Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY101119\
Data File : VY000283.D
Acq On : 11 Oct 2019 20:07
Operator : SY/MD
Sample : K5350-03
Misc : 8.09G/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Time: Oct 14 07:38:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
Quant Title : SW846 8260
QLast Update : Mon Oct 14 07:29:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	255304	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	486621	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	417105	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	186138	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	158599	58.89	ug/l	0.00
Spiked Amount 50.000			Recovery = 117.78%			
35) Dibromofluoromethane	7.73	113	144035	49.07	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.14%			
50) Toluene-d8	10.19	98	564130	49.96	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.92%			
62) 4-Bromofluorobenzene	12.48	95	193395	45.08	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.16%			
Target Compounds						Qvalue
5) Bromomethane	2.65	94	135	Below Cal	#	3
10) Methyl Iodide	4.10	142	68	1.204	ug/l #	88
11) Tert butyl alcohol	4.97	59	513	1.820	ug/l #	73
16) Acetone	3.96	43	44698	51.252	ug/l	95
17) Carbon Disulfide	4.20	76	16748	2.063	ug/l #	94
20) Methylene Chloride	4.72	84	10669	Below Cal	#	93
25) 2-Butanone	7.00	43	19699	16.034	ug/l	94
31) Cyclohexane	7.79	56	5556	1.078	ug/l #	19
36) 1,1-Dichloropropene	7.80	75	20639	4.332	ug/l #	49
37) Ethyl Acetate	7.00	43	19699	6.983	ug/l #	67
38) Carbon Tetrachloride	7.80	117	25404	5.507	ug/l #	18
76) 1,2,3-Trichloropropane	12.48	75	106032	46.325	ug/l #	100
77) Bromobenzene	12.70	156	77196	23.902	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.48	75	106032	101.358	ug/l #	17
95) Naphthalene	15.23	128	1764025	197.153	ug/l	99

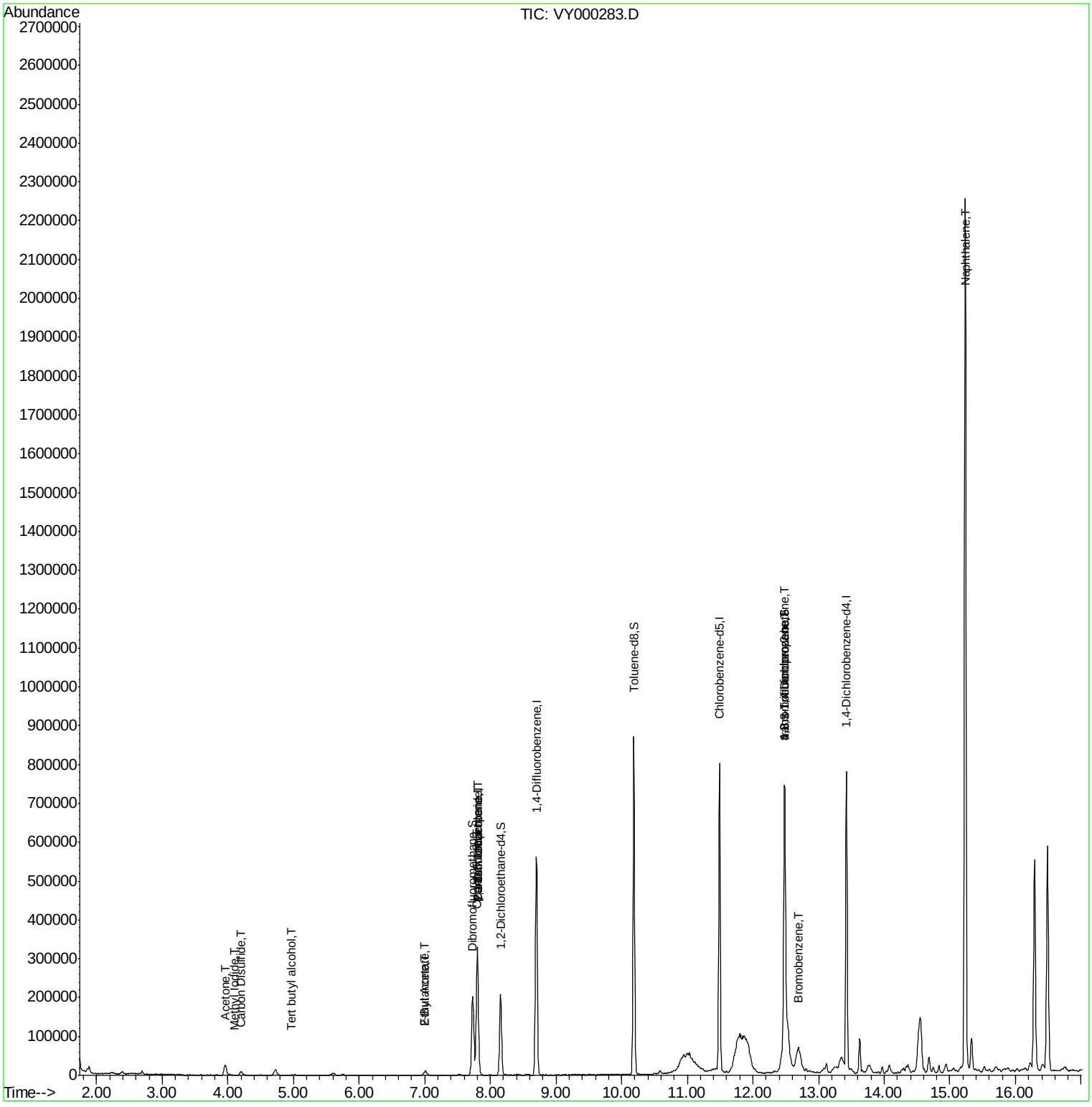
(#) = qualifier out of range (m) = manual integration (+) = signals summed

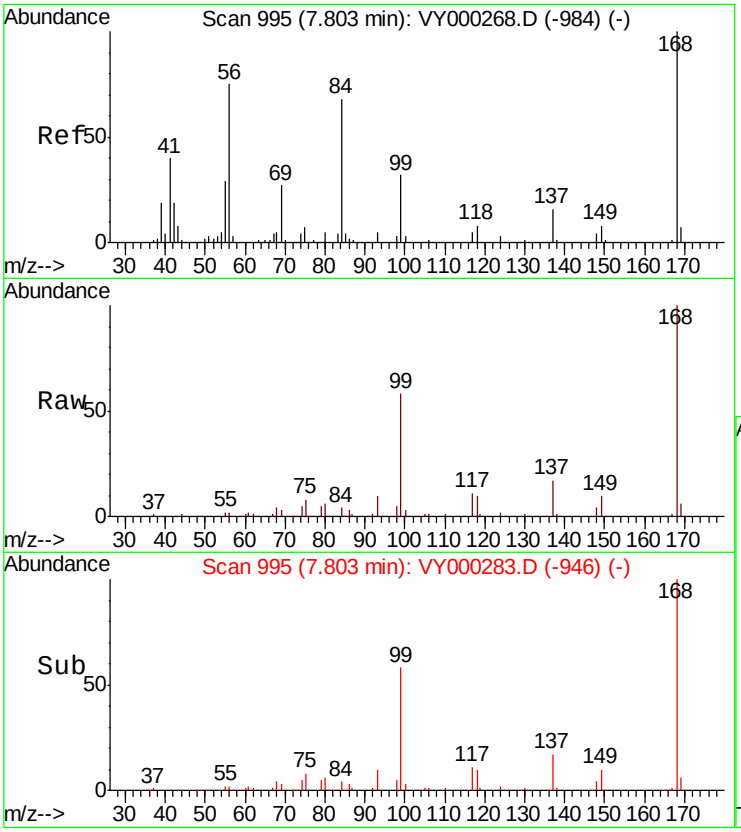
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY101119\
Data File : VY000283.D
Acq On : 11 Oct 2019 20:07
Operator : SY/MD
Sample : K5350-03
Misc : 8.09G/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Oct 14 07:38:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
Quant Title : SW846 8260
QLast Update : Mon Oct 14 07:29:17 2019
Response via : Initial Calibration



