Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY101819\
Data File : VY000347.D
Acq On : 18 Oct 2019 13:06
Operator : SY/MD
Sample : K5420-03
Misc : 6.21G/5ML/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Time: Oct 19 00:53:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 17 02:03:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	283303	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	476856	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	411406	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	179002	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	154794	51.80	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.60%			
35) Dibromofluoromethane	7.74	113	136159	47.34	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.68%			
50) Toluene-d8	10.19	98	550991	49.80	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.60%			
62) 4-Bromofluorobenzene	12.48	95	179414	42.68	ug/l	0.00
Spiked Amount 50.000			Recovery = 85.36%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.90	85	38	Below Cal	#	41
10) Methyl Iodide	4.10	142	88	1.207	ug/l #	41
11) Tert butyl alcohol	4.98	59	1177	3.764	ug/l #	73
16) Acetone	3.97	43	1476	1.525	ug/l #	80
20) Methylene Chloride	4.72	84	9065	Below Cal		98
31) Cyclohexane	7.80	56	6097	1.066	ug/l #	10
36) 1,1-Dichloropropene	7.80	75	22630	4.847	ug/l #	48
38) Carbon Tetrachloride	7.80	117	28058	6.207	ug/l #	17
49) 1,4-Dioxane	9.08	88	28	1.009	ug/l #	1
76) 1,2,3-Trichloropropane	12.48	75	96598	43.886	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	96598	96.021	ug/l #	14

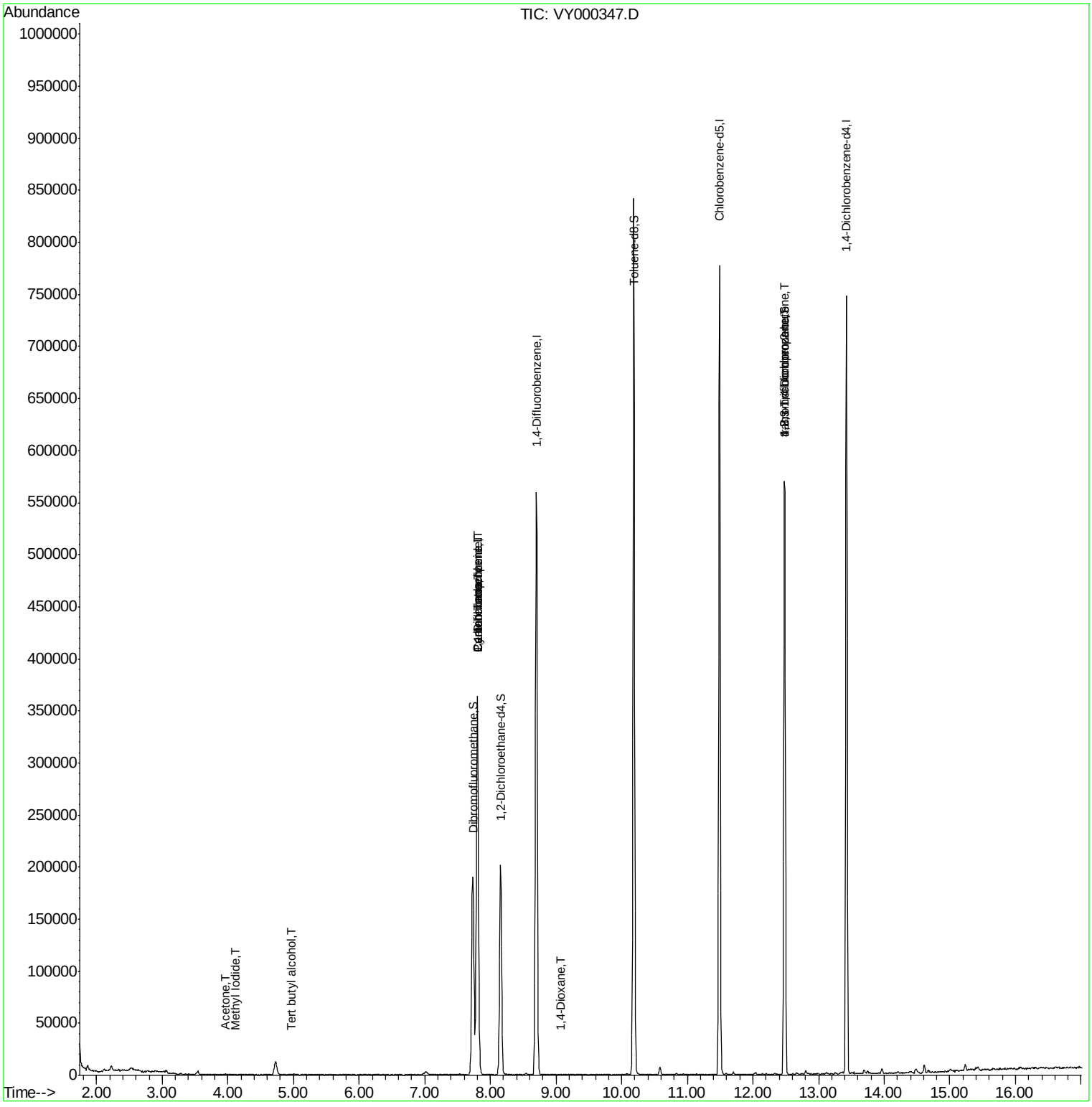
(#) = qualifier out of range (m) = manual integration (+) = signals summed

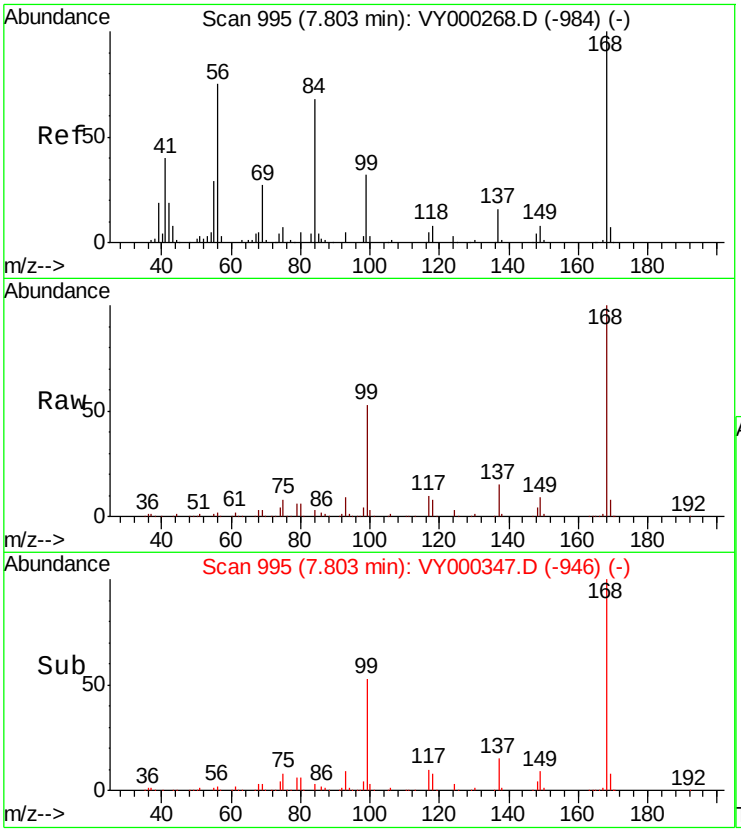
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY101819\
Data File : VY000347.D
Acq On : 18 Oct 2019 13:06
Operator : SY/MD
Sample : K5420-03
Misc : 6.21G/5ML/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Oct 19 00:53:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 17 02:03:07 2019
Response via : Initial Calibration



