Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091620\
Data File : VX018434.D
Acq On : 16 Sep 2020 12:23
Operator : JC/SP
Sample : L3941-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : RBR-200031

Quant Time: Sep 16 15:10:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 03:03:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	438707	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	693765	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	647984	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	322055	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	310179	50.93	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.86%			
35) Dibromofluoromethane	5.47	113	241678	51.15	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.30%			
50) Toluene-d8	8.70	98	857352	48.72	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.44%			
62) 4-Bromofluorobenzene	11.12	95	311617	45.01	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.02%			
Target Compounds						Qvalue
3) Chloromethane	1.31	50	2930	0.520	ug/l	91
5) Bromomethane	1.64	94	1056	0.391	ug/l #	22
8) Diethyl Ether	2.17	74	696	0.268	ug/l	98
10) Methyl Iodide	2.50	142	1407	5.571	ug/l #	73
11) Tert butyl alcohol	3.01	59	21343	18.023	ug/l	95
13) Acrolein	2.27	56	635	1.293	ug/l #	14
15) Acrylonitrile	3.12	53	706	0.263	ug/l #	33
16) Acetone	2.42	43	29680	12.506	ug/l	93
17) Carbon Disulfide	2.56	76	48446	3.738	ug/l	99
18) Methyl Acetate	2.76	43	1561	0.273	ug/l #	69
20) Methylene Chloride	2.82	84	1877	Below Cal	#	74
25) 2-Butanone	4.65	43	6525	1.673	ug/l #	76
29) Tetrahydrofuran	5.10	42	1789	0.721	ug/l #	81
36) 1,1-Dichloropropene	5.63	75	33731	5.271	ug/l #	51
38) Carbon Tetrachloride	5.63	117	45204	6.269	ug/l #	18
49) 1,4-Dioxane	7.70	88	124	1.146	ug/l #	1
59) 2-Hexanone	9.48	43	2139	0.379	ug/l	80
74) N-amyl acetate	10.88	43	5541	0.550	ug/l #	44
76) 1,2,3-Trichloropropane	11.12	75	161732	22.575	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.12	75	161732	60.971	ug/l #	12
86) p-Isopropyltoluene	12.05	119	6115	0.340	ug/l #	66
88) 1,4-Dichlorobenzene	12.08	146	3193	0.309	ug/l #	54
89) n-Butylbenzene	12.37	91	3862	0.235	ug/l	91
93) 1,2,4-Trichlorobenzene	13.63	180	2897	0.448	ug/l	83
94) Hexachlorobutadiene	13.77	225	1735	0.680	ug/l	86
95) Naphthalene	13.82	128	7176	0.337	ug/l #	85
96) 1,2,3-Trichlorobenzene	14.01	180	2214	0.346	ug/l	76

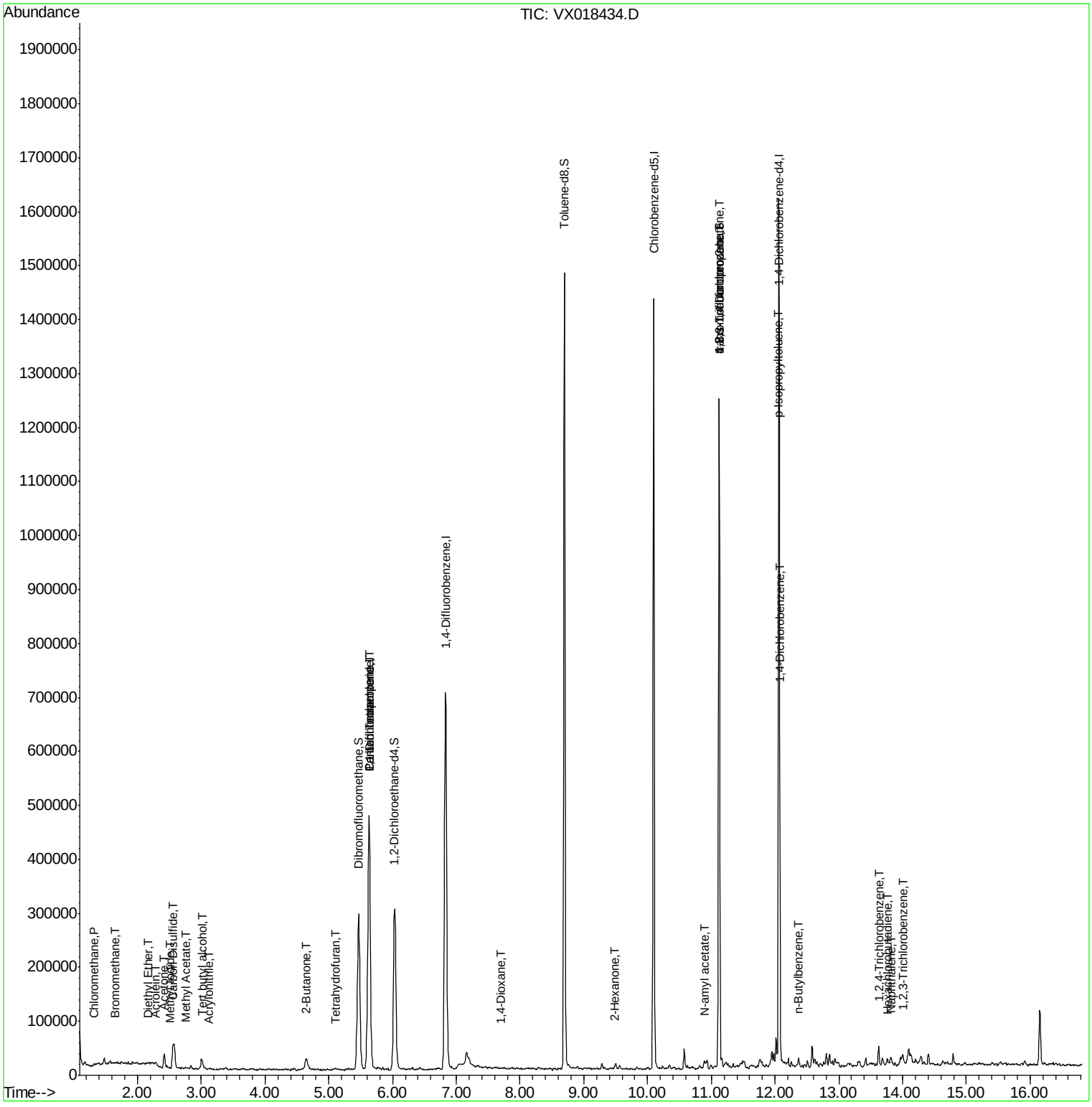
(#) = qualifier out of range (m) = manual integration (+) = signals summed

