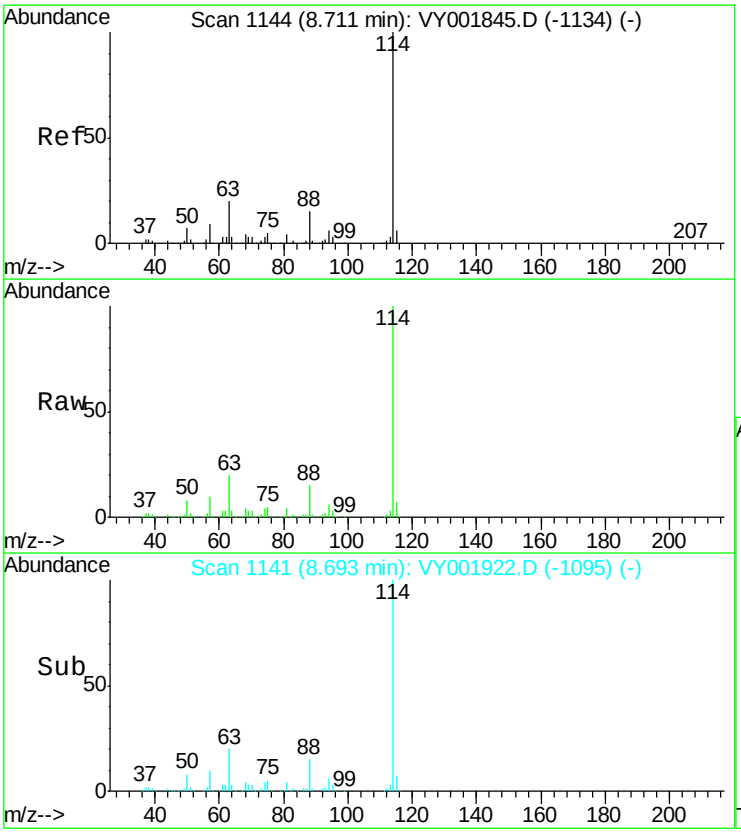
#33
1,2-Dichloroethane-d4
Concen: 53.859 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. -0.02 min
Lab File: VY001922.D
Acq: 10 Mar 2020 14:28

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 65 Resp: 80530

Ion	Ratio	Lower	Upper
65	100		
67	54.9	0.0	110.8

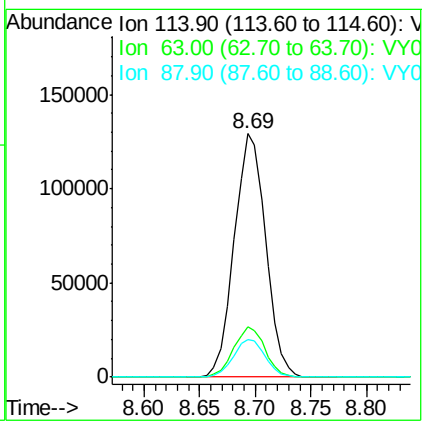


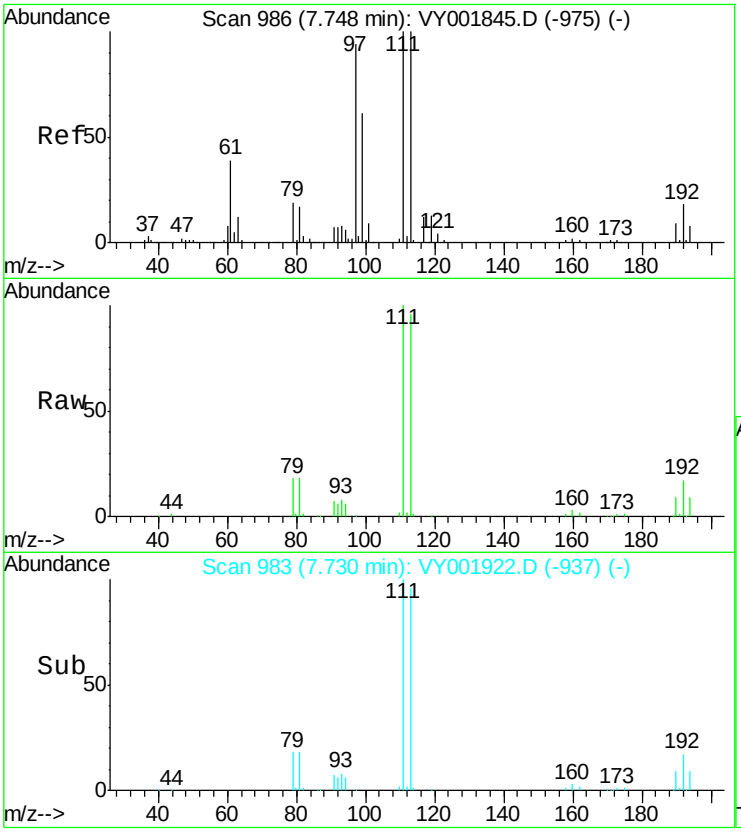


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1141
Delta R.T. -0.02 min
Lab File: VY001922.D
Acq: 10 Mar 2020 14:28