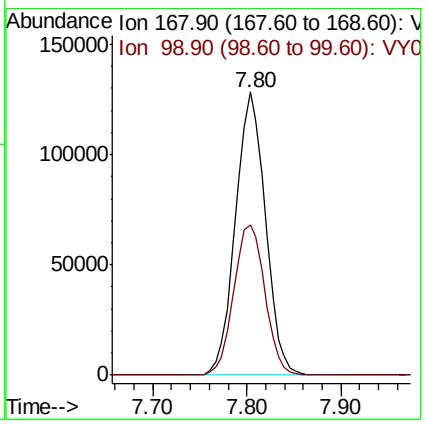


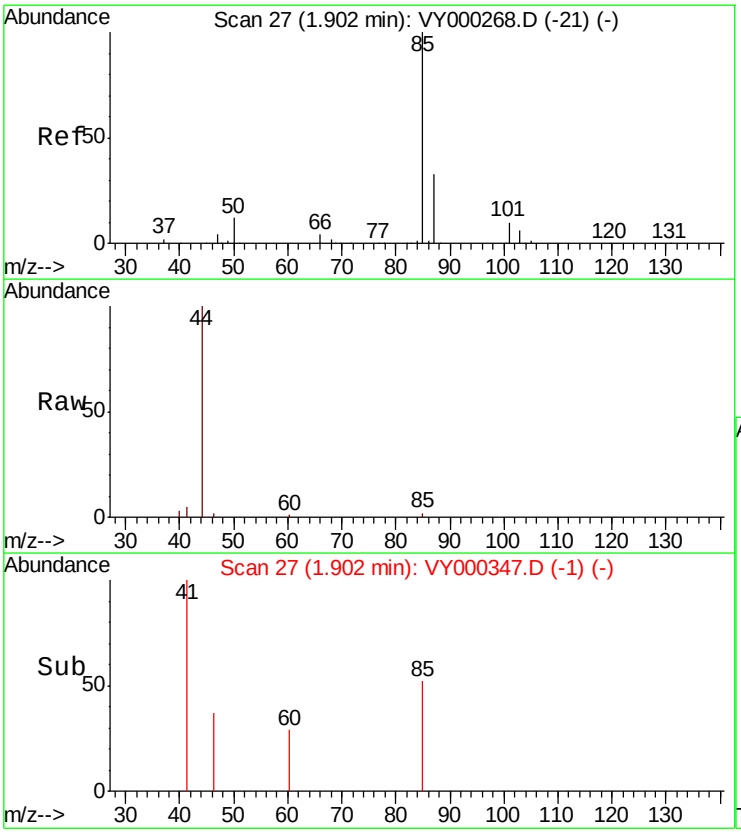
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.00 min
Lab File: VY000347.D
Acq: 18 Oct 2019 13:06

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 283303

Ion	Ratio	Lower	Upper
168	100		
99	53.3	46.6	69.8

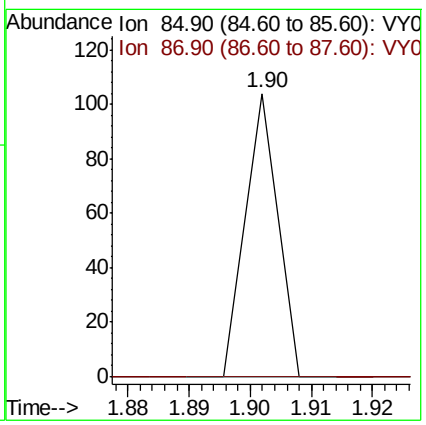


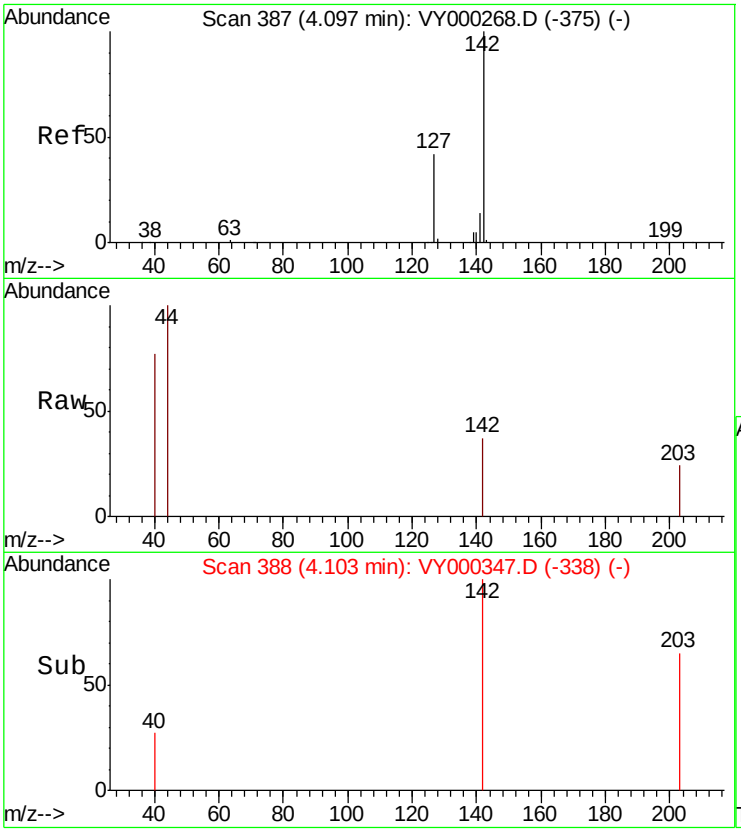


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.90 min Scan# 27
Delta R.T. 0.00 min
Lab File: VY000347.D
Acq: 18 Oct 2019 13:06

Tgt Ion: 85 Resp: 38

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.6	49.8#



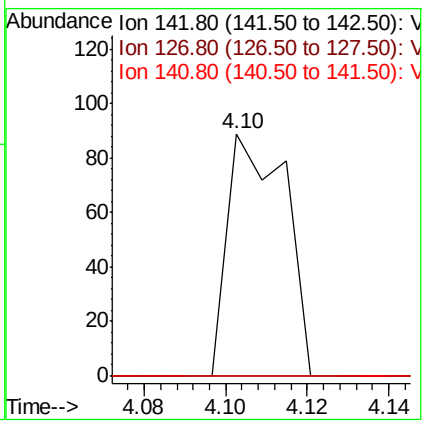


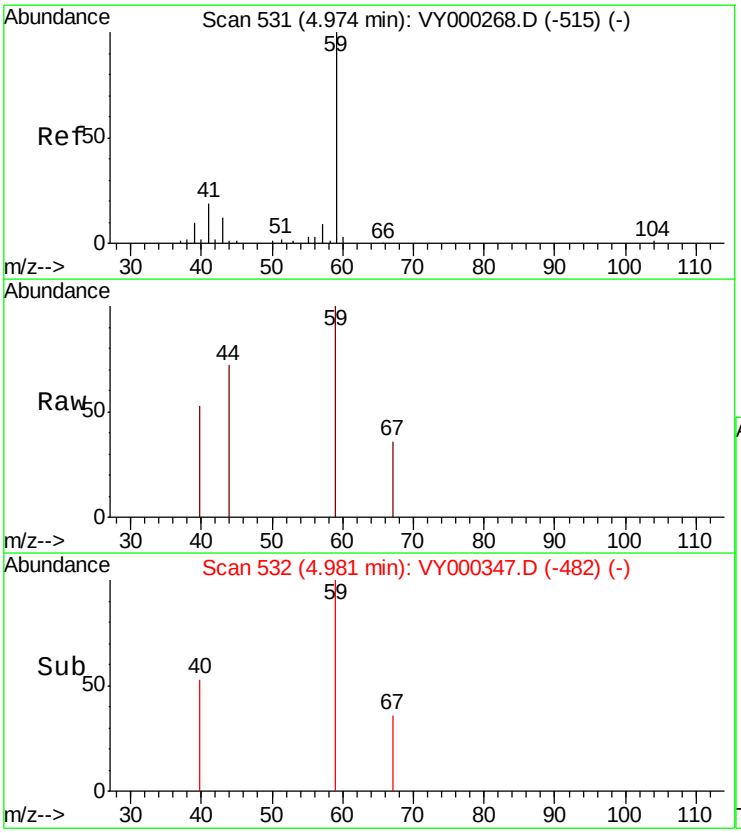
#10
Methyl Iodide
Concen: 1.207 ug/l
RT: 4.10 min Scan# 388
Delta R.T. 0.01 min
Lab File: VY000347.D
Acq: 18 Oct 2019 13:06

