Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY102319\
Data File : VY000395.D
Acq On : 23 Oct 2019 20:37
Operator : SY/MD
Sample : K5498-08
Misc : 6.09G/5ML/MSVOA_Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Time: Oct 24 04:49:03 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	212588	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	368311	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	297352	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	108549	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	123064	54.88	ug/l	0.00
Spiked Amount 50.000			Recovery = 109.76%			
35) Dibromofluoromethane	7.73	113	105794	47.62	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.24%			
50) Toluene-d8	10.18	98	413580	48.39	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.78%			
62) 4-Bromofluorobenzene	12.48	95	116008	35.73	ug/l	0.00
Spiked Amount 50.000			Recovery = 71.46%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	19	Below Cal	#	41
10) Methyl Iodide	4.10	142	160	1.236	ug/l #	56
11) Tert butyl alcohol	4.99	59	651	2.774	ug/l #	73
16) Acetone	3.96	43	4058	5.588	ug/l #	80
20) Methylene Chloride	4.72	84	3688	Below Cal	#	71
31) Cyclohexane	7.80	56	4649	1.084	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	16628	4.611	ug/l #	49
38) Carbon Tetrachloride	7.81	117	21145	6.056	ug/l #	16
76) 1,2,3-Trichloropropane	12.48	75	63482	47.560	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	63482	104.059	ug/l #	14

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

Quantitation Report (Not Reviewed)

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MSVOA_Y
ClientSampleId :

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
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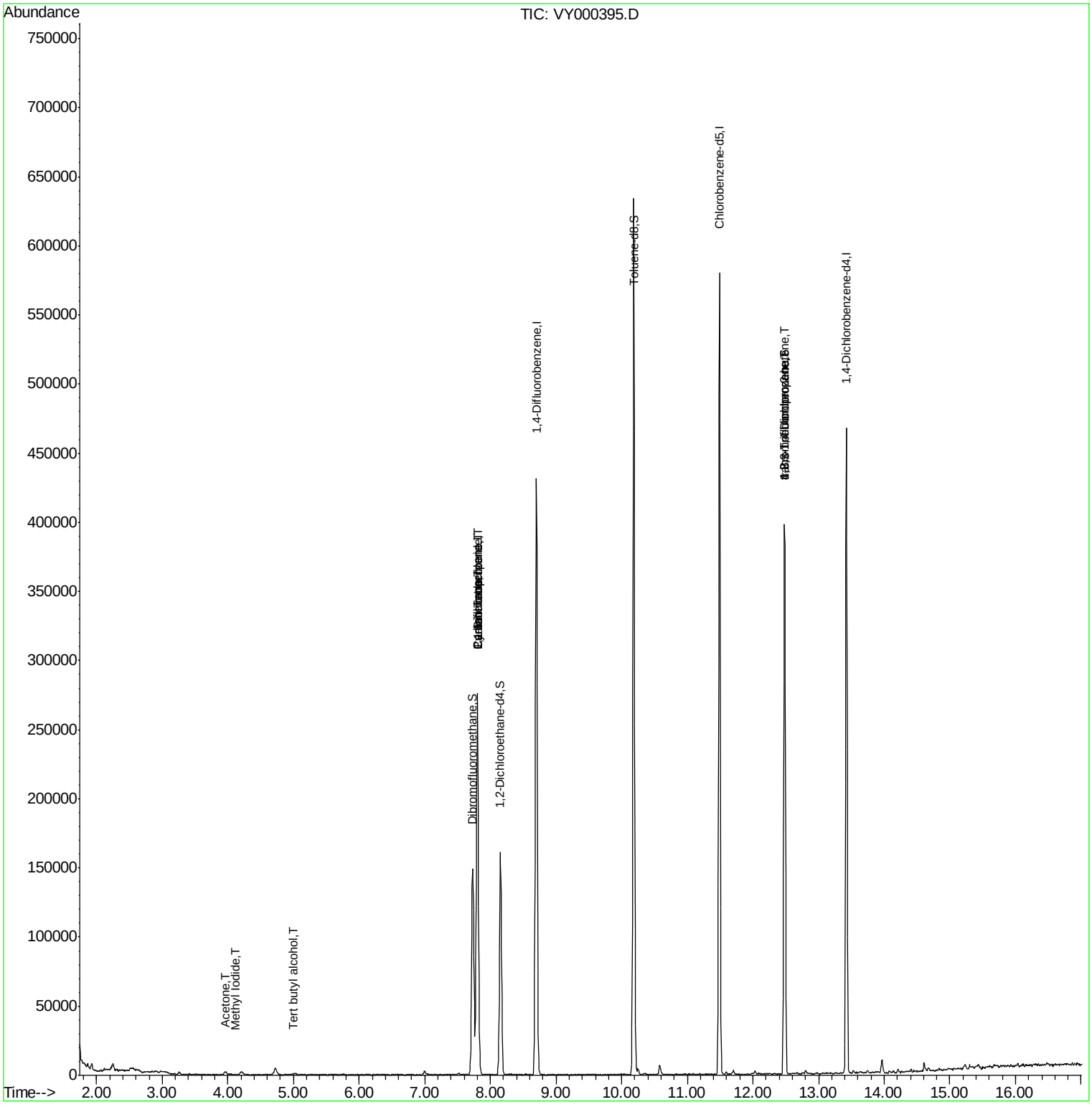
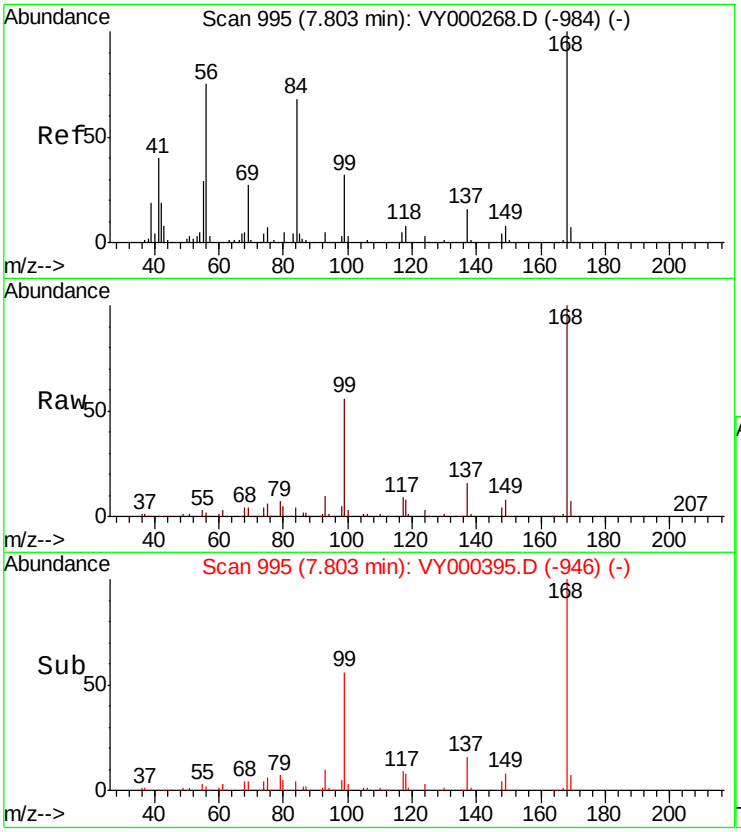


