Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY101819\
Data File : VY000354.D
Acq On : 18 Oct 2019 16:34
Operator : SY/MD
Sample : K5448-01RE
Misc : 8.79G/5ML/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Time: Oct 19 00:54:56 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	245535	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	418278	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	370036	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	169727	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	148041	57.16	ug/l	0.00
Spiked Amount 50.000			Recovery = 114.32%			
35) Dibromofluoromethane	7.73	113	123705	49.03	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.06%			
50) Toluene-d8	10.18	98	488055	50.29	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.58%			
62) 4-Bromofluorobenzene	12.48	95	166010	45.02	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.04%			
Target Compounds						Qvalue
10) Methyl Iodide	4.10	142	60	1.202	ug/l #	41
11) Tert butyl alcohol	4.97	59	494	1.823	ug/l #	73
16) Acetone	3.96	43	1375	1.639	ug/l #	62
20) Methylene Chloride	4.72	84	8374	Below Cal	#	92
31) Cyclohexane	7.80	56	5666	1.143	ug/l #	6
36) 1,1-Dichloropropene	7.80	75	19297	4.712	ug/l #	49
38) Carbon Tetrachloride	7.80	117	23884	6.024	ug/l #	20
76) 1,2,3-Trichloropropane	12.48	75	87462	41.907	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	87462	91.690	ug/l #	14

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

Quantitation Report (Not Reviewed)

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Acq On : 18 Oct 2019 16:34
Operator : SY/MD
Sample : K5448-01RE
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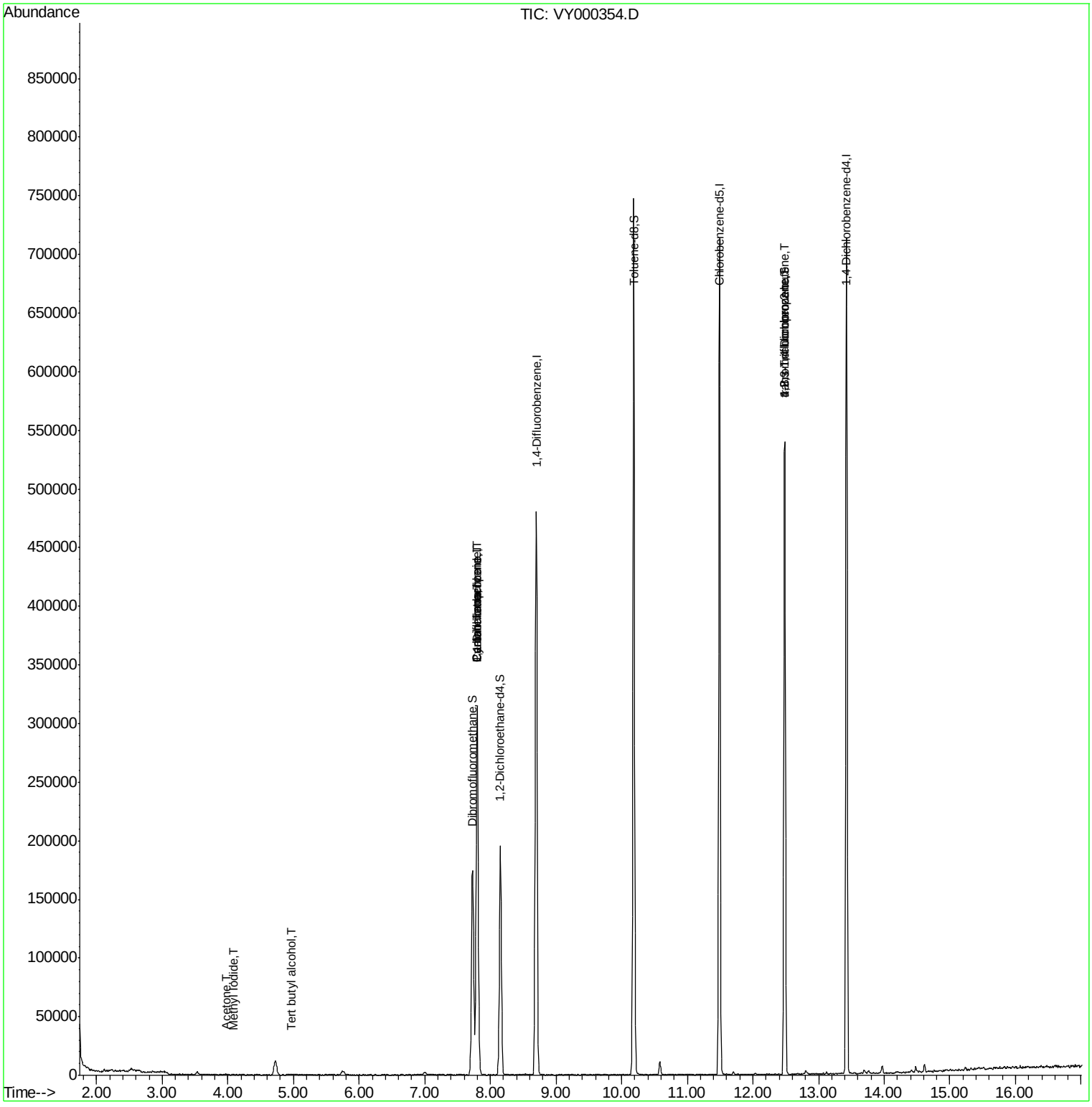
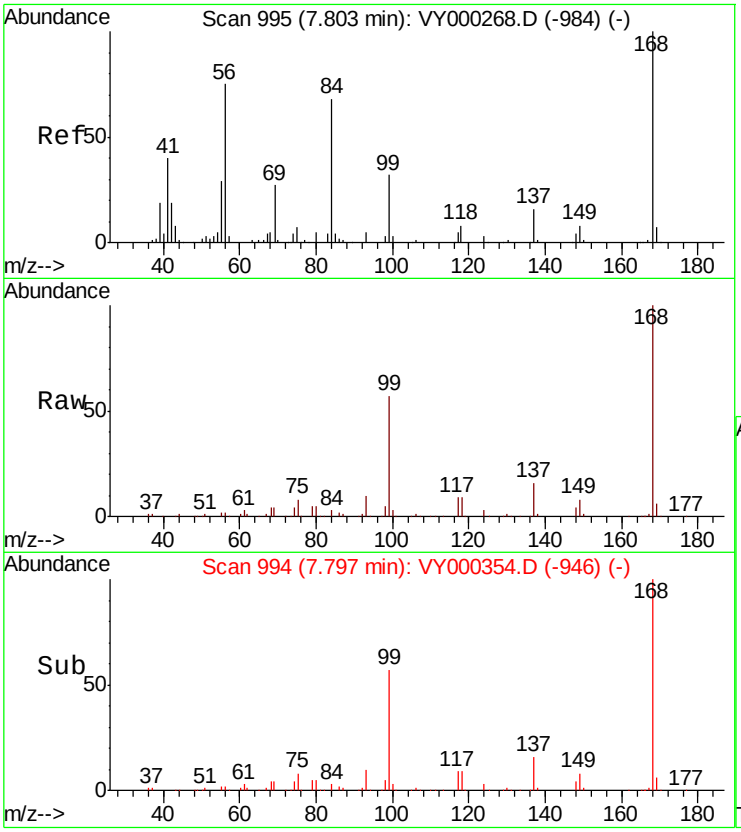
Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Oct 19 00:54:56 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