Tgt Ion:114 Resp: 252910

Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	39.4
88	15.2	0.0	30.4



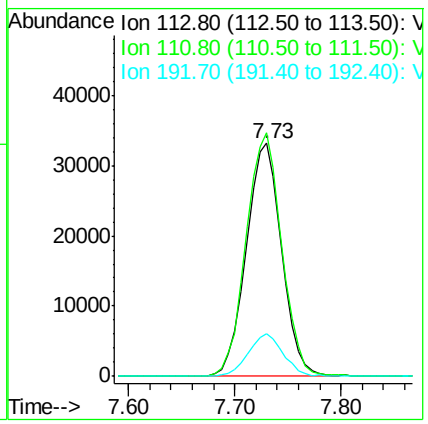


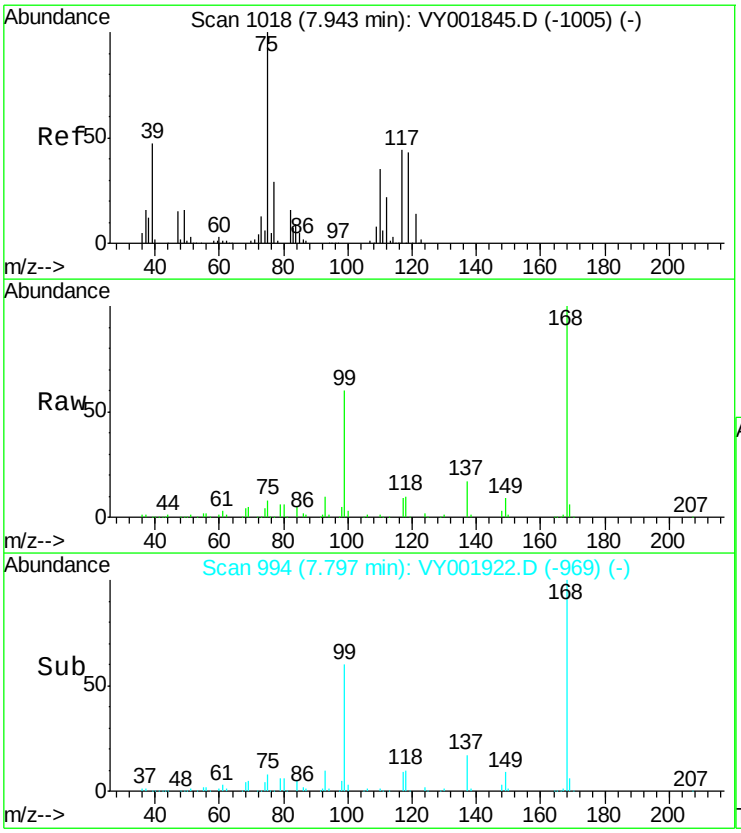
#35
Dibromofluoromethane
Concen: 55.964 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.02 min
Lab File: VY001922.D
Acq: 10 Mar 2020 14:28

