Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY102319\
Data File : VY000392.D
Acq On : 23 Oct 2019 19:28
Operator : SY/MD
Sample : K5498-02
Misc : 8.59G/5ML/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Time: Oct 24 04:48:32 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	181960	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	299954	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	233111	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	84742	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	94641	49.31	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.62%			
35) Dibromofluoromethane	7.73	113	84712	46.82	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.64%			
50) Toluene-d8	10.19	98	335334	48.18	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.36%			
62) 4-Bromofluorobenzene	12.48	95	90498	34.22	ug/l	0.00
Spiked Amount 50.000			Recovery = 68.44%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	18	Below Cal	#	41
10) Methyl Iodide	4.11	142	96	1.221	ug/l #	41
16) Acetone	3.96	43	891	1.433	ug/l #	60
20) Methylene Chloride	4.72	84	3169	Below Cal	#	82
31) Cyclohexane	7.80	56	3901	1.062	ug/l #	20
36) 1,1-Dichloropropene	7.80	75	13109	4.464	ug/l #	51
38) Carbon Tetrachloride	7.80	117	17479	6.147	ug/l #	19
76) 1,2,3-Trichloropropane	12.48	75	49984	47.968	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	49984	104.951	ug/l #	14

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

Quantitation Report (Not Reviewed)

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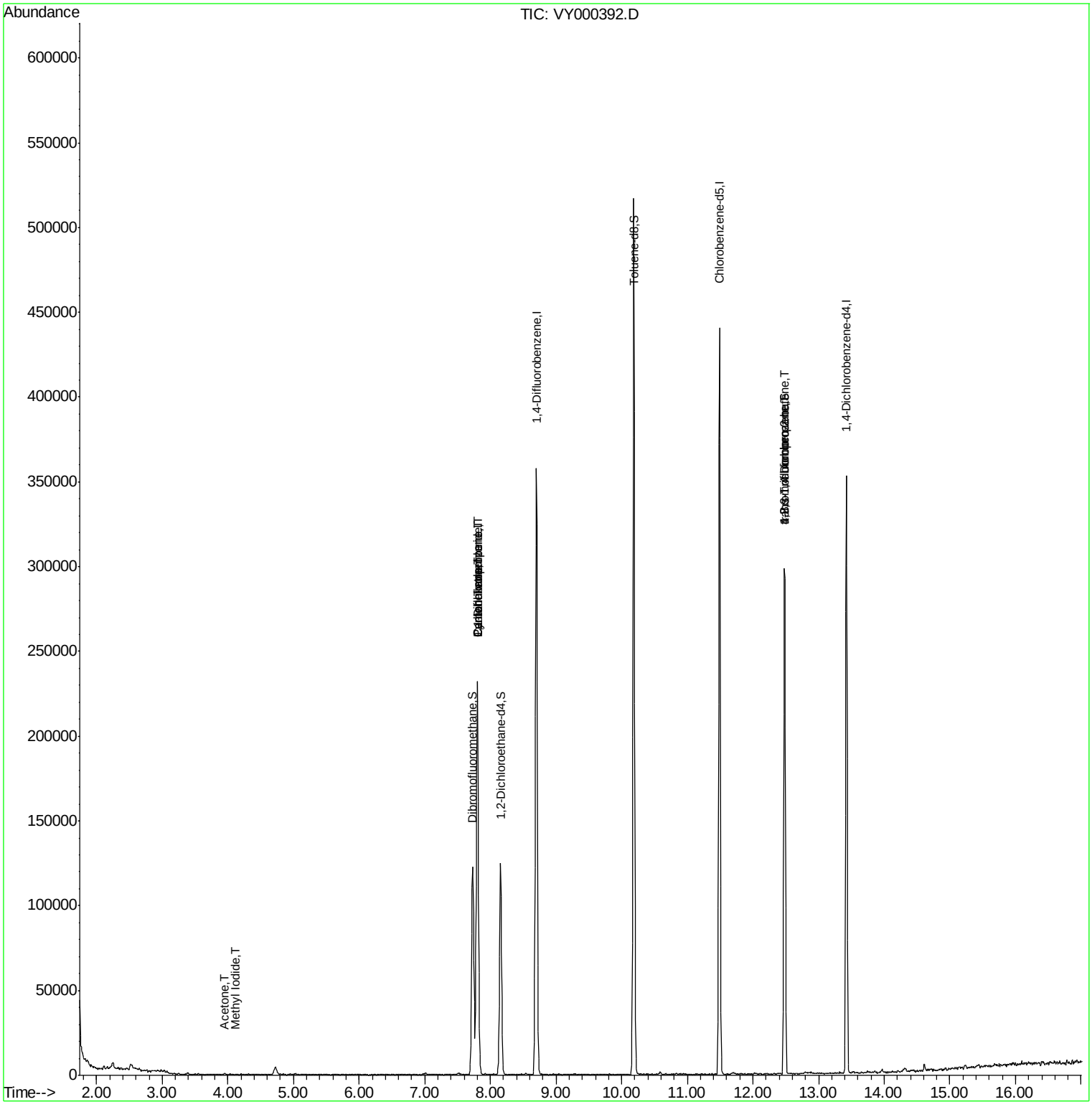
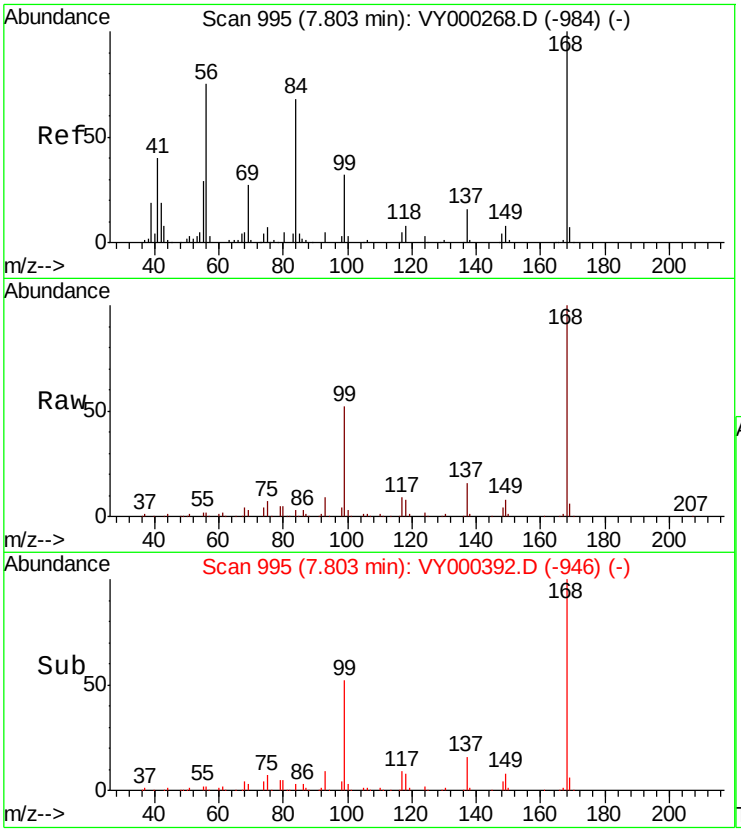