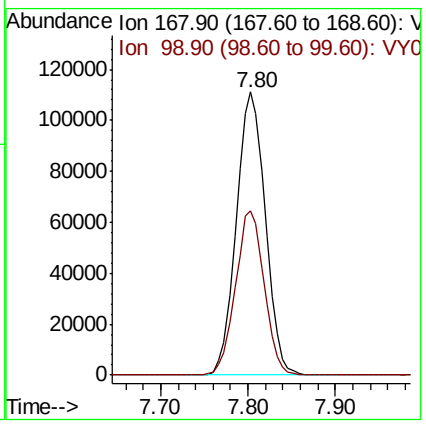


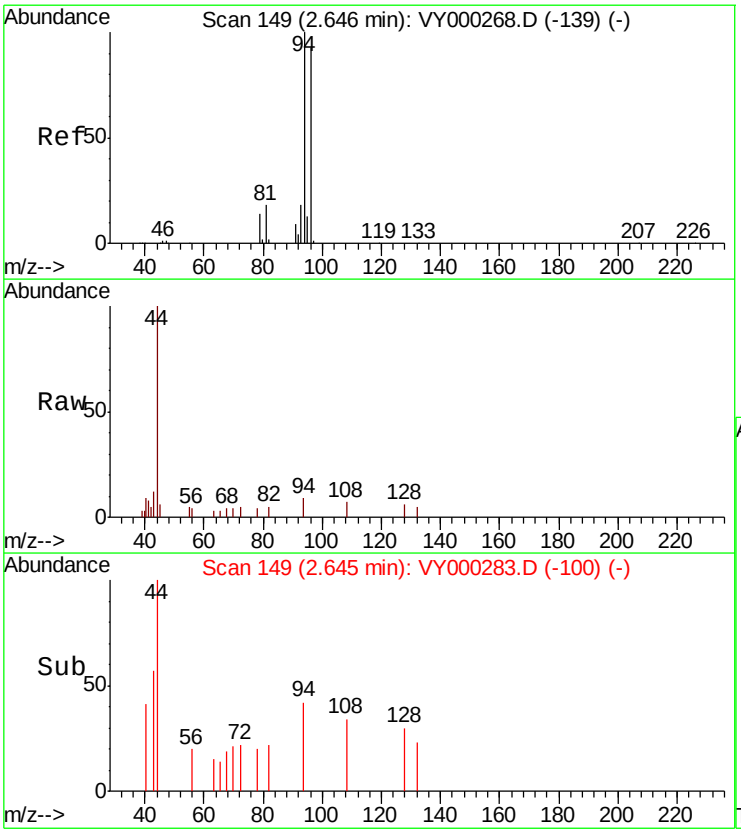
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.00 min
Lab File: VY000283.D
Acq: 11 Oct 2019 20:07

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 255304

Ion	Ratio	Lower	Upper
168	100		
99	58.3	46.6	69.8

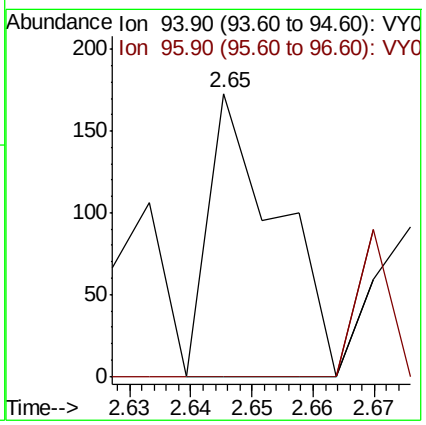


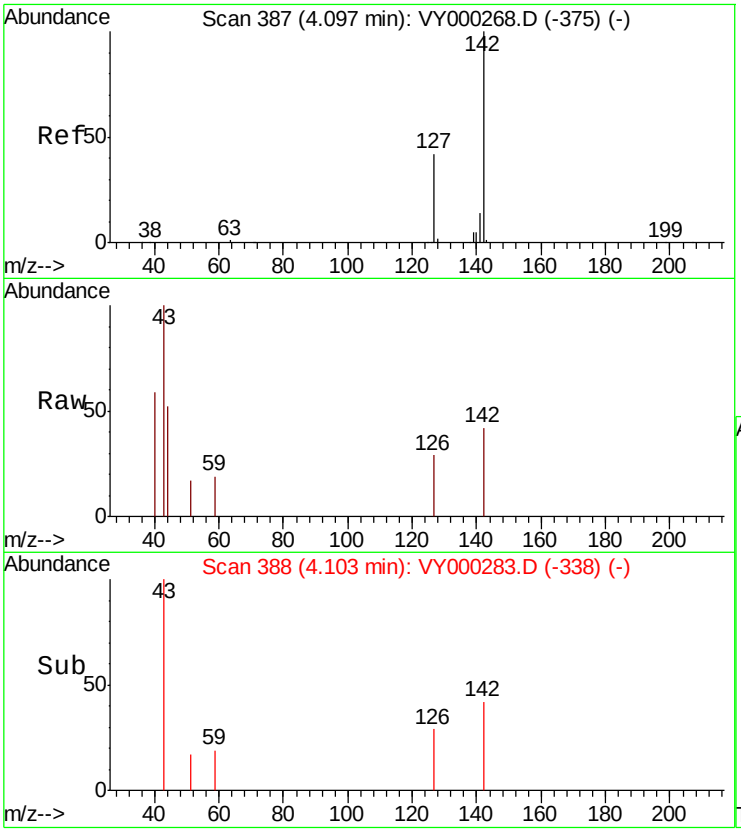


#5
Bromomethane
Concen: Below Cal
RT: 2.65 min Scan# 149
Delta R.T. 0.00 min
Lab File: VY000283.D
Acq: 11 Oct 2019 20:07

Tgt Ion: 94 Resp: 135

Ion	Ratio	Lower	Upper
94	100		
96	0.0	74.2	111.2#



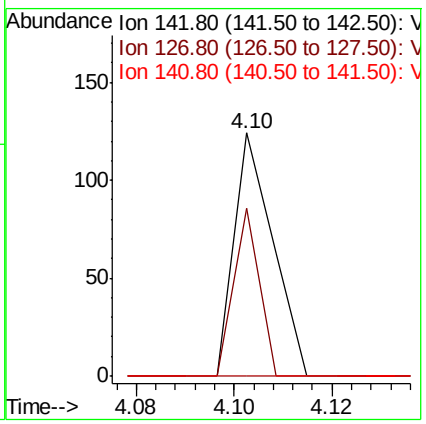


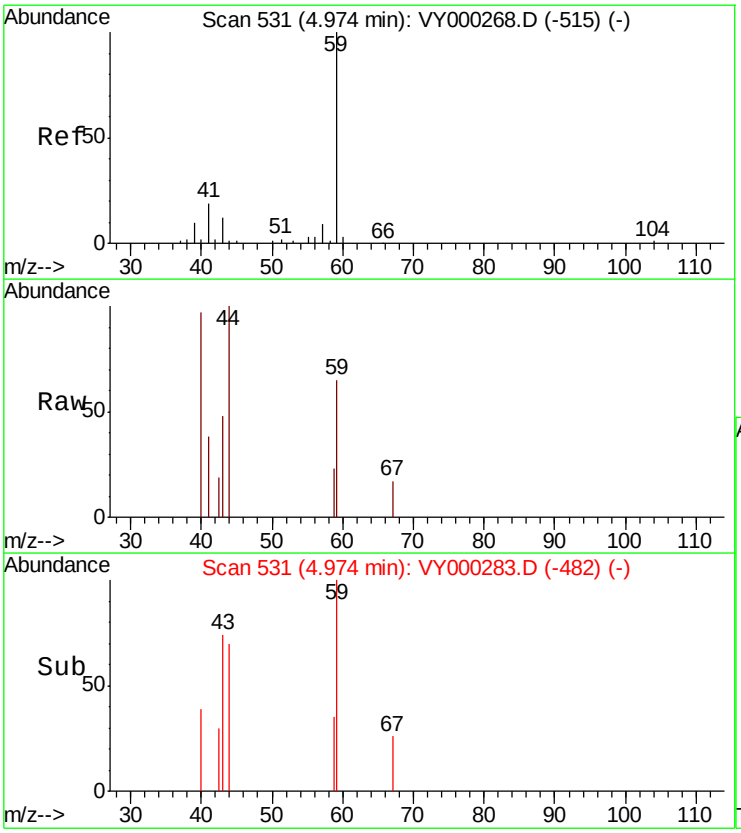
#10
Methyl Iodide
Concen: 1.204 ug/l
RT: 4.10 min Scan# 388
Delta R.T. 0.01 min
Lab File: VY000283.D
Acq: 11 Oct 2019 20:07