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:113 Resp: 77286

Ion	Ratio	Lower	Upper
113	100		
111	105.4	81.8	122.8
192	18.2	14.2	21.2

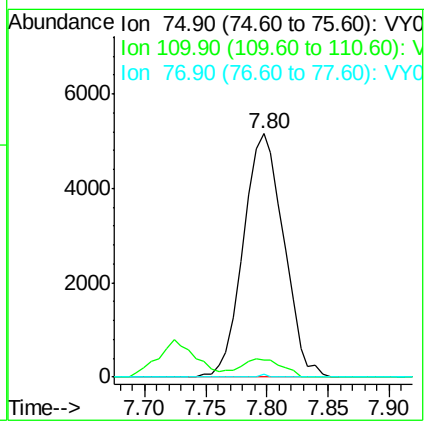


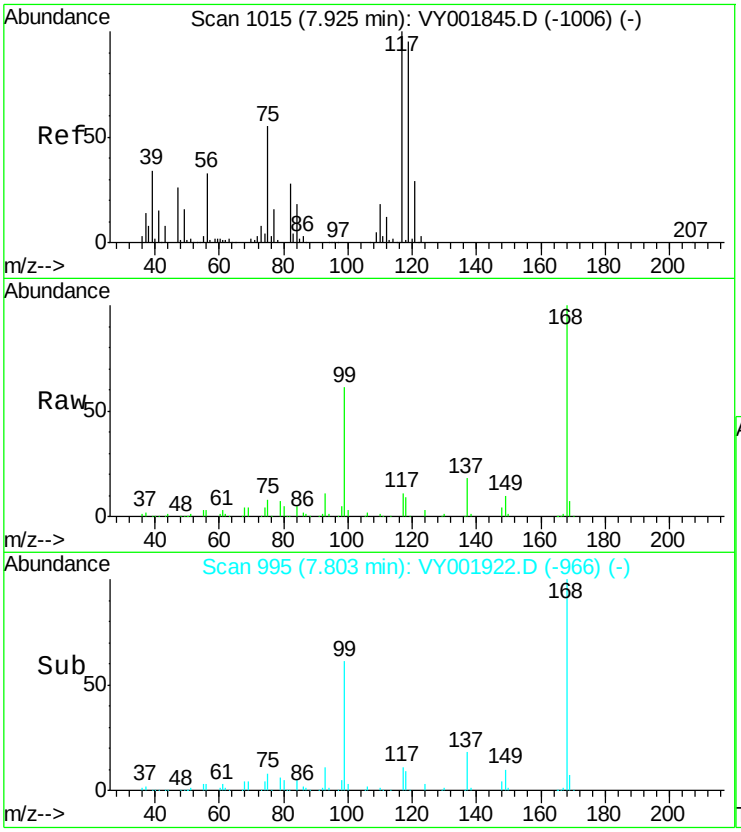


#36
1,1-Dichloropropene
Concen: 4.867 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.15 min
Lab File: VY001922.D
Acq: 10 Mar 2020 14:28

Tgt Ion: 75 Resp: 11844

Ion	Ratio	Lower	Upper
75	100		
110	7.9	17.4	52.2#
77	0.2	24.2	36.2#



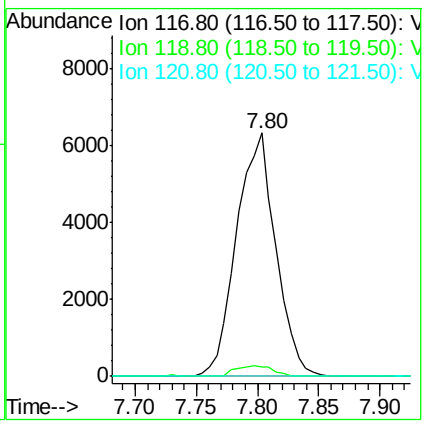


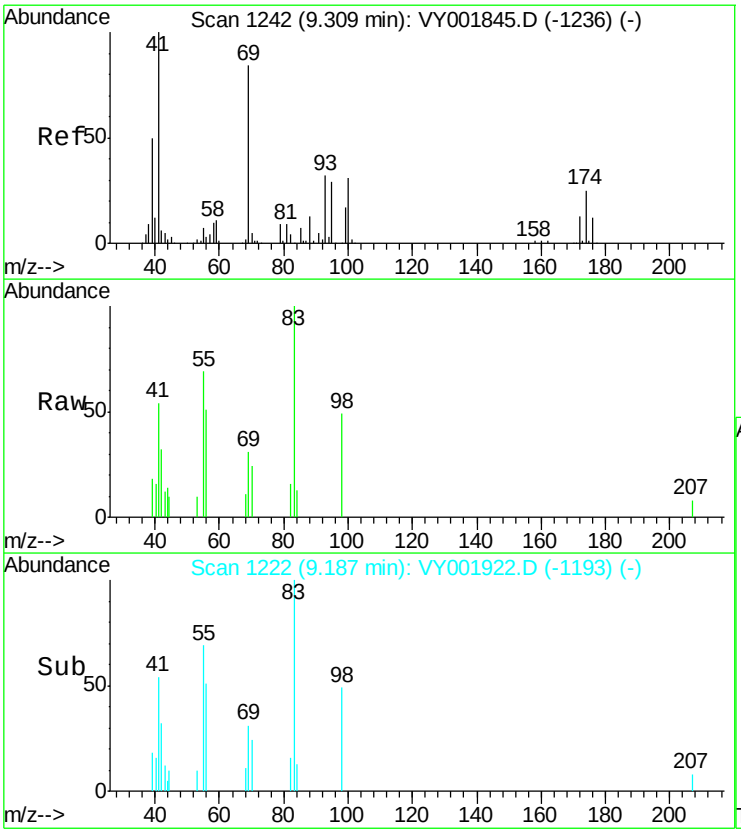
#38
Carbon Tetrachloride
Concen: 6.772 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.12 min
Lab File: VY001922.D
Acq: 10 Mar 2020 14:28

