Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102319\
Data File : VY000387.D
Acq On : 23 Oct 2019 17:32
Operator : SY/MD
Sample : K5500-02
Misc : 5.53G/5ML/MSVOA Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Time: Oct 24 04:47:34 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	224671	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	390276	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	333877	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	147977	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	126817	53.51	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.02%			
35) Dibromofluoromethane	7.73	113	108629	46.14	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.28%			
50) Toluene-d8	10.18	98	450032	49.69	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.38%			
62) 4-Bromofluorobenzene	12.48	95	146199	42.49	ug/l	0.00
Spiked Amount 50.000			Recovery = 84.98%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.93	85	77	Below Cal	#	41
10) Methyl Iodide	4.09	142	24	1.193	ug/l #	41
11) Tert butyl alcohol	4.96	59	673	2.714	ug/l #	73
16) Acetone	3.96	43	4985	6.495	ug/l	91
20) Methylene Chloride	4.72	84	3413	Below Cal		87
25) 2-Butanone	7.01	43	1854	1.715	ug/l #	87
31) Cyclohexane	7.80	56	5088	1.122	ug/l #	32
36) 1,1-Dichloropropene	7.80	75	17256	4.516	ug/l #	48
38) Carbon Tetrachloride	7.80	117	21625	5.845	ug/l #	18
76) 1,2,3-Trichloropropane	12.48	75	76505	42.045	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	76505	91.992	ug/l #	14

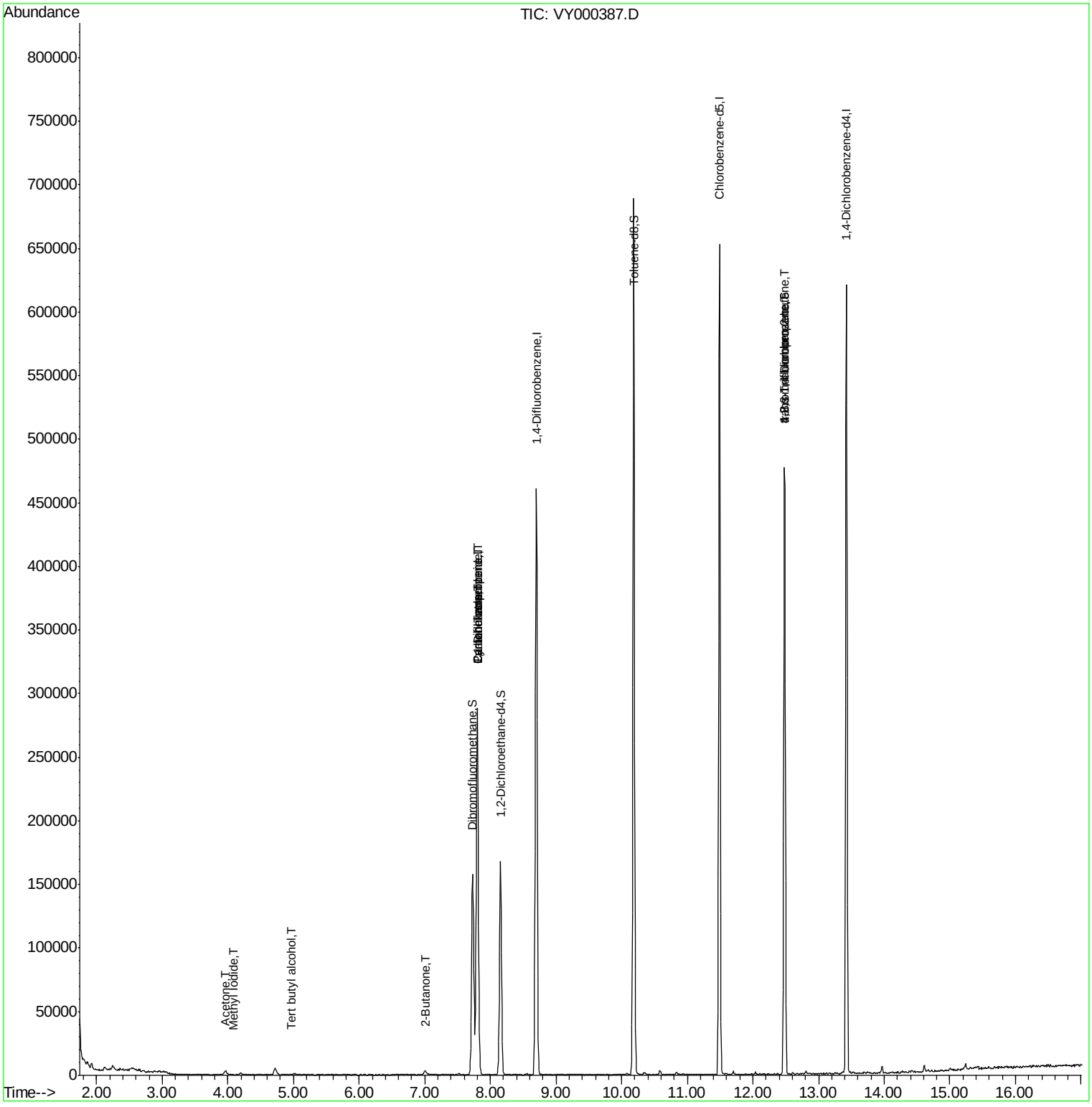
(#) = qualifier out of range (m) = manual integration (+) = signals summed

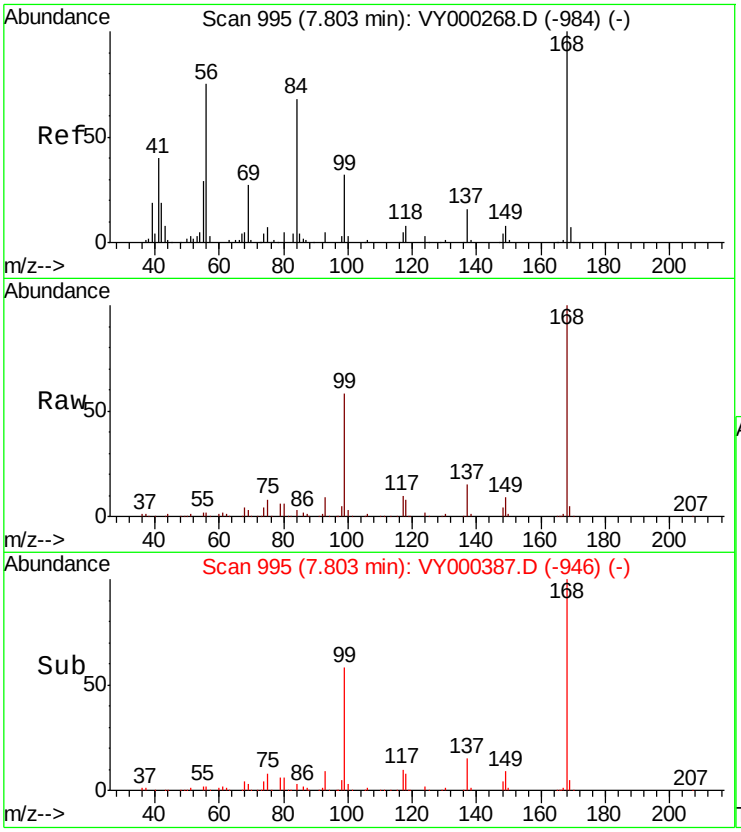
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY102319\
Data File : VY000387.D
Acq On : 23 Oct 2019 17:32
Operator : SY/MD
Sample : K5500-02
Misc : 5.53G/5ML/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Oct 24 04:47:34 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