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:142 Resp: 68

Ion	Ratio	Lower	Upper
142	100		
127	45.6	33.9	50.9
141	0.0	11.2	16.8#

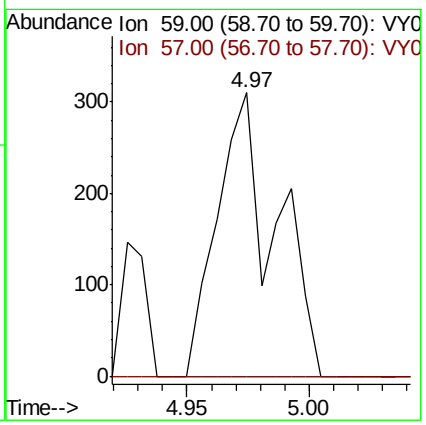


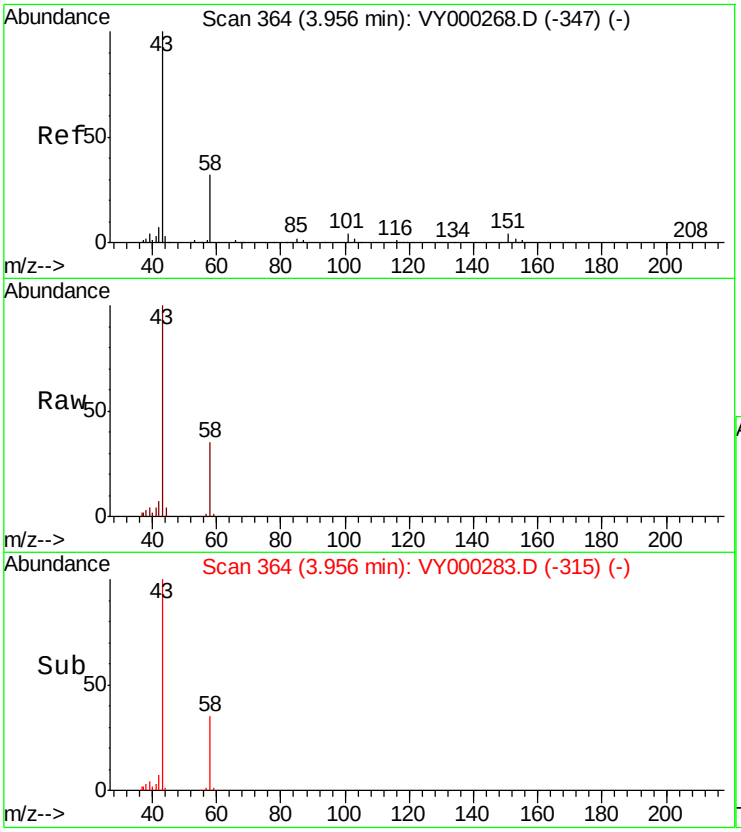


#11
Tert butyl alcohol
Concen: 1.820 ug/l
RT: 4.97 min Scan# 531
Delta R.T. -0.00 min
Lab File: VY000283.D
Acq: 11 Oct 2019 20:07

Tgt Ion: 59 Resp: 513

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.2#



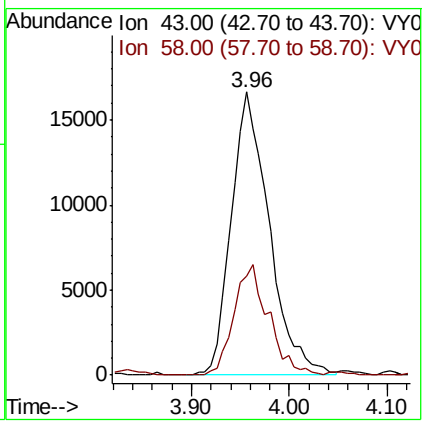


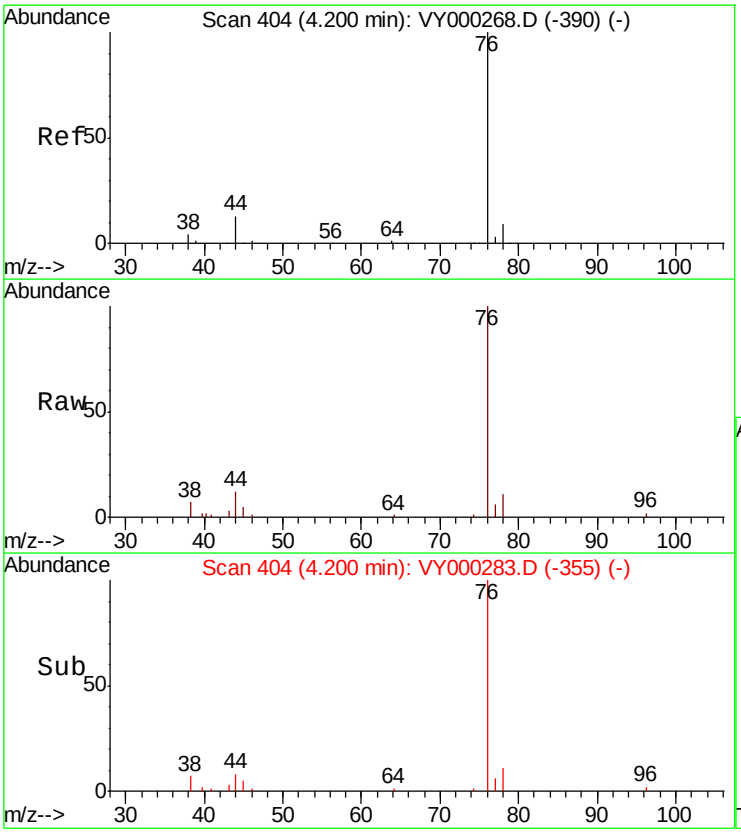
#16
Acetone
Concen: 51.252 ug/l
RT: 3.96 min Scan# 364
Delta R.T. -0.00 min
Lab File: VY000283.D
Acq: 11 Oct 2019 20:07

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 44698

Ion	Ratio	Lower	Upper
43	100		
58	34.8	25.8	38.6

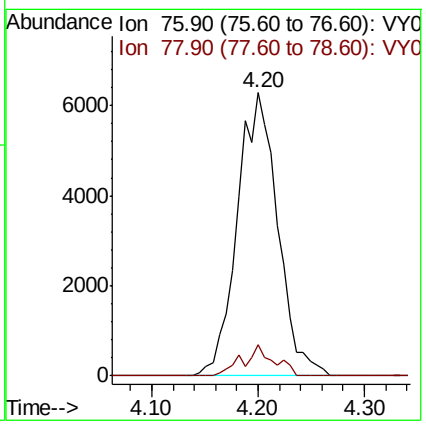


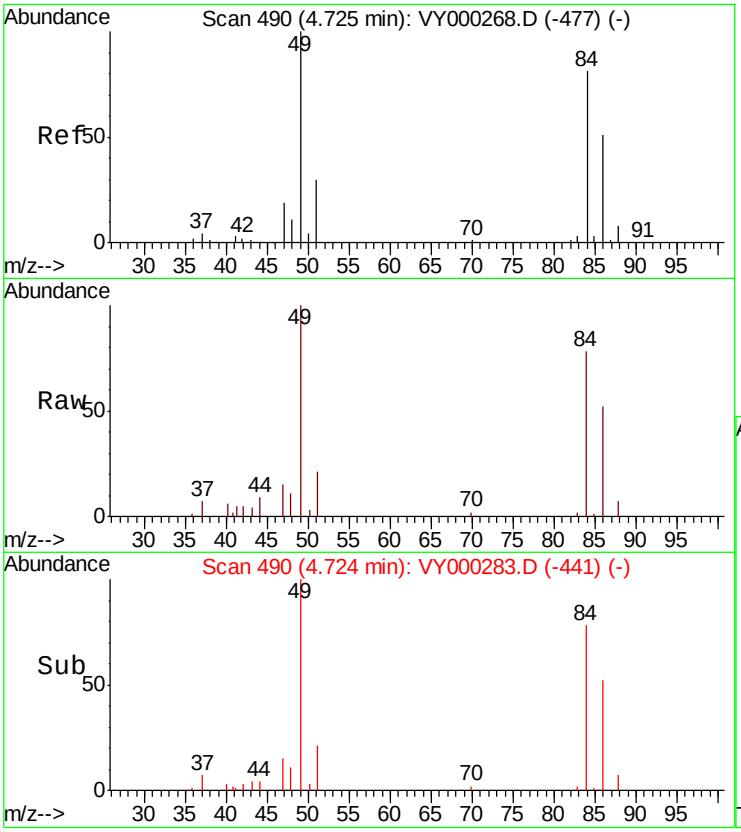


#17
Carbon Disulfide
Concen: 2.063 ug/l
RT: 4.20 min Scan# 404
Delta R.T. -0.00 min
Lab File: VY000283.D
Acq: 11 Oct 2019 20:07

Tgt Ion: 76 Resp: 16748

Ion	Ratio	Lower	Upper
76	100		
78	11.0	7.0	10.4#



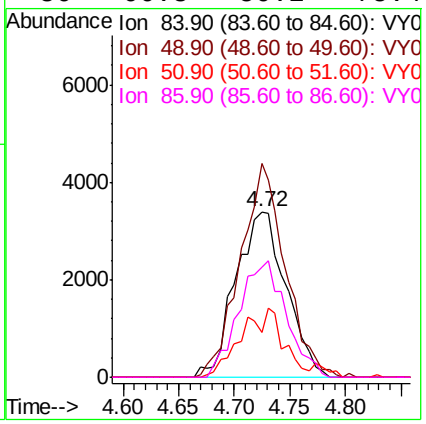


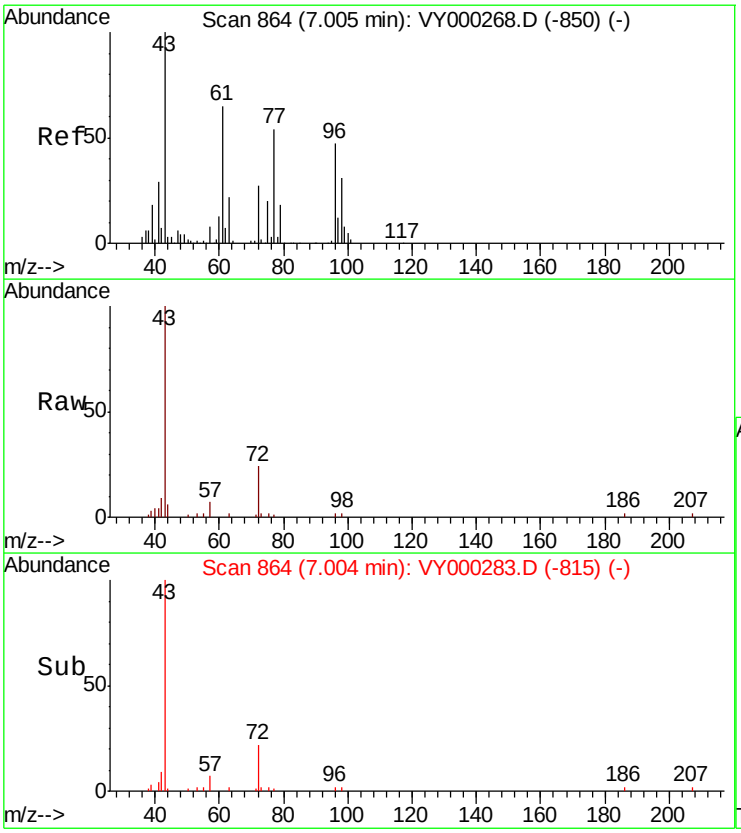
#20
Methylene Chloride
Concen: Below Cal
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY000283.D
Acq: 11 Oct 2019 20:07