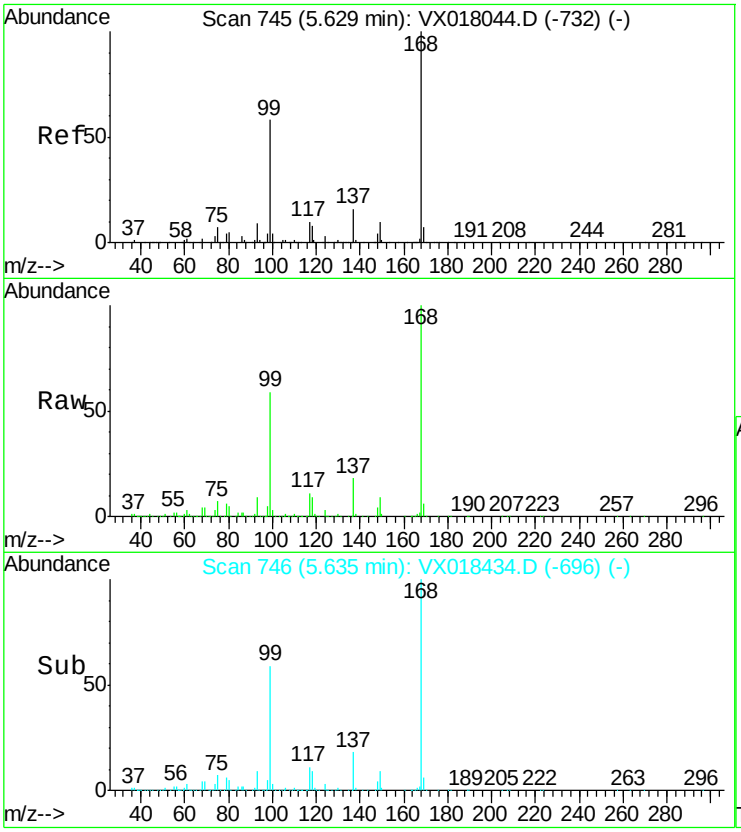
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091620\
Data File : VX018434.D
Acq On : 16 Sep 2020 12:23
Operator : JC/SP
Sample : L3941-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RBR-200031

Quant Time: Sep 16 15:10:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 03:03:56 2020
Response via : Initial Calibration



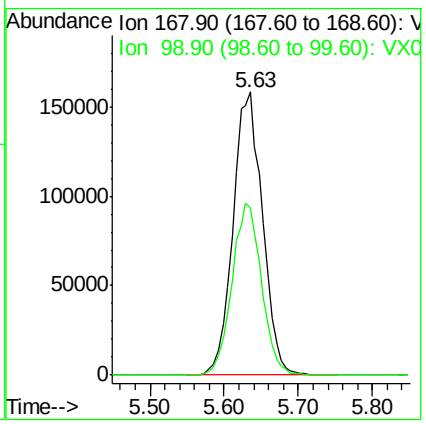


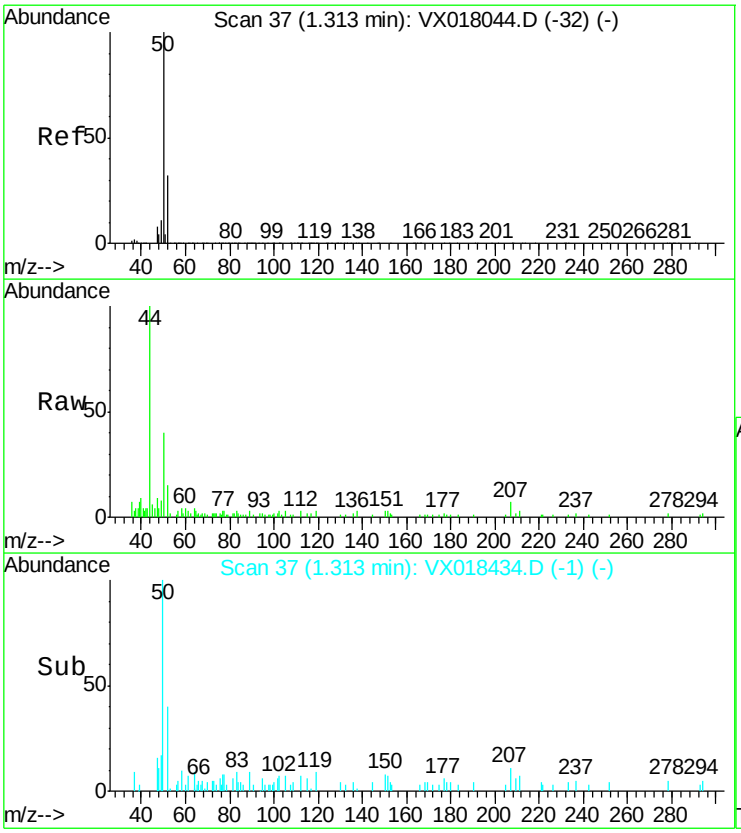
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 746
Delta R.T. 0.01 min
Lab File: VX018434.D
Acq: 16 Sep 2020 12:23

