Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY110619\
Data File : VY000558.D
Acq On : 06 Nov 2019 17:45
Operator : SY/MD
Sample : K5725-03
Misc : 3.96G/5ML/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Time: Nov 07 04:58:11 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	8085	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	15138	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	13944	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	8204	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	6144	73.43	ug/l	0.00
Spiked Amount 50.000			Recovery = 146.86%			
35) Dibromofluoromethane	7.72	113	3364	37.85	ug/l	0.00
Spiked Amount 50.000			Recovery = 75.70%			
50) Toluene-d8	10.18	98	16300	48.34	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.68%			
62) 4-Bromofluorobenzene	12.48	95	7104	55.34	ug/l	0.00
Spiked Amount 50.000			Recovery = 110.68%			
Target Compounds						Qvalue
3) Chloromethane	2.12	50	136	1.240	ug/l #	43
6) Chloroethane	2.61	64	79	1.240	ug/l #	41
8) Diethyl Ether	3.47	74	52	1.064	ug/l #	4
10) Methyl Iodide	4.12	142	31	3.465	ug/l #	41
12) 1,1-Dichloroethene	4.07	96	94	1.164	ug/l #	1
13) Acrolein	3.60	56	56	7.893	ug/l	93
16) Acetone	3.95	43	458	19.861	ug/l #	42
20) Methylene Chloride	4.74	84	318	3.218	ug/l #	13
25) 2-Butanone	7.02	43	93	2.527	ug/l #	49
29) Tetrahydrofuran	7.17	42	25	1.110	ug/l #	35
36) 1,1-Dichloropropene	7.80	75	686	4.794	ug/l #	41
37) Ethyl Acetate	7.14	43	92	1.083	ug/l #	70
38) Carbon Tetrachloride	7.80	117	778	5.650	ug/l #	11
41) Methacrylonitrile	7.33	41	48	1.013	ug/l #	1
55) 1,1,2-Trichloroethane	10.62	97	219	2.666	ug/l #	14
56) Ethyl methacrylate	10.51	69	130	1.117	ug/l #	68
59) 2-Hexanone	10.86	43	66	1.068	ug/l #	24
74) N-amyl acetate	12.12	43	6259	36.043	ug/l #	75
75) 1,1,2,2-Tetrachloroethane	12.57	83	363	3.024	ug/l #	1
76) 1,2,3-Trichloropropane	12.47	75	2947	31.548	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.47	75	2947	70.734	ug/l #	23
84) 1,2,4-Trimethylbenzene	13.12	105	1111	2.210	ug/l	88
85) sec-Butylbenzene	13.25	105	3212	5.229	ug/l	81
86) p-Isopropyltoluene	13.37	119	4514	8.245	ug/l	92
89) n-Butylbenzene	13.67	91	4190	7.759	ug/l #	16
90) Hexachloroethane	13.97	117	2223	21.963	ug/l #	14
92) 1,2-Dibromo-3-Chloropropan	14.38	75	483	22.732	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.01	180	692	4.159	ug/l #	1
95) Naphthalene	15.22	128	2640	7.148	ug/l #	1
96) 1,2,3-Trichlorobenzene	15.39	180	490	3.283	ug/l #	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY110619\
Data File : VY000558.D
Acq On : 06 Nov 2019 17:45
Operator : SY/MD
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Misc : 3.96G/5ML/MSVOA_Y/SOIL
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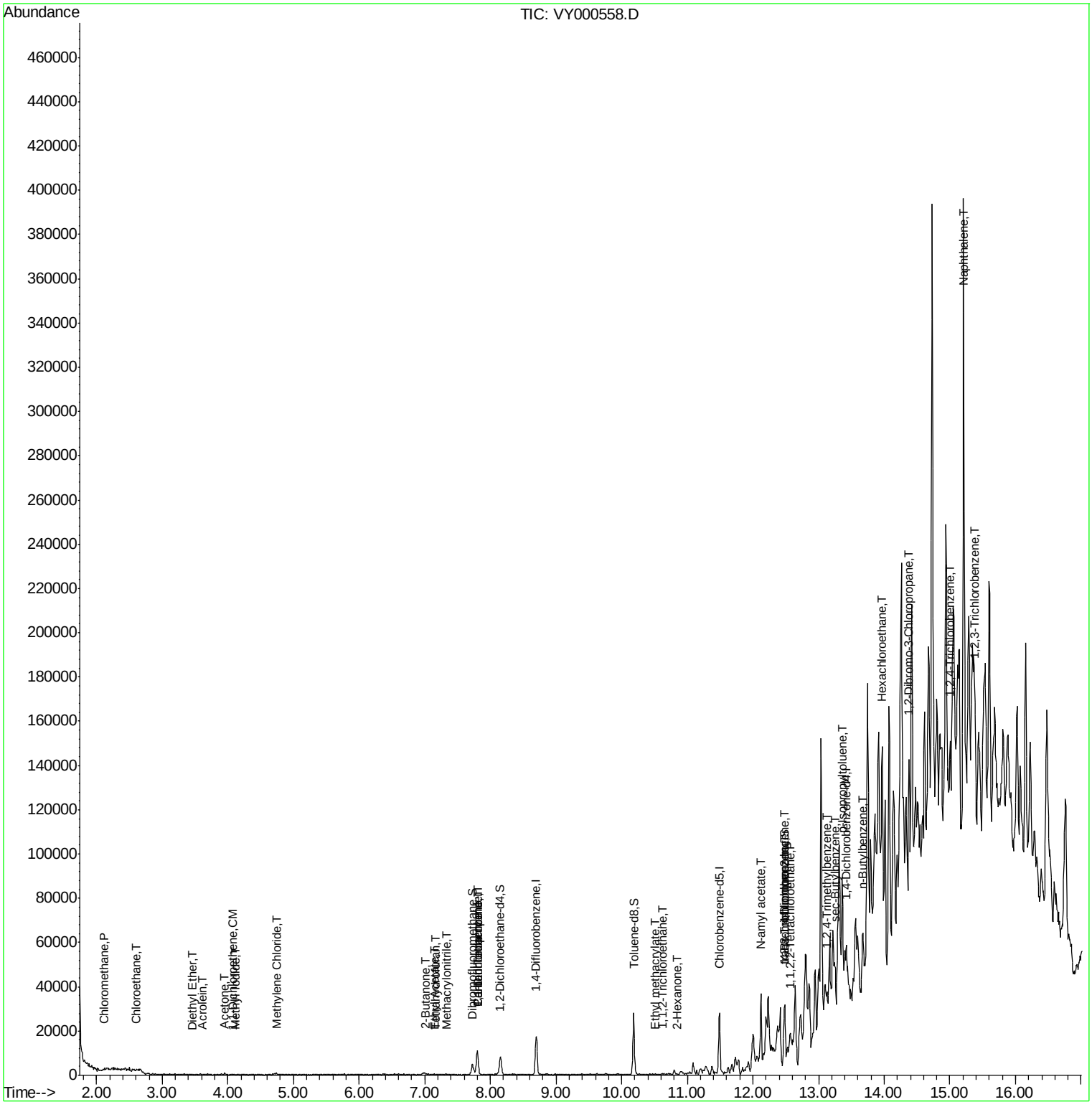
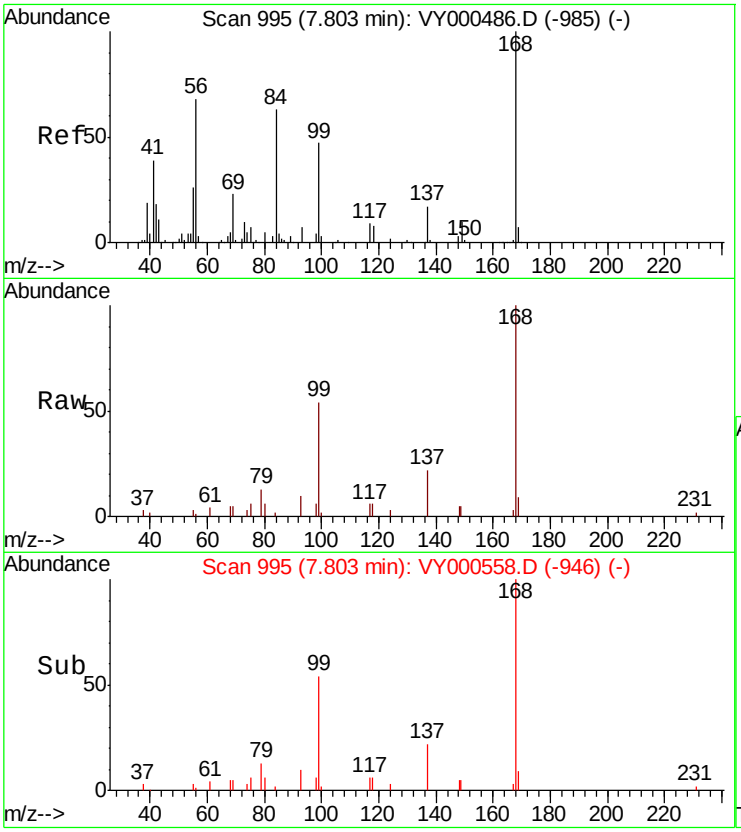
ClientSampleId :

Quant Time: Nov 07 04:58:11 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



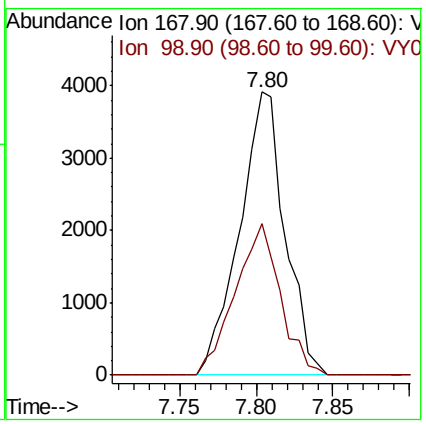


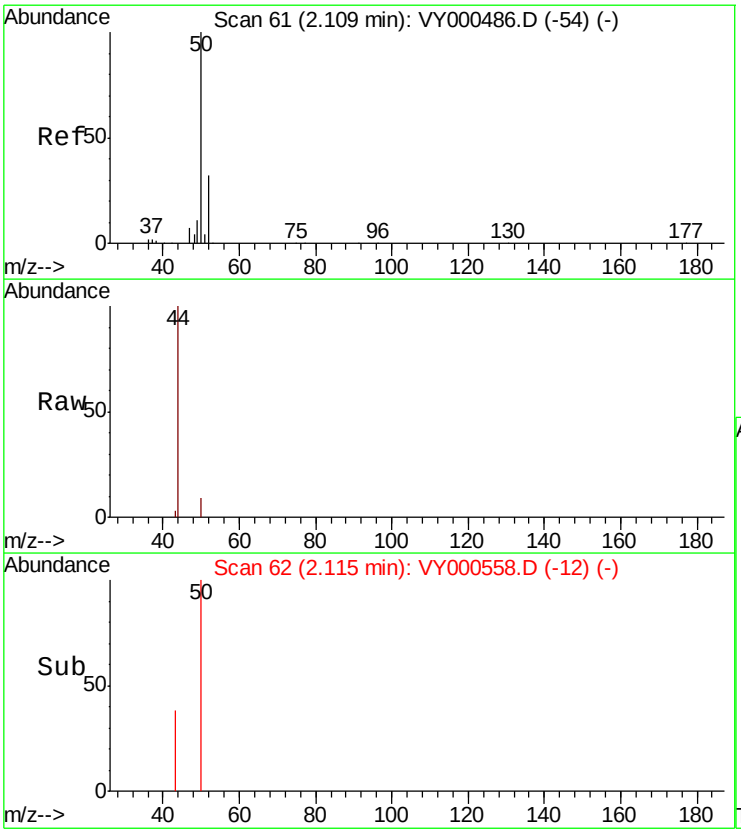
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 995
Delta R.T. 0.00 min
Lab File: VY000558.D
Acq: 06 Nov 2019 17:45

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 8085

Ion	Ratio	Lower	Upper
168	100		
99	53.5	45.7	68.5

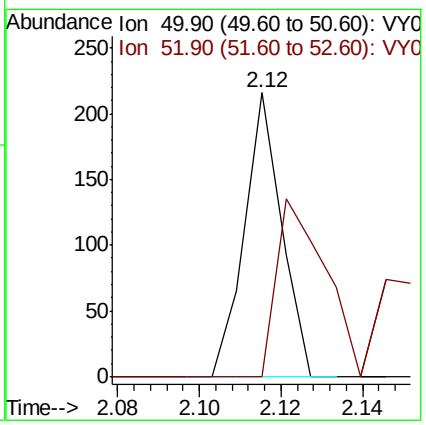


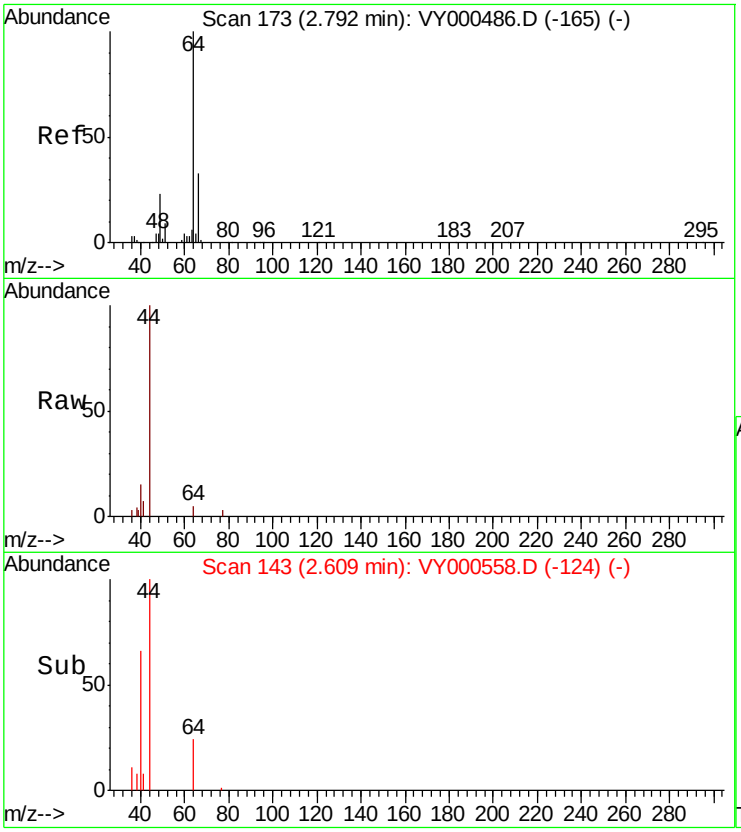


#3
Chloromethane
Concen: 1.240 ug/l
RT: 2.12 min Scan# 62
Delta R.T. 0.01 min
Lab File: VY000558.D
Acq: 06 Nov 2019 17:45

