Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY070920\
Data File : VY003147.D
Acq On : 09 Jul 2020 16:33
Operator : SY/MD
Sample : L3255-07
Misc : 6.86G/5ML/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : RBR-07

Quant Time: Jul 10 03:43:20 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 30 04:11:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.80	168	286210	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.69	114	455446	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.49	117	344091	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	100902	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.14	65	144727	50.91	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.82%				
35) Dibromofluoromethane	7.72	113	146525	51.57	ug/l		0.00
Spiked Amount 50.000			Recovery = 103.14%				
50) Toluene-d8	10.18	98	500325	47.27	ug/l		0.00
Spiked Amount 50.000			Recovery = 94.54%				
62) 4-Bromofluorobenzene	12.48	95	122306	32.83	ug/l		0.00
Spiked Amount 50.000			Recovery = 65.66%				
Target Compounds							Qvalue
11) Tert butyl alcohol	4.96	59	49781	171.838	ug/l		98
13) Acrolein	3.74	56	590	2.268	ug/l	#	1
16) Acetone	3.96	43	19897	29.678	ug/l		90
18) Methyl Acetate	4.49	43	2242	1.241	ug/l		94
20) Methylene Chloride	4.72	84	26034	2.012	ug/l	#	90
25) 2-Butanone	7.00	43	8392	7.880	ug/l	#	77
31) Cyclohexane	7.80	56	5500	1.100	ug/l	#	1
36) 1,1-Dichloropropene	7.79	75	18726	4.268	ug/l	#	54
38) Carbon Tetrachloride	7.80	117	25250	5.532	ug/l	#	16
49) 1,4-Dioxane	9.30	88	168	7.626	ug/l	#	1
55) 1,1,2-Trichloroethane	10.63	97	5041	2.010	ug/l	#	20
73) Isopropylbenzene	12.33	105	7936	1.202	ug/l		89
74) N-amyl acetate	12.13	43	3889	1.809	ug/l	#	62
75) 1,1,2,2-Tetrachloroethane	12.54	83	3038	2.280	ug/l	#	43
76) 1,2,3-Trichloropropane	12.48	75	59099	59.181	ug/l	#	100
79) 2-Chlorotoluene	12.76	91	6963	1.571	ug/l		75
80) 1,3,5-Trimethylbenzene	12.81	105	9828	1.774	ug/l		99
81) trans-1,4-Dichloro-2-buten	12.48	75	59099	115.141	ug/l	#	14
84) 1,2,4-Trimethylbenzene	12.97	105	8329	1.492	ug/l		90
85) sec-Butylbenzene	13.25	105	11727	1.749	ug/l	#	64
86) p-Isopropyltoluene	13.37	119	15683	2.524	ug/l		94
89) n-Butylbenzene	13.67	91	11098	1.866	ug/l	#	1
93) 1,2,4-Trichlorobenzene	15.01	180	4252	2.018	ug/l	#	1
95) Naphthalene	15.23	128	5936	1.542	ug/l	#	18
96) 1,2,3-Trichlorobenzene	15.45	180	5772	3.154	ug/l	#	12

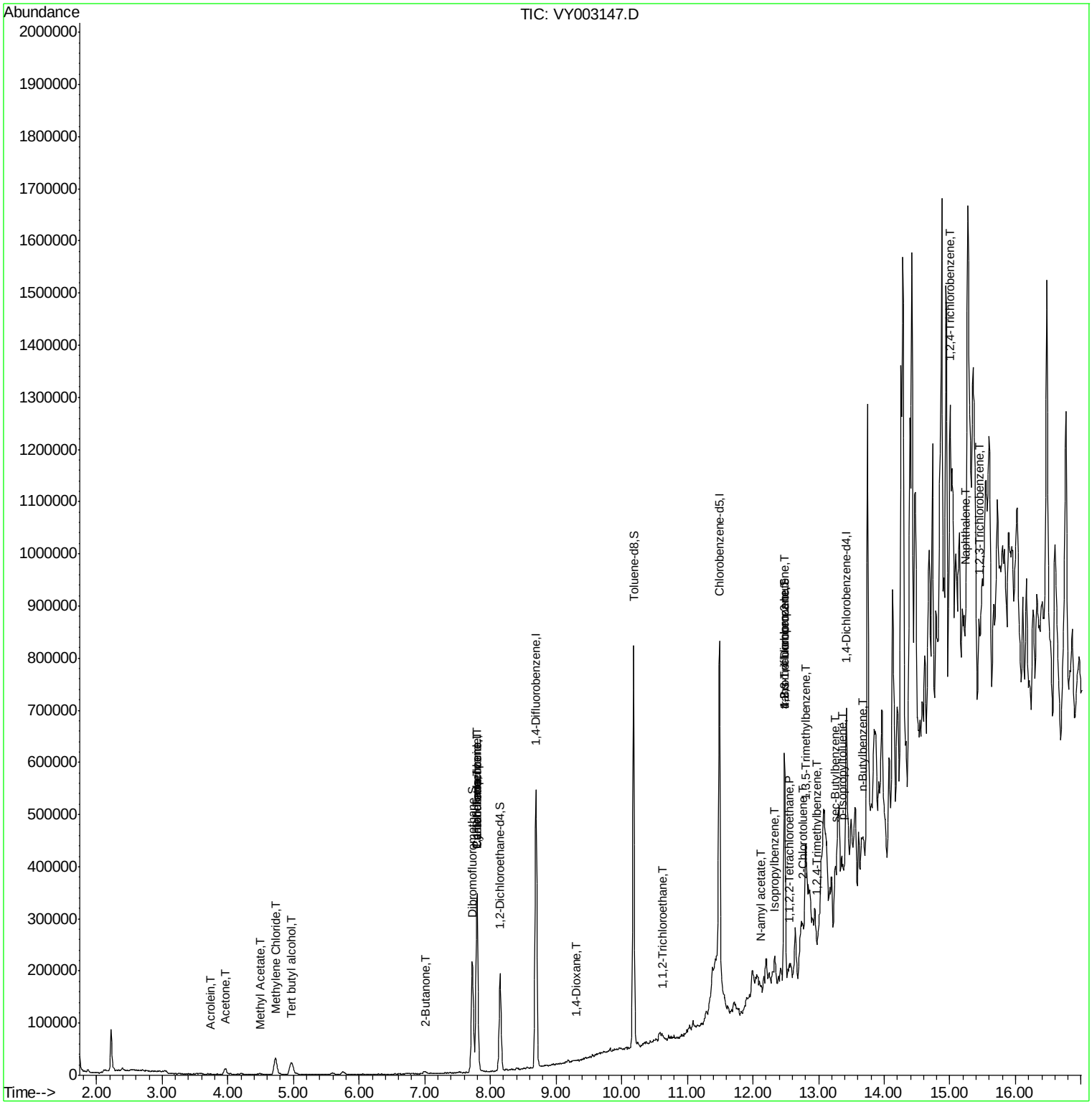
(#) = qualifier out of range (m) = manual integration (+) = signals summed

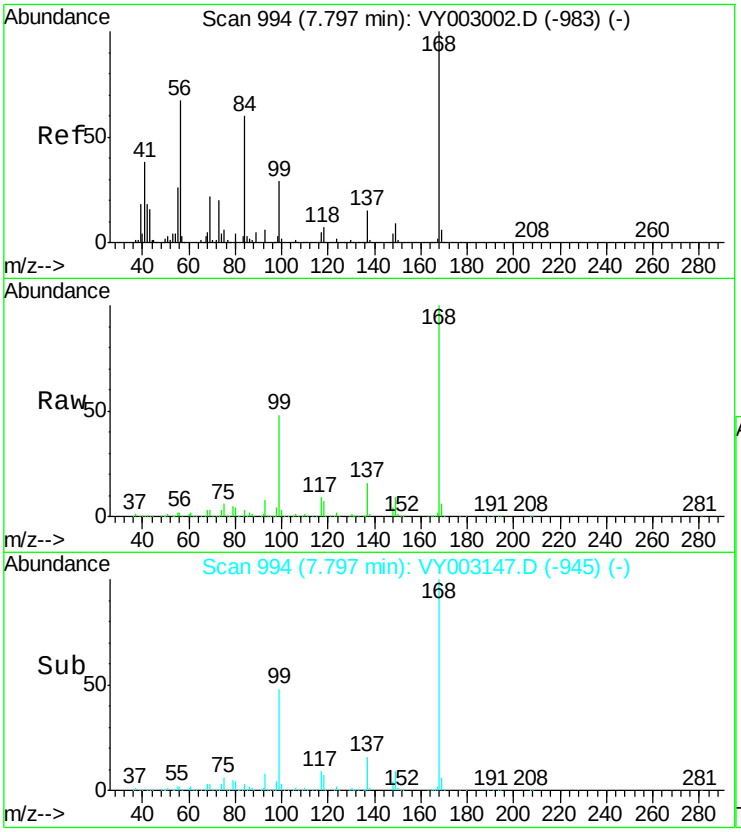
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY070920\
Data File : VY003147.D
Acq On : 09 Jul 2020 16:33
Operator : SY/MD
Sample : L3255-07
Misc : 6.86G/5ML/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : RBR-07

Quant Time: Jul 10 03:43:20 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 30 04:11:35 2020
Response via : Initial Calibration



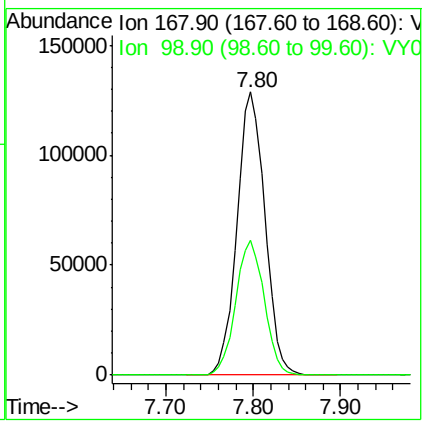


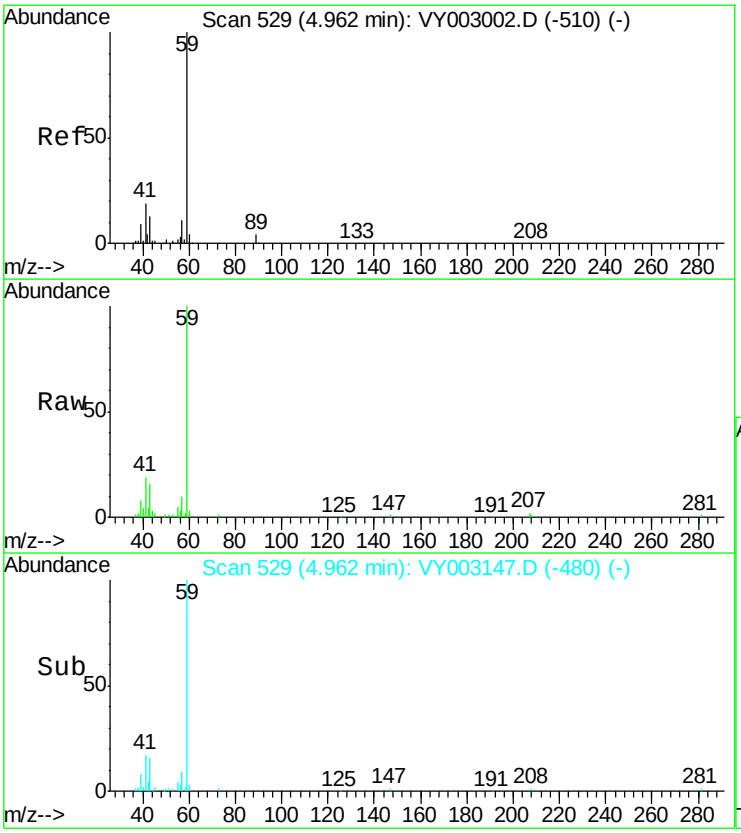
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.00 min
Lab File: VY003147.D
Acq: 09 Jul 2020 16:33