Instrument :
MSVOA_X
ClientSampleId :
RBR-200031

Tgt Ion:168 Resp: 438707

Ion	Ratio	Lower	Upper
168	100		
99	58.8	46.3	69.5

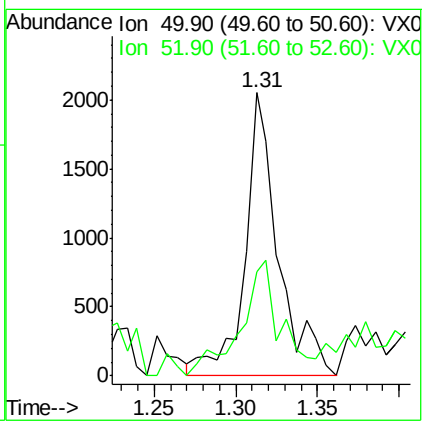


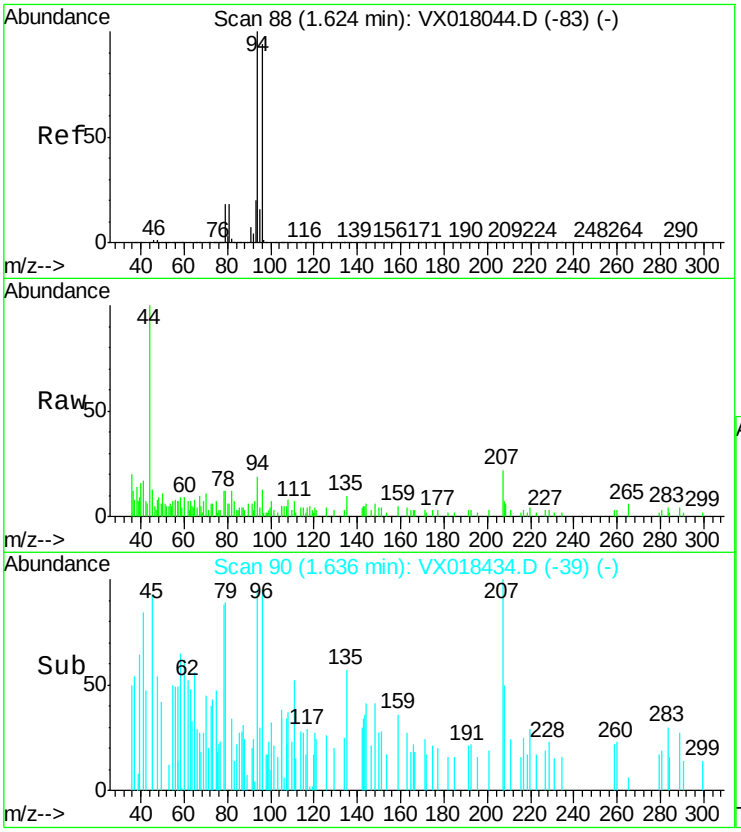


#3
Chloromethane
Concen: 0.520 ug/l
RT: 1.31 min Scan# 37
Delta R.T. -0.00 min
Lab File: VX018434.D
Acq: 16 Sep 2020 12:23

Tgt Ion: 50 Resp: 2930

Ion	Ratio	Lower	Upper
50	100		
52	36.8	25.4	38.2



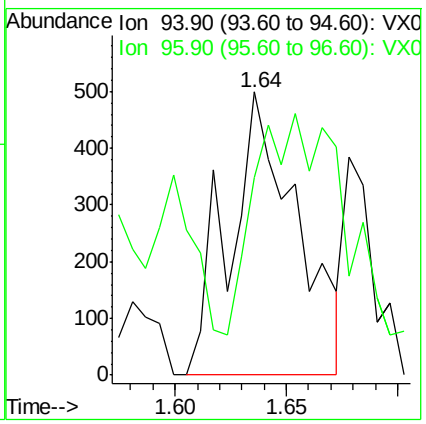


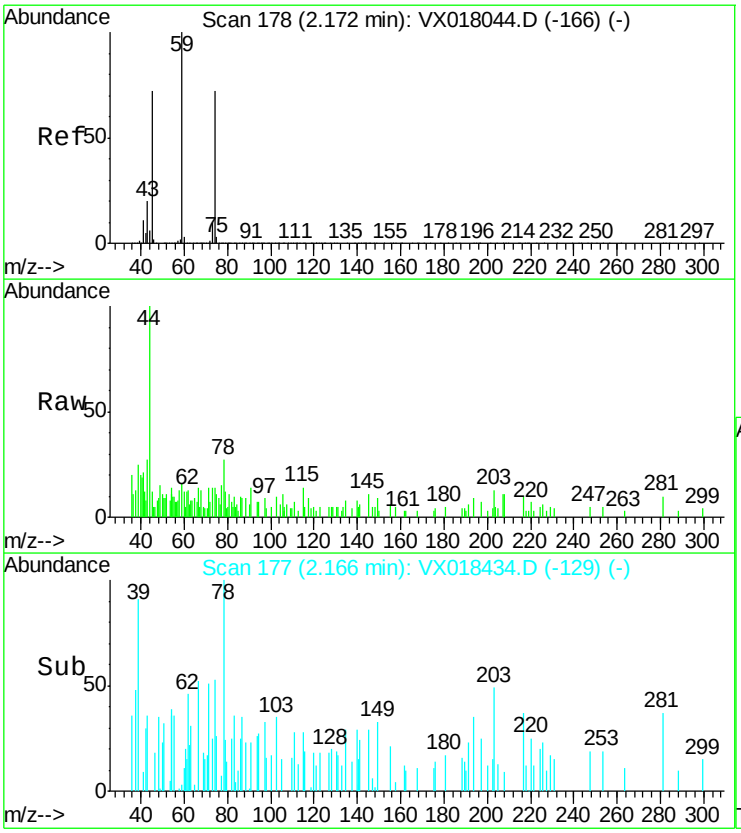
#5
Bromomethane
Concen: 0.391 ug/l
RT: 1.64 min Scan# 90
Delta R.T. 0.01 min
Lab File: VX018434.D
Acq: 16 Sep 2020 12:23