Tgt Ion: 50 Resp: 136

Ion	Ratio	Lower	Upper
50	100		
52	0.0	25.2	37.8#



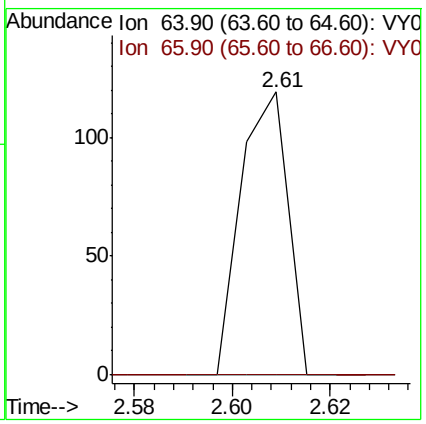


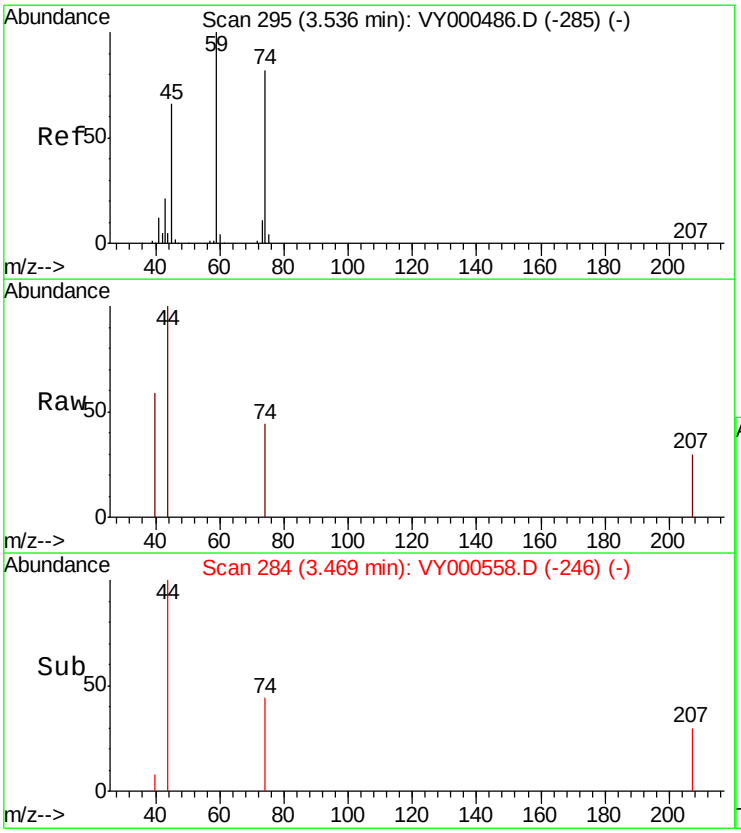
#6
Chloroethane
Concen: 1.240 ug/l
RT: 2.61 min Scan# 143
Delta R.T. -0.18 min
Lab File: VY000558.D
Acq: 06 Nov 2019 17:45

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 64 Resp: 79

Ion	Ratio	Lower	Upper
64	100		
66	0.0	26.6	40.0#

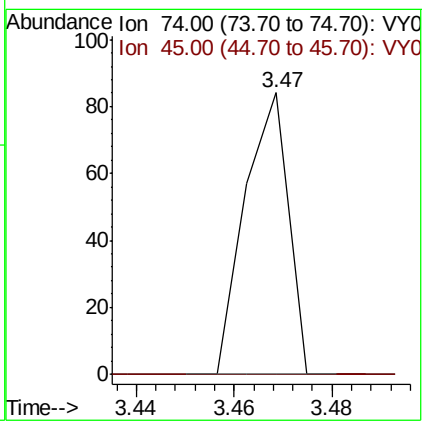


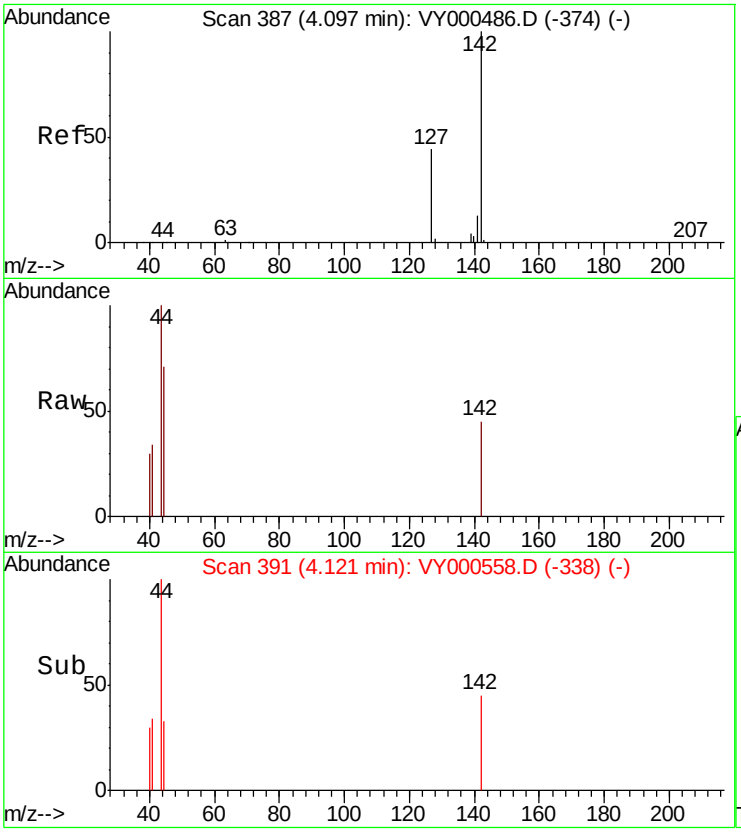


#8
Diethyl Ether
Concen: 1.064 ug/l
RT: 3.47 min Scan# 284
Delta R.T. -0.07 min
Lab File: VY000558.D
Acq: 06 Nov 2019 17:45

Tgt Ion: 74 Resp: 52

Ion	Ratio	Lower	Upper
74	100		
45	0.0	45.5	136.4#



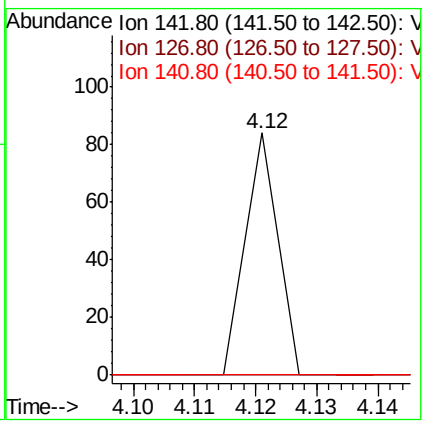


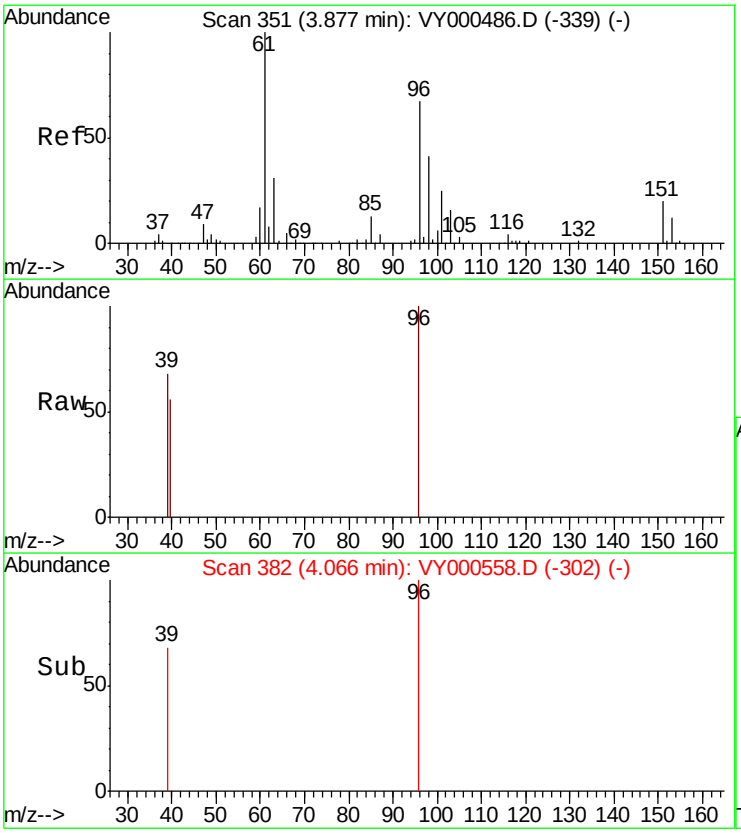
#10
Methyl Iodide
Concen: 3.465 ug/l
RT: 4.12 min Scan# 391
Delta R.T. 0.02 min
Lab File: VY000558.D
Acq: 06 Nov 2019 17:45

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion:142 Resp: 31

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

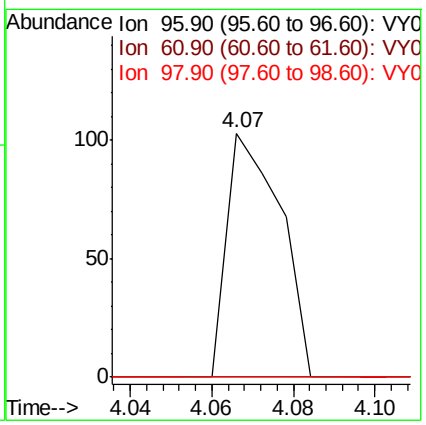


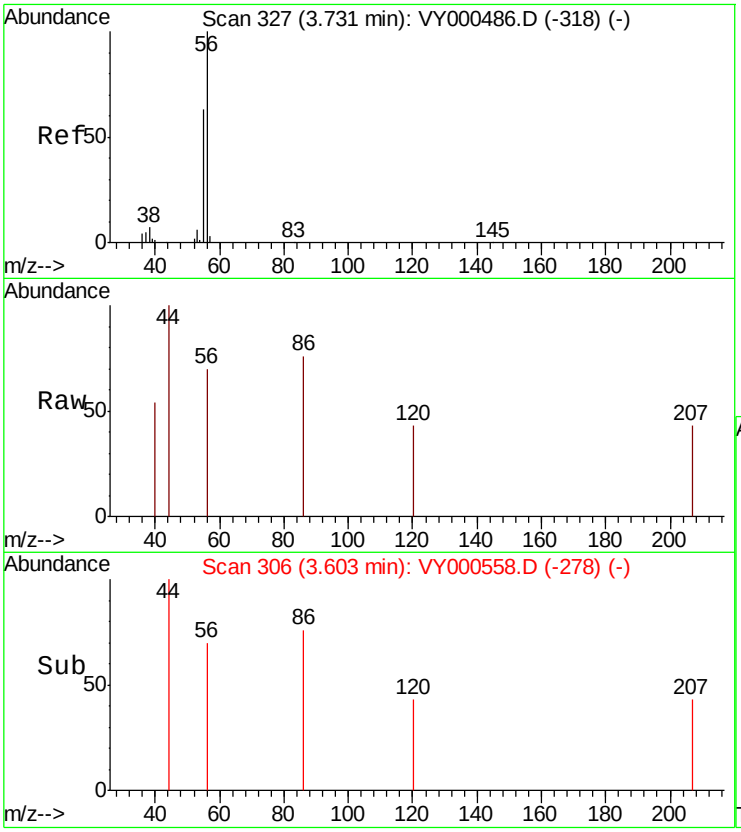


#12
1,1-Dichloroethene
Concen: 1.164 ug/l
RT: 4.07 min Scan# 382
Delta R.T. 0.19 min
Lab File: VY000558.D
Acq: 06 Nov 2019 17:45

Tgt Ion: 96 Resp: 94

Ion	Ratio	Lower	Upper
96	100		
61	0.0	119.2	178.8#
98	0.0	48.6	73.0#



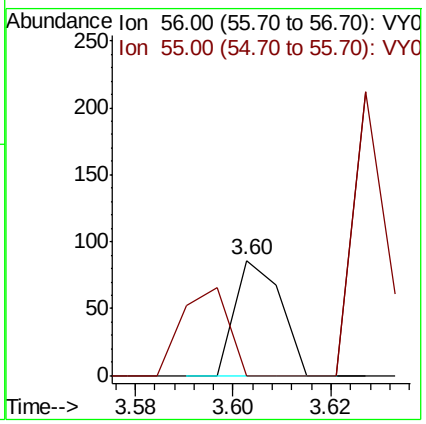


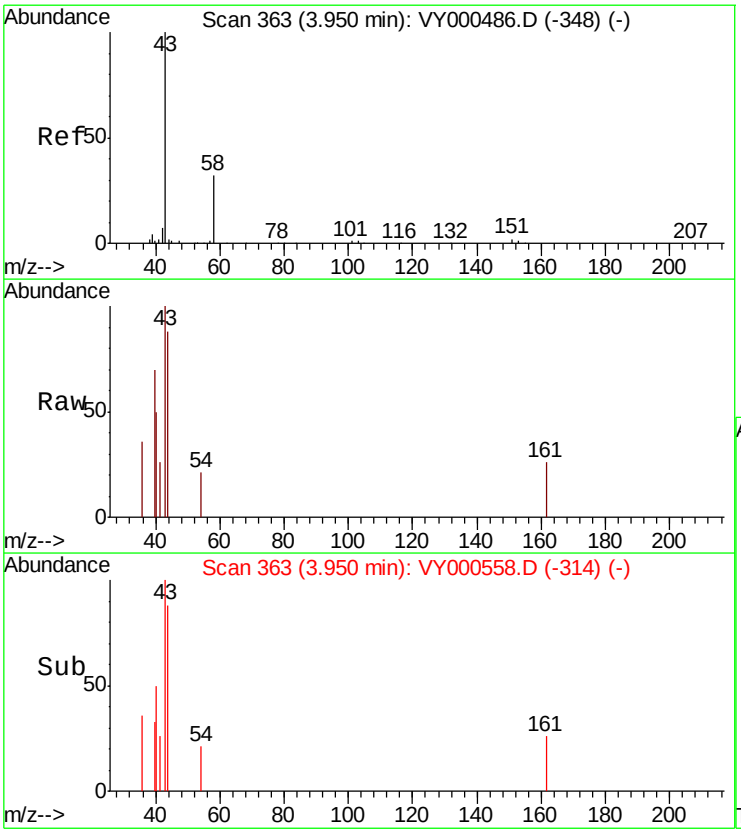
#13
Acrolein
Concen: 7.893 ug/l
RT: 3.60 min Scan# 306
Delta R.T. -0.13 min
Lab File: VY000558.D
Acq: 06 Nov 2019 17:45

