Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY101619\
Data File : VY000331.D
Acq On : 16 Oct 2019 15:51
Operator : SY/MD
Sample : K5394-10RE
Misc : 8.01G/5ML/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Time: Oct 17 01:37:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
Quant Title : SW846 8260
QLast Update : Mon Oct 14 08:10:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	266793	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	440581	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	370110	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	152596	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	139905	49.71	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.42%			
35) Dibromofluoromethane	7.73	113	112126	42.19	ug/l	0.00
Spiked Amount 50.000			Recovery = 84.38%			
50) Toluene-d8	10.18	98	508209	49.71	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.42%			
62) 4-Bromofluorobenzene	12.48	95	155360	40.00	ug/l	0.00
Spiked Amount 50.000			Recovery = 80.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.93	85	151	Below Cal	#	41
10) Methyl Iodide	4.08	142	78	1.206	ug/l #	41
11) Tert butyl alcohol	4.98	59	576	1.956	ug/l #	73
16) Acetone	3.96	43	4116	4.516	ug/l #	80
20) Methylene Chloride	4.72	84	11259	Below Cal		98
31) Cyclohexane	7.80	56	6460	1.200	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	21225	4.921	ug/l #	48
38) Carbon Tetrachloride	7.80	117	25925	6.207	ug/l #	18
76) 1,2,3-Trichloropropane	12.48	75	84004	44.768	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.81	105	11168	1.119	ug/l	95
81) trans-1,4-Dichloro-2-buten	12.48	75	84004	97.952	ug/l #	14
95) Naphthalene	15.23	128	14866	2.027	ug/l #	94

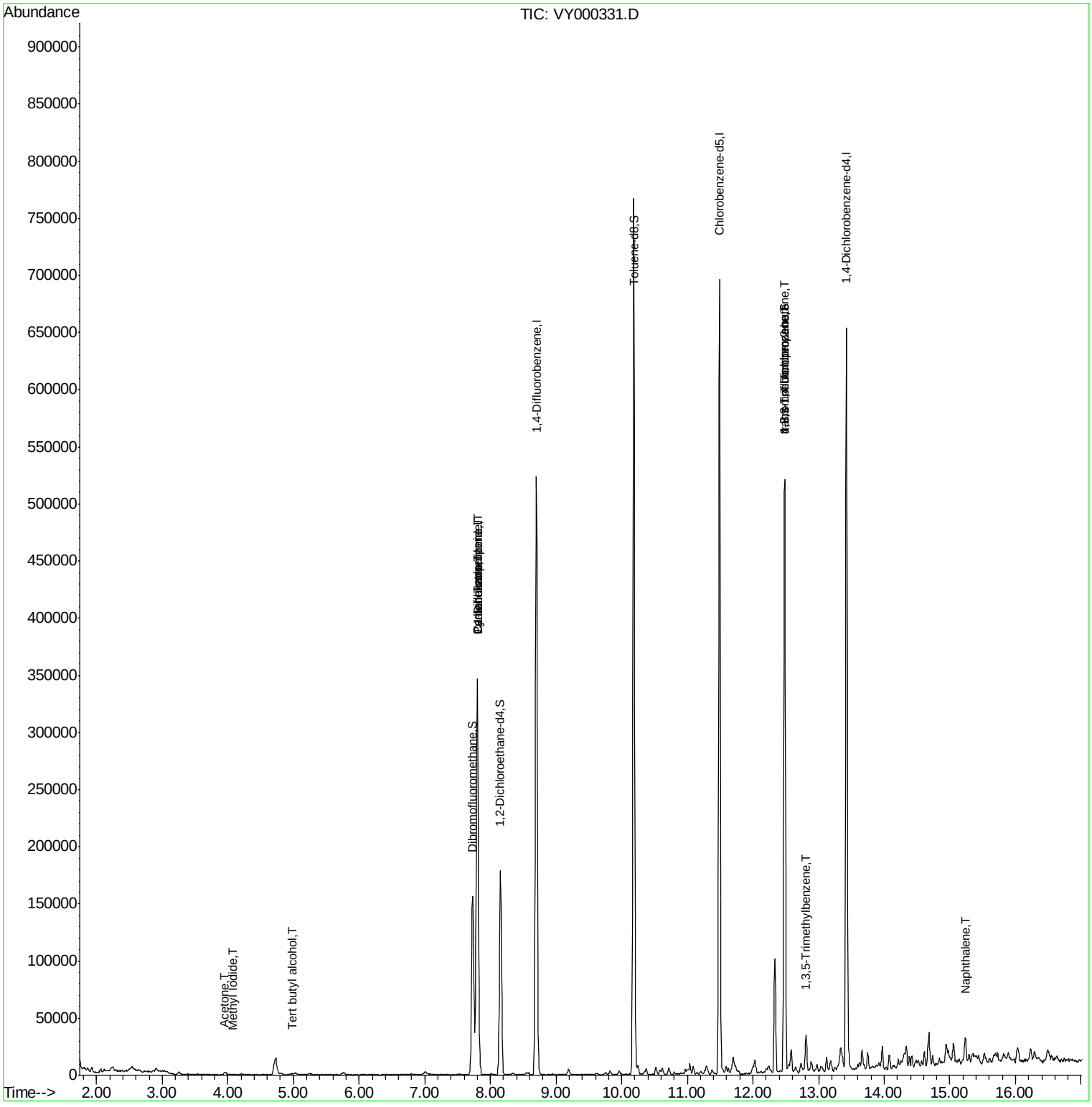
(#) = qualifier out of range (m) = manual integration (+) = signals summed

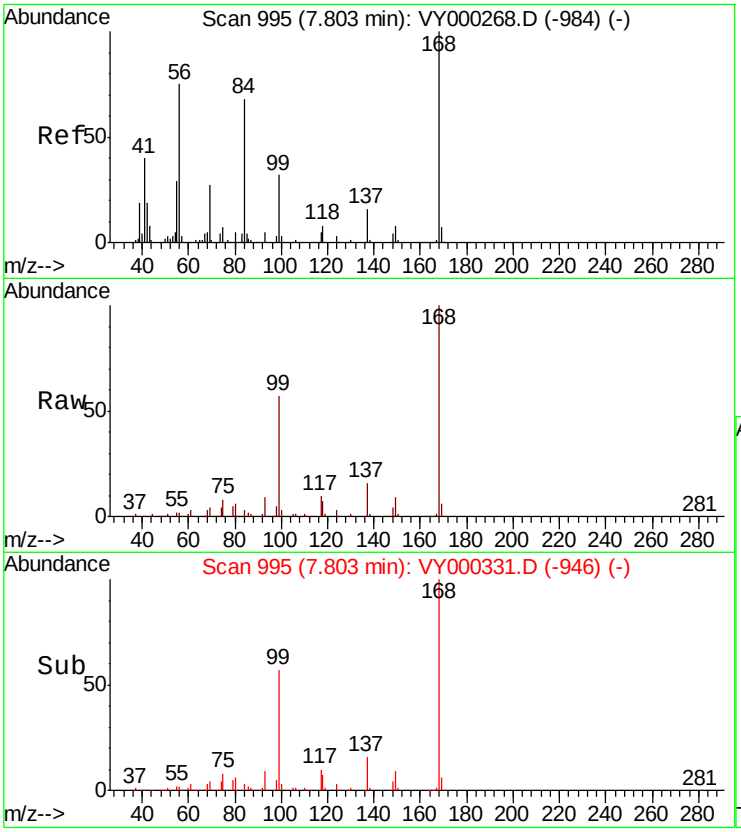
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY101619\
Data File : VY000331.D
Acq On : 16 Oct 2019 15:51
Operator : SY/MD
Sample : K5394-10RE
Misc : 8.01G/5ML/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Oct 17 01:37:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
Quant Title : SW846 8260
QLast Update : Mon Oct 14 08:10:23 2019
Response via : Initial Calibration