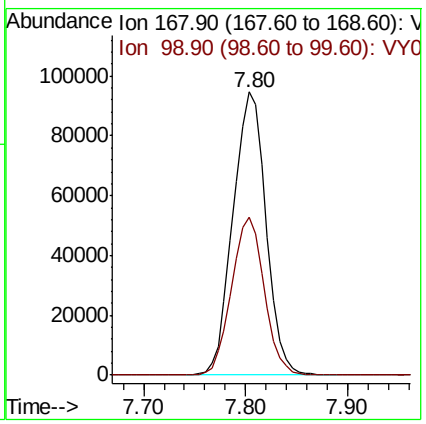


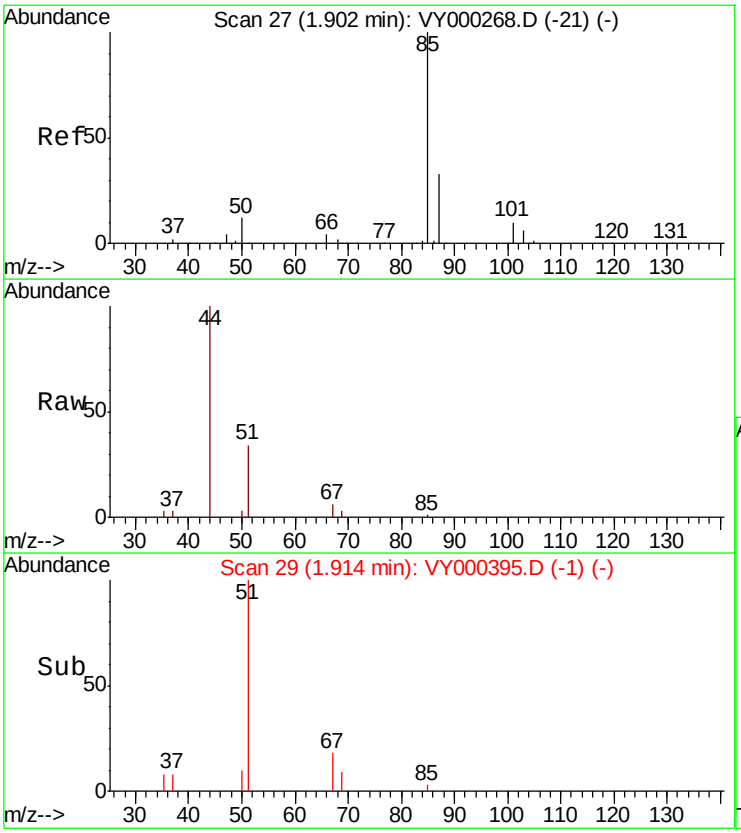
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 995
Delta R.T. 0.00 min
Lab File: VY000395.D
Acq: 23 Oct 2019 20:37

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 212588

Ion	Ratio	Lower	Upper
168	100		
99	56.0	46.6	69.8

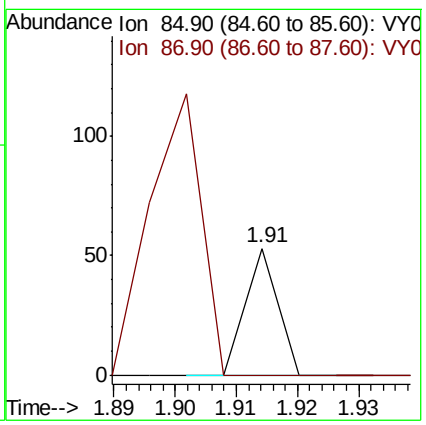


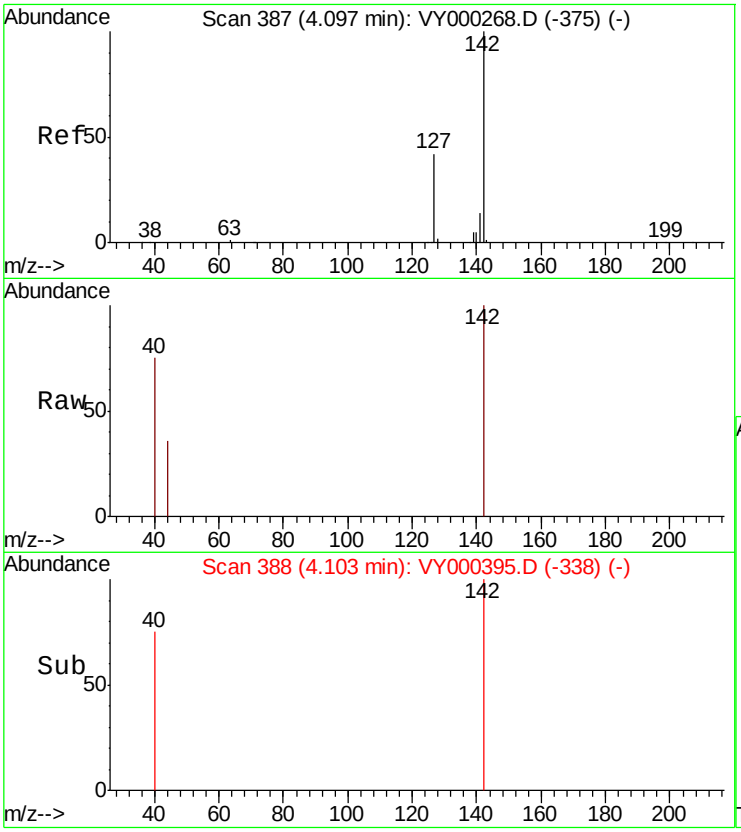


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.91 min Scan# 29
Delta R.T. 0.01 min
Lab File: VY000395.D
Acq: 23 Oct 2019 20:37