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 56 Resp: 56

Ion	Ratio	Lower	Upper
56	100		
55	76.8	57.0	85.6

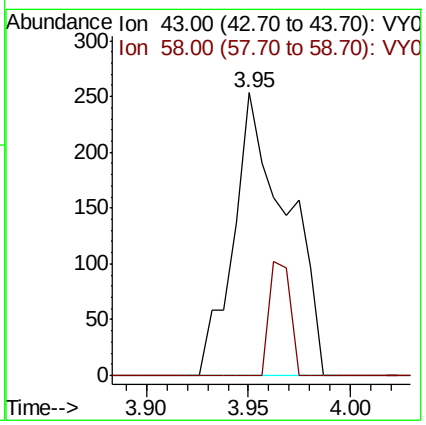


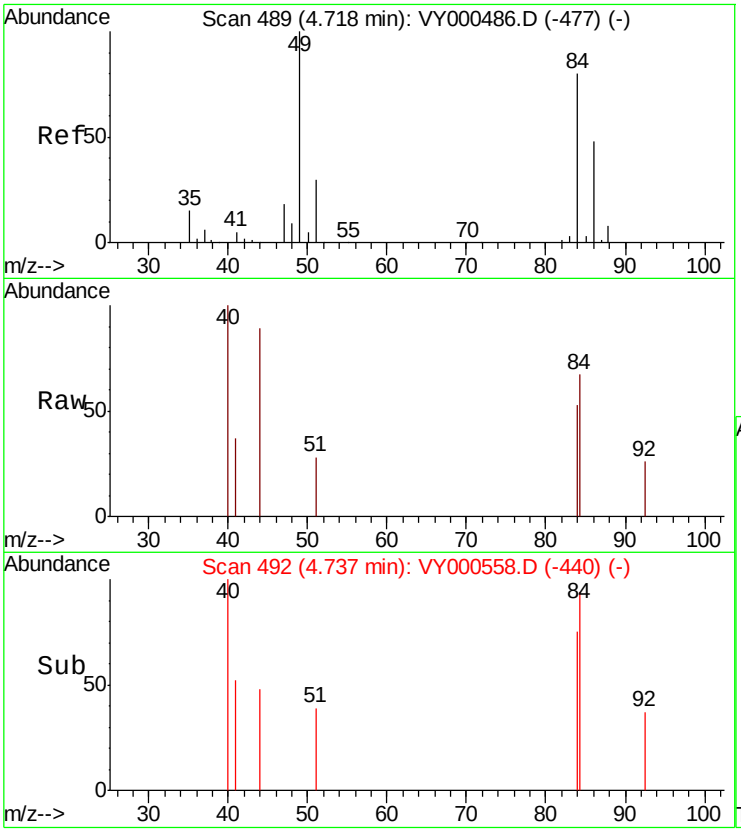


#16
Acetone
Concen: 19.861 ug/l
RT: 3.95 min Scan# 363
Delta R.T. 0.00 min
Lab File: VY000558.D
Acq: 06 Nov 2019 17:45

Tgt Ion: 43 Resp: 458

Ion	Ratio	Lower	Upper
43	100		
58	0.0	25.8	38.6#



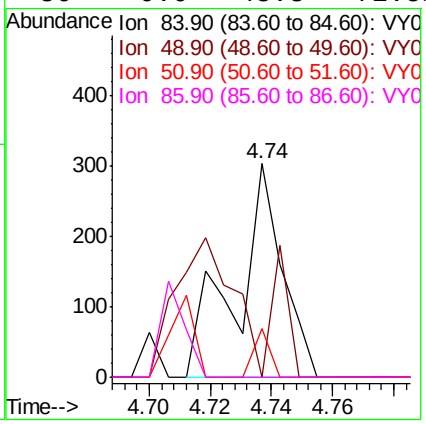


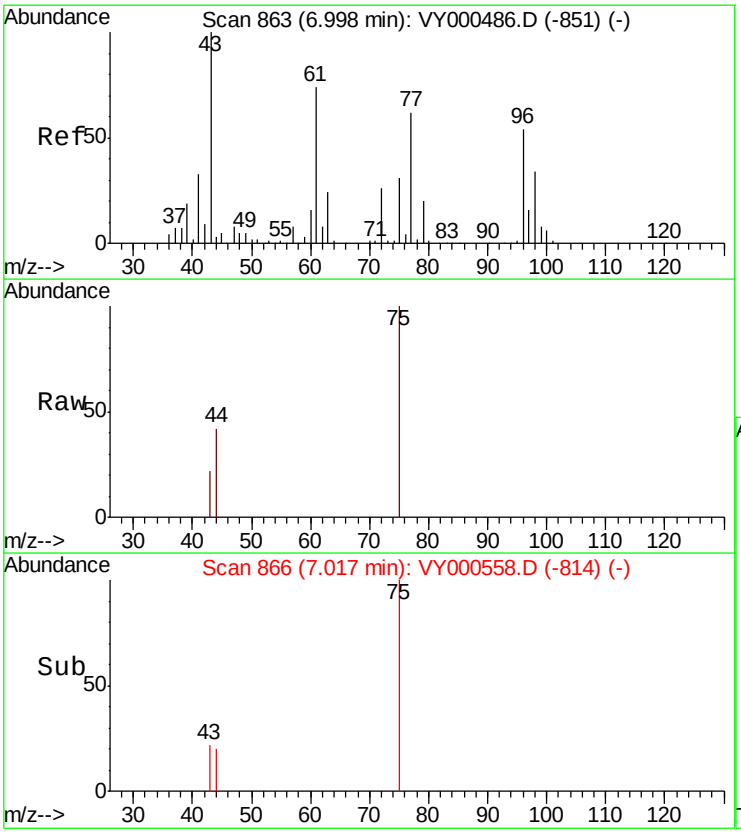
#20
Methylene Chloride
Concen: 3.218 ug/l
RT: 4.74 min Scan# 492
Delta R.T. 0.02 min
Lab File: VY000558.D
Acq: 06 Nov 2019 17:45

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 84 Resp: 318

Ion	Ratio	Lower	Upper
84	100		
49	0.0	100.2	150.4#
51	23.1	29.6	44.4#
86	0.0	48.3	72.5#

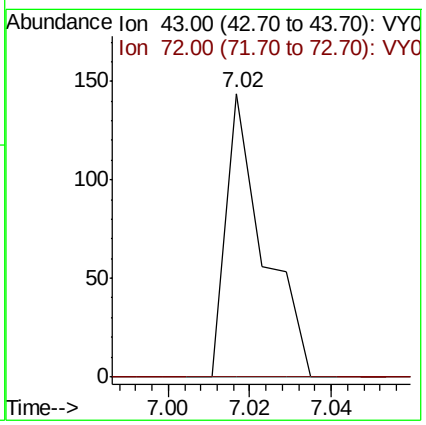


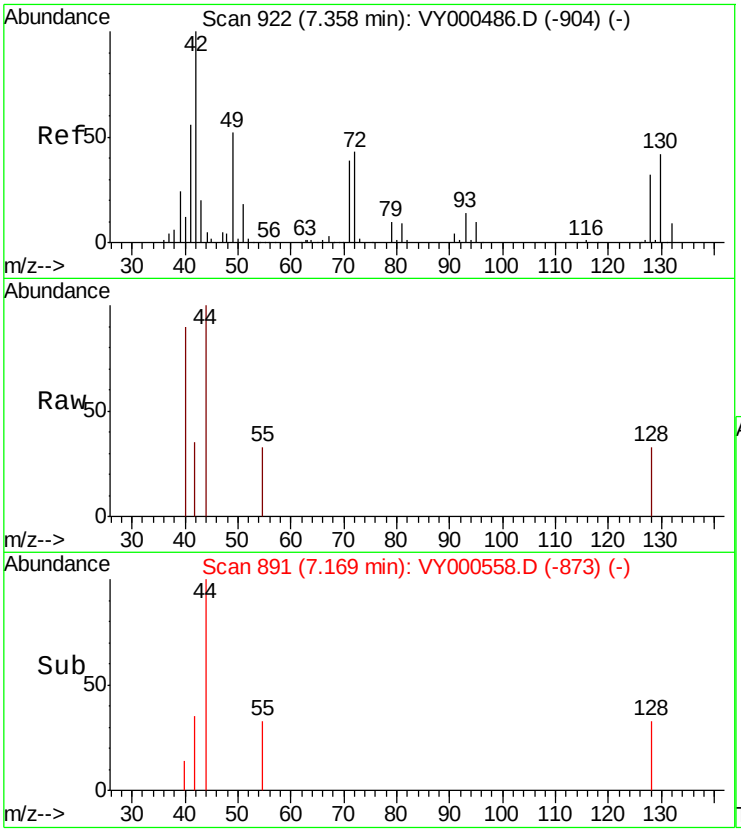


#25
2-Butanone
Concen: 2.527 ug/l
RT: 7.02 min Scan# 866
Delta R.T. 0.02 min
Lab File: VY000558.D
Acq: 06 Nov 2019 17:45

Tgt Ion: 43 Resp: 93

Ion	Ratio	Lower	Upper
43	100		
72	0.0	20.9	31.3#



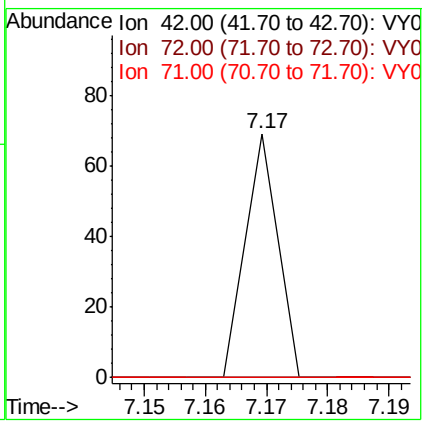


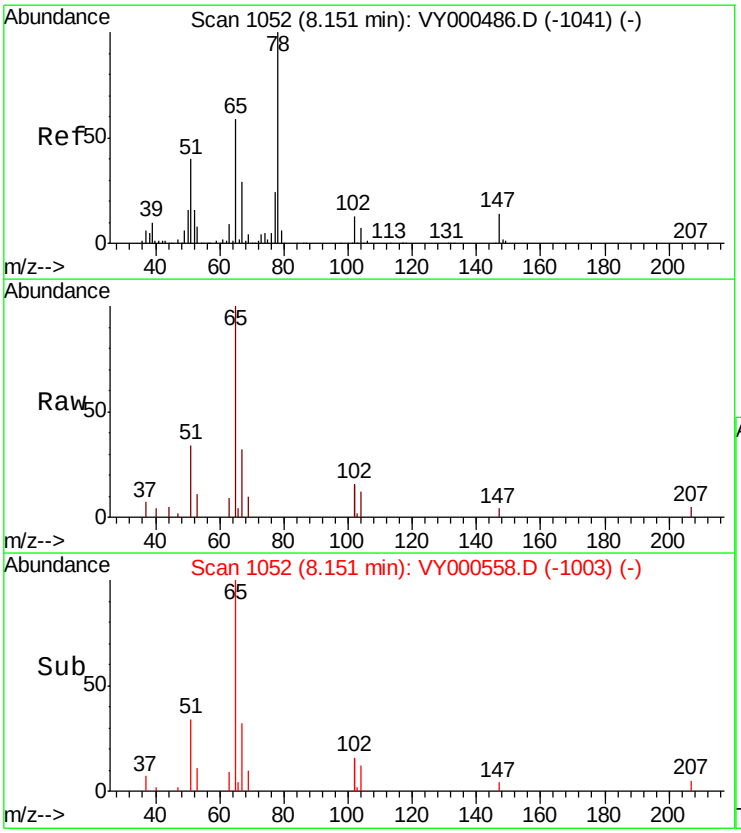
#29
Tetrahydrofuran
Concen: 1.110 ug/l
RT: 7.17 min Scan# 891
Delta R.T. -0.19 min
Lab File: VY000558.D
Acq: 06 Nov 2019 17:45

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 42 Resp: 25

Ion	Ratio	Lower	Upper
42	100		
72	0.0	34.0	51.0#
71	0.0	30.8	46.2#

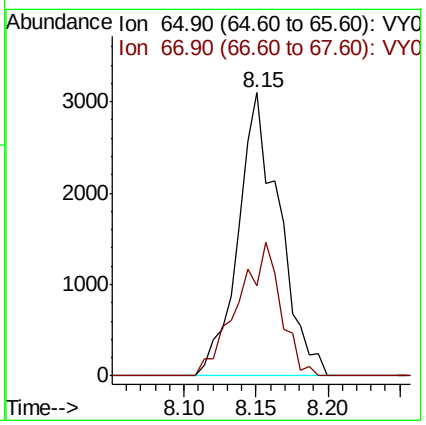


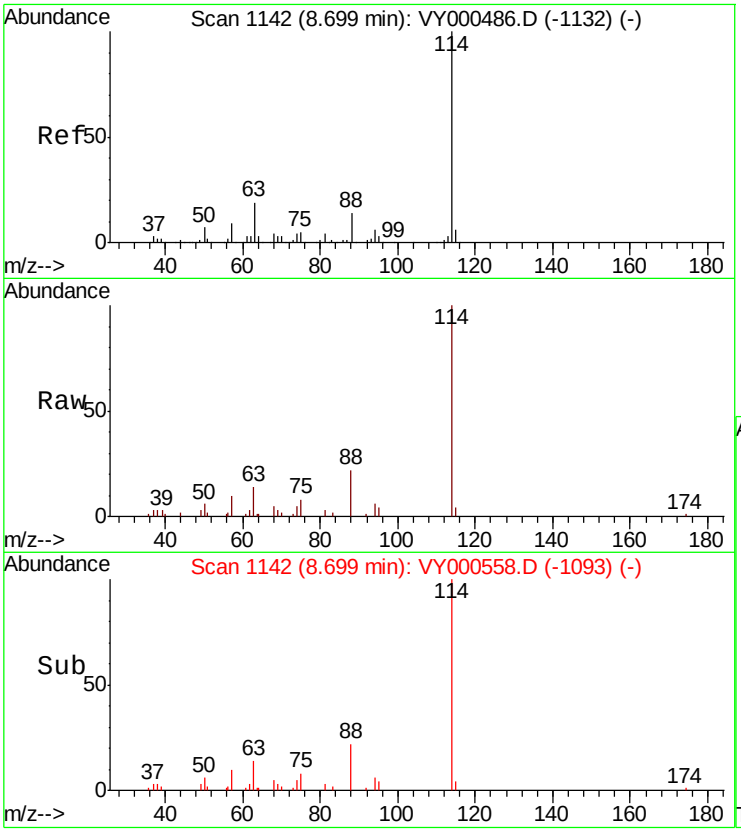


#33
1,2-Dichloroethane-d4
Concen: 73.432 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VY000558.D
Acq: 06 Nov 2019 17:45