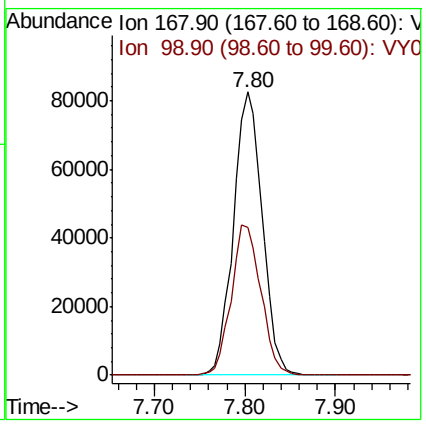


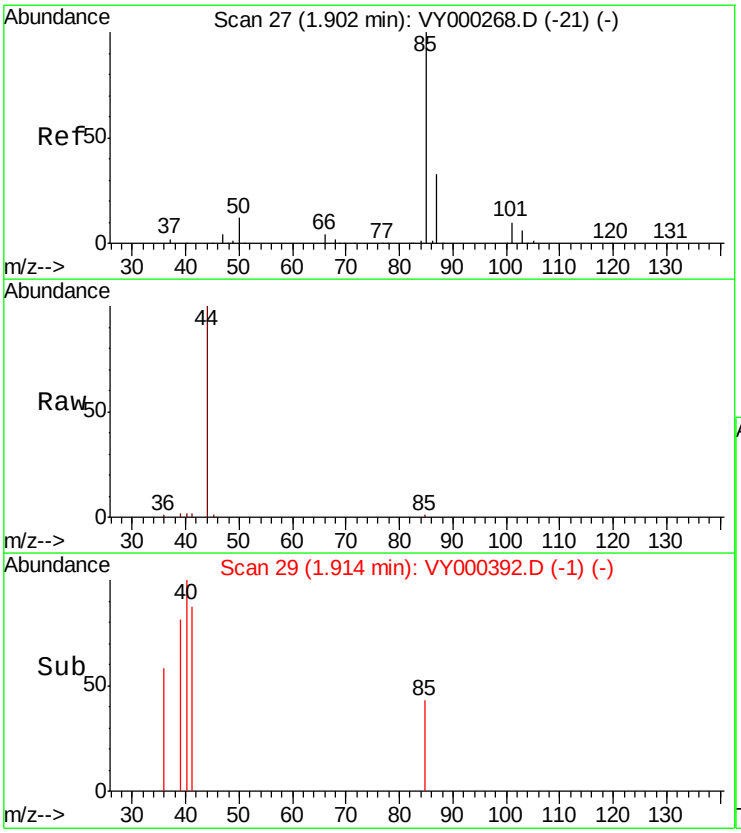
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.00 min
Lab File: VY000392.D
Acq: 23 Oct 2019 19:28

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 181960

Ion	Ratio	Lower	Upper
168	100		
99	52.3	46.6	69.8

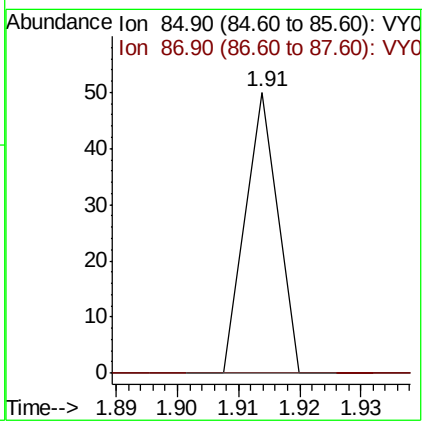


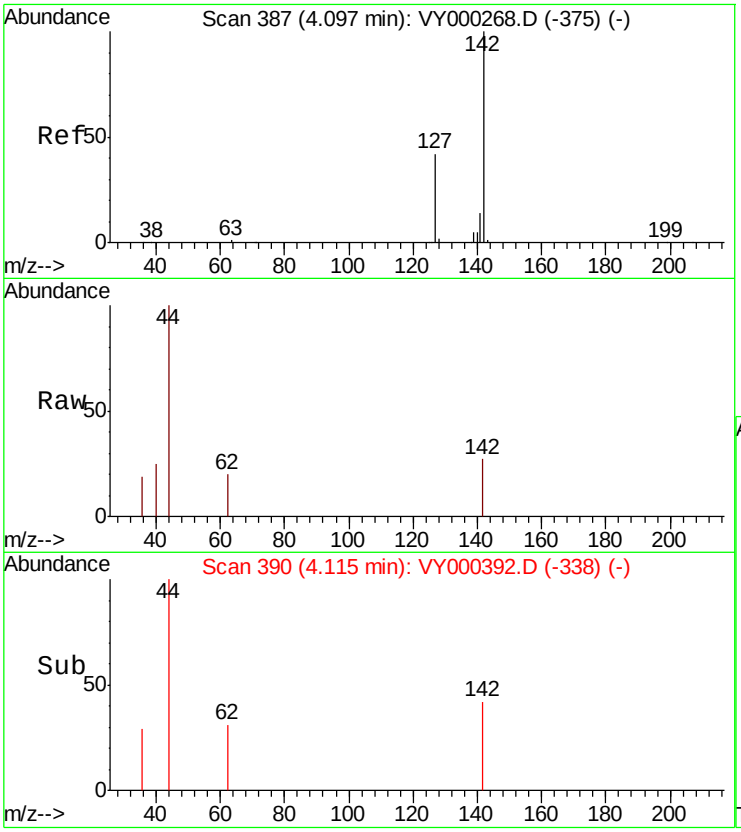


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.91 min Scan# 29
Delta R.T. 0.01 min
Lab File: VY000392.D
Acq: 23 Oct 2019 19:28