Instrument :
MSVOA_Y
ClientSampleId :
RBR-07

Tgt Ion:168 Resp: 286210

Ion	Ratio	Lower	Upper
168	100		
99	47.7	39.2	58.8

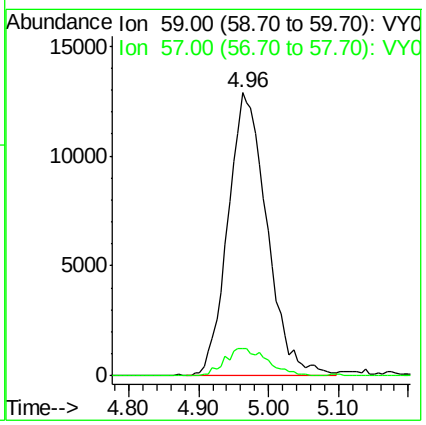


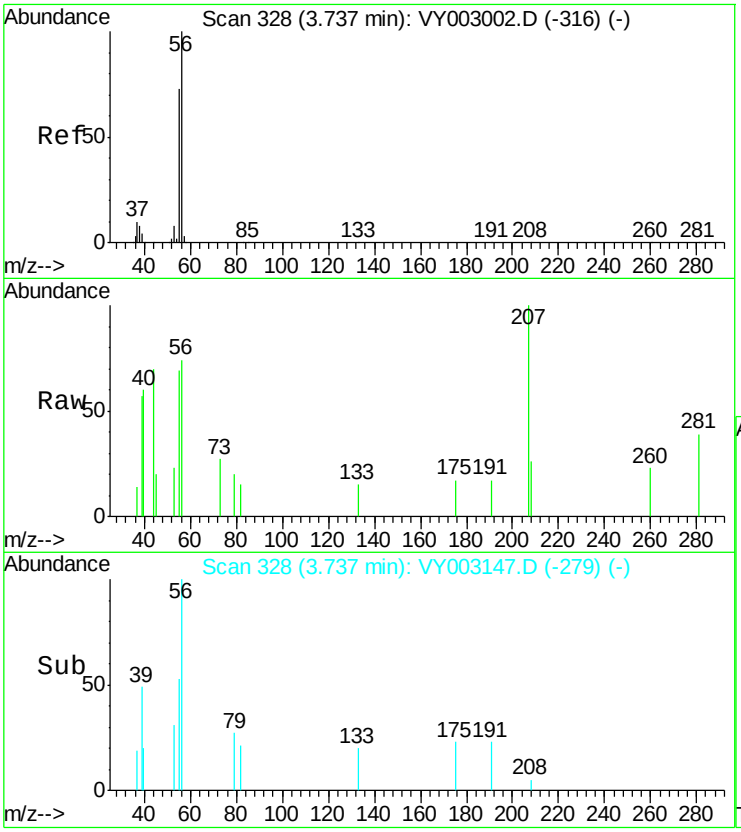


#11
Tert butyl alcohol
Concen: 171.838 ug/l
RT: 4.96 min Scan# 529
Delta R.T. -0.00 min
Lab File: VY003147.D
Acq: 09 Jul 2020 16:33

Tgt Ion: 59 Resp: 49781

Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.0	12.0



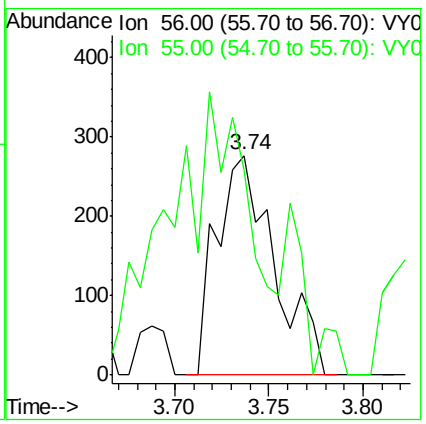


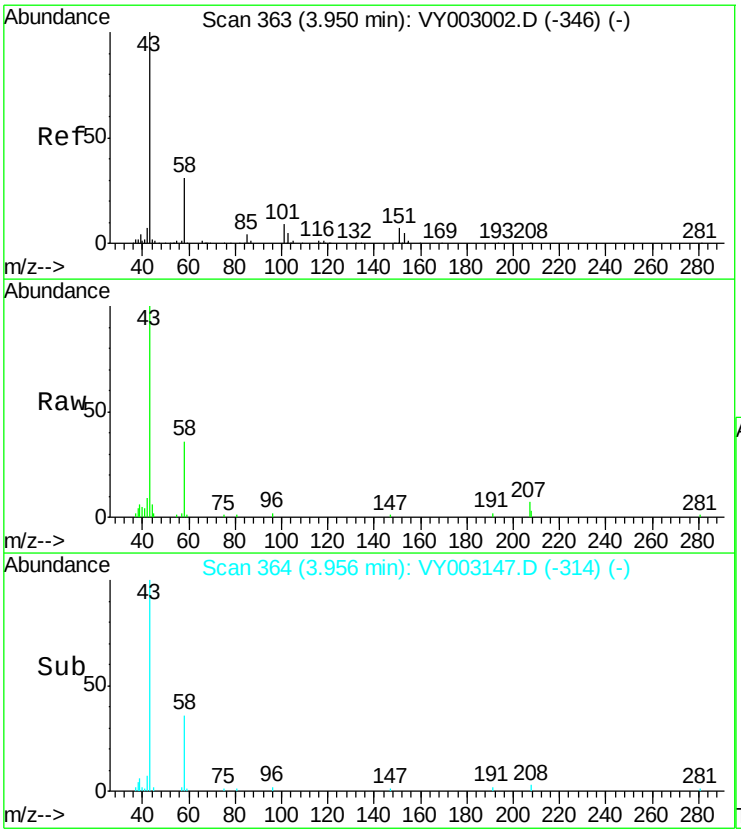
#13
Acrolein
Concen: 2.268 ug/l
RT: 3.74 min Scan# 328
Delta R.T. -0.00 min
Lab File: VY003147.D
Acq: 09 Jul 2020 16:33

Instrument :
MSVOA_Y
ClientSampleId :
RBR-07

Tgt Ion: 56 Resp: 590

Ion	Ratio	Lower	Upper
56	100		
55	178.8	56.4	84.6#

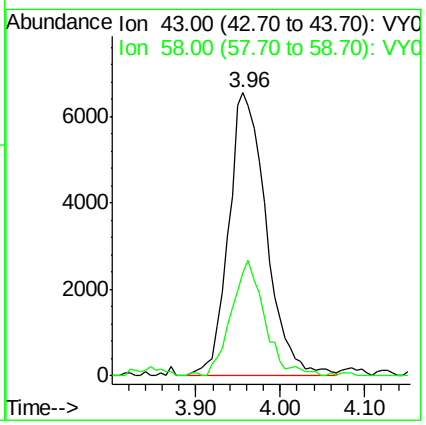


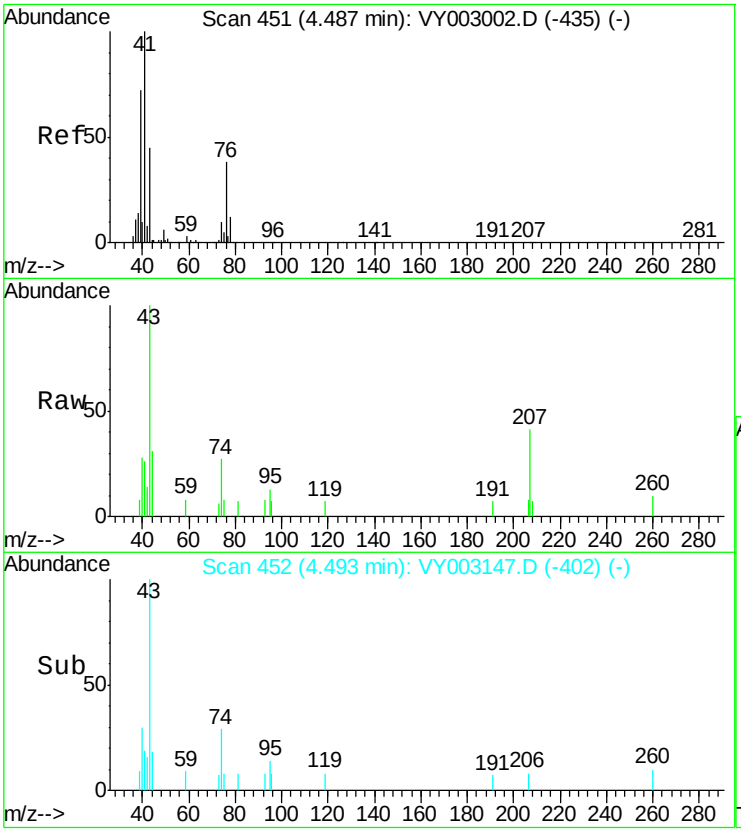


#16
Acetone
Concen: 29.678 ug/l
RT: 3.96 min Scan# 364
Delta R.T. 0.01 min
Lab File: VY003147.D
Acq: 09 Jul 2020 16:33

Tgt Ion: 43 Resp: 19897

Ion	Ratio	Lower	Upper
43	100		
58	36.4	24.7	37.1



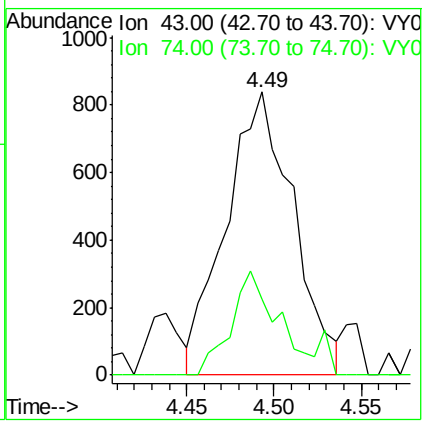


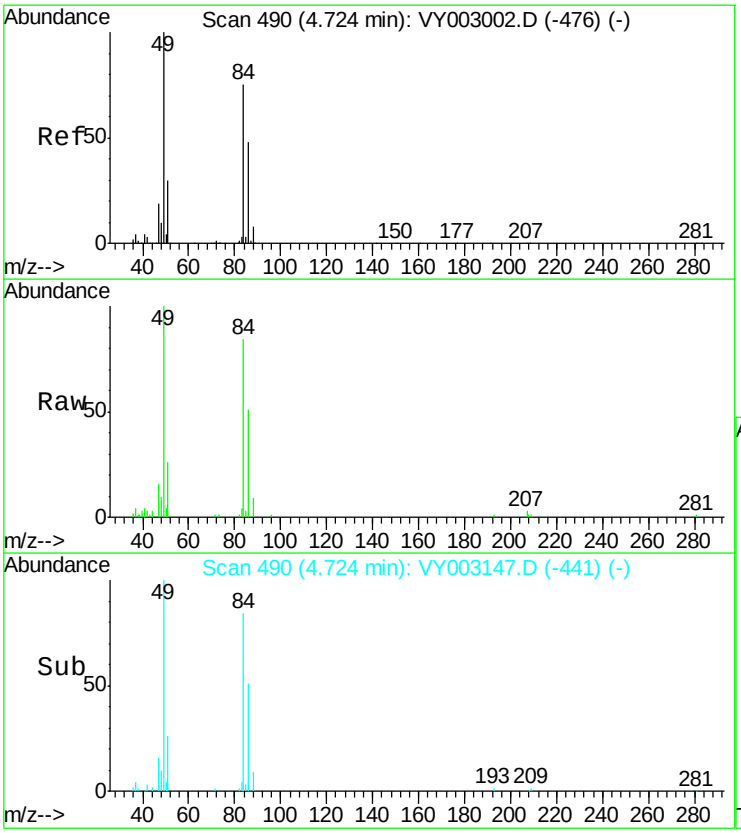
#18
Methyl Acetate
Concen: 1.241 ug/l
RT: 4.49 min Scan# 452
Delta R.T. 0.01 min
Lab File: VY003147.D
Acq: 09 Jul 2020 16:33

Instrument : MSVOA_Y
ClientSampleId : RBR-07

Tgt Ion: 43 Resp: 2242

Ion	Ratio	Lower	Upper
43	100		
74	25.9	18.2	27.4

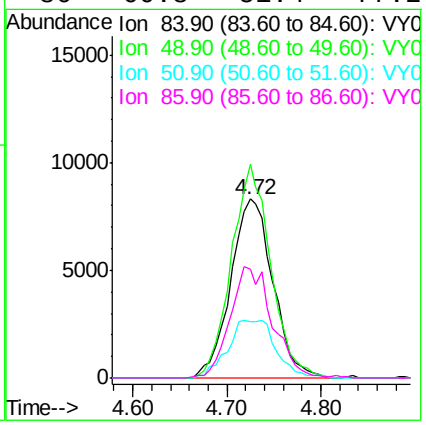


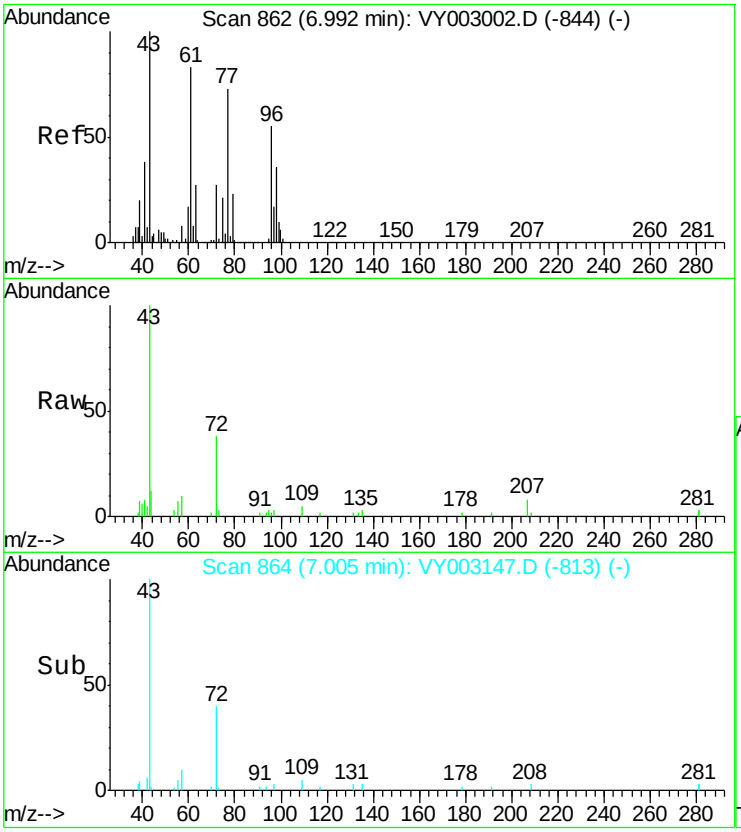


#20
Methylene Chloride
Concen: 2.012 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003147.D
Acq: 09 Jul 2020 16:33