Tgt Ion: 65 Resp: 6144

Ion	Ratio	Lower	Upper
65	100		
67	49.0	0.0	107.2



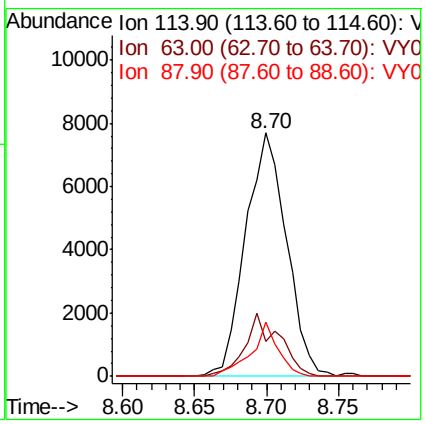


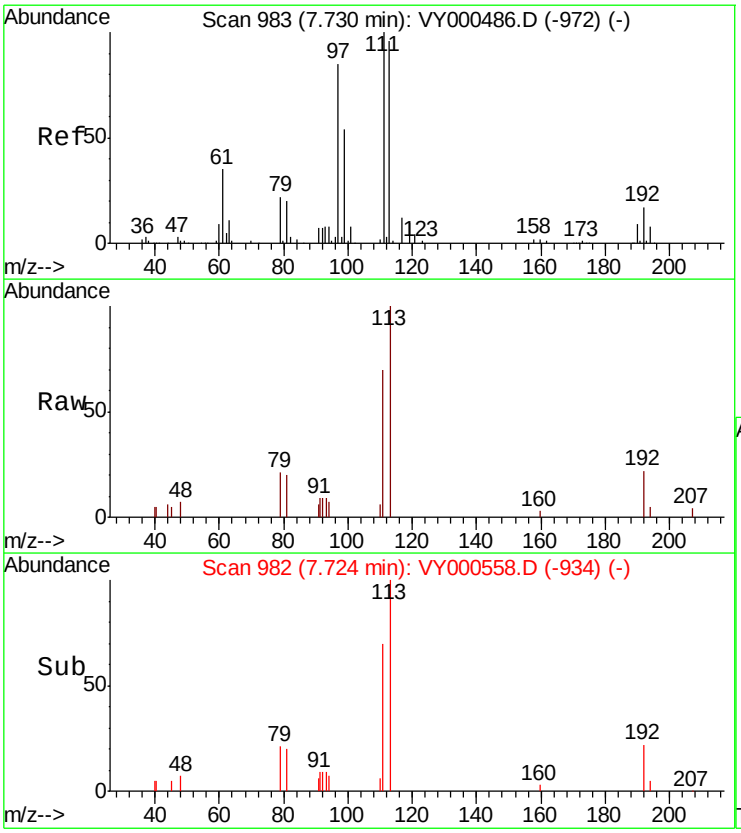
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.70 min Scan# 1142
Delta R.T. 0.00 min
Lab File: VY000558.D
Acq: 06 Nov 2019 17:45

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:114 Resp: 15138

Ion	Ratio	Lower	Upper
114	100		
63	14.5	0.0	38.0
88	22.4	0.0	28.6

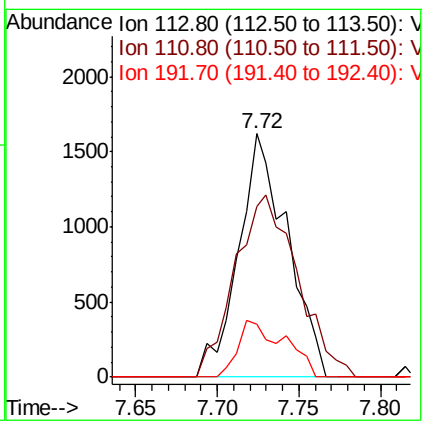


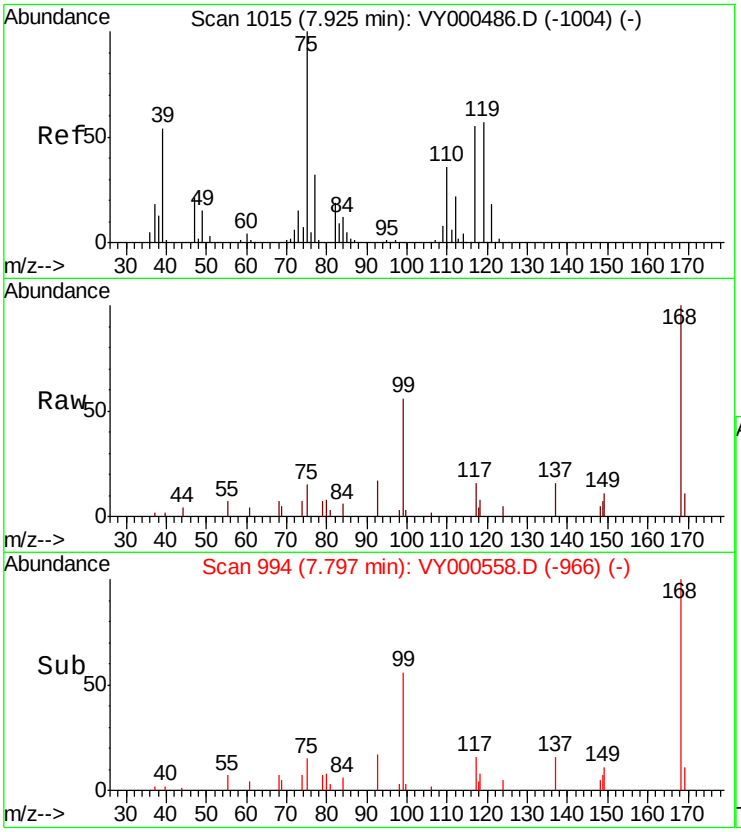


#35
Dibromofluoromethane
Concen: 37.853 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.01 min
Lab File: VY000558.D
Acq: 06 Nov 2019 17:45

Tgt Ion:113 Resp: 3364

Ion	Ratio	Lower	Upper
113	100		
111	95.4	81.7	122.5
192	21.8	15.0	22.4



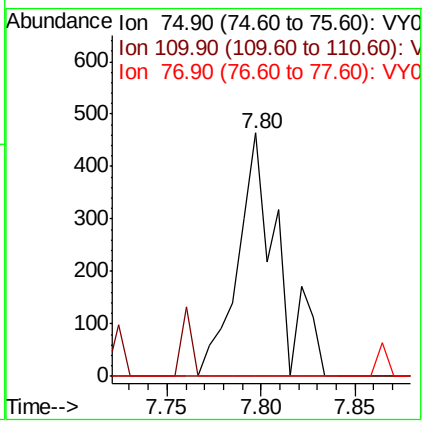


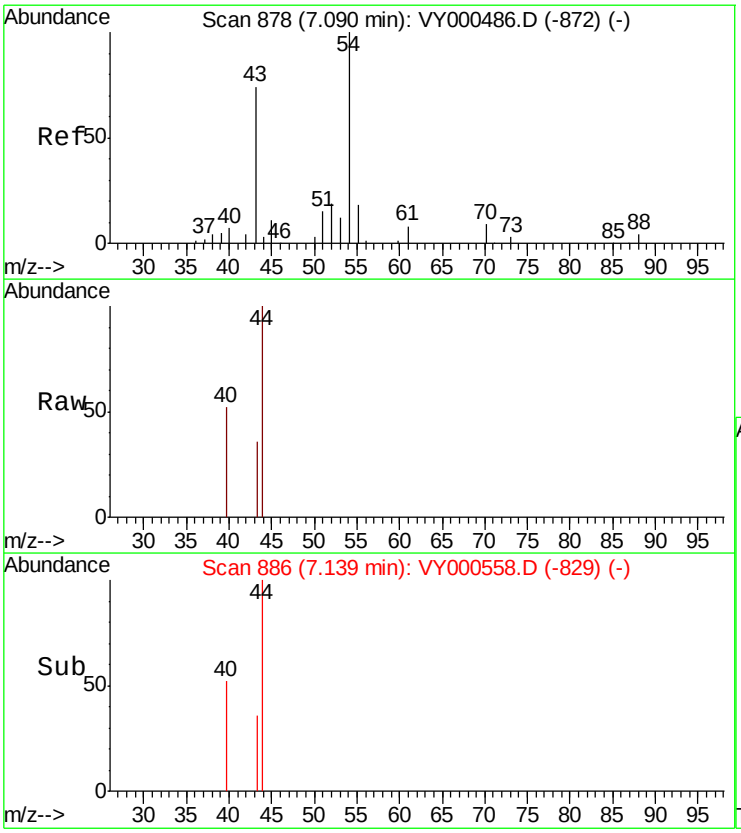
#36
1,1-Dichloropropene
Concen: 4.794 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.13 min
Lab File: VY000558.D
Acq: 06 Nov 2019 17:45

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 686

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

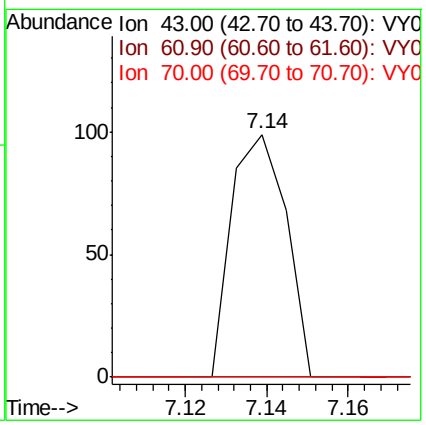


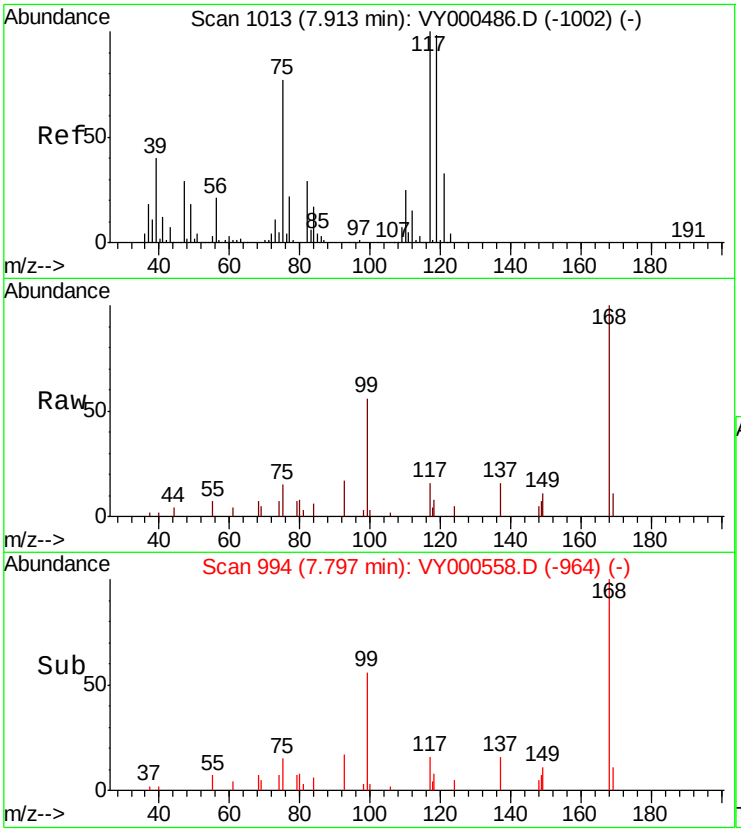


#37
Ethyl Acetate
Concen: 1.083 ug/l
RT: 7.14 min Scan# 886
Delta R.T. 0.05 min
Lab File: VY000558.D
Acq: 06 Nov 2019 17:45

Tgt Ion: 43 Resp: 92

Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.2	15.2#
70	0.0	7.8	11.8#



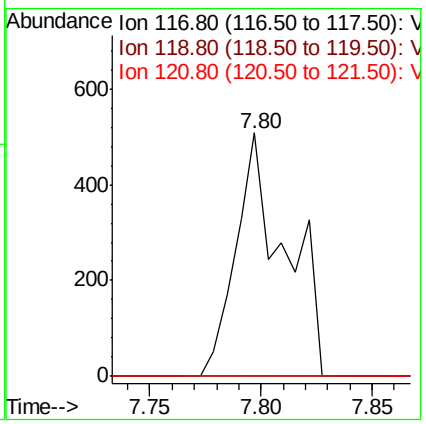


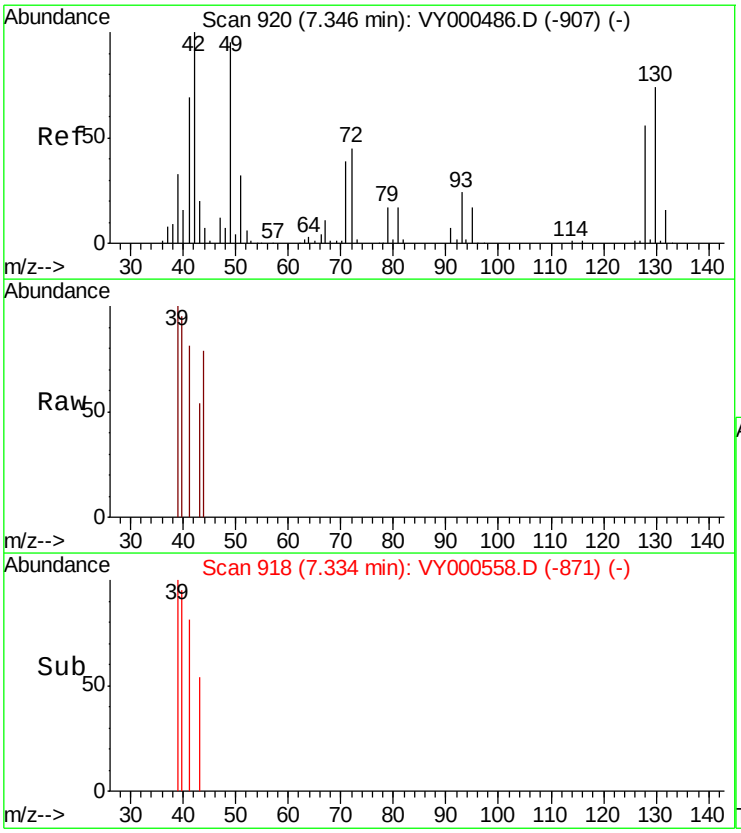
#38
Carbon Tetrachloride
Concen: 5.650 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.12 min
Lab File: VY000558.D
Acq: 06 Nov 2019 17:45