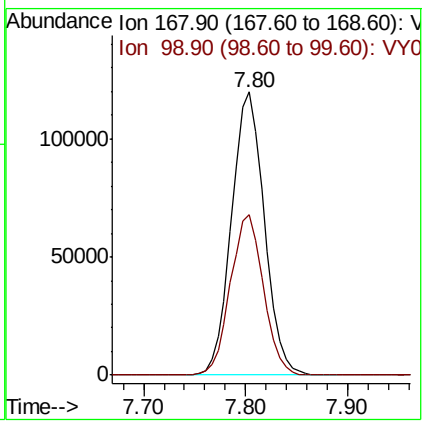


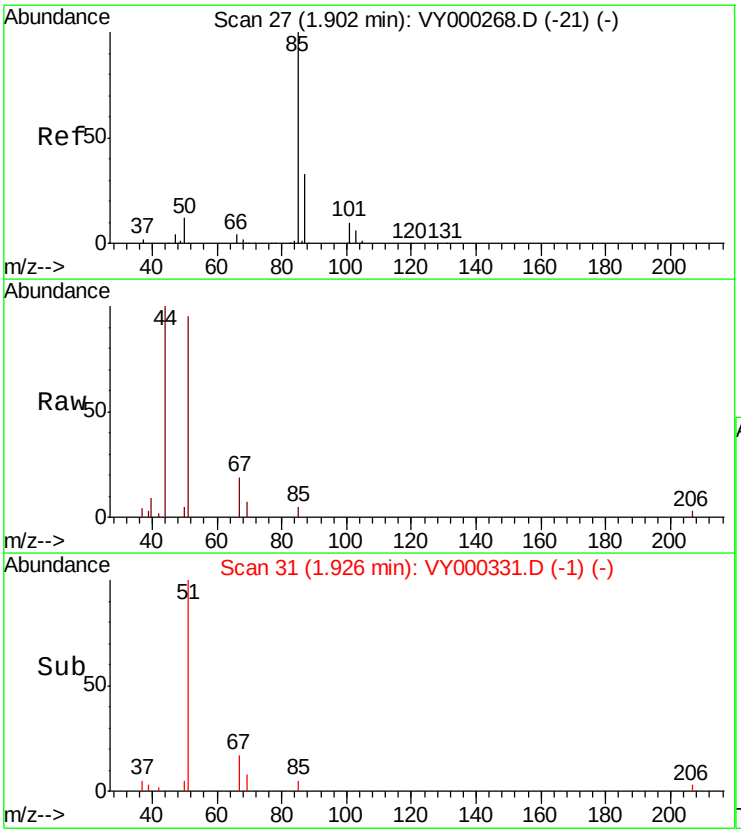
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.00 min
Lab File: VY000331.D
Acq: 16 Oct 2019 15:51

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 266793

Ion	Ratio	Lower	Upper
168	100		
99	56.9	46.6	69.8

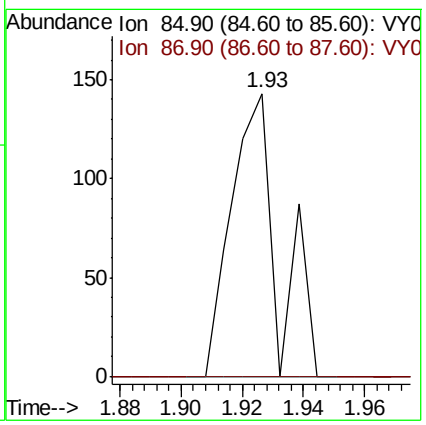


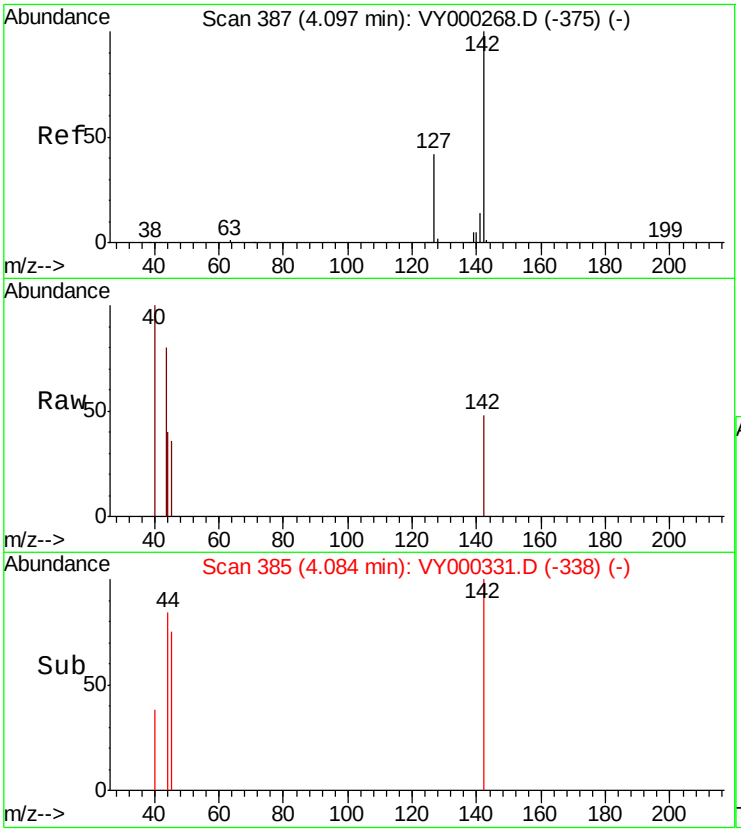


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.93 min Scan# 31
Delta R.T. 0.03 min
Lab File: VY000331.D
Acq: 16 Oct 2019 15:51

Tgt Ion: 85 Resp: 151

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.6	49.8#



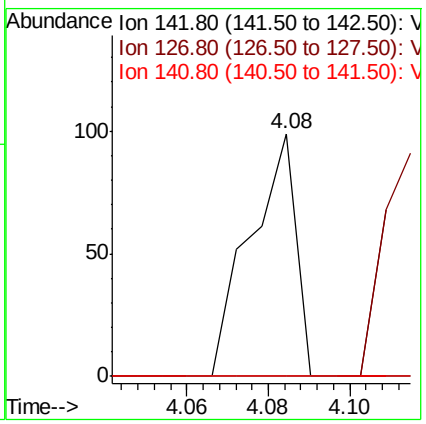


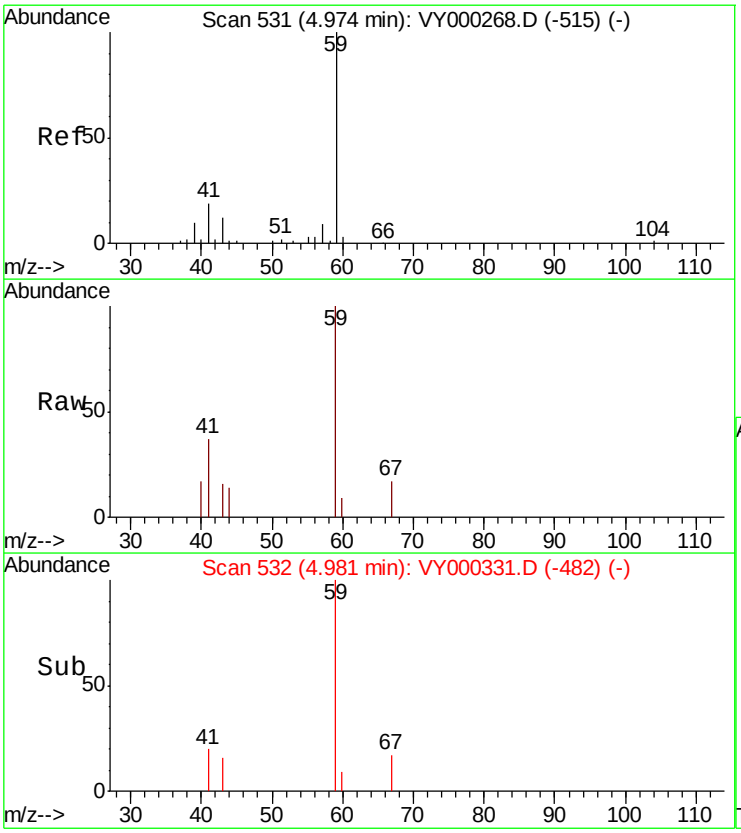
#10
Methyl Iodide
Concen: 1.206 ug/l
RT: 4.08 min Scan# 385
Delta R.T. -0.01 min
Lab File: VY000331.D
Acq: 16 Oct 2019 15:51