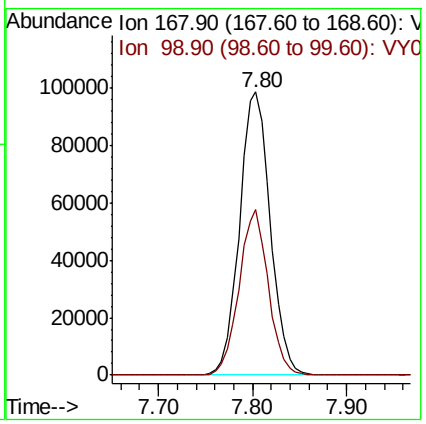


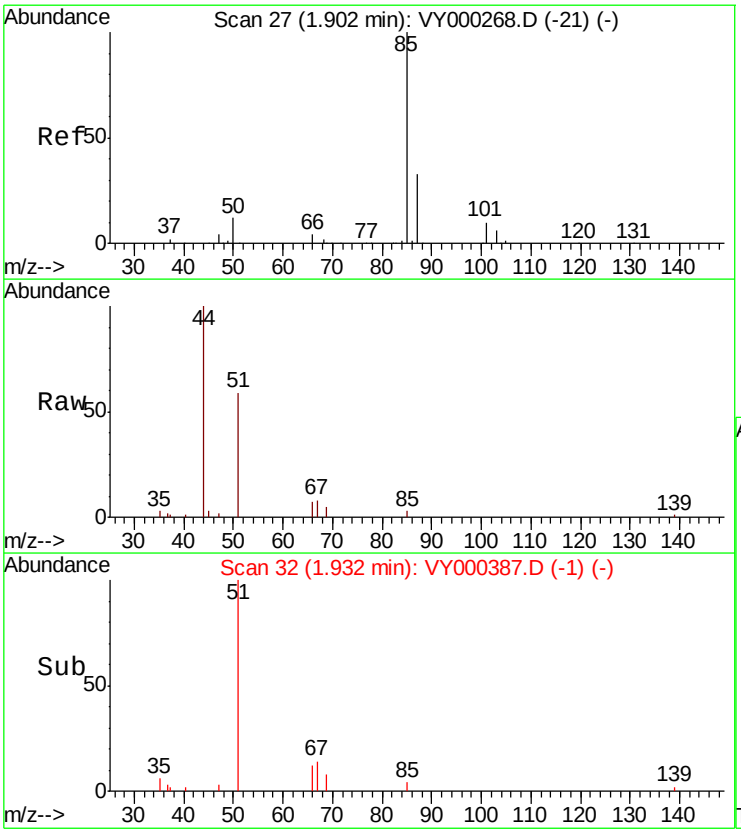
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.00 min
Lab File: VY000387.D
Acq: 23 Oct 2019 17:32

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 224671

Ion	Ratio	Lower	Upper
168	100		
99	58.3	46.6	69.8

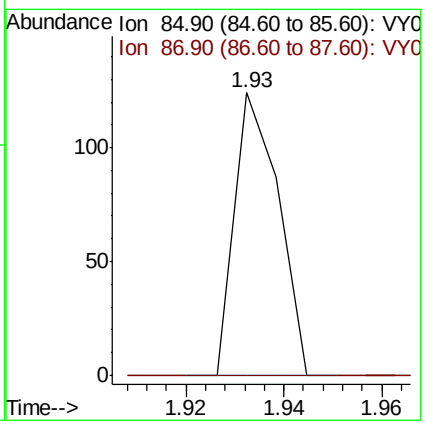


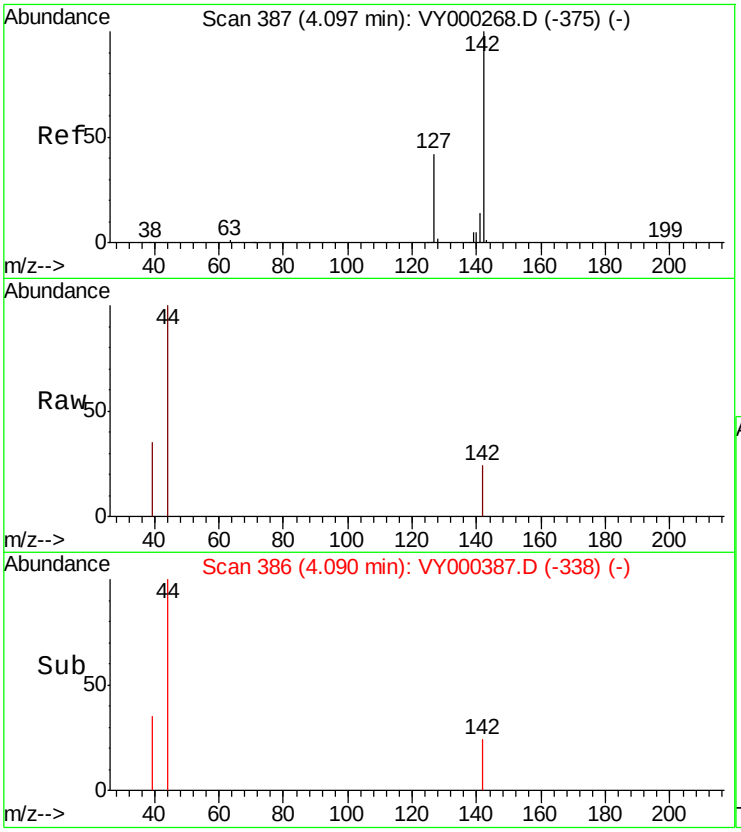


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.93 min Scan# 32
Delta R.T. 0.03 min
Lab File: VY000387.D
Acq: 23 Oct 2019 17:32

Tgt Ion: 85 Resp: 77

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.6	49.8#



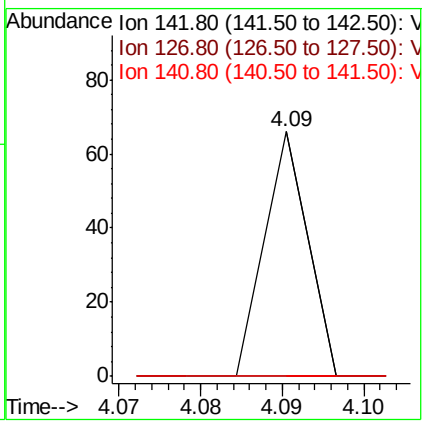


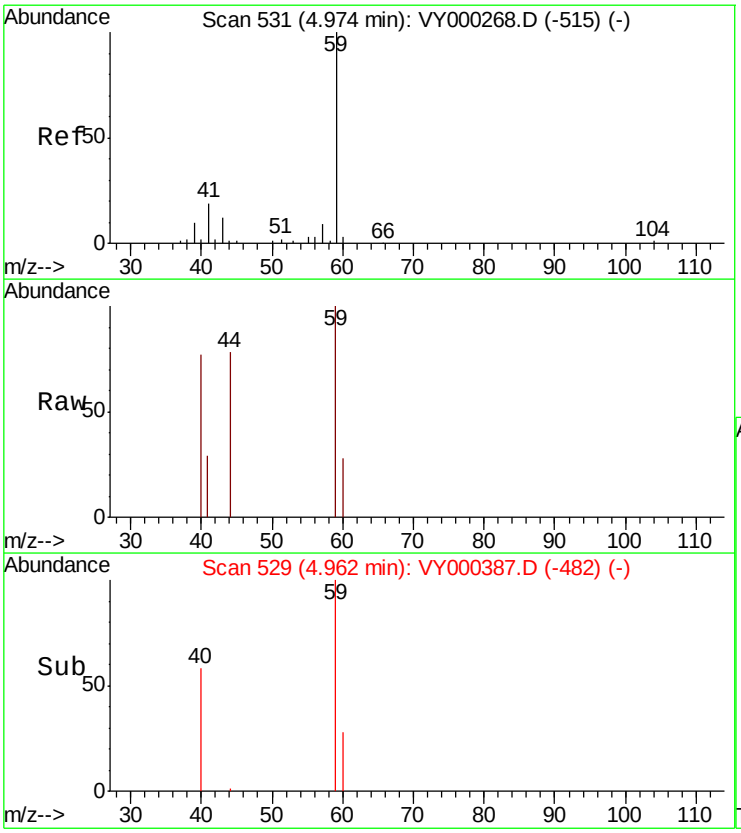
#10
Methyl Iodide
Concen: 1.193 ug/l
RT: 4.09 min Scan# 386
Delta R.T. -0.01 min
Lab File: VY000387.D
Acq: 23 Oct 2019 17:32