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 84 Resp: 10669

Ion	Ratio	Lower	Upper
84	100		
49	128.9	99.0	148.4
51	27.1	29.3	43.9#
86	66.8	50.2	75.4

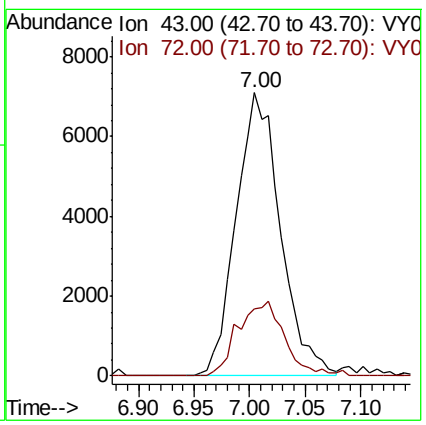


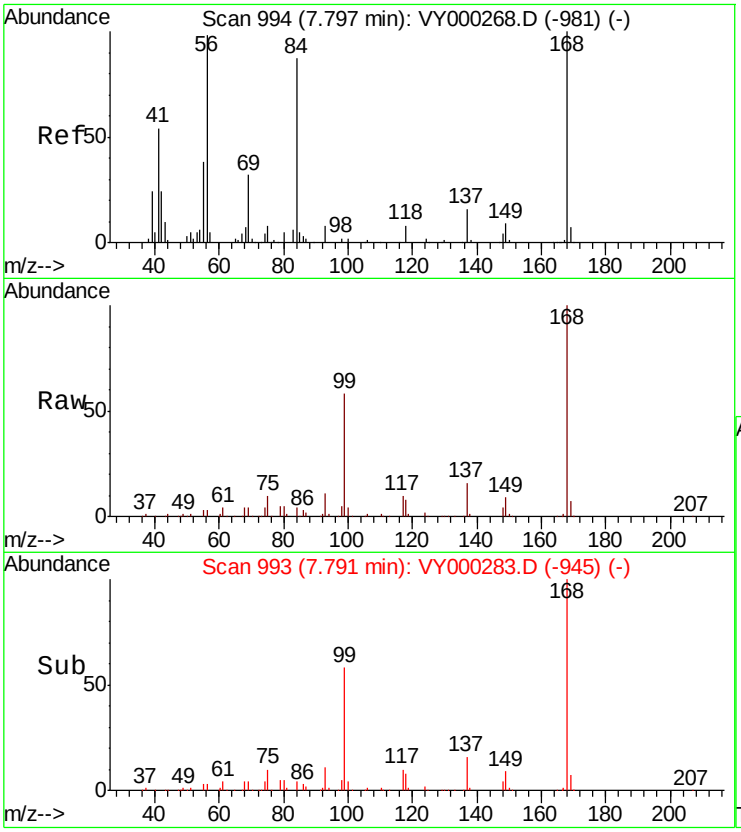


#25
2-Butanone
Concen: 16.034 ug/l
RT: 7.00 min Scan# 864
Delta R.T. -0.00 min
Lab File: VY000283.D
Acq: 11 Oct 2019 20:07

Tgt Ion: 43 Resp: 19699

Ion	Ratio	Lower	Upper
43	100		
72	23.8	21.4	32.2



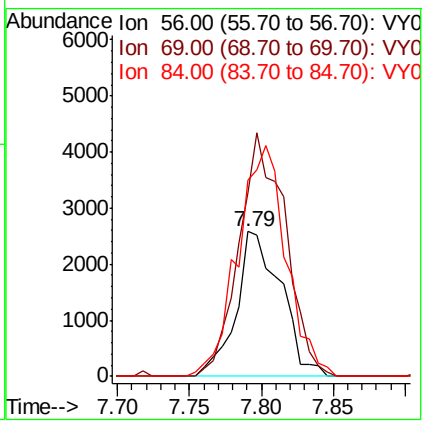


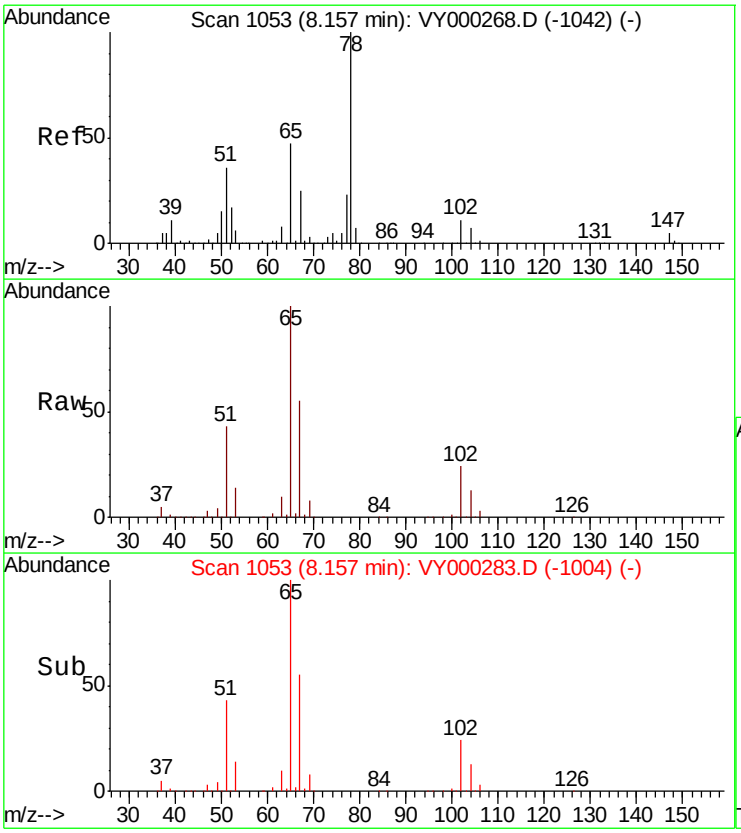
#31
Cyclohexane
Concen: 1.078 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.01 min
Lab File: VY000283.D
Acq: 11 Oct 2019 20:07

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 56 Resp: 5556

Ion	Ratio	Lower	Upper
56	100		
69	126.4	26.3	39.5#
84	135.1	70.8	106.2#

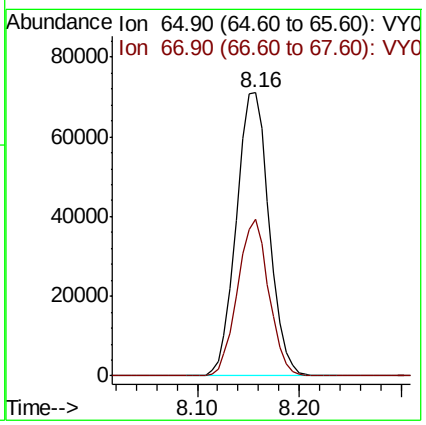


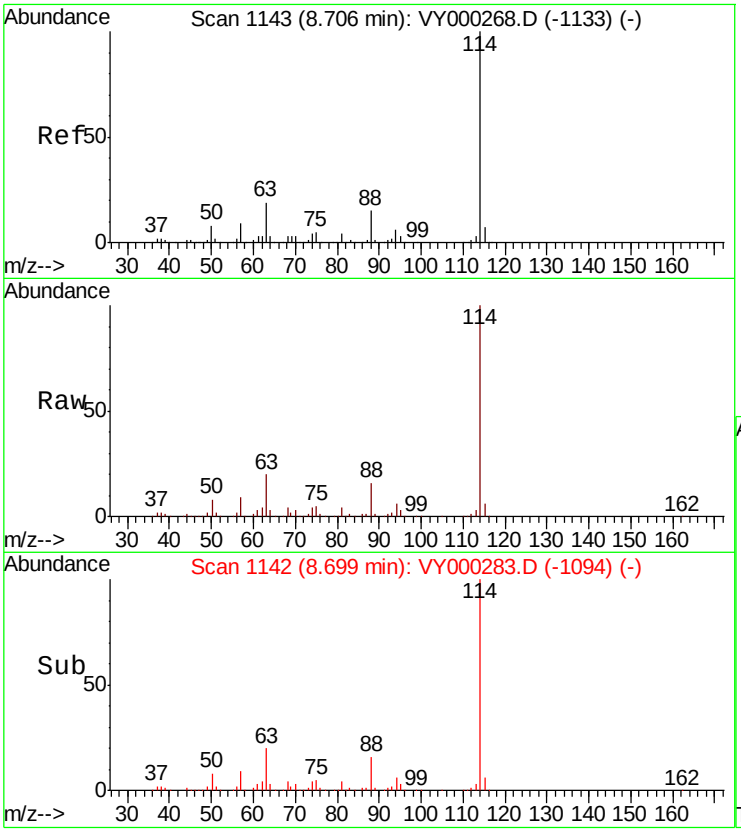


#33
1,2-Dichloroethane-d4
Concen: 58.892 ug/l
RT: 8.16 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VY000283.D
Acq: 11 Oct 2019 20:07

