Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY111519\
Data File : VY000697.D
Acq On : 15 Nov 2019 13:45
Operator : SY/MD
Sample : K5861-05
Misc : 6.50G/5ML/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Time: Nov 16 02:30:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 30 13:30:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	200706	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	376302	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	344656	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	162360	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	127014	61.15	ug/l	0.00
Spiked Amount 50.000			Recovery = 122.30%			
35) Dibromofluoromethane	7.74	113	111182	50.33	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.66%			
50) Toluene-d8	10.18	98	444777	53.06	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.12%			
62) 4-Bromofluorobenzene	12.48	95	156450	49.03	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.06%			
Target Compounds						Qvalue
3) Chloromethane	2.11	50	6885	2.530	ug/l	90
10) Methyl Iodide	4.09	142	60	3.220	ug/l #	41
11) Tert butyl alcohol	4.99	59	447	2.211	ug/l #	72
16) Acetone	3.96	43	7287	12.729	ug/l	95
18) Methyl Acetate	4.49	43	3637	2.043	ug/l #	69
20) Methylene Chloride	4.73	84	5330	2.173	ug/l #	79
28) Bromochloromethane	7.40	49	94	4.142	ug/l #	14
31) Cyclohexane	7.80	56	4707	1.171	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	17153	4.822	ug/l #	49
38) Carbon Tetrachloride	7.80	117	19493	5.695	ug/l #	15
49) 1,4-Dioxane	9.05	88	44	2.316	ug/l #	1
76) 1,2,3-Trichloropropane	12.48	75	85751	46.385	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	85751	104.001	ug/l #	13

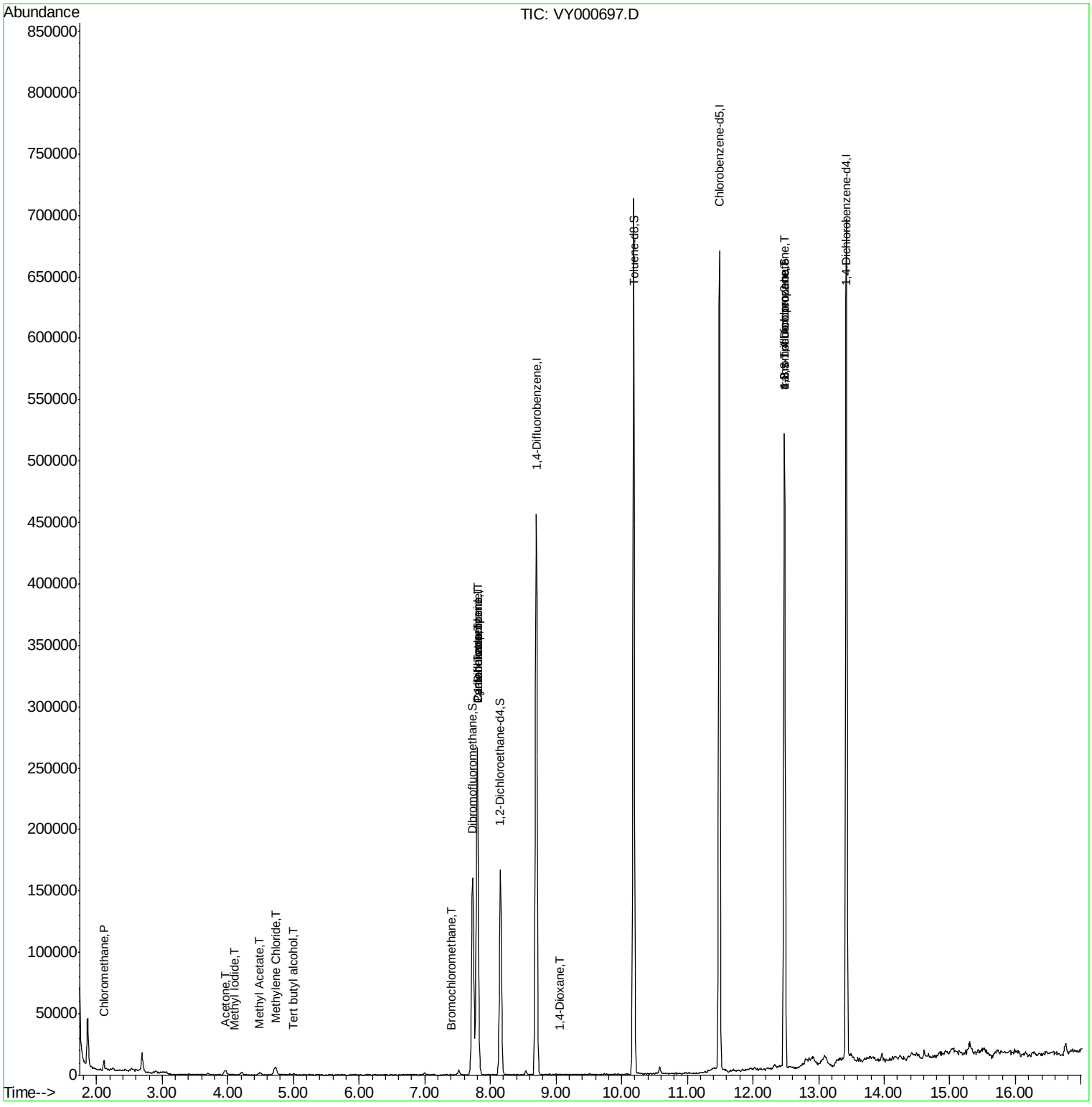
(#) = qualifier out of range (m) = manual integration (+) = signals summed

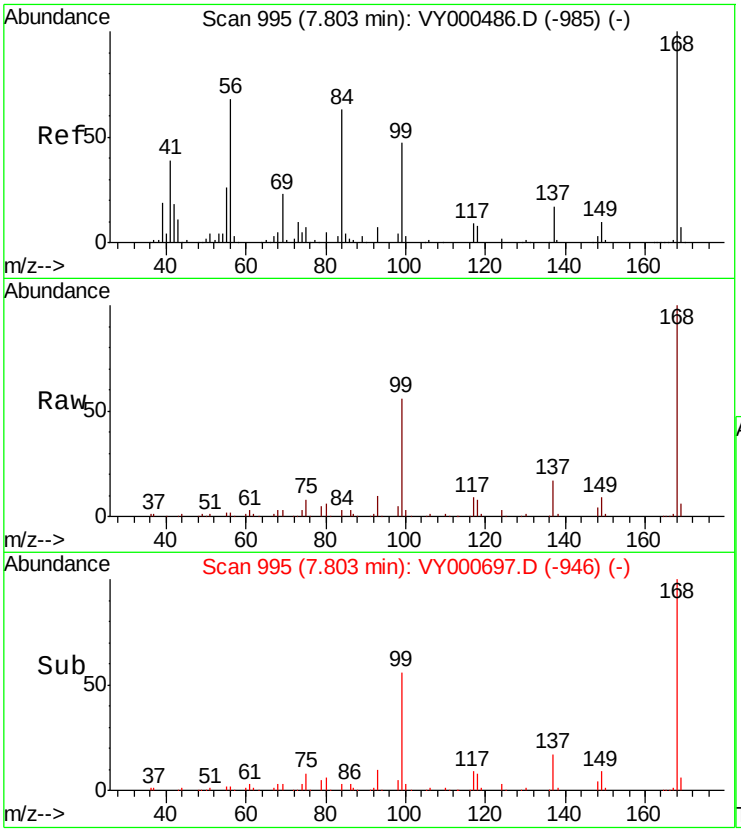
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY111519\
Data File : VY000697.D
Acq On : 15 Nov 2019 13:45
Operator : SY/MD
Sample : K5861-05
Misc : 6.50G/5ML/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Nov 16 02:30:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 30 13:30:53 2019
Response via : Initial Calibration