Tgt Ion: 85 Resp: 18

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.6	49.8#



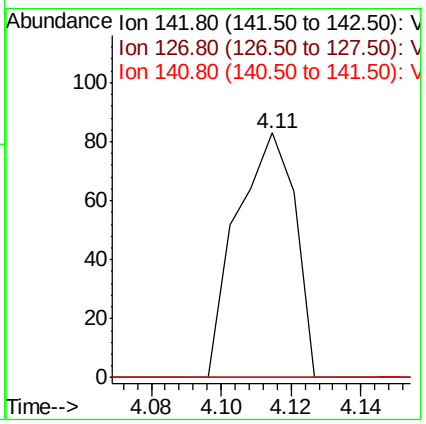


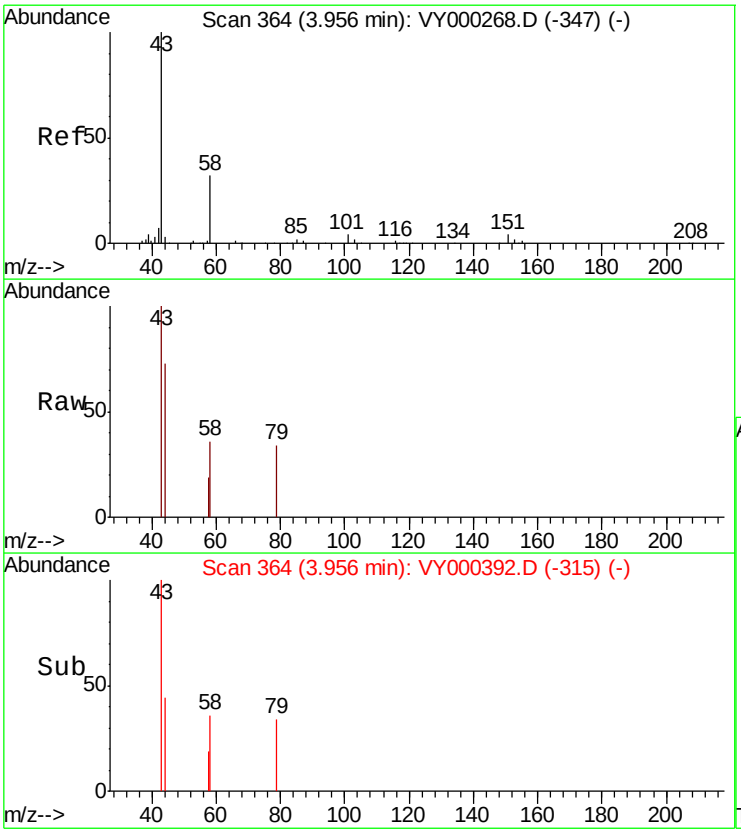
#10
Methyl Iodide
Concen: 1.221 ug/l
RT: 4.11 min Scan# 390
Delta R.T. 0.02 min
Lab File: VY000392.D
Acq: 23 Oct 2019 19:28

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion:142 Resp: 96

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

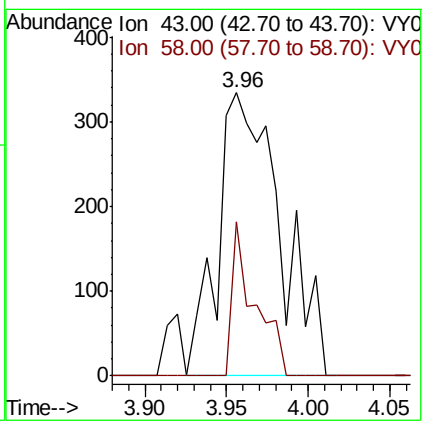


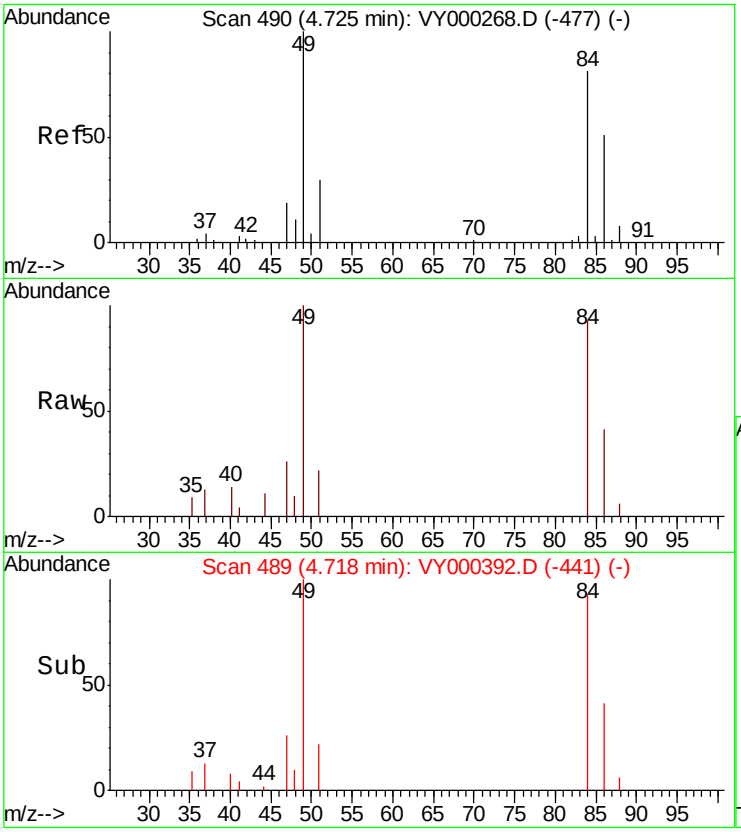


#16
Acetone
Concen: 1.433 ug/l
RT: 3.96 min Scan# 364
Delta R.T. -0.00 min
Lab File: VY000392.D
Acq: 23 Oct 2019 19:28