Tgt Ion: 84 Resp: 26034

Ion	Ratio	Lower	Upper
84	100		
49	119.4	106.8	160.2
51	31.5	32.0	48.0#
86	60.8	51.4	77.2



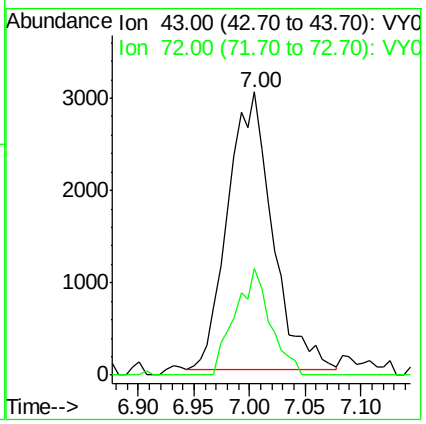


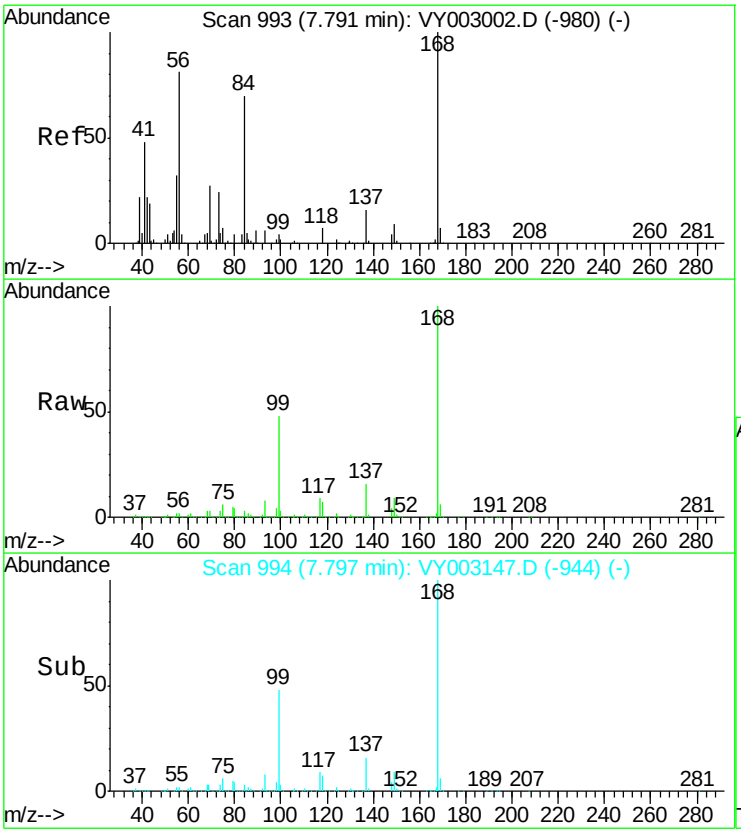
#25
2-Butanone
Concen: 7.880 ug/l
RT: 7.00 min Scan# 864
Delta R.T. 0.01 min
Lab File: VY003147.D
Acq: 09 Jul 2020 16:33

Instrument :
MSVOA_Y
ClientSampleId :
RBR-07

Tgt Ion: 43 Resp: 8392

Ion	Ratio	Lower	Upper
43	100		
72	38.5	21.4	32.0#

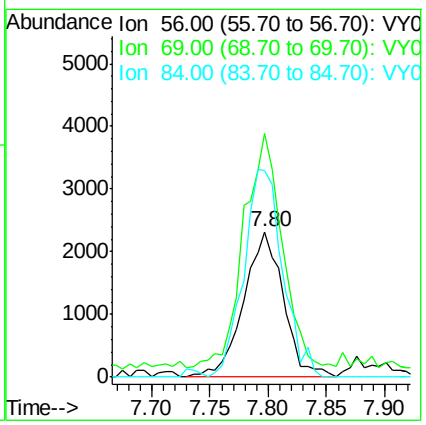


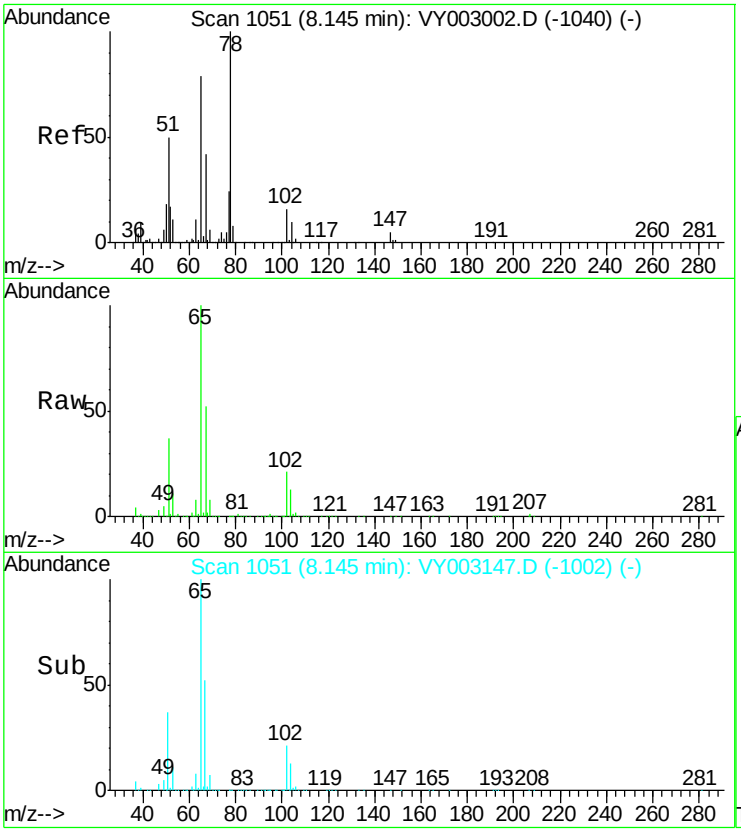


#31
Cyclohexane
Concen: 1.100 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.01 min
Lab File: VY003147.D
Acq: 09 Jul 2020 16:33

Tgt Ion: 56 Resp: 5500

Ion	Ratio	Lower	Upper
56	100		
69	161.1	27.0	40.4#
84	142.5	68.1	102.1#



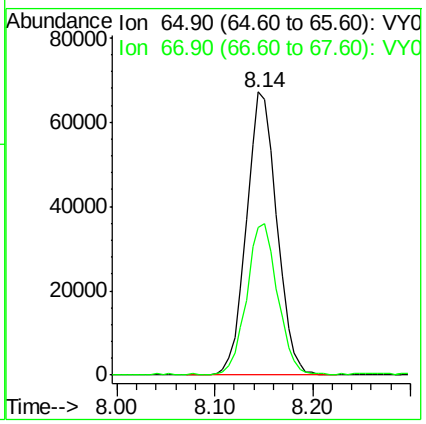


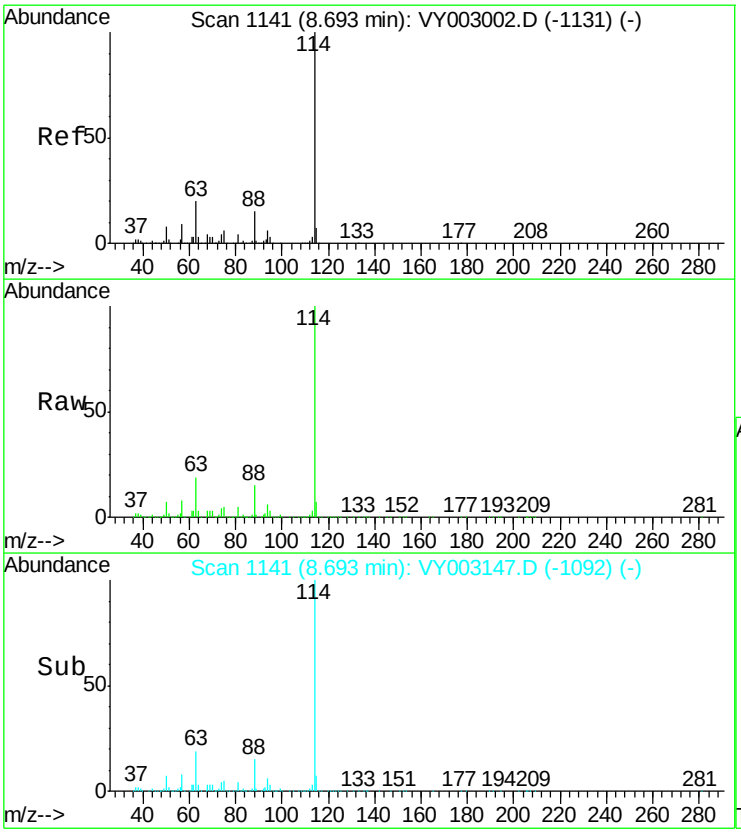
#33
1,2-Dichloroethane-d4
Concen: 50.913 ug/l
RT: 8.14 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VY003147.D
Acq: 09 Jul 2020 16:33

Instrument :
MSVOA_Y
ClientSampleId :
RBR-07

Tgt Ion: 65 Resp: 144727

Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	105.6

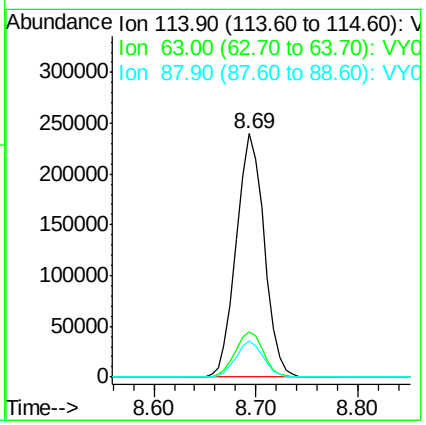


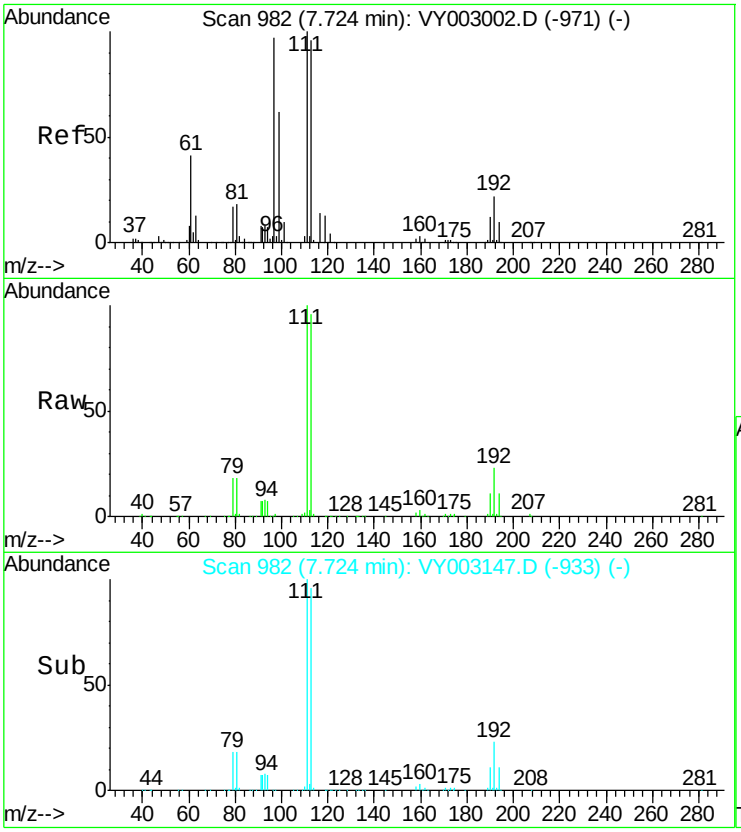


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1141
Delta R.T. -0.00 min
Lab File: VY003147.D
Acq: 09 Jul 2020 16:33