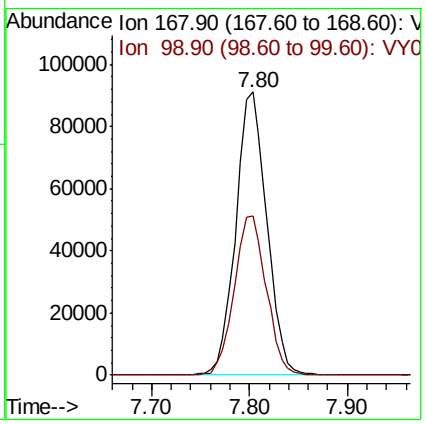


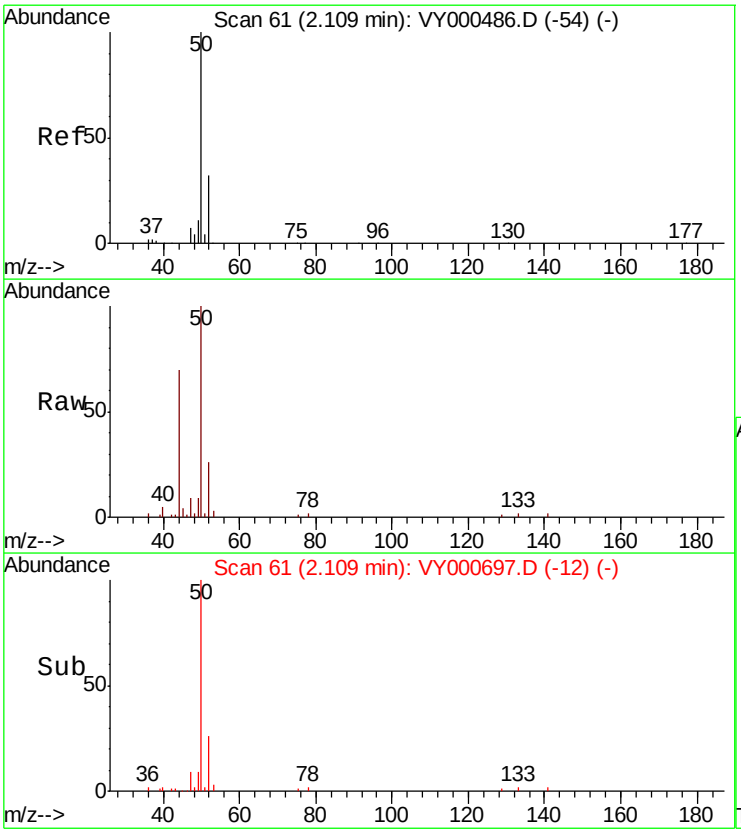
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.00 min
Lab File: VY000697.D
Acq: 15 Nov 2019 13:45

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 200706

Ion	Ratio	Lower	Upper
168	100		
99	56.4	45.7	68.5

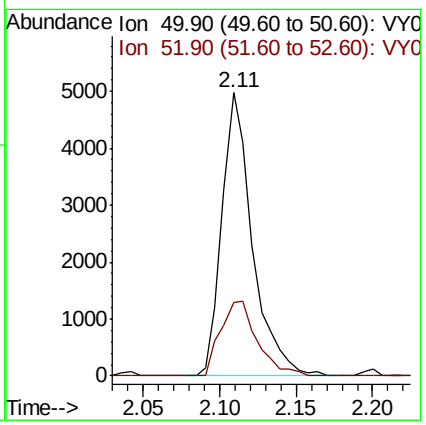


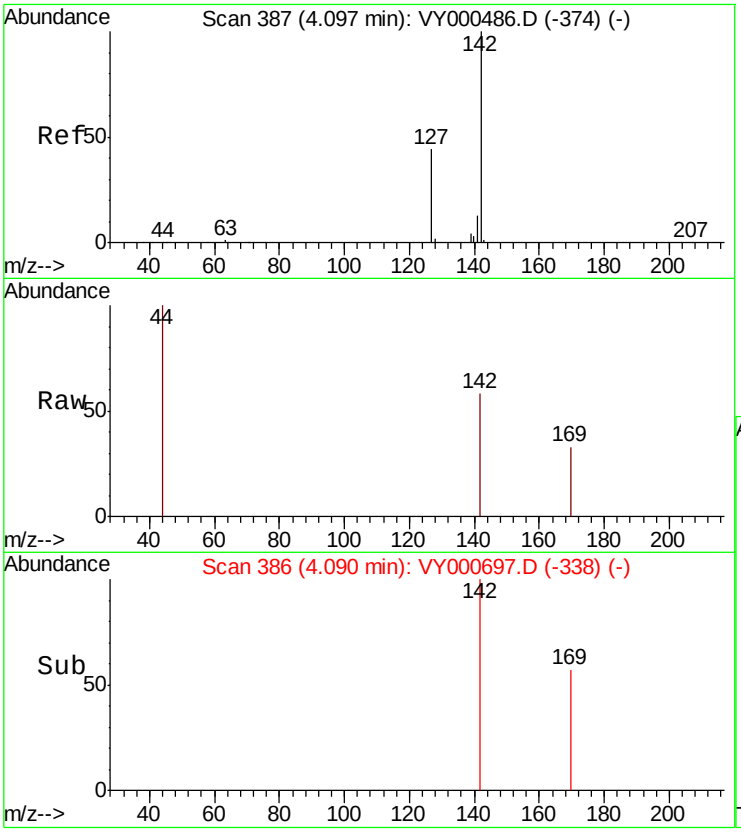


#3
Chloromethane
Concen: 2.530 ug/l
RT: 2.11 min Scan# 61
Delta R.T. -0.00 min
Lab File: VY000697.D
Acq: 15 Nov 2019 13:45

Tgt Ion: 50 Resp: 6885

Ion	Ratio	Lower	Upper
50	100		
52	25.8	25.2	37.8



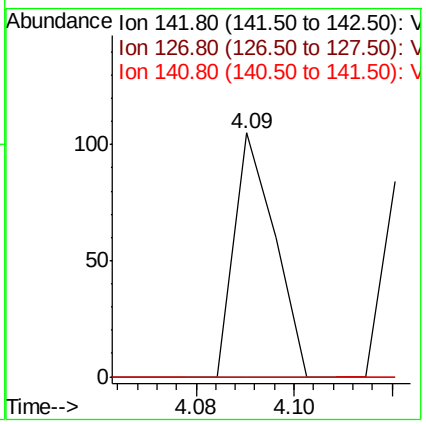


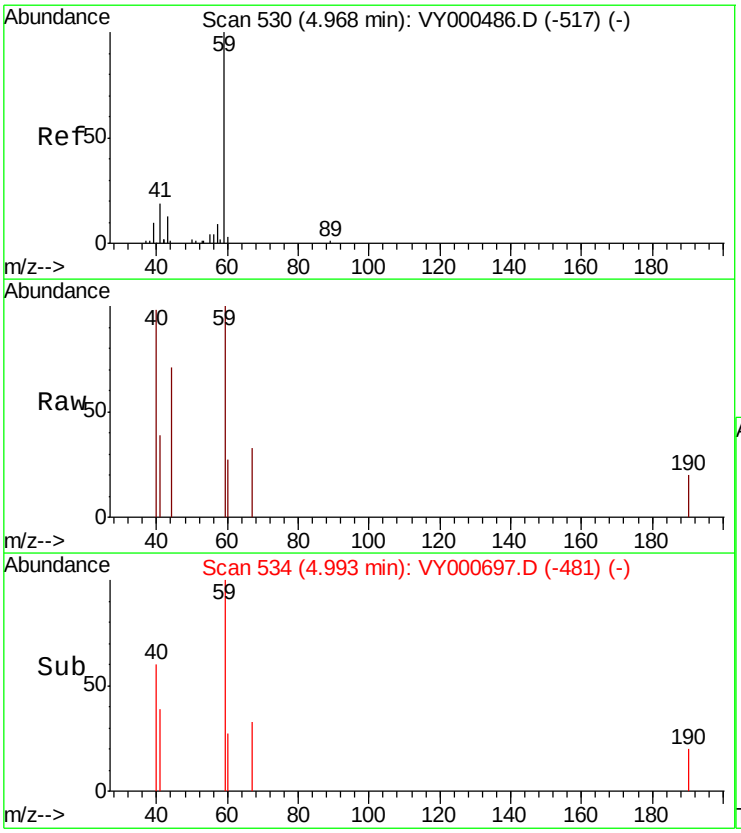
#10
Methyl Iodide
Concen: 3.220 ug/l
RT: 4.09 min Scan# 386
Delta R.T. -0.01 min
Lab File: VY000697.D
Acq: 15 Nov 2019 13:45