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion:142 Resp: 88

Ion	Ratio	Lower	Upper
142	100		
127	0.0	33.9	50.9#
141	0.0	11.2	16.8#

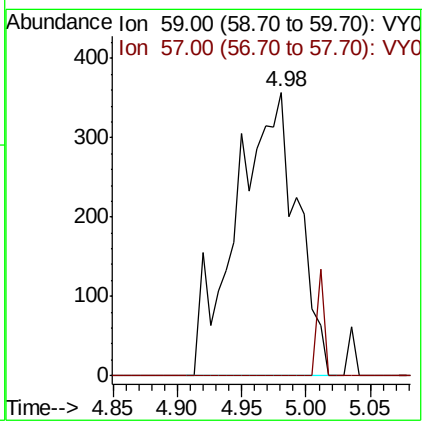


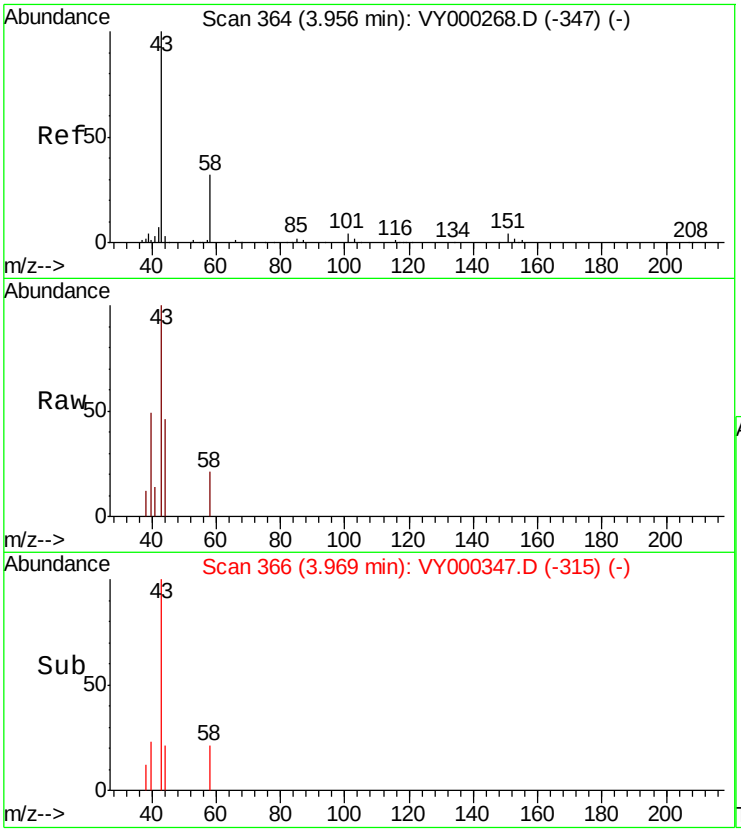


#11
Tert butyl alcohol
Concen: 3.764 ug/l
RT: 4.98 min Scan# 532
Delta R.T. 0.01 min
Lab File: VY000347.D
Acq: 18 Oct 2019 13:06

Tgt Ion: 59 Resp: 1177

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.2#



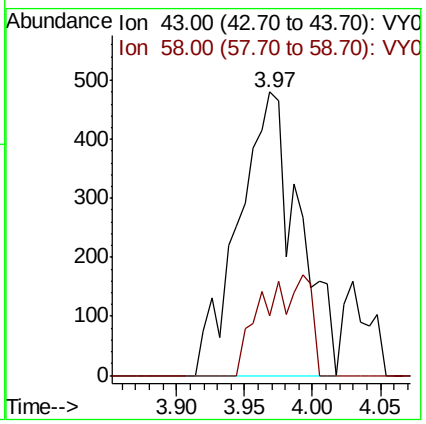


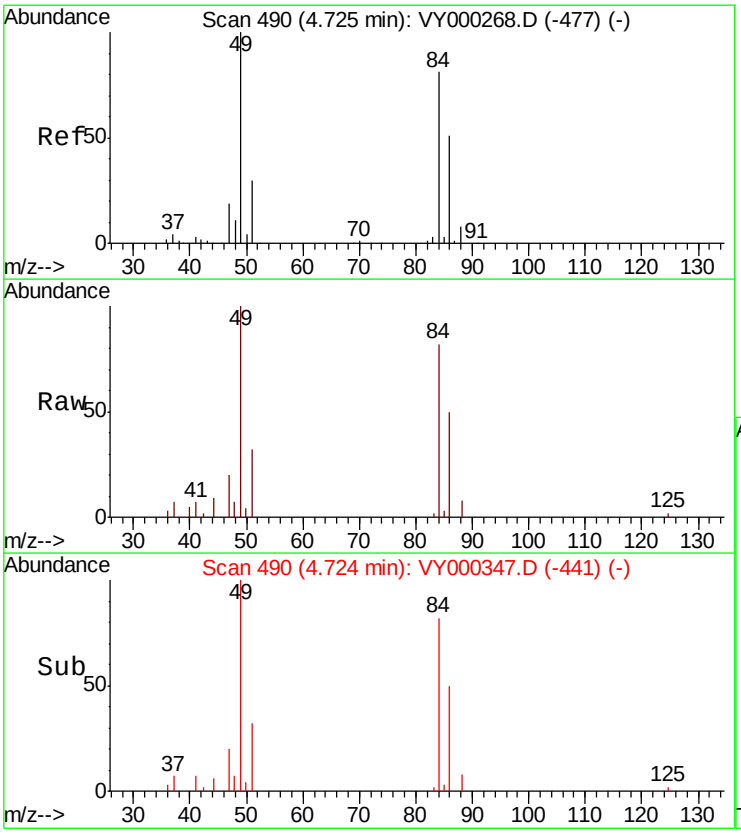
#16
Acetone
Concen: 1.525 ug/l
RT: 3.97 min Scan# 366
Delta R.T. 0.01 min
Lab File: VY000347.D
Acq: 18 Oct 2019 13:06