Tgt Ion: 43 Resp: 891

Ion	Ratio	Lower	Upper
43	100		
58	54.5	25.8	38.6#



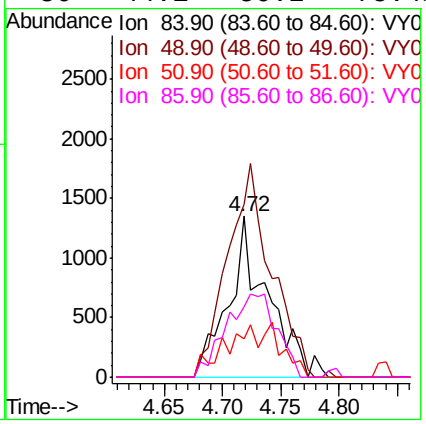


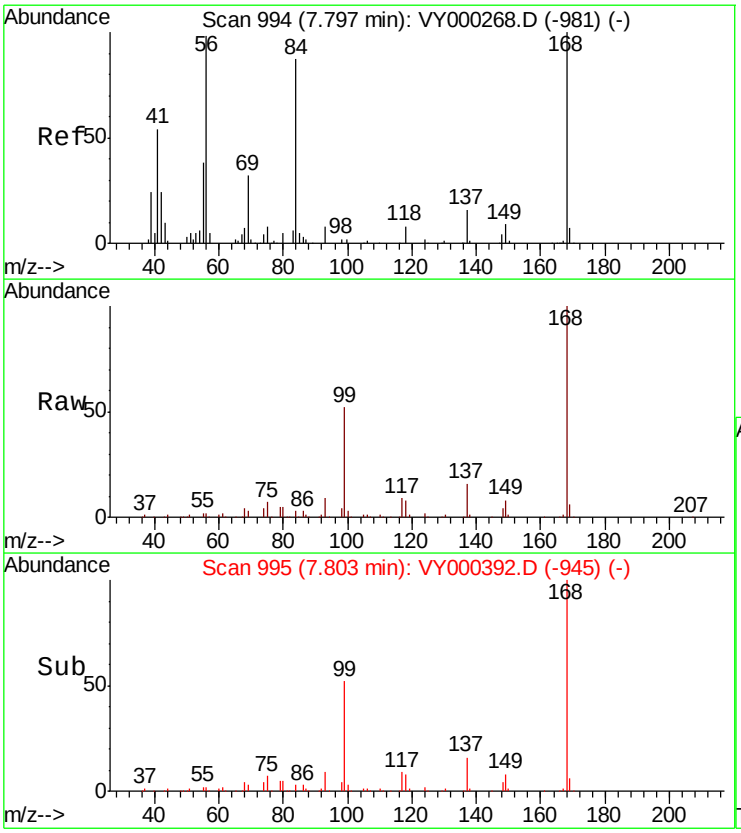
#20
Methylene Chloride
Concen: Below Cal
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY000392.D
Acq: 23 Oct 2019 19:28

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 84 Resp: 3169

Ion	Ratio	Lower	Upper
84	100		
49	107.8	99.0	148.4
51	23.8	29.3	43.9#
86	44.1	50.2	75.4#

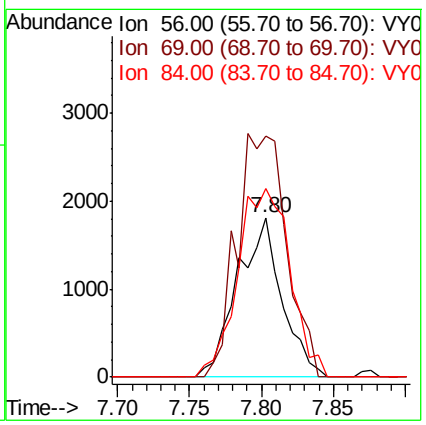


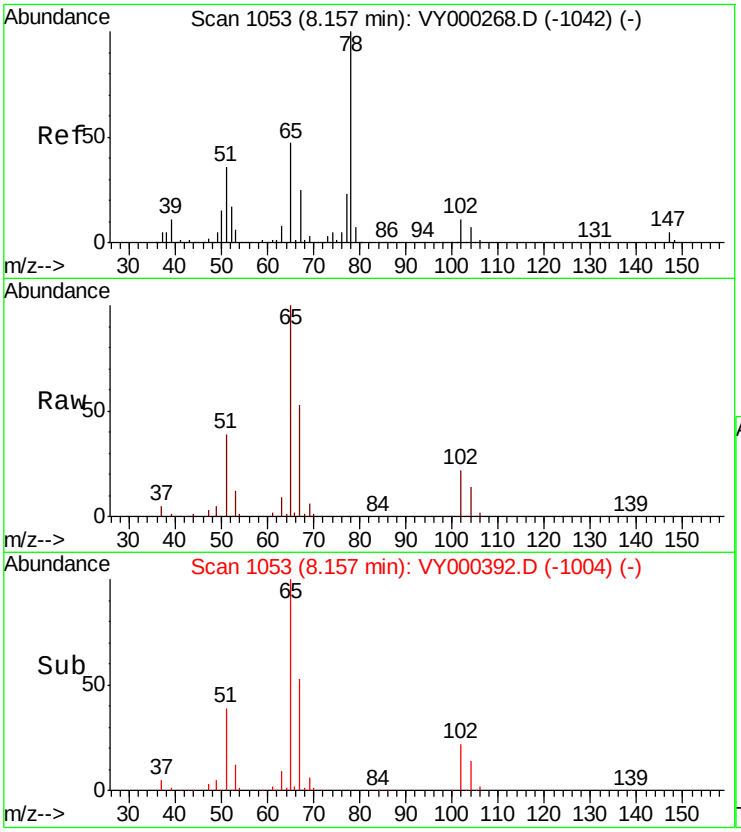


#31
Cyclohexane
Concen: 1.062 ug/l
RT: 7.80 min Scan# 995
Delta R.T. 0.01 min
Lab File: VY000392.D
Acq: 23 Oct 2019 19:28

Tgt Ion: 56 Resp: 3901

Ion	Ratio	Lower	Upper
56	100		
69	151.3	26.3	39.5#
84	118.6	70.8	106.2#



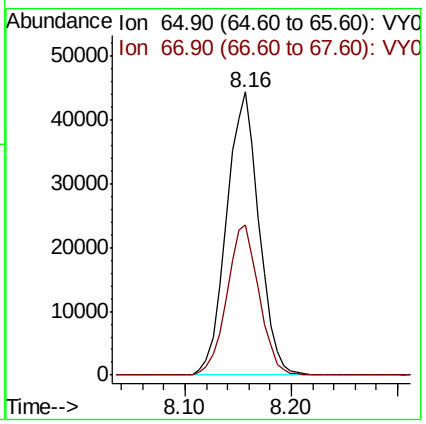


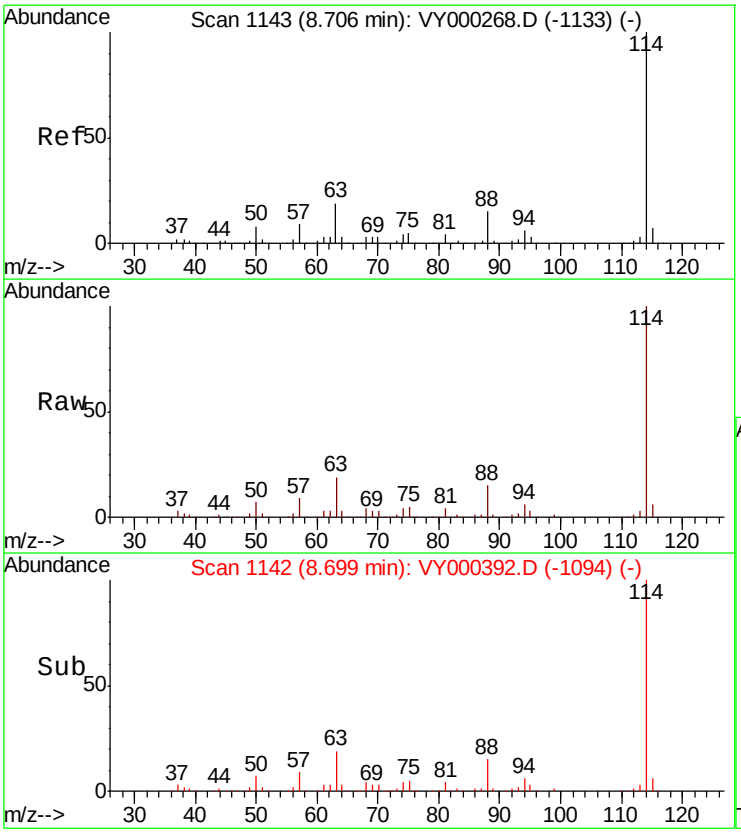
#33
1,2-Dichloroethane-d4
Concen: 49.308 ug/l
RT: 8.16 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VY000392.D
Acq: 23 Oct 2019 19:28