Instrument :
MSVOA_X
ClientSampleId :
RBR-200031

Tgt Ion: 94 Resp: 1056

Ion	Ratio	Lower	Upper
94	100		
96	18.4	74.8	112.2#

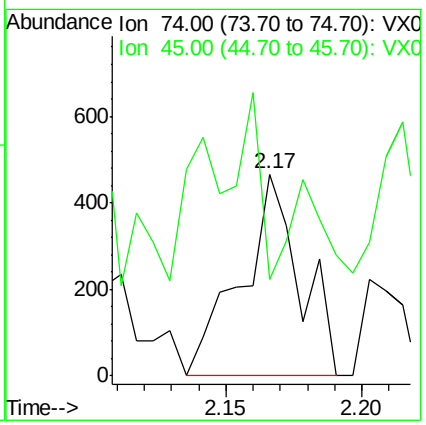


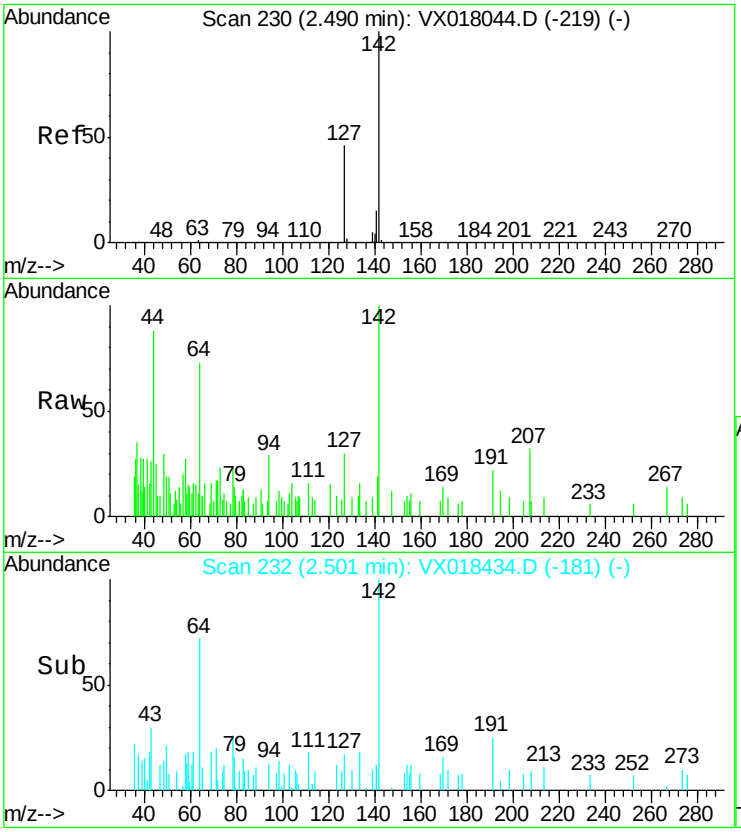


#8
Diethyl Ether
Concen: 0.268 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX018434.D
Acq: 16 Sep 2020 12:23

Tgt Ion: 74 Resp: 696

Ion	Ratio	Lower	Upper
74	100		
45	103.9	50.7	152.3



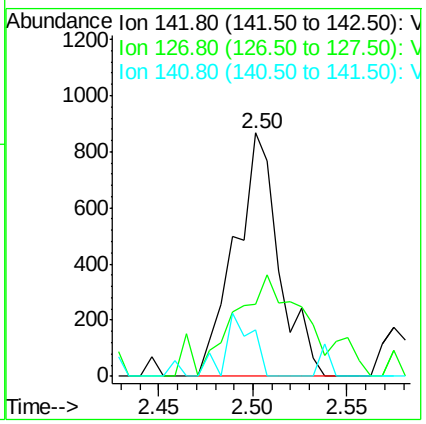


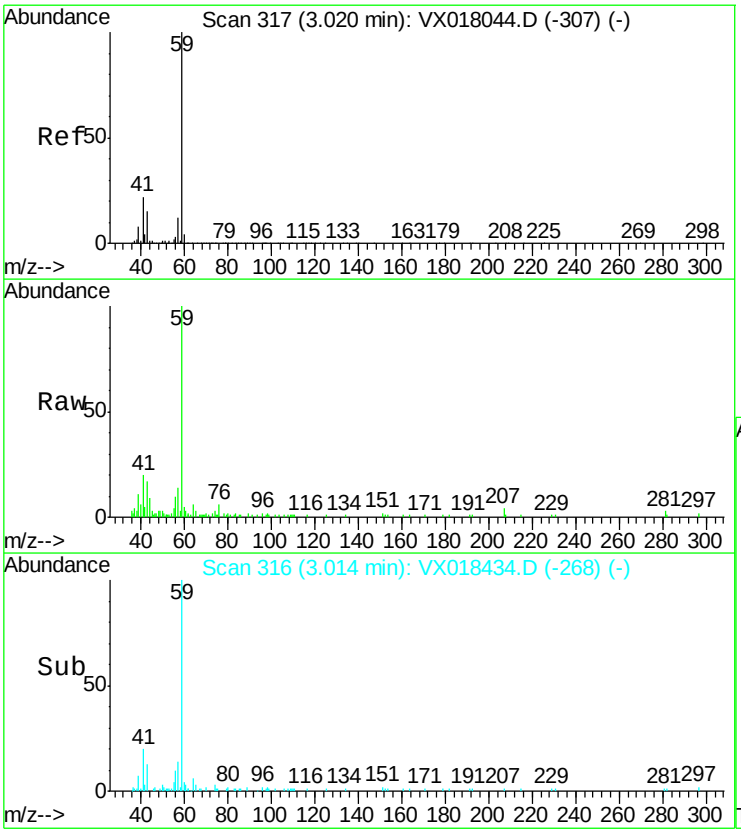
#10
Methyl Iodide
Concen: 5.571 ug/l
RT: 2.50 min Scan# 232
Delta R.T. 0.01 min
Lab File: VX018434.D
Acq: 16 Sep 2020 12:23