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 14080

Ion	Ratio	Lower	Upper
117	100		
119	4.0	76.3	114.5#
121	0.0	23.5	35.3#

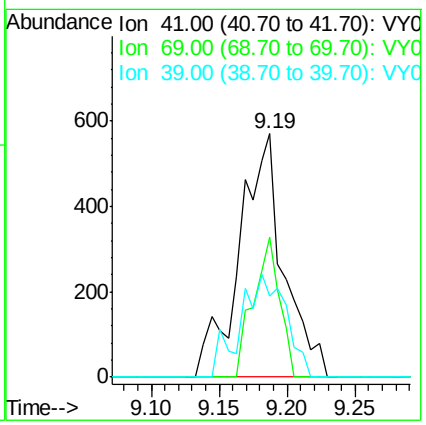


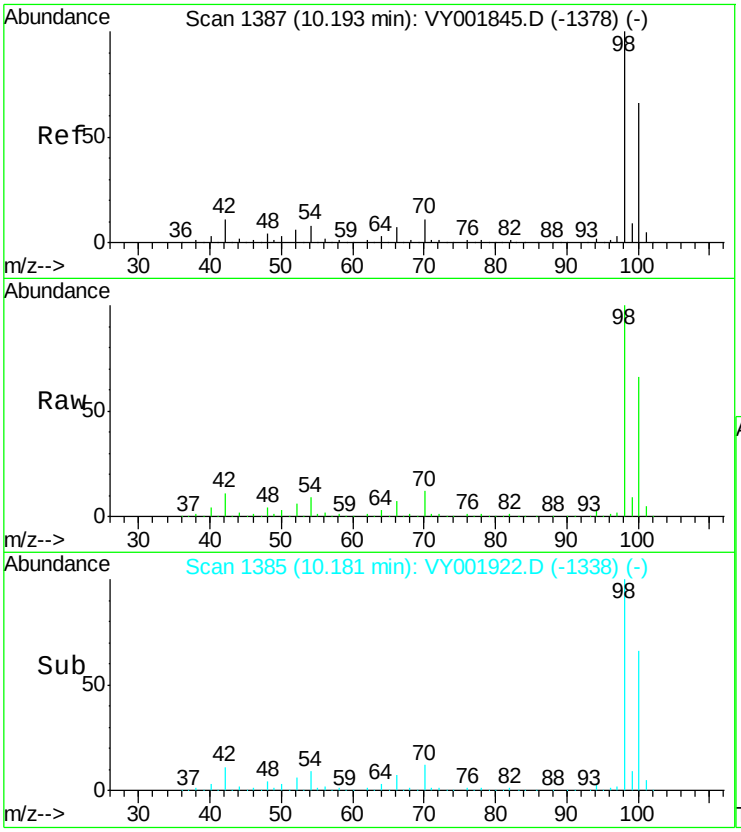


#48
Methyl methacrylate
Concen: 1.095 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.12 min
Lab File: VY001922.D
Acq: 10 Mar 2020 14:28

Tgt Ion: 41 Resp: 1301

Ion	Ratio	Lower	Upper
41	100		
69	34.2	69.0	103.6#
39	43.0	39.1	58.7



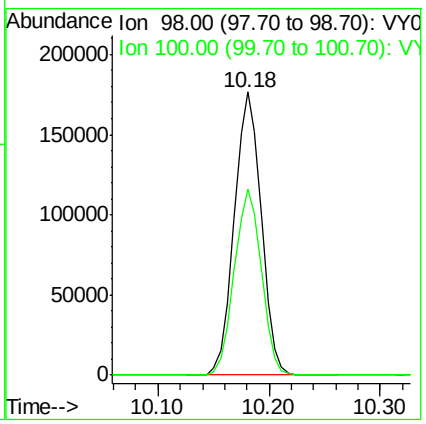


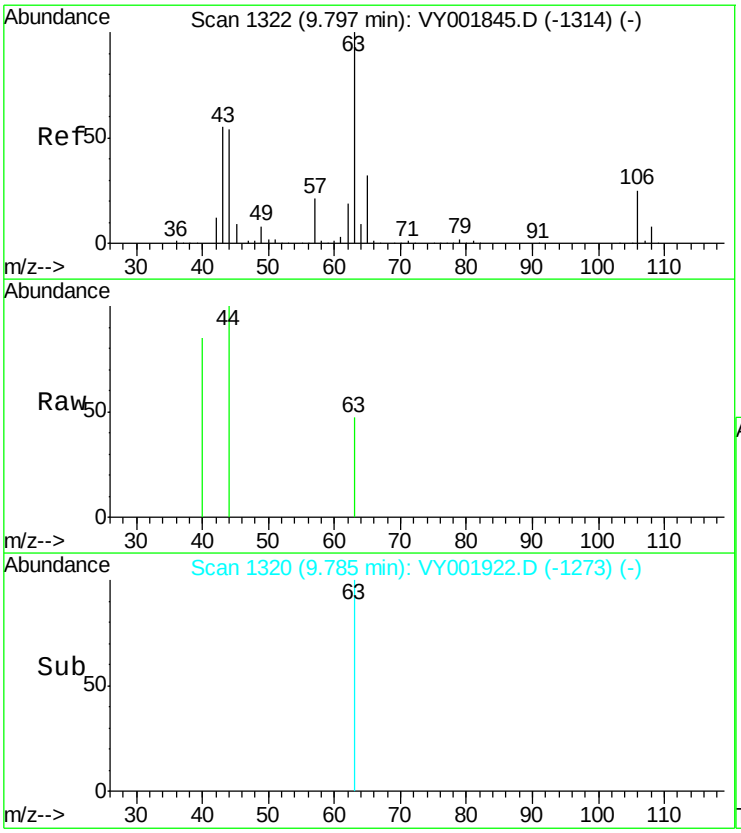
#50
Toluene-d8
Concen: 50.678 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.01 min
Lab File: VY001922.D
Acq: 10 Mar 2020 14:28