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 778

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

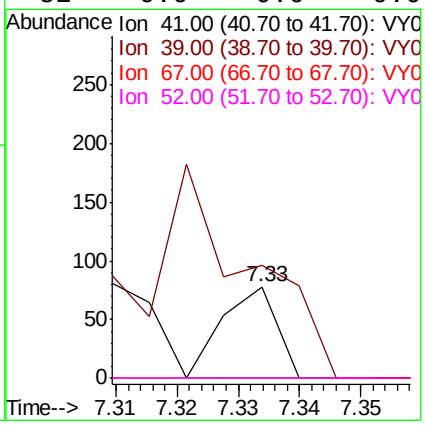


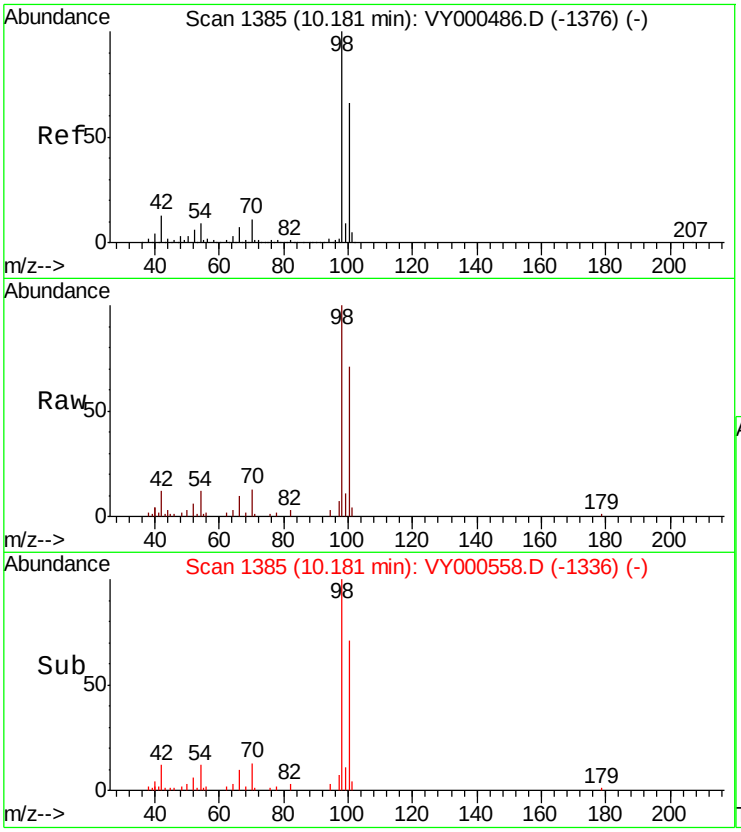


#41
Methacrylonitrile
Concen: 1.013 ug/l
RT: 7.33 min Scan# 918
Delta R.T. -0.01 min
Lab File: VY000558.D
Acq: 06 Nov 2019 17:45

Tgt Ion: 41 Resp: 48

Ion	Ratio	Lower	Upper
41	100		
39	443.8	68.2	102.4#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



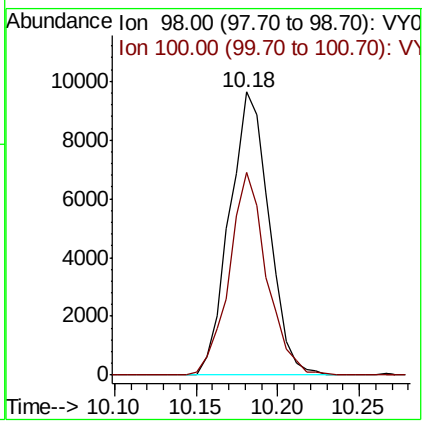


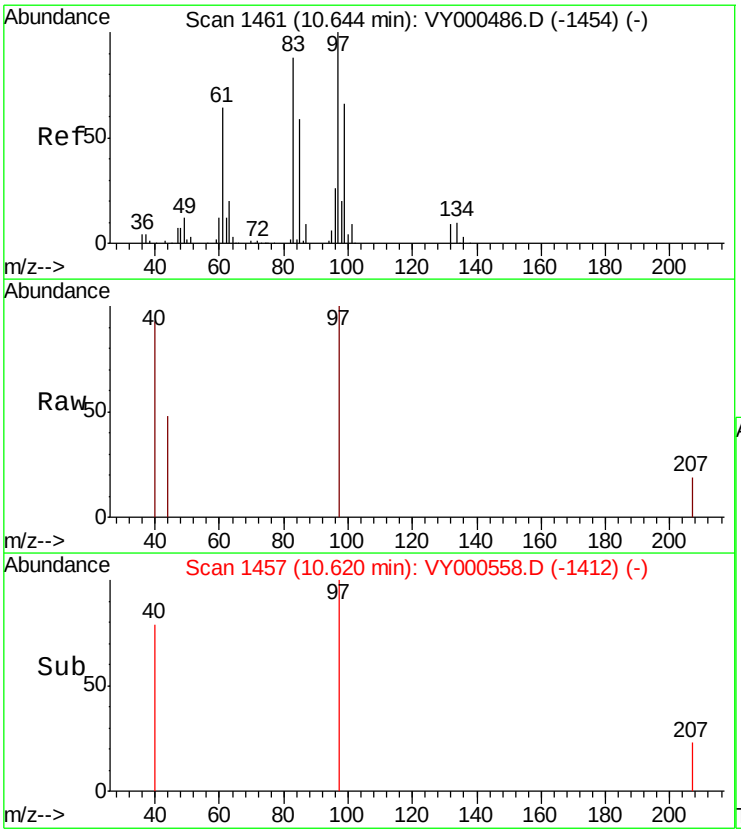
#50
Toluene-d8
Concen: 48.337 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY000558.D
Acq: 06 Nov 2019 17:45

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 98 Resp: 16300

Ion	Ratio	Lower	Upper
98	100		
100	67.6	52.9	79.3

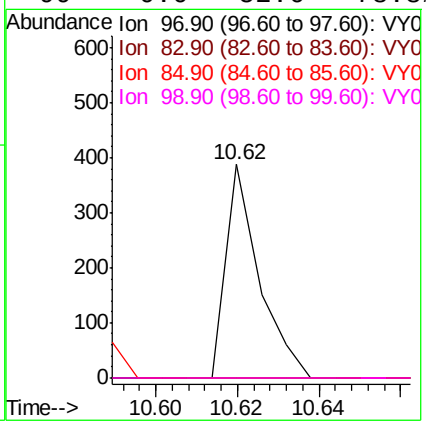


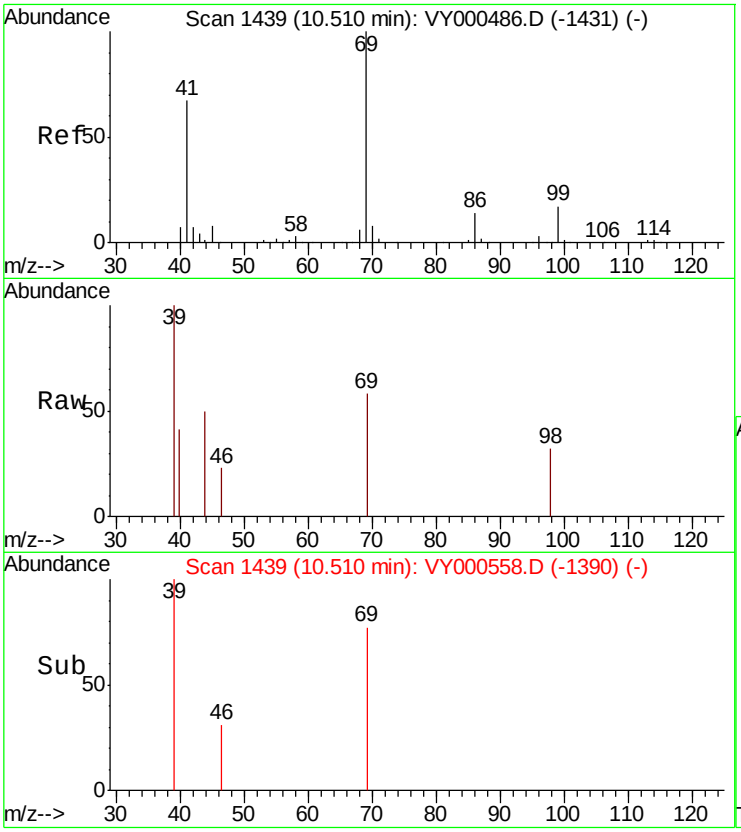


#55
1,1,2-Trichloroethane
Concen: 2.666 ug/l
RT: 10.62 min Scan# 1457
Delta R.T. -0.02 min
Lab File: VY000558.D
Acq: 06 Nov 2019 17:45

Tgt Ion: 97 Resp: 219

Ion	Ratio	Lower	Upper
97	100		
83	0.0	70.2	105.4#
85	0.0	46.9	70.3#
99	0.0	52.6	78.8#



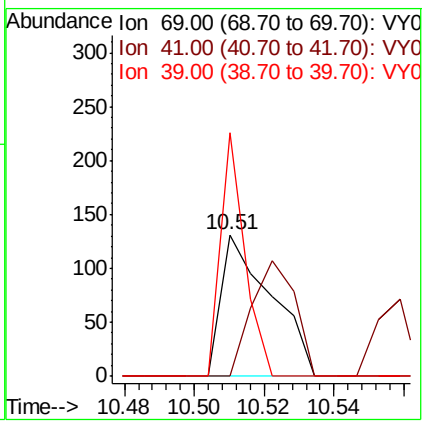


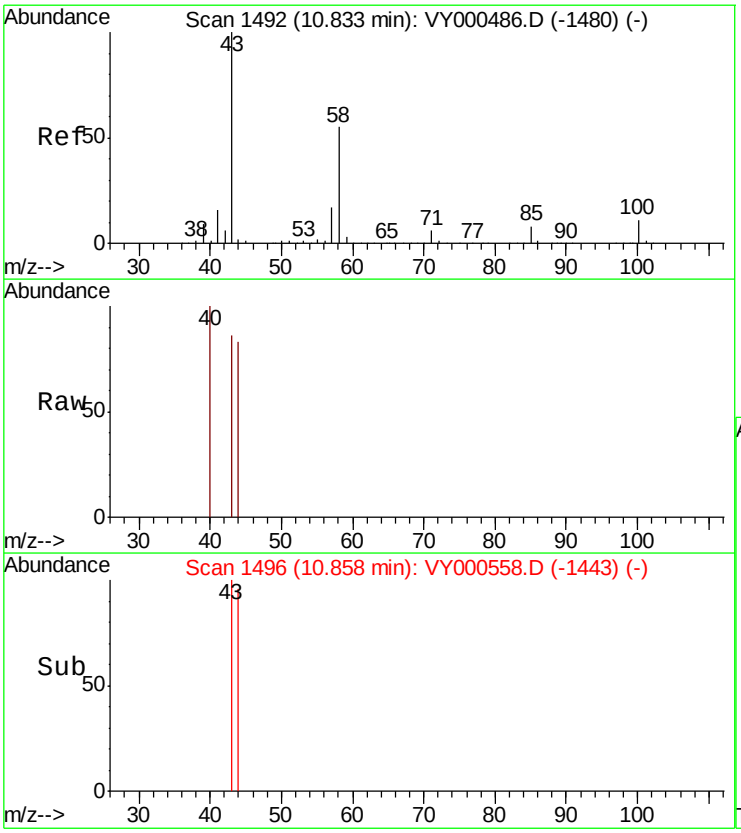
#56
Ethyl methacrylate
Concen: 1.117 ug/l
RT: 10.51 min Scan# 1439
Delta R.T. 0.00 min
Lab File: VY000558.D
Acq: 06 Nov 2019 17:45

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 69 Resp: 130

Ion	Ratio	Lower	Upper
69	100		
41	70.0	53.3	79.9
39	83.8	28.0	42.0#

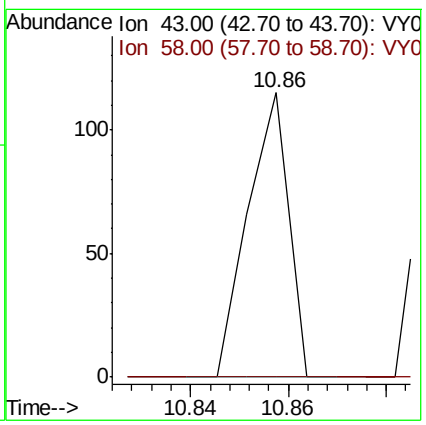


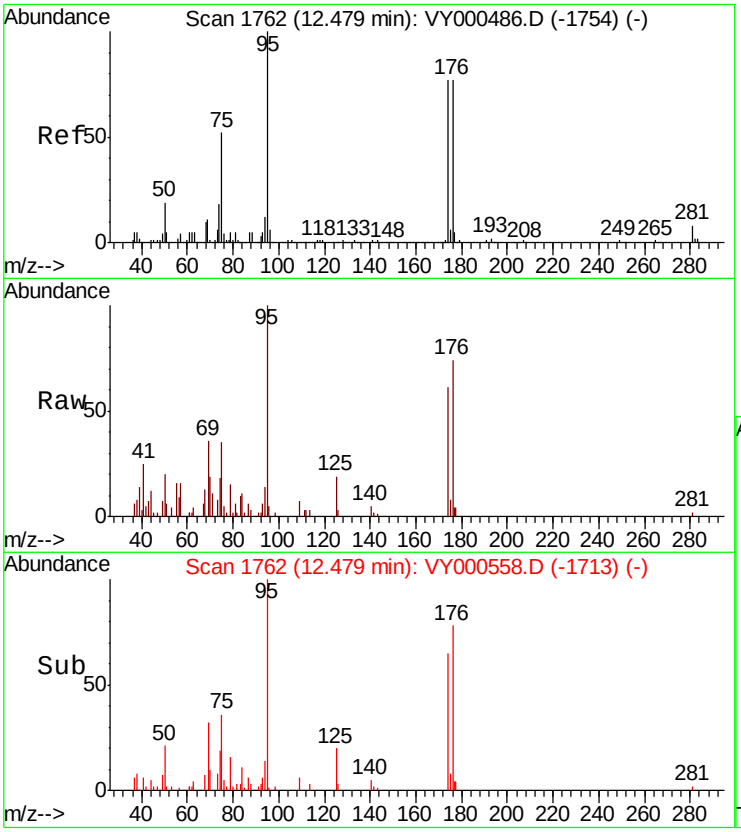


#59
2-Hexanone
Concen: 1.068 ug/l
RT: 10.86 min Scan# 1496
Delta R.T. 0.02 min
Lab File: VY000558.D
Acq: 06 Nov 2019 17:45

