Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY120619\
Data File : VY000899.D
Acq On : 06 Dec 2019 14:18
Operator : SY/MD
Sample : K6187-07
Misc : 5.02G/5ML/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Time: Dec 06 17:23:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 27 12:40:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	5480	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	10523	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	10378	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	4673	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	5256	90.26	ug/l	0.00
Spiked Amount 50.000			Recovery = 180.52%			
35) Dibromofluoromethane	7.72	113	1747	28.49	ug/l	0.00
Spiked Amount 50.000			Recovery = 56.98%			
50) Toluene-d8	10.18	98	13223	53.93	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.86%			
62) 4-Bromofluorobenzene	12.47	95	4439	48.21	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.42%			
Target Compounds						Qvalue
3) Chloromethane	2.12	50	633	8.705	ug/l #	76
5) Bromomethane	2.66	94	501	10.387	ug/l #	57
10) Methyl Iodide	4.11	142	408	5.343	ug/l #	54
13) Acrolein	3.55	56	48	8.318	ug/l #	15
16) Acetone	3.97	43	678	50.757	ug/l #	76
25) 2-Butanone	6.99	43	75	3.039	ug/l #	49
29) Tetrahydrofuran	7.32	42	55	3.364	ug/l #	33
31) Cyclohexane	7.81	56	213	1.723	ug/l #	16
36) 1,1-Dichloropropene	7.82	75	190	1.816	ug/l #	41
37) Ethyl Acetate	7.03	43	62	1.026	ug/l #	67
38) Carbon Tetrachloride	7.80	117	510	5.473	ug/l #	11
51) 4-Methyl-2-Pentanone	10.08	43	131	2.227	ug/l #	34
59) 2-Hexanone	10.83	43	229	5.343	ug/l #	22
65) Chlorobenzene	11.51	112	217	1.006	ug/l #	43
68) m/p-Xylenes	11.69	106	286	1.897	ug/l #	45
76) 1,2,3-Trichloropropane	12.49	75	2285	43.158	ug/l #	100
78) n-propylbenzene	12.67	91	493	1.085	ug/l #	66
81) trans-1,4-Dichloro-2-buten	12.49	75	2285	84.775	ug/l #	17
84) 1,2,4-Trimethylbenzene	13.11	105	395	1.282	ug/l #	9
87) 1,3-Dichlorobenzene	13.44	146	383	2.421	ug/l	86
88) 1,4-Dichlorobenzene	13.44	146	383	2.445	ug/l	86
89) n-Butylbenzene	13.69	91	592	1.787	ug/l #	86
91) 1,2-Dichlorobenzene	13.73	146	194	1.363	ug/l #	41
93) 1,2,4-Trichlorobenzene	15.00	180	421	4.372	ug/l	73
94) Hexachlorobutadiene	15.12	225	52	1.089	ug/l #	34
95) Naphthalene	15.23	128	1095	4.897	ug/l #	83
96) 1,2,3-Trichlorobenzene	15.42	180	365	4.243	ug/l #	54

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY120619\
Data File : VY000899.D
Acq On : 06 Dec 2019 14:18
Operator : SY/MD
Sample : K6187-07
Misc : 5.02G/5ML/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Time: Dec 06 17:23:18 2019
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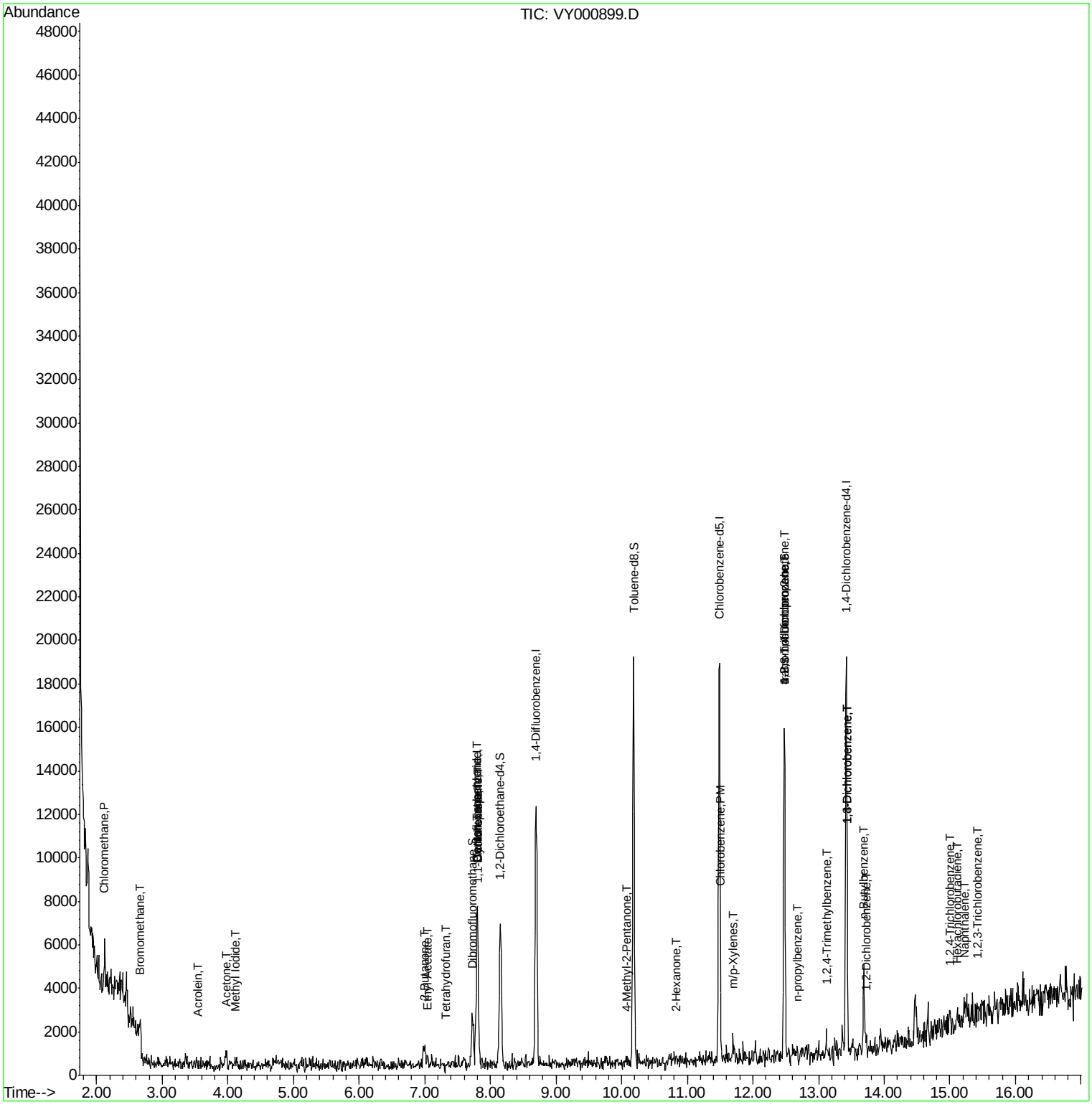
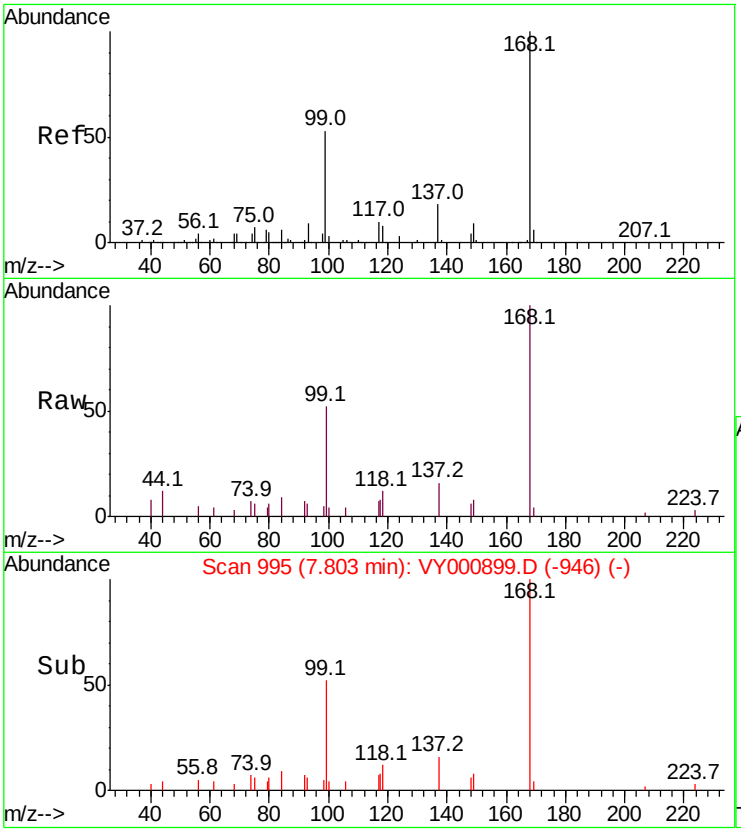
Quant Title : SW846 8260
QLast Update : Wed Nov 27 12:40:47 2019
Response via : Initial Calibration



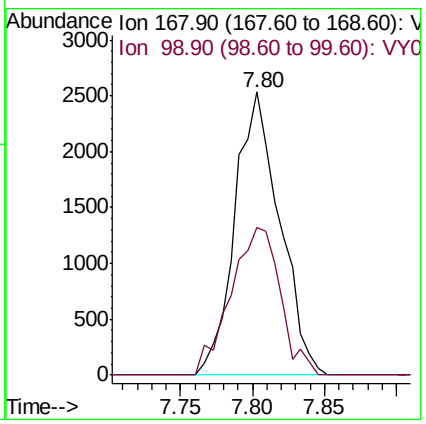


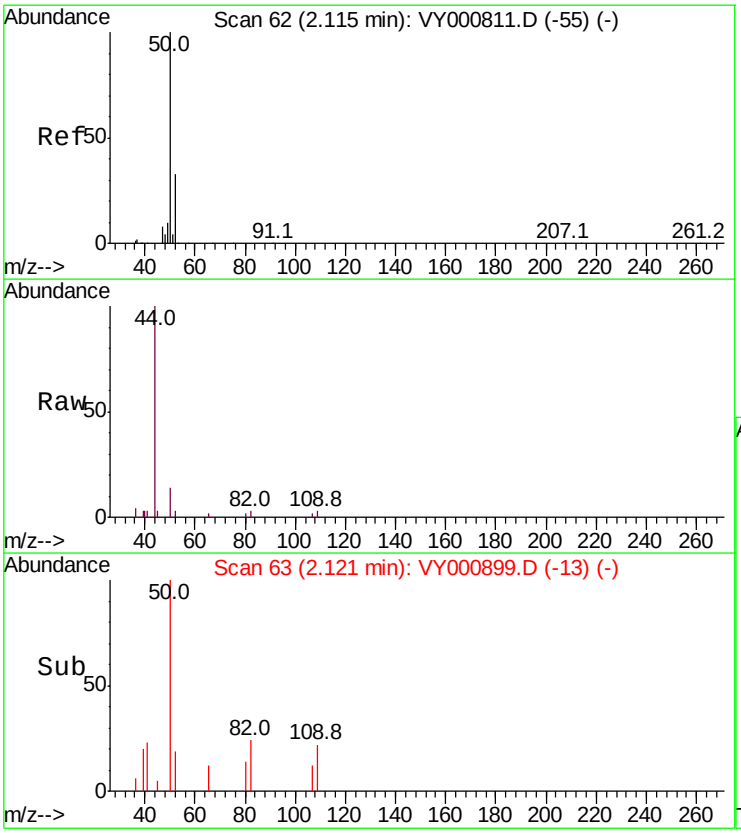
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.00 min
Lab File: VY000899.D
Acq: 06 Dec 2019 14:18

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 5480

Ion	Ratio	Lower	Upper
168	100		
99	52.1	45.0	67.6

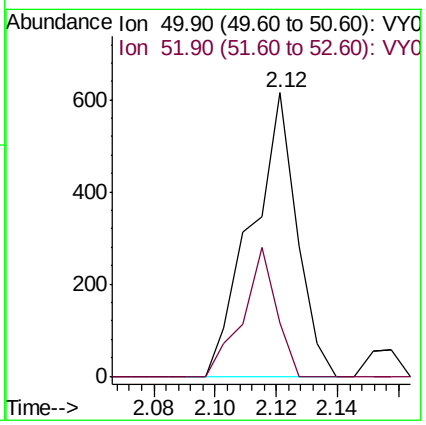


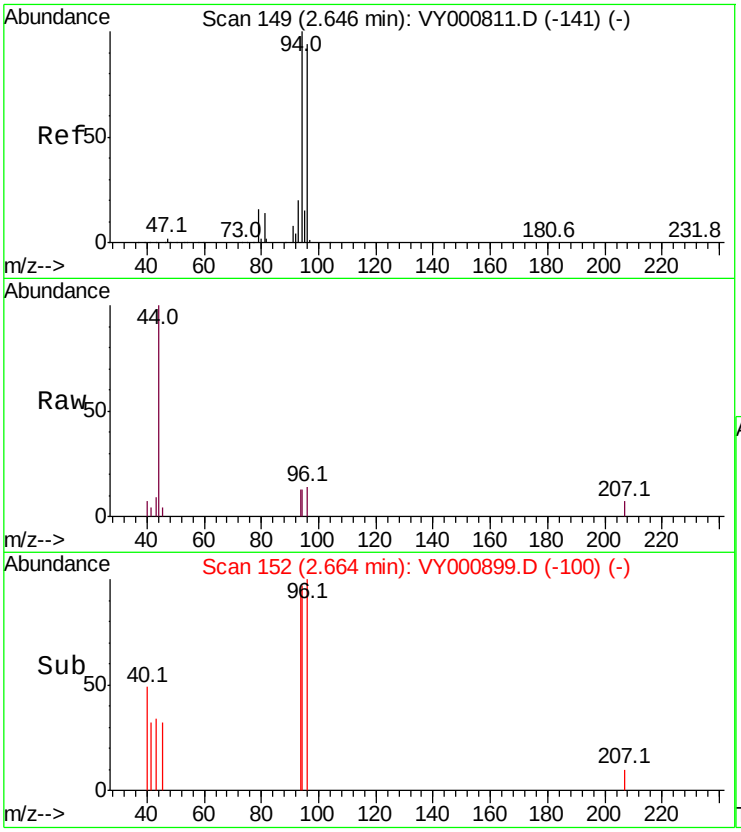


#3
Chloromethane
Concen: 8.705 ug/l
RT: 2.12 min Scan# 63
Delta R.T. 0.01 min
Lab File: VY000899.D
Acq: 06 Dec 2019 14:18