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:142 Resp: 24

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

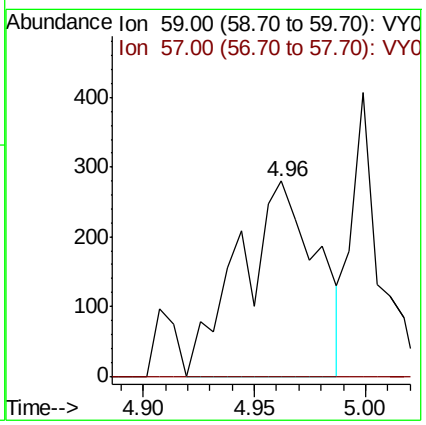


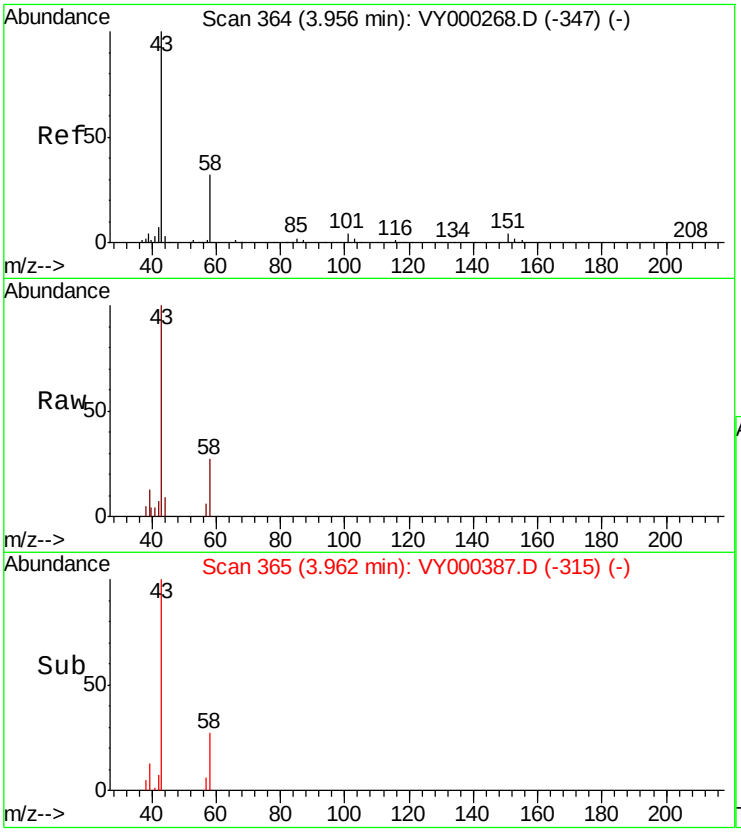


#11
Tert butyl alcohol
Concen: 2.714 ug/l
RT: 4.96 min Scan# 529
Delta R.T. -0.01 min
Lab File: VY000387.D
Acq: 23 Oct 2019 17:32

Tgt Ion: 59 Resp: 673

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.2#



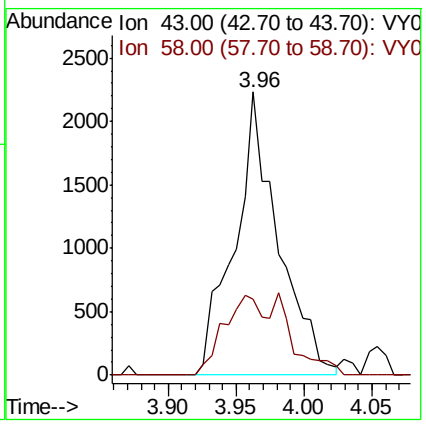


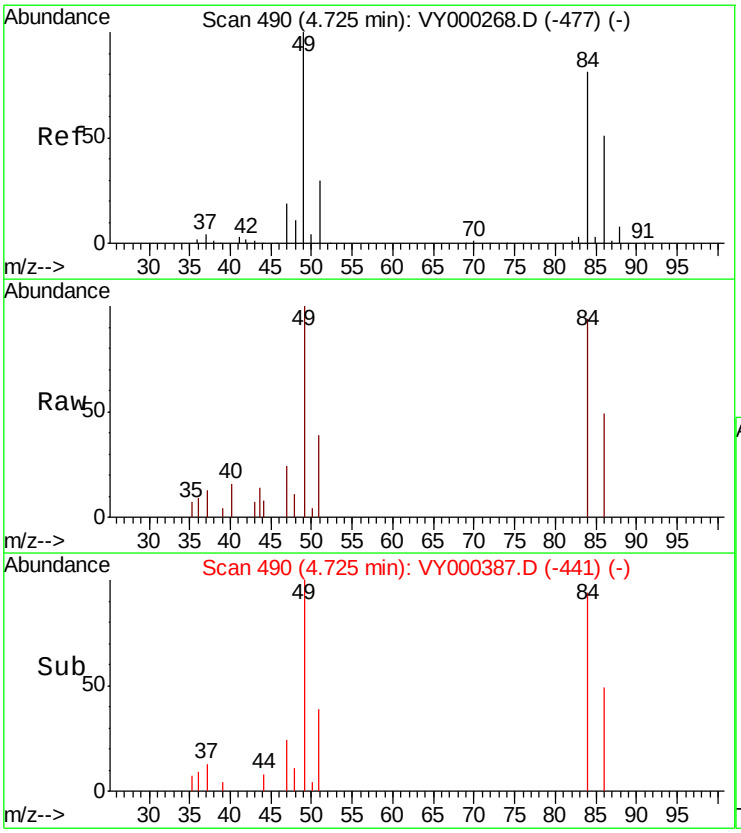
#16
Acetone
Concen: 6.495 ug/l
RT: 3.96 min Scan# 365
Delta R.T. 0.01 min
Lab File: VY000387.D
Acq: 23 Oct 2019 17:32