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion:142 Resp: 78

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

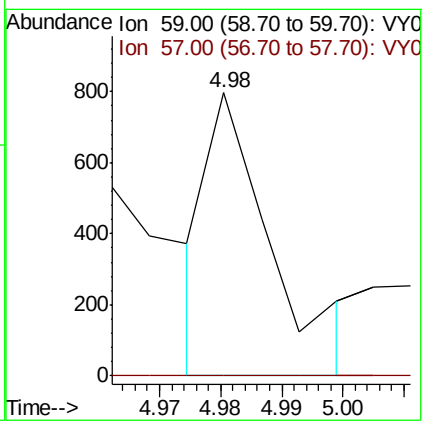


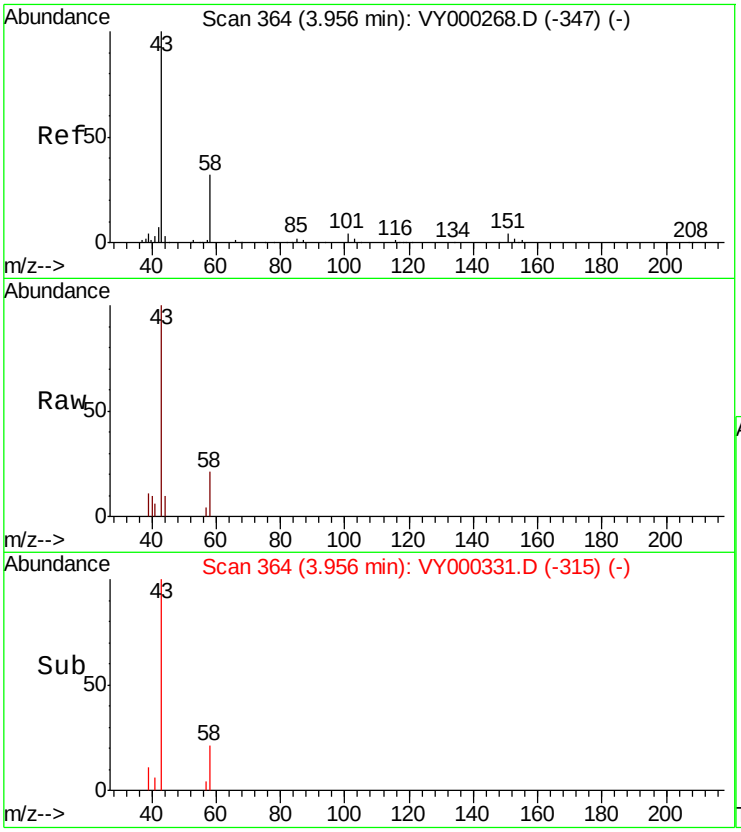


#11
Tert butyl alcohol
Concen: 1.956 ug/l
RT: 4.98 min Scan# 532
Delta R.T. 0.01 min
Lab File: VY000331.D
Acq: 16 Oct 2019 15:51

Tgt Ion: 59 Resp: 576

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.2#



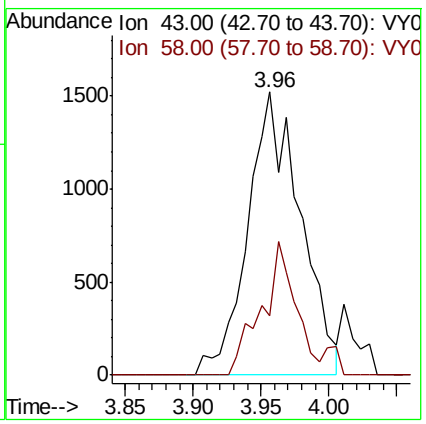


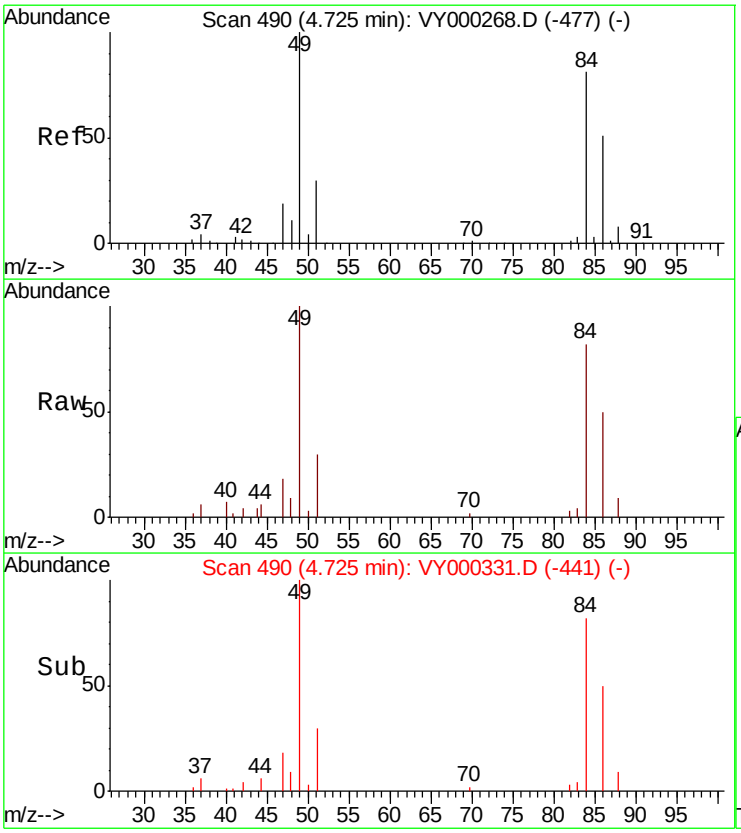
#16
Acetone
Concen: 4.516 ug/l
RT: 3.96 min Scan# 364
Delta R.T. 0.00 min
Lab File: VY000331.D
Acq: 16 Oct 2019 15:51