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 65 Resp: 94641

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	109.4

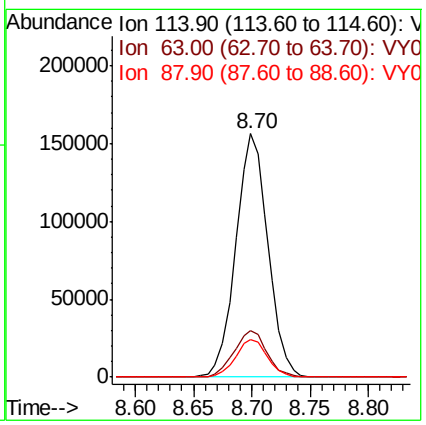


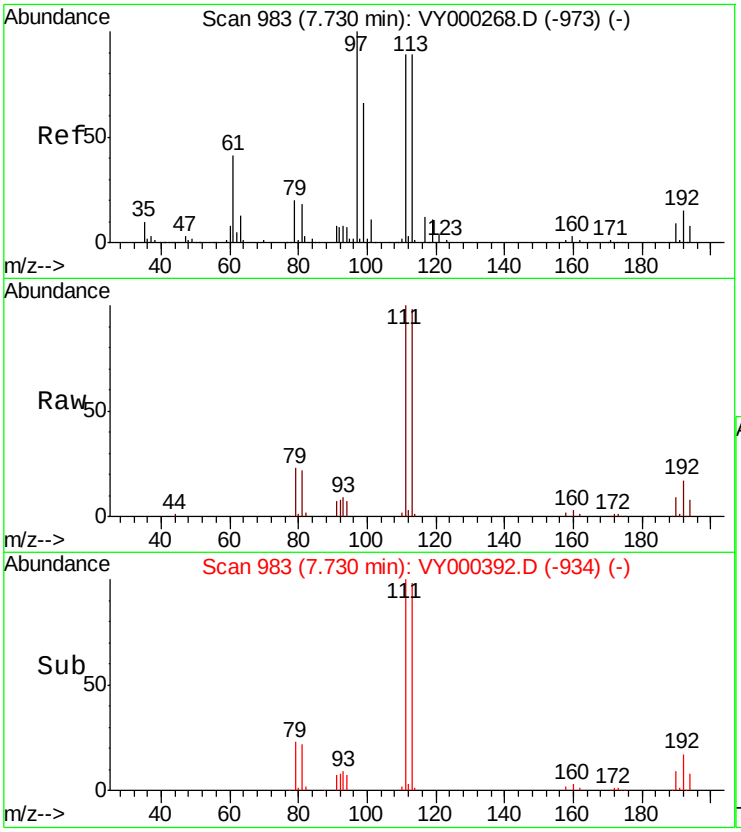


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.70 min Scan# 1142
Delta R.T. -0.01 min
Lab File: VY000392.D
Acq: 23 Oct 2019 19:28

Tgt Ion:114 Resp: 299954

Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	37.2
88	15.3	0.0	30.2



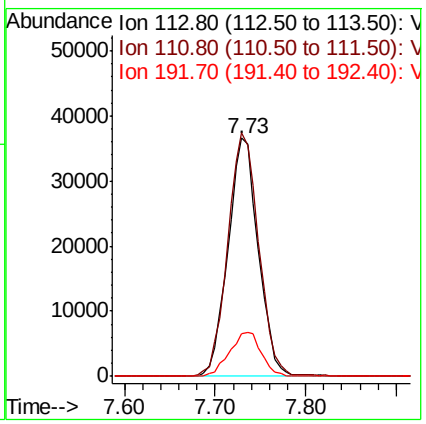


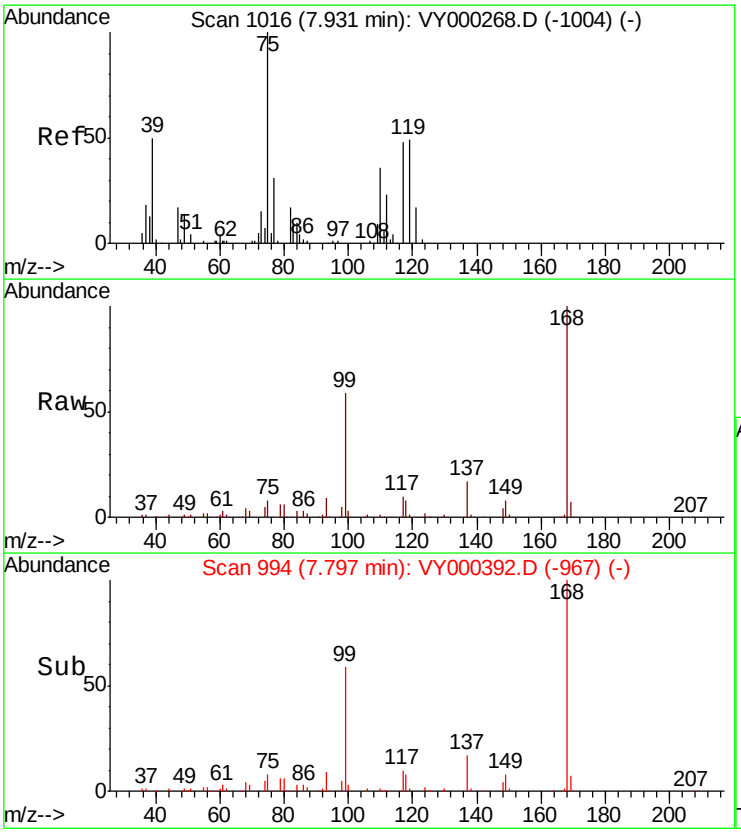
#35
Dibromofluoromethane
Concen: 46.819 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.00 min
Lab File: VY000392.D
Acq: 23 Oct 2019 19:28