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 1476

Ion	Ratio	Lower	Upper
43	100		
58	21.0	25.8	38.6#

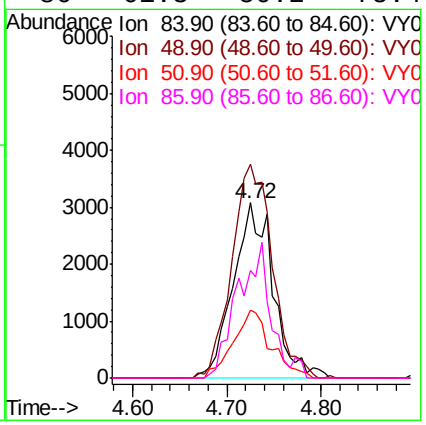


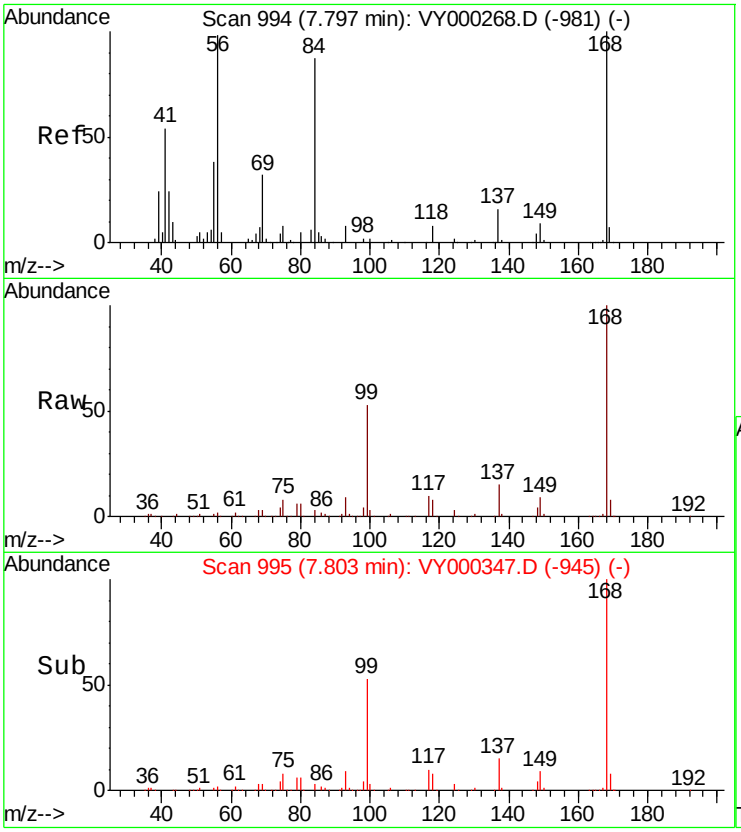


#20
Methylene Chloride
Concen: Below Cal
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY000347.D
Acq: 18 Oct 2019 13:06

Tgt Ion: 84 Resp: 9065

Ion	Ratio	Lower	Upper
84	100		
49	121.8	99.0	148.4
51	38.7	29.3	43.9
86	61.3	50.2	75.4



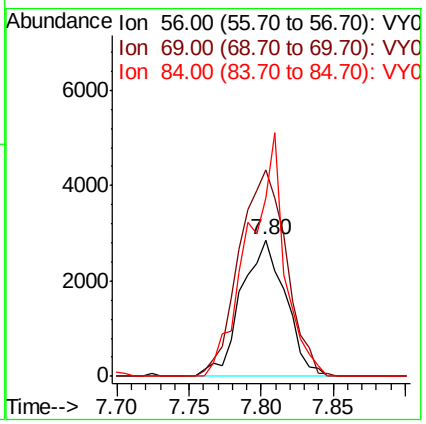


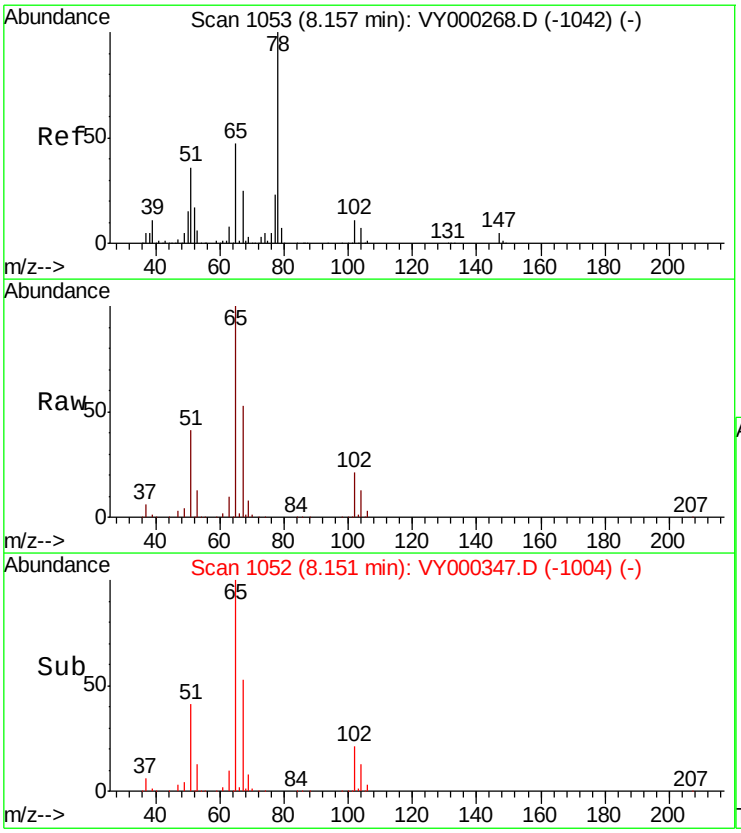
#31
Cyclohexane
Concen: 1.066 ug/l
RT: 7.80 min Scan# 995
Delta R.T. 0.01 min
Lab File: VY000347.D
Acq: 18 Oct 2019 13:06

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 56 Resp: 6097

Ion	Ratio	Lower	Upper
56	100		
69	151.4	26.3	39.5#
84	130.6	70.8	106.2#

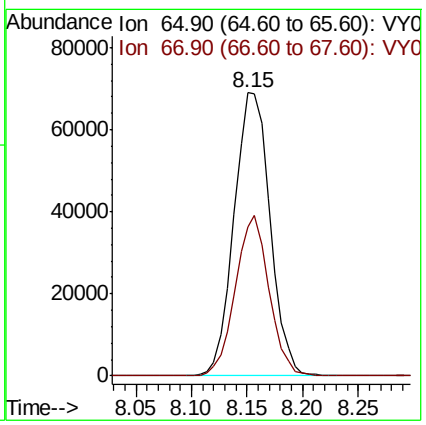


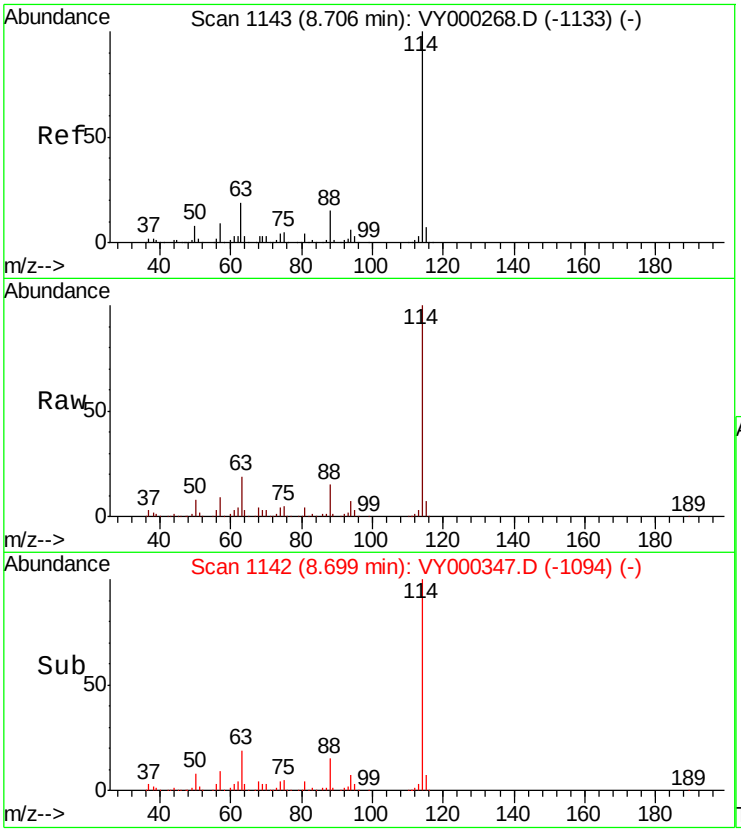


#33
1,2-Dichloroethane-d4
Concen: 51.798 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VY000347.D
Acq: 18 Oct 2019 13:06