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 4116

Ion	Ratio	Lower	Upper
43	100		
58	20.9	25.8	38.6#

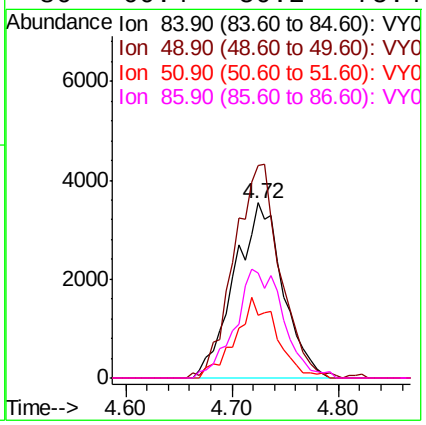


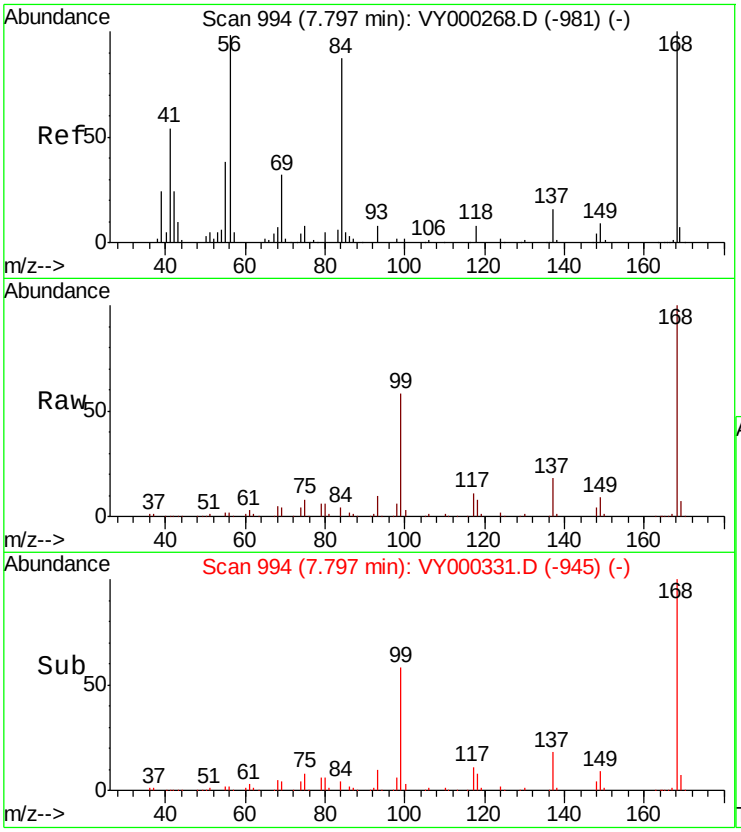


#20
Methylene Chloride
Concen: Below Cal
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY000331.D
Acq: 16 Oct 2019 15:51

Tgt Ion: 84 Resp: 11259

Ion	Ratio	Lower	Upper
84	100		
49	121.5	99.0	148.4
51	36.0	29.3	43.9
86	60.4	50.2	75.4



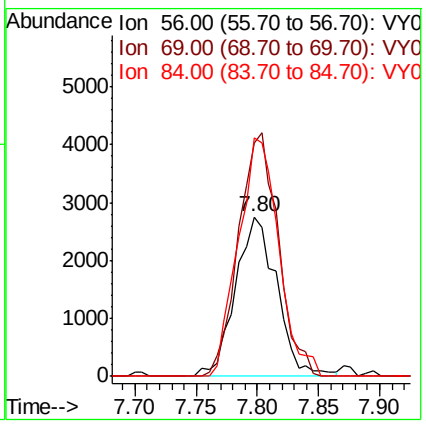


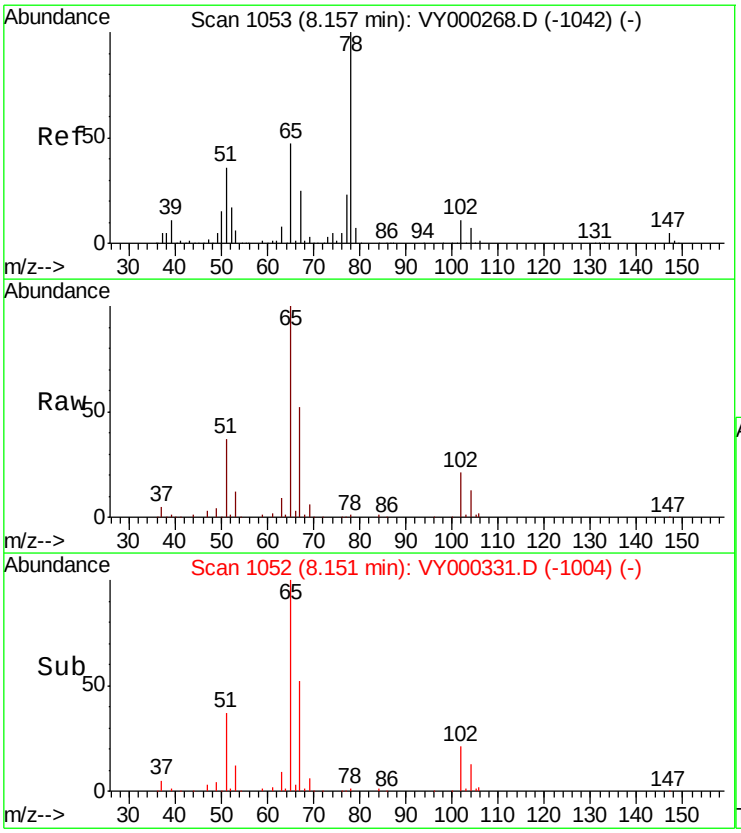
#31
Cyclohexane
Concen: 1.200 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.00 min
Lab File: VY000331.D
Acq: 16 Oct 2019 15:51

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 56 Resp: 6460

Ion	Ratio	Lower	Upper
56	100		
69	146.3	26.3	39.5#
84	149.8	70.8	106.2#

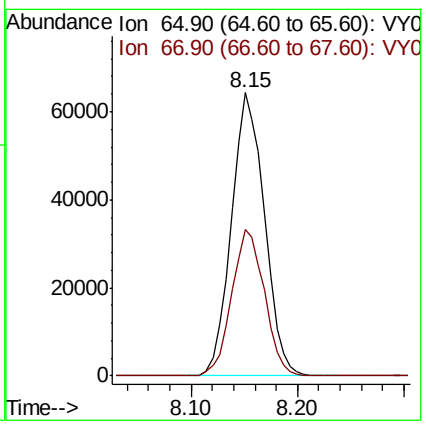


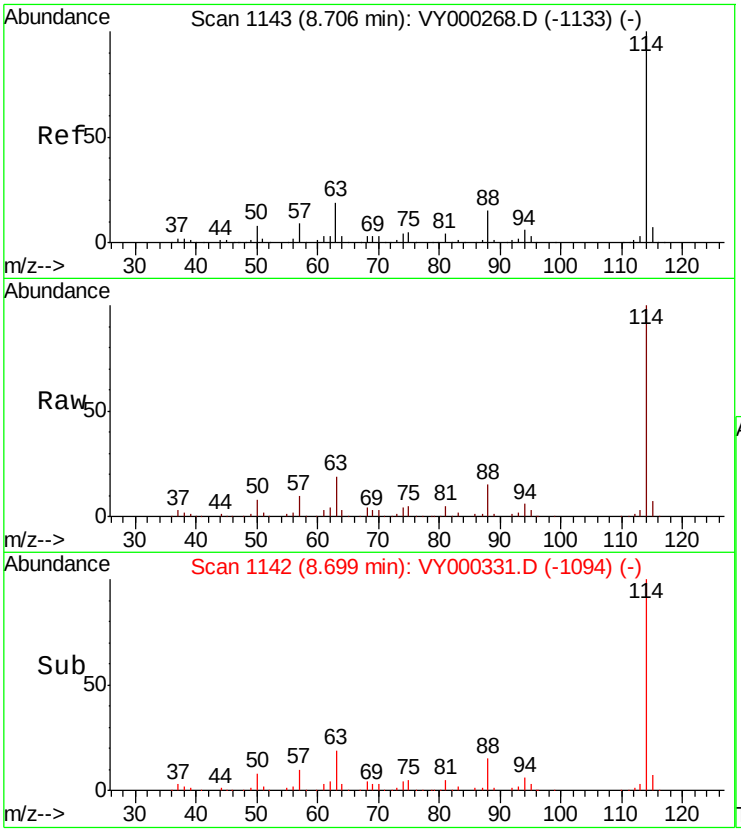


#33
1,2-Dichloroethane-d4
Concen: 49.713 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VY000331.D
Acq: 16 Oct 2019 15:51