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion:142 Resp: 60

Ion	Ratio	Lower	Upper
142	100		
127	0.0	33.7	50.5#
141	0.0	10.9	16.3#

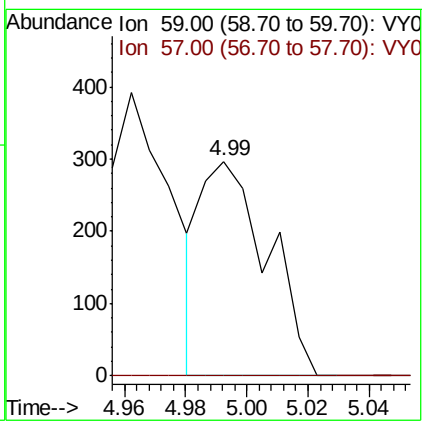


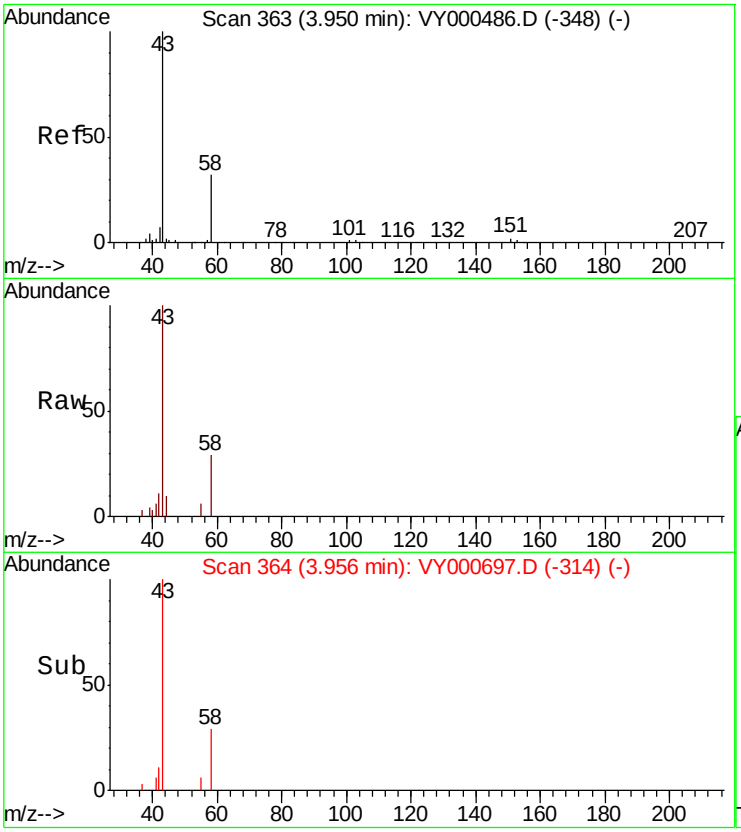


#11
Tert butyl alcohol
Concen: 2.211 ug/l
RT: 4.99 min Scan# 534
Delta R.T. 0.02 min
Lab File: VY000697.D
Acq: 15 Nov 2019 13:45

Tgt Ion: 59 Resp: 447

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.6	12.8#



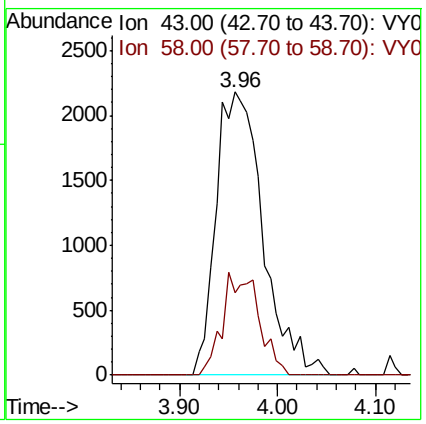


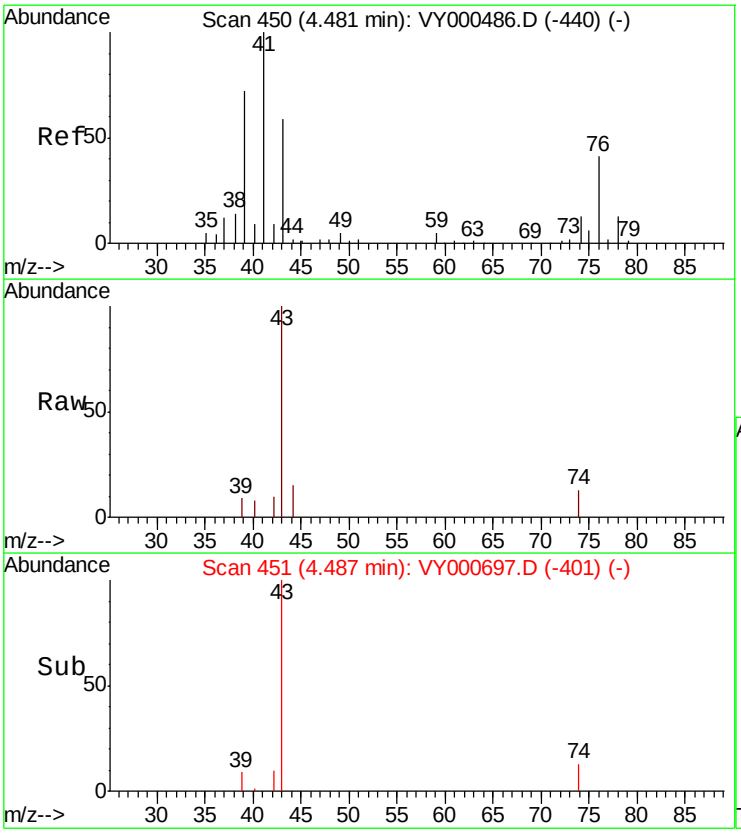
#16
Acetone
Concen: 12.729 ug/l
RT: 3.96 min Scan# 364
Delta R.T. 0.01 min
Lab File: VY000697.D
Acq: 15 Nov 2019 13:45

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 7287

Ion	Ratio	Lower	Upper
43	100		
58	29.4	25.8	38.6

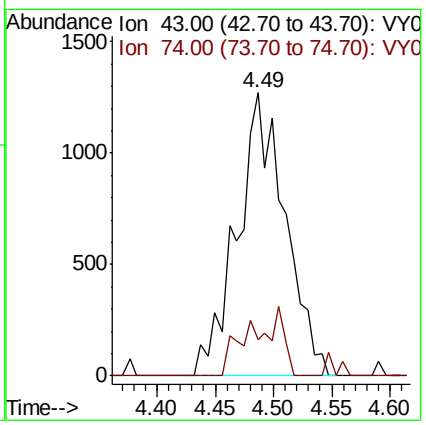


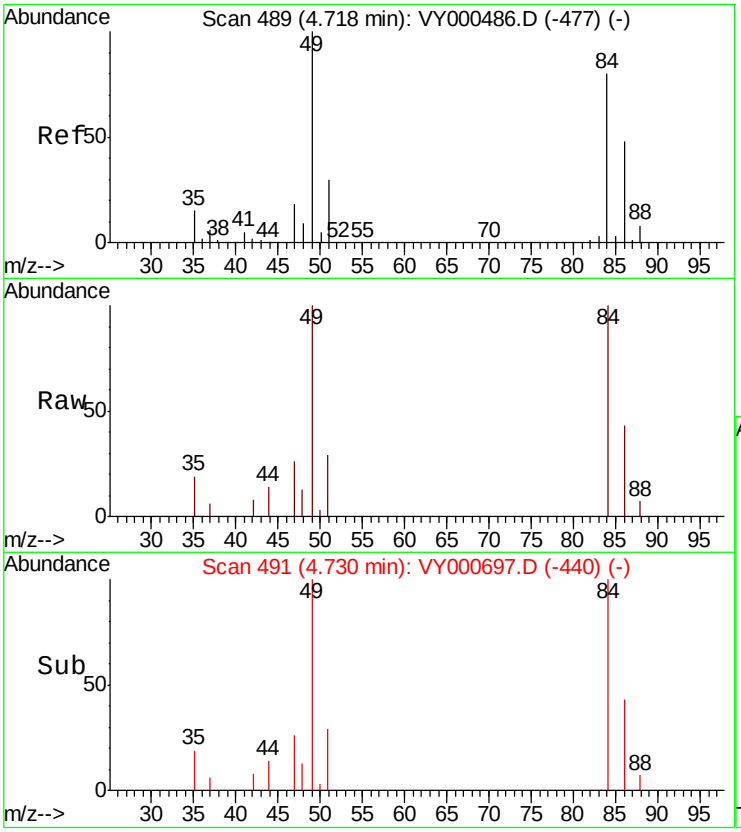


#18
Methyl Acetate
Concen: 2.043 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.01 min
Lab File: VY000697.D
Acq: 15 Nov 2019 13:45