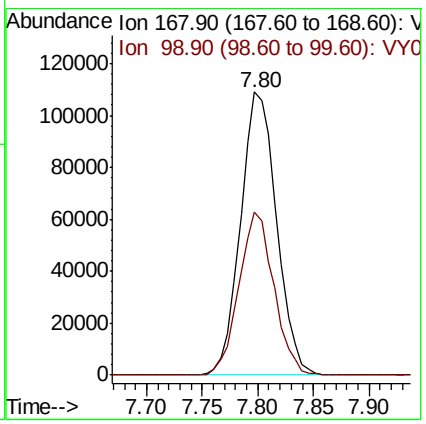


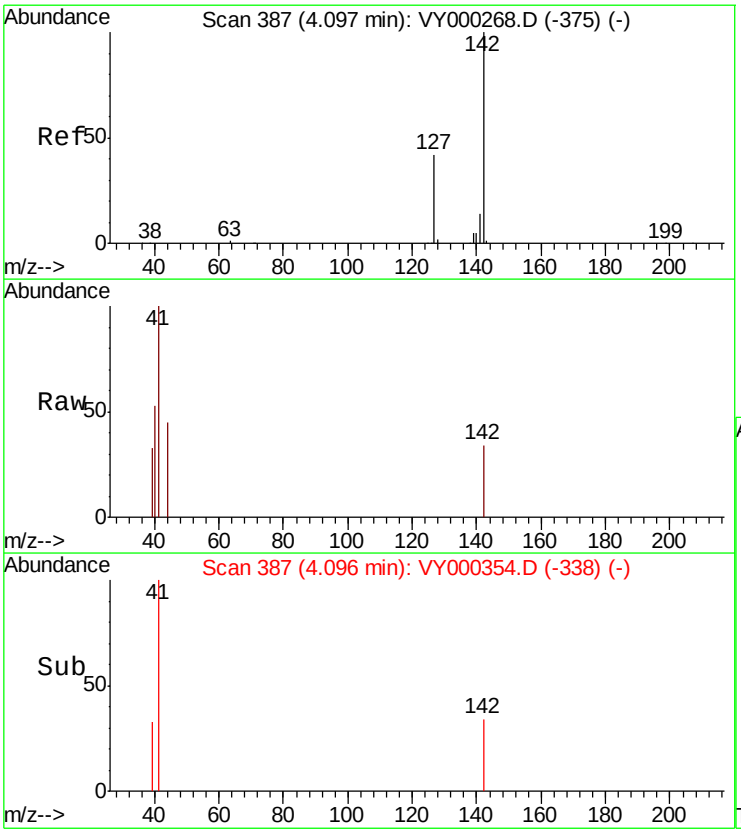
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.01 min
Lab File: VY000354.D
Acq: 18 Oct 2019 16:34

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 245535

Ion	Ratio	Lower	Upper
168	100		
99	57.5	46.6	69.8

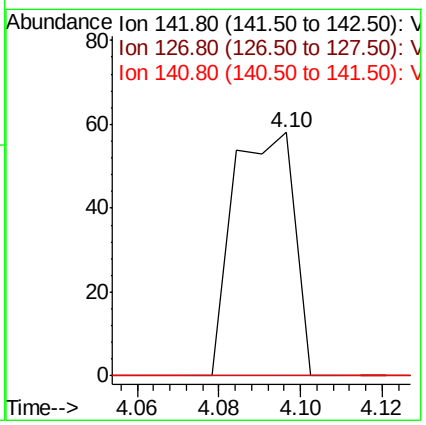


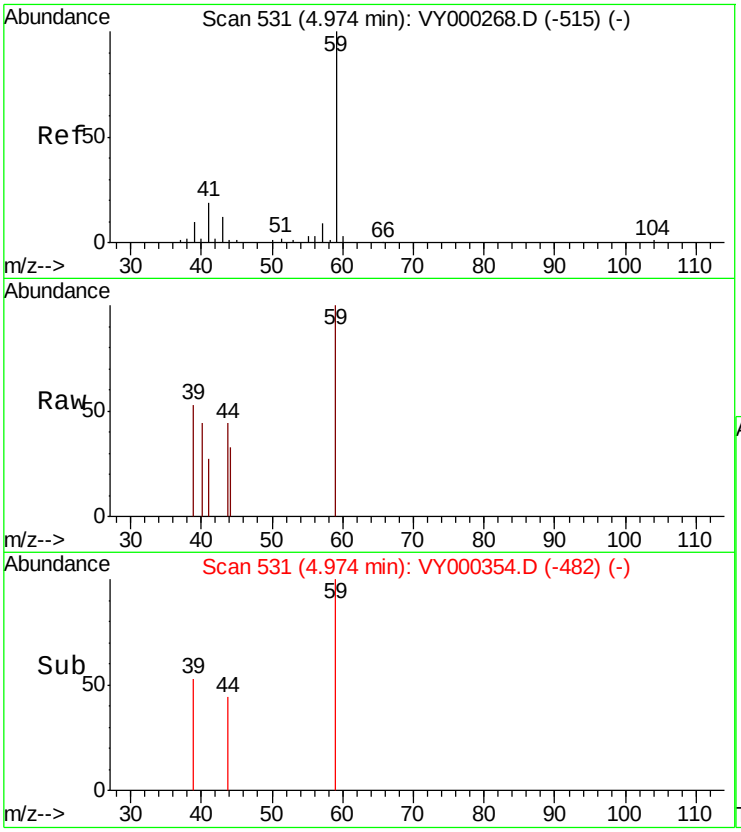


#10
Methyl Iodide
Concen: 1.202 ug/l
RT: 4.10 min Scan# 387
Delta R.T. 0.00 min
Lab File: VY000354.D
Acq: 18 Oct 2019 16:34