Tgt Ion: 65 Resp: 139905

Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	109.4



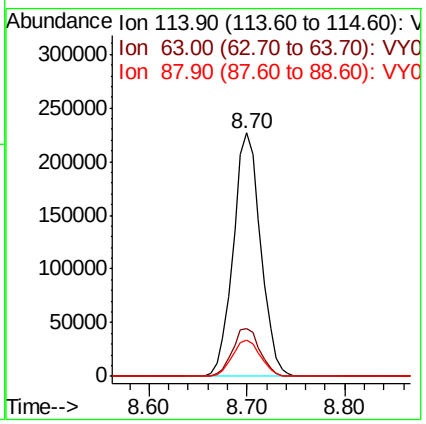


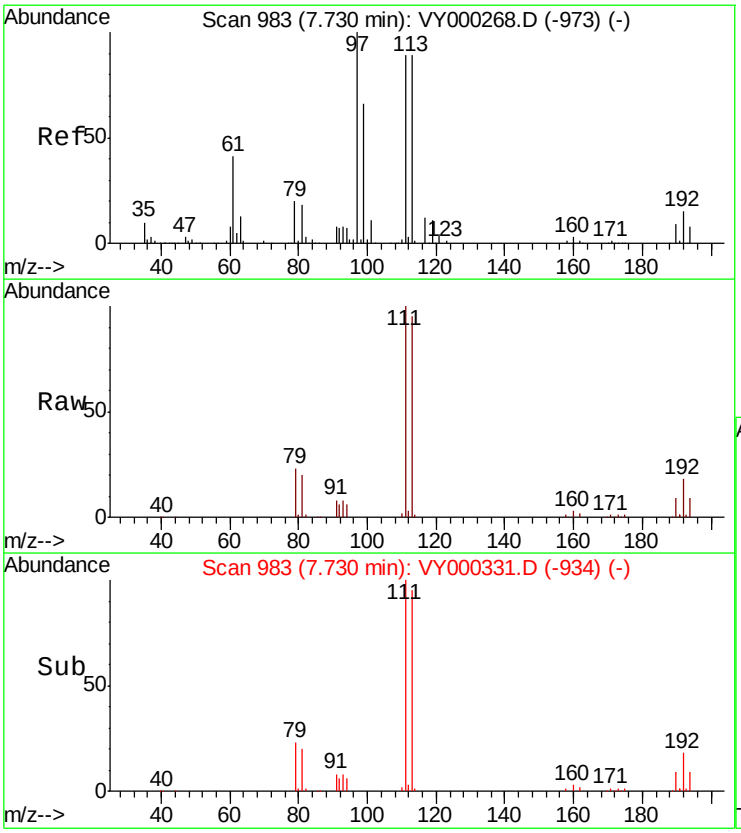
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.70 min Scan# 1142
Delta R.T. -0.01 min
Lab File: VY000331.D
Acq: 16 Oct 2019 15:51

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:114 Resp: 440581

Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	37.2
88	14.9	0.0	30.2

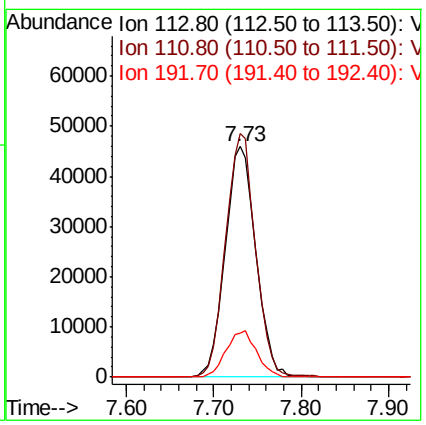


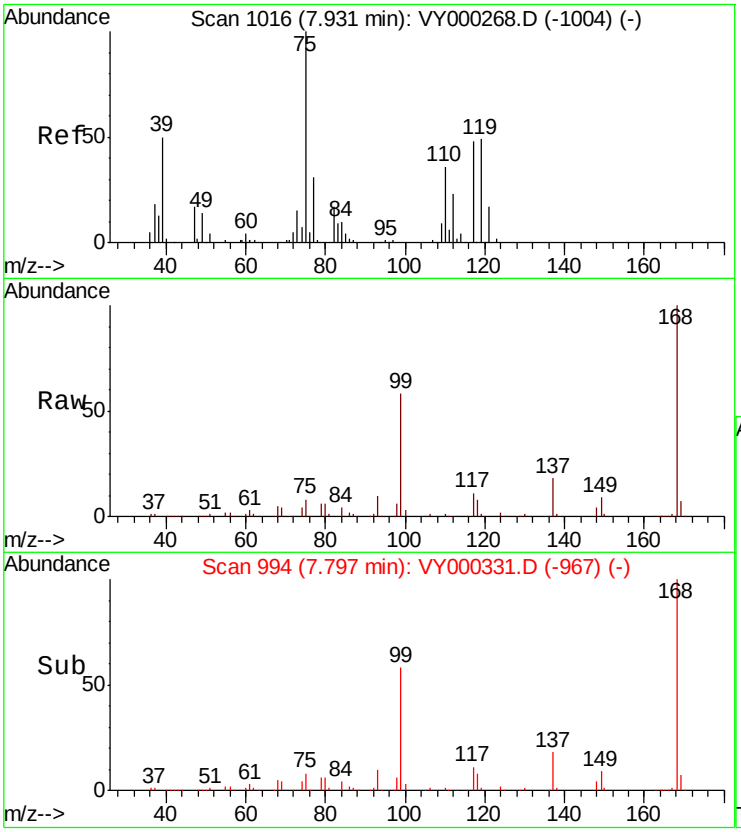


#35
Dibromofluoromethane
Concen: 42.190 ug/l
RT: 7.73 min Scan# 983
Delta R.T. 0.00 min
Lab File: VY000331.D
Acq: 16 Oct 2019 15:51

Tgt Ion:113 Resp: 112126

Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.6	122.4
192	19.9	15.3	22.9



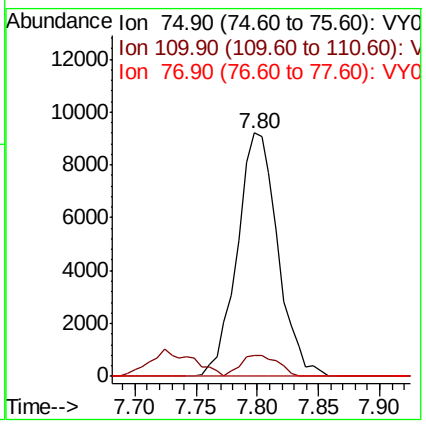


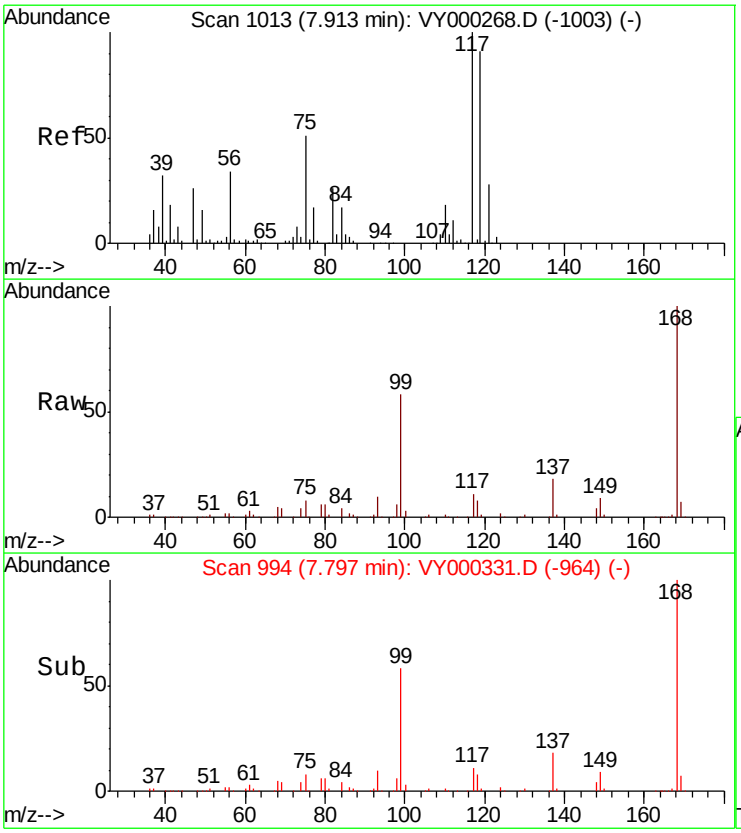
#36
1,1-Dichloropropene
Concen: 4.921 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.13 min
Lab File: VY000331.D
Acq: 16 Oct 2019 15:51