Tgt Ion: 50 Resp: 633

Ion	Ratio	Lower	Upper
50	100		
52	18.9	26.0	39.0#



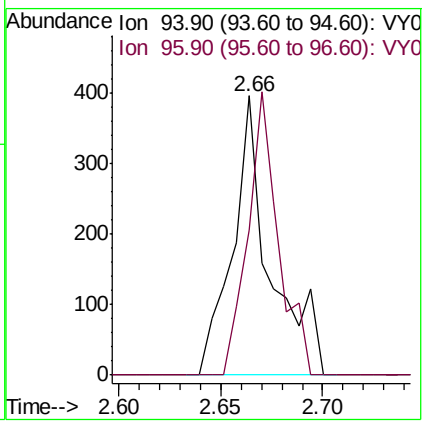


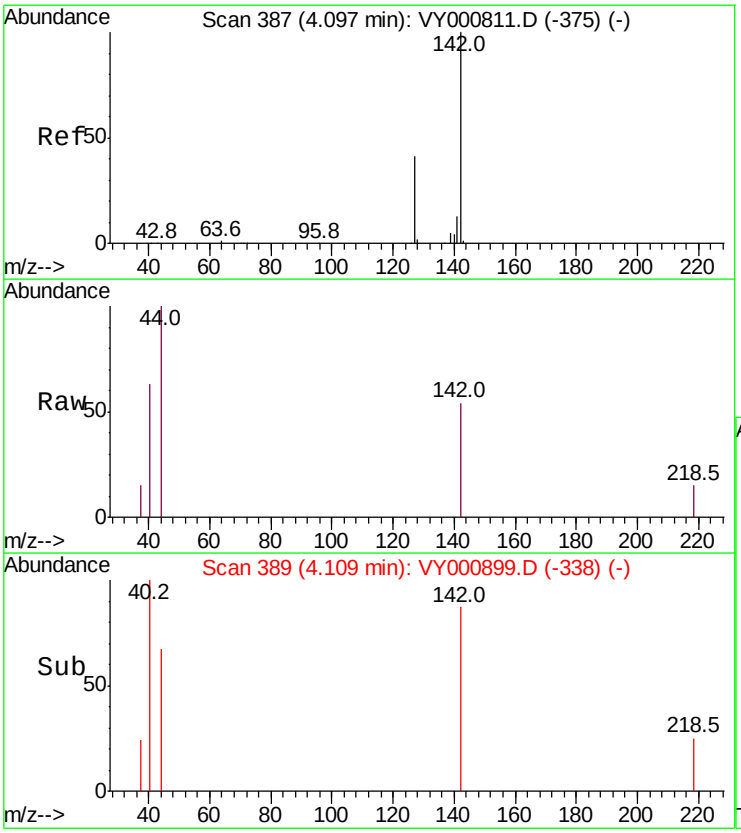
#5
Bromomethane
Concen: 10.387 ug/l
RT: 2.66 min Scan# 152
Delta R.T. 0.02 min
Lab File: VY000899.D
Acq: 06 Dec 2019 14:18

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 94 Resp: 501

Ion	Ratio	Lower	Upper
94	100		
96	52.2	75.2	112.8#

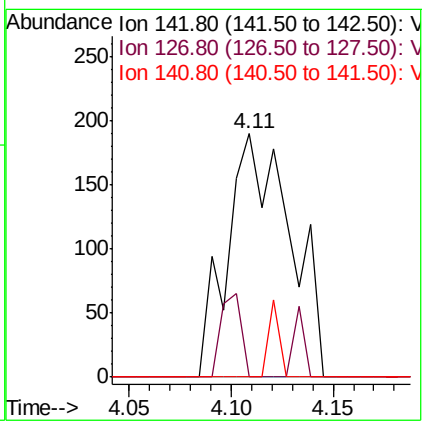


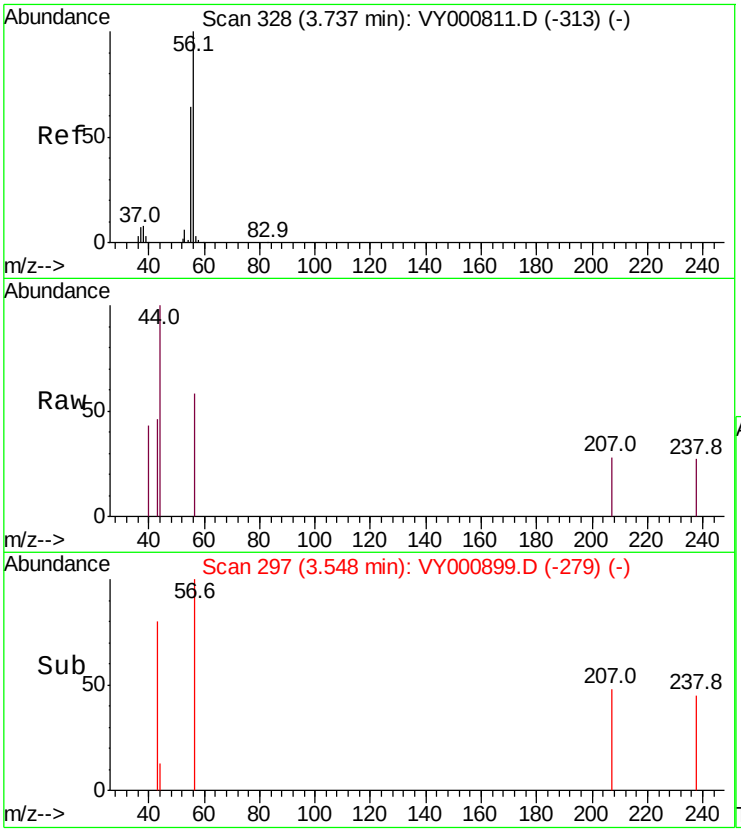


#10
Methyl Iodide
Concen: 5.343 ug/l
RT: 4.11 min Scan# 389
Delta R.T. 0.01 min
Lab File: VY000899.D
Acq: 06 Dec 2019 14:18

Tgt Ion:142 Resp: 408

Ion	Ratio	Lower	Upper
142	100		
127	11.0	33.8	50.8#
141	0.0	10.9	16.3#



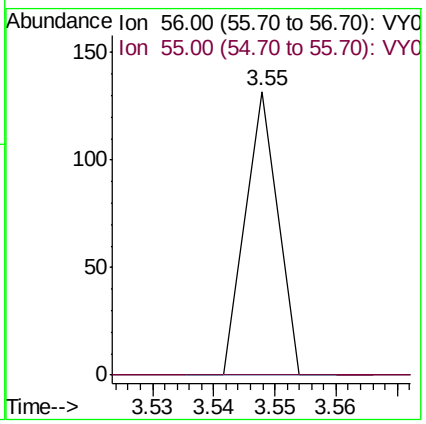


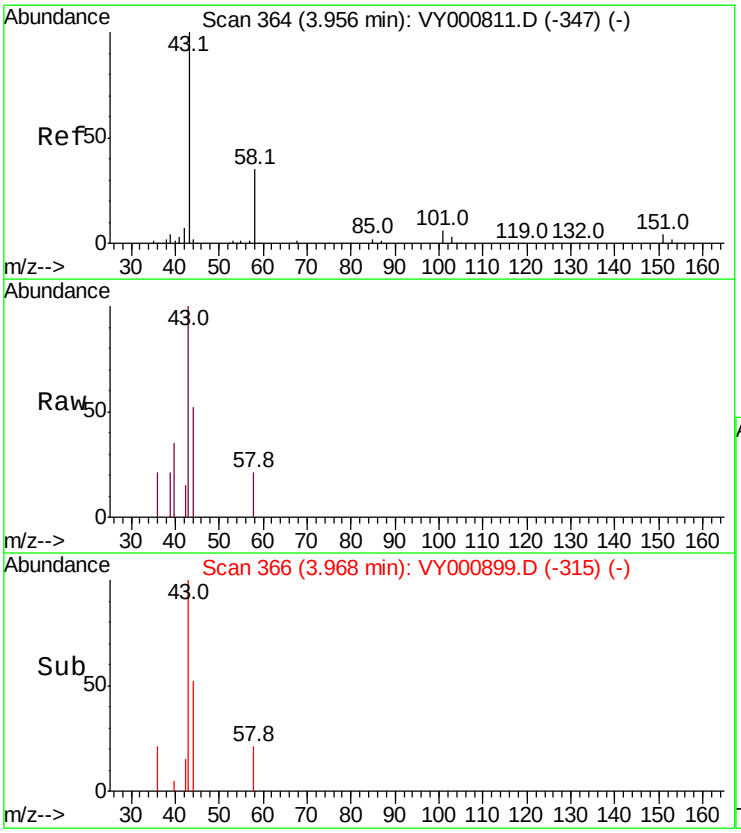
#13
Acrolein
Concen: 8.318 ug/l
RT: 3.55 min Scan# 297
Delta R.T. -0.19 min
Lab File: VY000899.D
Acq: 06 Dec 2019 14:18

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 56 Resp: 48

Ion	Ratio	Lower	Upper
56	100		
55	0.0	55.7	83.5#

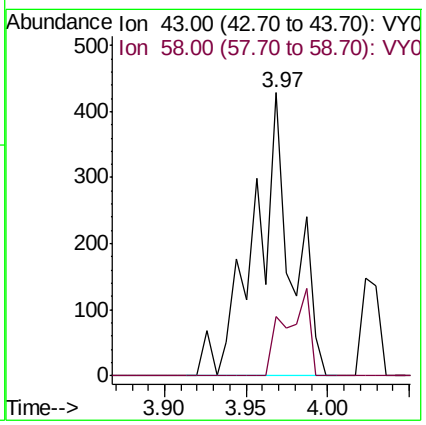


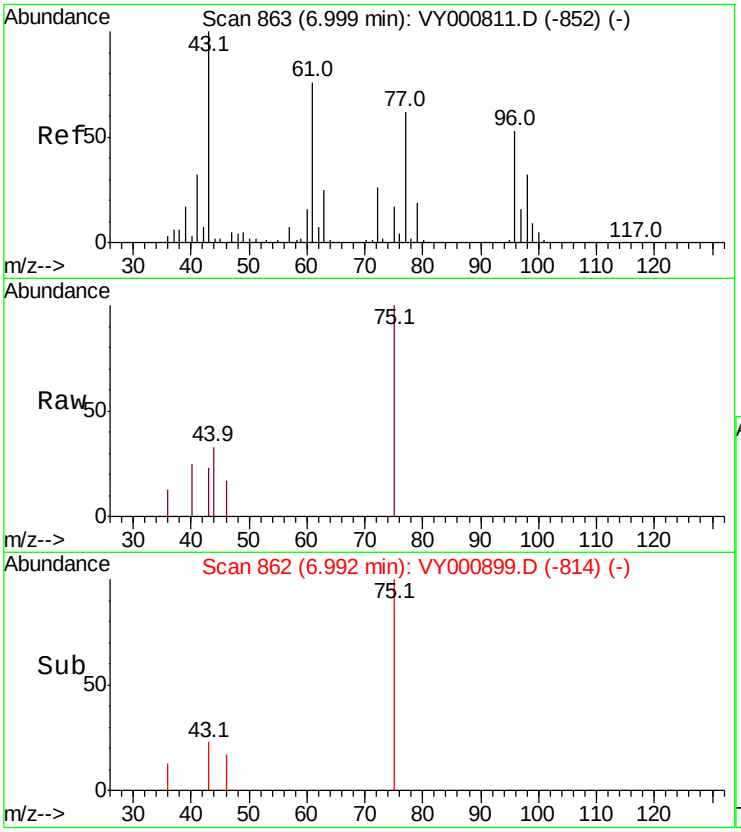


#16
Acetone
Concen: 50.757 ug/l
RT: 3.97 min Scan# 366
Delta R.T. 0.01 min
Lab File: VY000899.D
Acq: 06 Dec 2019 14:18