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 98 Resp: 295120

Ion	Ratio	Lower	Upper
98	100		
100	66.0	53.0	79.4

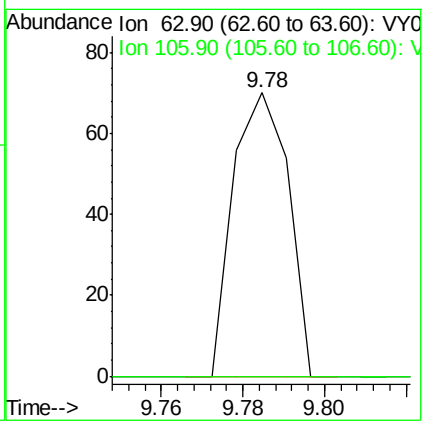


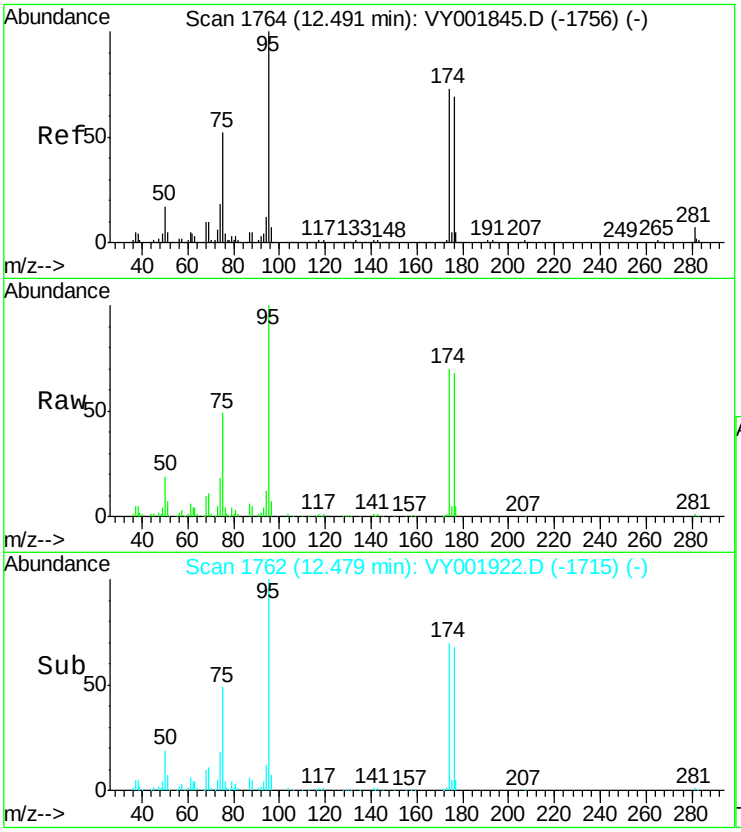


#58
2-Chloroethyl Vinyl ether
Concen: Below Cal
RT: 9.78 min Scan# 1320
Delta R.T. -0.01 min
Lab File: VY001922.D
Acq: 10 Mar 2020 14:28