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:113 Resp: 84712

Ion	Ratio	Lower	Upper
113	100		
111	104.3	81.6	122.4
192	19.3	15.3	22.9

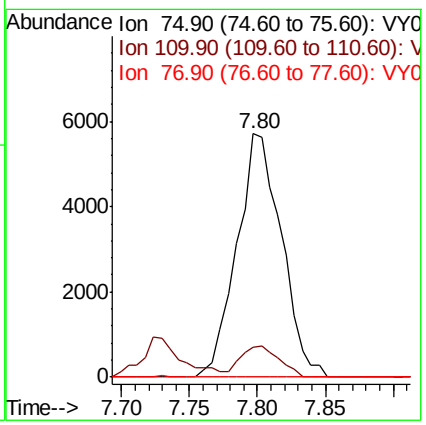


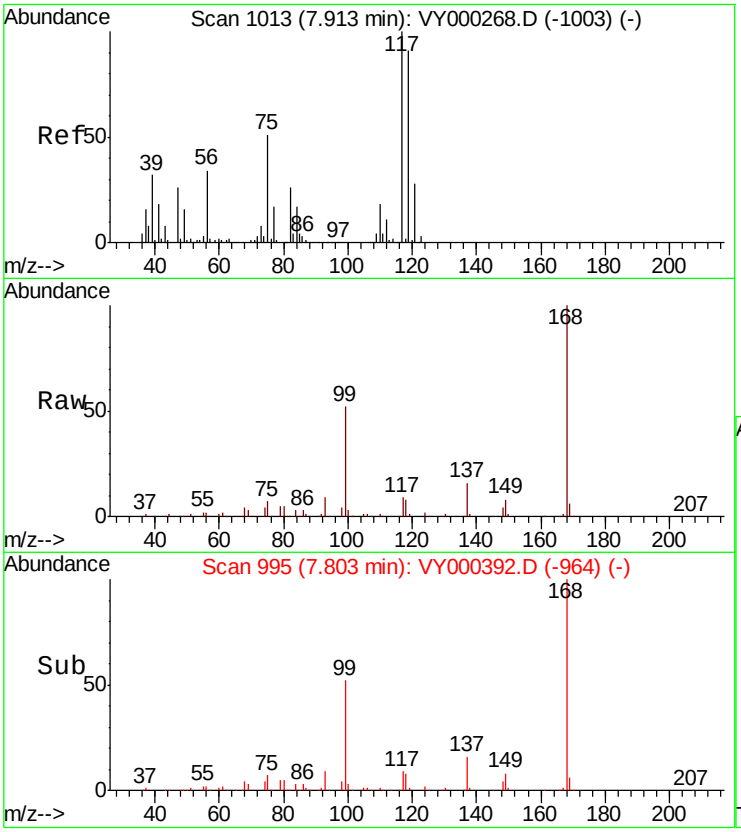


#36
1,1-Dichloropropene
Concen: 4.464 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.13 min
Lab File: VY000392.D
Acq: 23 Oct 2019 19:28

Tgt Ion: 75 Resp: 13109

Ion	Ratio	Lower	Upper
75	100		
110	11.2	18.4	55.4#
77	0.0	25.0	37.6#



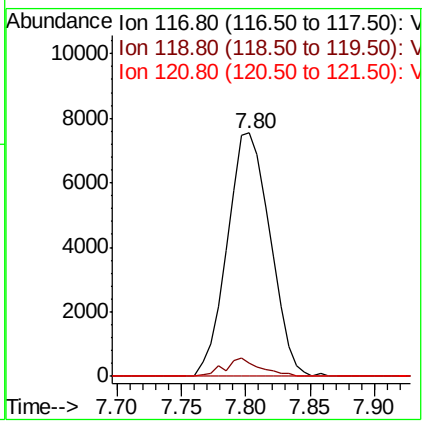


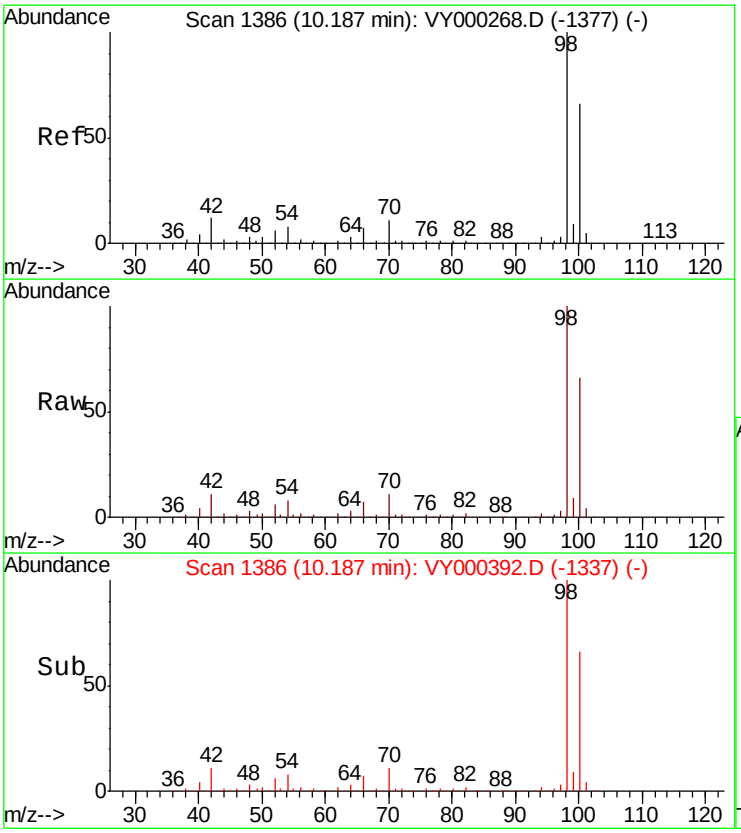
#38
Carbon Tetrachloride
Concen: 6.147 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.11 min
Lab File: VY000392.D
Acq: 23 Oct 2019 19:28