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 21225

Ion	Ratio	Lower	Upper
75	100		
110	8.1	18.4	55.4#
77	0.0	25.0	37.6#

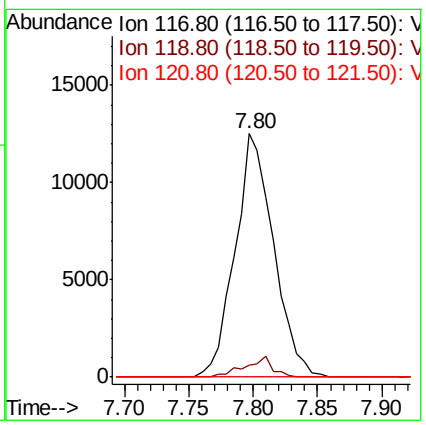


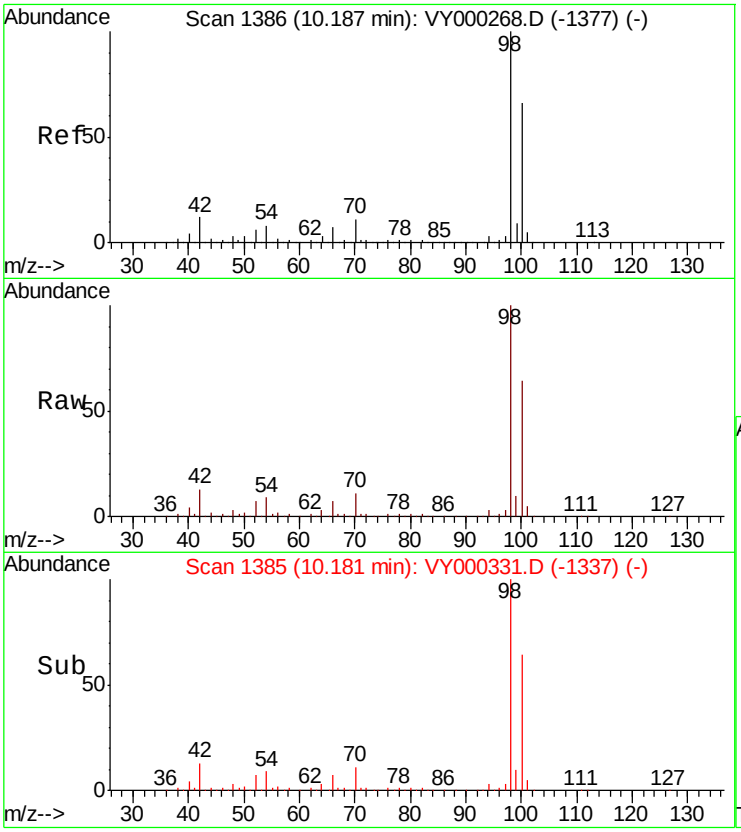


#38
Carbon Tetrachloride
Concen: 6.207 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.12 min
Lab File: VY000331.D
Acq: 16 Oct 2019 15:51

Tgt Ion:117 Resp: 25925

Ion	Ratio	Lower	Upper
117	100		
119	4.7	72.8	109.2#
121	0.0	22.2	33.2#



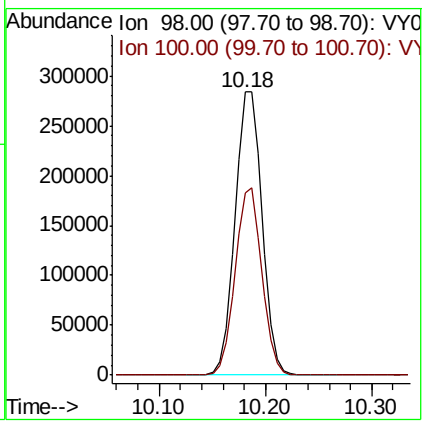


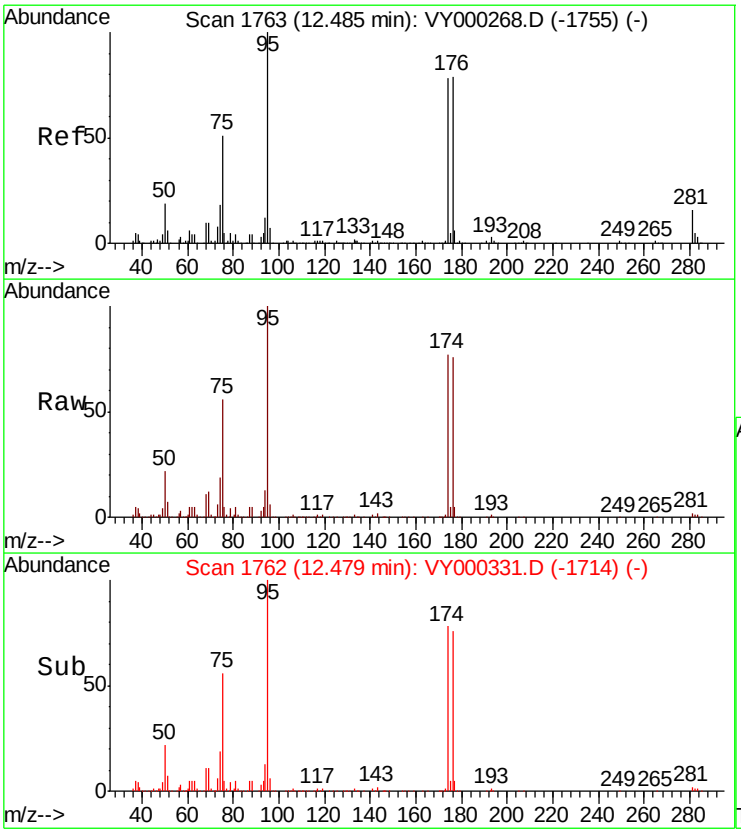
#50
Toluene-d8
Concen: 49.711 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.01 min
Lab File: VY000331.D
Acq: 16 Oct 2019 15:51

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 98 Resp: 508209

Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.8	79.2

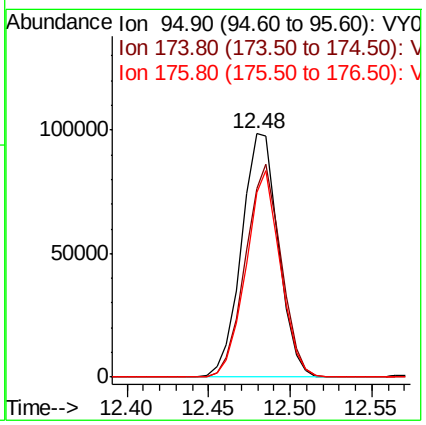


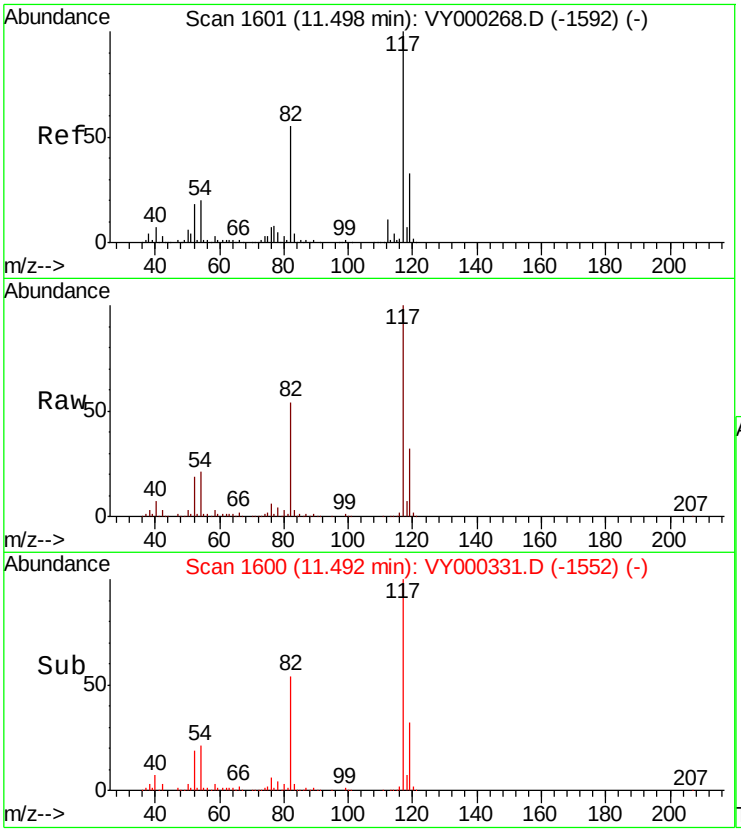


#62
4-Bromofluorobenzene
Concen: 40.001 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VY000331.D
Acq: 16 Oct 2019 15:51