Tgt Ion: 63 Resp: 66

Ion	Ratio	Lower	Upper
63	100		
106	0.0	21.3	31.9#



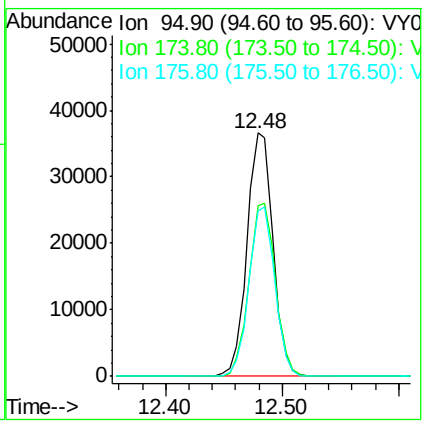


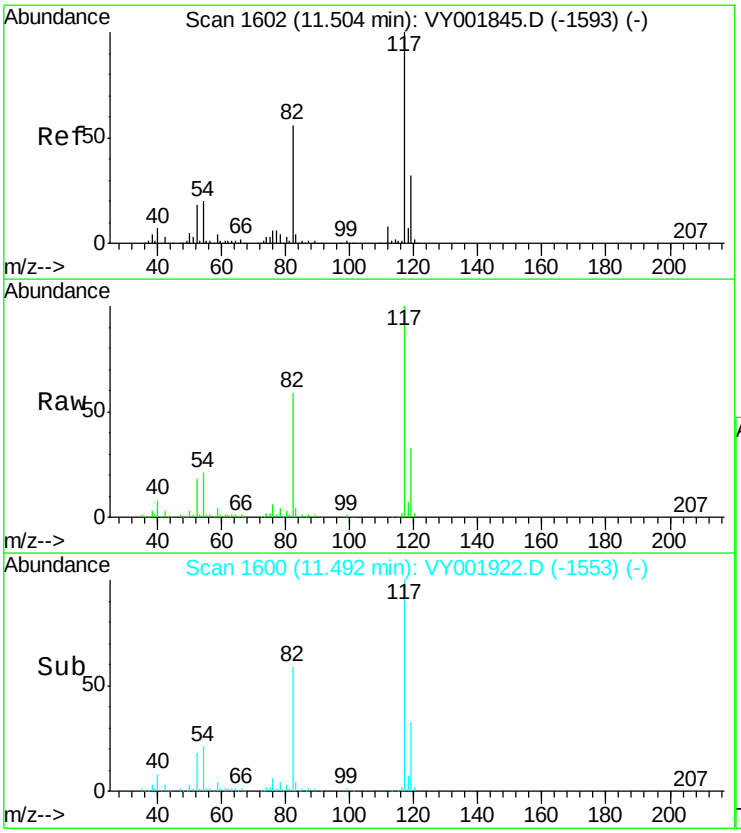
#62
4-Bromofluorobenzene
Concen: 28.142 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VY001922.D
Acq: 10 Mar 2020 14:28

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 95 Resp: 56985

Ion	Ratio	Lower	Upper
95	100		
174	72.6	0.0	145.0
176	69.5	0.0	137.4

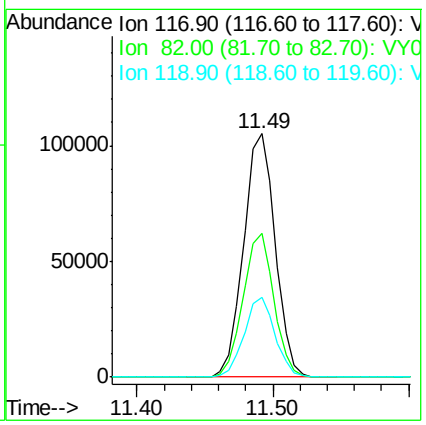


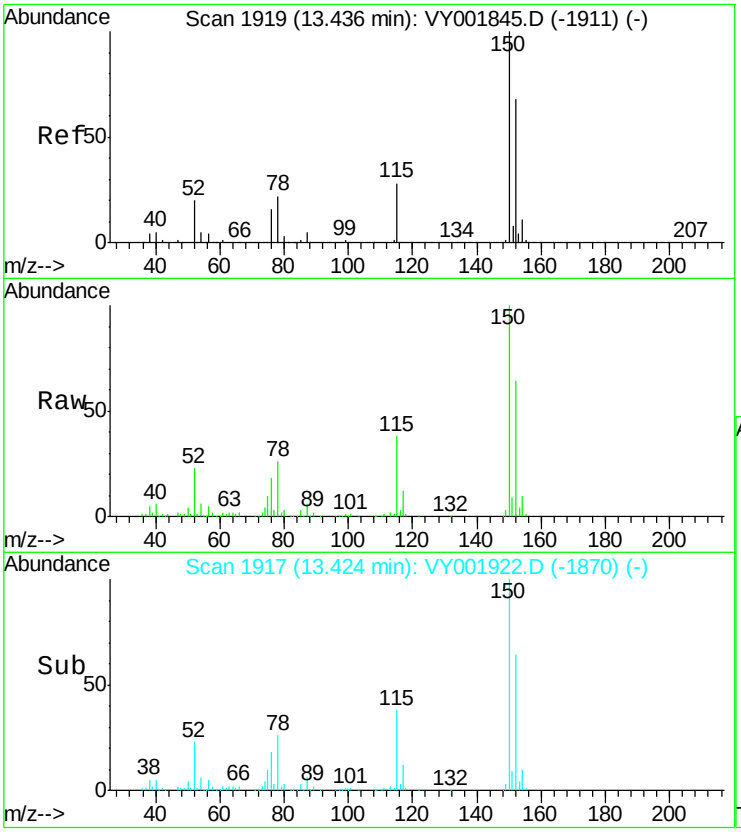


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY001922.D
Acq: 10 Mar 2020 14:28