Instrument : MSVOA_X
ClientSampleId : RBR-200031

Tgt Ion:142 Resp: 1407

Ion	Ratio	Lower	Upper
142	100		
127	69.3	37.0	55.6#
141	16.1	11.5	17.3

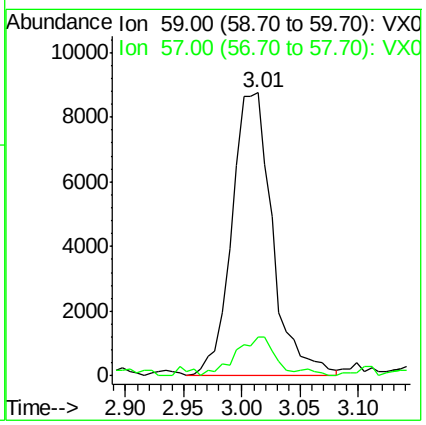


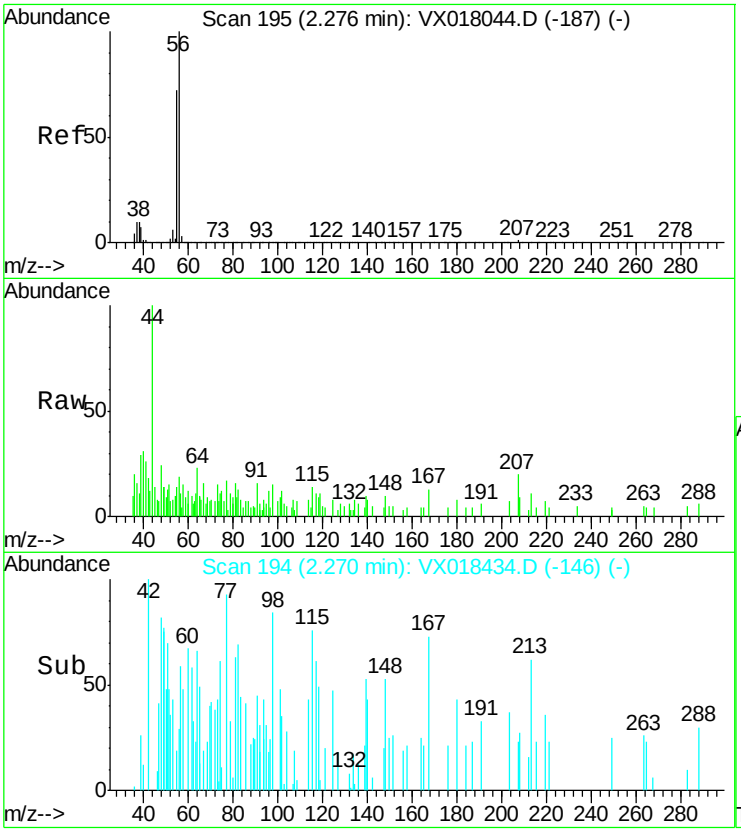


#11
Tert butyl alcohol
Concen: 18.023 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX018434.D
Acq: 16 Sep 2020 12:23

Tgt Ion: 59 Resp: 21343

Ion	Ratio	Lower	Upper
59	100		
57	13.1	8.9	13.3



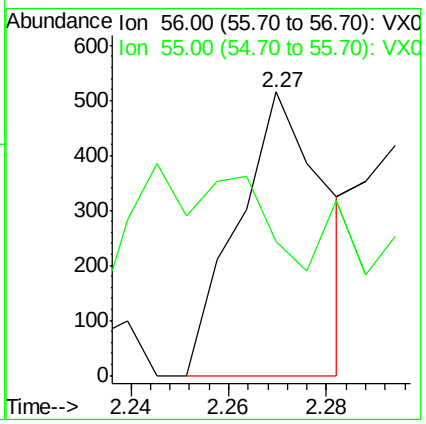


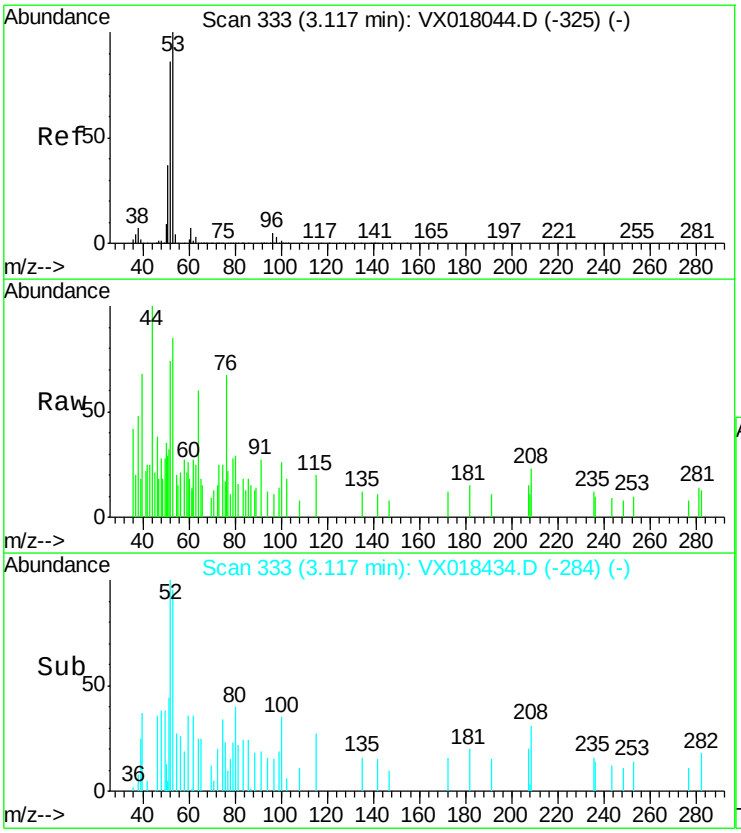
#13
Acrolein
Concen: 1.293 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.01 min
Lab File: VX018434.D
Acq: 16 Sep 2020 12:23