Tgt Ion: 43 Resp: 3637

Ion	Ratio	Lower	Upper
43	100		
74	8.9	19.2	28.8#



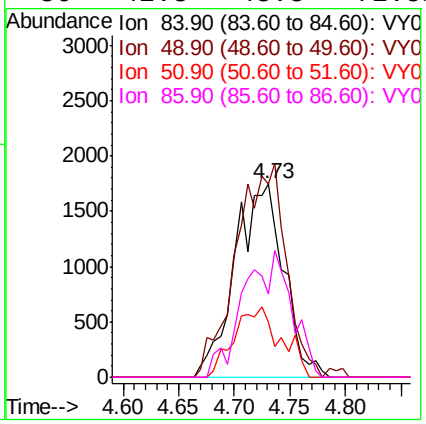


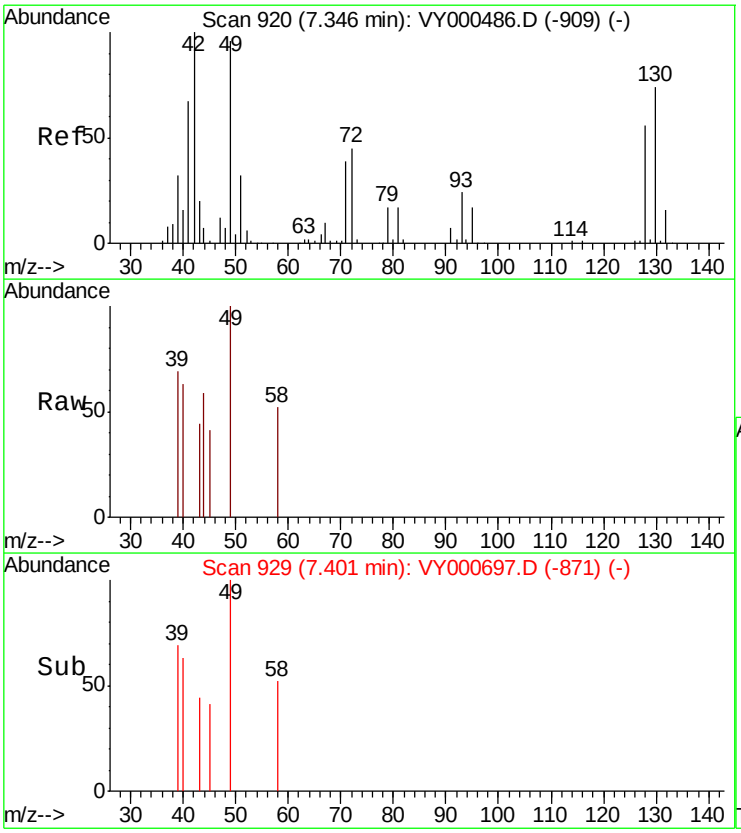
#20
Methylene Chloride
Concen: 2.173 ug/l
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY000697.D
Acq: 15 Nov 2019 13:45

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 84 Resp: 5330

Ion	Ratio	Lower	Upper
84	100		
49	100.1	100.2	150.4#
51	28.7	29.6	44.4#
86	42.8	48.3	72.5#

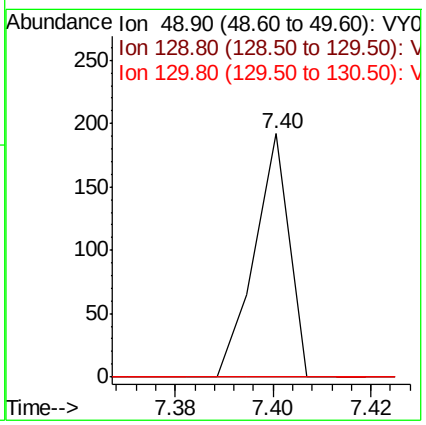


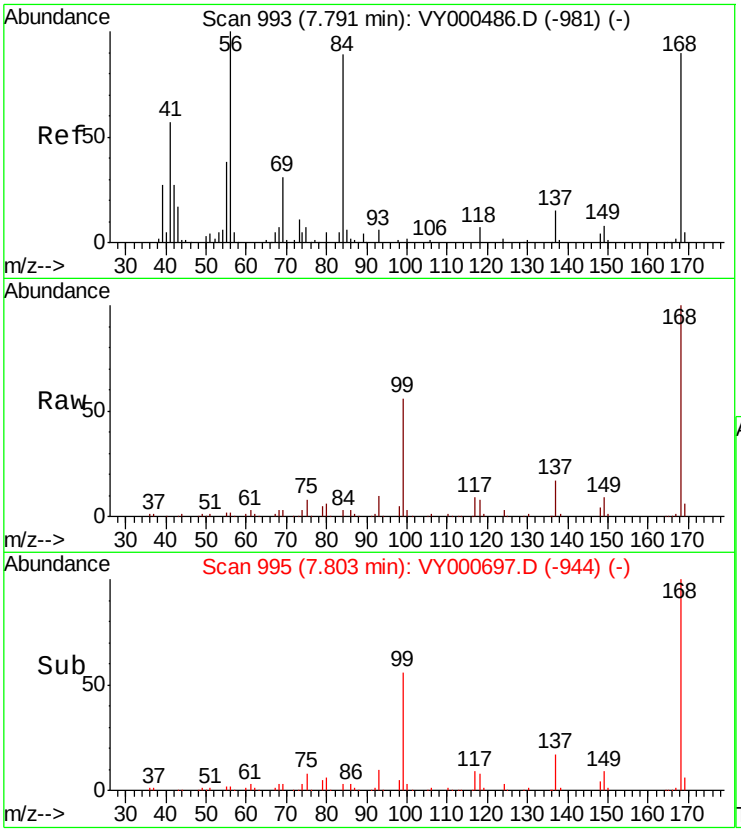


#28
Bromochloromethane
Concen: 4.142 ug/l
RT: 7.40 min Scan# 929
Delta R.T. 0.06 min
Lab File: VY000697.D
Acq: 15 Nov 2019 13:45

Tgt Ion: 49 Resp: 94

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.6
130	0.0	59.4	89.0#



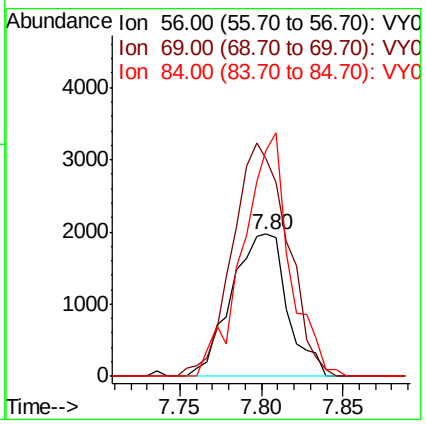


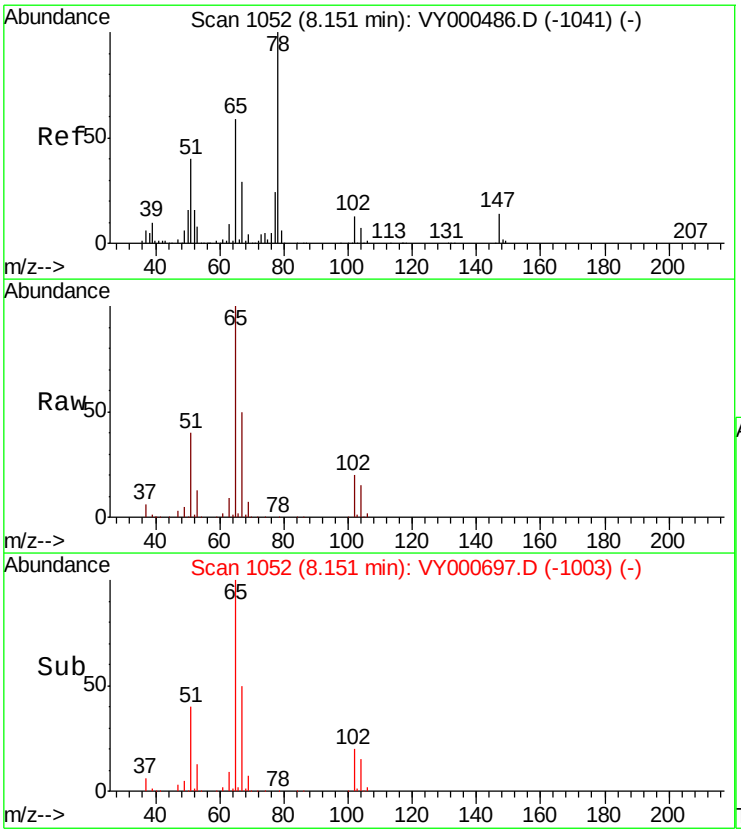
#31
Cyclohexane
Concen: 1.171 ug/l
RT: 7.80 min Scan# 995
Delta R.T. 0.01 min
Lab File: VY000697.D
Acq: 15 Nov 2019 13:45