Tgt Ion: 43 Resp: 66

Ion	Ratio	Lower	Upper
43	100		
58	0.0	27.1	81.3#



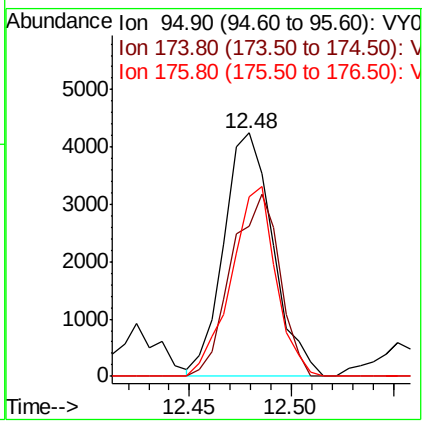


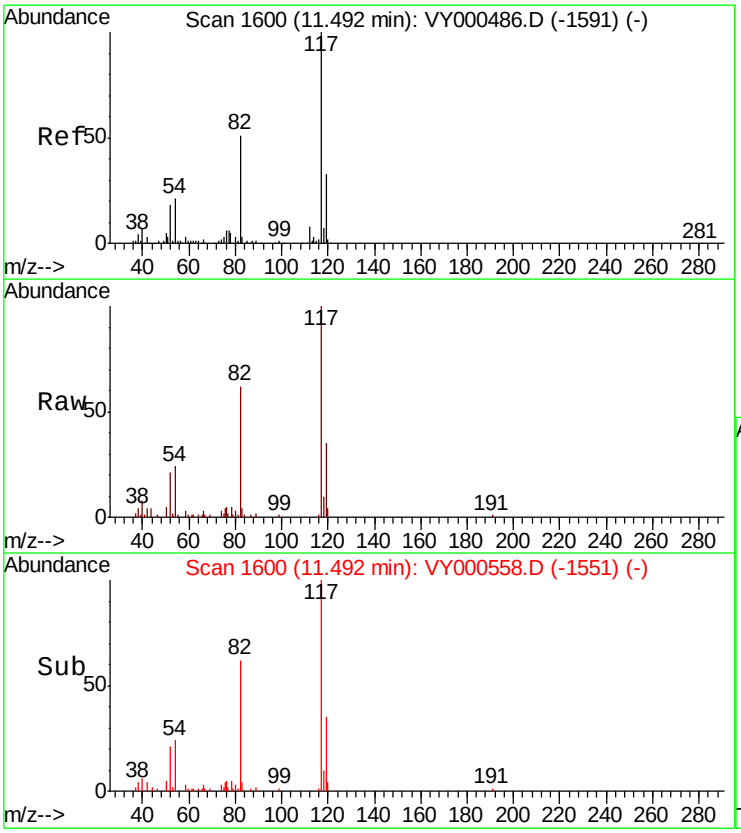
#62
4-Bromofluorobenzene
Concen: 55.338 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY000558.D
Acq: 06 Nov 2019 17:45

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 95 Resp: 7104

Ion	Ratio	Lower	Upper
95	100		
174	73.3	0.0	161.6
176	70.8	0.0	157.8

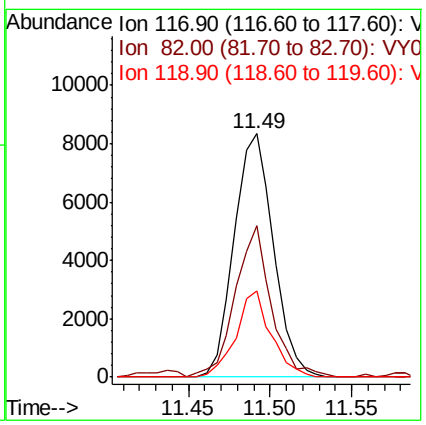


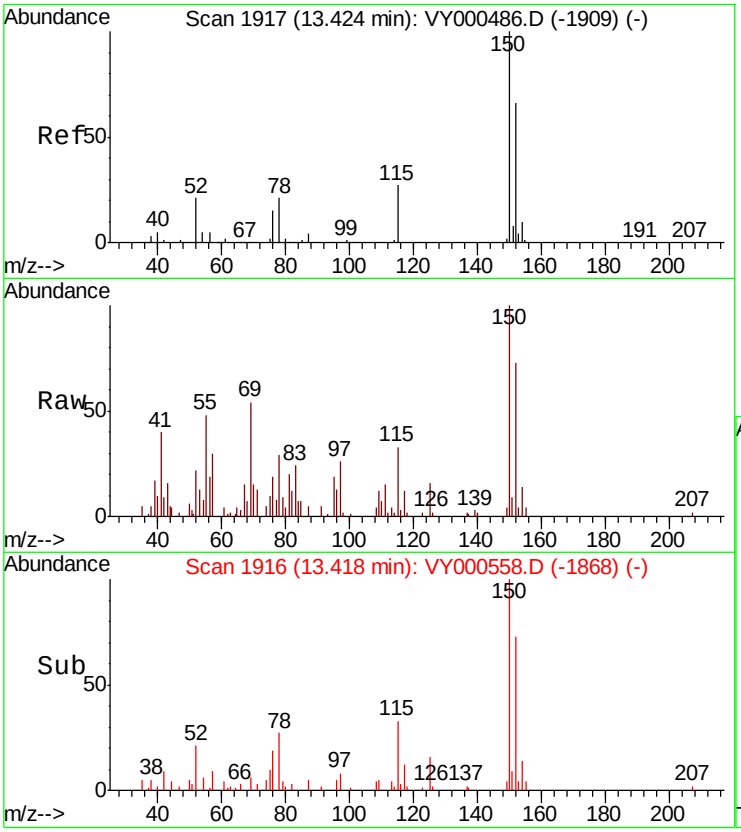


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000558.D
Acq: 06 Nov 2019 17:45

Tgt Ion:117 Resp: 13944

Ion	Ratio	Lower	Upper
117	100		
82	62.0	40.8	61.2#
119	35.3	26.2	39.2



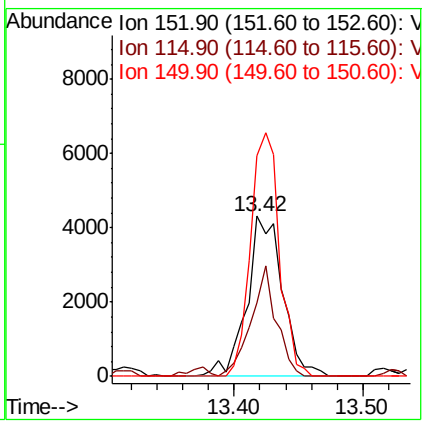


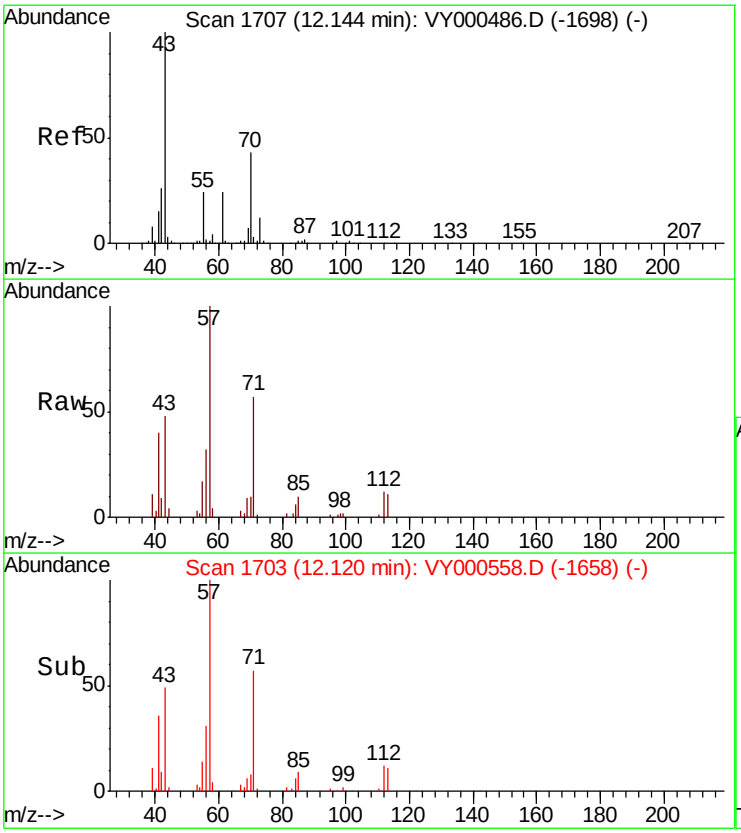
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1916
Delta R.T. -0.01 min
Lab File: VY000558.D
Acq: 06 Nov 2019 17:45

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:152 Resp: 8204

Ion	Ratio	Lower	Upper
152	100		
115	49.0	29.1	87.4
150	122.5	0.0	348.8

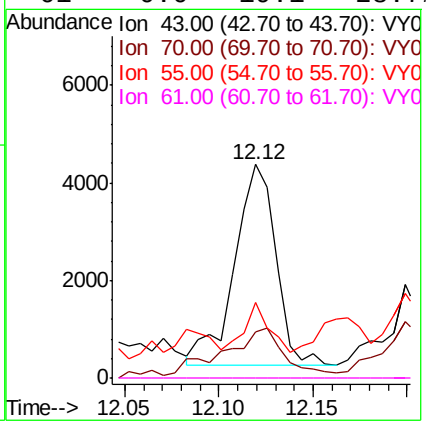


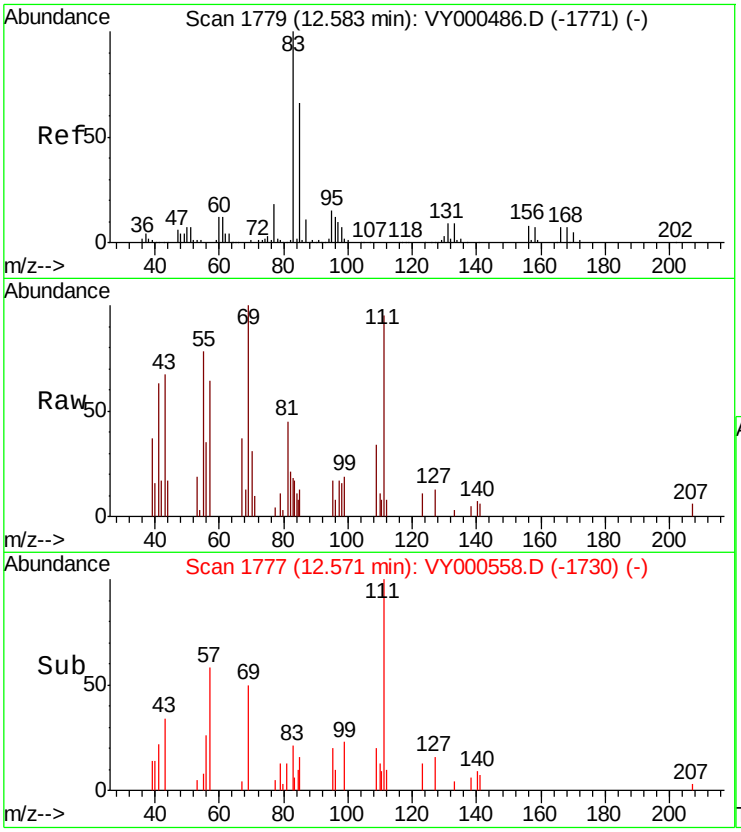


#74
N-amyl acetate
Concen: 36.043 ug/l
RT: 12.12 min Scan# 1703
Delta R.T. -0.02 min
Lab File: VY000558.D
Acq: 06 Nov 2019 17:45

Tgt Ion: 43 Resp: 6259

Ion	Ratio	Lower	Upper
43	100		
70	30.7	33.1	49.7#
55	14.5	18.0	27.0#
61	0.0	19.1	28.7#



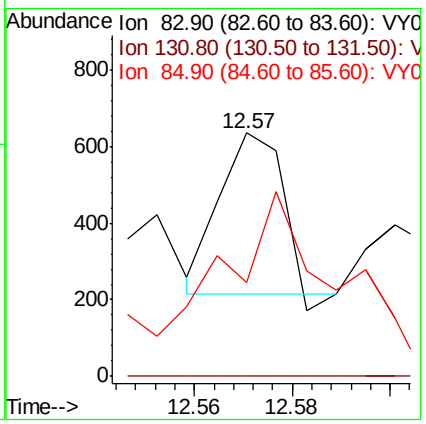


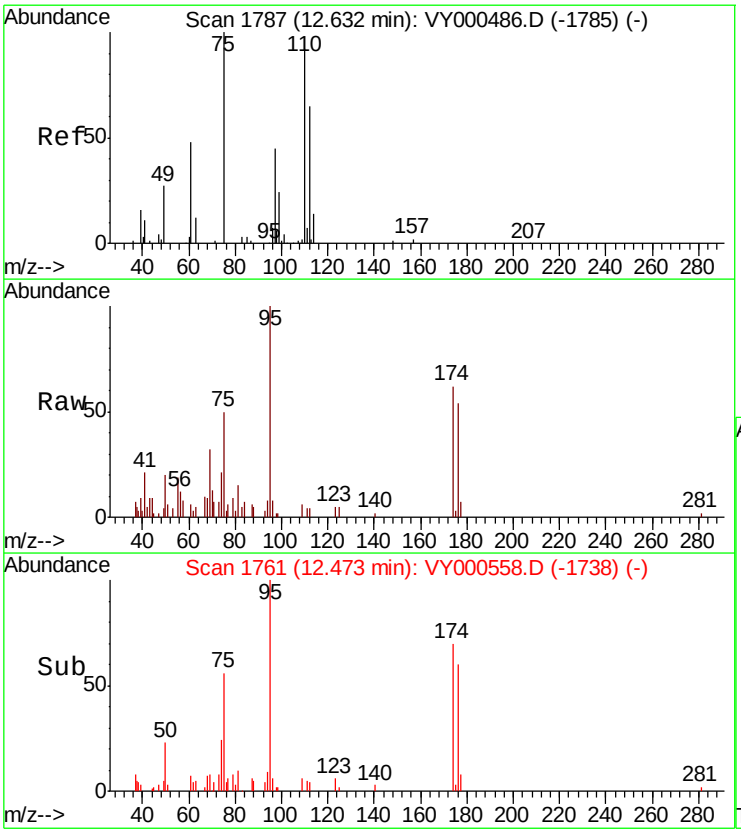
#75
1,1,2,2-Tetrachloroethane
Concen: 3.024 ug/l
RT: 12.57 min Scan# 1777
Delta R.T. -0.01 min
Lab File: VY000558.D
Acq: 06 Nov 2019 17:45

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 83 Resp: 363

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.0	14.9#
85	260.3	32.3	96.9#