Instrument :
MSVOA_X
ClientSampleId :
RBR-200031

Tgt Ion: 56 Resp: 635

Ion	Ratio	Lower	Upper
56	100		
55	0.0	57.0	85.6#

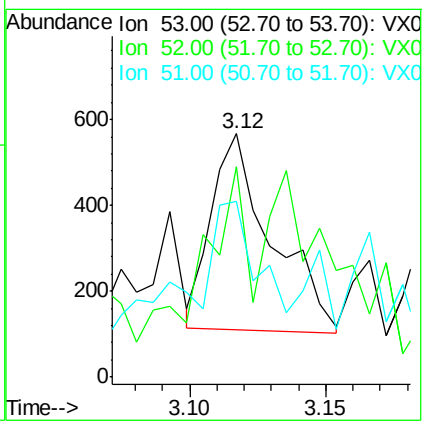


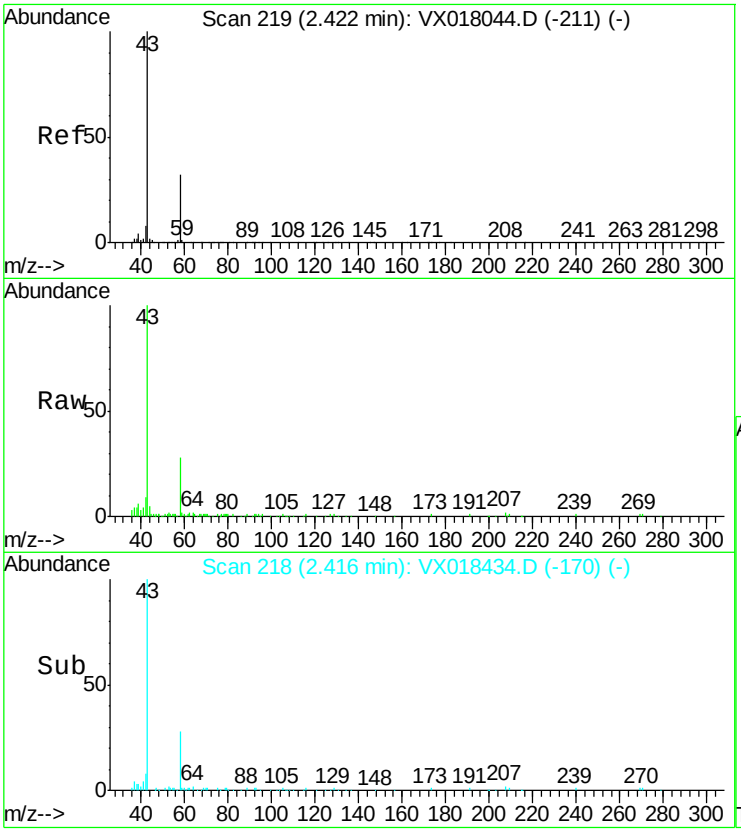


#15
Acrylonitrile
Concen: 0.263 ug/l
RT: 3.12 min Scan# 333
Delta R.T. -0.00 min
Lab File: VX018434.D
Acq: 16 Sep 2020 12:23

Tgt Ion: 53 Resp: 706

Ion	Ratio	Lower	Upper
53	100		
52	72.2	66.9	100.3
51	149.3	28.7	43.1#



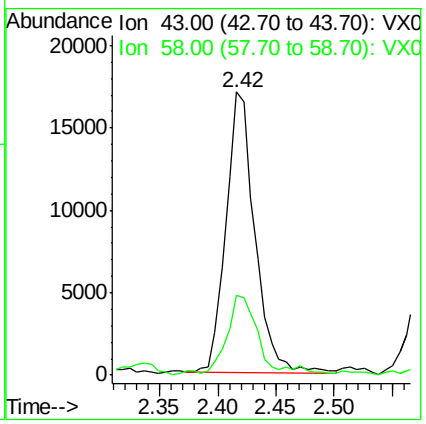


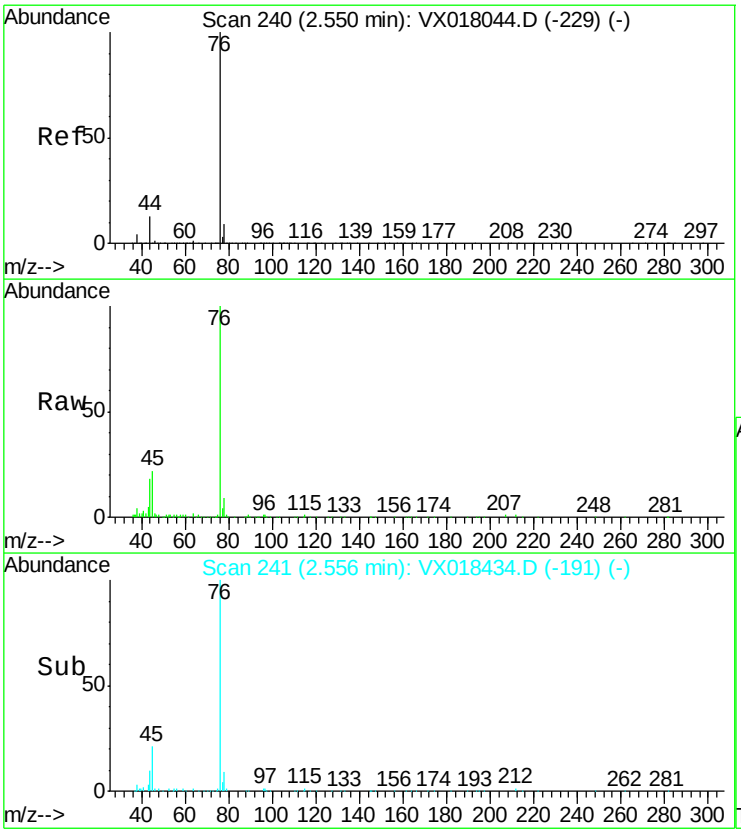
#16
Acetone
Concen: 12.506 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.01 min
Lab File: VX018434.D
Acq: 16 Sep 2020 12:23