Tgt Ion:142 Resp: 60

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



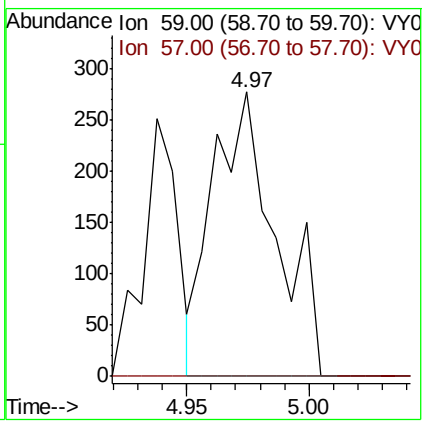


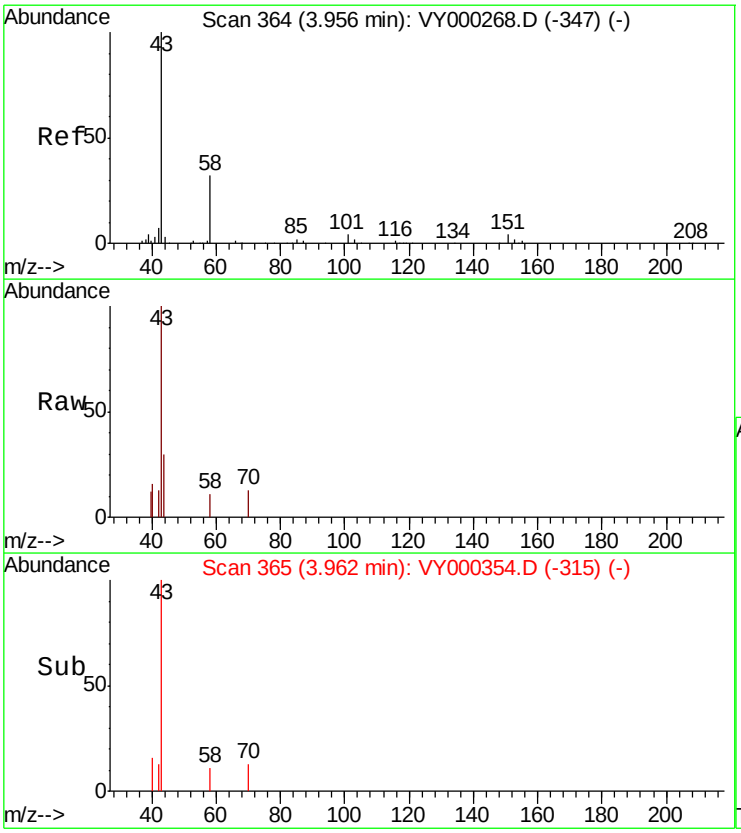
#11
Tert butyl alcohol
Concen: 1.823 ug/l
RT: 4.97 min Scan# 531
Delta R.T. -0.00 min
Lab File: VY000354.D
Acq: 18 Oct 2019 16:34

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 59 Resp: 494

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.2#

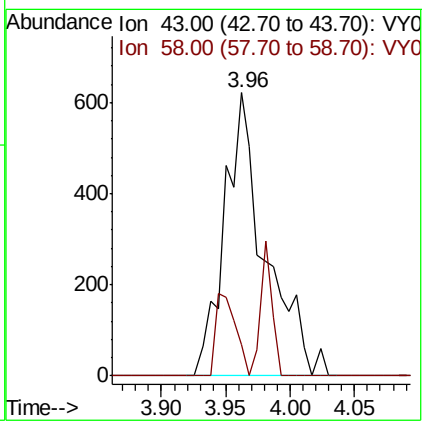


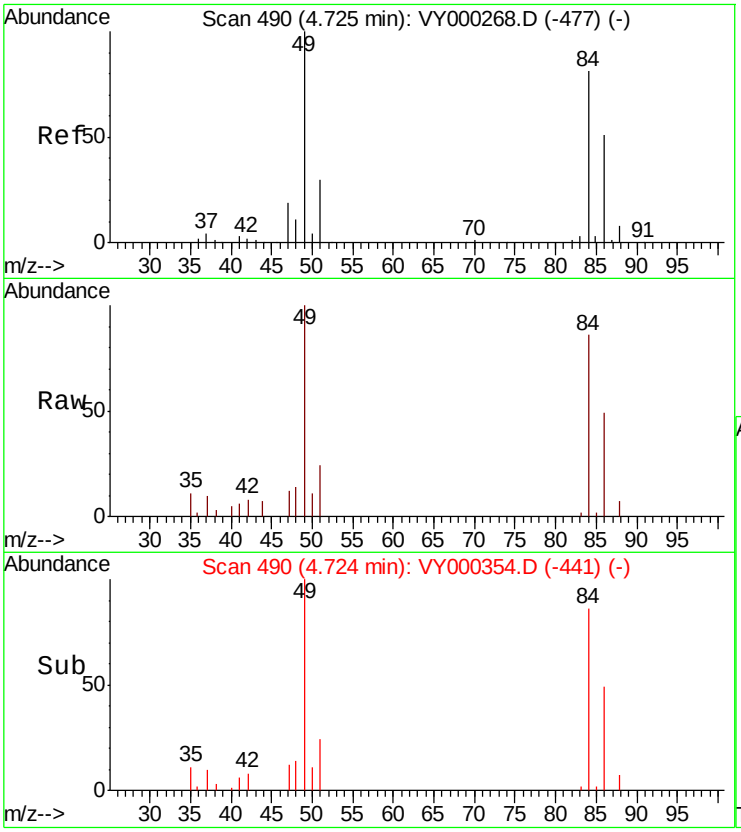


#16
Acetone
Concen: 1.639 ug/l
RT: 3.96 min Scan# 365
Delta R.T. 0.01 min
Lab File: VY000354.D
Acq: 18 Oct 2019 16:34