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 17479

Ion	Ratio	Lower	Upper
117	100		
119	5.6	72.8	109.2#
121	0.0	22.2	33.2#

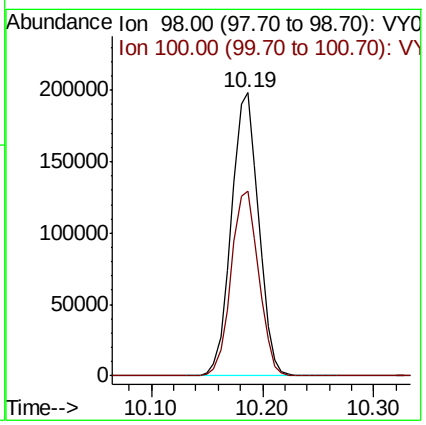


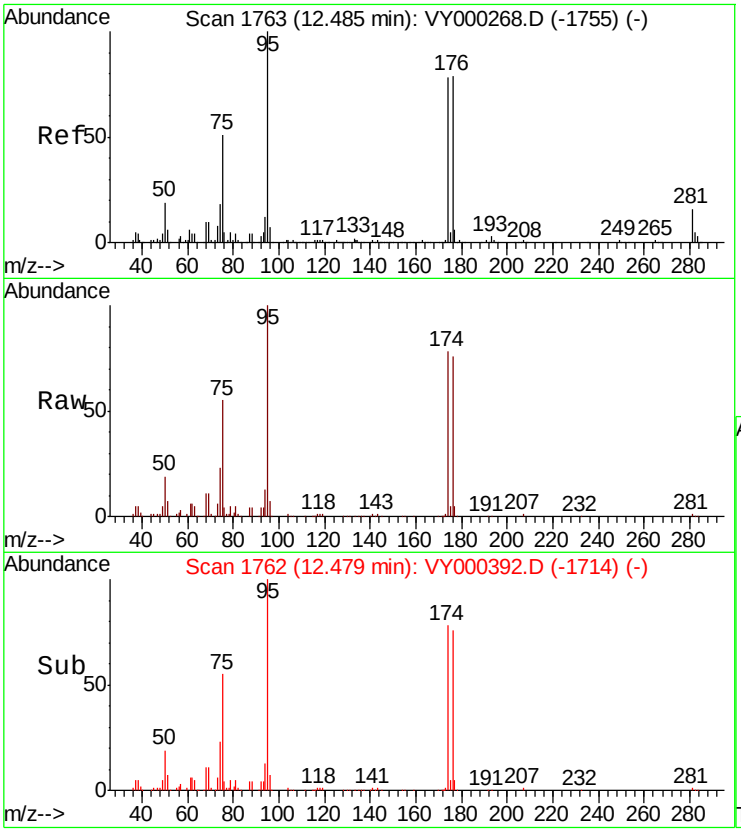


#50
Toluene-d8
Concen: 48.179 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.00 min
Lab File: VY000392.D
Acq: 23 Oct 2019 19:28

Tgt Ion: 98 Resp: 335334

Ion	Ratio	Lower	Upper
98	100		
100	66.3	52.8	79.2



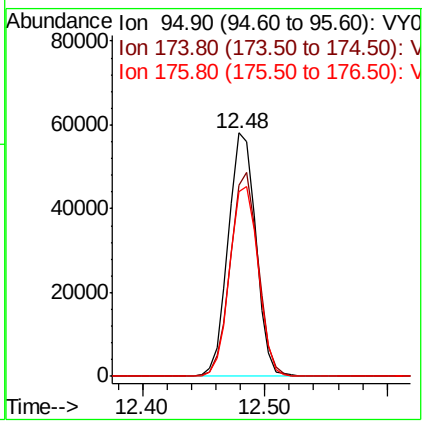


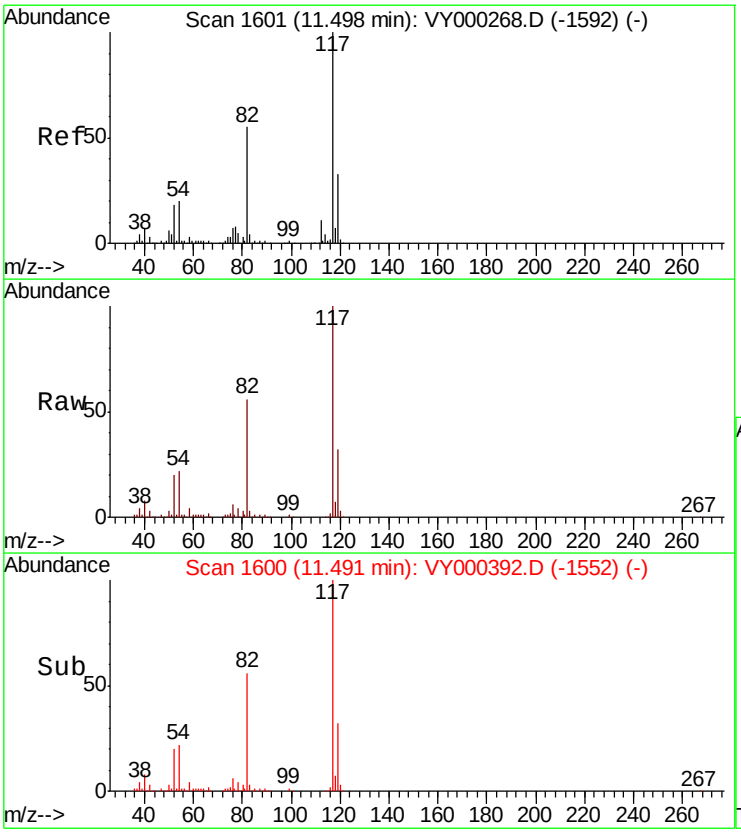
#62
4-Bromofluorobenzene
Concen: 34.225 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VY000392.D
Acq: 23 Oct 2019 19:28

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 95 Resp: 90498

Ion	Ratio	Lower	Upper
95	100		
174	84.1	0.0	159.6
176	80.5	0.0	153.8

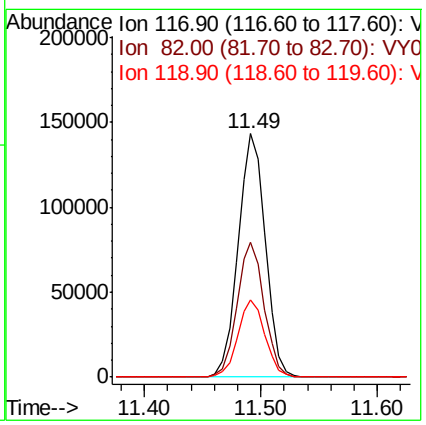


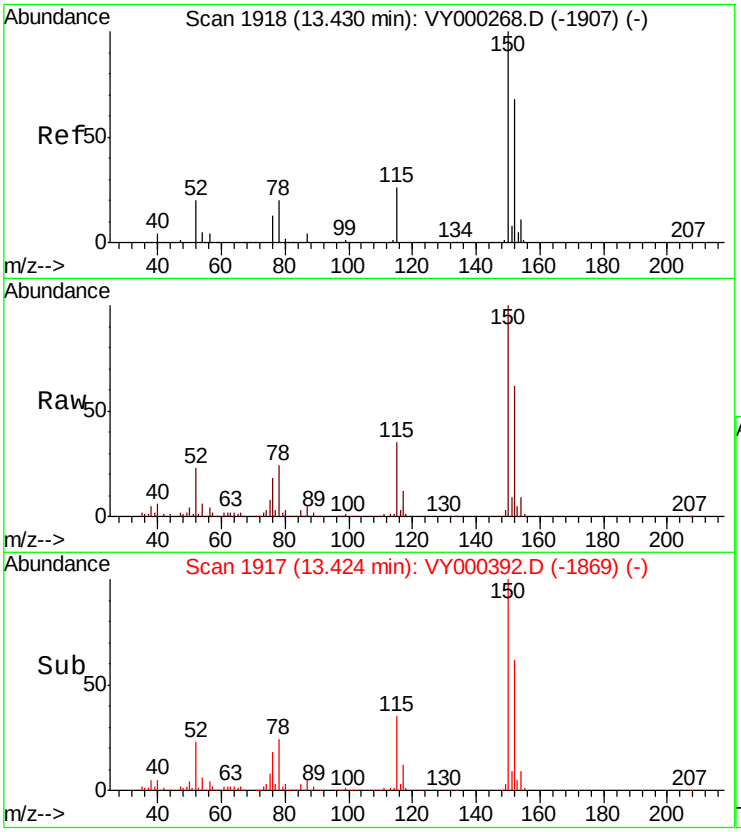


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000392.D
Acq: 23 Oct 2019 19:28