Tgt Ion: 43 Resp: 678

Ion	Ratio	Lower	Upper
43	100		
58	20.8	28.0	42.0#



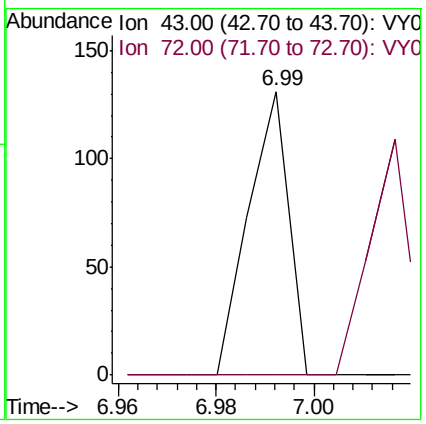


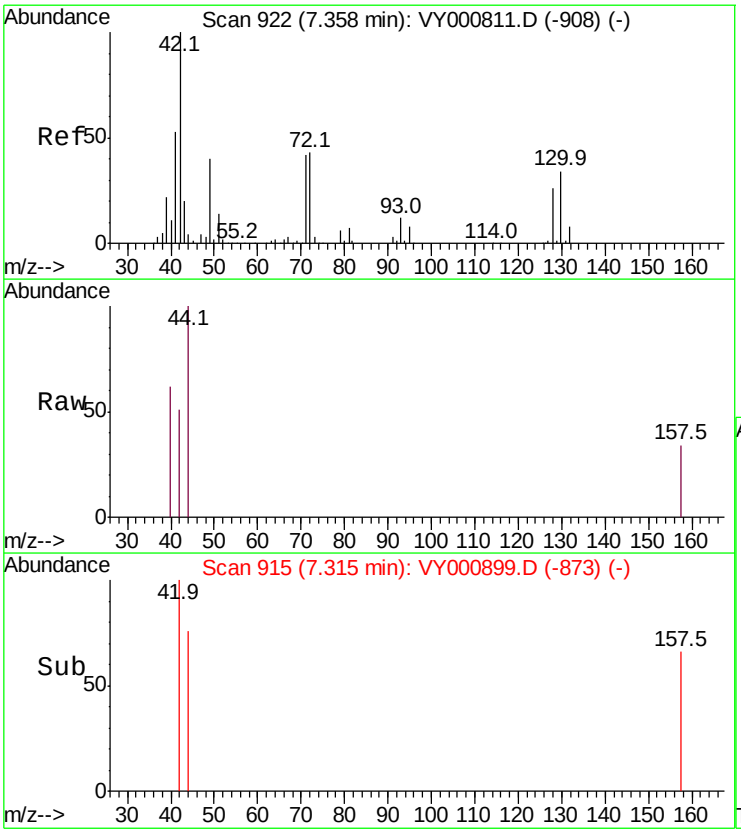
#25
2-Butanone
Concen: 3.039 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY000899.D
Acq: 06 Dec 2019 14:18

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 75

Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.0	31.4#

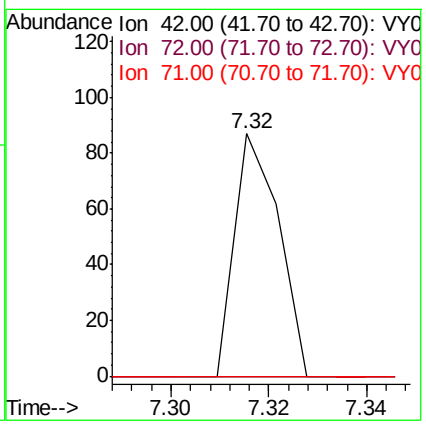


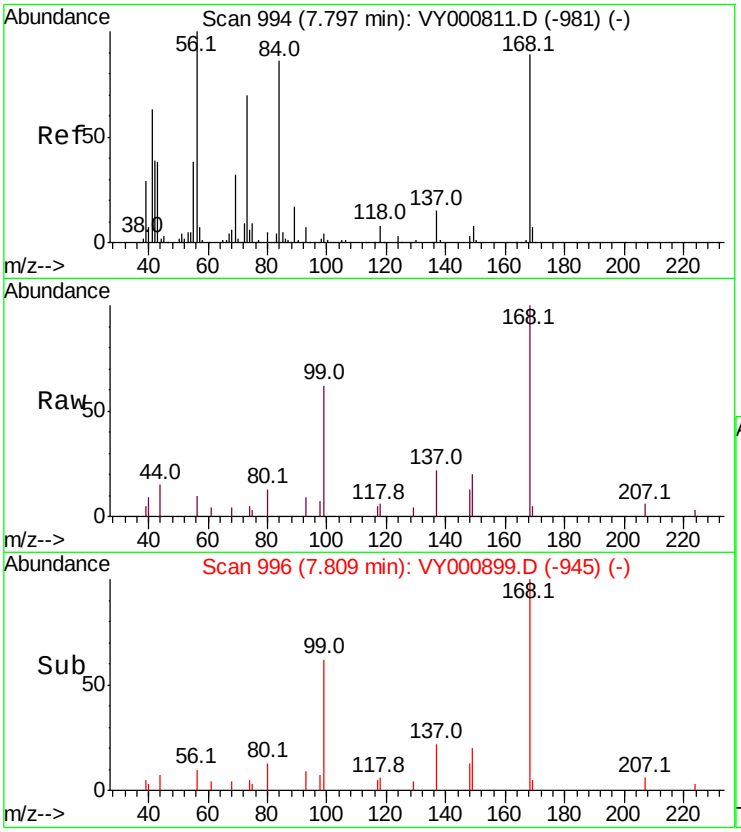


#29
Tetrahydrofuran
Concen: 3.364 ug/l
RT: 7.32 min Scan# 915
Delta R.T. -0.04 min
Lab File: VY000899.D
Acq: 06 Dec 2019 14:18

Tgt Ion: 42 Resp: 55

Ion	Ratio	Lower	Upper
42	100		
72	0.0	35.1	52.7#
71	0.0	32.8	49.2#



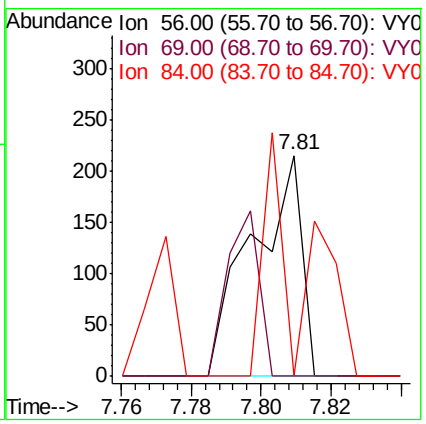


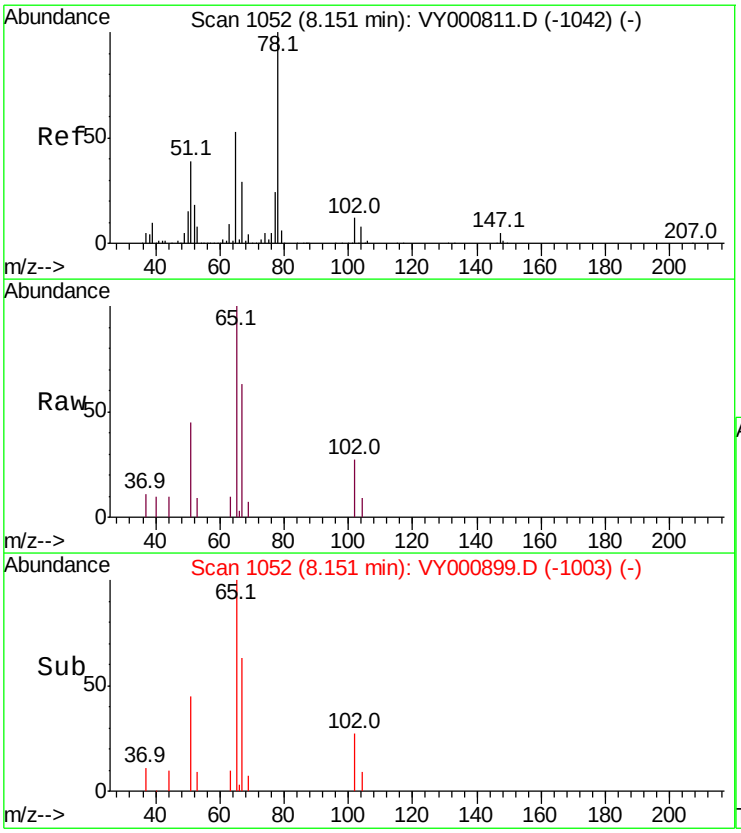
#31
Cyclohexane
Concen: 1.723 ug/l
RT: 7.81 min Scan# 996
Delta R.T. 0.01 min
Lab File: VY000899.D
Acq: 06 Dec 2019 14:18

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 56 Resp: 213

Ion	Ratio	Lower	Upper
56	100		
69	0.0	25.9	38.9#
84	0.0	68.6	102.8#

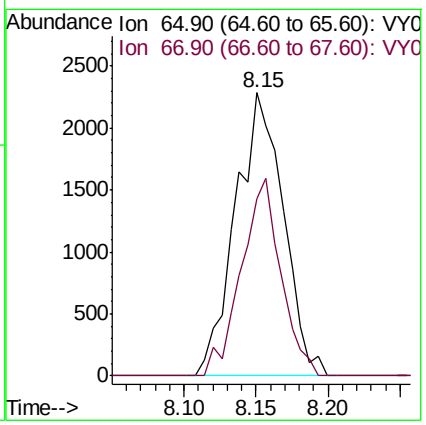


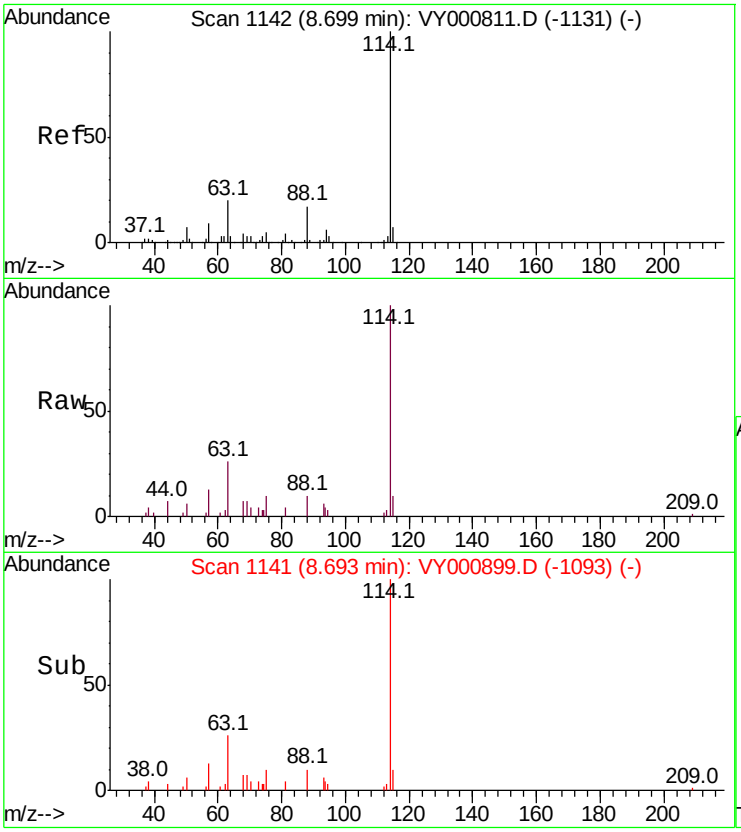


#33
1,2-Dichloroethane-d4
Concen: 90.263 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VY000899.D
Acq: 06 Dec 2019 14:18

Tgt Ion: 65 Resp: 5256

Ion	Ratio	Lower	Upper
65	100		
67	57.6	0.0	112.0



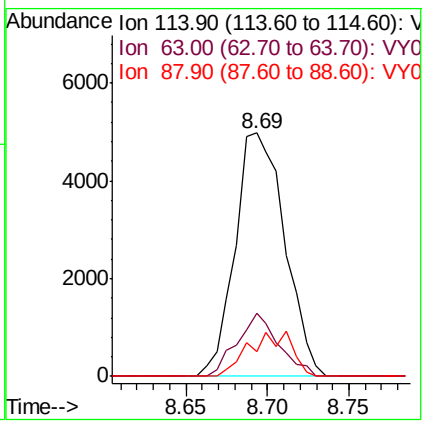


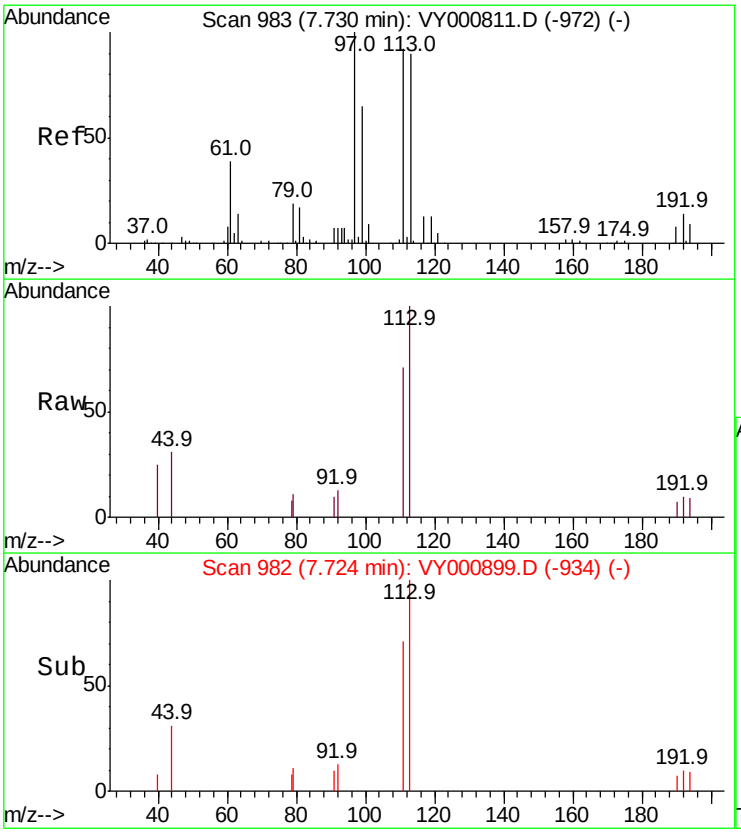
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1141
Delta R.T. -0.01 min
Lab File: VY000899.D
Acq: 06 Dec 2019 14:18