Tgt Ion: 85 Resp: 19

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.6	49.8#



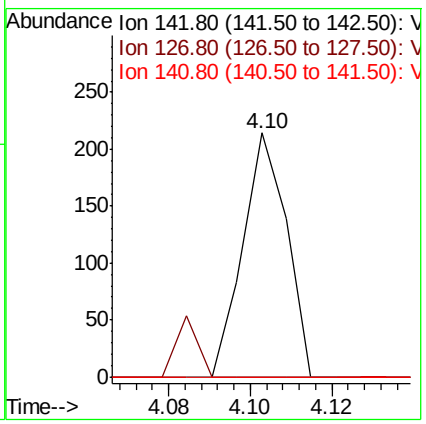


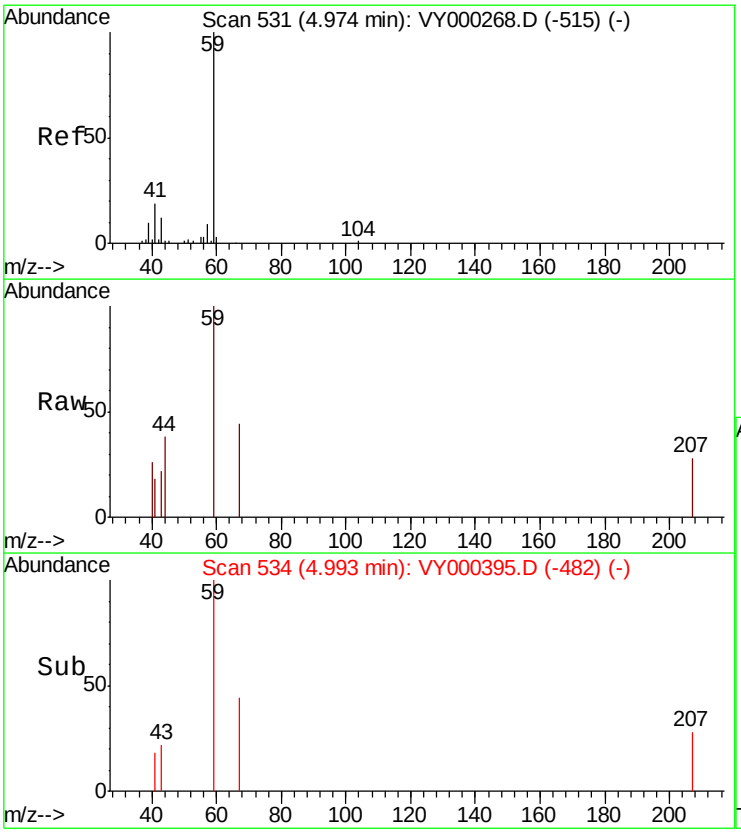
#10
Methyl Iodide
Concen: 1.236 ug/l
RT: 4.10 min Scan# 388
Delta R.T. 0.01 min
Lab File: VY000395.D
Acq: 23 Oct 2019 20:37

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion:142 Resp: 160

Ion	Ratio	Lower	Upper
142	100		
127	12.5	33.9	50.9#
141	0.0	11.2	16.8#

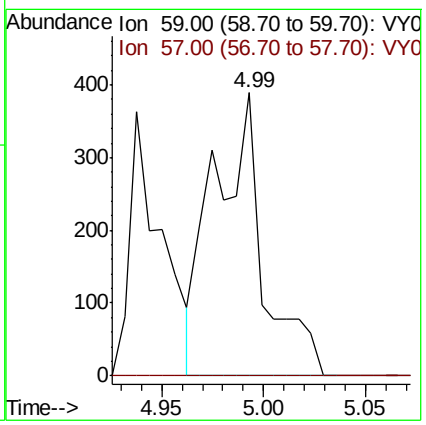


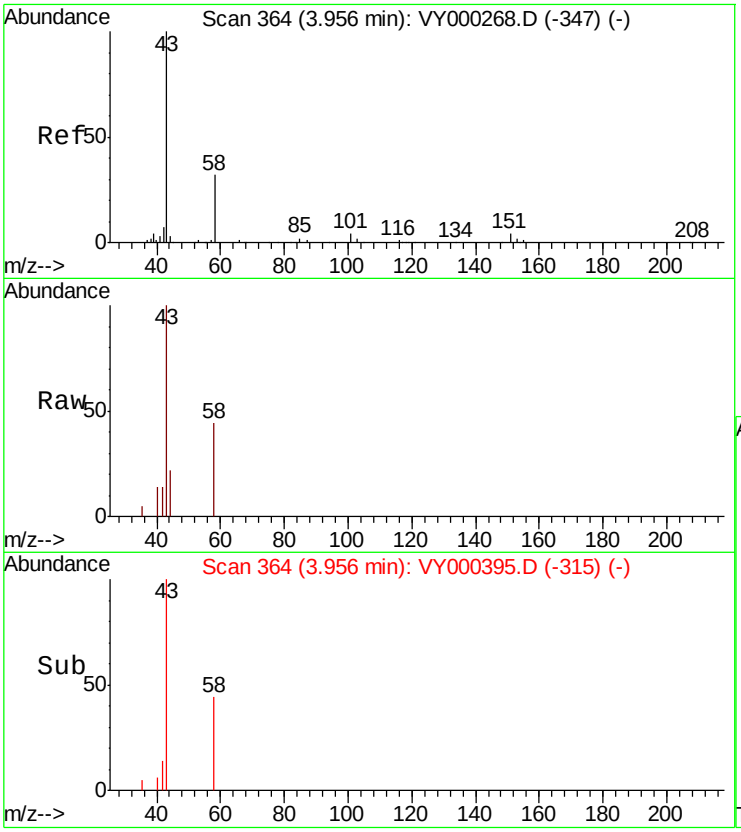


#11
Tert butyl alcohol
Concen: 2.774 ug/l
RT: 4.99 min Scan# 534
Delta R.T. 0.02 min
Lab File: VY000395.D
Acq: 23 Oct 2019 20:37

Tgt Ion: 59 Resp: 651

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.2#



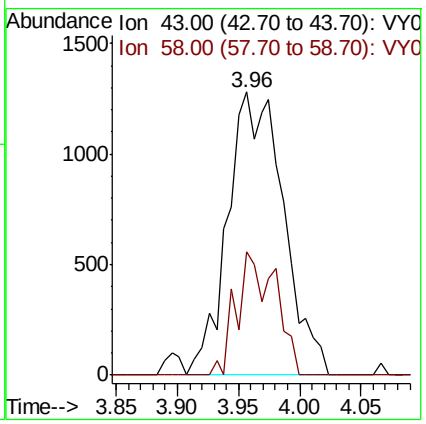


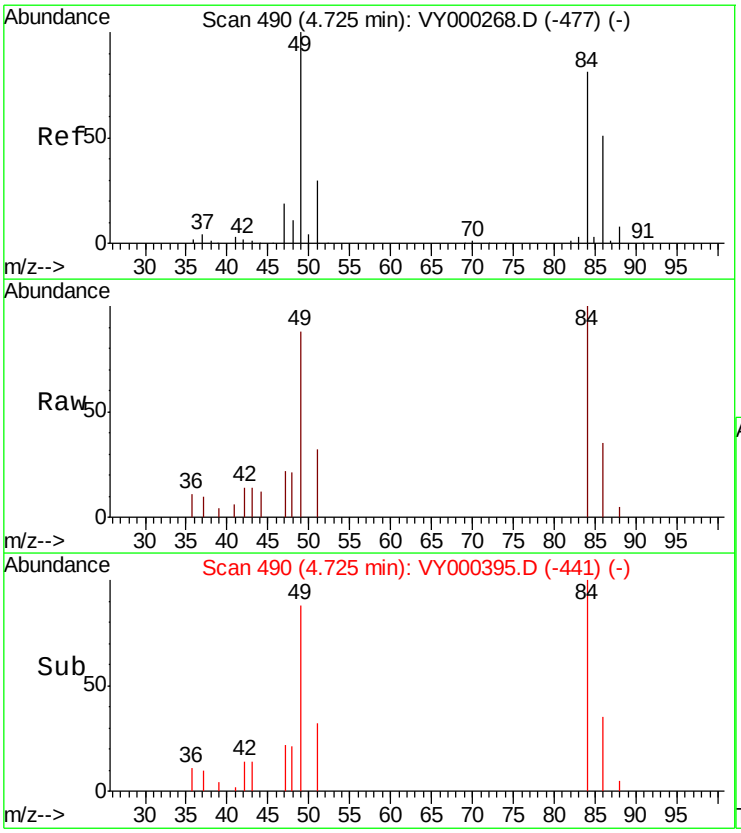
#16
Acetone
Concen: 5.588 ug/l
RT: 3.96 min Scan# 364
Delta R.T. 0.00 min
Lab File: VY000395.D
Acq: 23 Oct 2019 20:37