Tgt Ion: 95 Resp: 155360

Ion	Ratio	Lower	Upper
95	100		
174	84.4	0.0	159.6
176	79.1	0.0	153.8



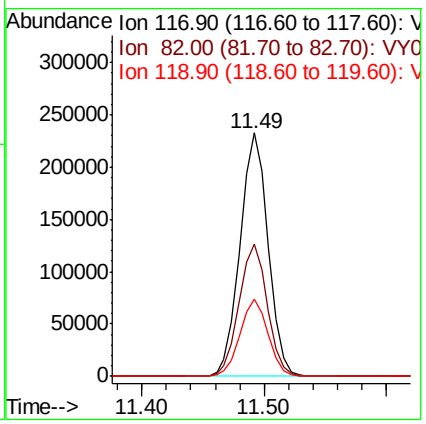


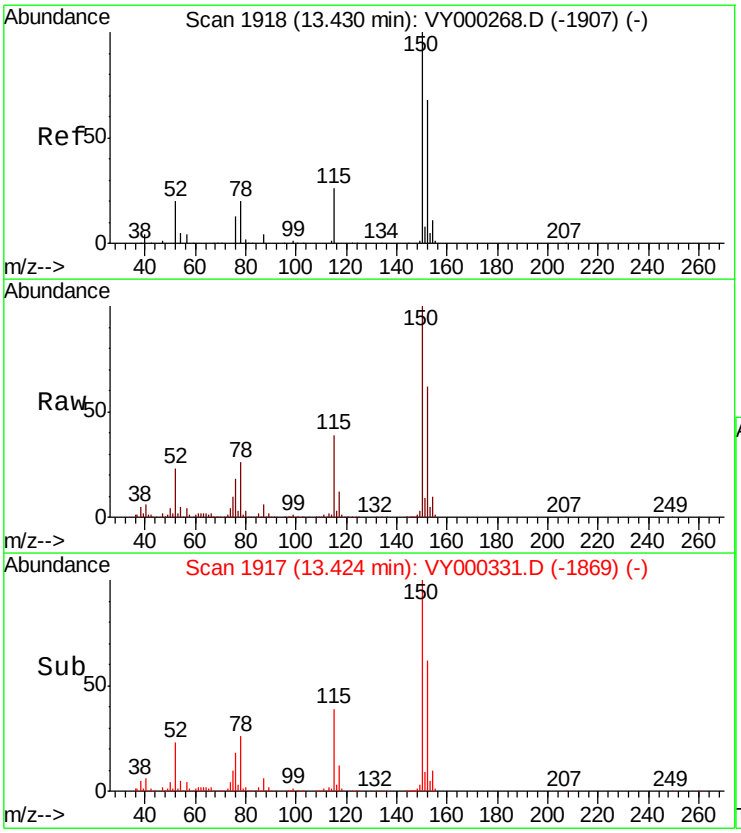
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000331.D
Acq: 16 Oct 2019 15:51

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 370110

Ion	Ratio	Lower	Upper
117	100		
82	54.1	43.7	65.5
119	31.7	26.6	39.8

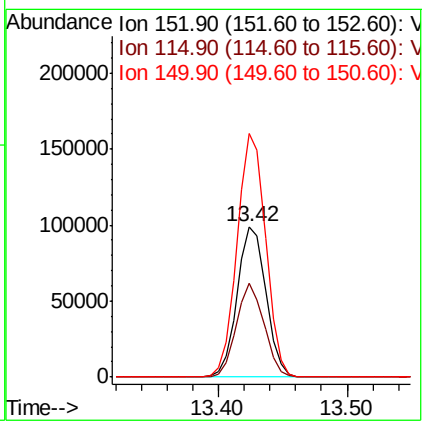


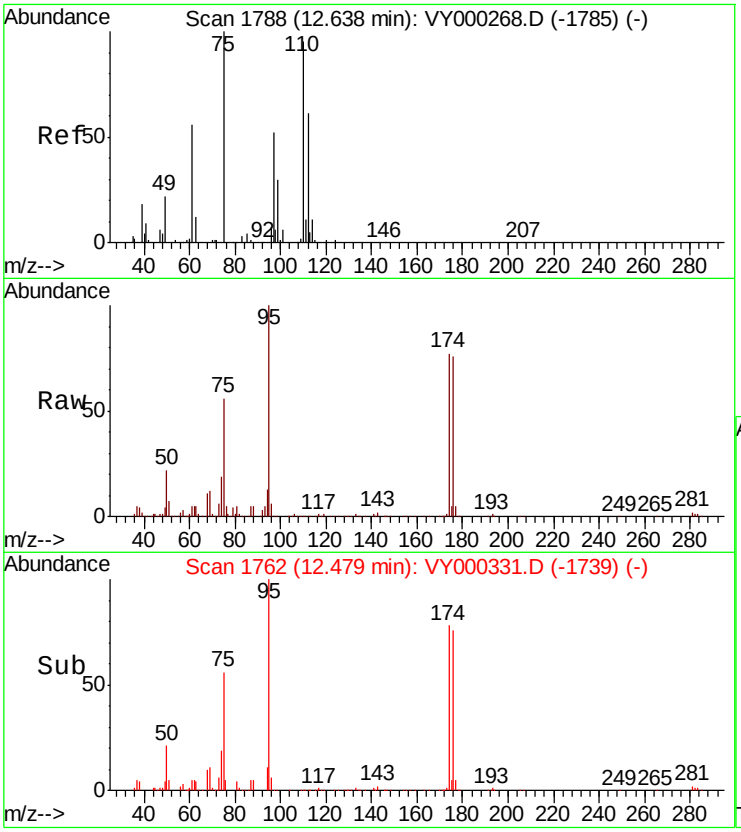


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000331.D
Acq: 16 Oct 2019 15:51