Instrument :
MSVOA_X
ClientSampleId :
RBR-200031

Tgt Ion: 43 Resp: 29680

Ion	Ratio	Lower	Upper
43	100		
58	27.8	25.5	38.3

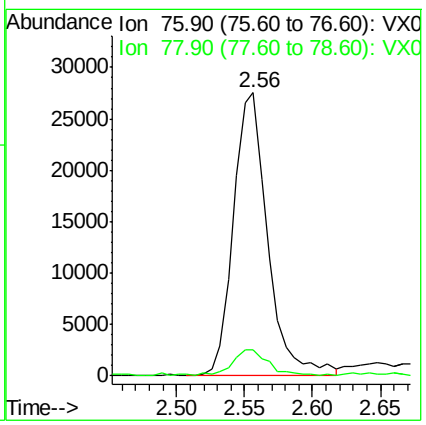


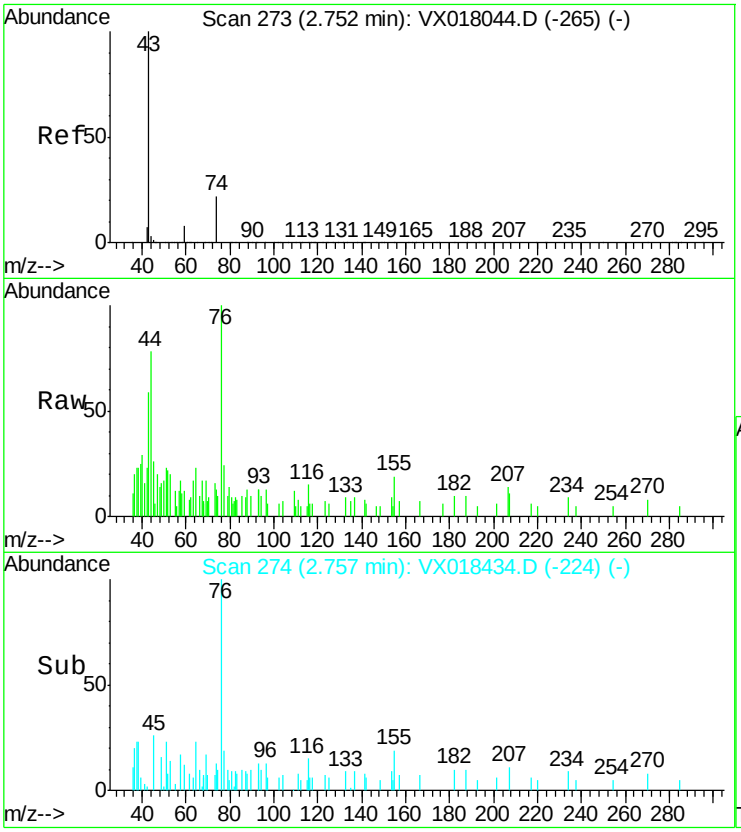


#17
Carbon Disulfide
Concen: 3.738 ug/l
RT: 2.56 min Scan# 241
Delta R.T. 0.01 min
Lab File: VX018434.D
Acq: 16 Sep 2020 12:23

Tgt Ion: 76 Resp: 48446

Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.4	11.0



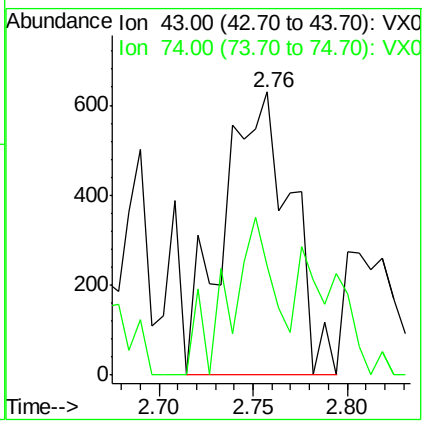


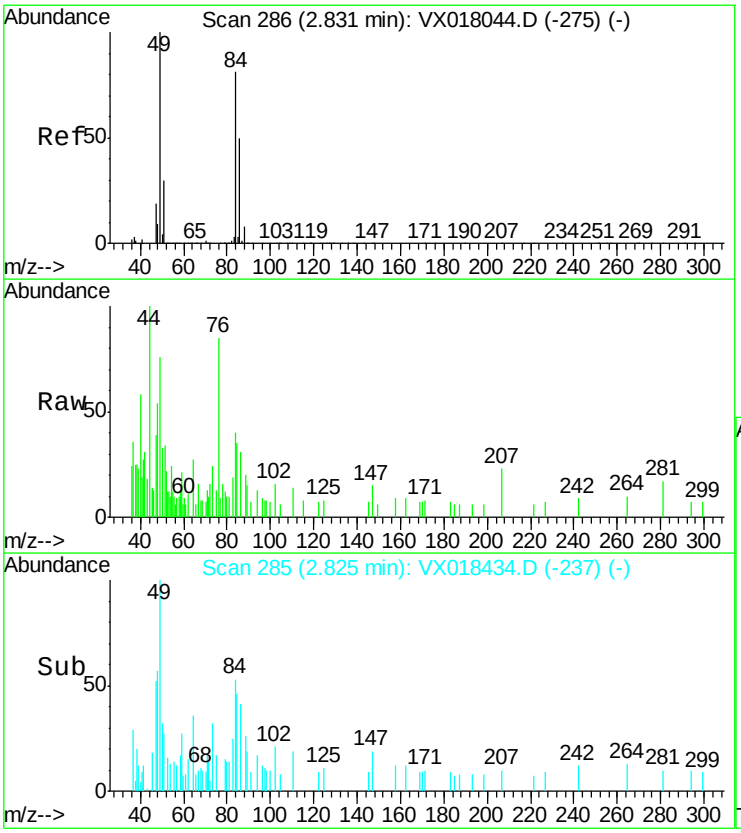
#18
Methyl Acetate
Concen: 0.273 ug/l
RT: 2.76 min Scan# 274
Delta R.T. 0.01 min
Lab File: VX018434.D
Acq: 16 Sep 2020 12:23