Tgt Ion: 65 Resp: 158599

Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	109.4



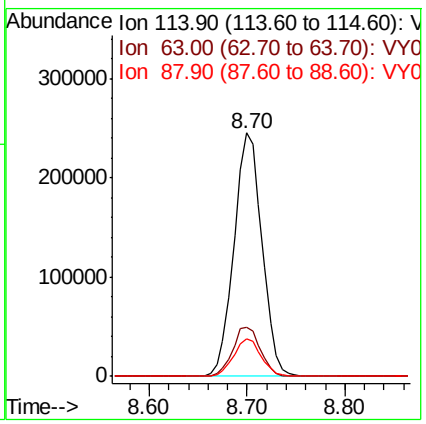


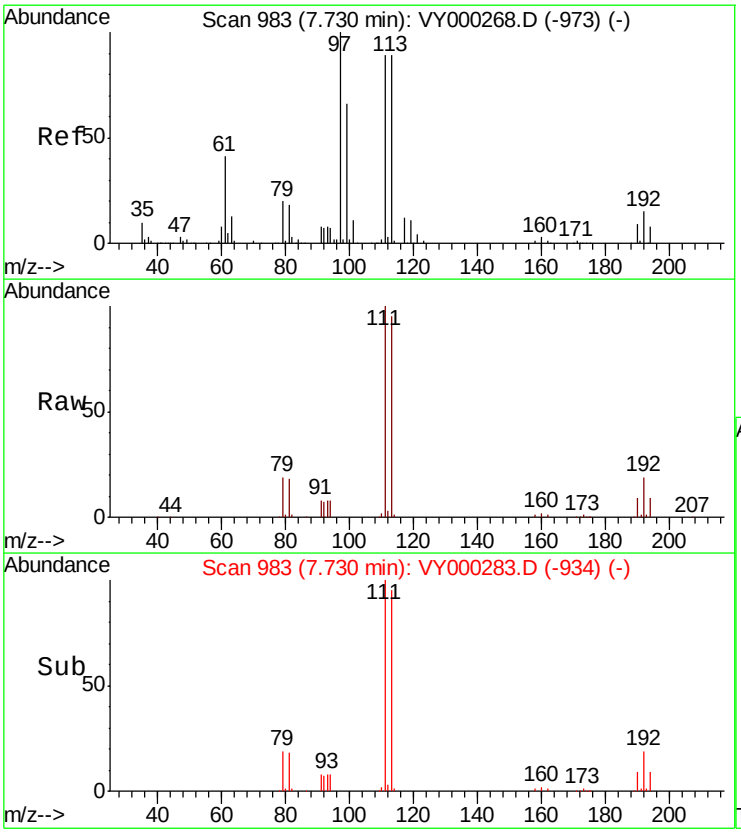
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.70 min Scan# 1142
Delta R.T. -0.01 min
Lab File: VY000283.D
Acq: 11 Oct 2019 20:07

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:114 Resp: 486621

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	37.2
88	15.7	0.0	30.2

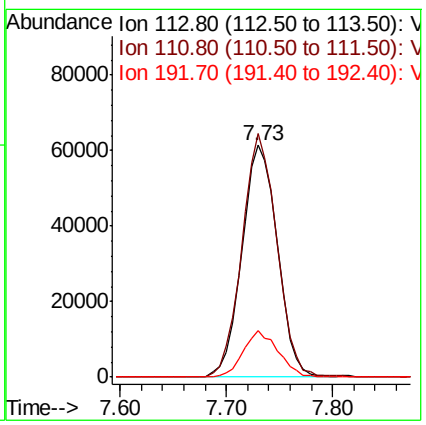


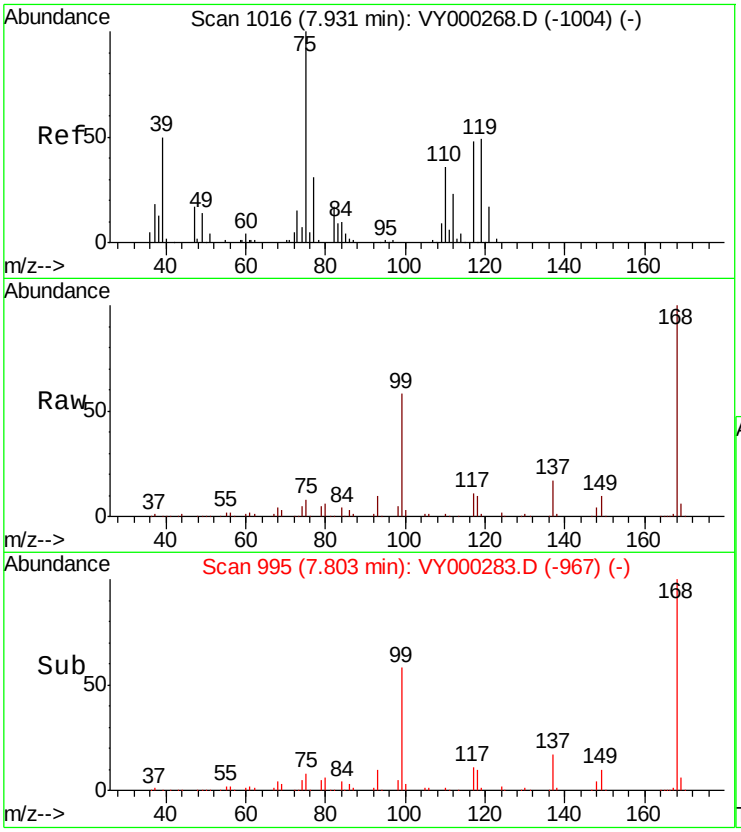


#35
Dibromofluoromethane
Concen: 49.069 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.00 min
Lab File: VY000283.D
Acq: 11 Oct 2019 20:07

Tgt Ion:113 Resp: 144035

Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.6	122.4
192	19.5	15.3	22.9



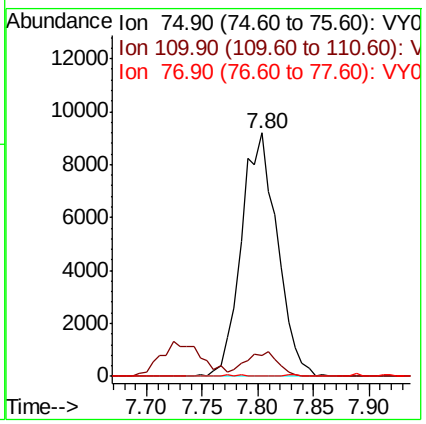


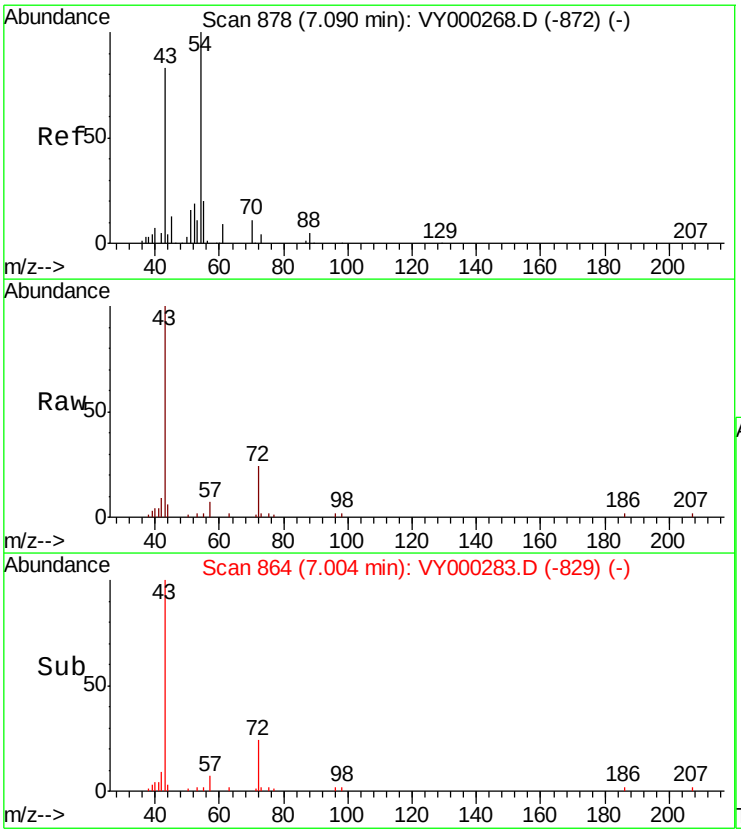
#36
1,1-Dichloropropene
Concen: 4.332 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.13 min
Lab File: VY000283.D
Acq: 11 Oct 2019 20:07