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 4985

Ion	Ratio	Lower	Upper
43	100		
58	27.0	25.8	38.6

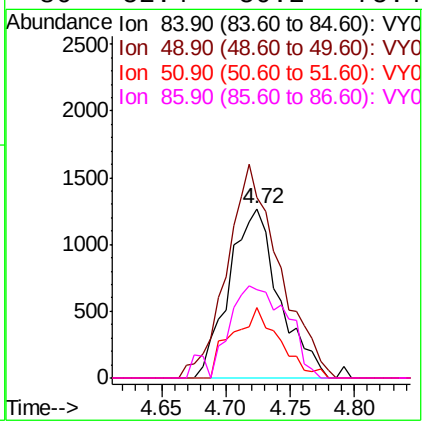


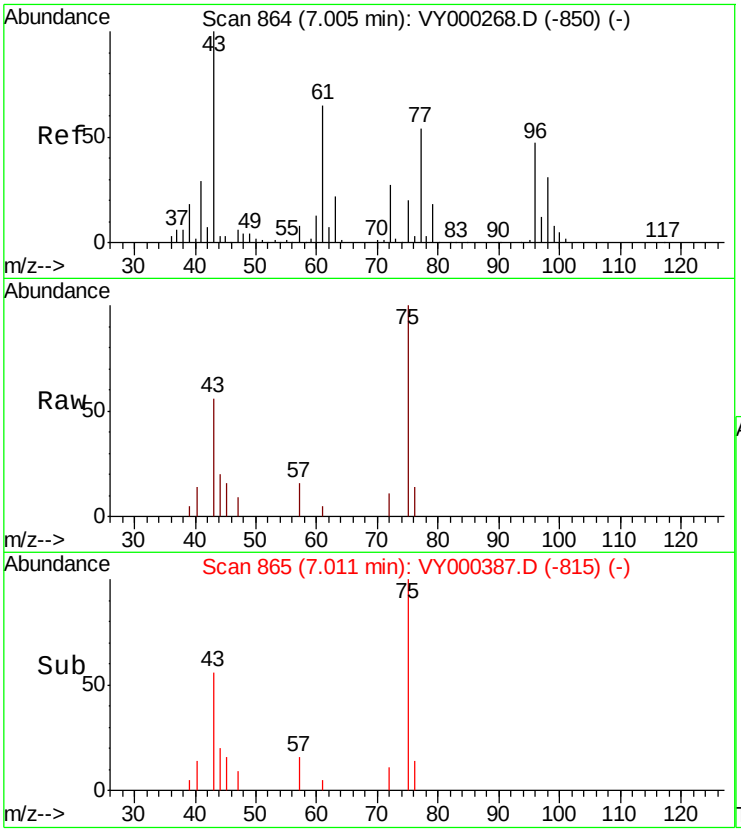


#20
Methylene Chloride
Concen: Below Cal
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY000387.D
Acq: 23 Oct 2019 17:32

Tgt Ion: 84 Resp: 3413

Ion	Ratio	Lower	Upper
84	100		
49	106.7	99.0	148.4
51	41.5	29.3	43.9
86	52.4	50.2	75.4



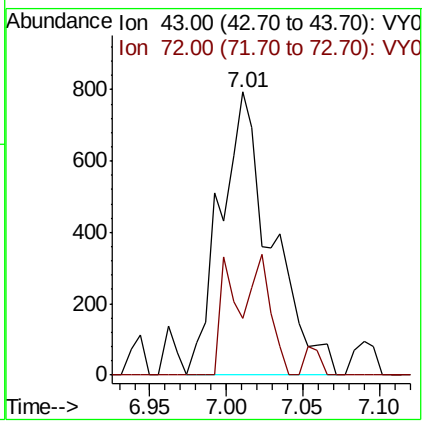


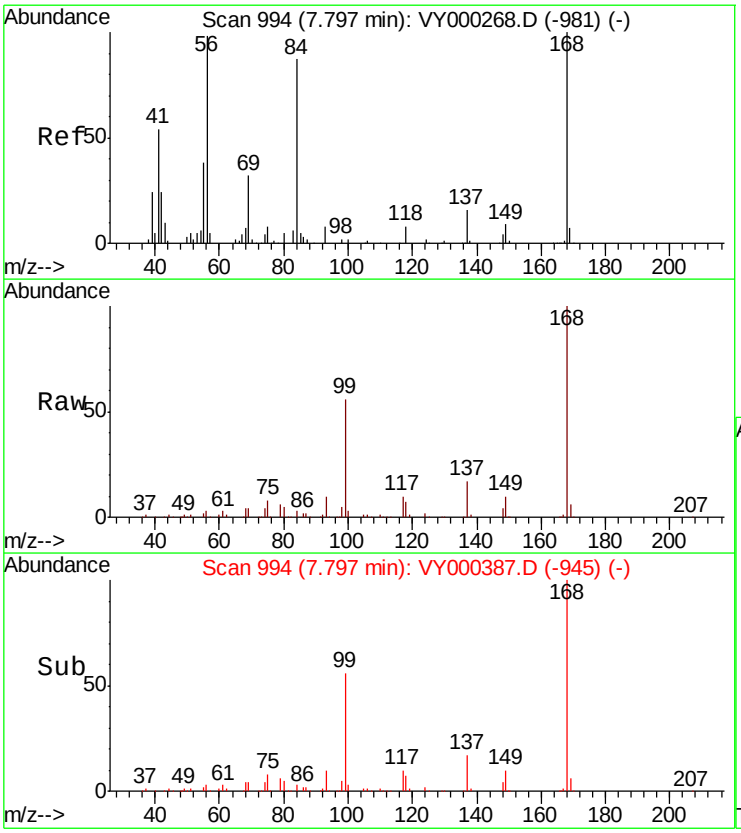
#25
2-Butanone
Concen: 1.715 ug/l
RT: 7.01 min Scan# 865
Delta R.T. 0.01 min
Lab File: VY000387.D
Acq: 23 Oct 2019 17:32

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 1854

Ion	Ratio	Lower	Upper
43	100		
72	20.1	21.4	32.2#

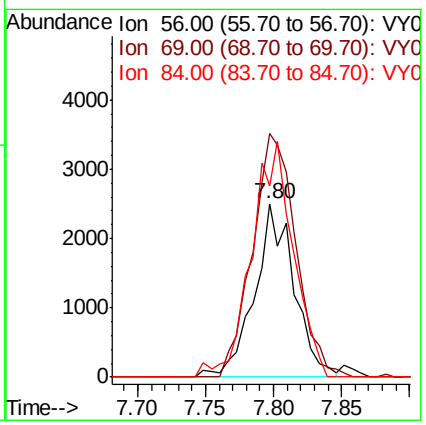


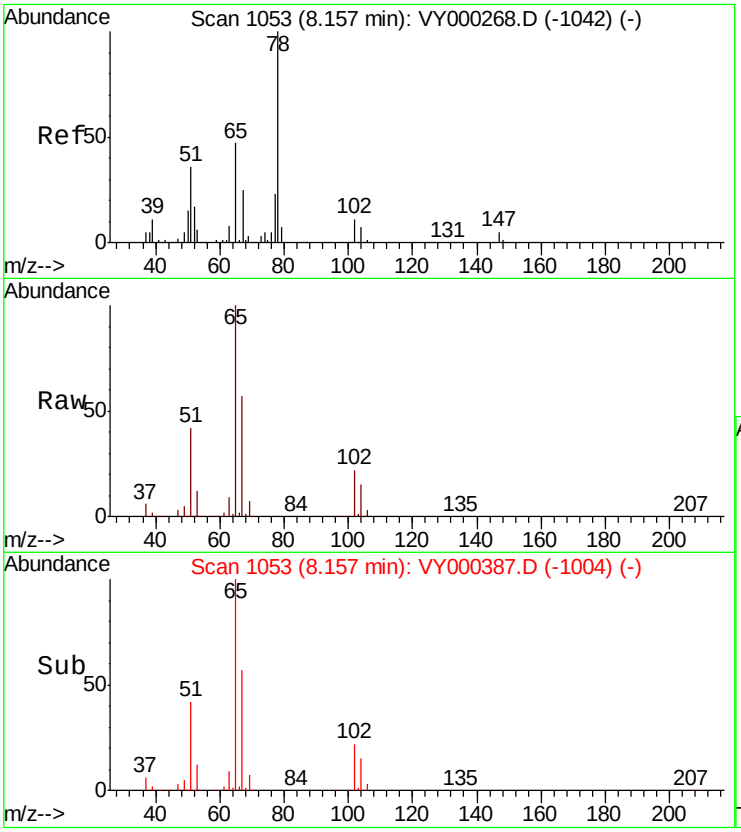


#31
Cyclohexane
Concen: 1.122 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.00 min
Lab File: VY000387.D
Acq: 23 Oct 2019 17:32