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 4058

Ion	Ratio	Lower	Upper
43	100		
58	43.6	25.8	38.6#

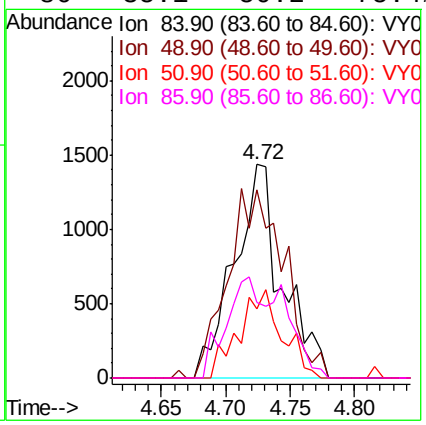


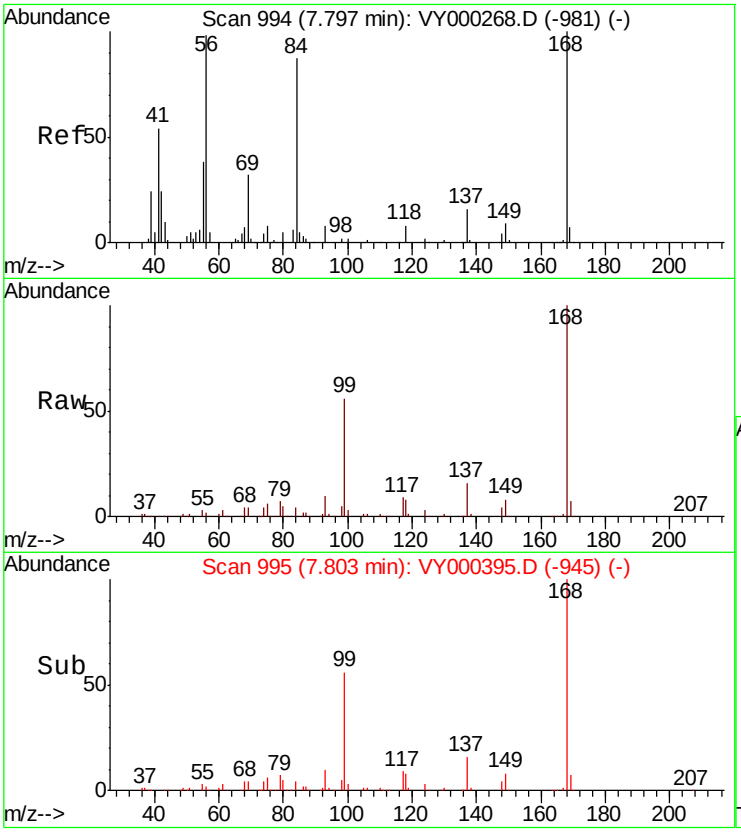


#20
Methylene Chloride
Concen: Below Cal
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY000395.D
Acq: 23 Oct 2019 20:37

Tgt Ion: 84 Resp: 3688

Ion	Ratio	Lower	Upper
84	100		
49	88.2	99.0	148.4#
51	32.2	29.3	43.9
86	35.1	50.2	75.4#



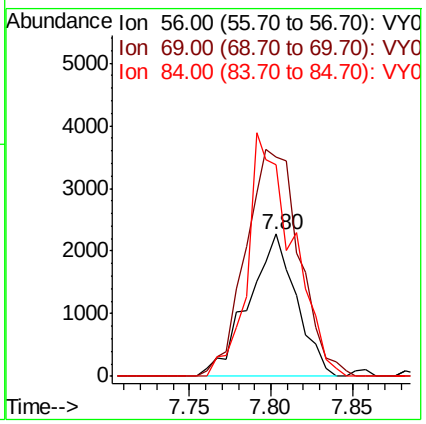


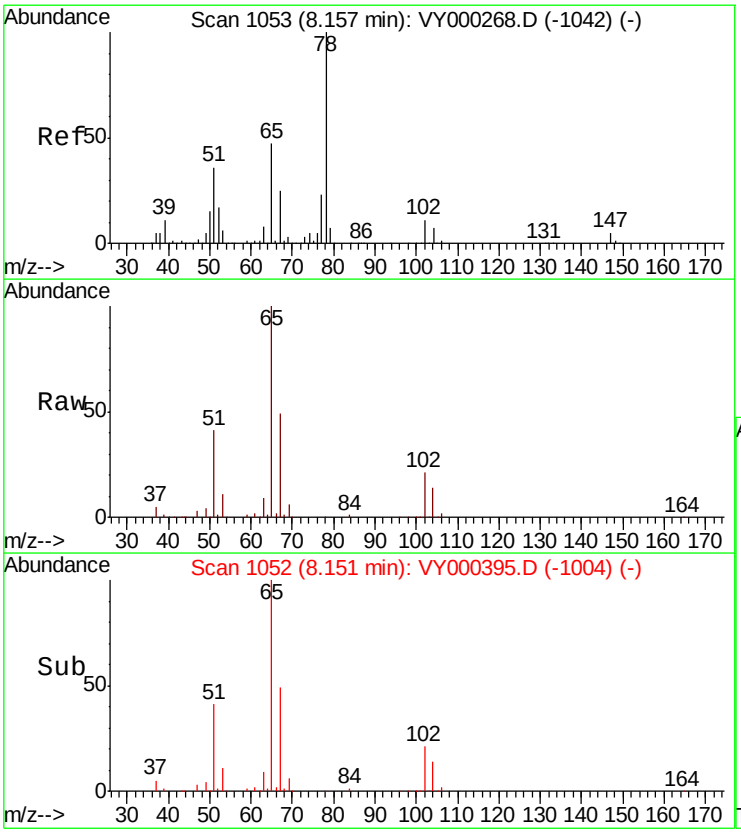
#31
Cyclohexane
Concen: 1.084 ug/l
RT: 7.80 min Scan# 995
Delta R.T. 0.01 min
Lab File: VY000395.D
Acq: 23 Oct 2019 20:37