Tgt Ion:114 Resp: 455446

Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	40.6
88	15.0	0.0	30.0



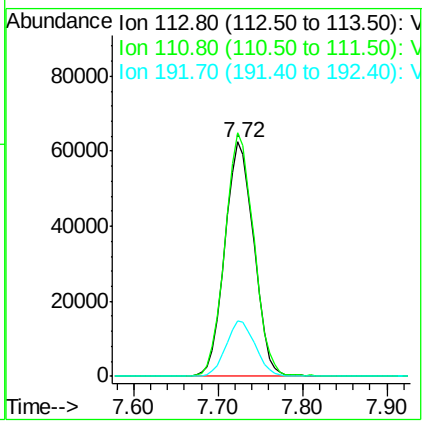


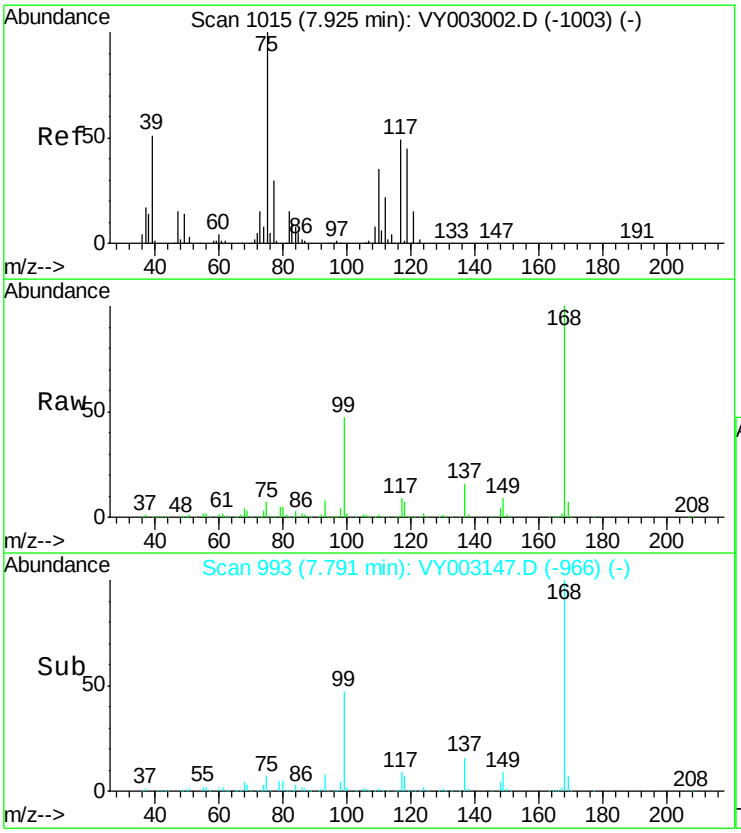
#35
Dibromofluoromethane
Concen: 51.572 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.00 min
Lab File: VY003147.D
Acq: 09 Jul 2020 16:33

Instrument :
MSVOA_Y
ClientSampleId :
RBR-07

Tgt Ion:113 Resp: 146525

Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.6	123.8
192	23.7	18.1	27.1

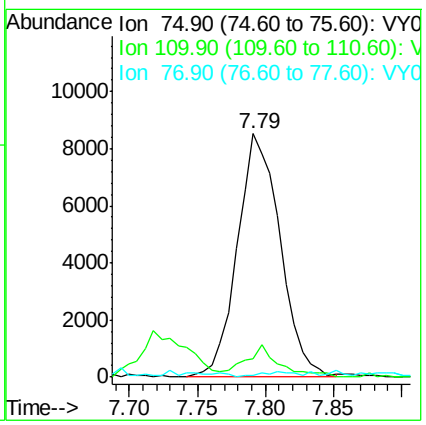


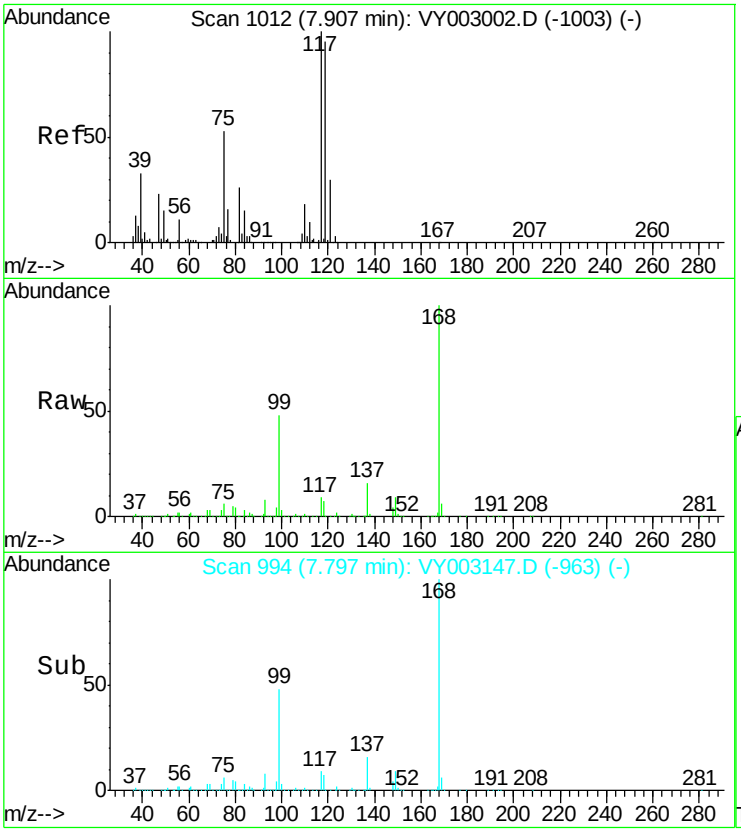


#36
1,1-Dichloropropene
Concen: 4.268 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.13 min
Lab File: VY003147.D
Acq: 09 Jul 2020 16:33

Tgt Ion: 75 Resp: 18726

Ion	Ratio	Lower	Upper
75	100		
110	10.7	17.1	51.2#
77	2.2	24.9	37.3#



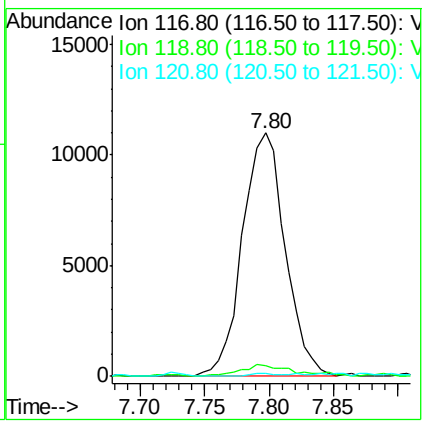


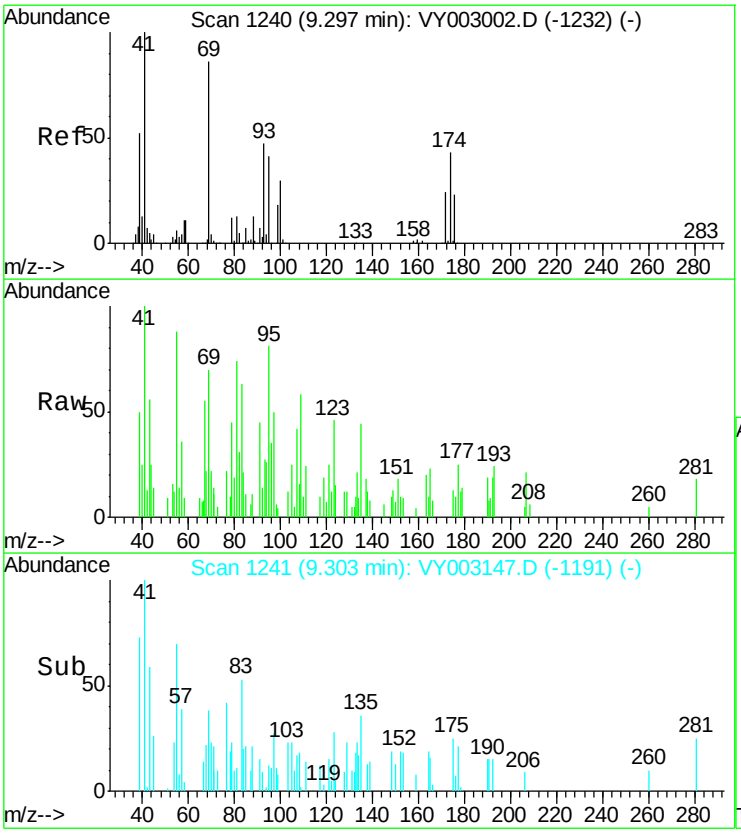
#38
Carbon Tetrachloride
Concen: 5.532 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.11 min
Lab File: VY003147.D
Acq: 09 Jul 2020 16:33

Instrument :
MSVOA_Y
ClientSampleId :
RBR-07

Tgt Ion:117 Resp: 25250

Ion	Ratio	Lower	Upper
117	100		
119	4.5	75.7	113.5#
121	0.5	23.9	35.9#

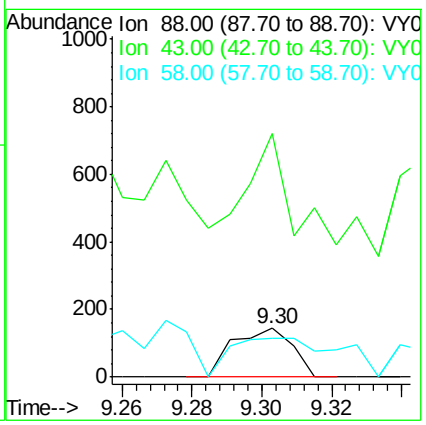


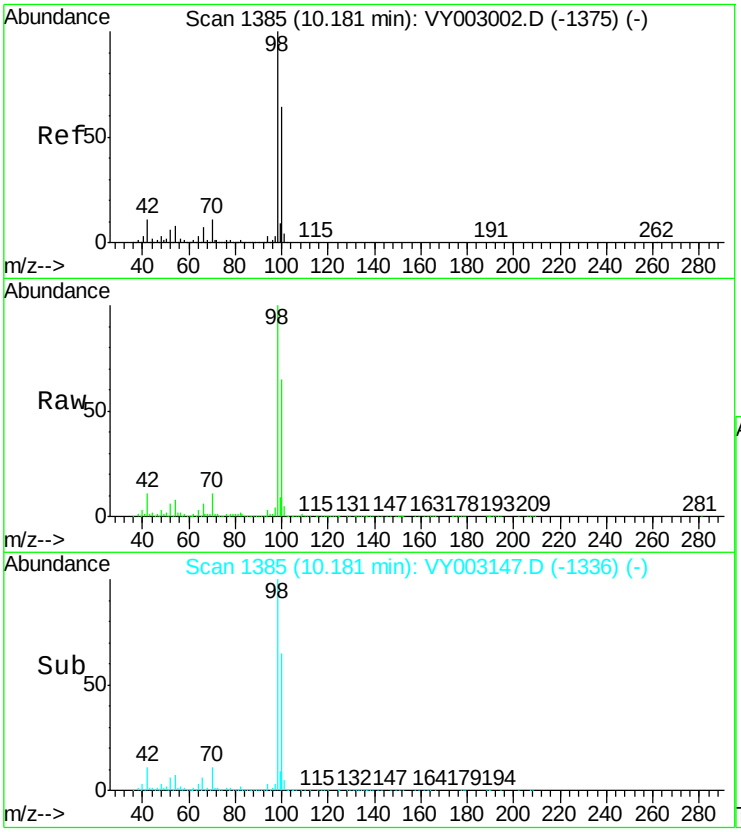


#49
1,4-Dioxane
Concen: 7.626 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VY003147.D
Acq: 09 Jul 2020 16:33

Tgt Ion: 88 Resp: 168

Ion	Ratio	Lower	Upper
88	100		
43	158.9	28.6	42.8#
58	149.4	56.7	85.1#



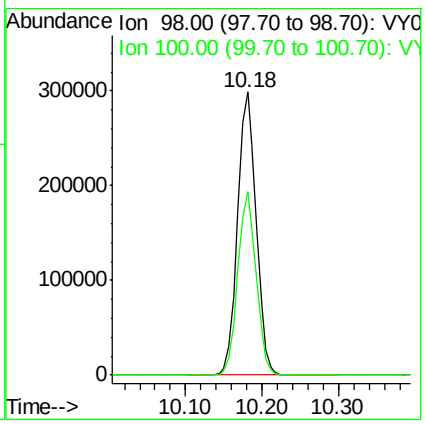


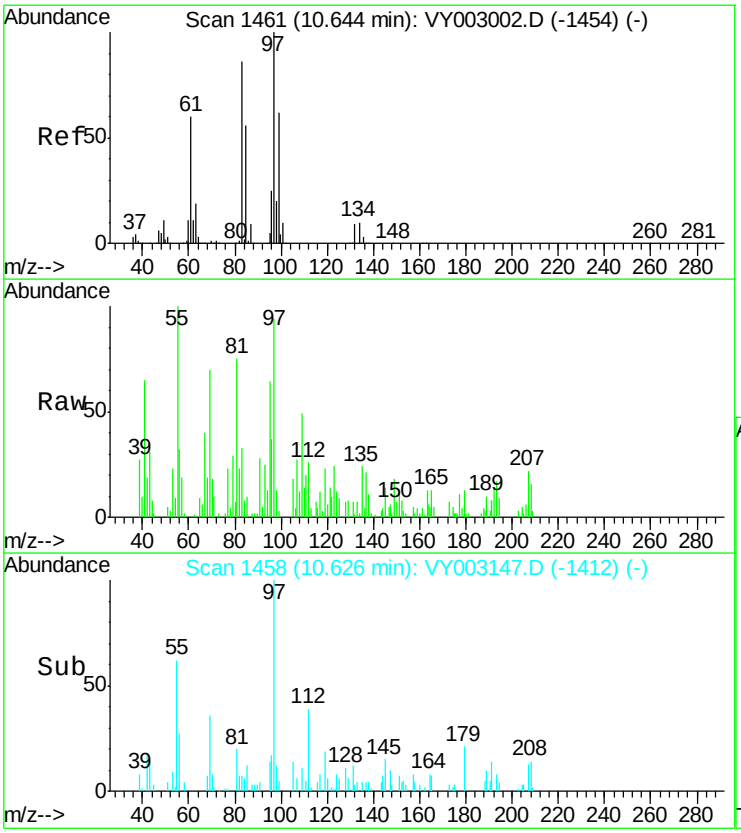
#50
Toluene-d8
Concen: 47.269 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003147.D
Acq: 09 Jul 2020 16:33