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 56 Resp: 4707

Ion	Ratio	Lower	Upper
56	100		
69	153.7	25.0	37.6#
84	158.7	71.4	107.2#

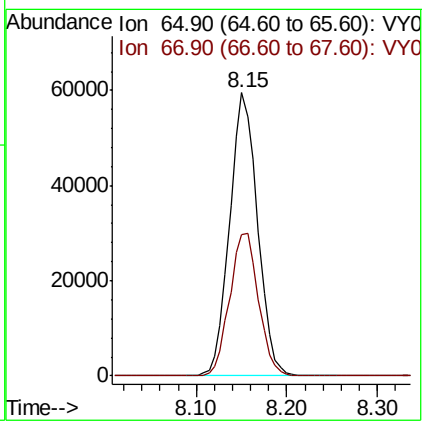


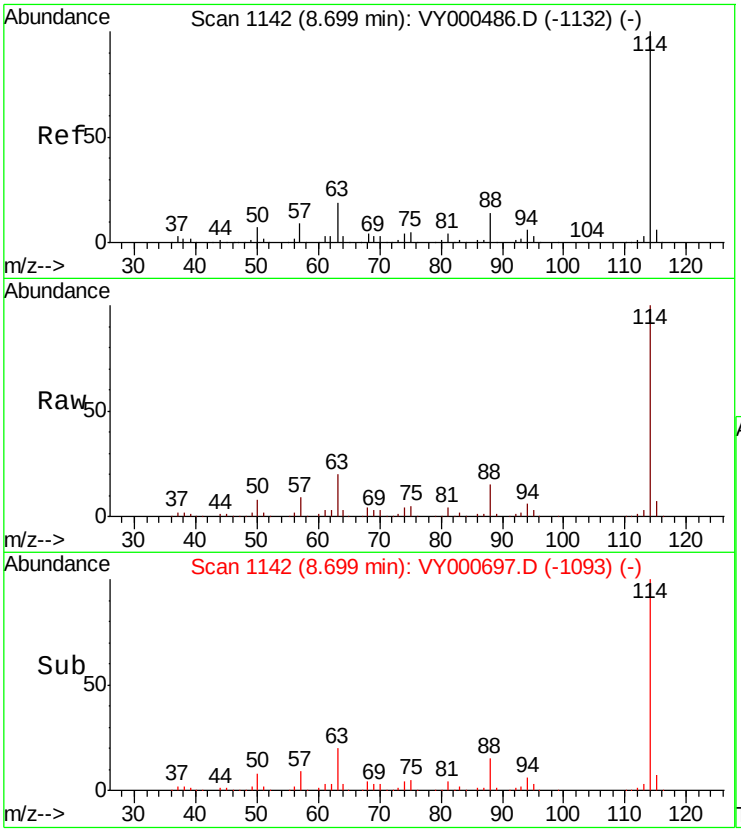


#33
1,2-Dichloroethane-d4
Concen: 61.151 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VY000697.D
Acq: 15 Nov 2019 13:45

Tgt Ion: 65 Resp: 127014

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	107.2



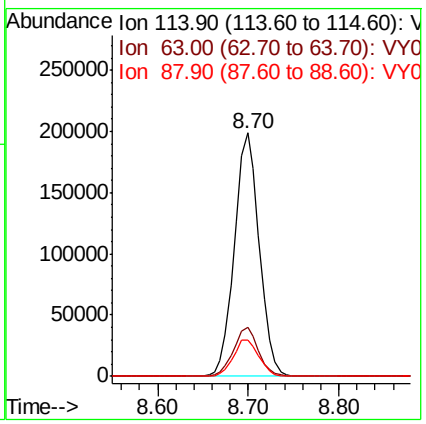


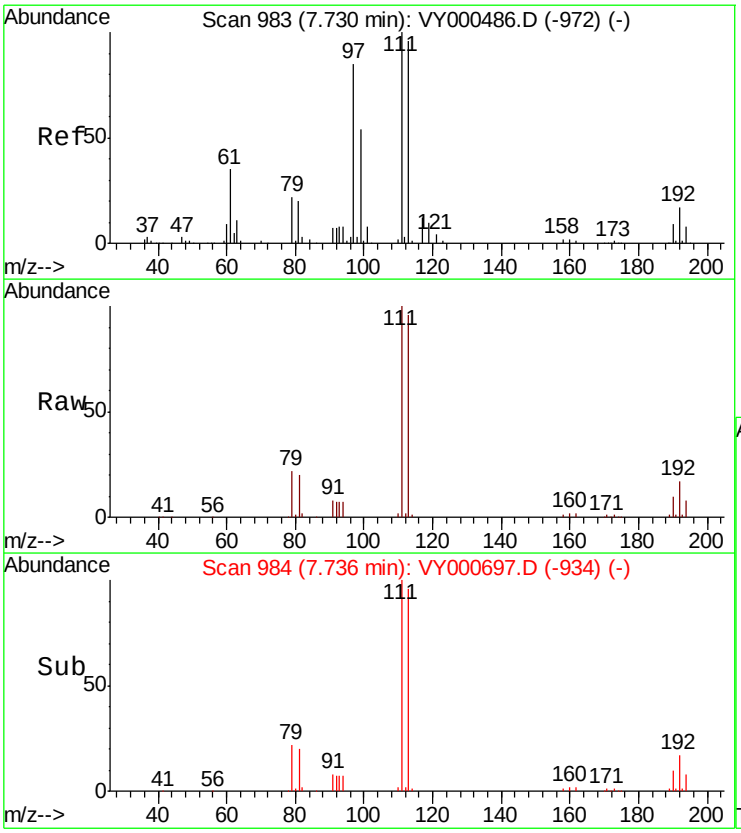
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.70 min Scan# 1142
Delta R.T. -0.00 min
Lab File: VY000697.D
Acq: 15 Nov 2019 13:45