Tgt Ion: 43 Resp: 1375

Ion	Ratio	Lower	Upper
43	100		
58	11.1	25.8	38.6#



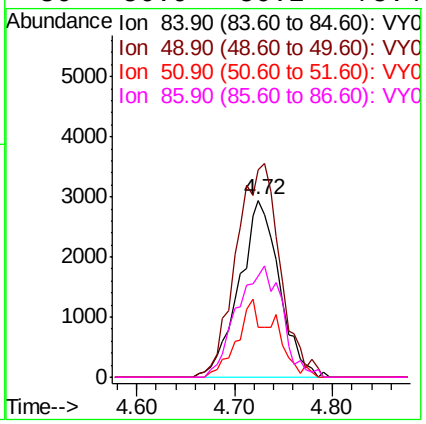


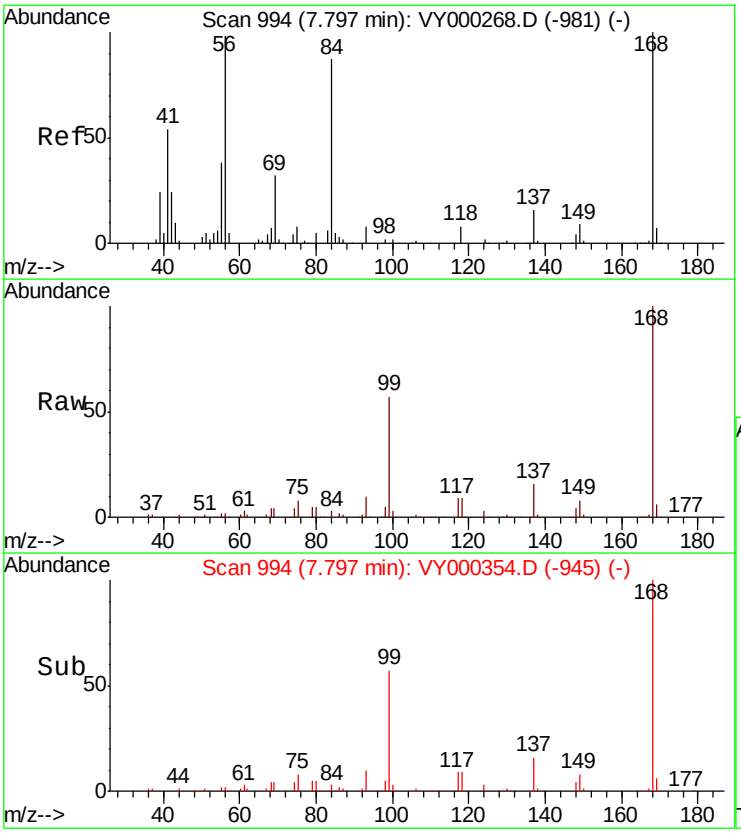
#20
Methylene Chloride
Concen: Below Cal
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY000354.D
Acq: 18 Oct 2019 16:34

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 84 Resp: 8374

Ion	Ratio	Lower	Upper
84	100		
49	116.8	99.0	148.4
51	28.0	29.3	43.9#
86	56.9	50.2	75.4

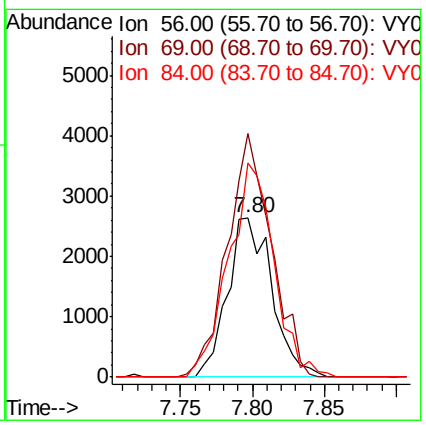


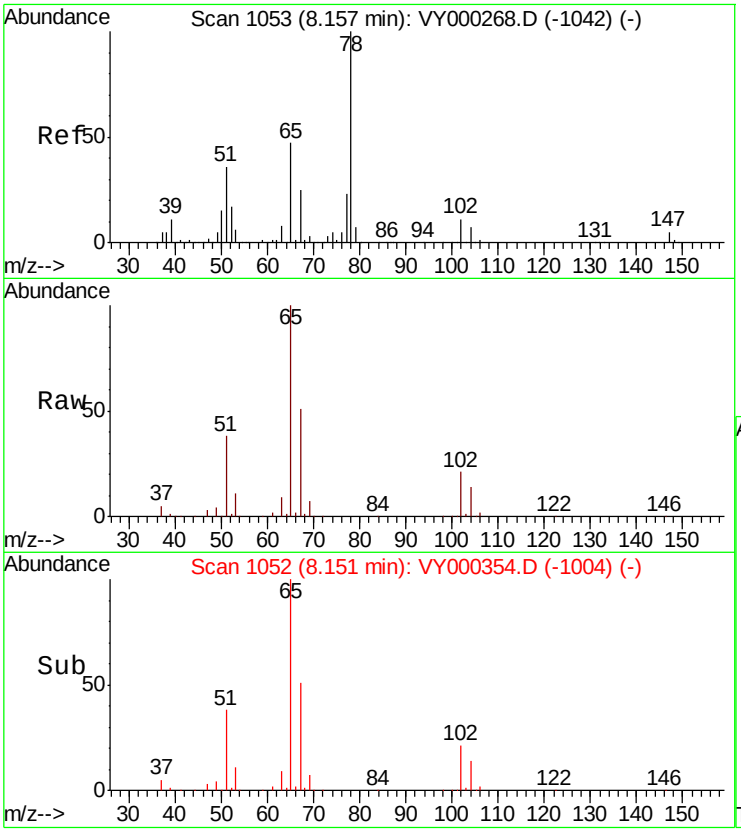


#31
Cyclohexane
Concen: 1.143 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.00 min
Lab File: VY000354.D
Acq: 18 Oct 2019 16:34

Tgt Ion: 56 Resp: 5666

Ion	Ratio	Lower	Upper
56	100		
69	152.9	26.3	39.5#
84	134.7	70.8	106.2#



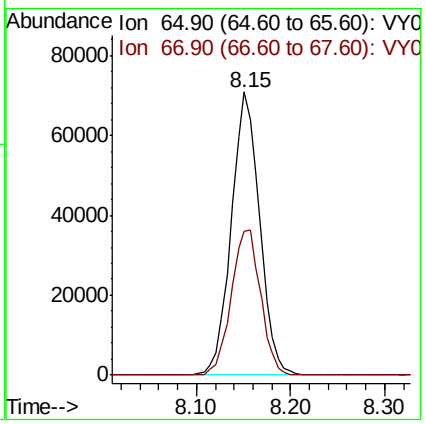


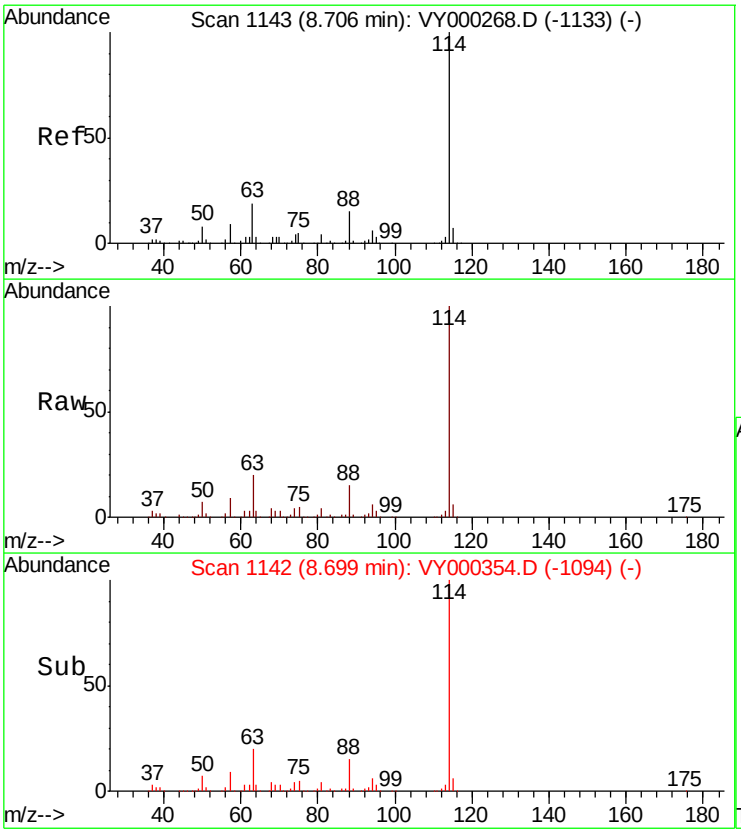
#33
1,2-Dichloroethane-d4
Concen: 57.158 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VY000354.D
Acq: 18 Oct 2019 16:34