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 56 Resp: 4649

Ion	Ratio	Lower	Upper
56	100		
69	154.2	26.3	39.5#
84	148.8	70.8	106.2#

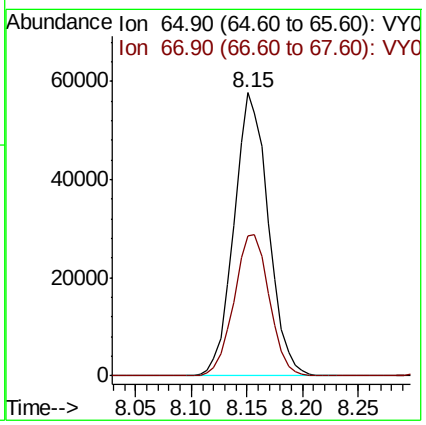


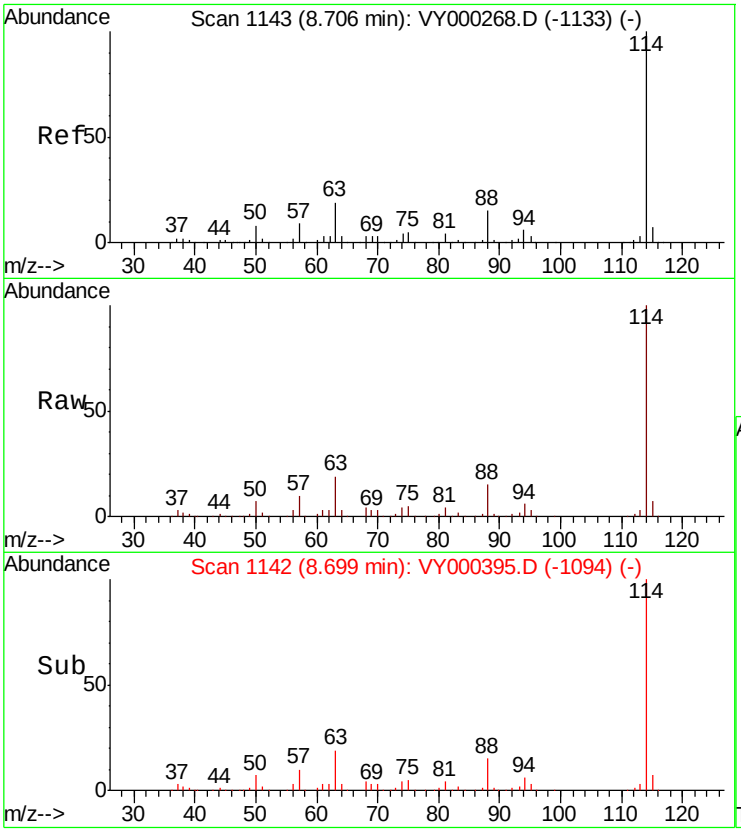


#33
1,2-Dichloroethane-d4
Concen: 54.879 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VY000395.D
Acq: 23 Oct 2019 20:37

Tgt Ion: 65 Resp: 123064

Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	109.4



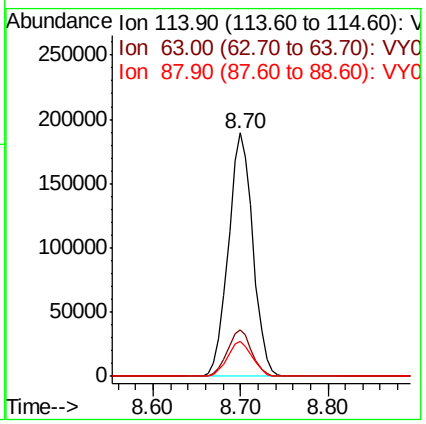


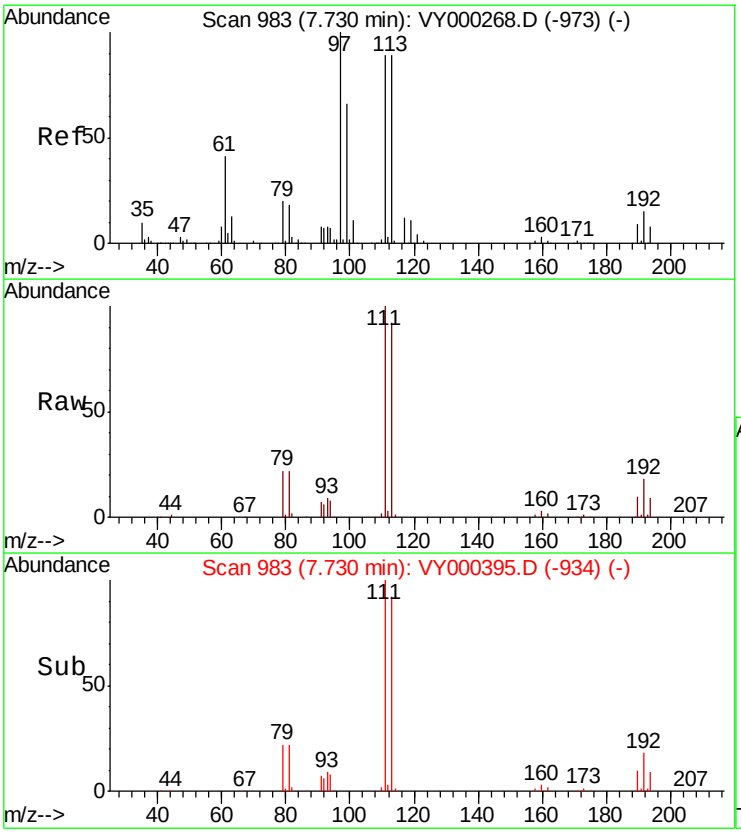
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.70 min Scan# 1142
Delta R.T. -0.01 min
Lab File: VY000395.D
Acq: 23 Oct 2019 20:37

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion:114 Resp: 368311

Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	37.2
88	14.5	0.0	30.2

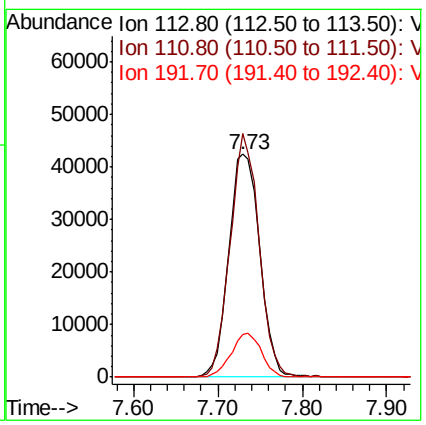


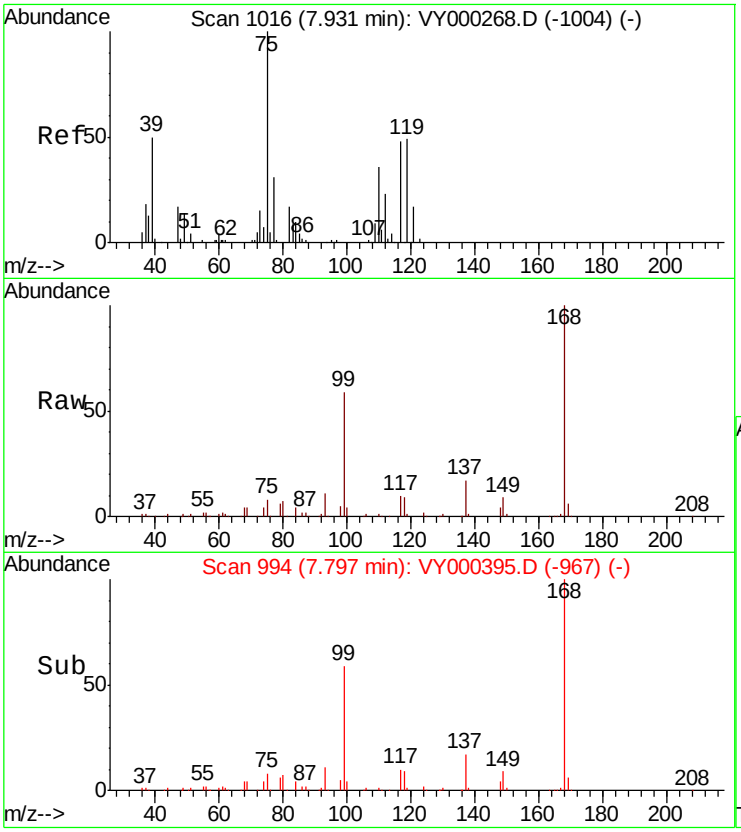


#35
Dibromofluoromethane
Concen: 47.619 ug/l
RT: 7.73 min Scan# 983
Delta R.T. 0.00 min
Lab File: VY000395.D
Acq: 23 Oct 2019 20:37