Tgt Ion: 65 Resp: 154794

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	109.4



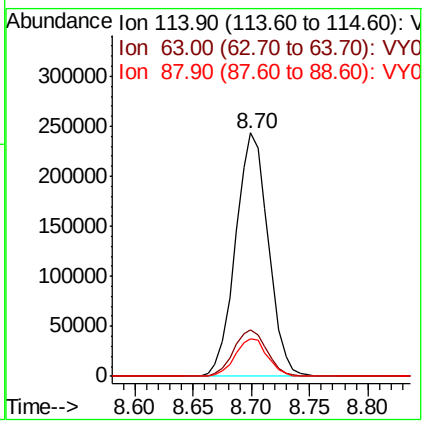


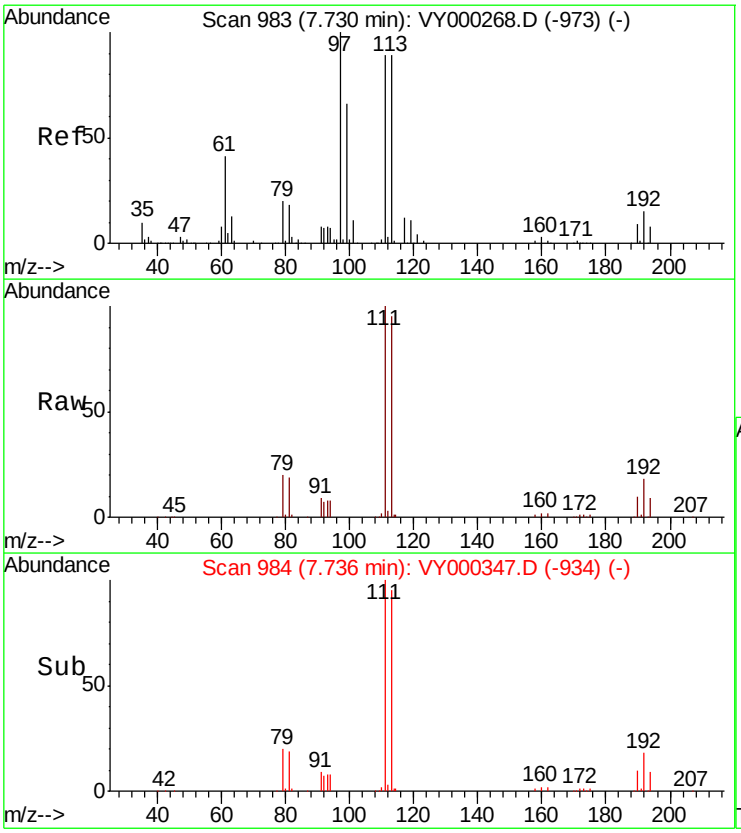
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.70 min Scan# 1142
Delta R.T. -0.01 min
Lab File: VY000347.D
Acq: 18 Oct 2019 13:06

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:114 Resp: 476856

Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	37.2
88	15.2	0.0	30.2

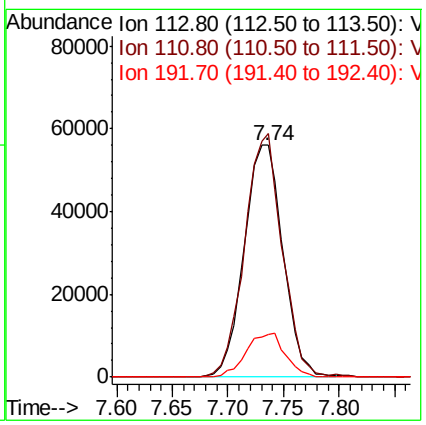


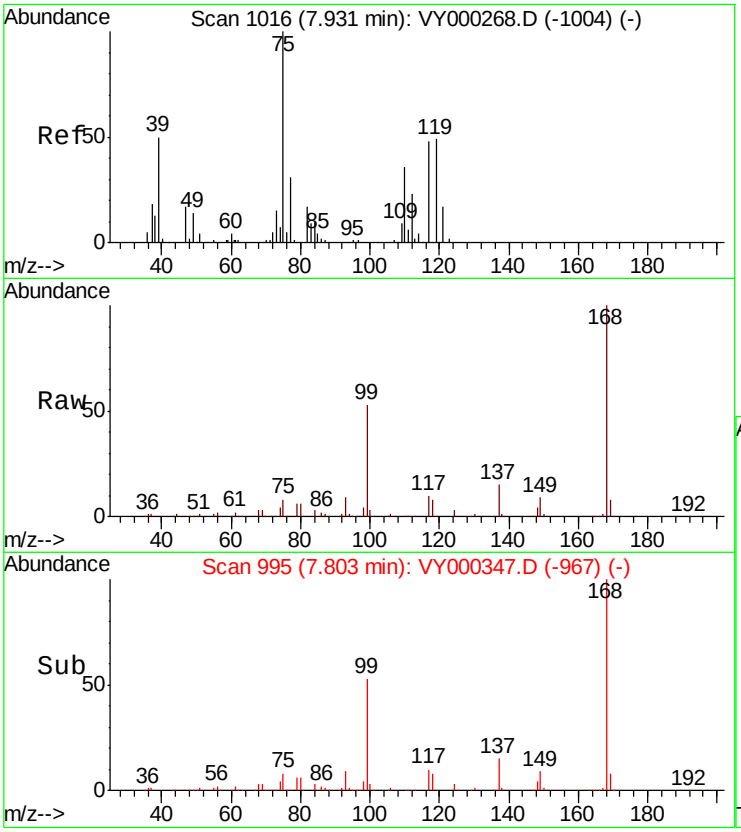


#35
Dibromofluoromethane
Concen: 47.336 ug/l
RT: 7.74 min Scan# 984
Delta R.T. 0.01 min
Lab File: VY000347.D
Acq: 18 Oct 2019 13:06