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 20639

Ion	Ratio	Lower	Upper
75	100		
110	9.2	18.4	55.4#
77	0.0	25.0	37.6#

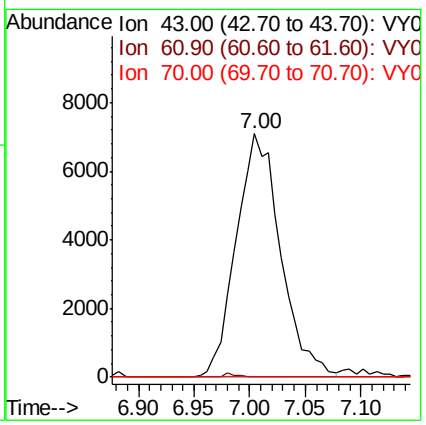


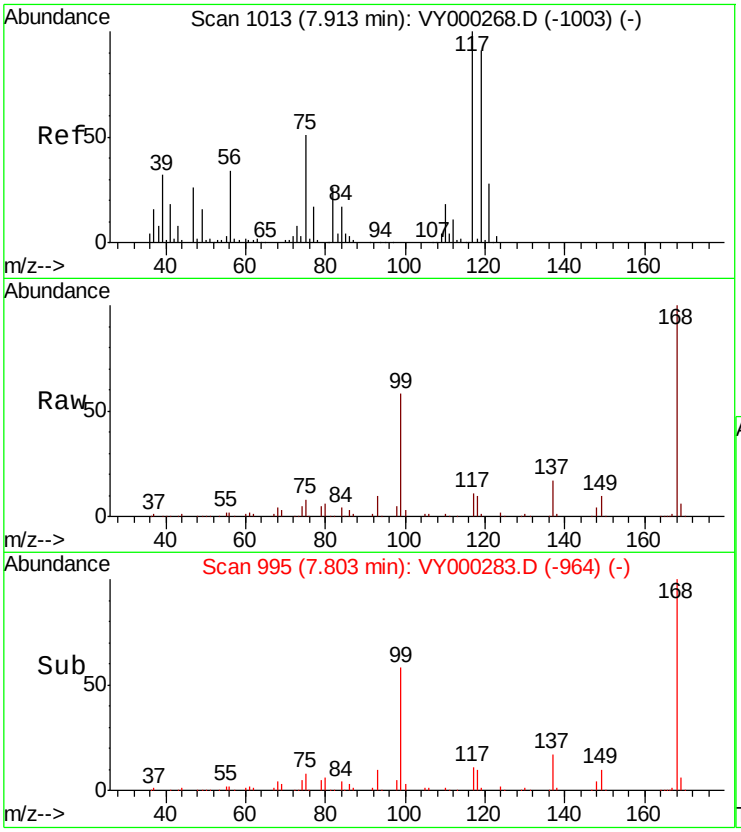


#37
Ethyl Acetate
Concen: 6.983 ug/l
RT: 7.00 min Scan# 864
Delta R.T. -0.09 min
Lab File: VY000283.D
Acq: 11 Oct 2019 20:07

Tgt Ion: 43 Resp: 19699

Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.1	18.1#
70	0.0	8.7	13.1#



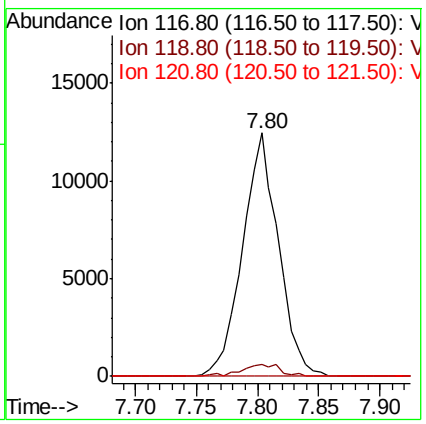


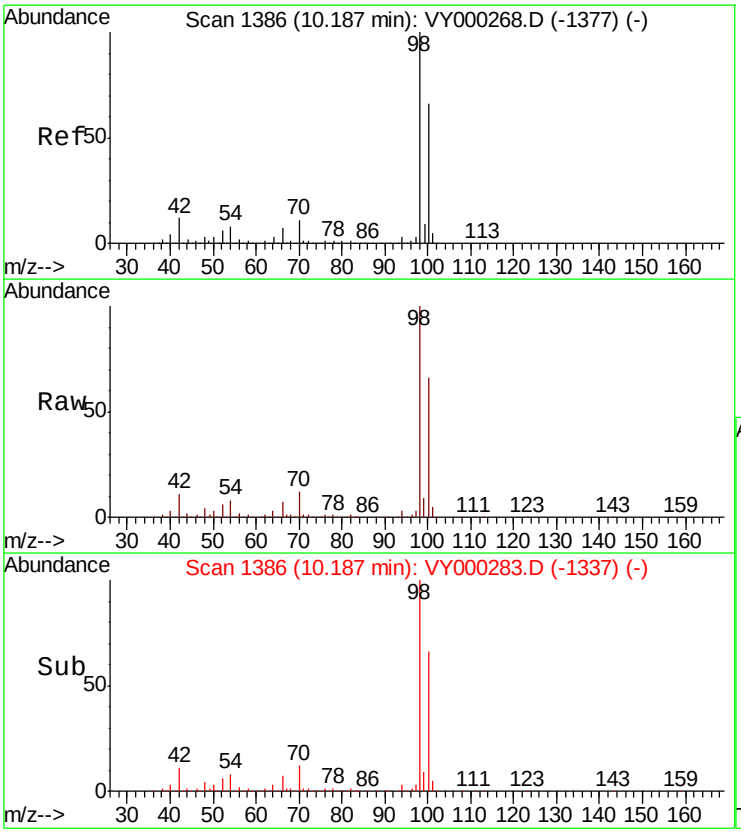
#38
Carbon Tetrachloride
Concen: 5.507 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.11 min
Lab File: VY000283.D
Acq: 11 Oct 2019 20:07

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 25404

Ion	Ratio	Lower	Upper
117	100		
119	4.9	72.8	109.2#
121	0.0	22.2	33.2#

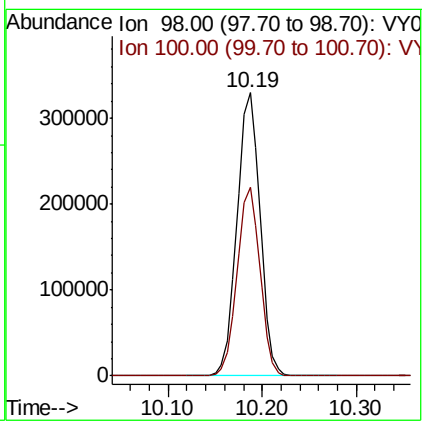


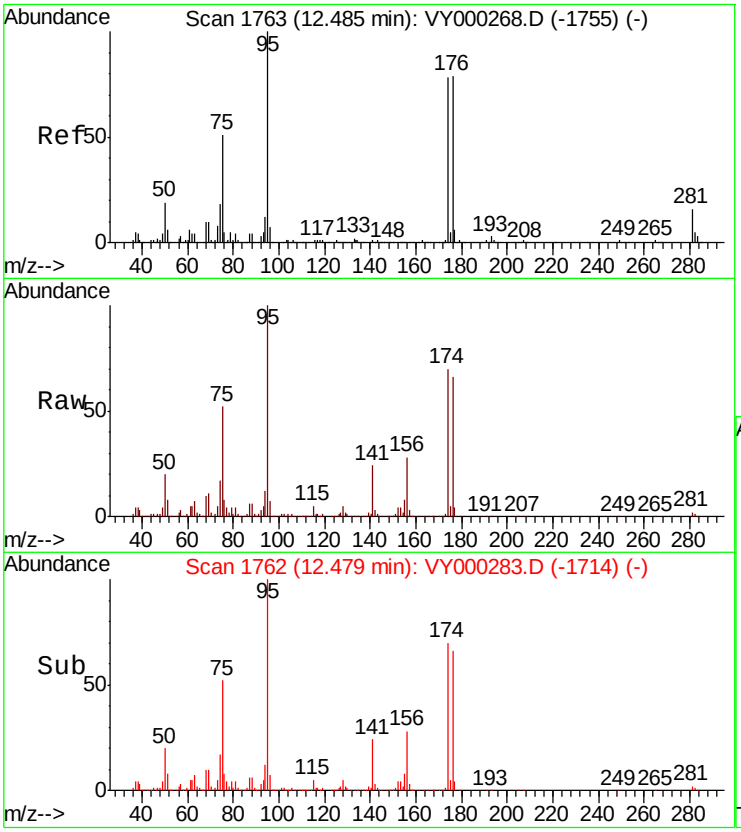


#50
Toluene-d8
Concen: 49.961 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.00 min
Lab File: VY000283.D
Acq: 11 Oct 2019 20:07