Instrument :
MSVOA_Y
ClientSampleId :
RBR-07

Tgt Ion: 98 Resp: 500325

Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.1	76.7

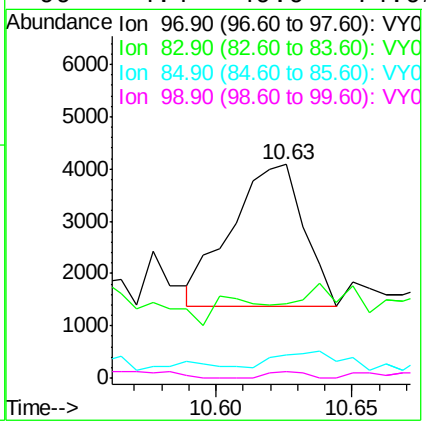


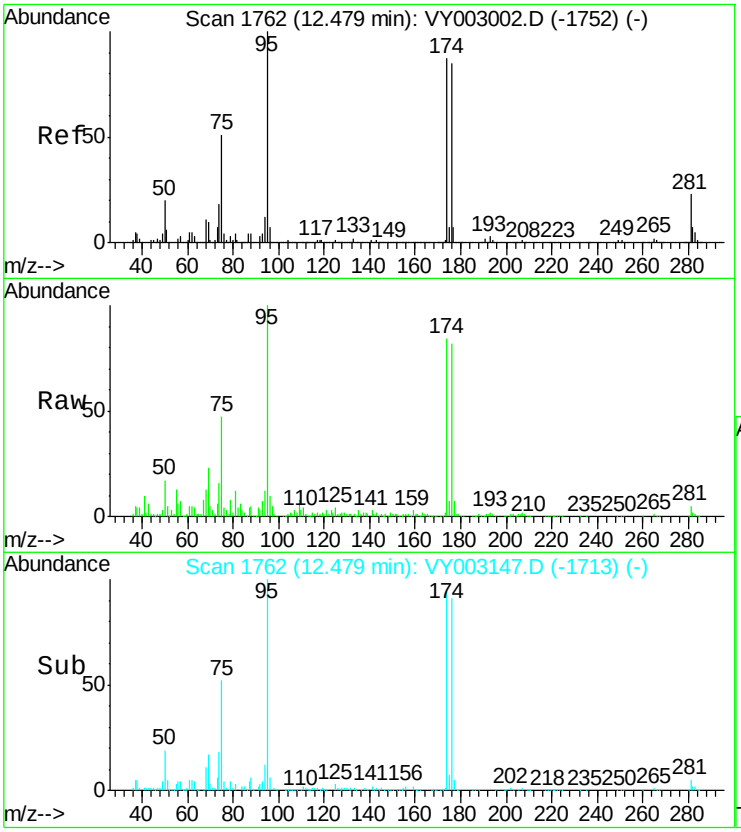


#55
1,1,2-Trichloroethane
Concen: 2.010 ug/l
RT: 10.63 min Scan# 1458
Delta R.T. -0.02 min
Lab File: VY003147.D
Acq: 09 Jul 2020 16:33

Tgt Ion: 97 Resp: 5041

Ion	Ratio	Lower	Upper
97	100		
83	3.9	69.0	103.6#
85	4.8	44.8	67.2#
99	4.4	49.9	74.9#



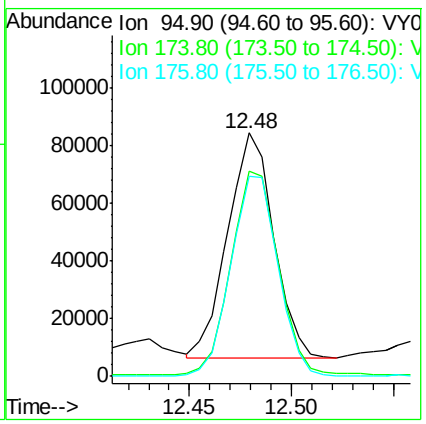


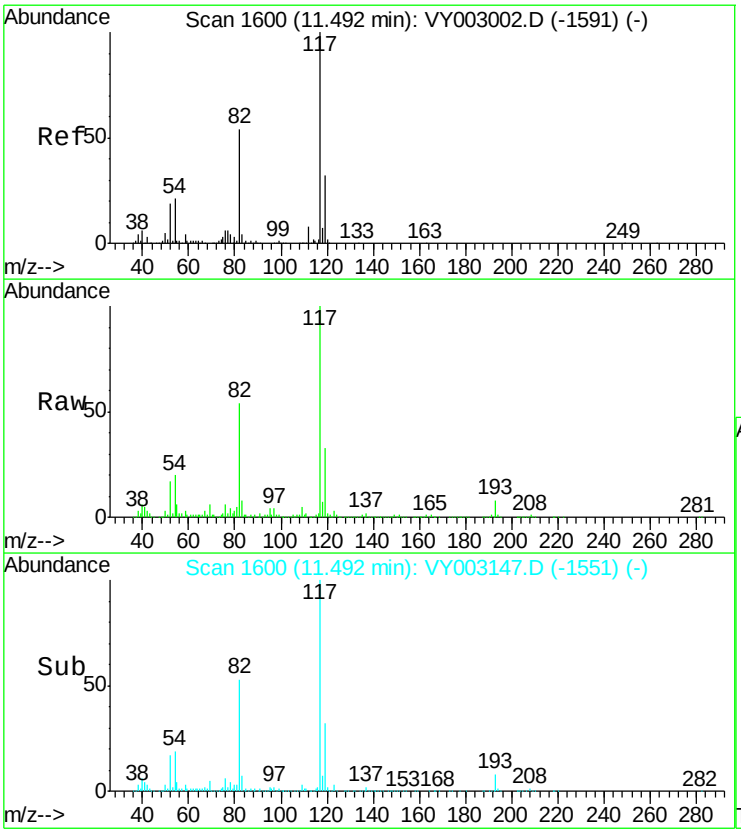
#62
4-Bromofluorobenzene
Concen: 32.827 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY003147.D
Acq: 09 Jul 2020 16:33

Instrument :
MSVOA_Y
ClientSampleId :
RBR-07

Tgt Ion: 95 Resp: 122306

Ion	Ratio	Lower	Upper
95	100		
174	93.9	0.0	184.8
176	91.5	0.0	183.0

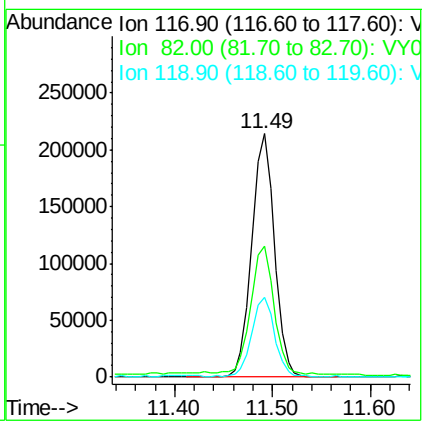


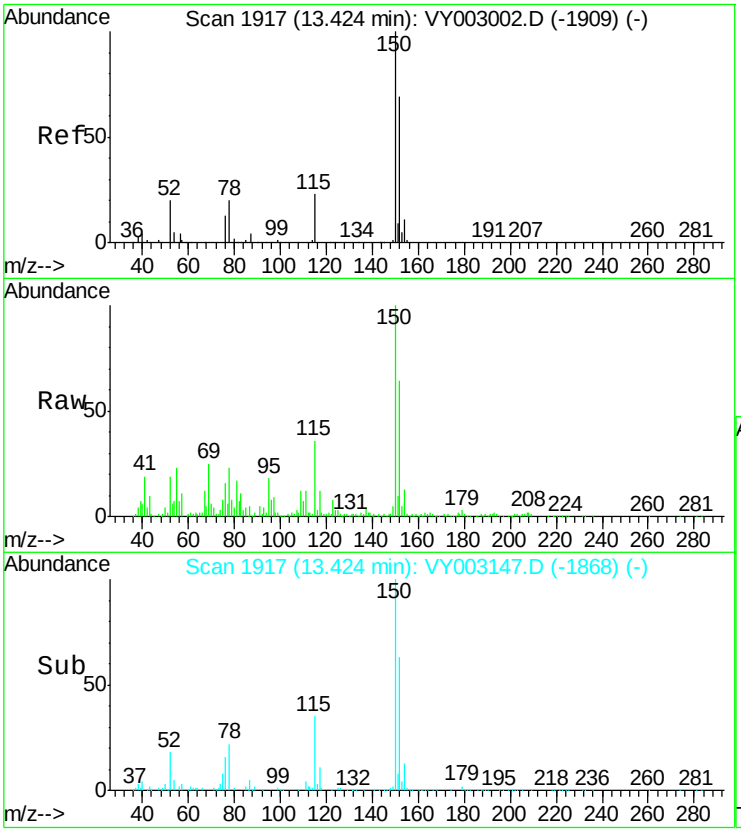


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003147.D
Acq: 09 Jul 2020 16:33

Tgt Ion:117 Resp: 344091

Ion	Ratio	Lower	Upper
117	100		
82	52.8	43.0	64.6
119	32.3	25.8	38.8



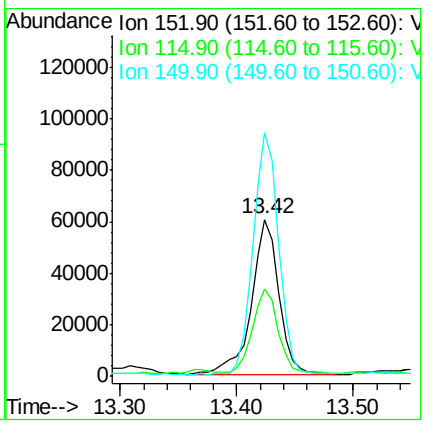


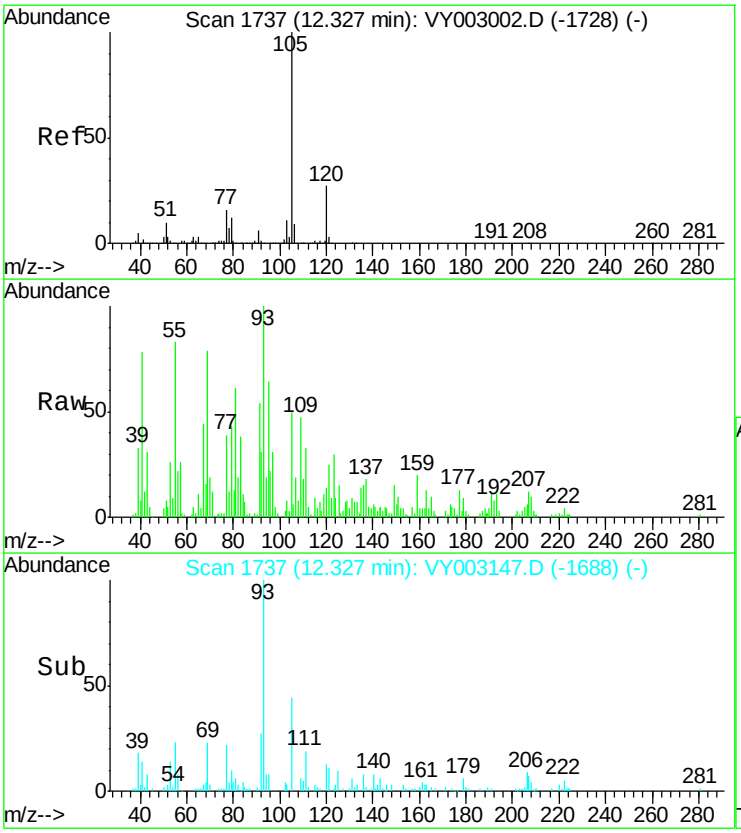
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003147.D
Acq: 09 Jul 2020 16:33