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:114 Resp: 10523

Ion	Ratio	Lower	Upper
114	100		
63	25.7	0.0	39.8
88	10.3	0.0	33.2

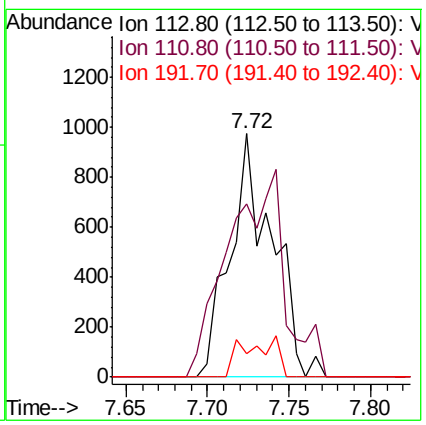


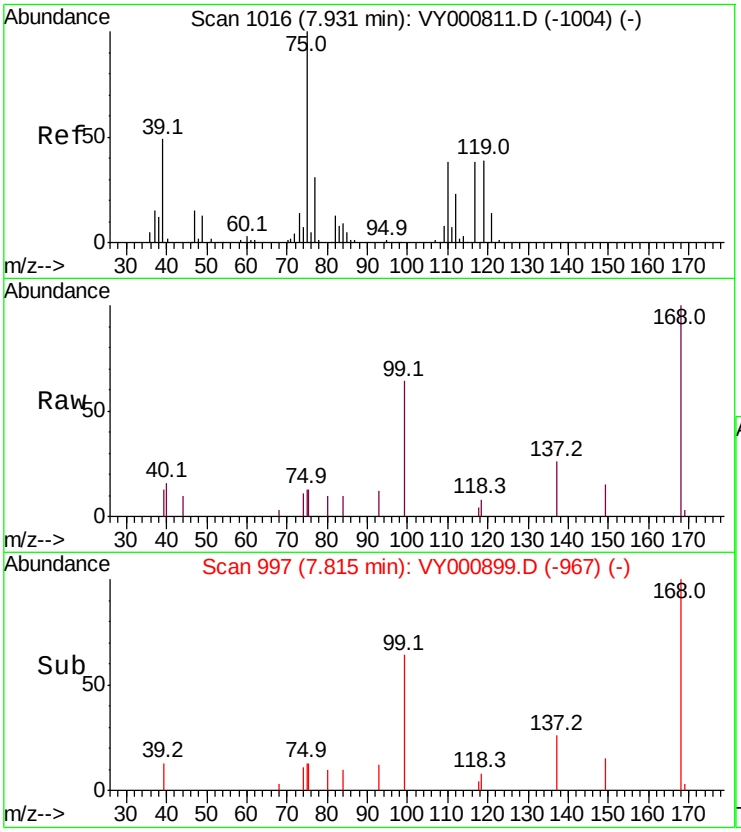


#35
Dibromofluoromethane
Concen: 28.486 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.01 min
Lab File: VY000899.D
Acq: 06 Dec 2019 14:18

Tgt Ion:113 Resp: 1747

Ion	Ratio	Lower	Upper
113	100		
111	114.3	82.4	123.6
192	13.1	14.2	21.2#



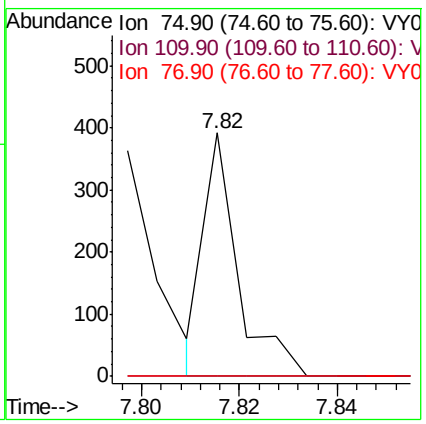


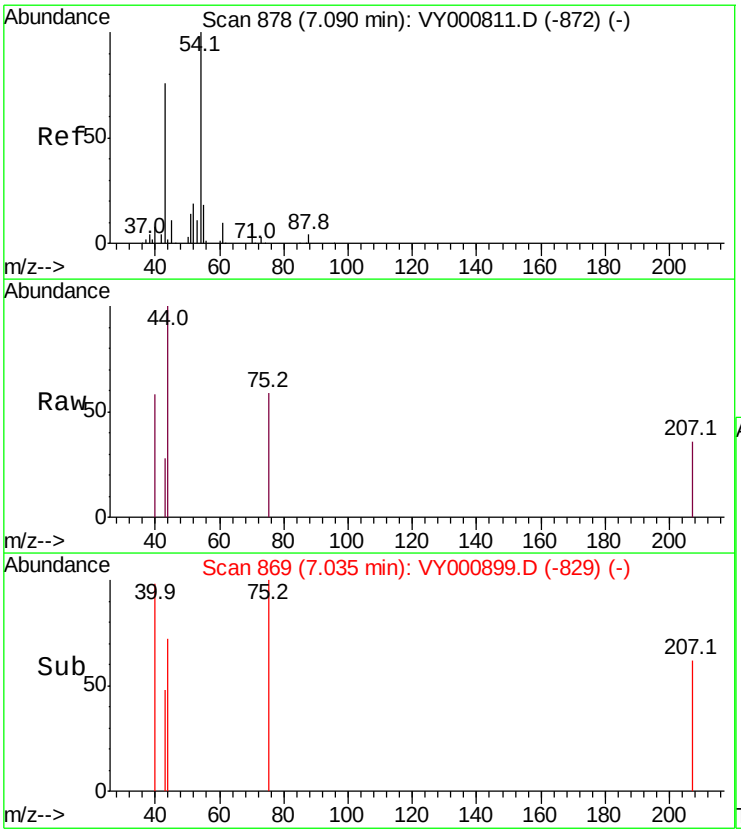
#36
1,1-Dichloropropene
Concen: 1.816 ug/l
RT: 7.82 min Scan# 997
Delta R.T. -0.12 min
Lab File: VY000899.D
Acq: 06 Dec 2019 14:18

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 190

Ion	Ratio	Lower	Upper
75	100		
110	0.0	17.9	53.7#
77	0.0	24.7	37.1#

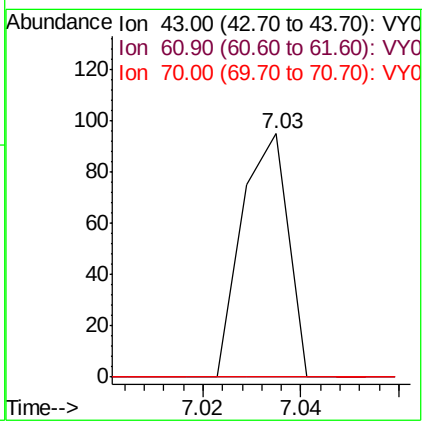


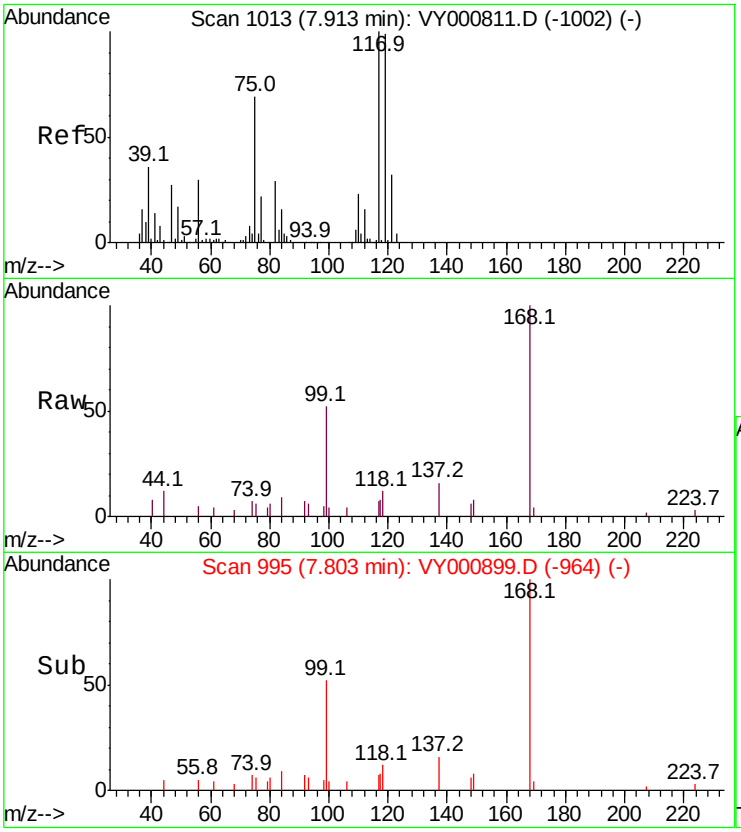


#37
Ethyl Acetate
Concen: 1.026 ug/l
RT: 7.03 min Scan# 869
Delta R.T. -0.06 min
Lab File: VY000899.D
Acq: 06 Dec 2019 14:18

Tgt Ion: 43 Resp: 62

Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.8	17.8#
70	0.0	8.7	13.1#



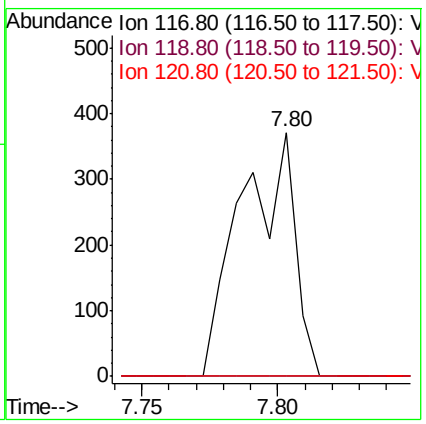


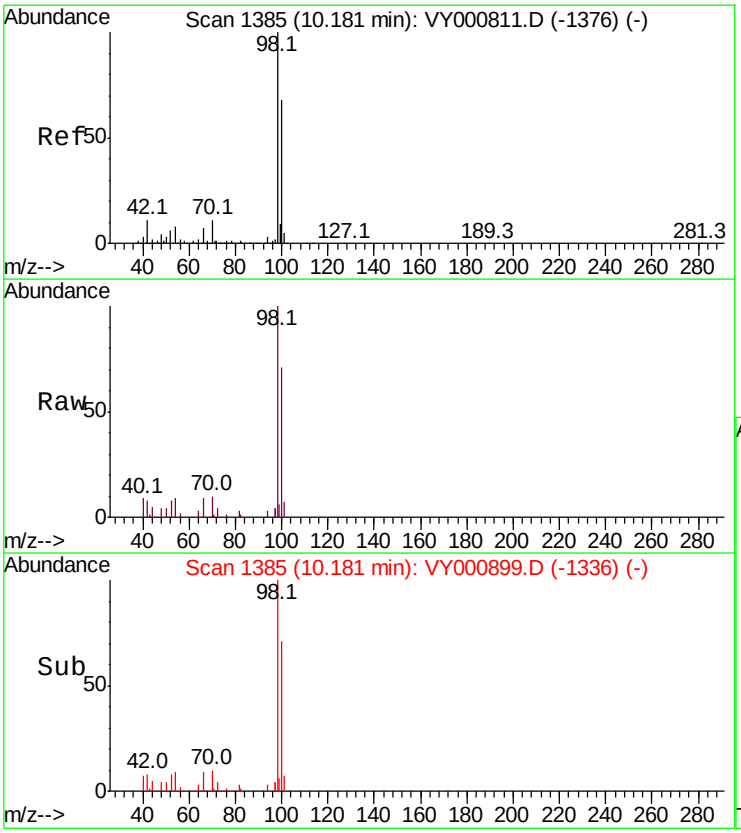
#38
Carbon Tetrachloride
Concen: 5.473 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.11 min
Lab File: VY000899.D
Acq: 06 Dec 2019 14:18

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 510

Ion	Ratio	Lower	Upper
117	100		
119	0.0	79.3	118.9#
121	0.0	25.5	38.3#

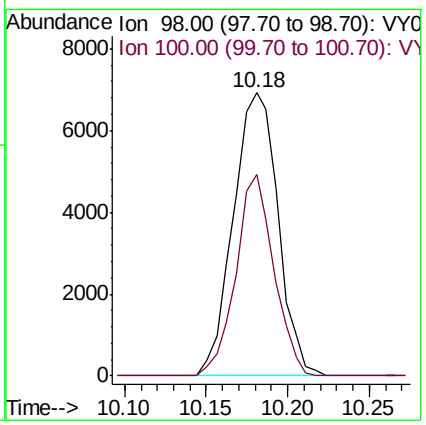


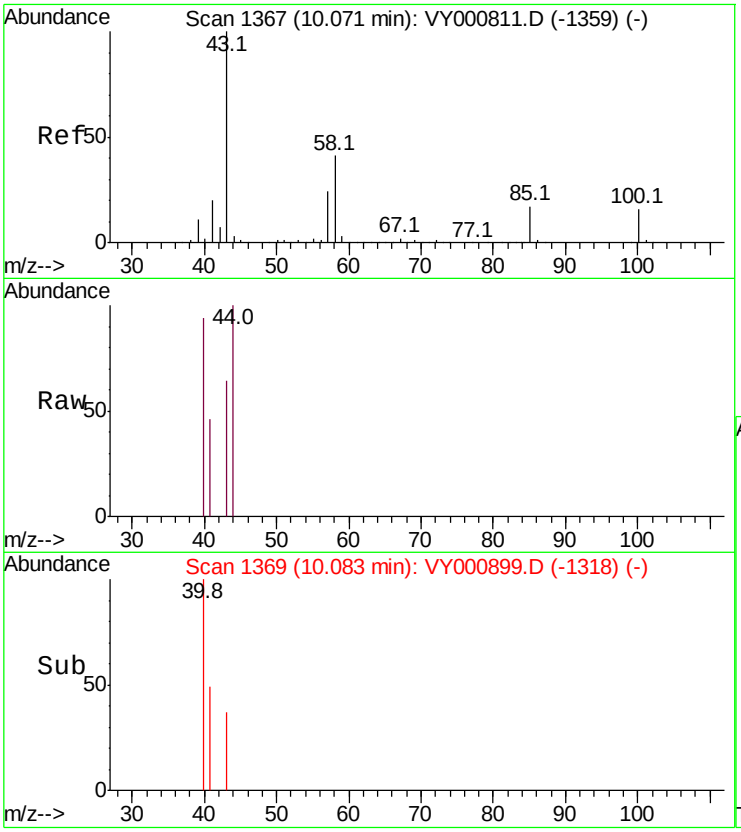


#50
Toluene-d8
Concen: 53.930 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY000899.D
Acq: 06 Dec 2019 14:18