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:114 Resp: 376302

Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	38.0
88	14.7	0.0	28.6

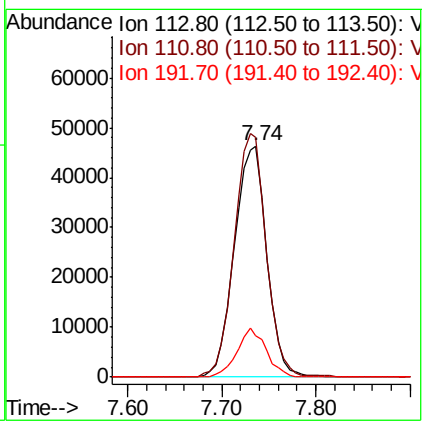


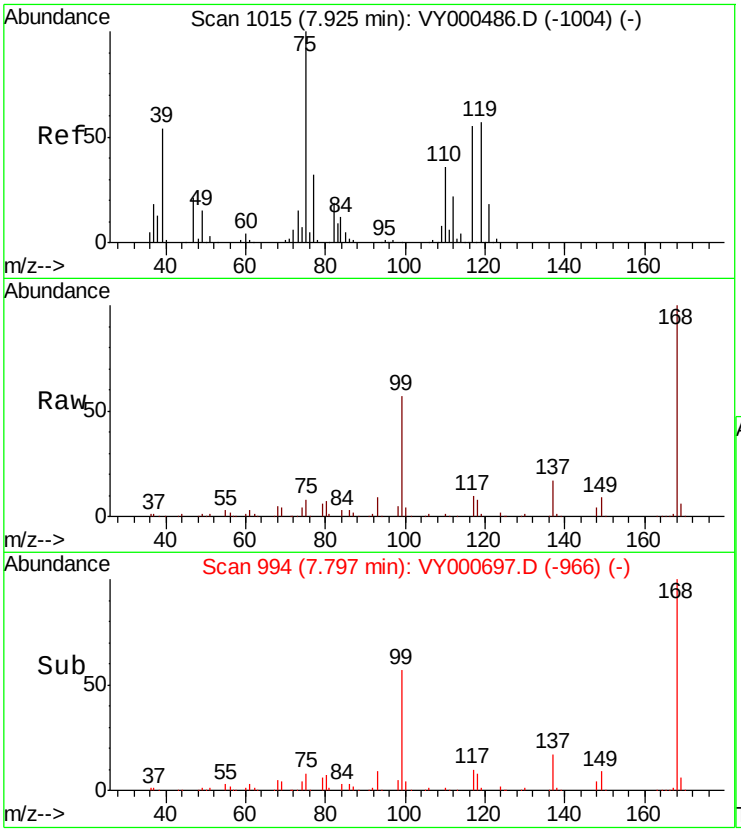


#35
Dibromofluoromethane
Concen: 50.328 ug/l
RT: 7.74 min Scan# 984
Delta R.T. 0.01 min
Lab File: VY000697.D
Acq: 15 Nov 2019 13:45

Tgt Ion:113 Resp: 111182

Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.7	122.5
192	19.3	15.0	22.4



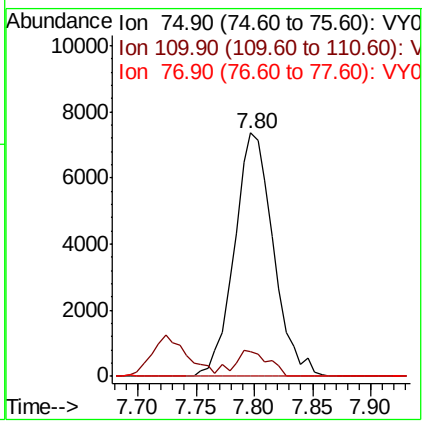


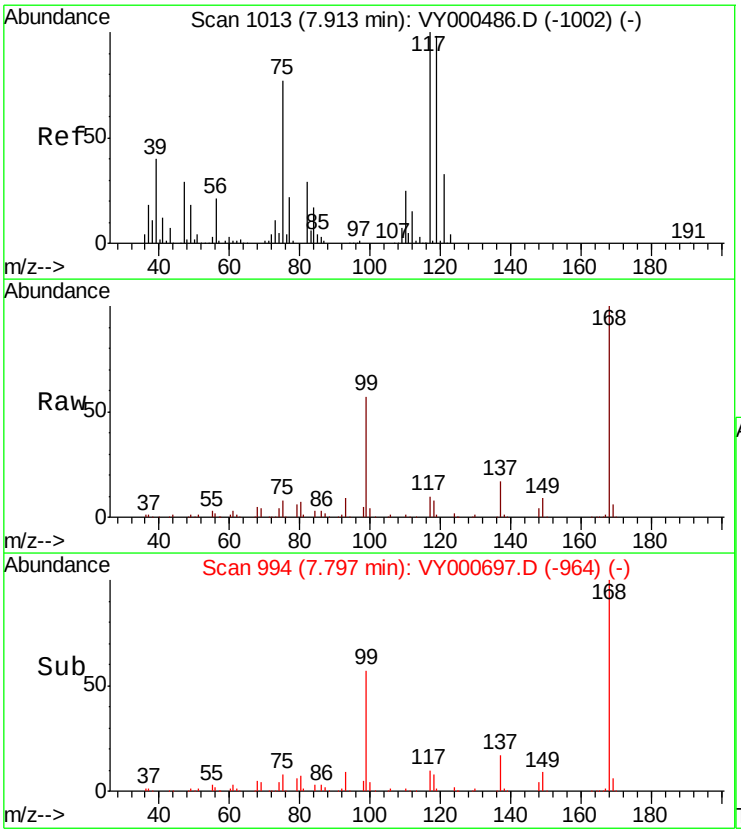
#36
1,1-Dichloropropene
Concen: 4.822 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.13 min
Lab File: VY000697.D
Acq: 15 Nov 2019 13:45

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 17153

Ion	Ratio	Lower	Upper
75	100		
110	9.3	18.1	54.1#
77	0.0	25.0	37.6#

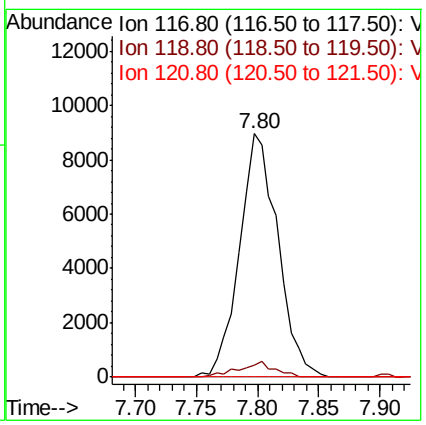


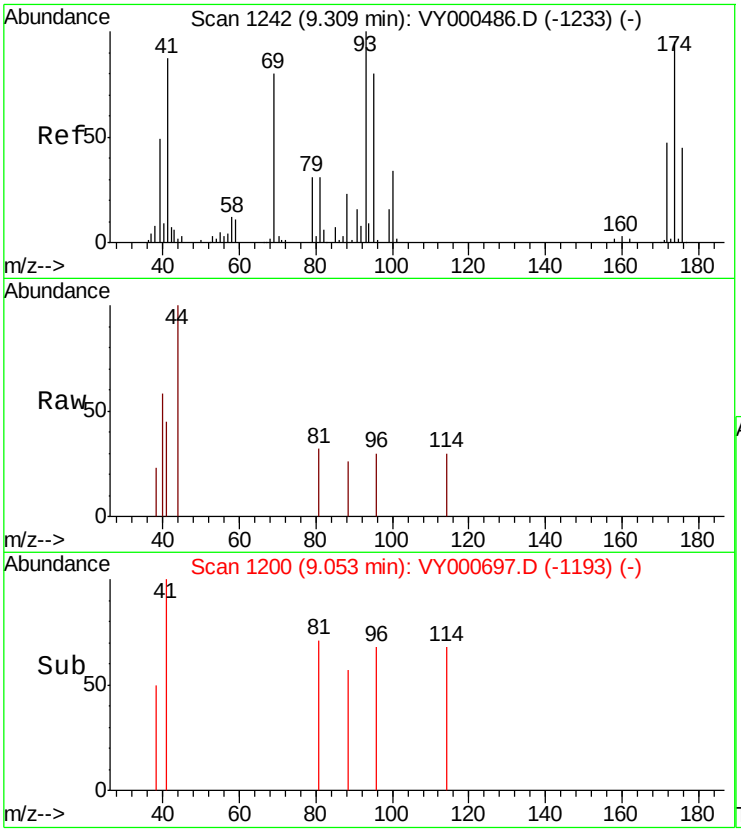


#38
Carbon Tetrachloride
Concen: 5.695 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.12 min
Lab File: VY000697.D
Acq: 15 Nov 2019 13:45