Instrument :
MSVOA_Y
ClientSampleId :
RBR-07

Tgt Ion:152 Resp: 100902

Ion	Ratio	Lower	Upper
152	100		
115	50.7	27.3	81.9
150	141.1	0.0	343.4

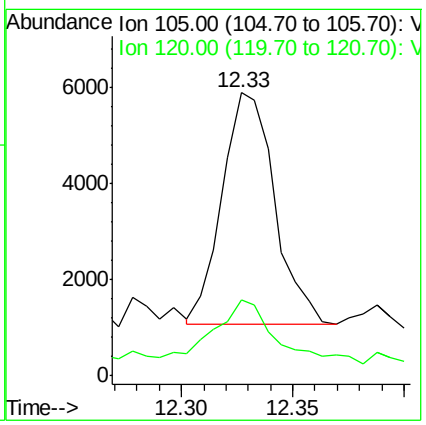


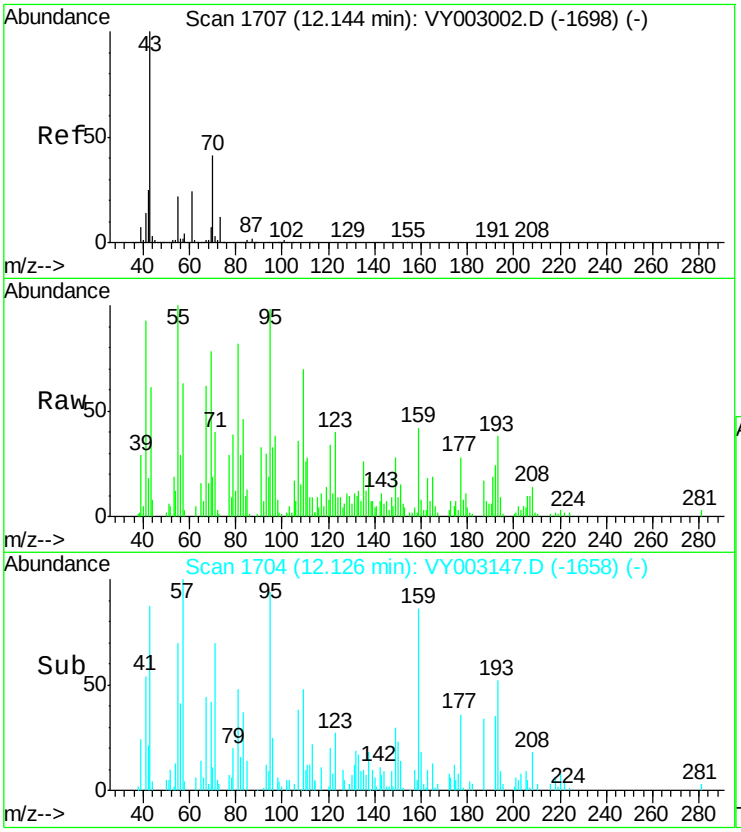


#73
Isopropylbenzene
Concen: 1.202 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VY003147.D
Acq: 09 Jul 2020 16:33

Tgt Ion:105 Resp: 7936

Ion	Ratio	Lower	Upper
105	100		
120	32.5	13.4	40.1



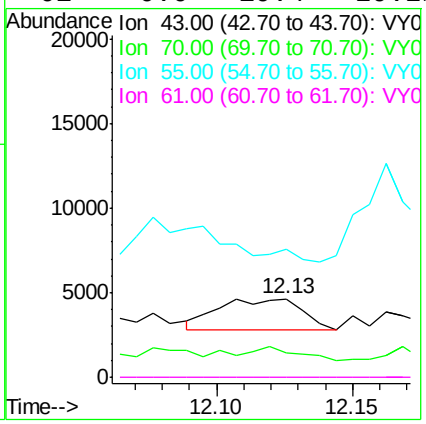


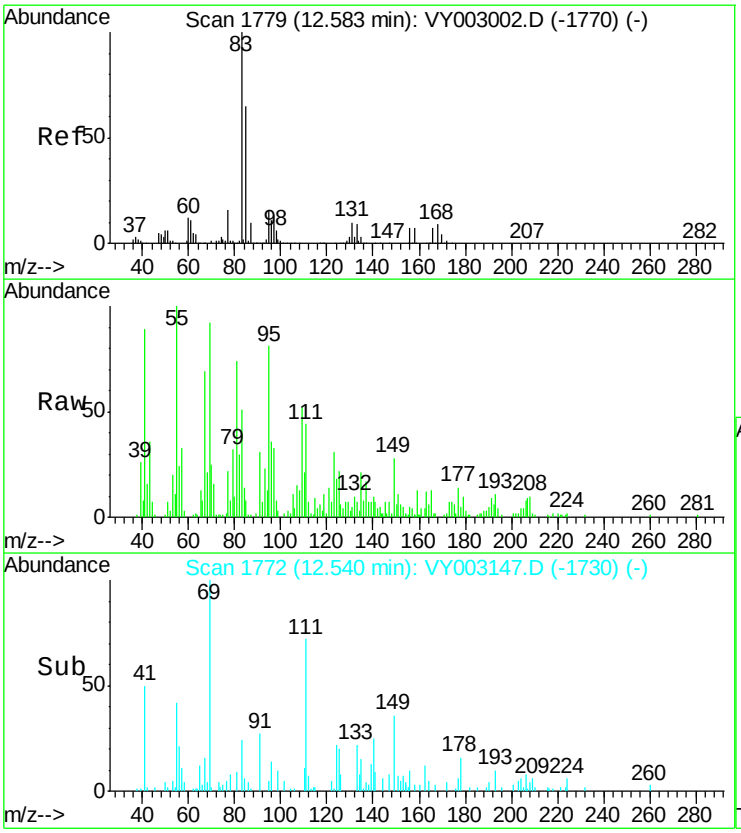
#74
N-amyl acetate
Concen: 1.809 ug/l
RT: 12.13 min Scan# 1704
Delta R.T. -0.02 min
Lab File: VY003147.D
Acq: 09 Jul 2020 16:33

Instrument : MSVOA_Y
ClientSampleId : RBR-07

Tgt Ion: 43 Resp: 3889

Ion	Ratio	Lower	Upper
43	100		
70	24.7	33.0	49.4#
55	0.0	18.2	27.2#
61	0.0	19.4	29.2#

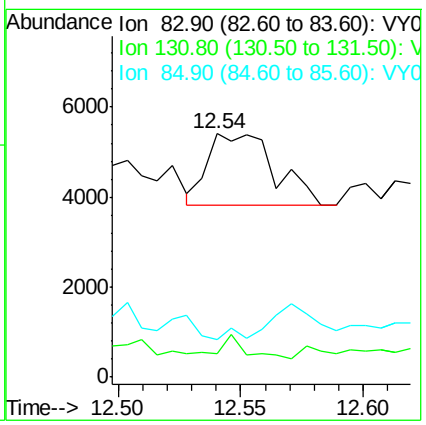


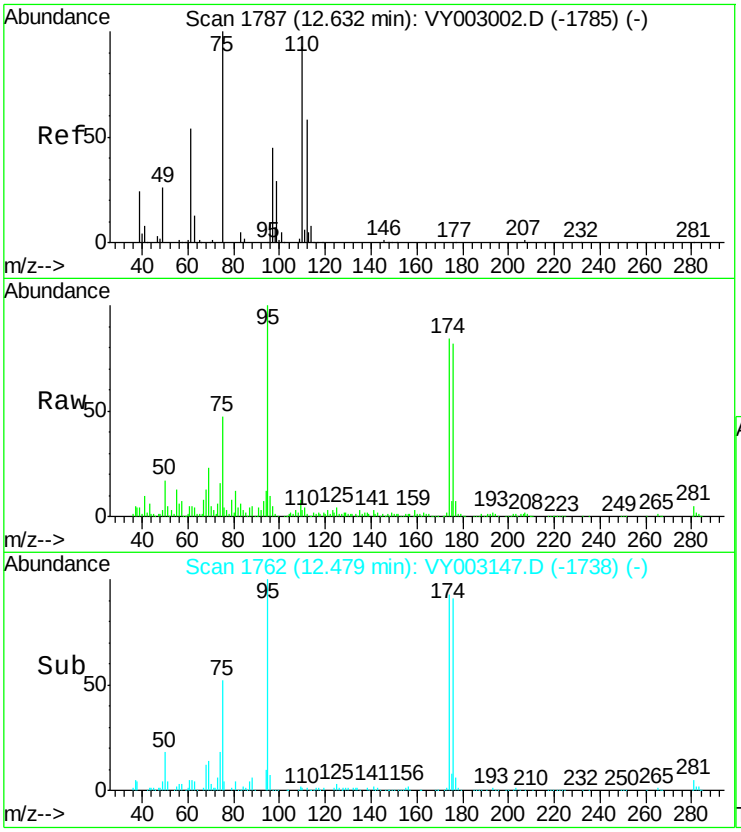


#75
1,1,2,2-Tetrachloroethane
Concen: 2.280 ug/l
RT: 12.54 min Scan# 1772
Delta R.T. -0.04 min
Lab File: VY003147.D
Acq: 09 Jul 2020 16:33

Tgt Ion: 83 Resp: 3038

Ion	Ratio	Lower	Upper
83	100		
131	6.4	5.3	16.1
85	13.2	32.1	96.3#



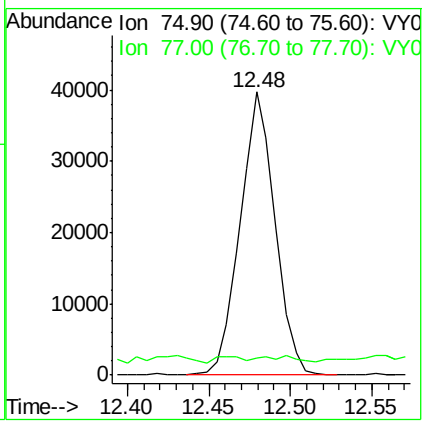


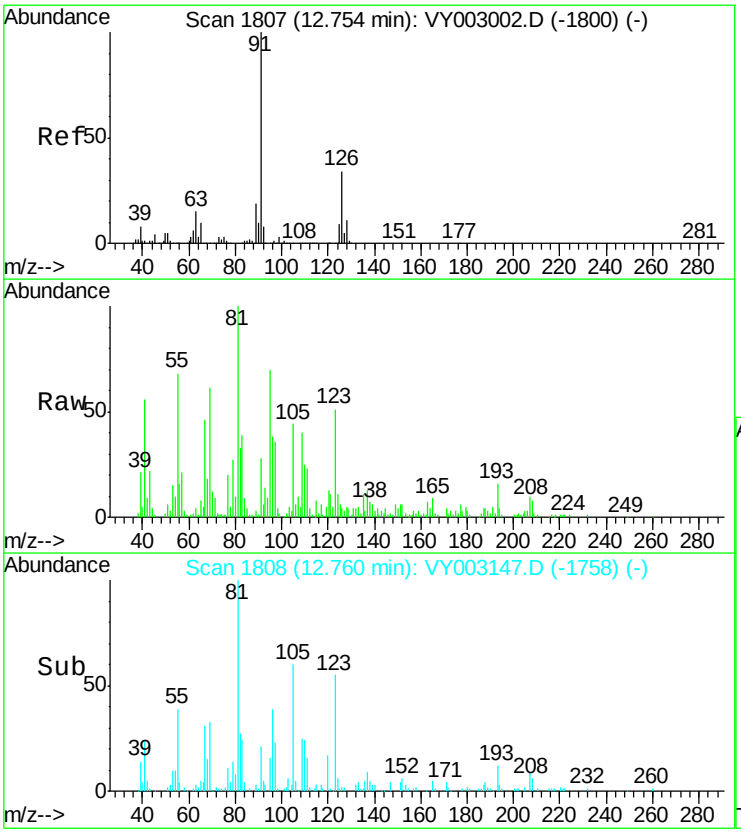
#76
1,2,3-Trichloropropane
Concen: 59.181 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY003147.D
Acq: 09 Jul 2020 16:33

Instrument :
MSVOA_Y
ClientSampleId :
RBR-07

Tgt Ion: 75 Resp: 59099

Ion	Ratio	Lower	Upper
75	100		
77	0.8	0.0	0.0#

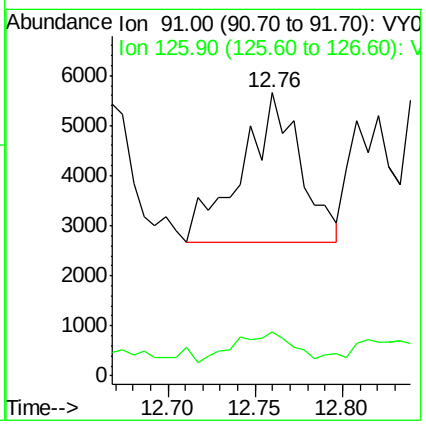


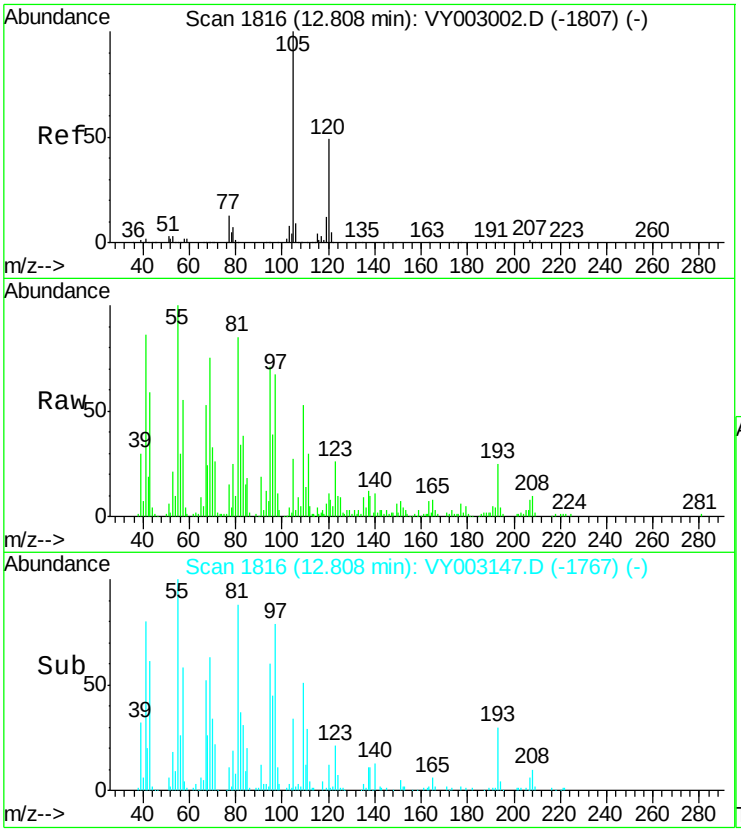


#79
2-Chlorotoluene
Concen: 1.571 ug/l
RT: 12.76 min Scan# 1808
Delta R.T. 0.01 min
Lab File: VY003147.D
Acq: 09 Jul 2020 16:33