Tgt Ion:117 Resp: 233111

Ion	Ratio	Lower	Upper
117	100		
82	55.6	43.7	65.5
119	32.0	26.6	39.8



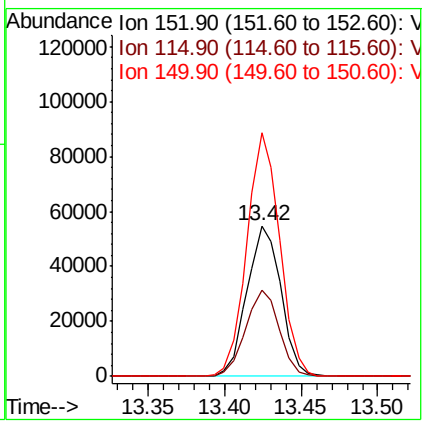


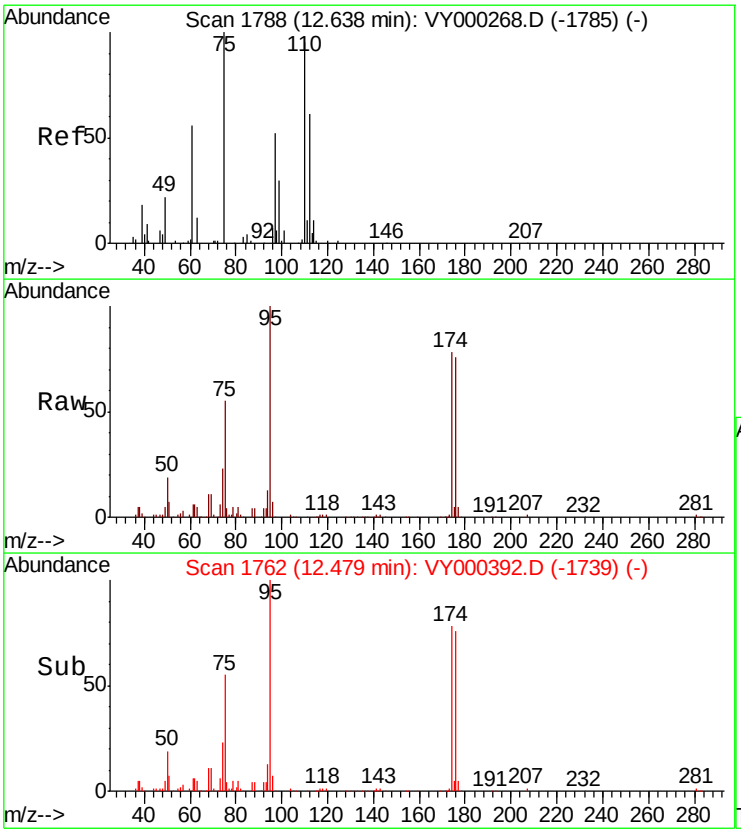
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000392.D
Acq: 23 Oct 2019 19:28

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:152 Resp: 84742

Ion	Ratio	Lower	Upper
152	100		
115	56.5	29.3	88.0
150	155.4	0.0	348.4

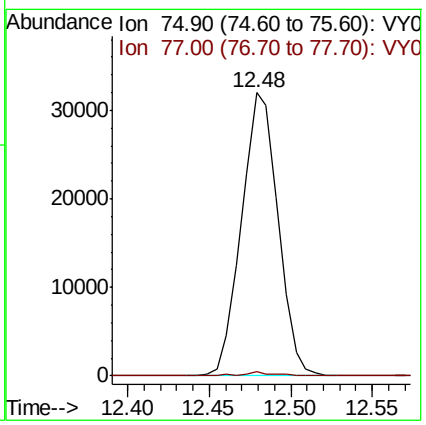


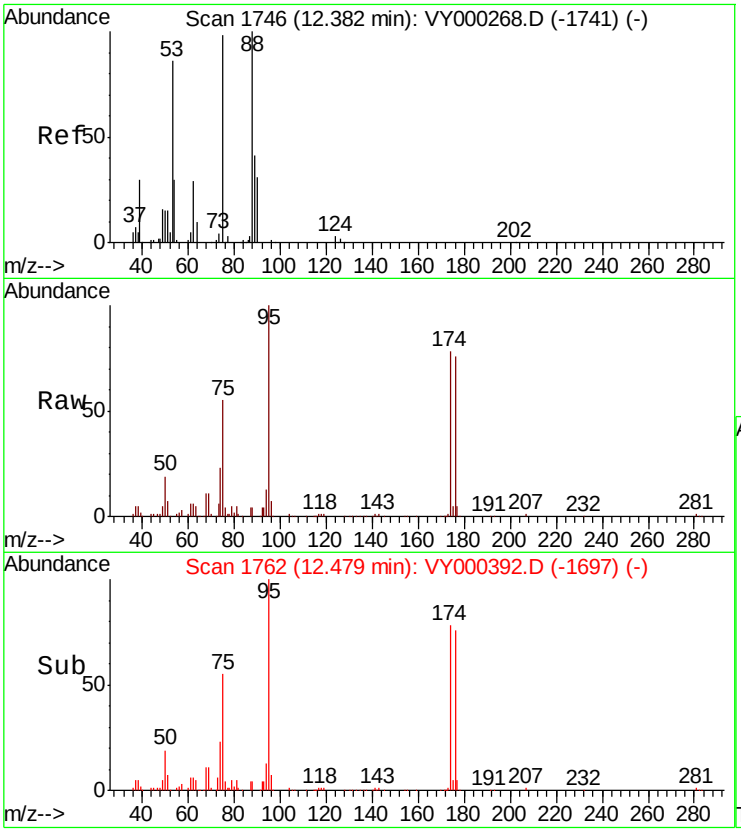


#76
1,2,3-Trichloropropane
Concen: 47.968 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.16 min
Lab File: VY000392.D
Acq: 23 Oct 2019 19:28

Tgt Ion: 75 Resp: 49984

Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 104.951 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.10 min
Lab File: VY000392.D
Acq: 23 Oct 2019 19:28

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 49984

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