Tgt Ion:117 Resp: 19493

Ion	Ratio	Lower	Upper
117	100		
119	5.2	78.0	117.0#
121	0.0	26.6	40.0#



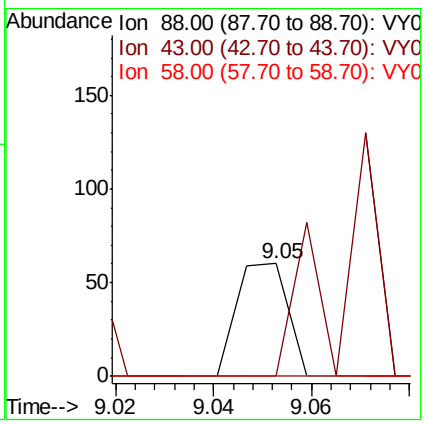


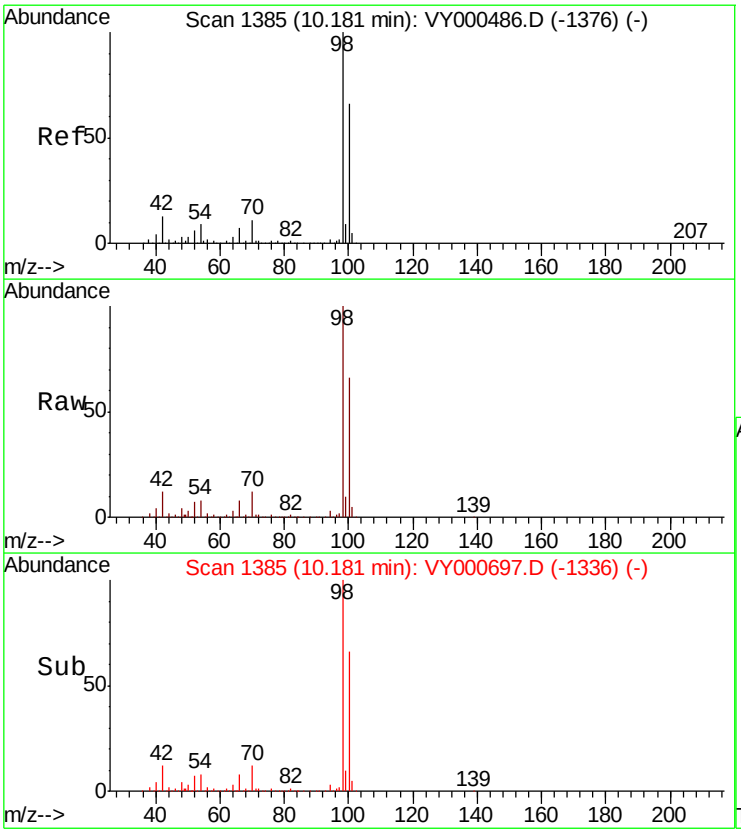
#49
1,4-Dioxane
Concen: 2.316 ug/l
RT: 9.05 min Scan# 1200
Delta R.T. -0.26 min
Lab File: VY000697.D
Acq: 15 Nov 2019 13:45

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 88 Resp: 44

Ion	Ratio	Lower	Upper
88	100		
43	177.3	25.1	37.7#
58	0.0	50.6	75.8#

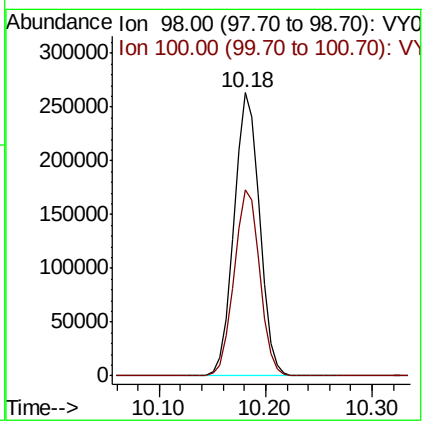


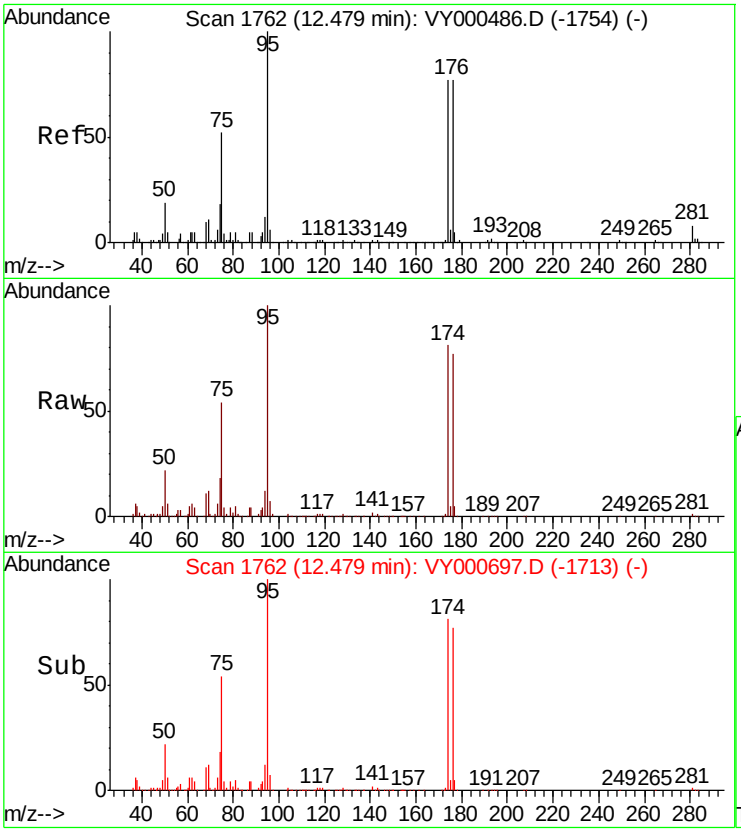


#50
Toluene-d8
Concen: 53.060 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY000697.D
Acq: 15 Nov 2019 13:45

Tgt Ion: 98 Resp: 444777

Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.9	79.3



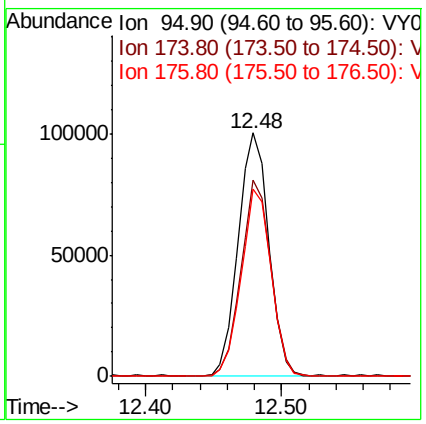


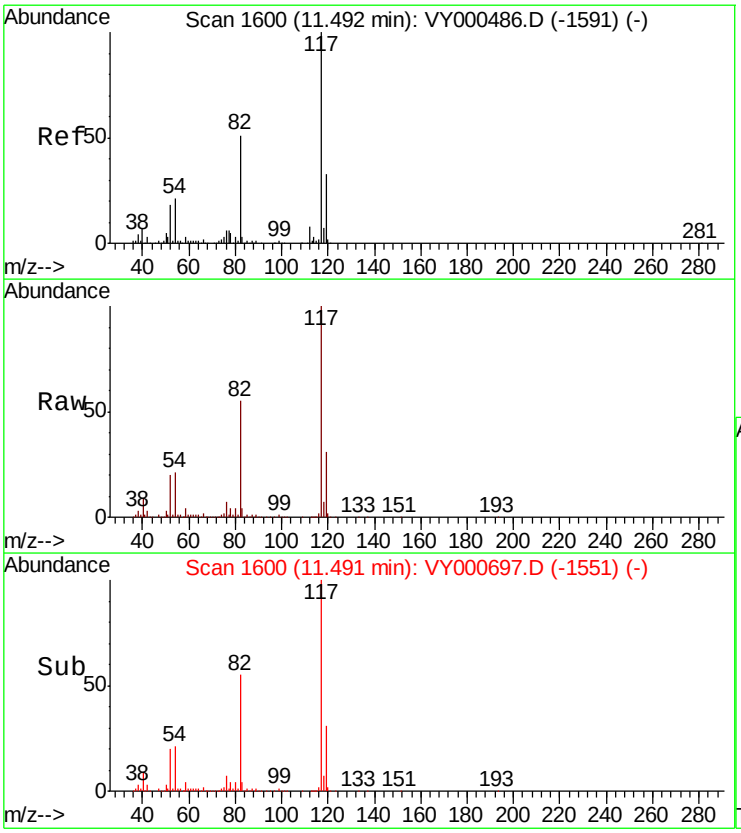
#62
4-Bromofluorobenzene
Concen: 49.026 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY000697.D
Acq: 15 Nov 2019 13:45