Tgt Ion: 91 Resp: 6963

Ion	Ratio	Lower	Upper
91	100		
126	19.6	17.1	51.3



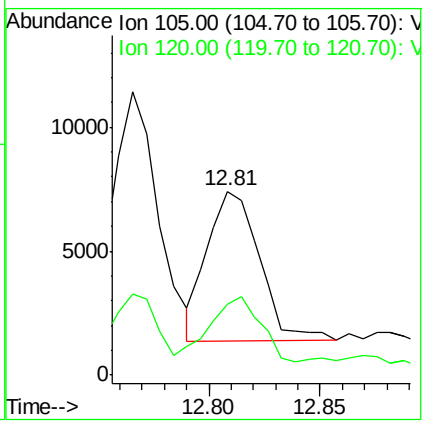


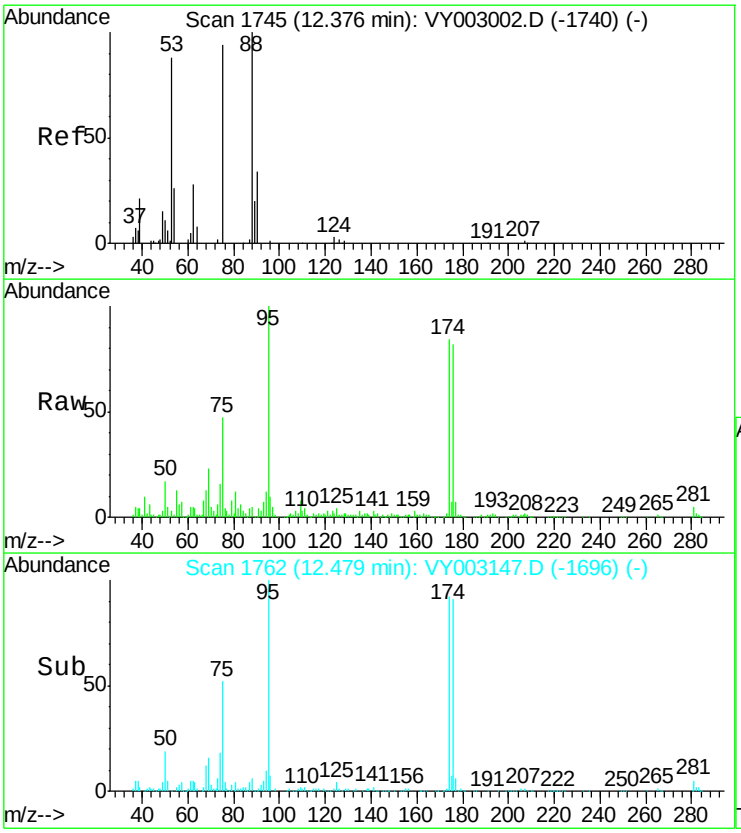
#80
1,3,5-Trimethylbenzene
Concen: 1.774 ug/l
RT: 12.81 min Scan# 1816
Delta R.T. -0.00 min
Lab File: VY003147.D
Acq: 09 Jul 2020 16:33

Instrument :
MSVOA_Y
ClientSampleId :
RBR-07

Tgt Ion:105 Resp: 9828

Ion	Ratio	Lower	Upper
105	100		
120	48.7	24.6	73.6

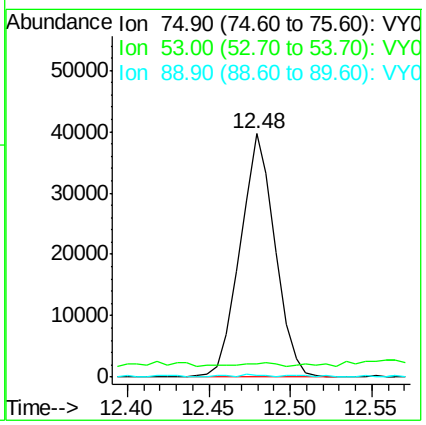


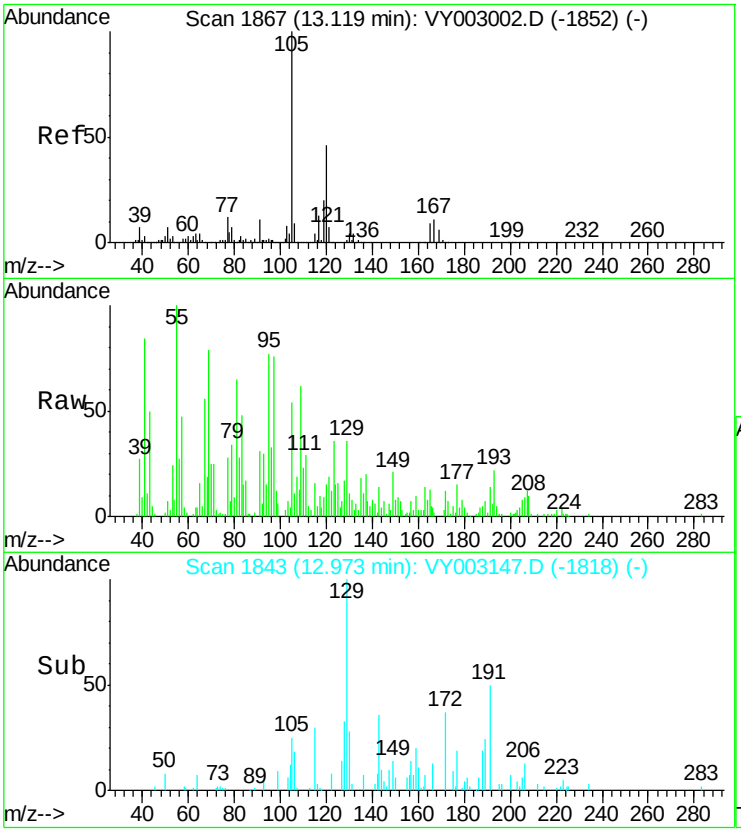


#81
trans-1,4-Dichloro-2-butene
Concen: 115.141 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.10 min
Lab File: VY003147.D
Acq: 09 Jul 2020 16:33

Tgt Ion: 75 Resp: 59099

Ion	Ratio	Lower	Upper
75	100		
53	1.6	73.9	110.9#
89	0.9	37.5	56.3#



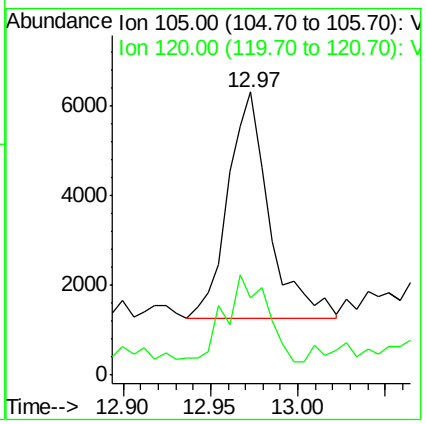


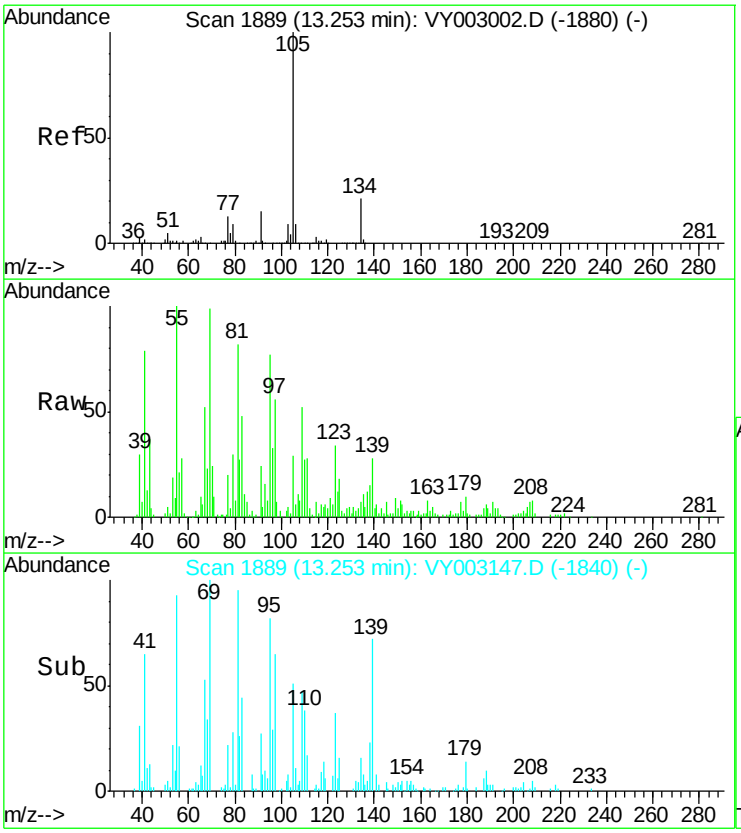
#84
1,2,4-Trimethylbenzene
Concen: 1.492 ug/l
RT: 12.97 min Scan# 1843
Delta R.T. -0.15 min
Lab File: VY003147.D
Acq: 09 Jul 2020 16:33

Instrument :
MSVOA_Y
ClientSampleId :
RBR-07

Tgt Ion:105 Resp: 8329

Ion	Ratio	Lower	Upper
105	100		
120	38.5	22.6	67.8

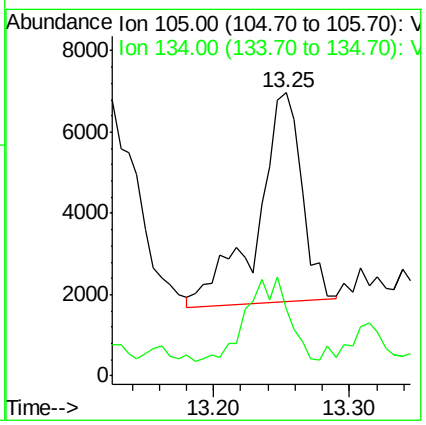


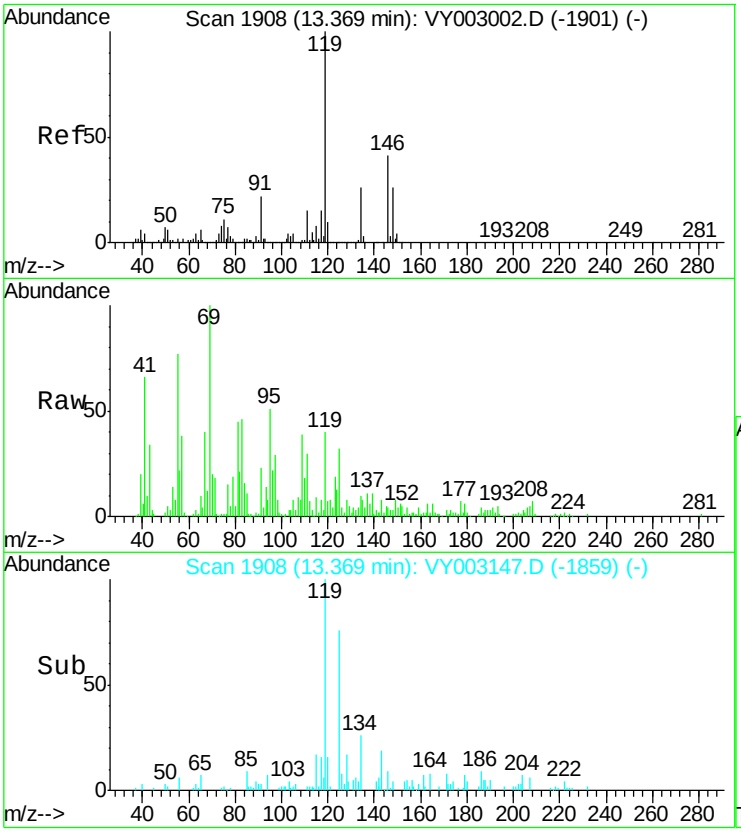


#85
sec-Butylbenzene
Concen: 1.749 ug/l
RT: 13.25 min Scan# 1889
Delta R.T. -0.00 min
Lab File: VY003147.D
Acq: 09 Jul 2020 16:33