Tgt Ion:113 Resp: 105794

Ion	Ratio	Lower	Upper
113	100		
111	100.6	81.6	122.4
192	19.1	15.3	22.9



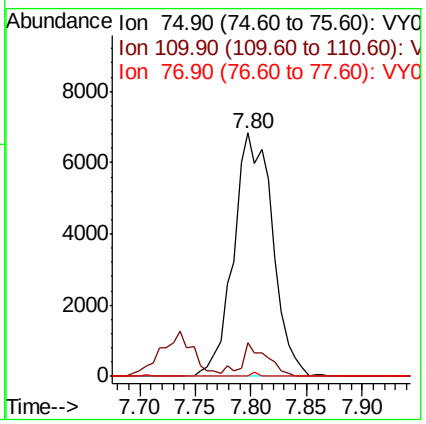


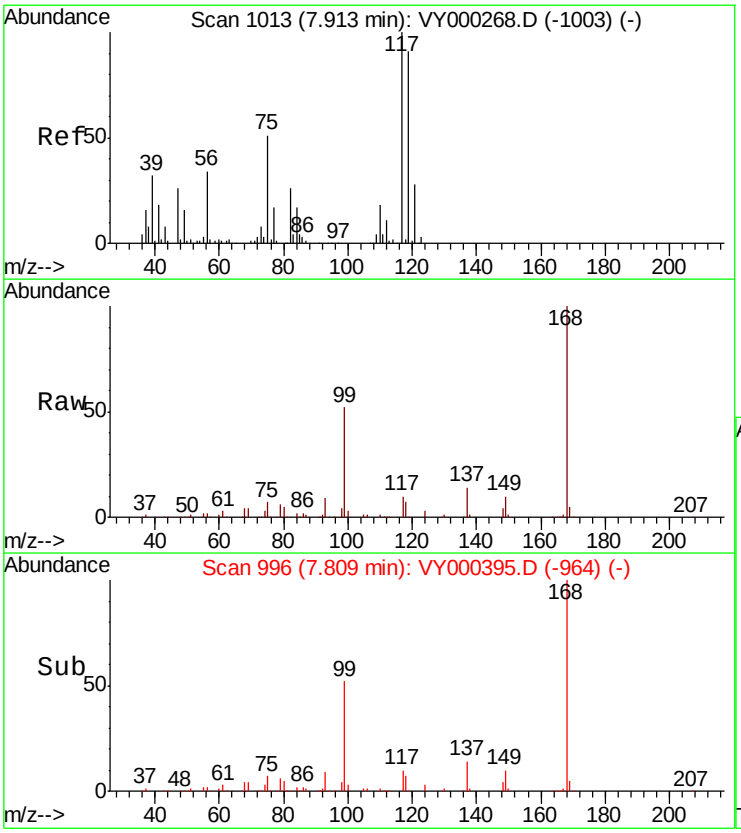
#36
1,1-Dichloropropene
Concen: 4.611 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.13 min
Lab File: VY000395.D
Acq: 23 Oct 2019 20:37

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 16628

Ion	Ratio	Lower	Upper
75	100		
110	9.0	18.4	55.4#
77	0.3	25.0	37.6#

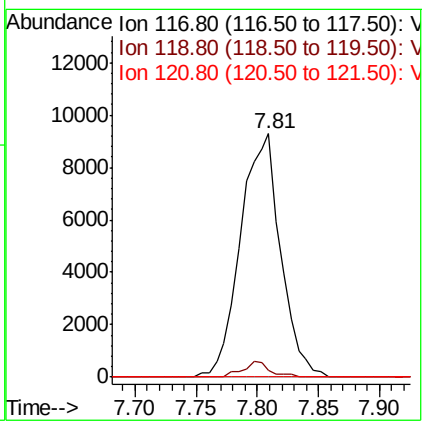


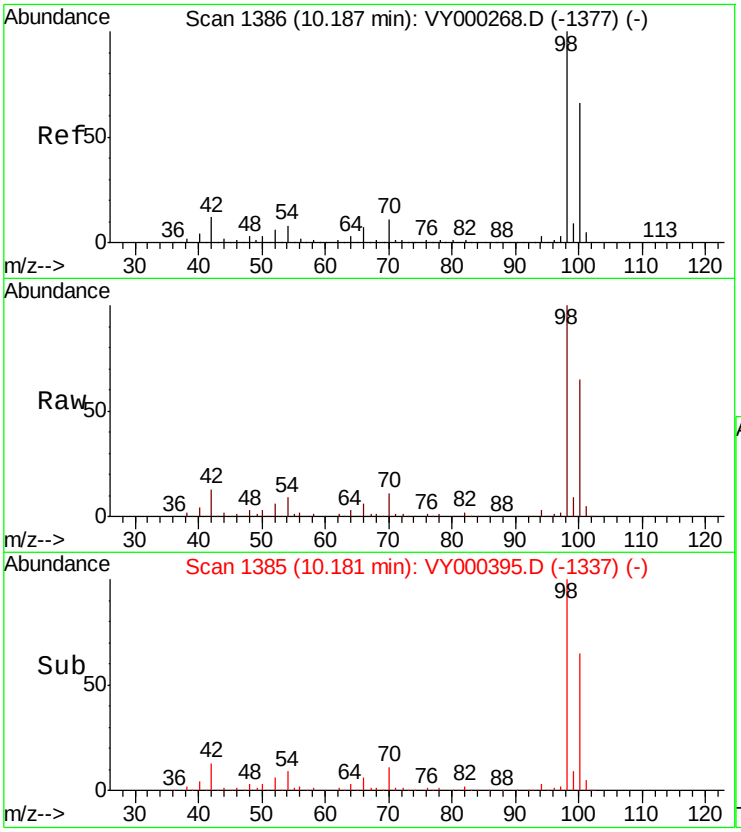


#38
Carbon Tetrachloride
Concen: 6.056 ug/l
RT: 7.81 min Scan# 996
Delta R.T. -0.10 min
Lab File: VY000395.D
Acq: 23 Oct 2019 20:37