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 95 Resp: 156450

Ion	Ratio	Lower	Upper
95	100		
174	79.4	0.0	161.6
176	76.2	0.0	157.8

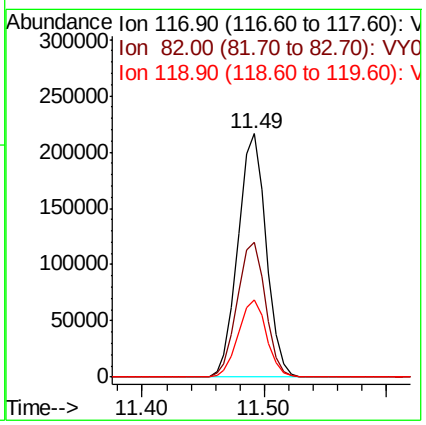


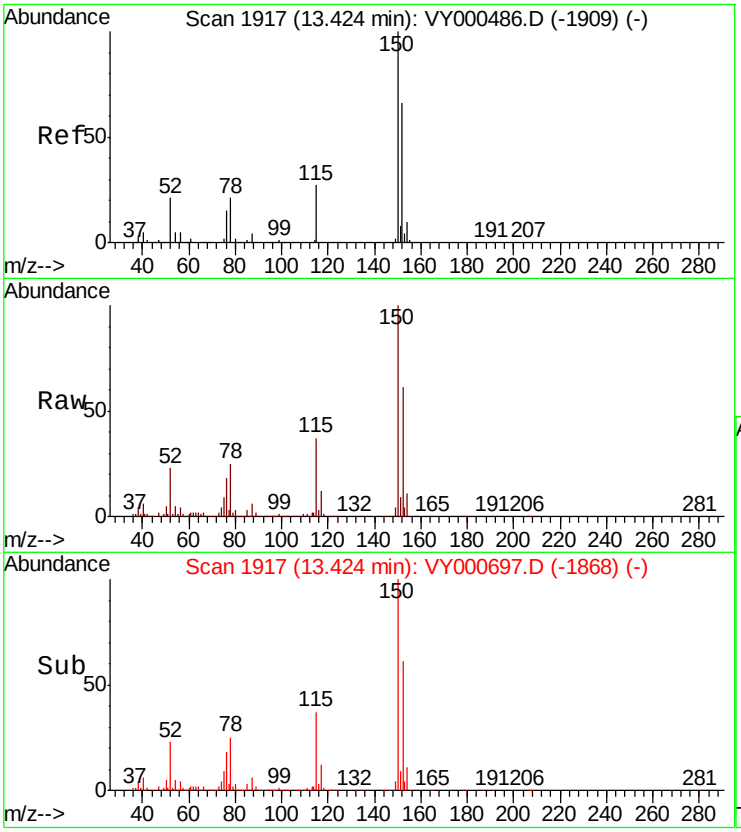


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000697.D
Acq: 15 Nov 2019 13:45

Tgt Ion:117 Resp: 344656

Ion	Ratio	Lower	Upper
117	100		
82	55.4	40.8	61.2
119	31.5	26.2	39.2



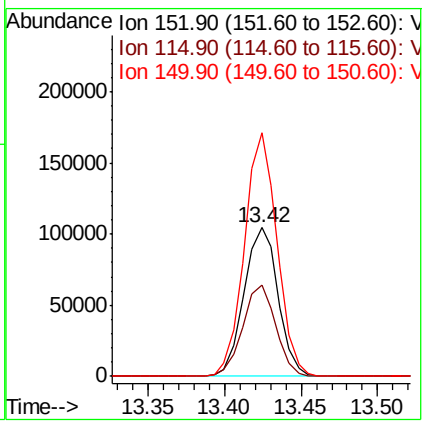


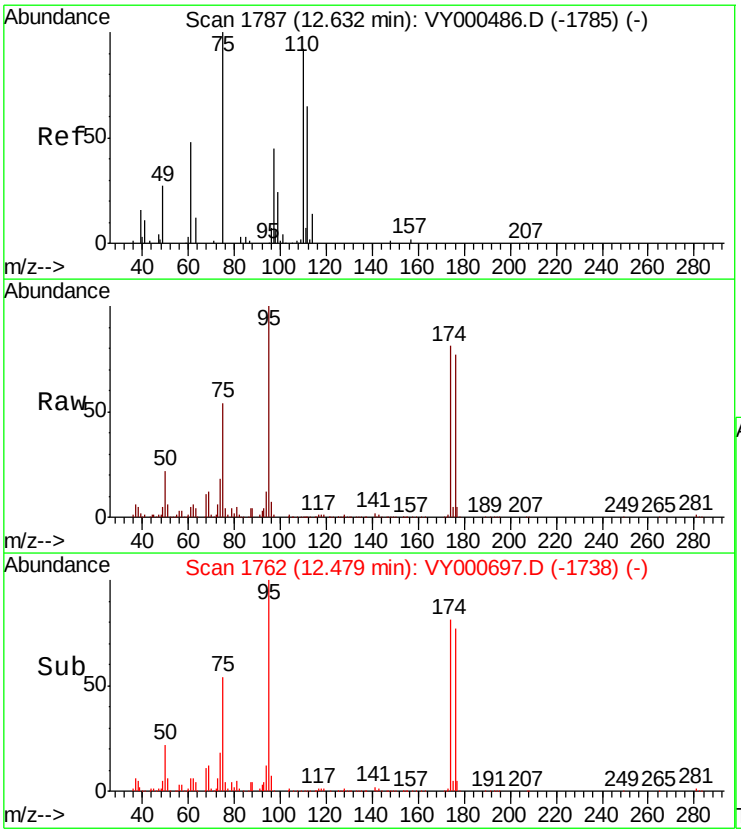
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000697.D
Acq: 15 Nov 2019 13:45

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:152 Resp: 162360

Ion	Ratio	Lower	Upper
152	100		
115	59.4	29.1	87.4
150	156.0	0.0	348.8

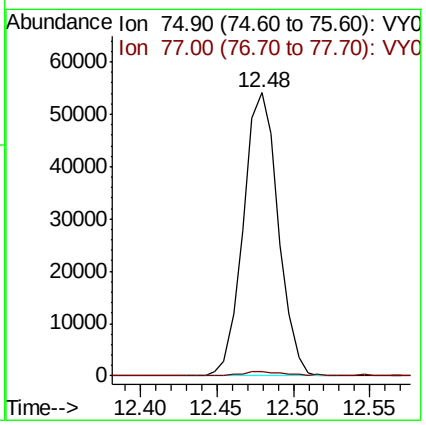


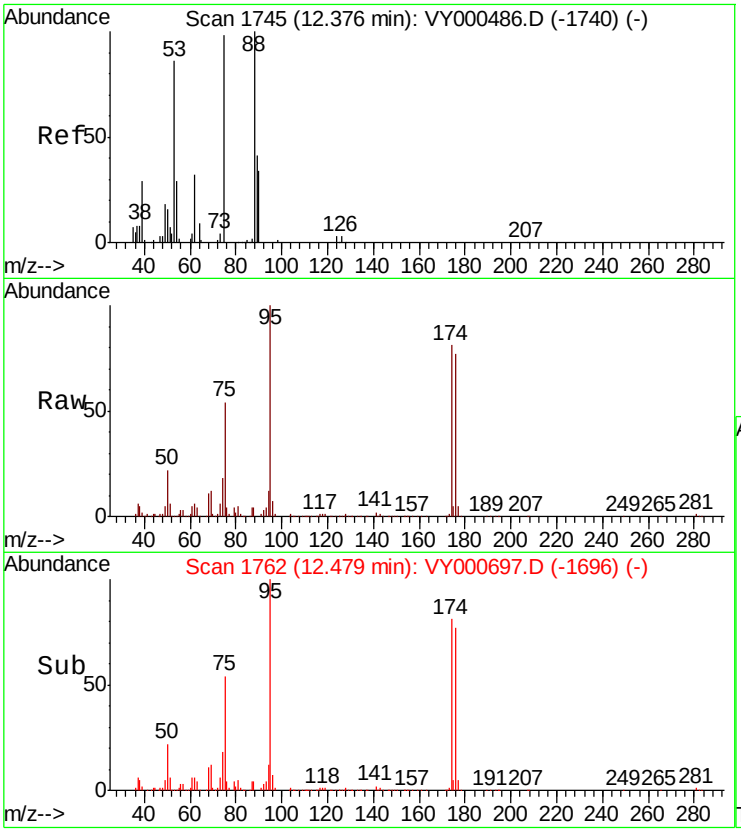


#76
1,2,3-Trichloropropane
Concen: 46.385 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY000697.D
Acq: 15 Nov 2019 13:45

Tgt Ion: 75 Resp: 85751

Ion	Ratio	Lower	Upper
75	100		
77	1.8	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 104.001 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.10 min
Lab File: VY000697.D
Acq: 15 Nov 2019 13:45

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 85751

Ion	Ratio	Lower	Upper
75	100		
53	0.2	73.2	109.8#
89	0.0	35.9	53.9#