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 65 Resp: 148041

Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	109.4

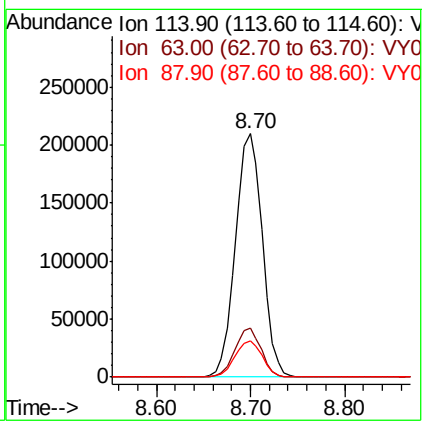


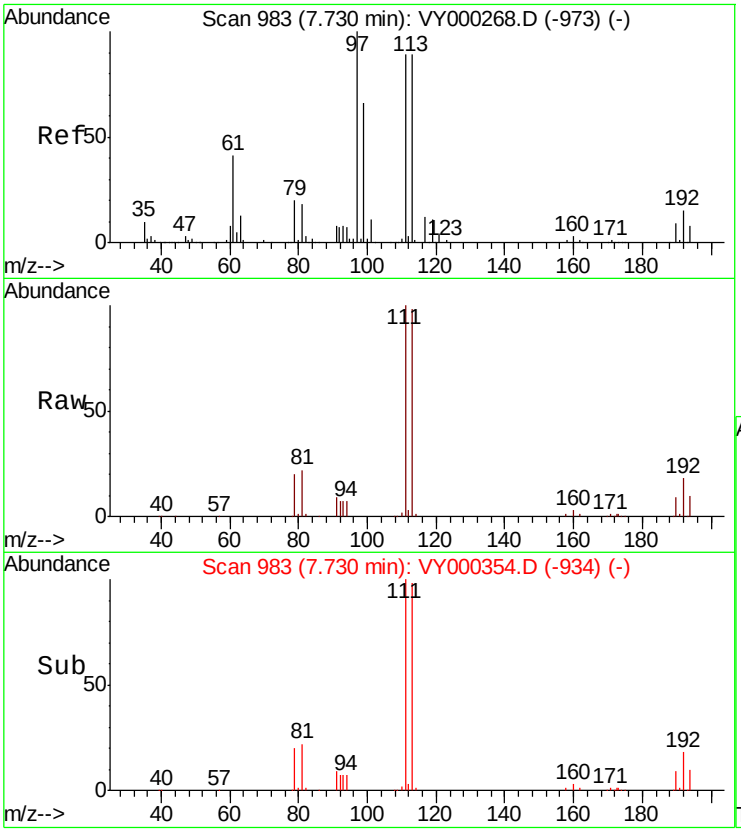


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.70 min Scan# 1142
Delta R.T. -0.01 min
Lab File: VY000354.D
Acq: 18 Oct 2019 16:34

Tgt Ion:114 Resp: 418278

Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	37.2
88	14.7	0.0	30.2



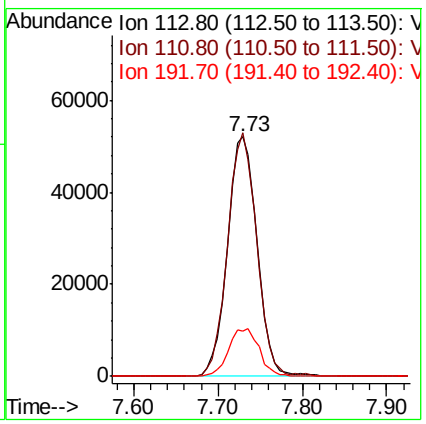


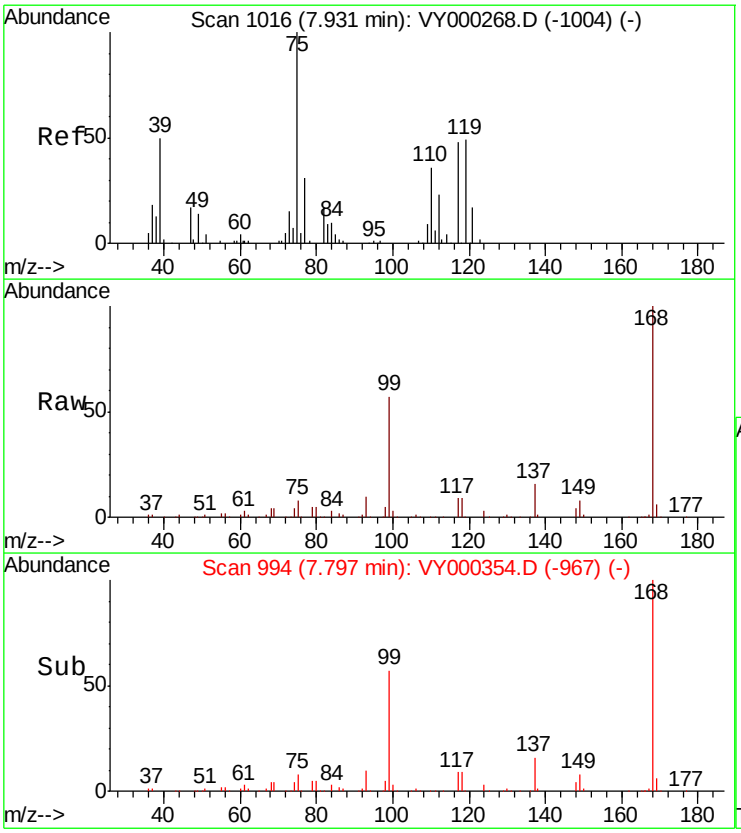
#35
Dibromofluoromethane
Concen: 49.029 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.00 min
Lab File: VY000354.D
Acq: 18 Oct 2019 16:34