Tgt Ion:117 Resp: 21145

Ion	Ratio	Lower	Upper
117	100		
119	2.6	72.8	109.2#
121	0.0	22.2	33.2#



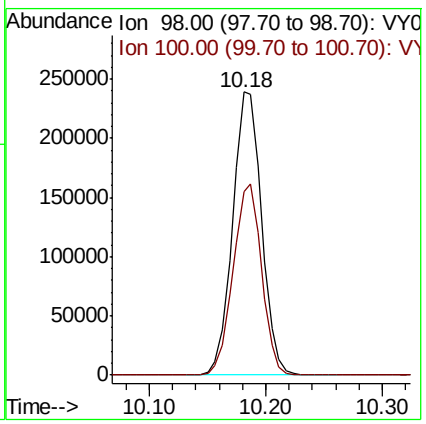


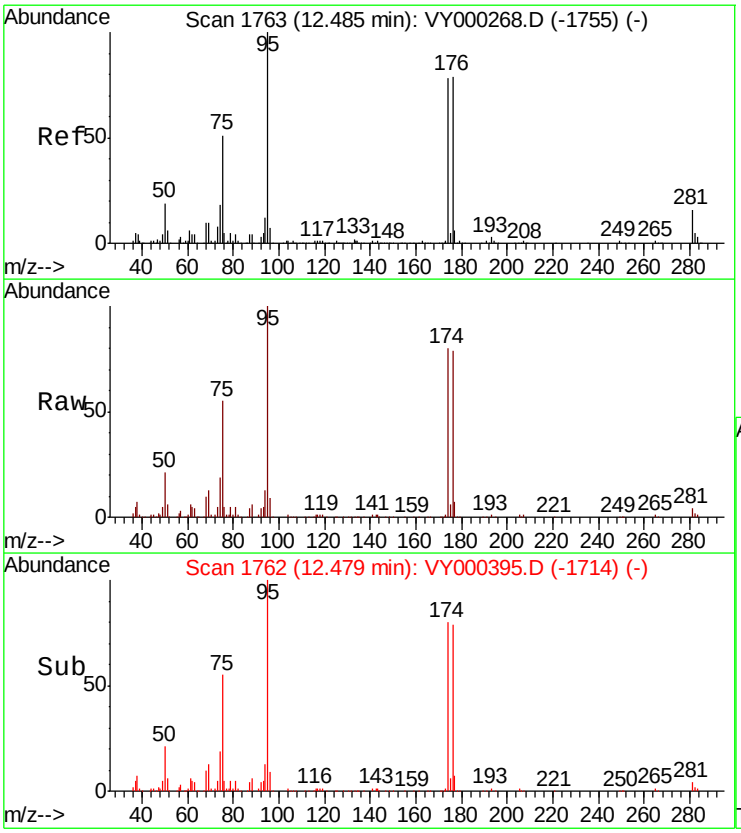
#50
Toluene-d8
Concen: 48.393 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.01 min
Lab File: VY000395.D
Acq: 23 Oct 2019 20:37

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 98 Resp: 413580

Ion	Ratio	Lower	Upper
98	100		
100	66.4	52.8	79.2

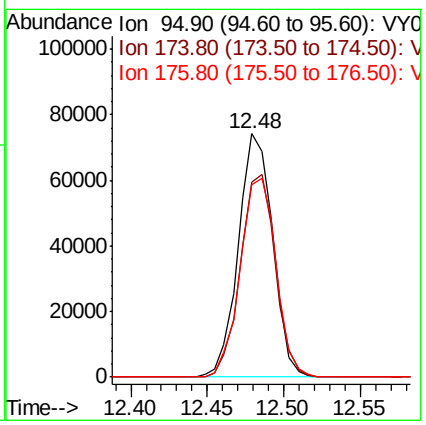


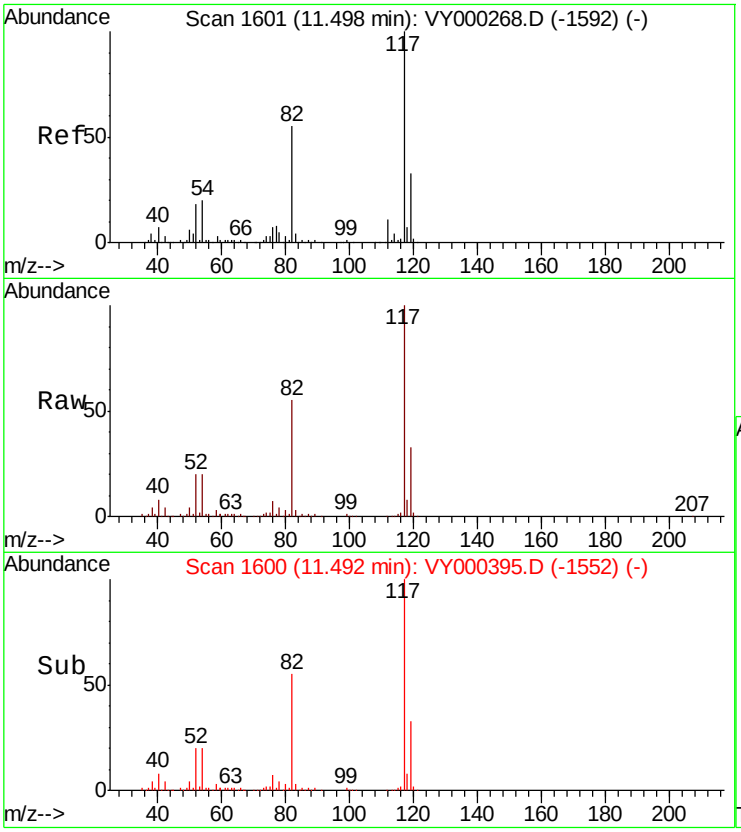


#62
4-Bromofluorobenzene
Concen: 35.730 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VY000395.D
Acq: 23 Oct 2019 20:37