Tgt Ion:117 Resp: 171185

Ion	Ratio	Lower	Upper
117	100		
82	58.8	44.5	66.7
119	32.9	25.7	38.5



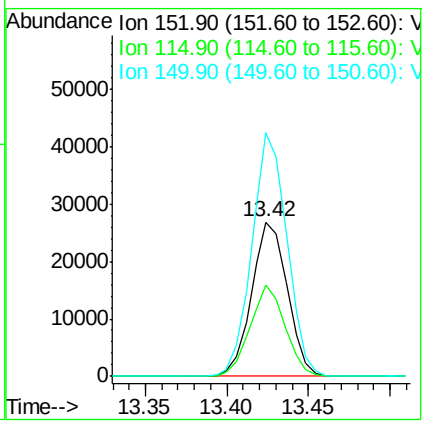


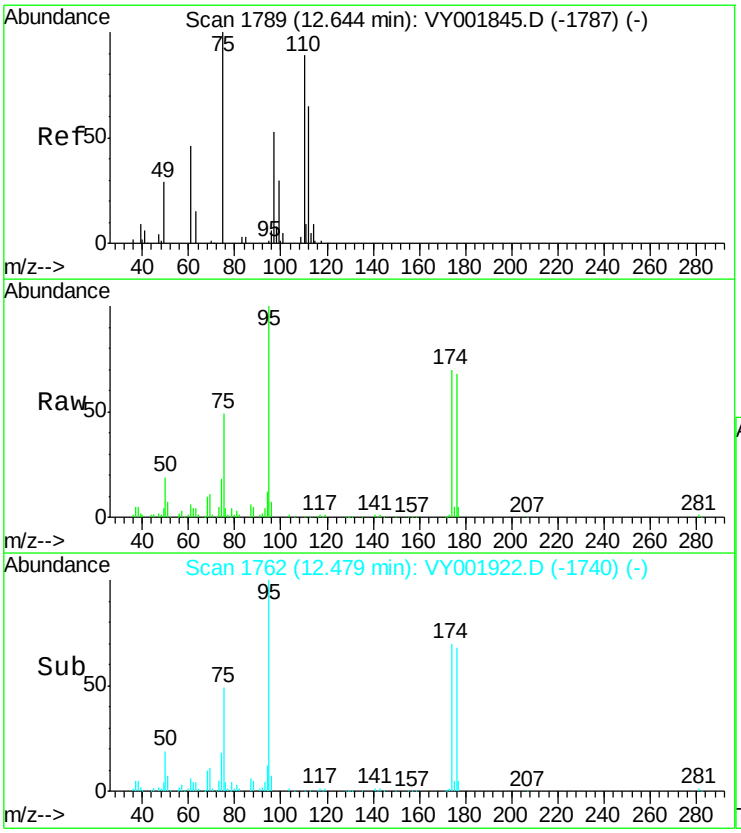
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY001922.D
Acq: 10 Mar 2020 14:28