Tgt Ion:113 Resp: 136159

Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.6	122.4
192	19.1	15.3	22.9



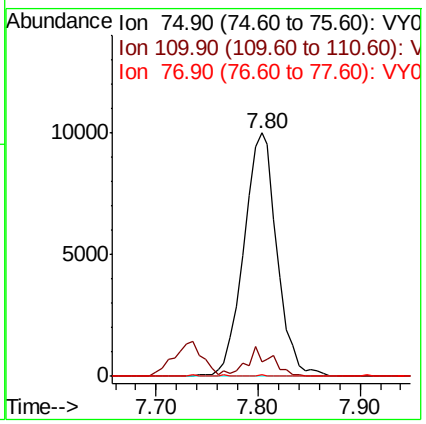


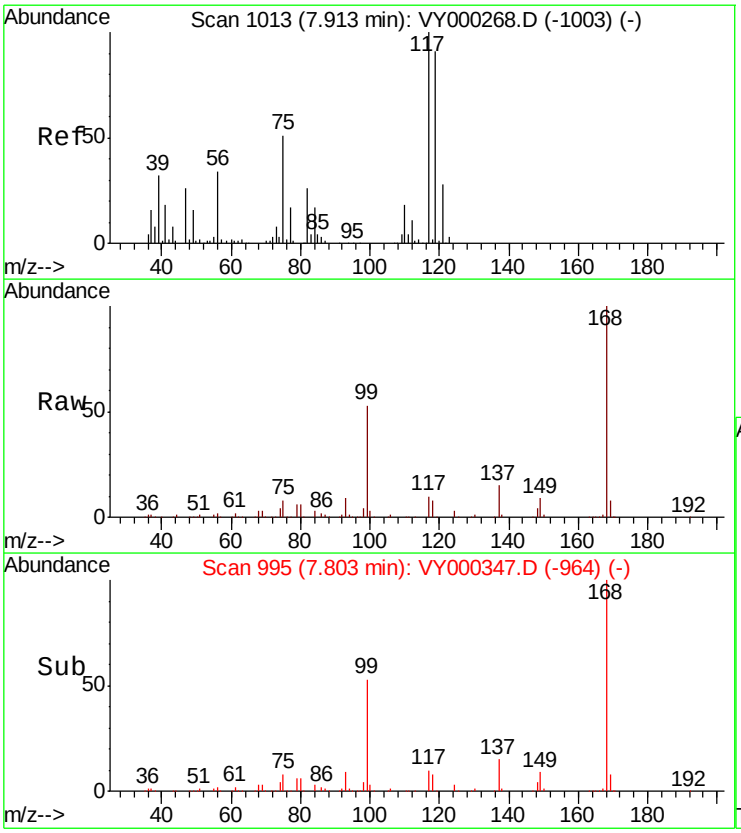
#36
1,1-Dichloropropene
Concen: 4.847 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.13 min
Lab File: VY000347.D
Acq: 18 Oct 2019 13:06

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 22630

Ion	Ratio	Lower	Upper
75	100		
110	8.6	18.4	55.4#
77	0.1	25.0	37.6#

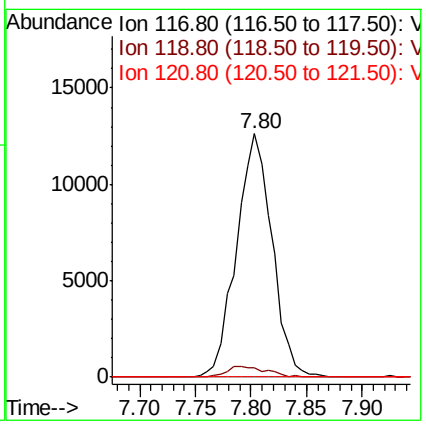


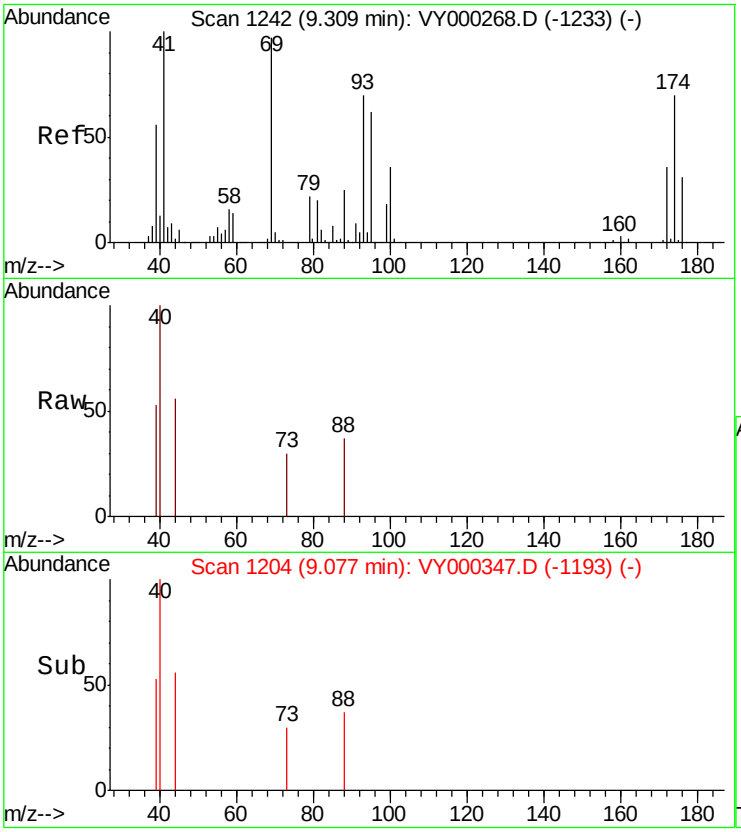


#38
Carbon Tetrachloride
Concen: 6.207 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.11 min
Lab File: VY000347.D
Acq: 18 Oct 2019 13:06

Tgt Ion:117 Resp: 28058

Ion	Ratio	Lower	Upper
117	100		
119	4.0	72.8	109.2#
121	0.0	22.2	33.2#



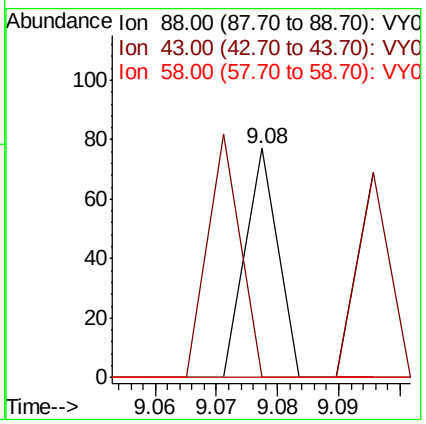


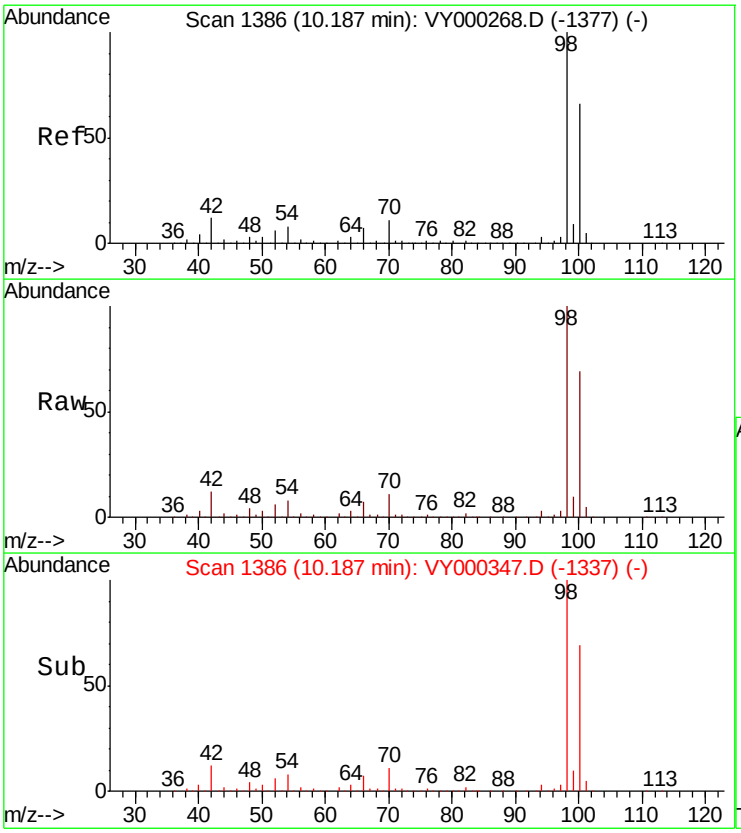
#49
1,4-Dioxane
Concen: 1.009 ug/l
RT: 9.08 min Scan# 1204
Delta R.T. -0.23 min
Lab File: VY000347.D
Acq: 18 Oct 2019 13:06