Tgt Ion: 95 Resp: 116008

Ion	Ratio	Lower	Upper
95	100		
174	84.4	0.0	159.6
176	84.8	0.0	153.8



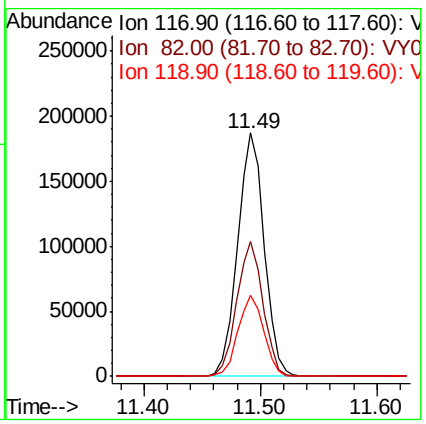


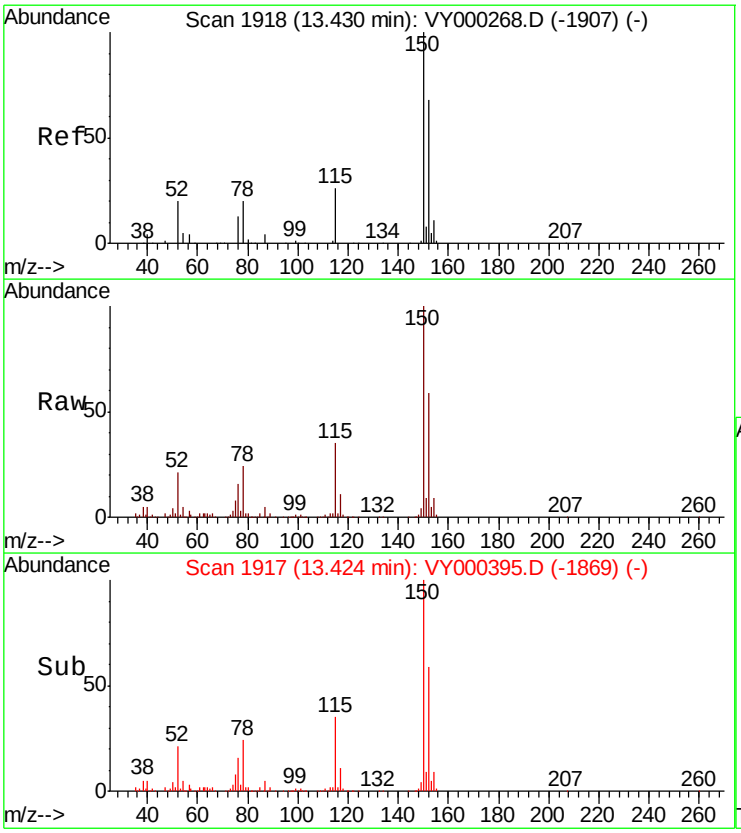
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000395.D
Acq: 23 Oct 2019 20:37

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 297352

Ion	Ratio	Lower	Upper
117	100		
82	55.3	43.7	65.5
119	33.3	26.6	39.8

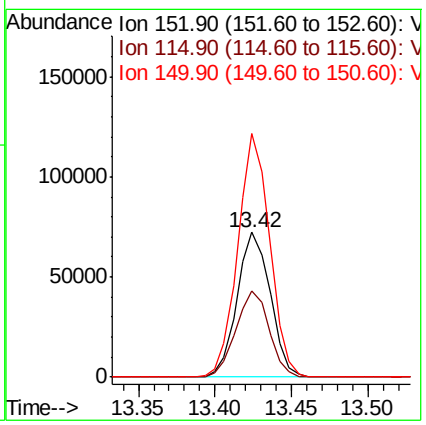


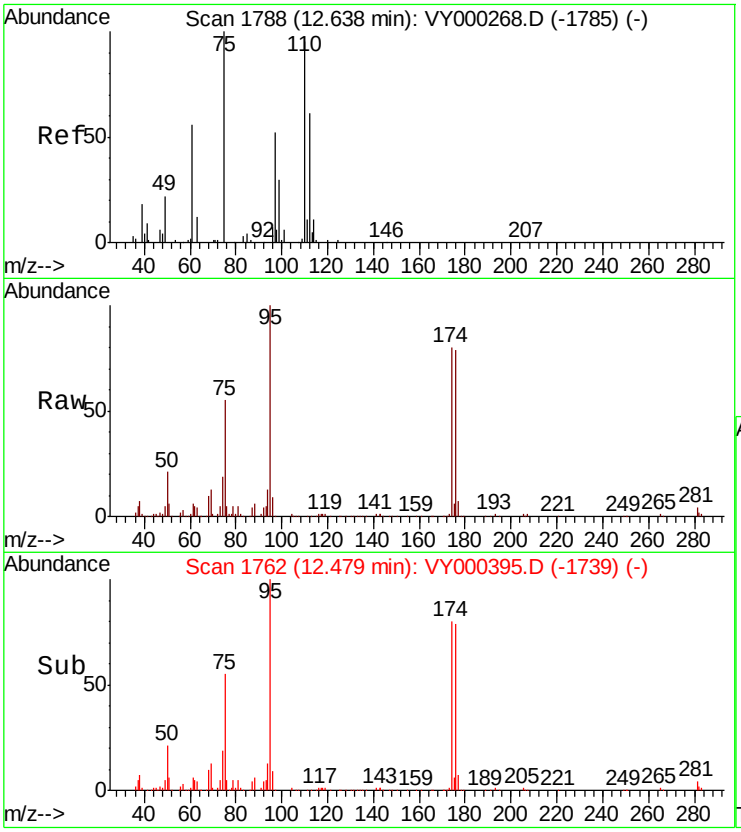


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000395.D
Acq: 23 Oct 2019 20:37

Tgt Ion:152 Resp: 108549

Ion	Ratio	Lower	Upper
152	100		
115	59.8	29.3	88.0
150	161.9	0.0	348.4



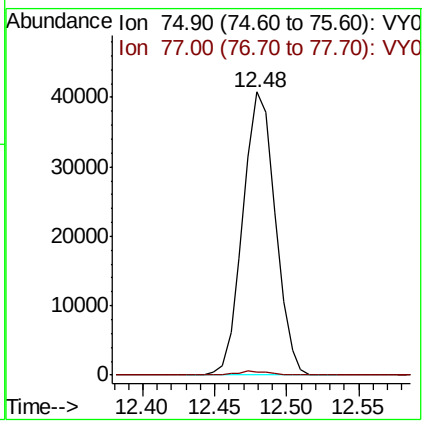


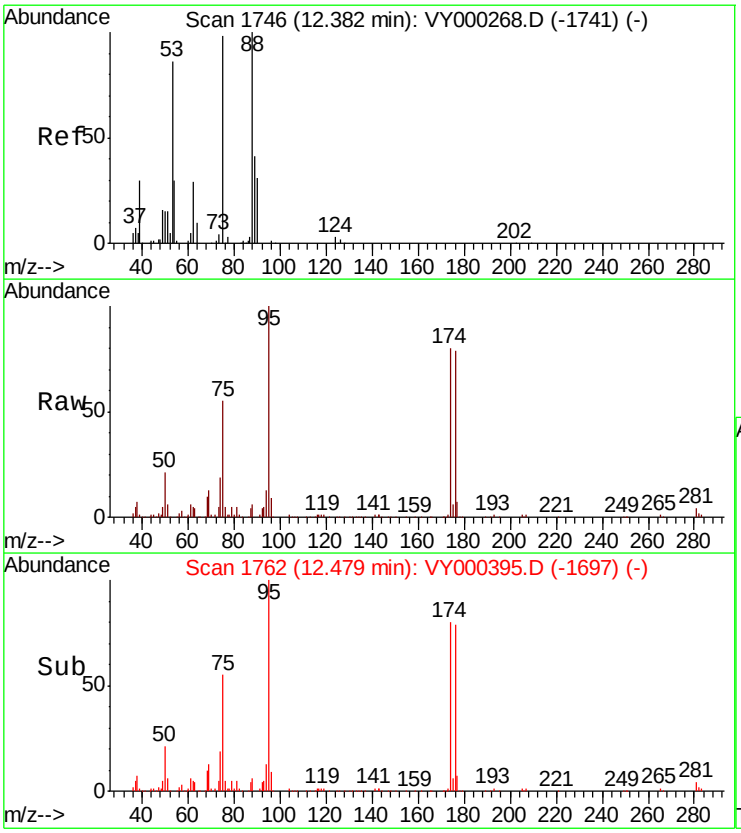
#76
1,2,3-Trichloropropane
Concen: 47.560 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.16 min
Lab File: VY000395.D
Acq: 23 Oct 2019 20:37

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 63482

Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 104.059 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.10 min
Lab File: VY000395.D
Acq: 23 Oct 2019 20:37

Tgt Ion: 75 Resp: 63482

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