Tgt Ion:105 Resp: 11727

Ion	Ratio	Lower	Upper
105	100		
134	37.7	10.4	31.2#



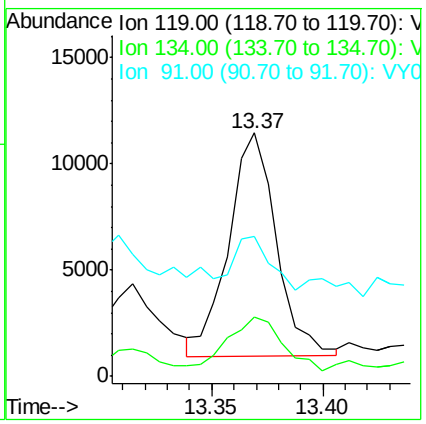


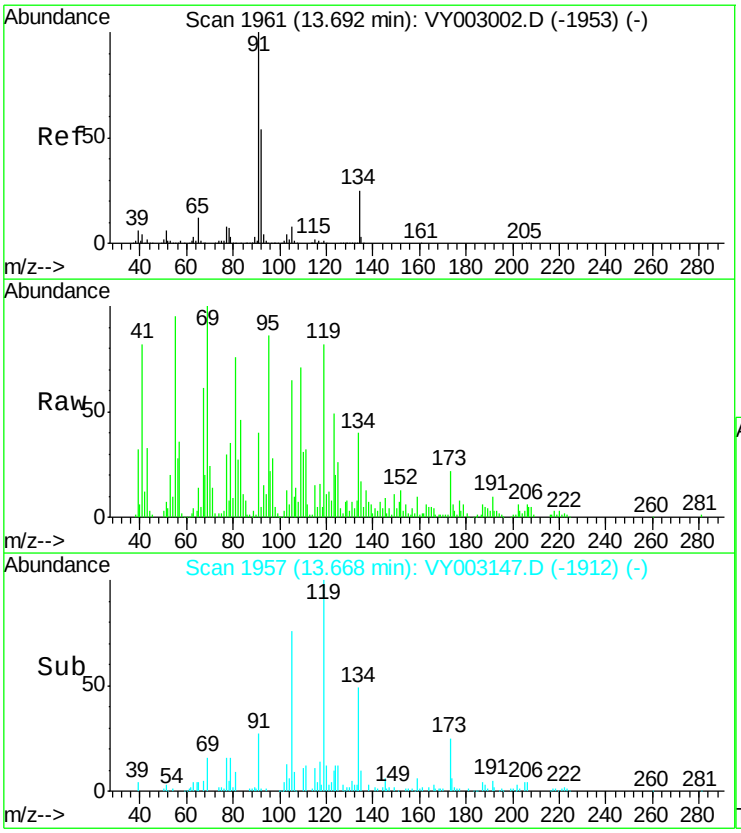
#86
p-Isopropyltoluene
Concen: 2.524 ug/l
RT: 13.37 min Scan# 1908
Delta R.T. -0.00 min
Lab File: VY003147.D
Acq: 09 Jul 2020 16:33

Instrument :
MSVOA_Y
ClientSampleId :
RBR-07

Tgt Ion:119 Resp: 15683

Ion	Ratio	Lower	Upper
119	100		
134	27.7	13.5	40.4
91	18.0	11.5	34.5

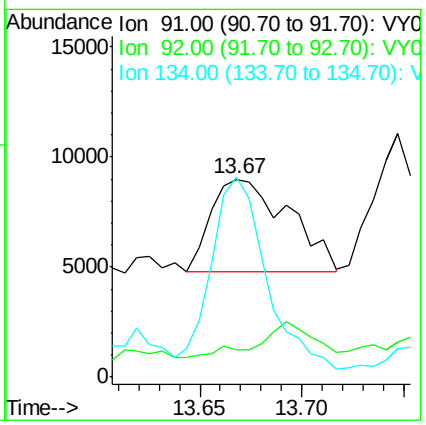


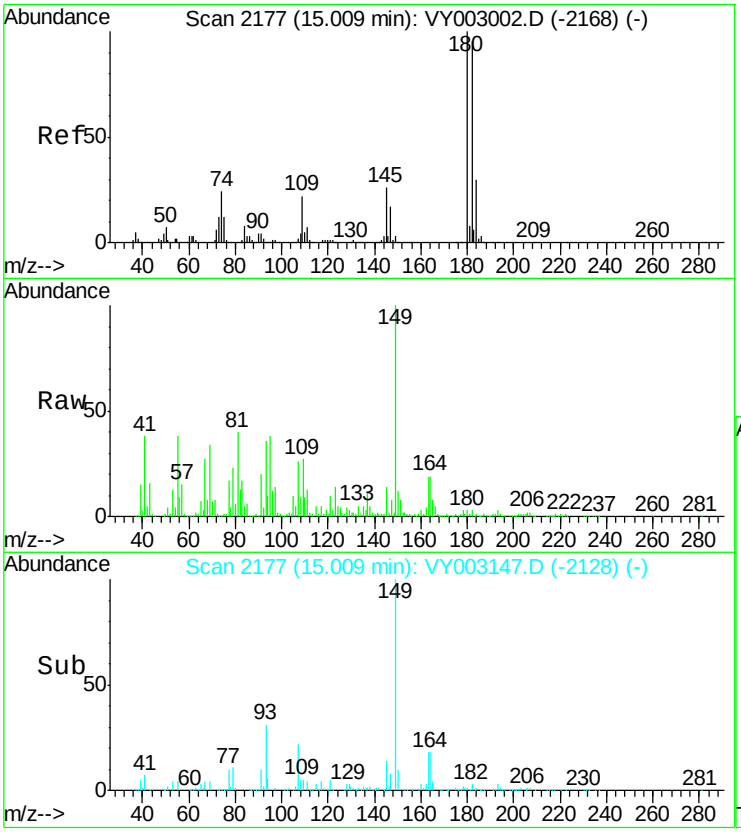


#89
n-Butylbenzene
Concen: 1.866 ug/l
RT: 13.67 min Scan# 1957
Delta R.T. -0.02 min
Lab File: VY003147.D
Acq: 09 Jul 2020 16:33

Tgt Ion: 91 Resp: 11098

Ion	Ratio	Lower	Upper
91	100		
92	0.0	26.8	80.3#
134	143.5	13.1	39.1#



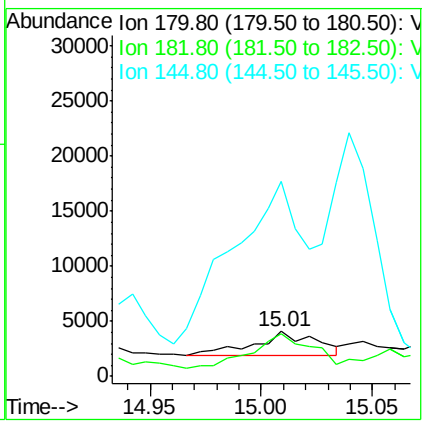


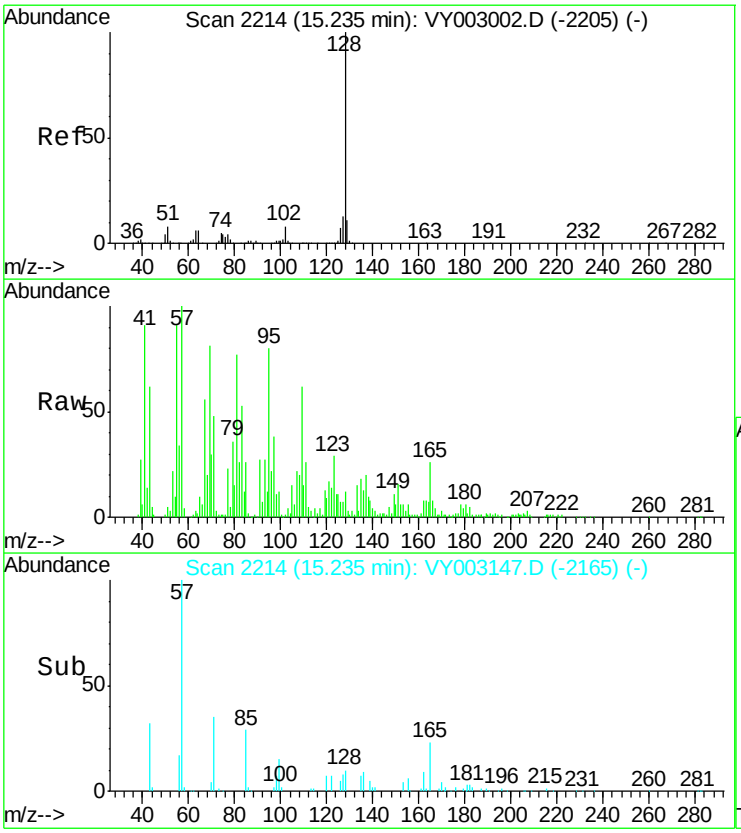
#93
1,2,4-Trichlorobenzene
Concen: 2.018 ug/l
RT: 15.01 min Scan# 2177
Delta R.T. -0.00 min
Lab File: VY003147.D
Acq: 09 Jul 2020 16:33

Instrument :
MSVOA_Y
ClientSampleId :
RBR-07

Tgt Ion:180 Resp: 4252

Ion	Ratio	Lower	Upper
180	100		
182	147.8	48.1	144.3#
145	913.8	13.9	41.6#

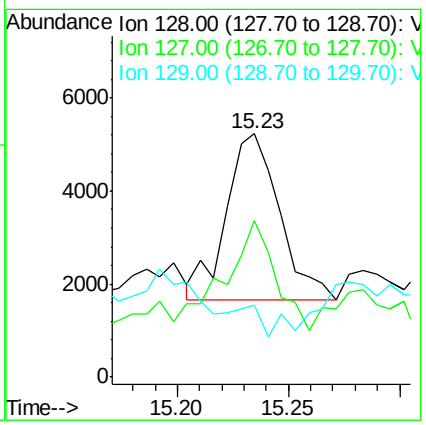


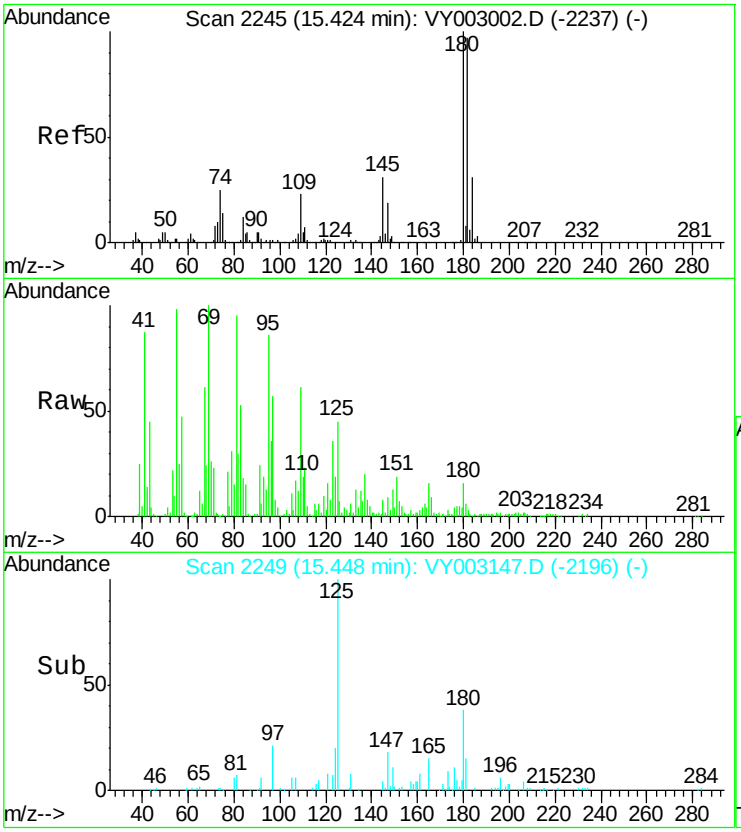


#95
Naphthalene
Concen: 1.542 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY003147.D
Acq: 09 Jul 2020 16:33

Tgt Ion:128 Resp: 5936

Ion	Ratio	Lower	Upper
128	100		
127	63.6	10.8	16.2#
129	0.0	8.8	13.2#





#96
1,2,3-Trichlorobenzene
Concen: 3.154 ug/l
RT: 15.45 min Scan# 2249
Delta R.T. 0.02 min
Lab File: VY003147.D
Acq: 09 Jul 2020 16:33

Instrument :
MSVOA_Y
ClientSampleId :
RBR-07

Tgt Ion:180 Resp: 5772

Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.8	143.3#
145	0.0	14.7	44.1#