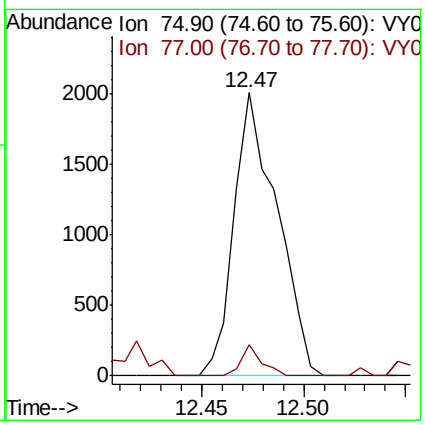


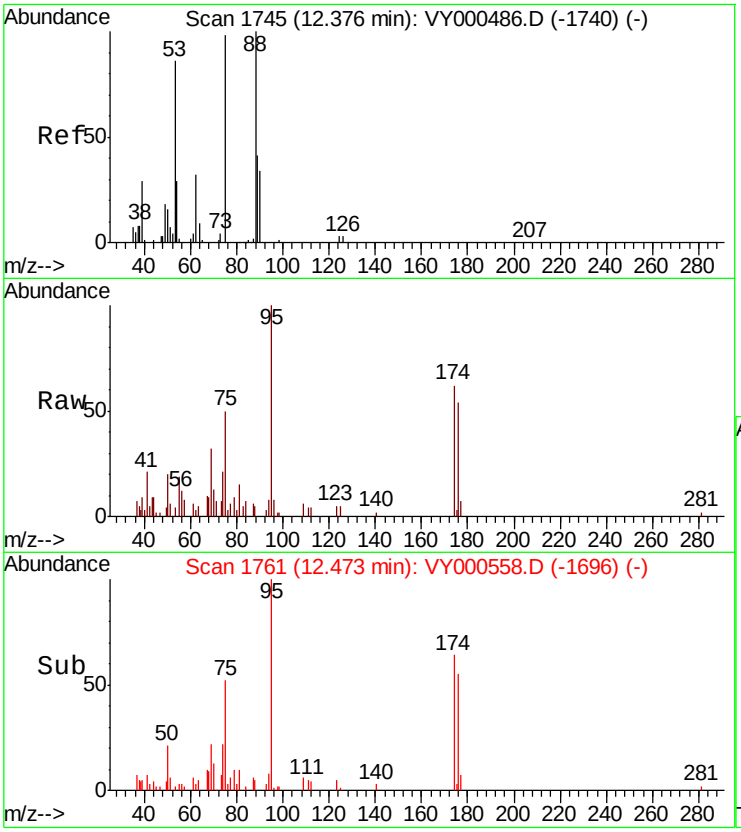


#76
1,2,3-Trichloropropane
Concen: 31.548 ug/l
RT: 12.47 min Scan# 1761
Delta R.T. -0.16 min
Lab File: VY000558.D
Acq: 06 Nov 2019 17:45

Tgt Ion: 75 Resp: 2947

Ion	Ratio	Lower	Upper
75	100		
77	5.2	0.0	0.0#



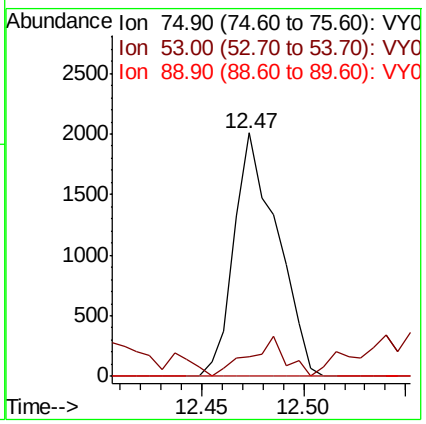


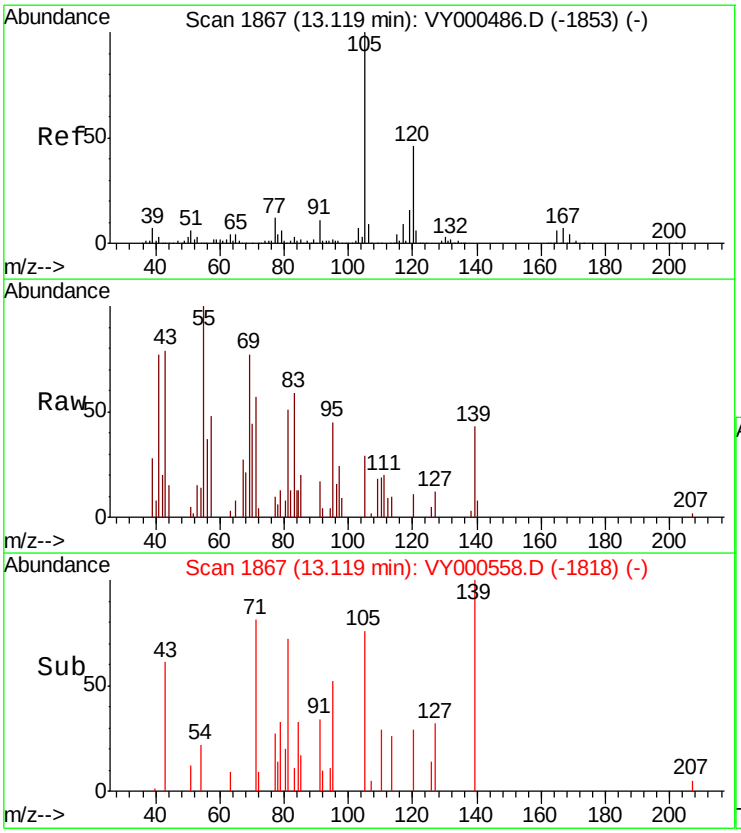
#81
trans-1,4-Dichloro-2-butene
Concen: 70.734 ug/l
RT: 12.47 min Scan# 1761
Delta R.T. 0.10 min
Lab File: VY000558.D
Acq: 06 Nov 2019 17:45

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 2947

Ion	Ratio	Lower	Upper
75	100		
53	13.9	73.2	109.8#
89	0.0	35.9	53.9#

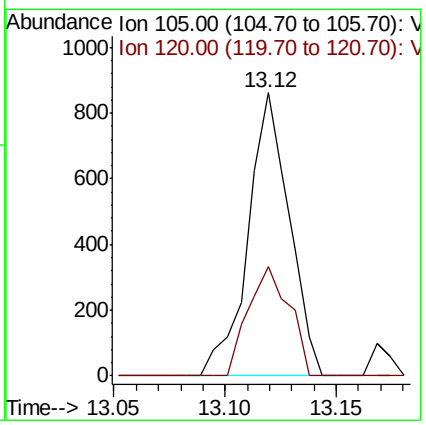


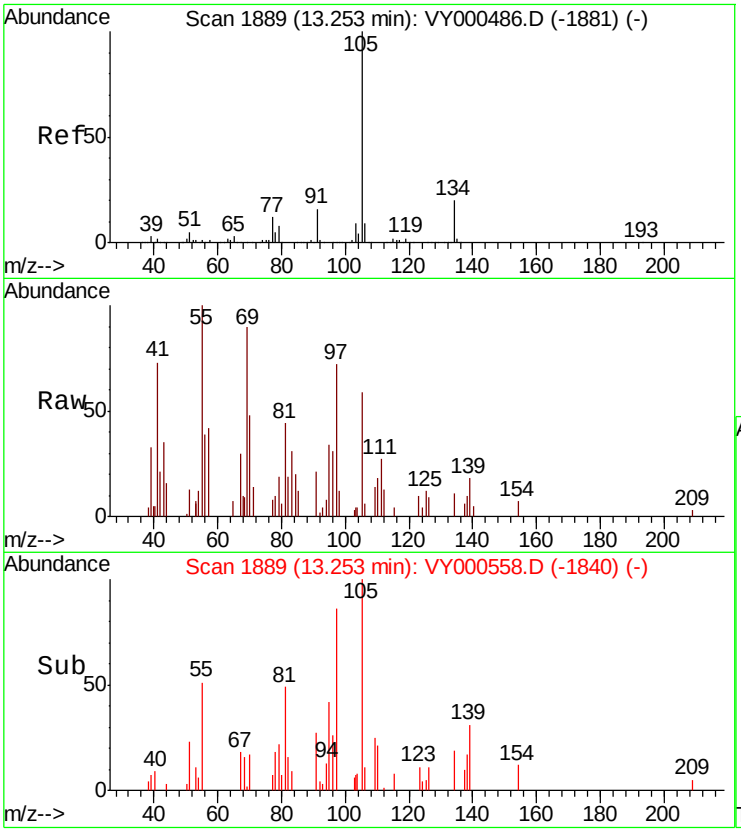


#84
1,2,4-Trimethylbenzene
Concen: 2.210 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY000558.D
Acq: 06 Nov 2019 17:45

Tgt Ion:105 Resp: 1111

Ion	Ratio	Lower	Upper
105	100		
120	38.5	23.3	69.9



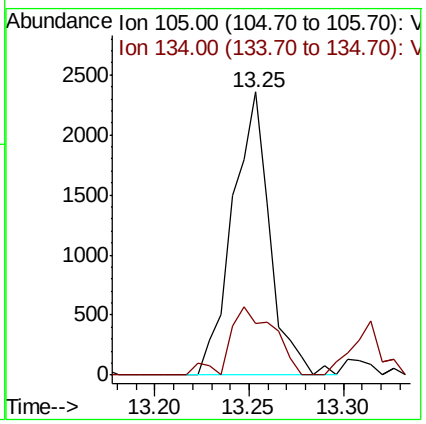


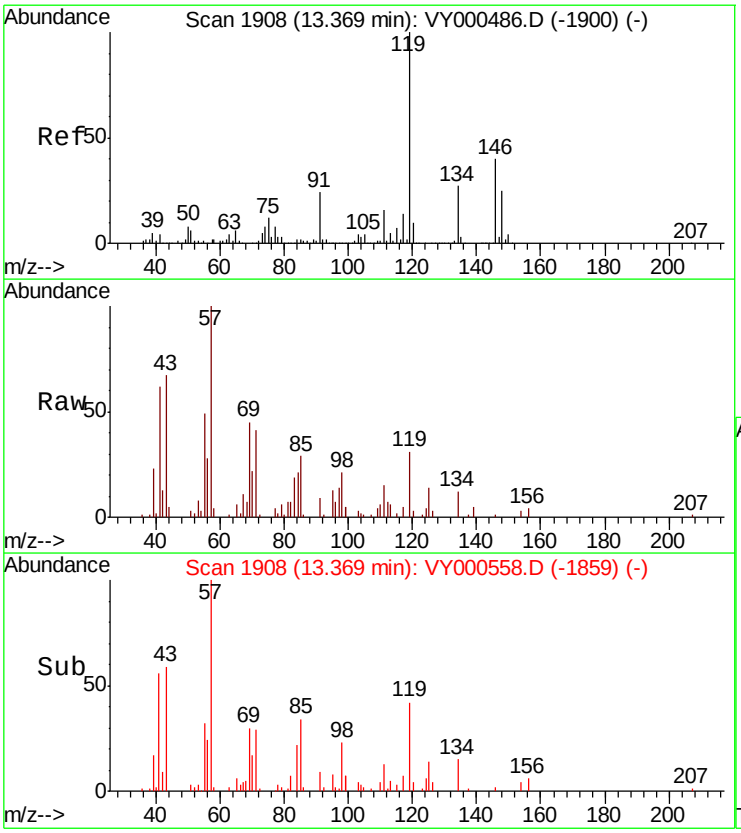
#85
sec-Butylbenzene
Concen: 5.229 ug/l
RT: 13.25 min Scan# 1889
Delta R.T. 0.00 min
Lab File: VY000558.D
Acq: 06 Nov 2019 17:45

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:105 Resp: 3212

Ion	Ratio	Lower	Upper
105	100		
134	28.8	10.1	30.1

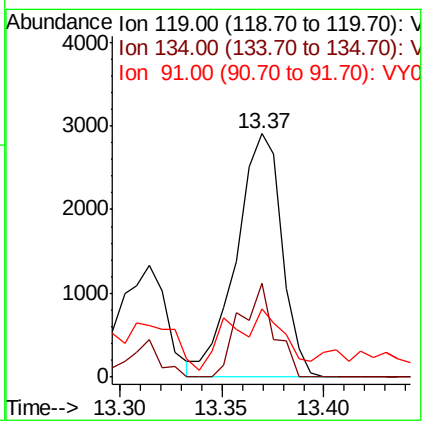


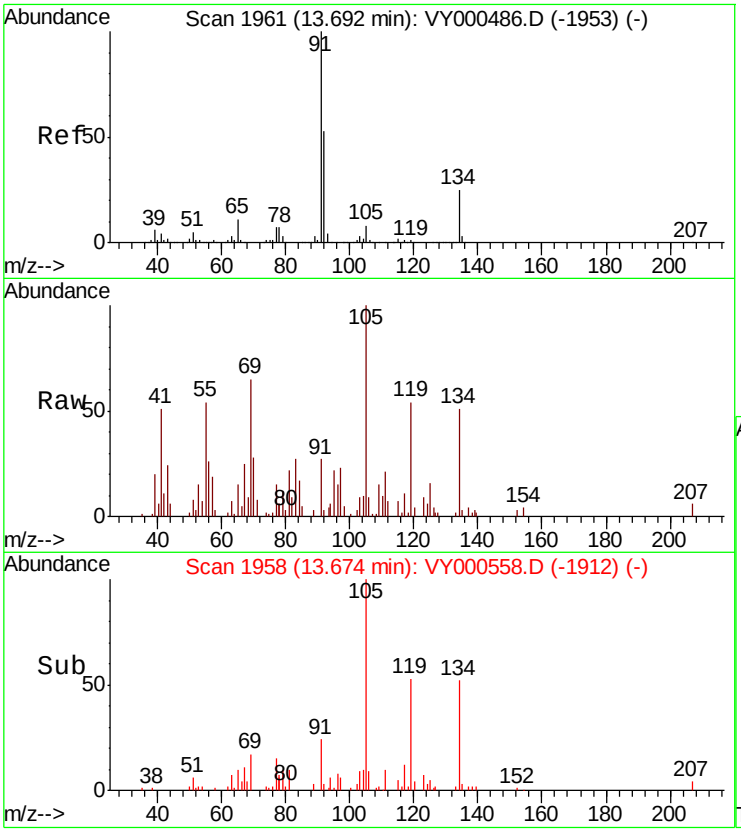


#86
p-Isopropyltoluene
Concen: 8.245 ug/l
RT: 13.37 min Scan# 1908
Delta R.T. 0.00 min
Lab File: VY000558.D
Acq: 06 Nov 2019 17:45