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:113 Resp: 123705

Ion	Ratio	Lower	Upper
113	100		
111	99.7	81.6	122.4
192	20.5	15.3	22.9

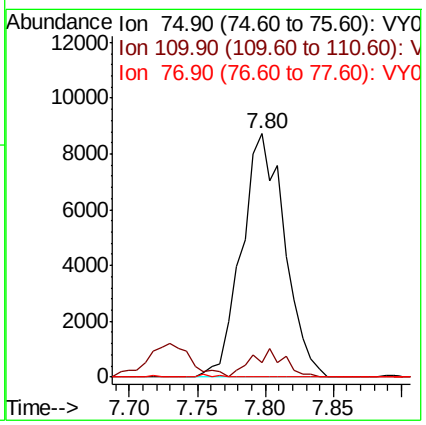


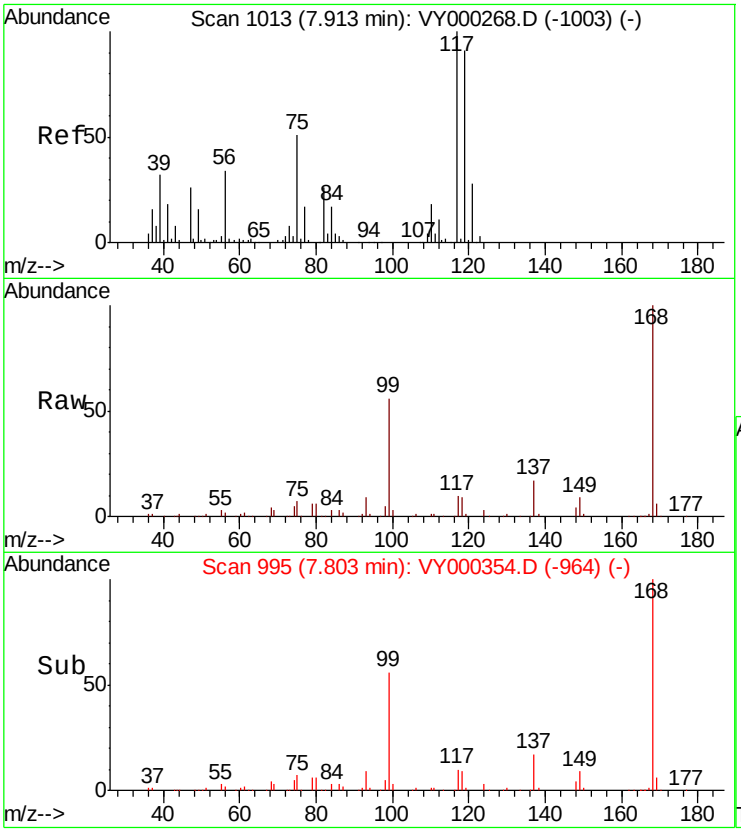


#36
1,1-Dichloropropene
Concen: 4.712 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.13 min
Lab File: VY000354.D
Acq: 18 Oct 2019 16:34

Tgt Ion: 75 Resp: 19297

Ion	Ratio	Lower	Upper
75	100		
110	8.9	18.4	55.4#
77	0.0	25.0	37.6#



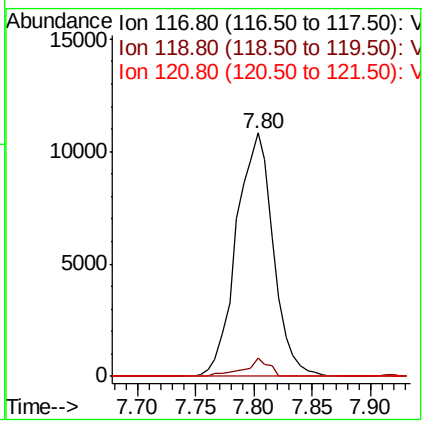


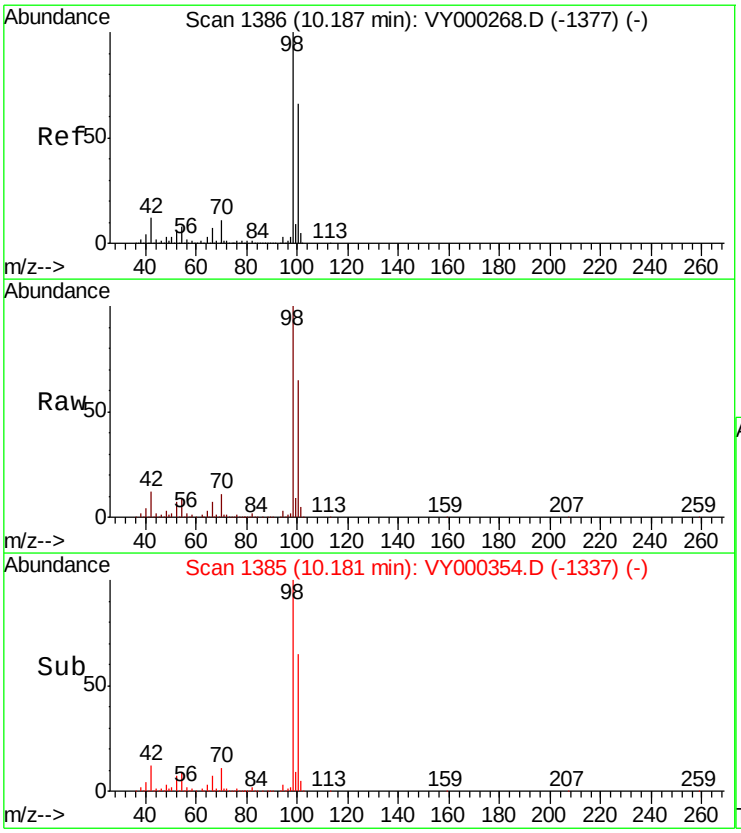
#38
Carbon Tetrachloride
Concen: 6.024 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.11 min
Lab File: VY000354.D
Acq: 18 Oct 2019 16:34