Tgt Ion: 98 Resp: 564130

Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.8	79.2



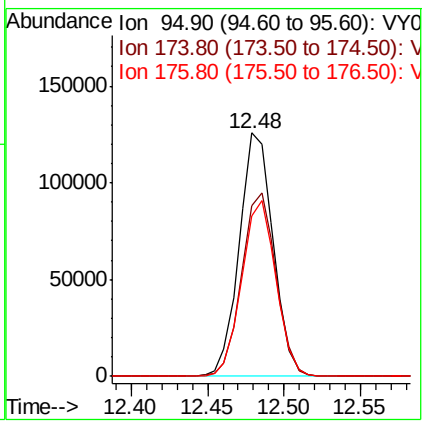


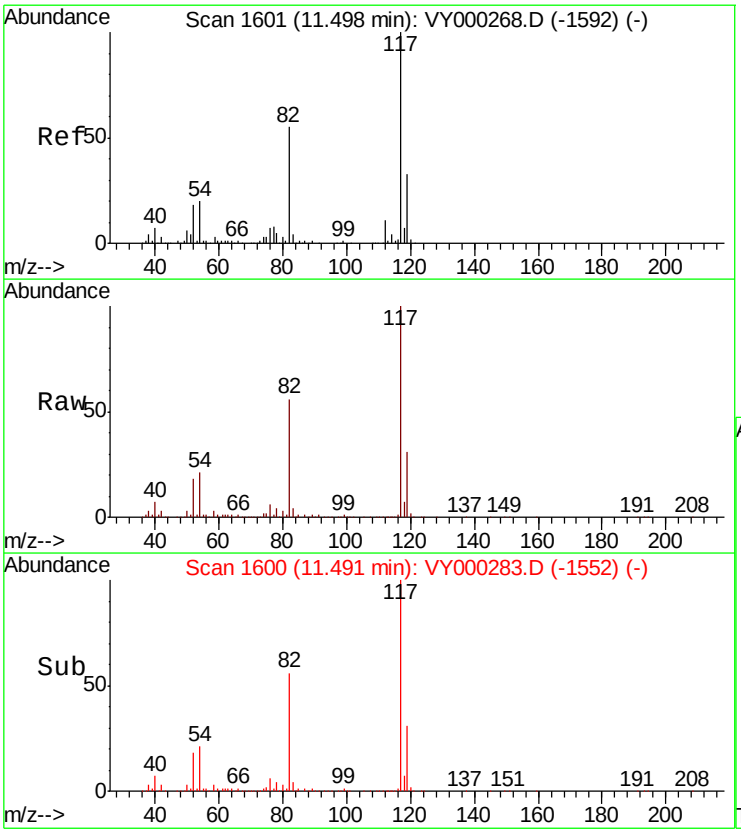
#62
4-Bromofluorobenzene
Concen: 45.083 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VY000283.D
Acq: 11 Oct 2019 20:07

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 95 Resp: 193395

Ion	Ratio	Lower	Upper
95	100		
174	76.4	0.0	159.6
176	72.7	0.0	153.8

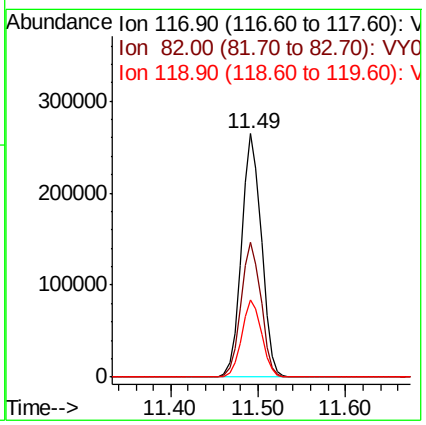


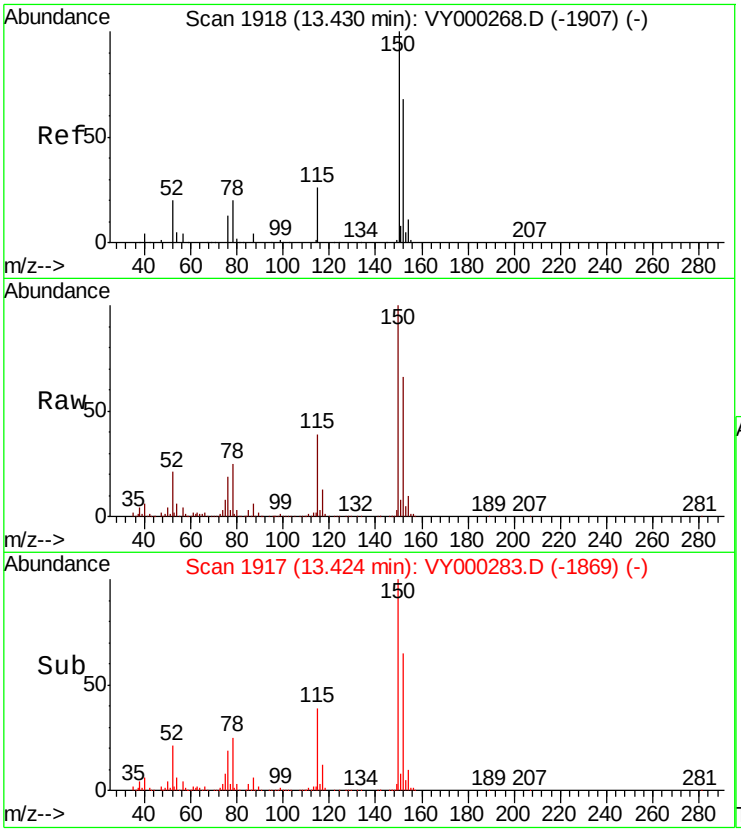


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000283.D
Acq: 11 Oct 2019 20:07

Tgt Ion:117 Resp: 417105

Ion	Ratio	Lower	Upper
117	100		
82	55.5	43.7	65.5
119	31.5	26.6	39.8



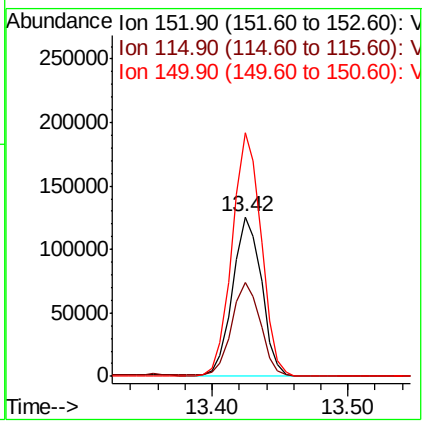


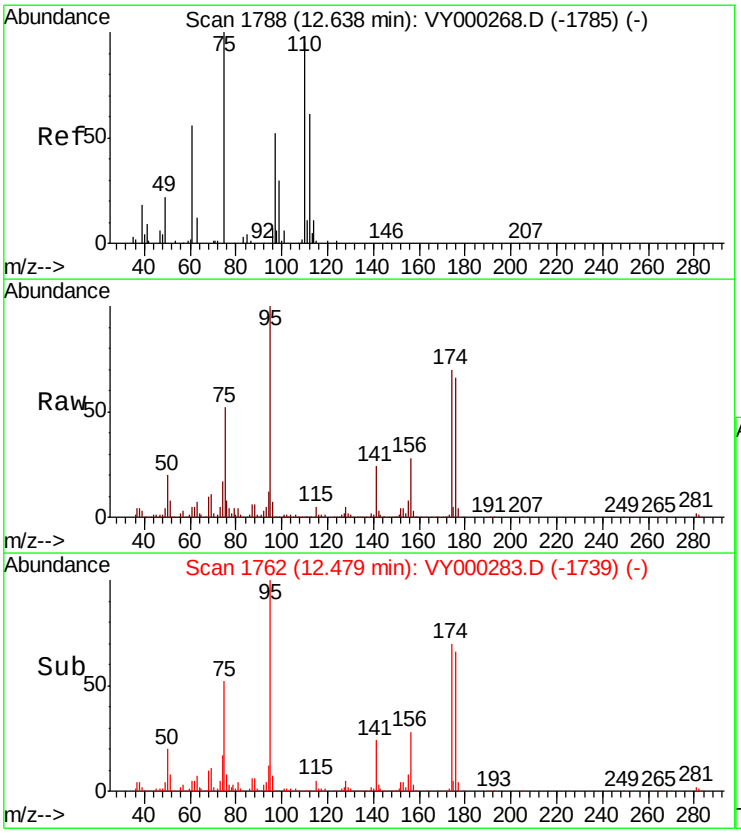
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000283.D
Acq: 11 Oct 2019 20:07