Tgt Ion: 56 Resp: 5088

Ion	Ratio	Lower	Upper
56	100		
69	140.3	26.3	39.5#
84	109.9	70.8	106.2#



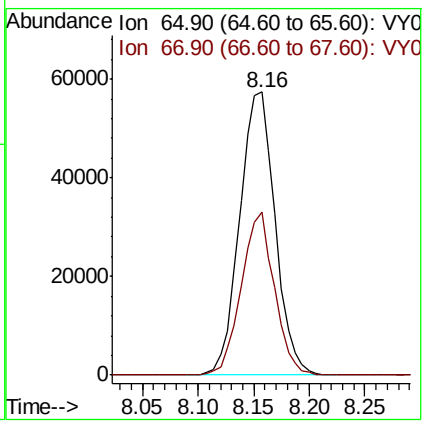


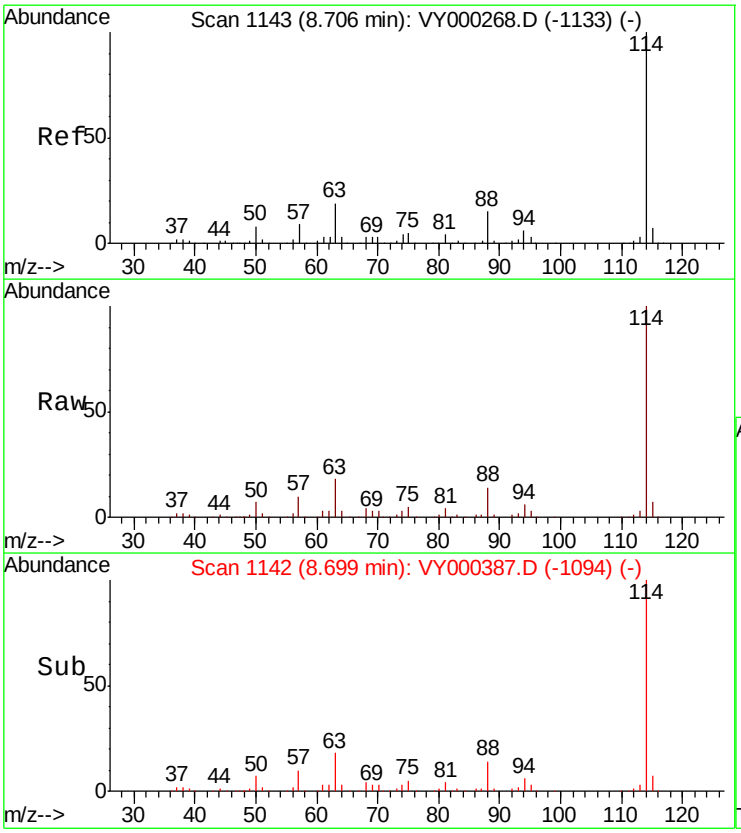
#33
1,2-Dichloroethane-d4
Concen: 53.511 ug/l
RT: 8.16 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VY000387.D
Acq: 23 Oct 2019 17:32

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 65 Resp: 126817

Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	109.4

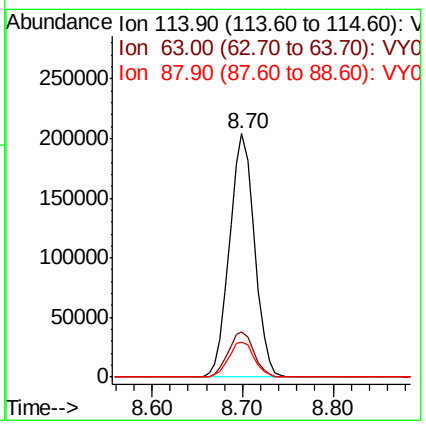


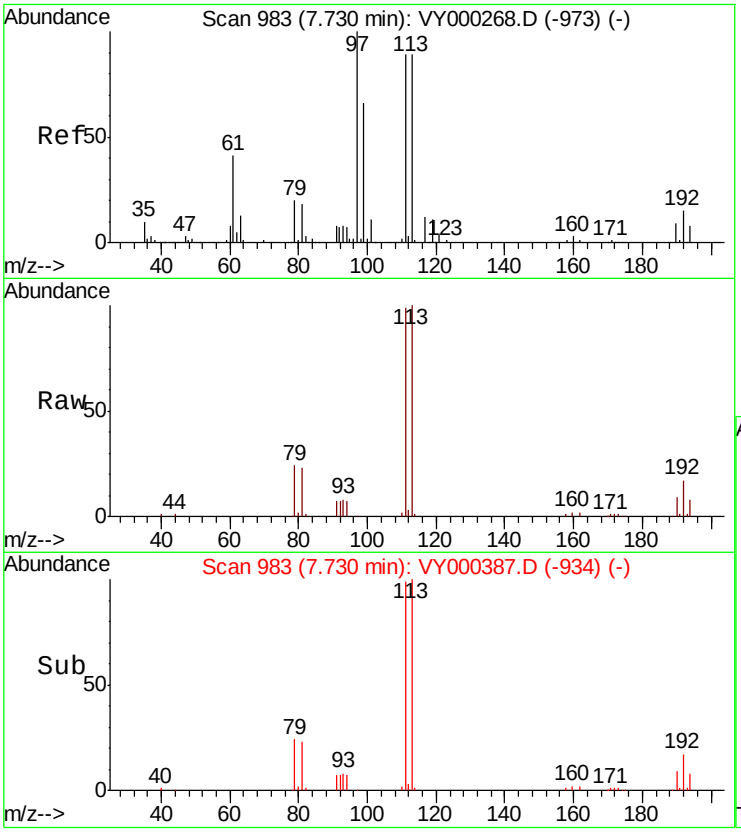


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.70 min Scan# 1142
Delta R.T. -0.01 min
Lab File: VY000387.D
Acq: 23 Oct 2019 17:32