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 23884

Ion	Ratio	Lower	Upper
117	100		
119	7.7	72.8	109.2#
121	0.0	22.2	33.2#

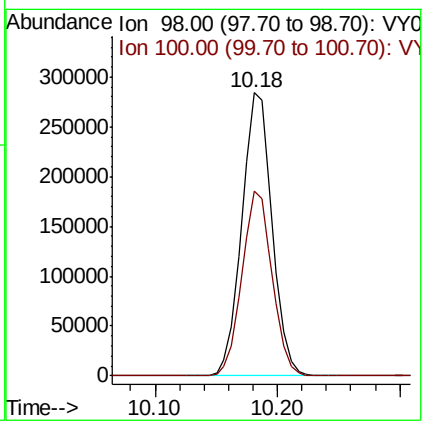


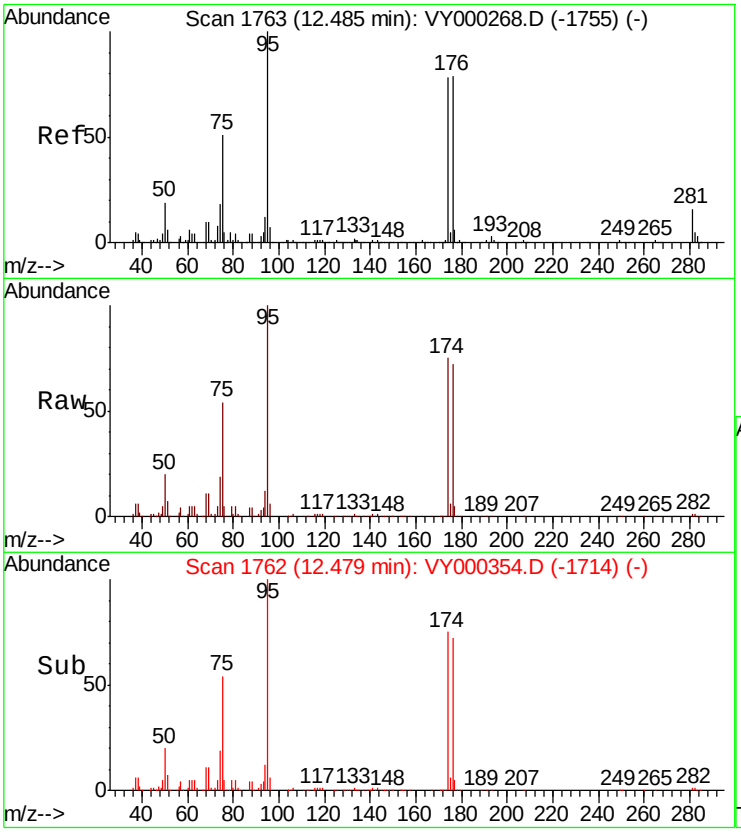


#50
Toluene-d8
Concen: 50.286 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.01 min
Lab File: VY000354.D
Acq: 18 Oct 2019 16:34

Tgt Ion: 98 Resp: 488055

Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.8	79.2



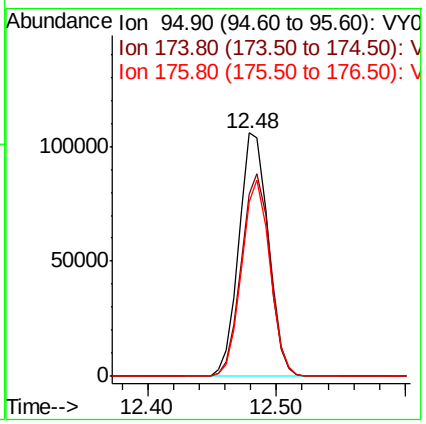


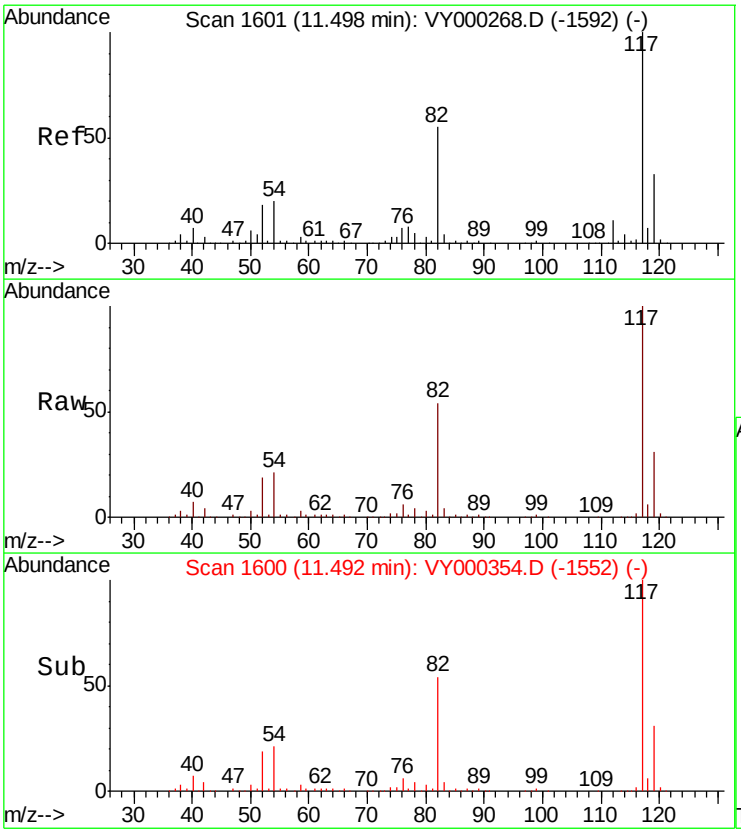
#62
4-Bromofluorobenzene
Concen: 45.022 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VY000354.D
Acq: 18 Oct 2019 16:34

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 95 Resp: 166010

Ion	Ratio	Lower	Upper
95	100		
174	82.5	0.0	159.6
176	77.8	0.0	153.8

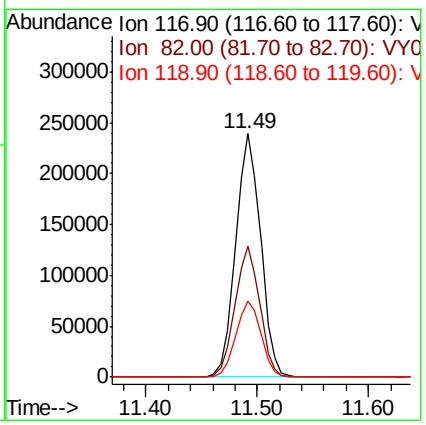


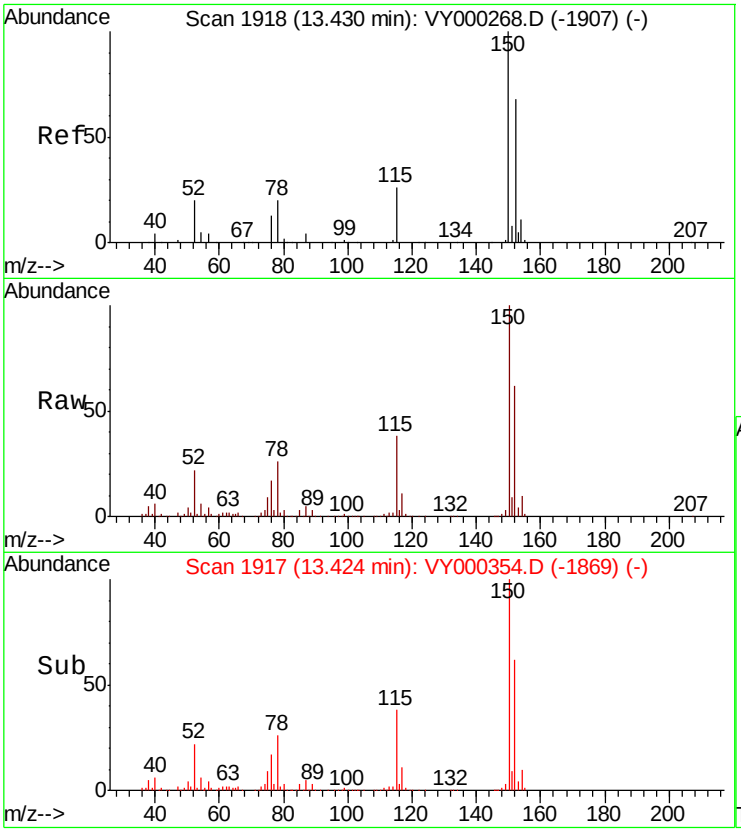


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000354.D
Acq: 18 Oct 2019 16:34