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 88 Resp: 28

Ion	Ratio	Lower	Upper
88	100		
43	107.1	25.6	38.4#
58	0.0	54.6	81.8#

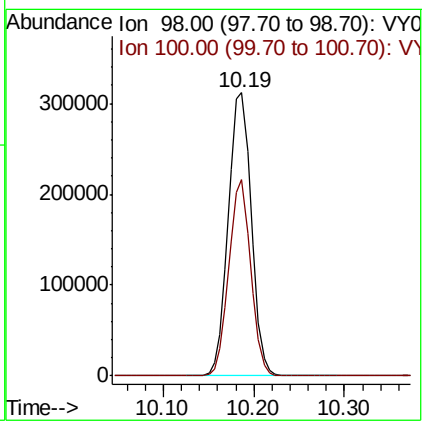


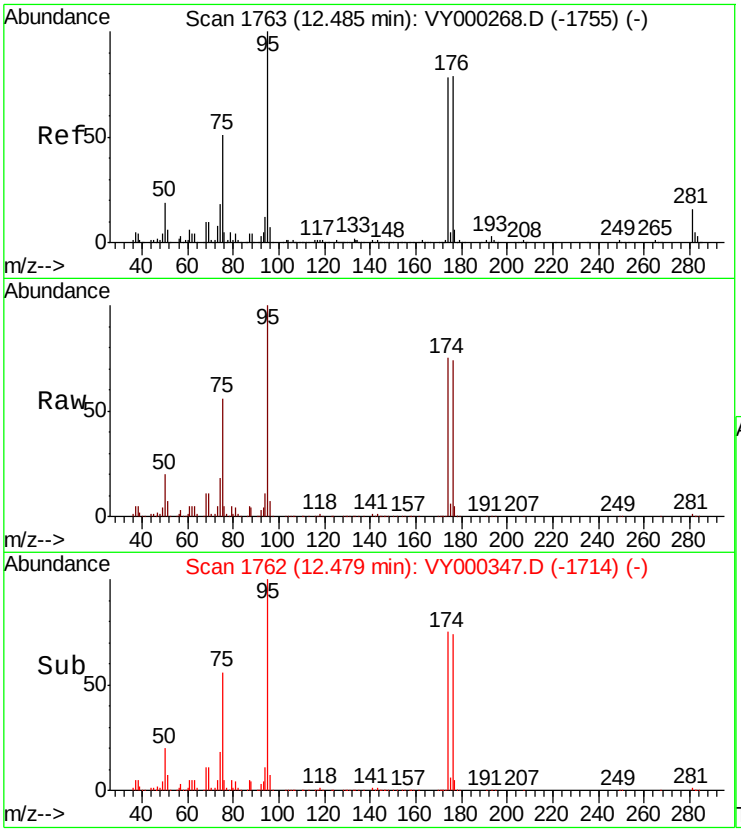


#50
Toluene-d8
Concen: 49.796 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.00 min
Lab File: VY000347.D
Acq: 18 Oct 2019 13:06

Tgt Ion: 98 Resp: 550991

Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.8	79.2



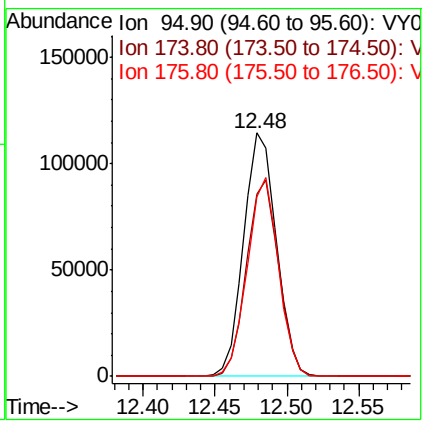


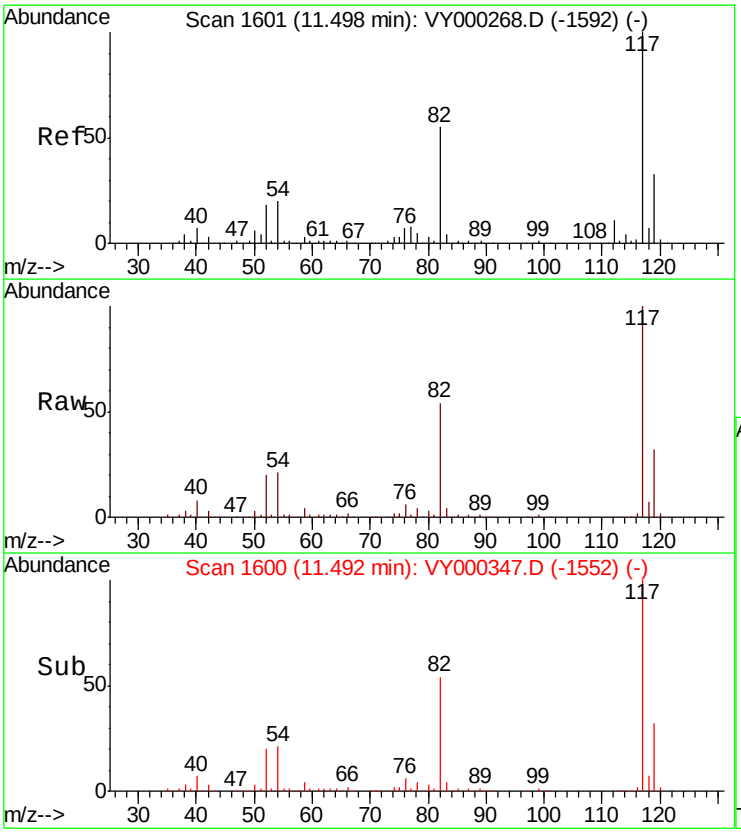
#62
4-Bromofluorobenzene
Concen: 42.680 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VY000347.D
Acq: 18 Oct 2019 13:06