Tgt Ion:119 Resp: 4514

Ion	Ratio	Lower	Upper
119	100		
134	29.1	13.6	40.8
91	30.5	12.0	36.1



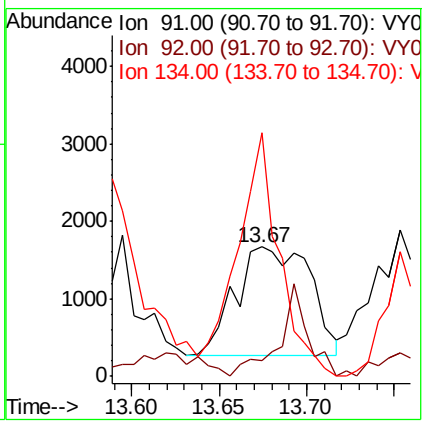


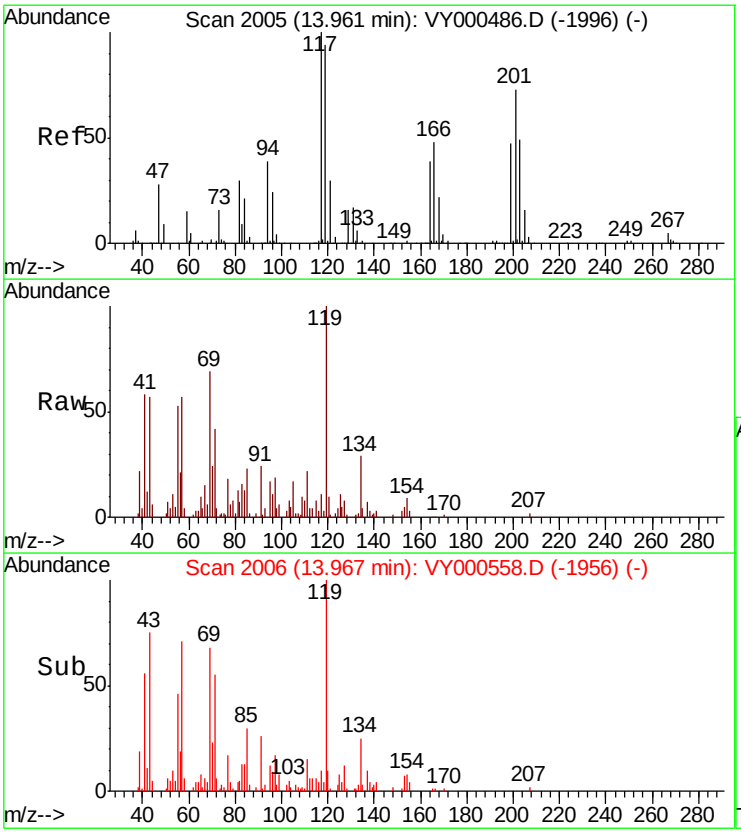
#89
n-Butylbenzene
Concen: 7.759 ug/l
RT: 13.67 min Scan# 1958
Delta R.T. -0.02 min
Lab File: VY000558.D
Acq: 06 Nov 2019 17:45

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 91 Resp: 4190

Ion	Ratio	Lower	Upper
91	100		
92	32.8	26.8	80.3
134	126.0	12.9	38.7#

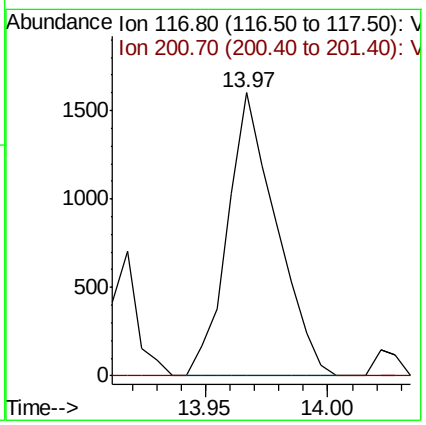


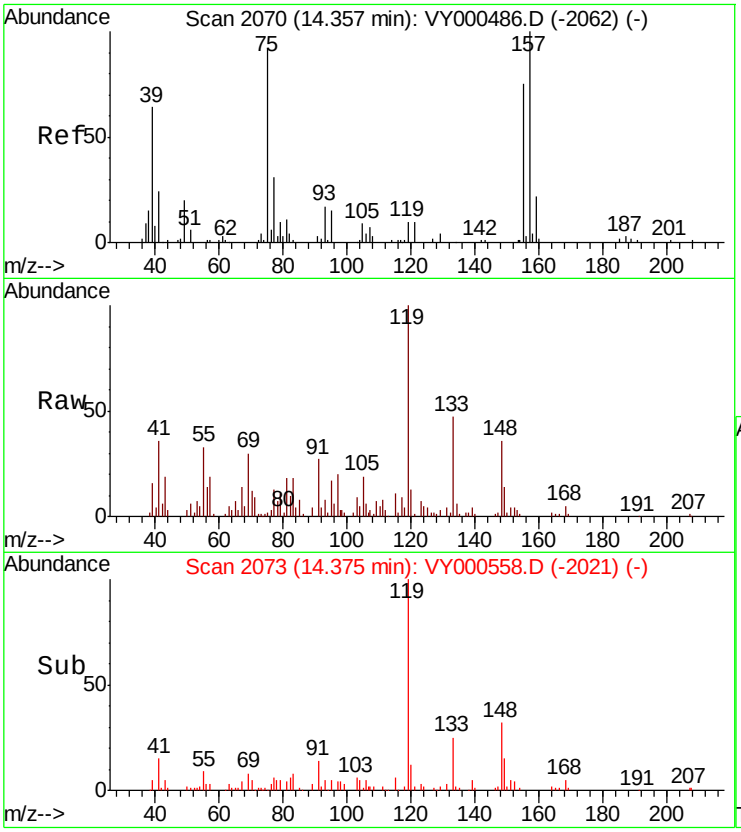


#90
Hexachloroethane
Concen: 21.963 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. 0.01 min
Lab File: VY000558.D
Acq: 06 Nov 2019 17:45

Tgt Ion:117 Resp: 2223

Ion	Ratio	Lower	Upper
117	100		
201	0.0	35.8	107.3#



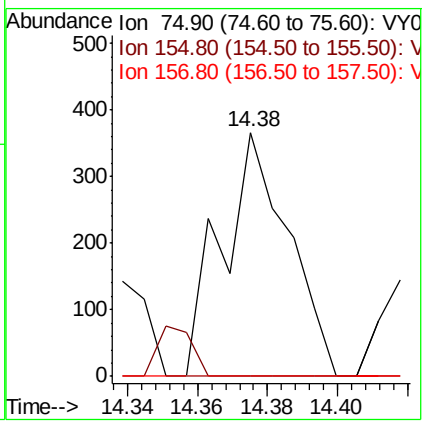


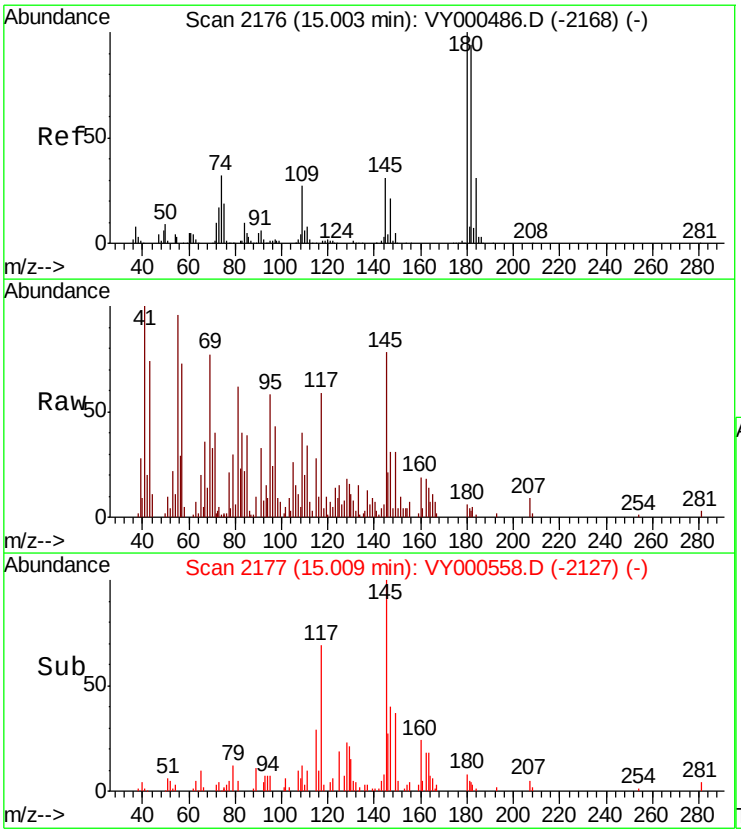
#92
1,2-Dibromo-3-Chloropropane
Concen: 22.732 ug/l
RT: 14.38 min Scan# 2073
Delta R.T. 0.02 min
Lab File: VY000558.D
Acq: 06 Nov 2019 17:45

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 483

Ion	Ratio	Lower	Upper
75	100		
155	0.0	42.4	127.1#
157	0.0	55.1	165.3#

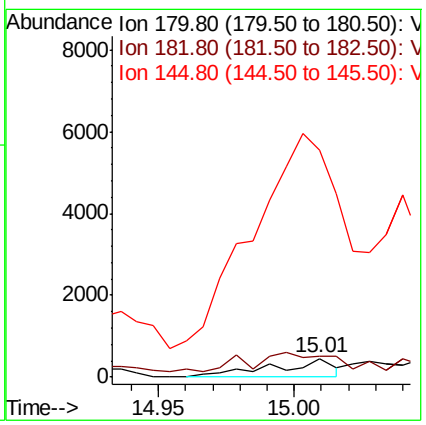


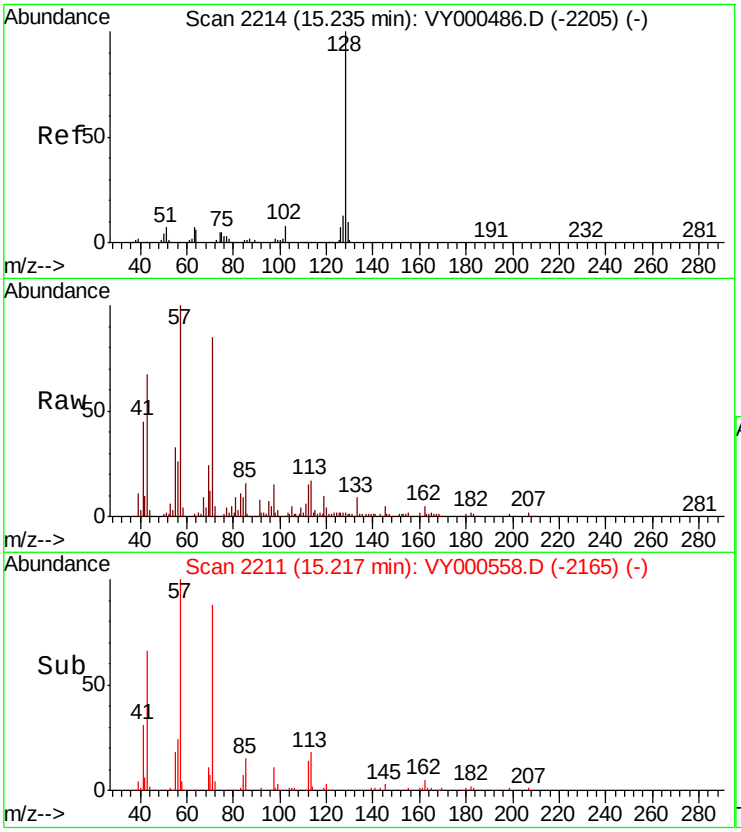


#93
1,2,4-Trichlorobenzene
Concen: 4.159 ug/l
RT: 15.01 min Scan# 2177
Delta R.T. 0.01 min
Lab File: VY000558.D
Acq: 06 Nov 2019 17:45

Tgt Ion:180 Resp: 692

Ion	Ratio	Lower	Upper
180	100		
182	156.8	47.8	143.4#
145	2243.2	16.0	47.9#



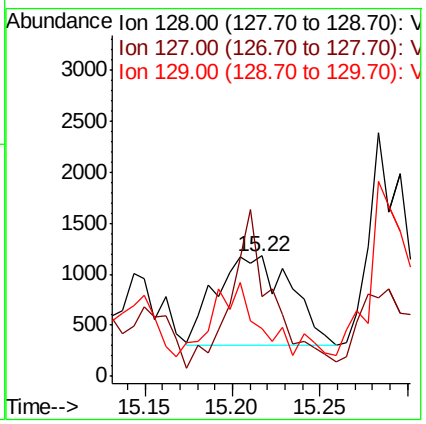


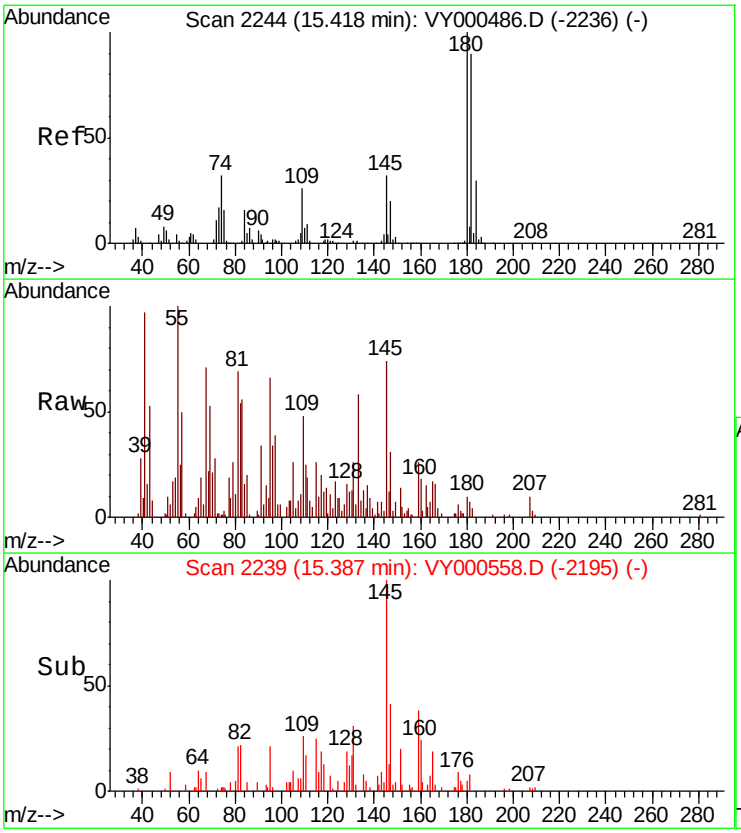
#95
Naphthalene
Concen: 7.148 ug/l
RT: 15.22 min Scan# 2211
Delta R.T. -0.02 min
Lab File: VY000558.D
Acq: 06 Nov 2019 17:45

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 2640

Ion	Ratio	Lower	Upper
128	100		
127	95.9	9.8	14.6#
129	48.8	8.7	13.1#





#96
1,2,3-Trichlorobenzene
Concen: 3.283 ug/l
RT: 15.39 min Scan# 2239
Delta R.T. -0.03 min
Lab File: VY000558.D
Acq: 06 Nov 2019 17:45

Tgt Ion:180 Resp: 490

Ion	Ratio	Lower	Upper
180	100		
182	77.1	47.4	142.3
145	1565.3	15.7	47.0#