Tgt Ion:114 Resp: 390276

Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	37.2
88	14.1	0.0	30.2



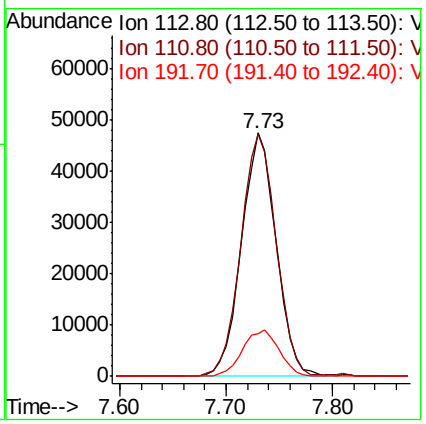


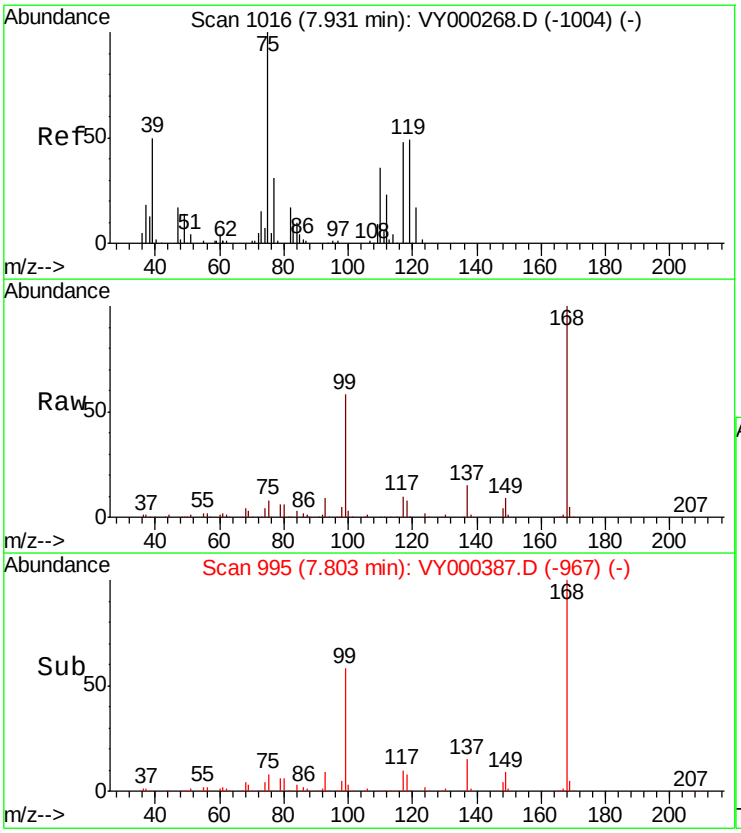
#35
Dibromofluoromethane
Concen: 46.143 ug/l
RT: 7.73 min Scan# 983
Delta R.T. 0.00 min
Lab File: VY000387.D
Acq: 23 Oct 2019 17:32

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:113 Resp: 108629

Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.6	122.4
192	20.4	15.3	22.9

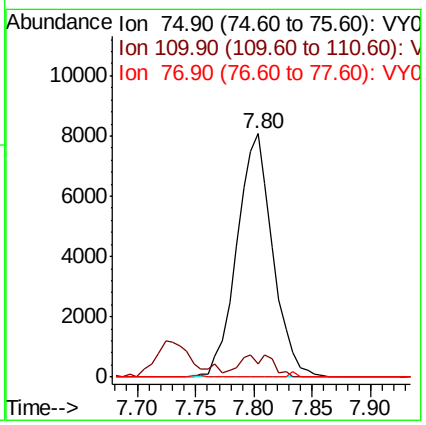


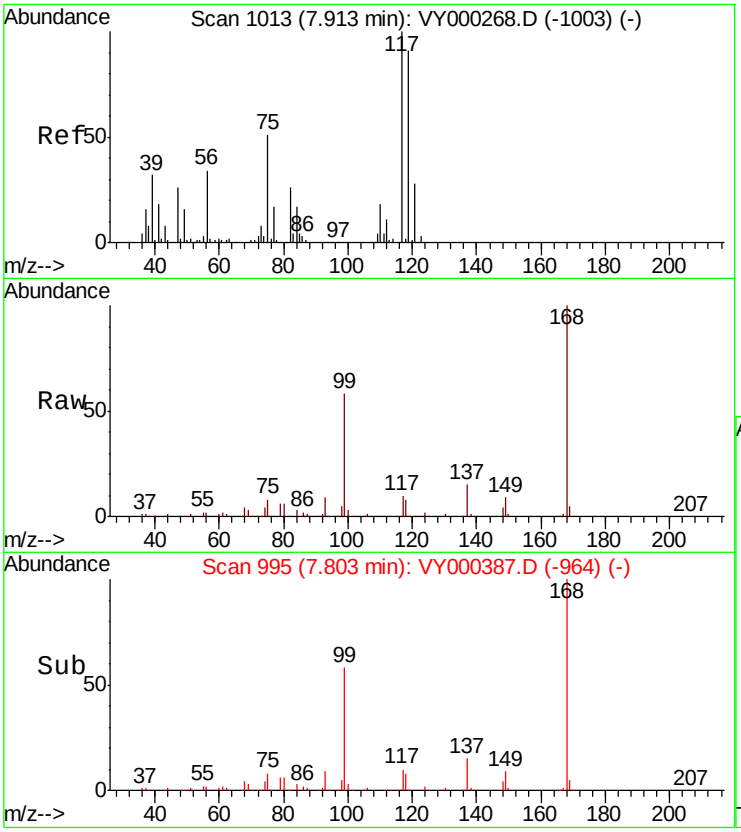


#36
1,1-Dichloropropene
Concen: 4.516 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.13 min
Lab File: VY000387.D
Acq: 23 Oct 2019 17:32

Tgt Ion: 75 Resp: 17256

Ion	Ratio	Lower	Upper
75	100		
110	8.5	18.4	55.4#
77	0.0	25.0	37.6#



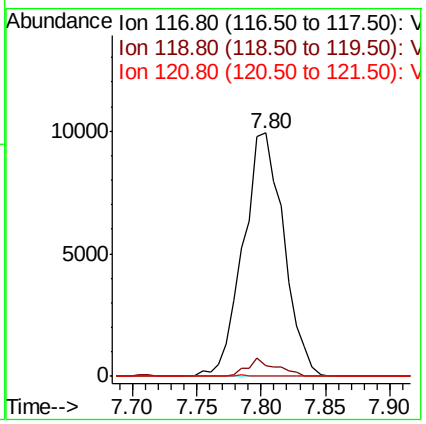


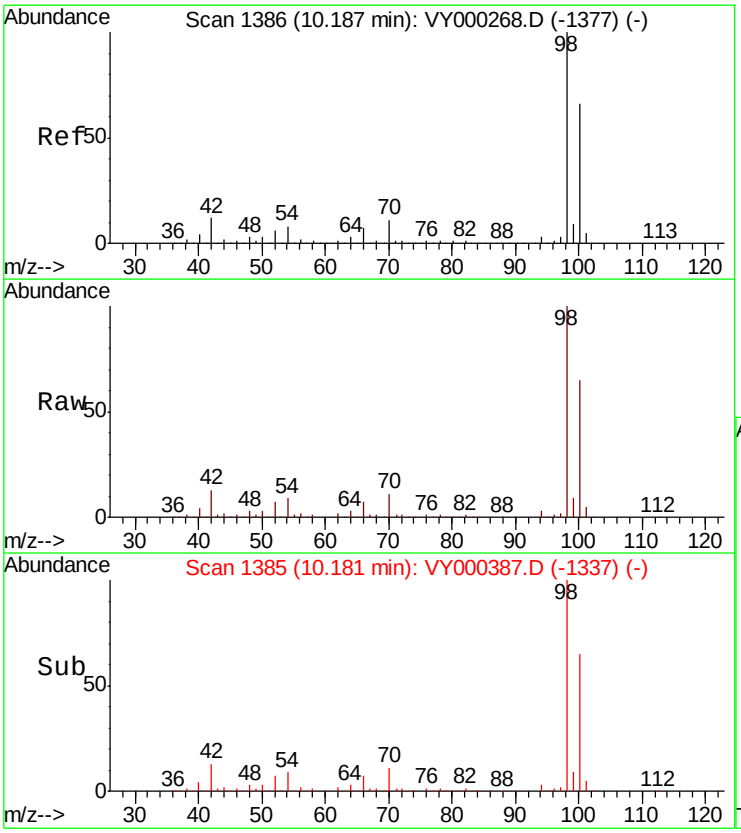
#38
Carbon Tetrachloride
Concen: 5.845 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.11 min
Lab File: VY000387.D
Acq: 23 Oct 2019 17:32