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 95 Resp: 179414

Ion	Ratio	Lower	Upper
95	100		
174	79.6	0.0	159.6
176	78.0	0.0	153.8

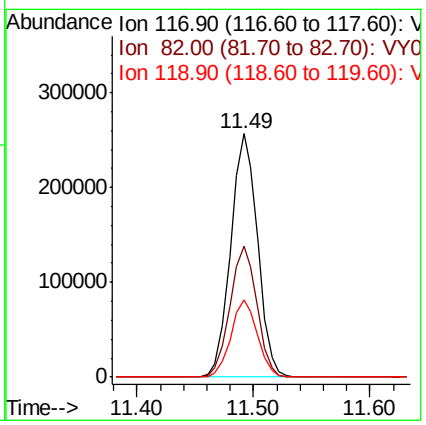


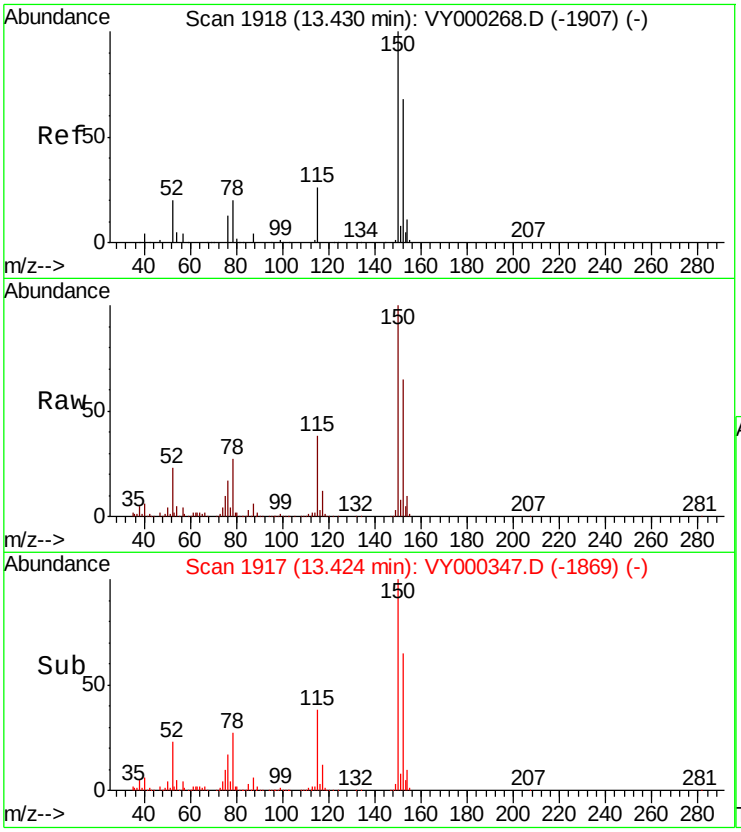


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000347.D
Acq: 18 Oct 2019 13:06

Tgt Ion:117 Resp: 411406

Ion	Ratio	Lower	Upper
117	100		
82	53.6	43.7	65.5
119	31.6	26.6	39.8



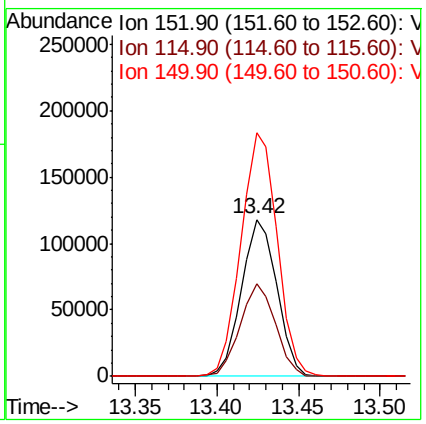


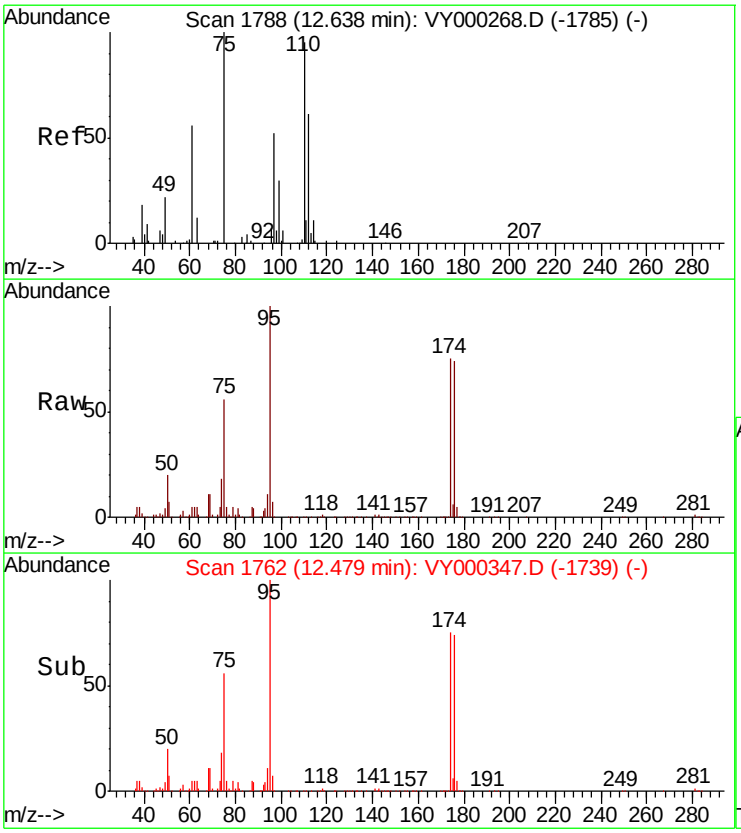
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000347.D
Acq: 18 Oct 2019 13:06

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:152 Resp: 179002

Ion	Ratio	Lower	Upper
152	100		
115	59.1	29.3	88.0
150	158.6	0.0	348.4

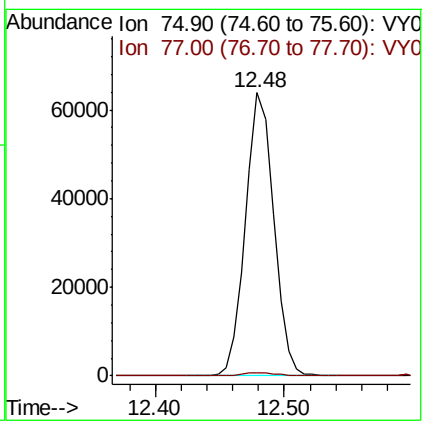


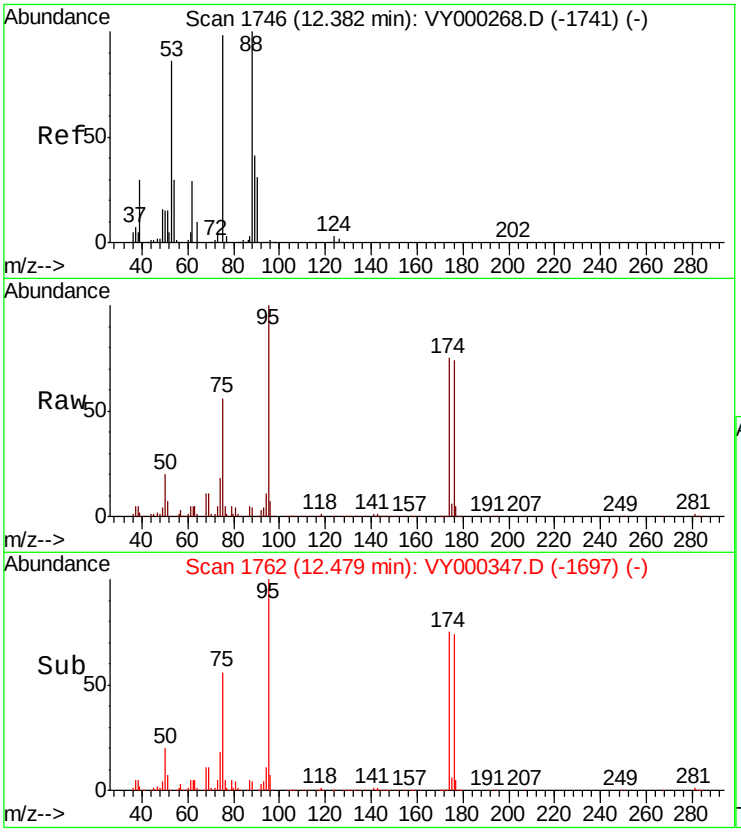


#76
1,2,3-Trichloropropane
Concen: 43.886 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.16 min
Lab File: VY000347.D
Acq: 18 Oct 2019 13:06

Tgt Ion: 75 Resp: 96598

Ion	Ratio	Lower	Upper
75	100		
77	1.4	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 96.021 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.10 min
Lab File: VY000347.D
Acq: 18 Oct 2019 13:06

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 96598

Ion	Ratio	Lower	Upper
75	100		
53	0.0	71.3	106.9#
89	0.1	35.1	52.7#