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion:152 Resp: 186138

Ion	Ratio	Lower	Upper
152	100		
115	58.1	29.3	88.0
150	153.2	0.0	348.4

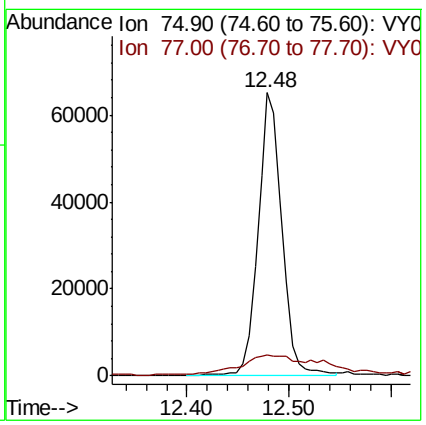


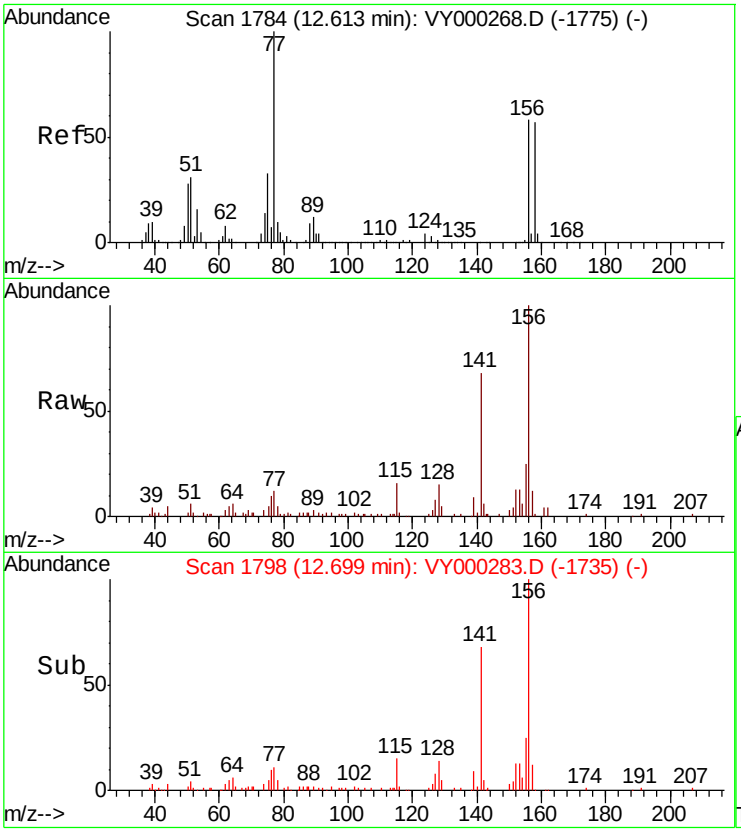


#76
1,2,3-Trichloropropane
Concen: 46.325 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.16 min
Lab File: VY000283.D
Acq: 11 Oct 2019 20:07

Tgt Ion: 75 Resp: 106032

Ion	Ratio	Lower	Upper
75	100		
77	15.4	0.0	0.0#



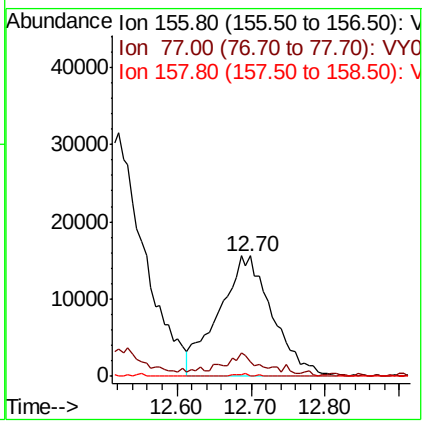


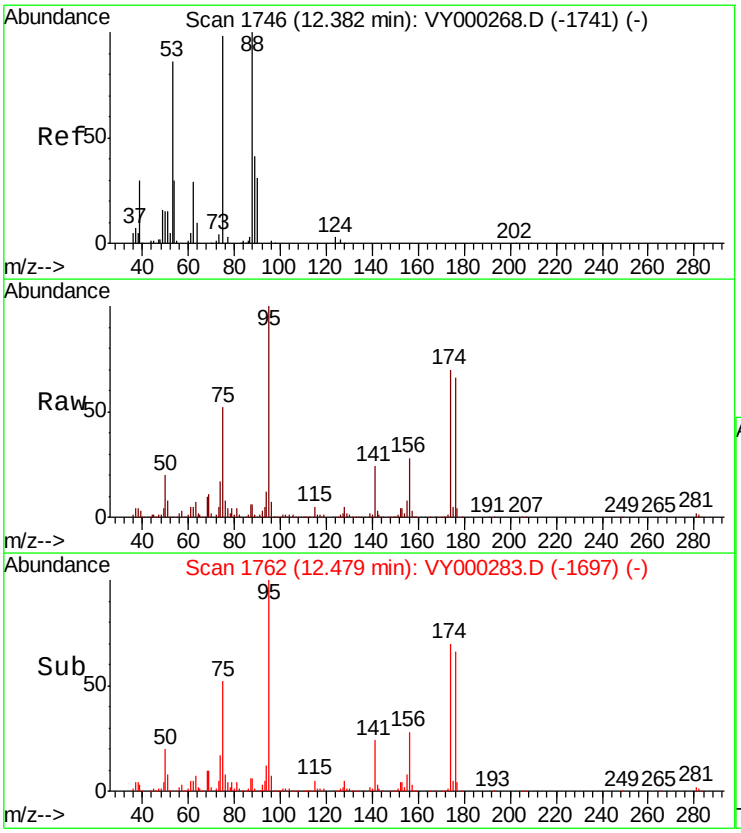
#77
Bromobenzene
Concen: 23.902 ug/l
RT: 12.70 min Scan# 1798
Delta R.T. 0.09 min
Lab File: VY000283.D
Acq: 11 Oct 2019 20:07

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:156 Resp: 77196

Ion	Ratio	Lower	Upper
156	100		
77	8.6	101.0	302.9#
158	0.5	49.7	149.1#

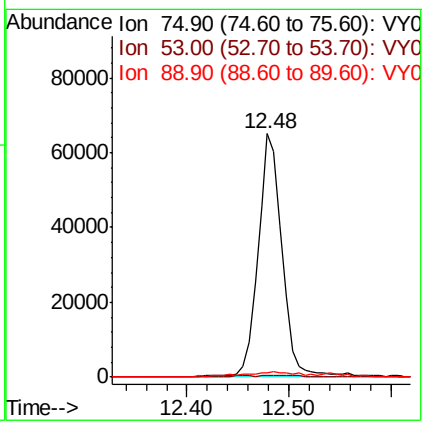


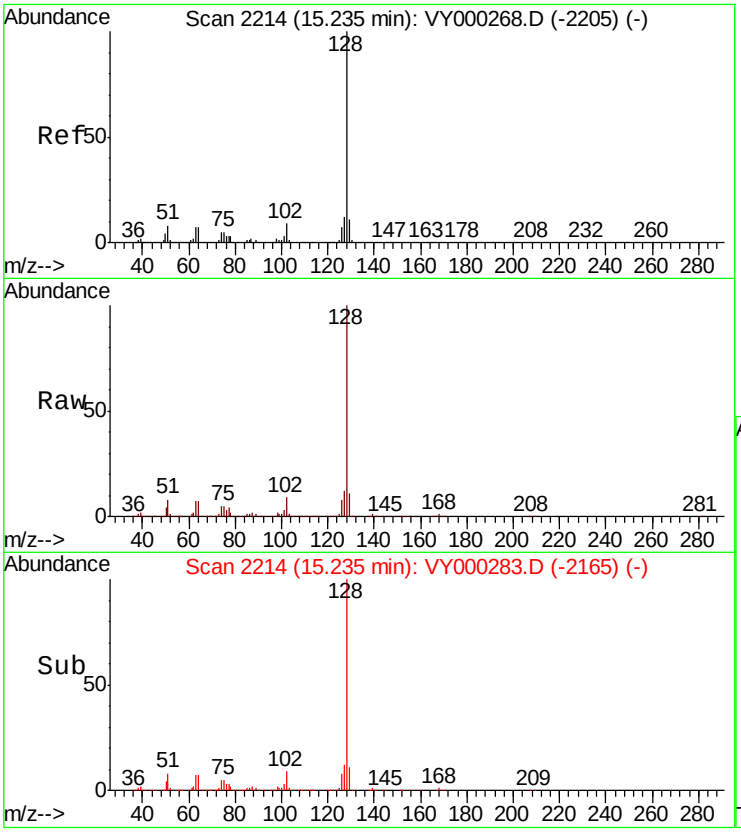


#81
trans-1,4-Dichloro-2-butene
Concen: 101.358 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.10 min
Lab File: VY000283.D
Acq: 11 Oct 2019 20:07

Tgt Ion: 75 Resp: 106032

Ion	Ratio	Lower	Upper
75	100		
53	1.3	71.3	106.9#
89	4.8	35.1	52.7#





#95
Naphthalene
Concen: 197.153 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY000283.D
Acq: 11 Oct 2019 20:07

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 1764025

Ion	Ratio	Lower	Upper
128	100		
127	12.5	9.6	14.4
129	11.0	8.7	13.1