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 21625

Ion	Ratio	Lower	Upper
117	100		
119	4.4	72.8	109.2#
121	0.0	22.2	33.2#

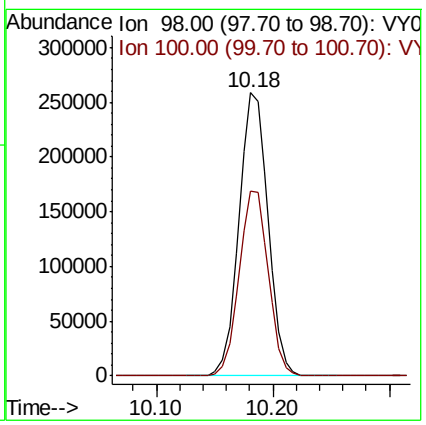


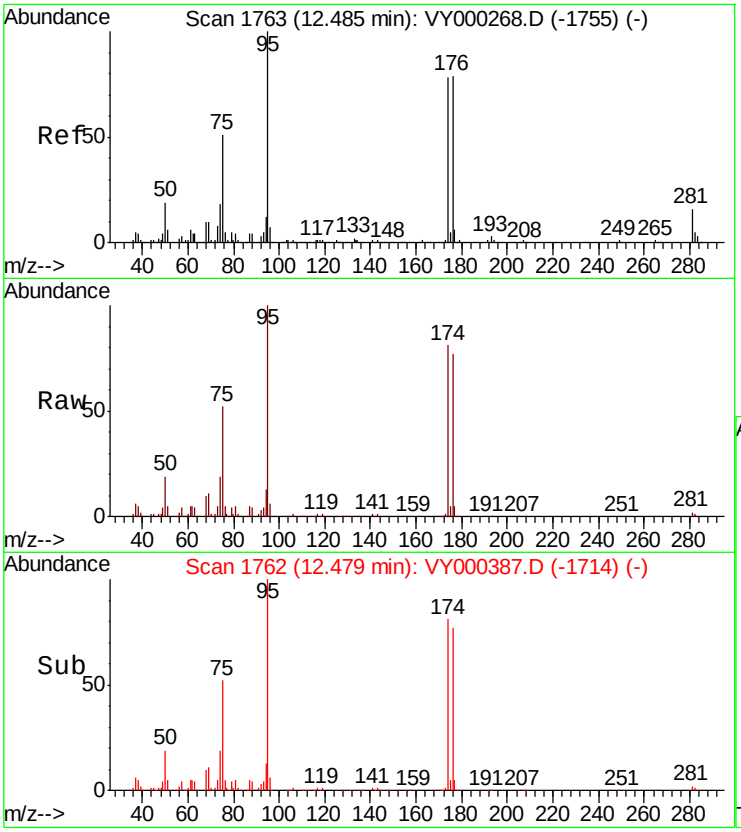


#50
Toluene-d8
Concen: 49.695 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.01 min
Lab File: VY000387.D
Acq: 23 Oct 2019 17:32

Tgt Ion: 98 Resp: 450032

Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.8	79.2



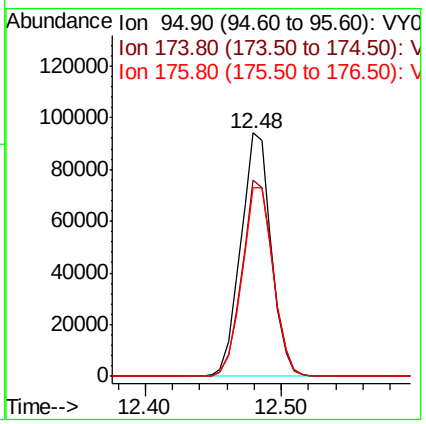


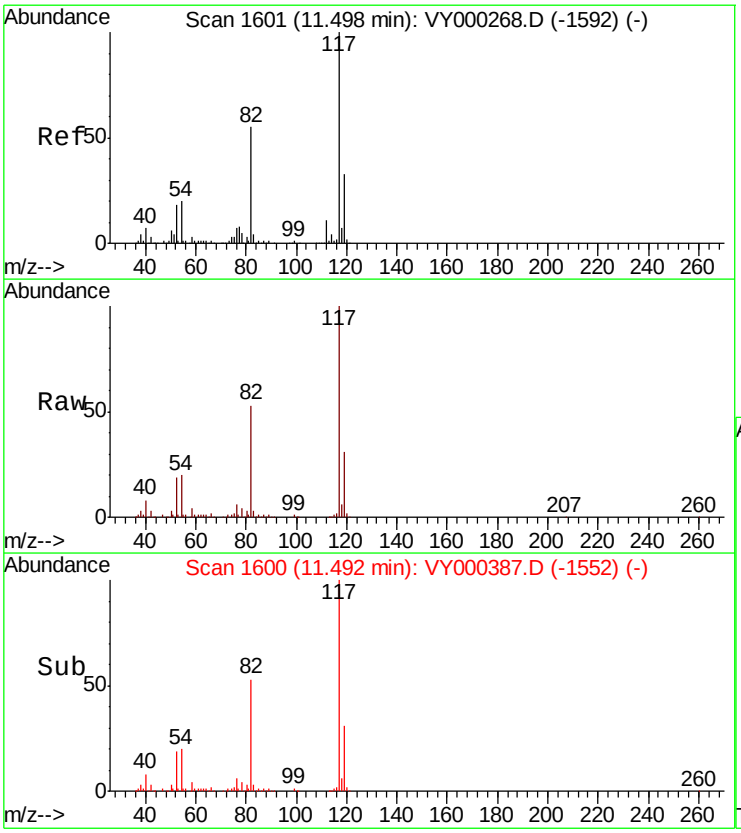
#62
4-Bromofluorobenzene
Concen: 42.494 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VY000387.D
Acq: 23 Oct 2019 17:32