Tgt Ion:117 Resp: 370036

Ion	Ratio	Lower	Upper
117	100		
82	54.0	43.7	65.5
119	31.0	26.6	39.8



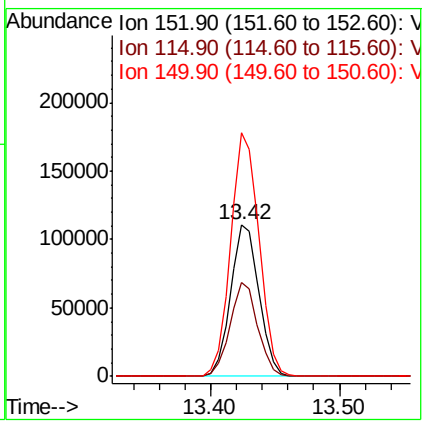


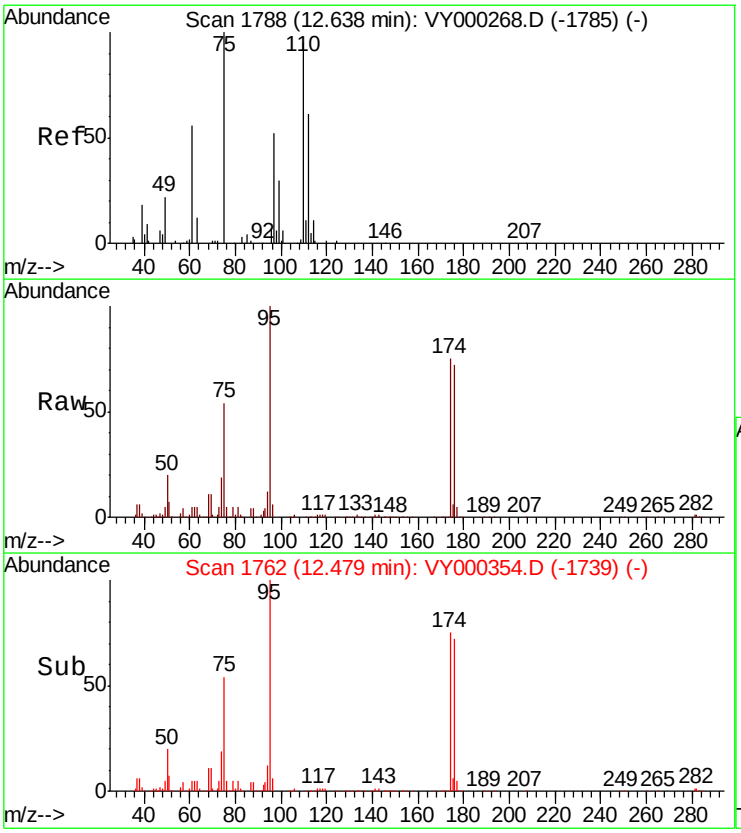
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000354.D
Acq: 18 Oct 2019 16:34

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:152 Resp: 169727

Ion	Ratio	Lower	Upper
152	100		
115	60.5	29.3	88.0
150	160.4	0.0	348.4

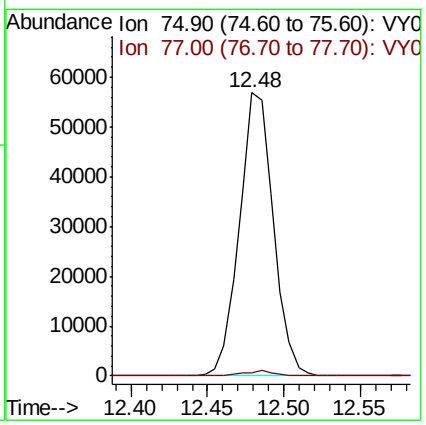


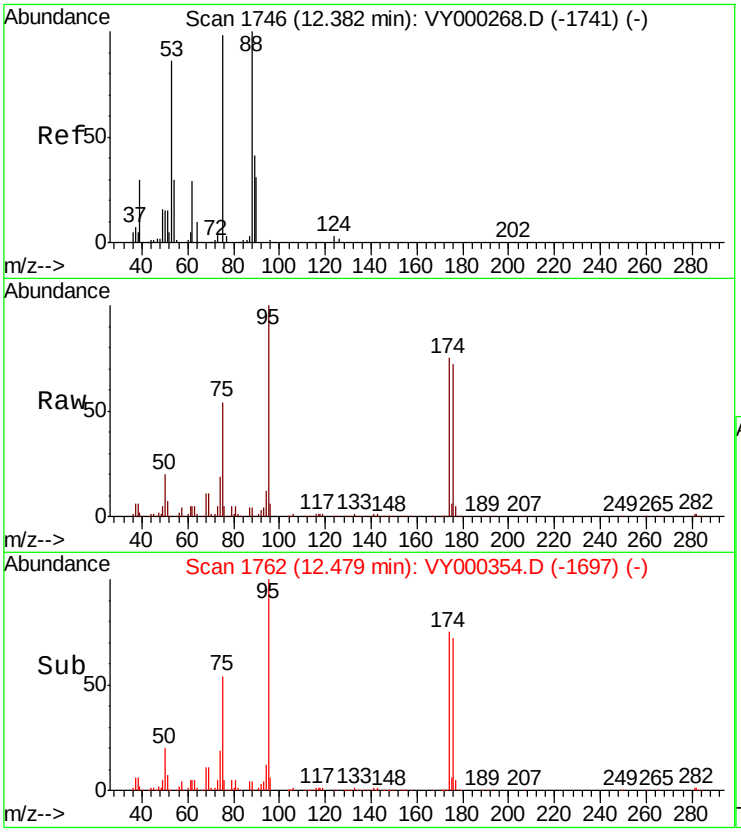


#76
1,2,3-Trichloropropane
Concen: 41.907 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.16 min
Lab File: VY000354.D
Acq: 18 Oct 2019 16:34

Tgt Ion: 75 Resp: 87462

Ion	Ratio	Lower	Upper
75	100		
77	1.5	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 91.690 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.10 min
Lab File: VY000354.D
Acq: 18 Oct 2019 16:34

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 87462

Ion	Ratio	Lower	Upper
75	100		
53	0.0	71.3	106.9#
89	0.2	35.1	52.7#