Tgt Ion:152 Resp: 152596

Ion	Ratio	Lower	Upper
152	100		
115	60.2	29.3	88.0
150	160.7	0.0	348.4



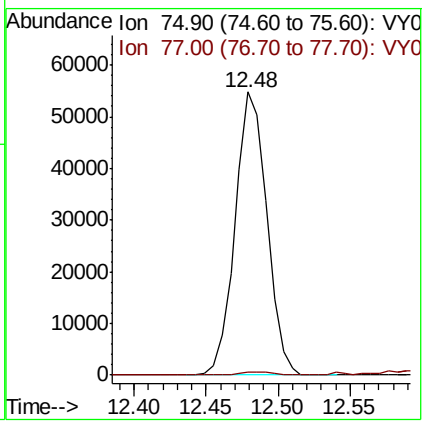


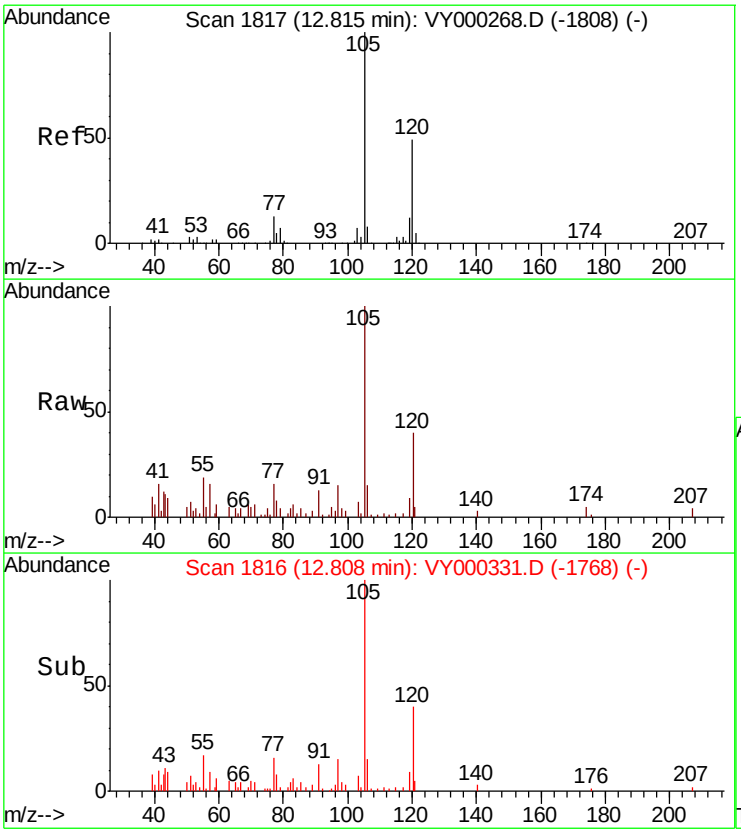
#76
1,2,3-Trichloropropane
Concen: 44.768 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.16 min
Lab File: VY000331.D
Acq: 16 Oct 2019 15:51

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 84004

Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#

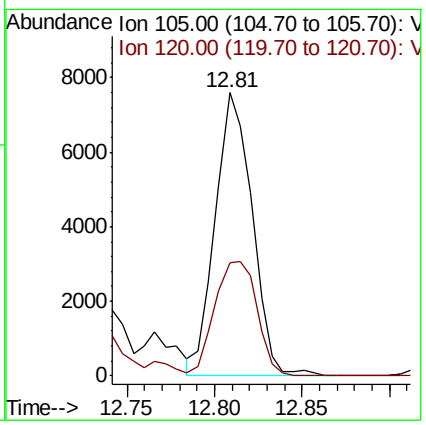


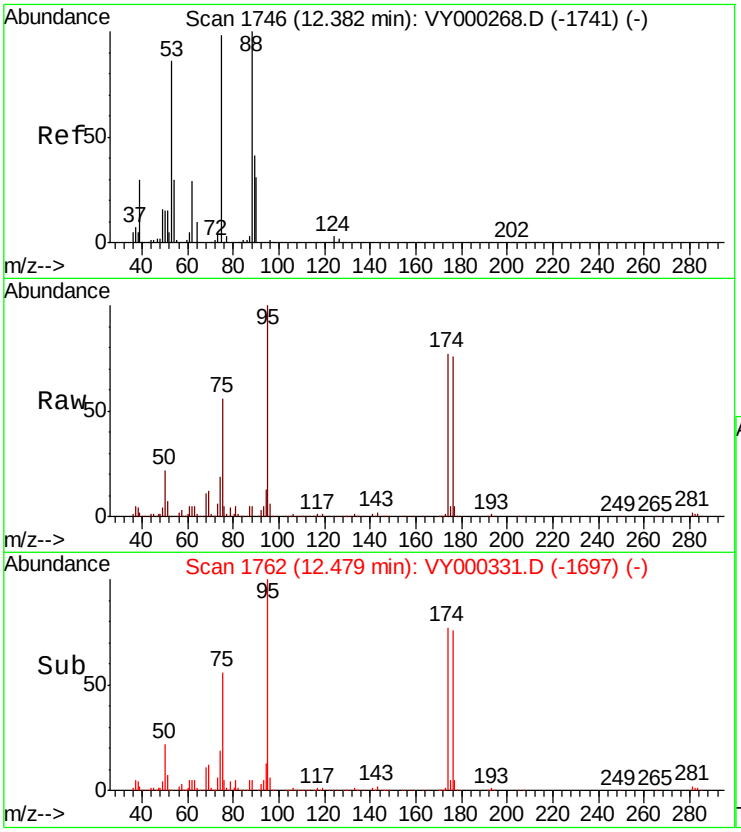


#80
1,3,5-Trimethylbenzene
Concen: 1.119 ug/l
RT: 12.81 min Scan# 1816
Delta R.T. -0.01 min
Lab File: VY000331.D
Acq: 16 Oct 2019 15:51

Tgt Ion:105 Resp: 11168

Ion	Ratio	Lower	Upper
105	100		
120	46.3	24.9	74.8



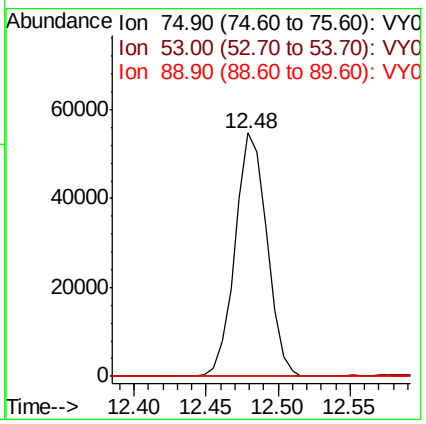


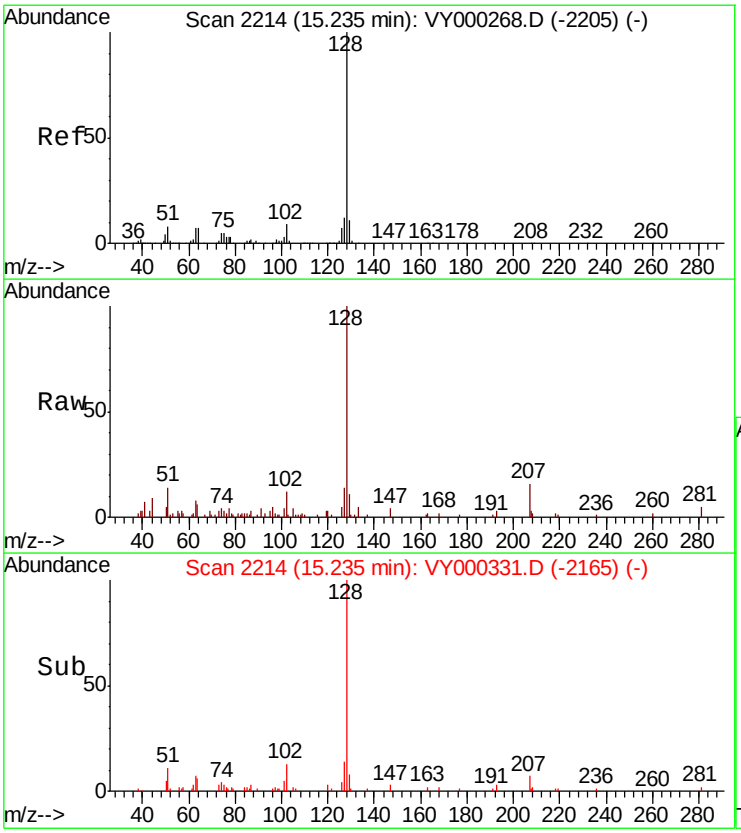
#81
trans-1,4-Dichloro-2-butene
Concen: 97.952 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.10 min
Lab File: VY000331.D
Acq: 16 Oct 2019 15:51

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 84004

Ion	Ratio	Lower	Upper
75	100		
53	0.2	71.3	106.9#
89	0.1	35.1	52.7#





#95
Naphthalene
Concen: 2.027 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY000331.D
Acq: 16 Oct 2019 15:51

Tgt Ion:128 Resp: 14866

Ion	Ratio	Lower	Upper
128	100		
127	15.0	9.6	14.4#
129	12.8	8.7	13.1