Tgt Ion: 98 Resp: 13223

Ion	Ratio	Lower	Upper
98	100		
100	60.5	53.1	79.7



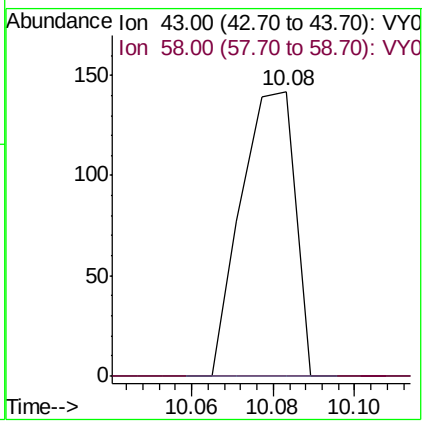


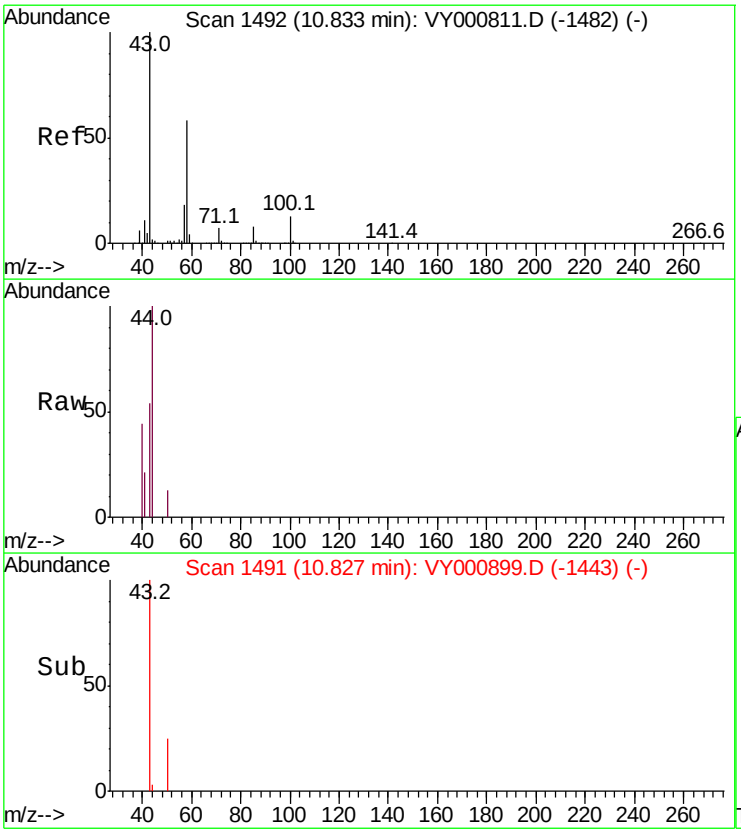
#51
4-Methyl-2-Pentanone
Concen: 2.227 ug/l
RT: 10.08 min Scan# 1369
Delta R.T. 0.01 min
Lab File: VY000899.D
Acq: 06 Dec 2019 14:18

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 131

Ion	Ratio	Lower	Upper
43	100		
58	0.0	33.1	49.7#

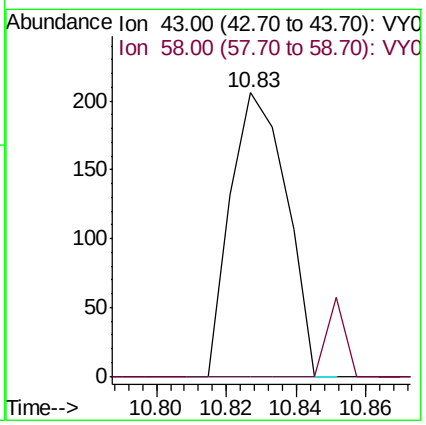


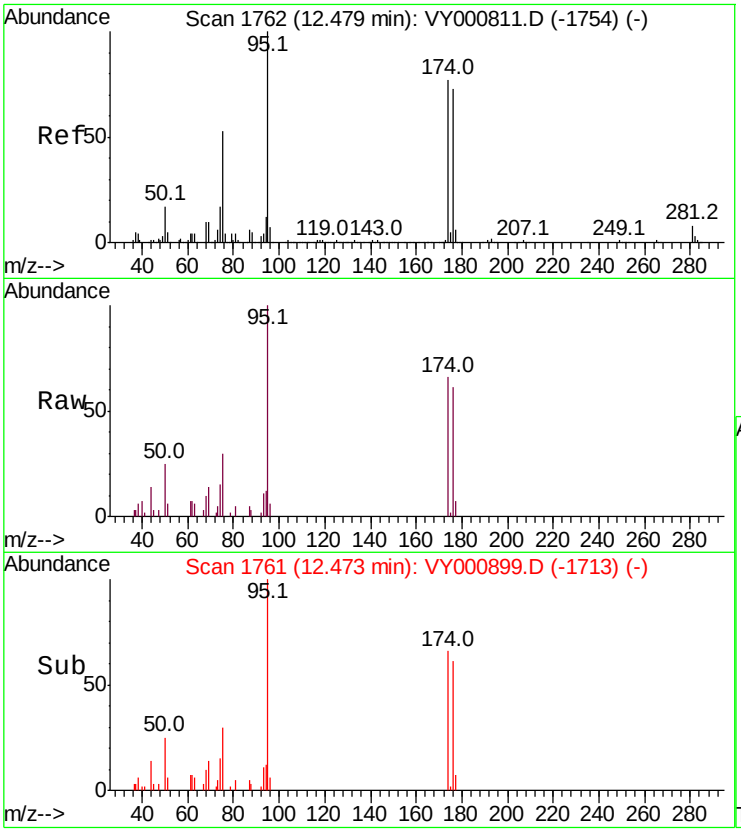


#59
2-Hexanone
Concen: 5.343 ug/l
RT: 10.83 min Scan# 1491
Delta R.T. -0.01 min
Lab File: VY000899.D
Acq: 06 Dec 2019 14:18

Tgt Ion: 43 Resp: 229

Ion	Ratio	Lower	Upper
43	100		
58	0.0	29.0	87.1#



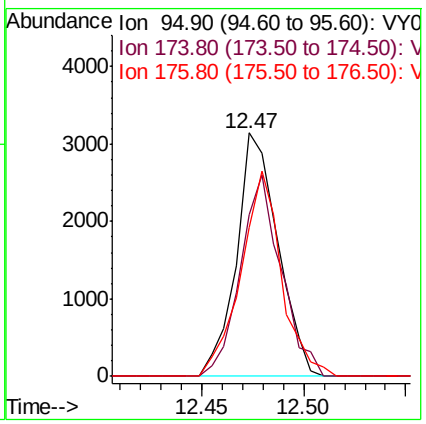


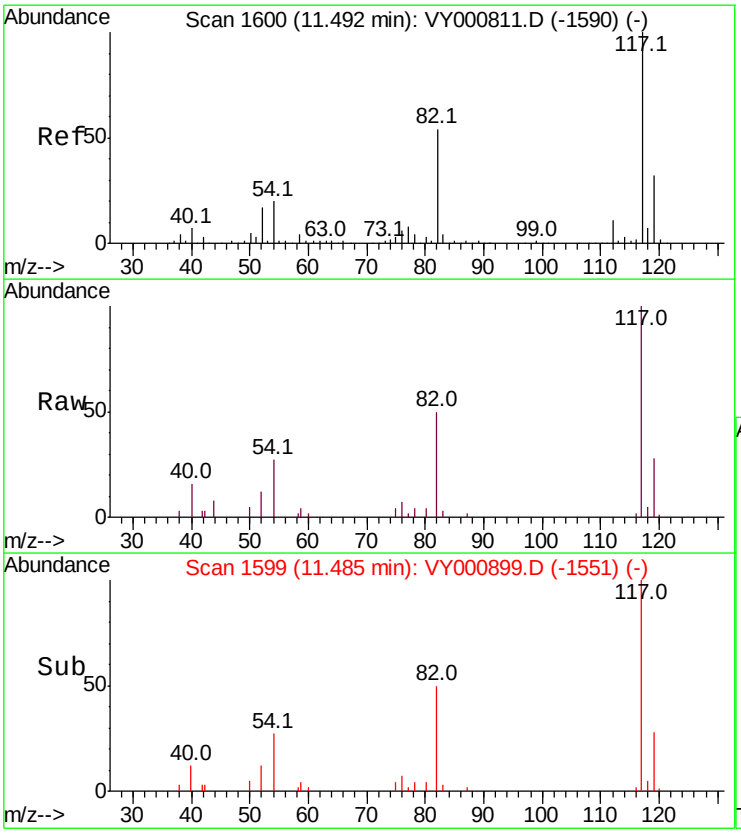
#62
4-Bromofluorobenzene
Concen: 48.208 ug/l
RT: 12.47 min Scan# 1761
Delta R.T. -0.01 min
Lab File: VY000899.D
Acq: 06 Dec 2019 14:18

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 95 Resp: 4439

Ion	Ratio	Lower	Upper
95	100		
174	81.5	0.0	150.6
176	82.7	0.0	145.2

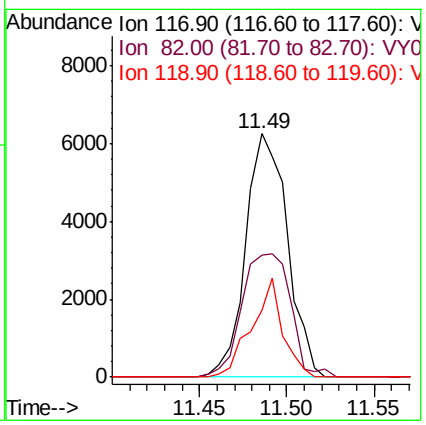


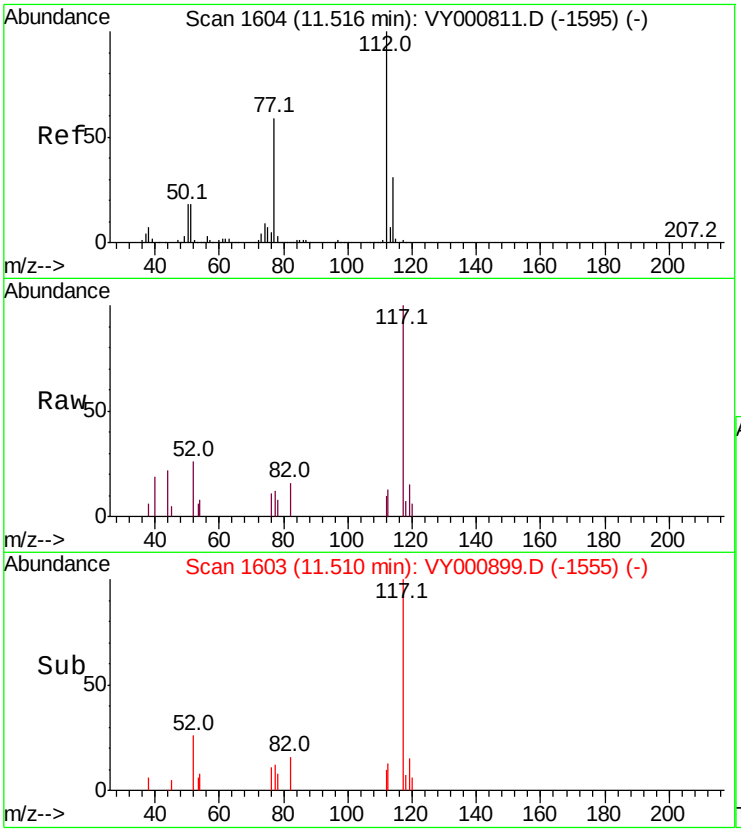


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000899.D
Acq: 06 Dec 2019 14:18