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 95 Resp: 146199

Ion	Ratio	Lower	Upper
95	100		
174	82.1	0.0	159.6
176	80.0	0.0	153.8

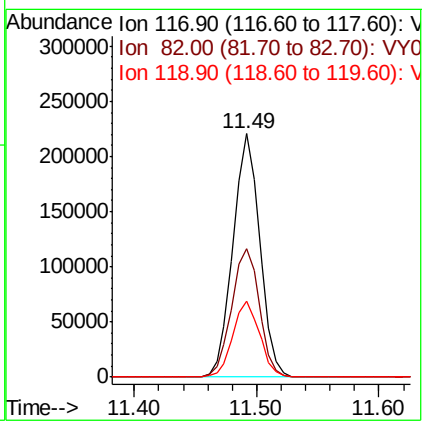


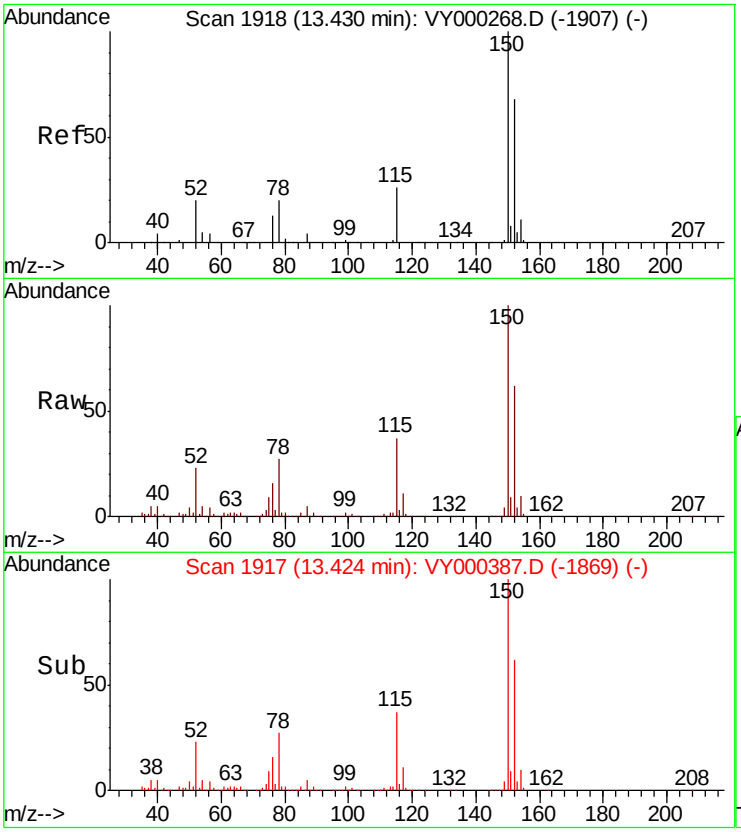


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000387.D
Acq: 23 Oct 2019 17:32

Tgt Ion:117 Resp: 333877

Ion	Ratio	Lower	Upper
117	100		
82	52.7	43.7	65.5
119	31.0	26.6	39.8



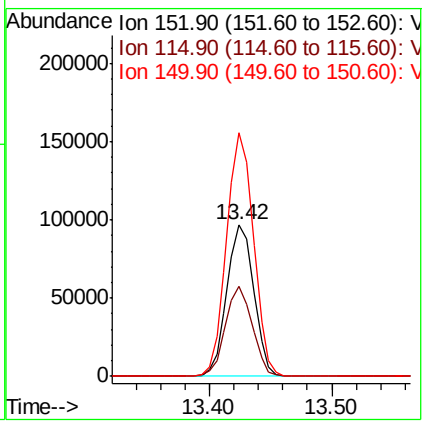


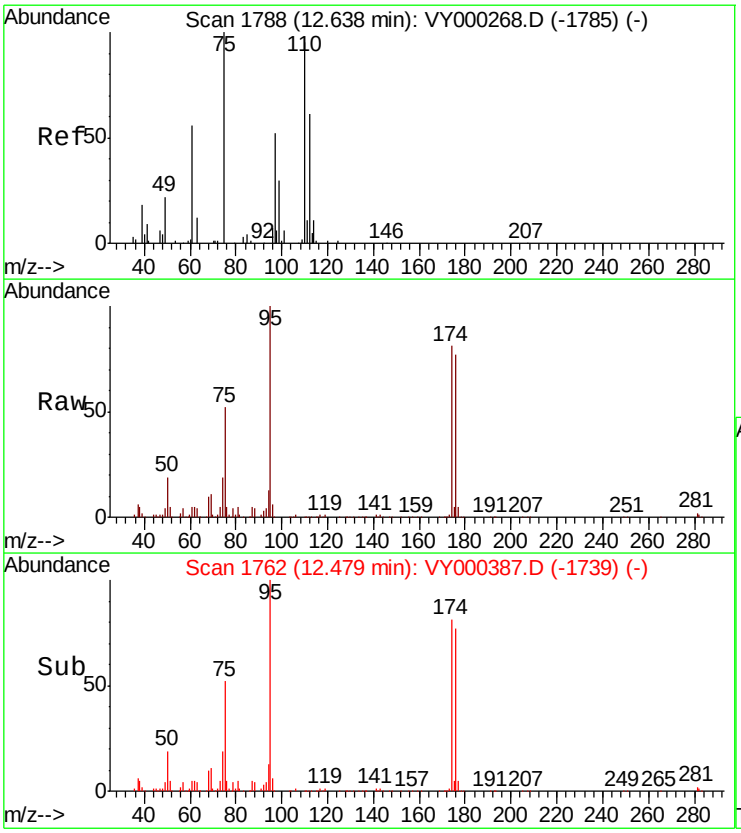
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000387.D
Acq: 23 Oct 2019 17:32

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:152 Resp: 147977

Ion	Ratio	Lower	Upper
152	100		
115	59.0	29.3	88.0
150	160.0	0.0	348.4

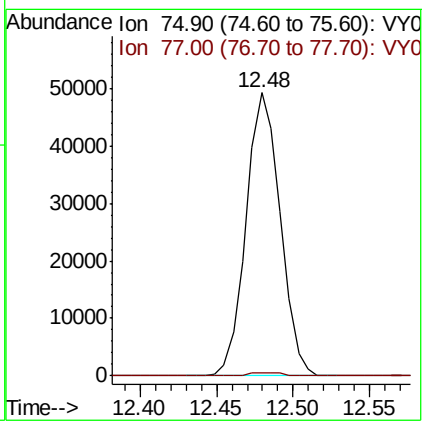


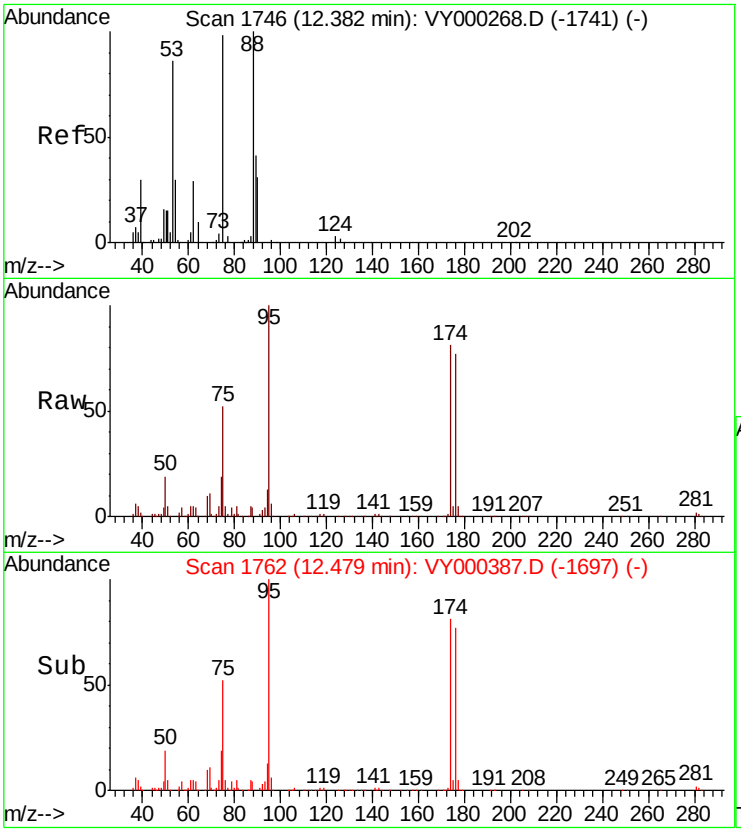


#76
1,2,3-Trichloropropane
Concen: 42.045 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.16 min
Lab File: VY000387.D
Acq: 23 Oct 2019 17:32

Tgt Ion: 75 Resp: 76505

Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 91.992 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.10 min
Lab File: VY000387.D
Acq: 23 Oct 2019 17:32

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 76505

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