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:152 Resp: 40925

Ion	Ratio	Lower	Upper
152	100		
115	58.2	29.9	89.7
150	155.1	0.0	340.6

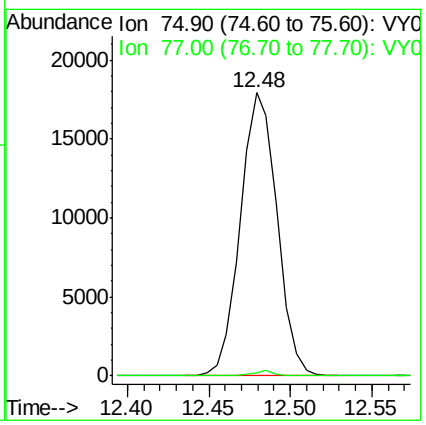


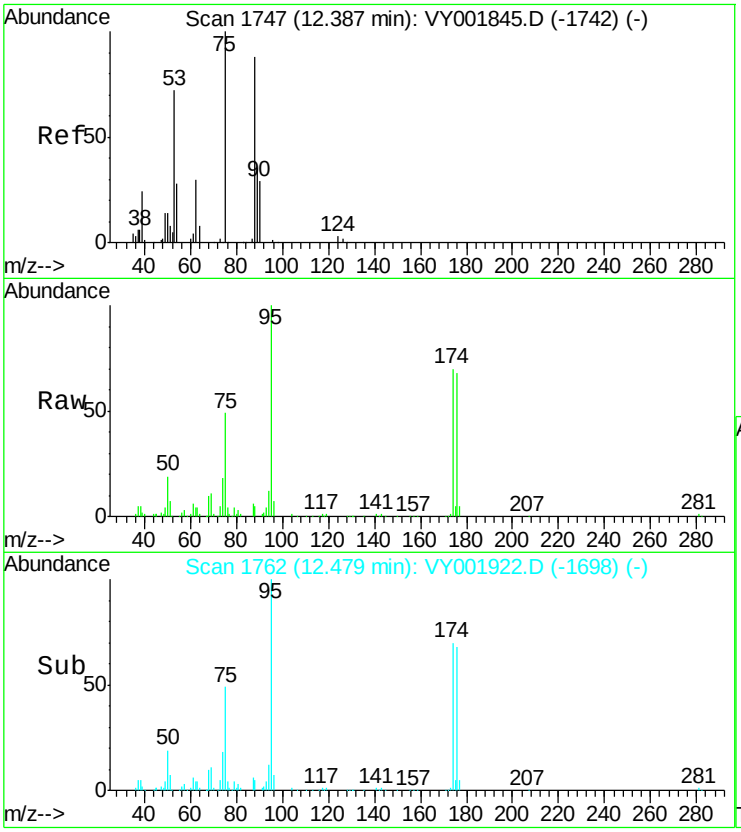


#76
1,2,3-Trichloropropane
Concen: 57.788 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.16 min
Lab File: VY001922.D
Acq: 10 Mar 2020 14:28

Tgt Ion: 75 Resp: 28062

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#



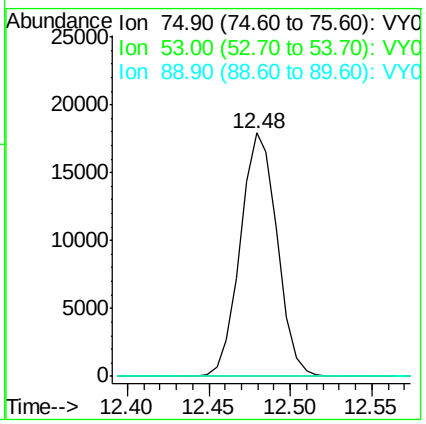


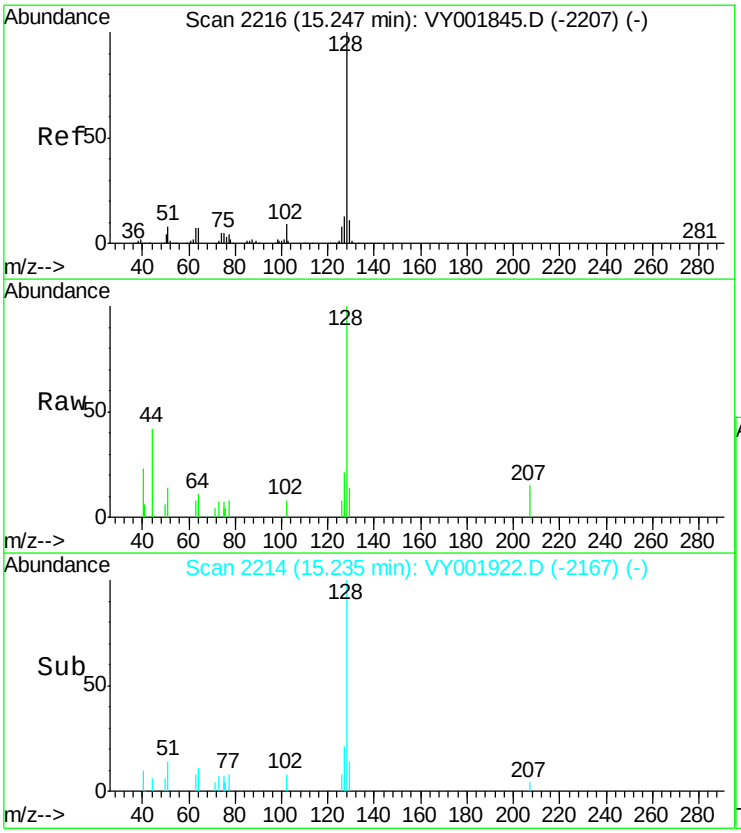
#81
trans-1,4-Dichloro-2-butene
Concen: 116.729 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.09 min
Lab File: VY001922.D
Acq: 10 Mar 2020 14:28

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 28062

Ion	Ratio	Lower	Upper
75	100		
53	0.0	65.4	98.0#
89	0.0	36.0	54.0#





#95
Naphthalene
Concen: 1.324 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.01 min
Lab File: VY001922.D
Acq: 10 Mar 2020 14:28

Tgt Ion:128 Resp: 2399

Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.1	15.1
129	15.7	8.6	13.0#