Tgt Ion:117 Resp: 10378

Ion	Ratio	Lower	Upper
117	100		
82	50.4	43.1	64.7
119	27.7	25.3	37.9



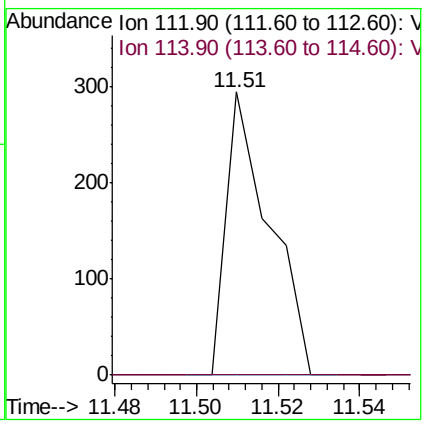


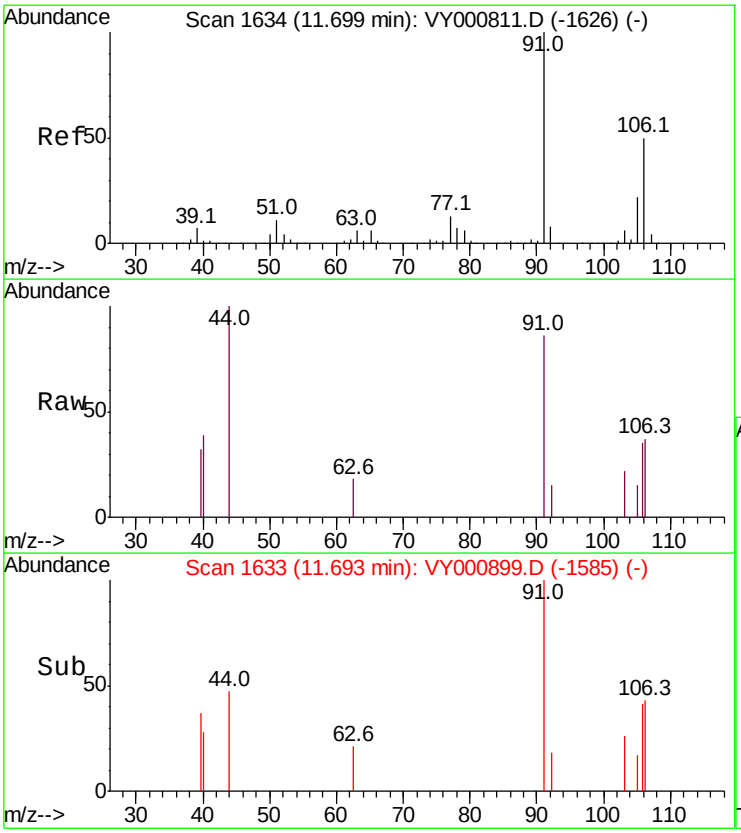
#65
Chlorobenzene
Concen: 1.006 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VY000899.D
Acq: 06 Dec 2019 14:18

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:112 Resp: 217

Ion	Ratio	Lower	Upper
112	100		
114	0.0	25.1	37.7#

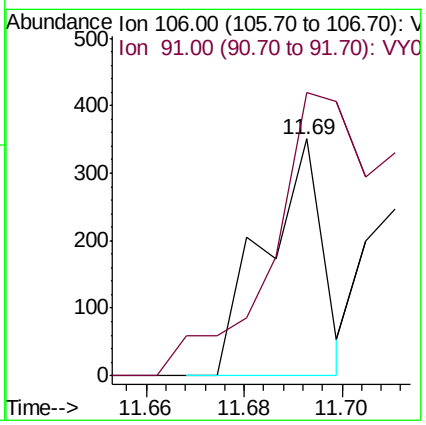


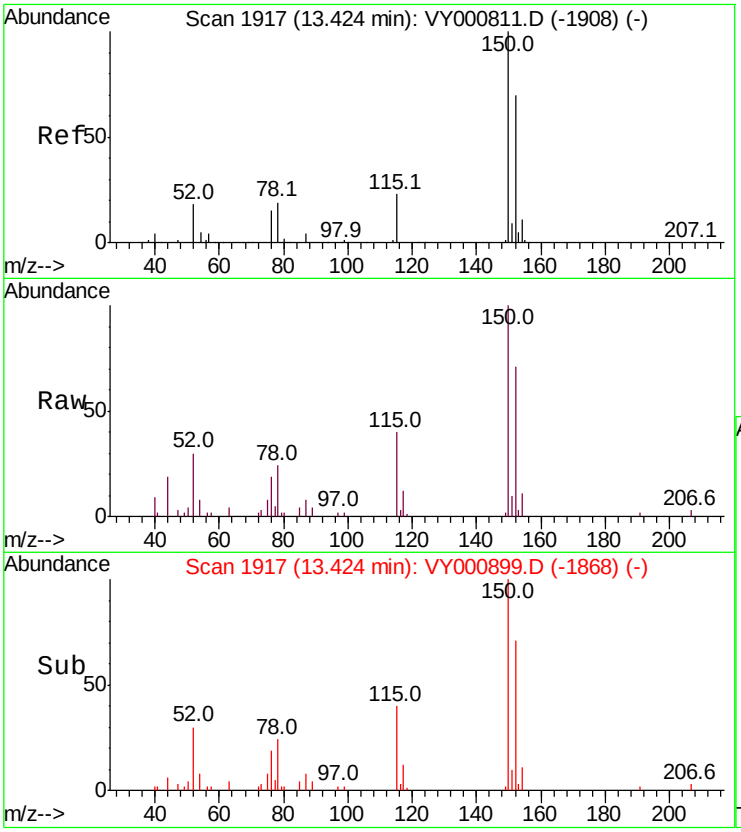


#68
m/p-Xylenes
Concen: 1.897 ug/l
RT: 11.69 min Scan# 1633
Delta R.T. -0.01 min
Lab File: VY000899.D
Acq: 06 Dec 2019 14:18

Tgt Ion:106 Resp: 286

Ion	Ratio	Lower	Upper
106	100		
91	283.2	159.6	239.4#



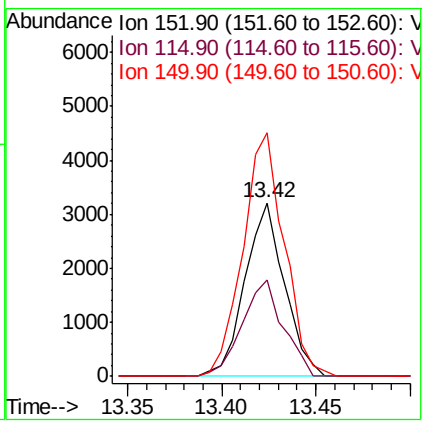


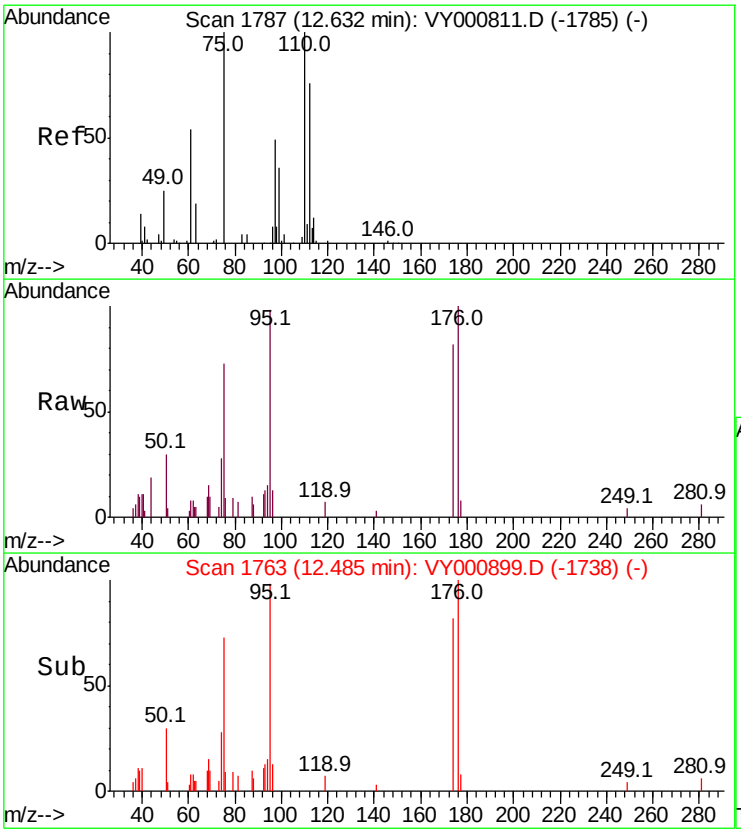
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000899.D
Acq: 06 Dec 2019 14:18

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:152 Resp: 4673

Ion	Ratio	Lower	Upper
152	100		
115	57.5	29.3	87.8
150	146.6	0.0	351.2

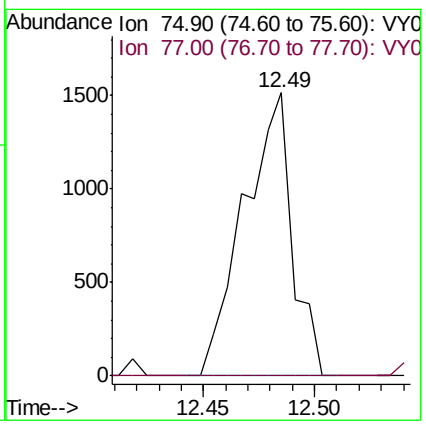


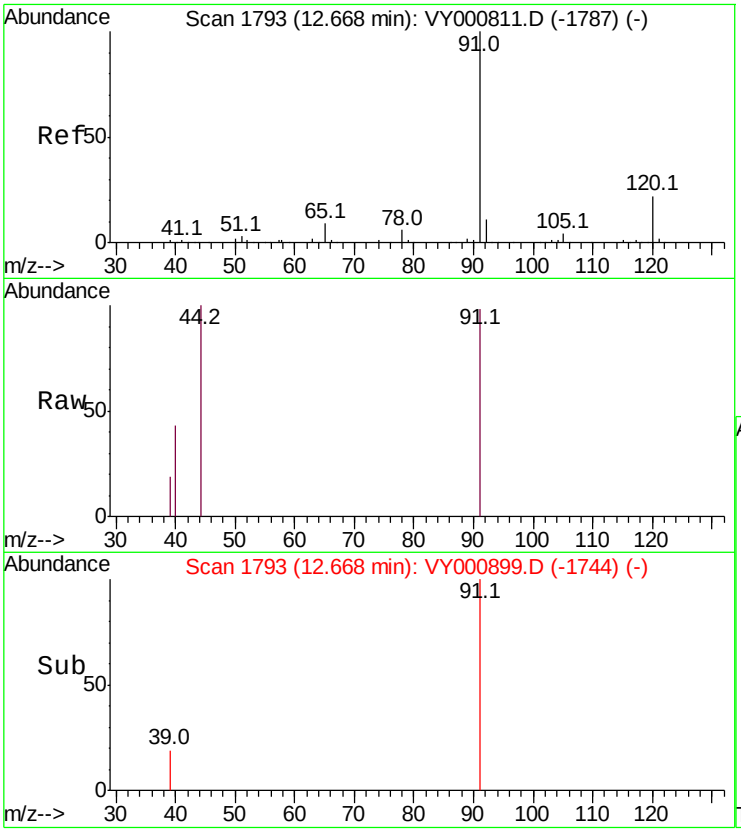


#76
1,2,3-Trichloropropane
Concen: 43.158 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.15 min
Lab File: VY000899.D
Acq: 06 Dec 2019 14:18

Tgt Ion: 75 Resp: 2285

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



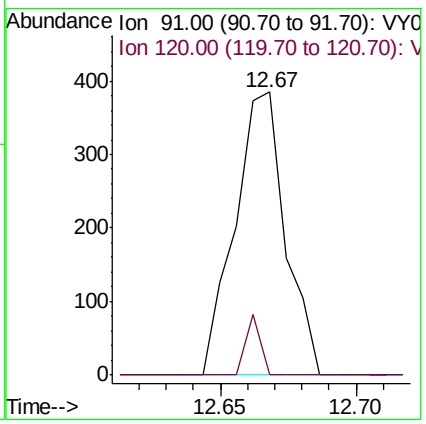


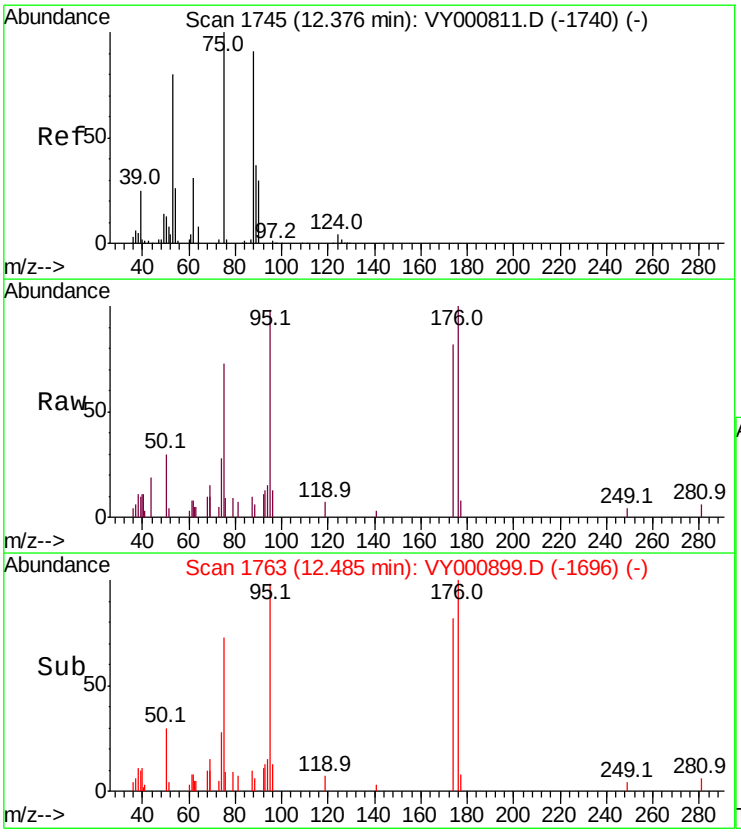
#78
n-propylbenzene
Concen: 1.085 ug/l
RT: 12.67 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VY000899.D
Acq: 06 Dec 2019 14:18

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 91 Resp: 493

Ion	Ratio	Lower	Upper
91	100		
120	6.1	11.2	33.5#

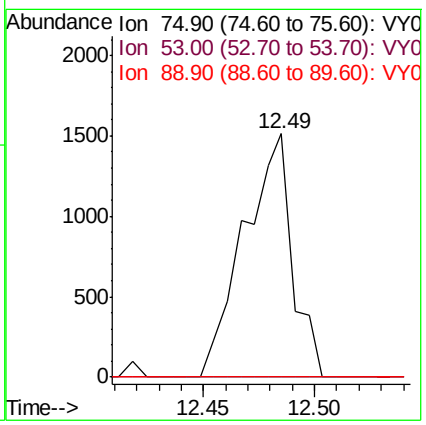


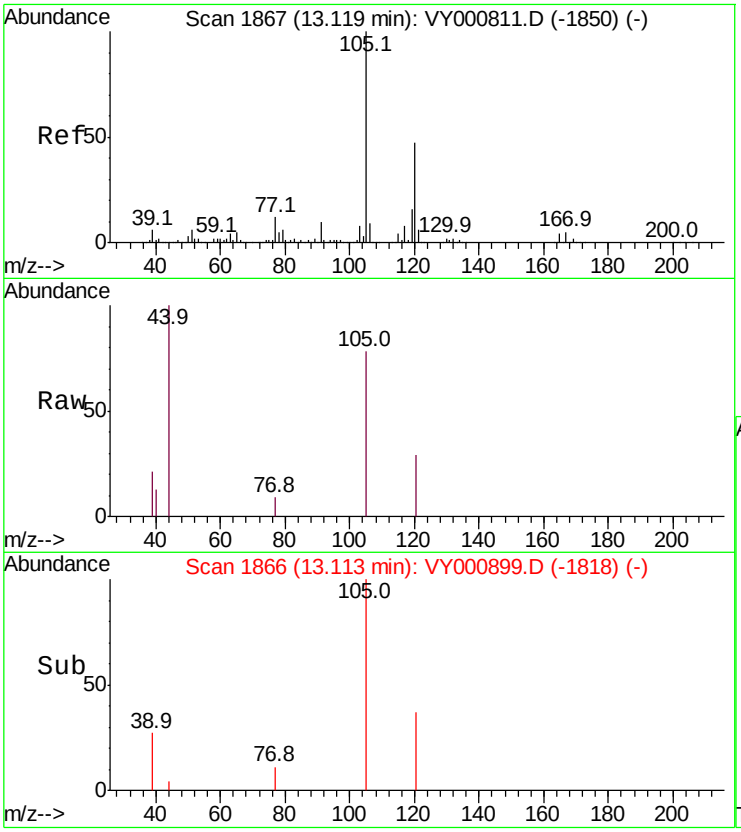


#81
trans-1,4-Dichloro-2-butene
Concen: 84.775 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. 0.11 min
Lab File: VY000899.D
Acq: 06 Dec 2019 14:18

Tgt Ion: 75 Resp: 2285

Ion	Ratio	Lower	Upper
75	100		
53	0.0	64.6	96.8#
89	0.0	33.6	50.4#



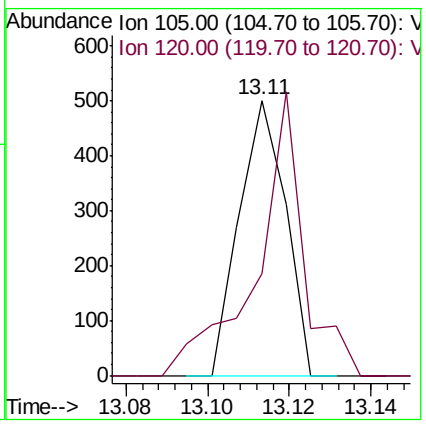


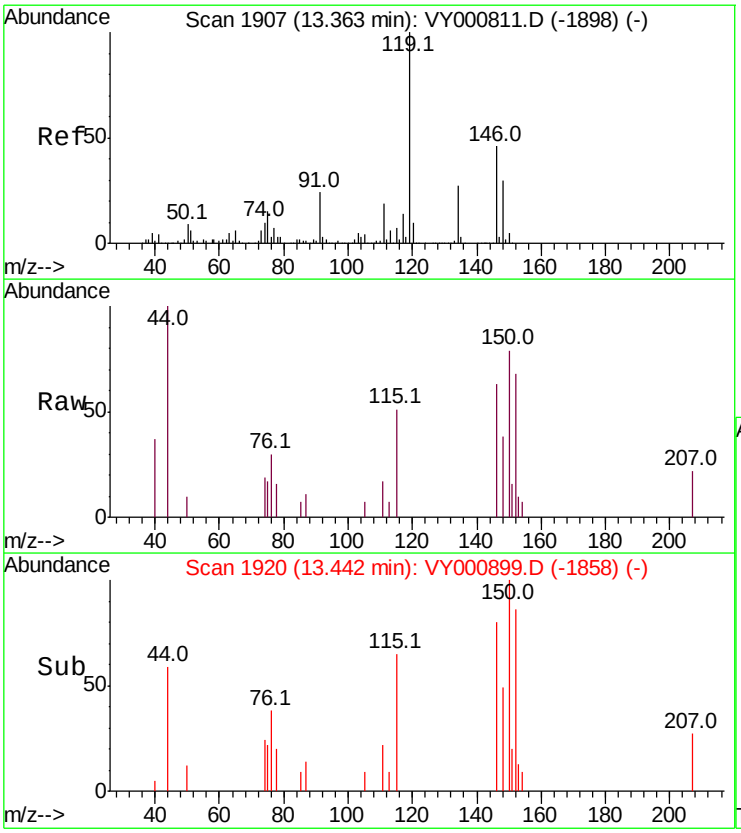
#84
1,2,4-Trimethylbenzene
Concen: 1.282 ug/l
RT: 13.11 min Scan# 1866
Delta R.T. -0.01 min
Lab File: VY000899.D
Acq: 06 Dec 2019 14:18

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:105 Resp: 395

Ion	Ratio	Lower	Upper
105	100		
120	104.8	22.6	67.8#

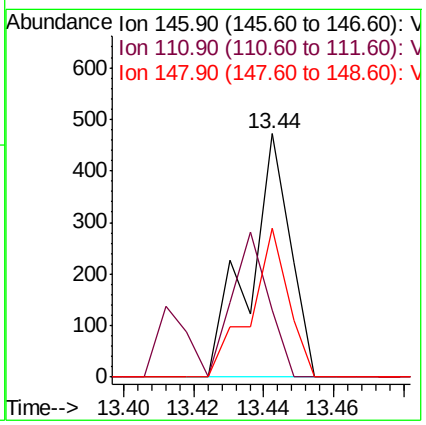


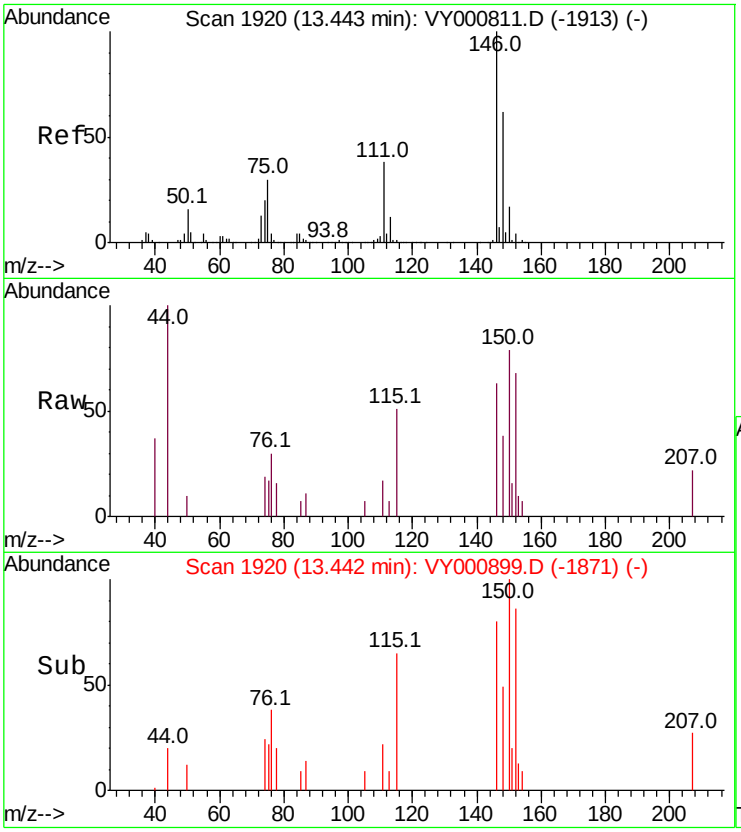


#87
1,3-Dichlorobenzene
Concen: 2.421 ug/l
RT: 13.44 min Scan# 1920
Delta R.T. 0.08 min
Lab File: VY000899.D
Acq: 06 Dec 2019 14:18

Tgt Ion:146 Resp: 383

Ion	Ratio	Lower	Upper
146	100		
111	53.3	20.0	60.0
148	56.7	32.1	96.5



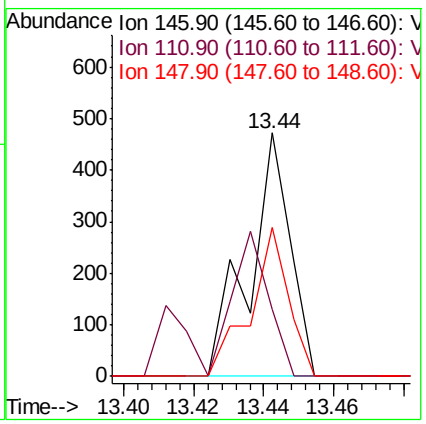


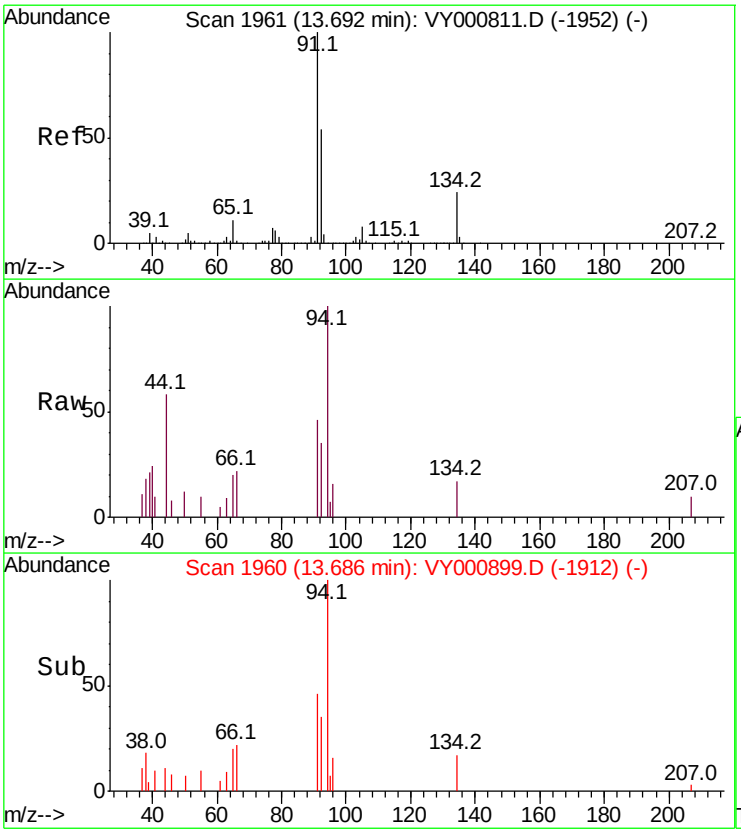
#88
1,4-Dichlorobenzene
Concen: 2.445 ug/l
RT: 13.44 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VY000899.D
Acq: 06 Dec 2019 14:18

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:146 Resp: 383

Ion	Ratio	Lower	Upper
146	100		
111	53.3	20.0	59.9
148	56.7	31.7	95.1

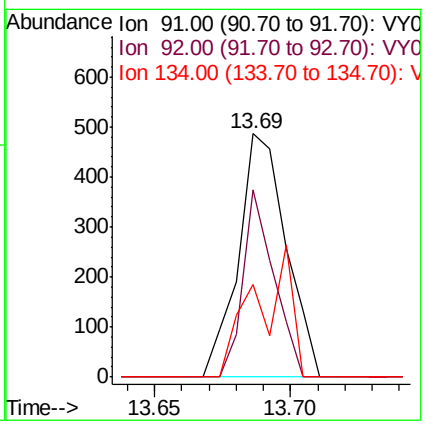


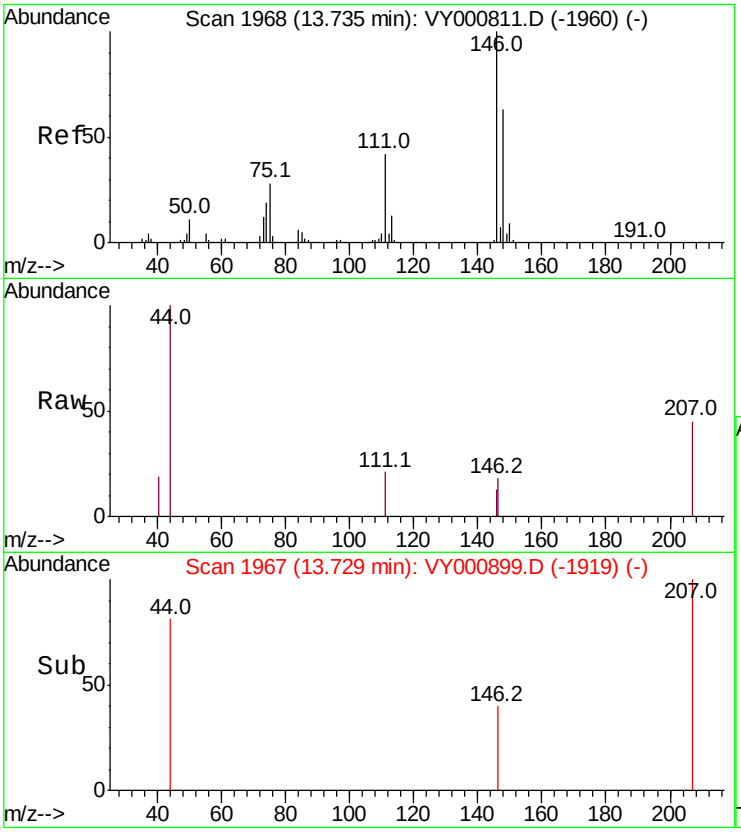


#89
n-Butylbenzene
Concen: 1.787 ug/l
RT: 13.69 min Scan# 1960
Delta R.T. -0.01 min
Lab File: VY000899.D
Acq: 06 Dec 2019 14:18

Tgt Ion: 91 Resp: 592

Ion	Ratio	Lower	Upper
91	100		
92	49.7	26.9	80.7
134	40.5	12.6	37.6#



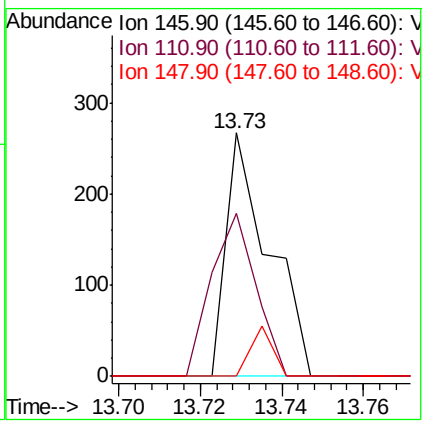


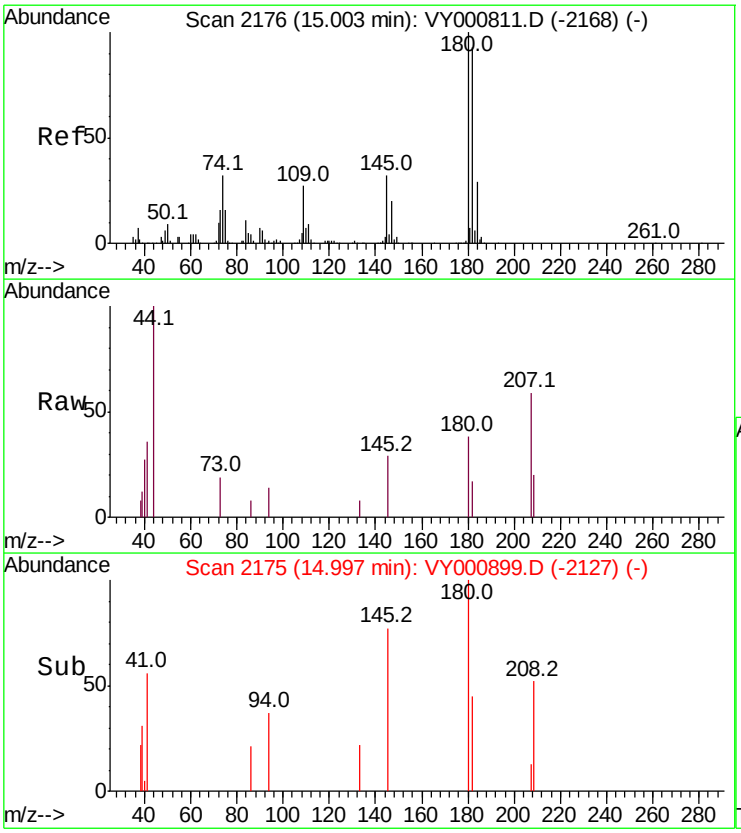
#91
1,2-Dichlorobenzene
Concen: 1.363 ug/l
RT: 13.73 min Scan# 1967
Delta R.T. -0.01 min
Lab File: VY000899.D
Acq: 06 Dec 2019 14:18

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:146 Resp: 194

Ion	Ratio	Lower	Upper
146	100		
111	69.6	20.9	62.7#
148	10.3	32.1	96.3#

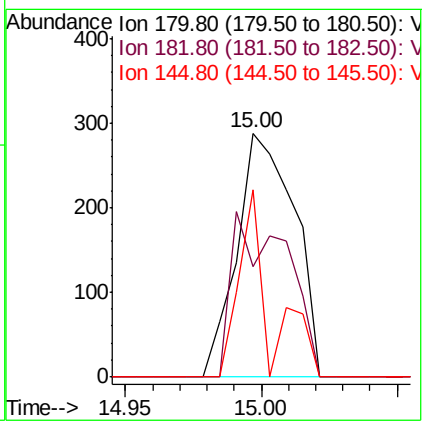


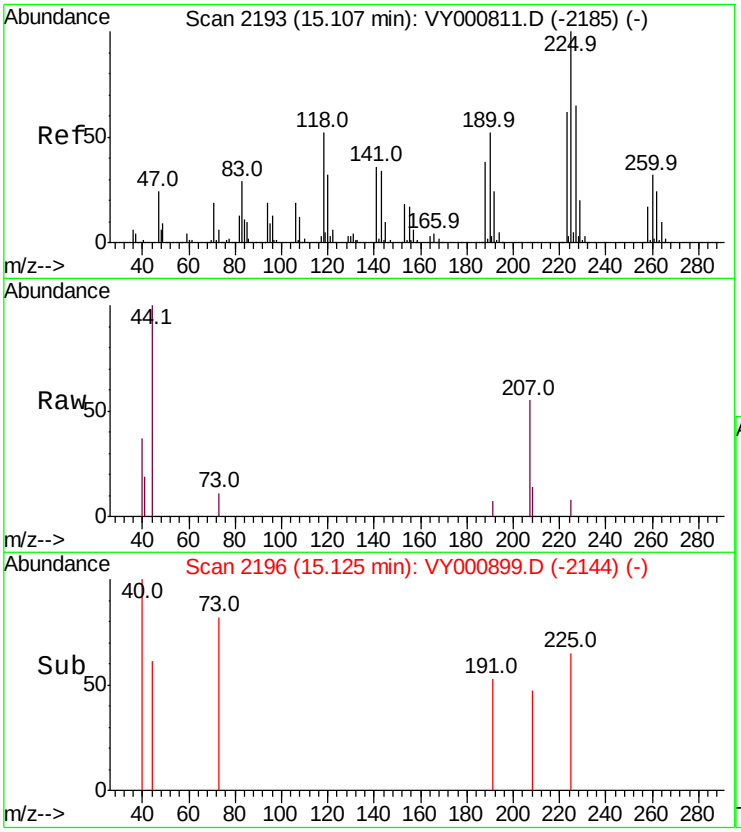


#93
1,2,4-Trichlorobenzene
Concen: 4.372 ug/l
RT: 15.00 min Scan# 2175
Delta R.T. -0.01 min
Lab File: VY000899.D
Acq: 06 Dec 2019 14:18

Tgt Ion:180 Resp: 421

Ion	Ratio	Lower	Upper
180	100		
182	64.8	47.3	141.9
145	41.6	16.0	47.9



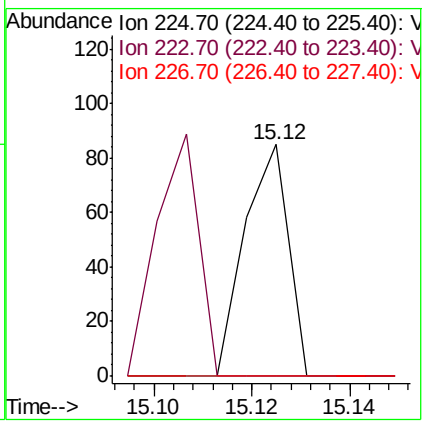


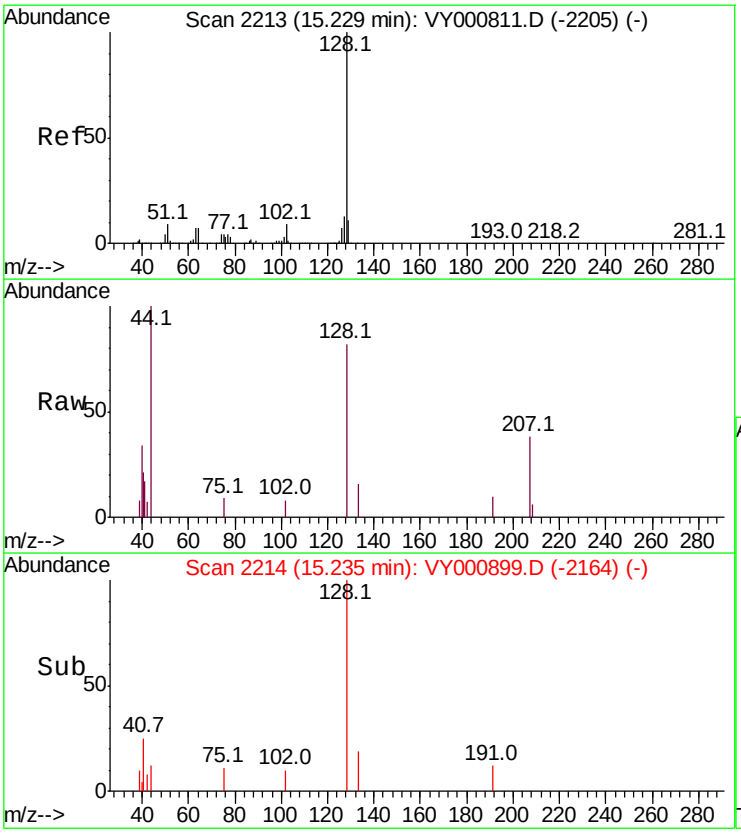
#94
Hexachlorobutadiene
Concen: 1.089 ug/l
RT: 15.12 min Scan# 2196
Delta R.T. 0.02 min
Lab File: VY000899.D
Acq: 06 Dec 2019 14:18

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:225 Resp: 52

Ion	Ratio	Lower	Upper
225	100		
223	101.9	31.4	94.3#
227	0.0	31.8	95.3#

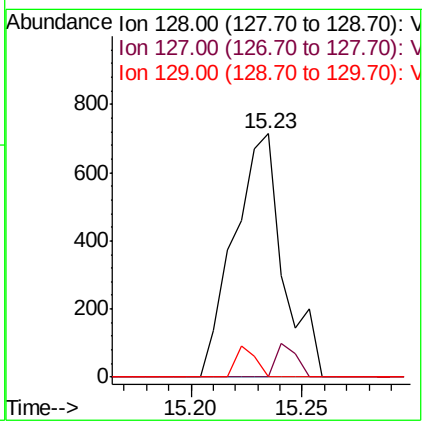


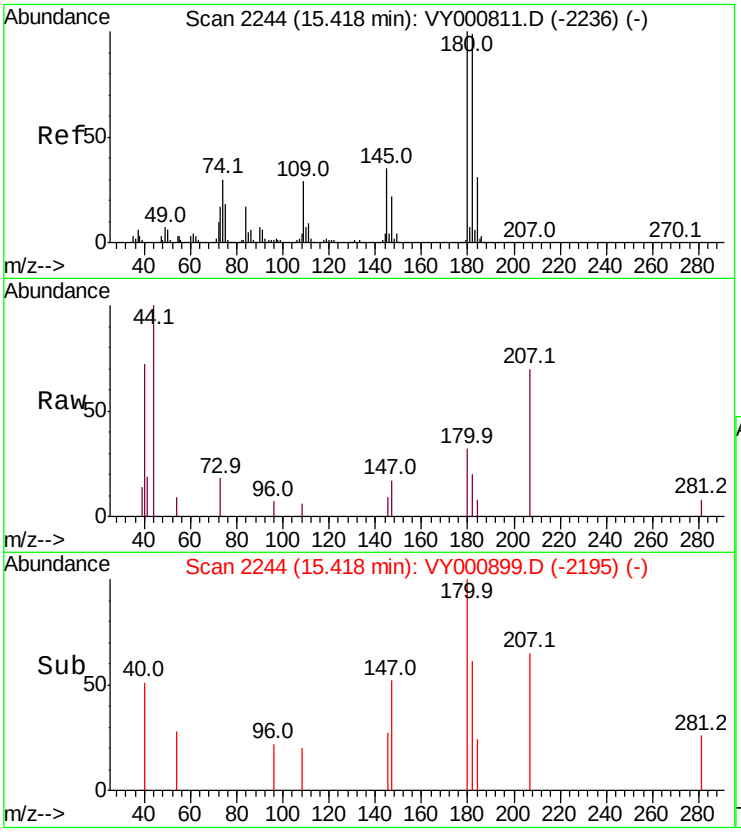


#95
Naphthalene
Concen: 4.897 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.01 min
Lab File: VY000899.D
Acq: 06 Dec 2019 14:18

Tgt Ion:128 Resp: 1095

Ion	Ratio	Lower	Upper
128	100		
127	5.6	10.1	15.1#
129	5.2	8.8	13.2#





#96
1,2,3-Trichlorobenzene
Concen: 4.243 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. -0.00 min
Lab File: VY000899.D
Acq: 06 Dec 2019 14:18

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:180 Resp: 365

Ion	Ratio	Lower	Upper
180	100		
182	46.6	48.0	144.0#
145	15.6	16.9	50.6#