Instrument : MSVOA_X
ClientSampleId : RBR-200031

Tgt Ion: 43 Resp: 1561

Ion	Ratio	Lower	Upper
43	100		
74	37.7	18.2	27.4#

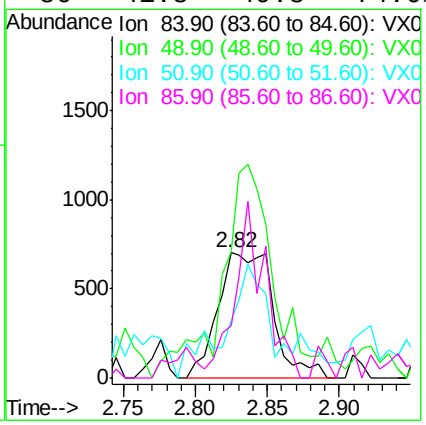


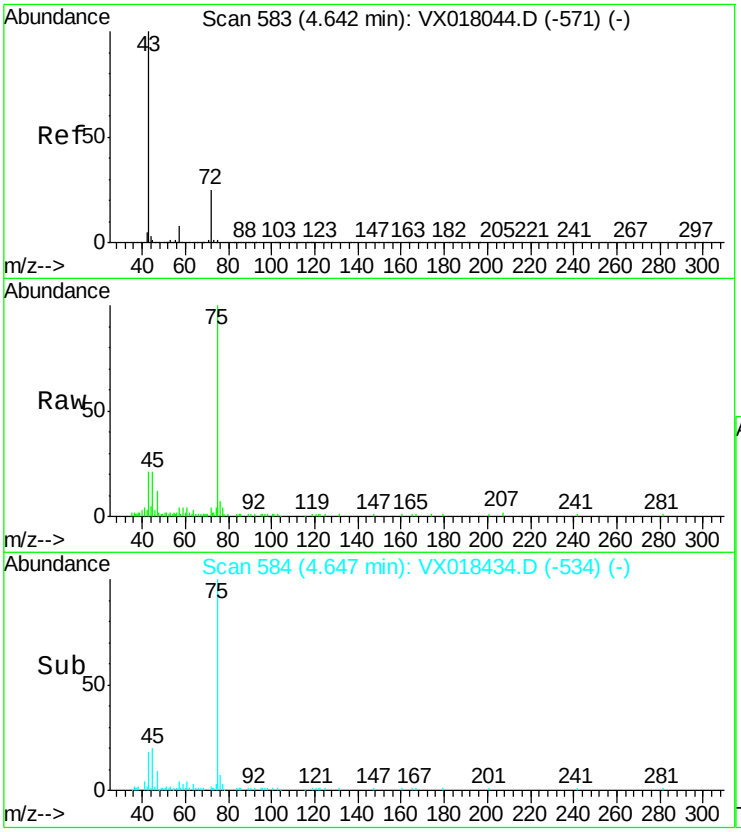


#20
Methylene Chloride
Concen: Below Cal
RT: 2.82 min Scan# 285
Delta R.T. -0.01 min
Lab File: VX018434.D
Acq: 16 Sep 2020 12:23

Tgt Ion: 84 Resp: 1877

Ion	Ratio	Lower	Upper
84	100		
49	88.3	98.6	148.0#
51	33.4	29.6	44.4
86	41.8	49.8	74.6#



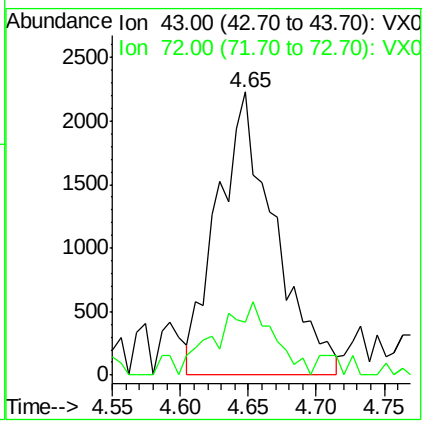


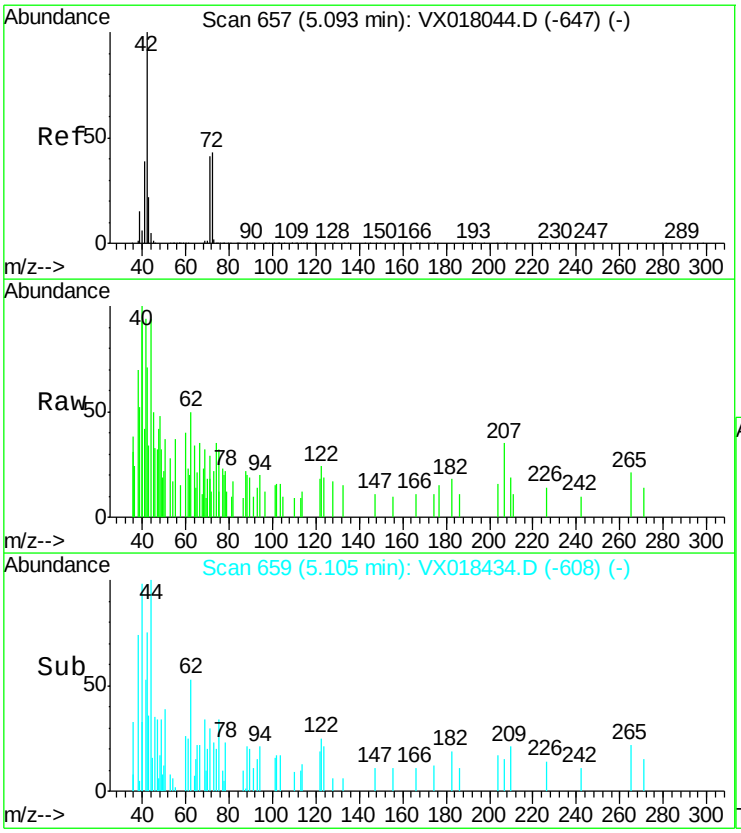
#25
2-Butanone
Concen: 1.673 ug/l
RT: 4.65 min Scan# 584
Delta R.T. 0.01 min
Lab File: VX018434.D
Acq: 16 Sep 2020 12:23

Instrument :
MSVOA_X
ClientSampleId :
RBR-200031

Tgt Ion: 43 Resp: 6525

Ion	Ratio	Lower	Upper
43	100		
72	12.7	19.8	29.6#

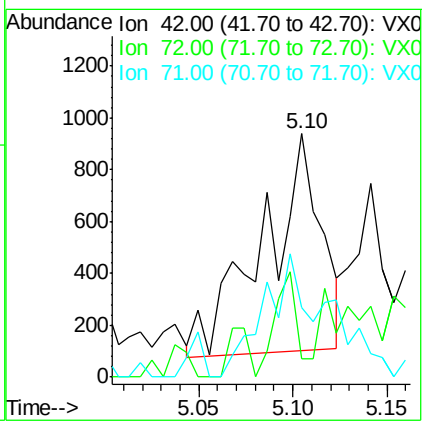


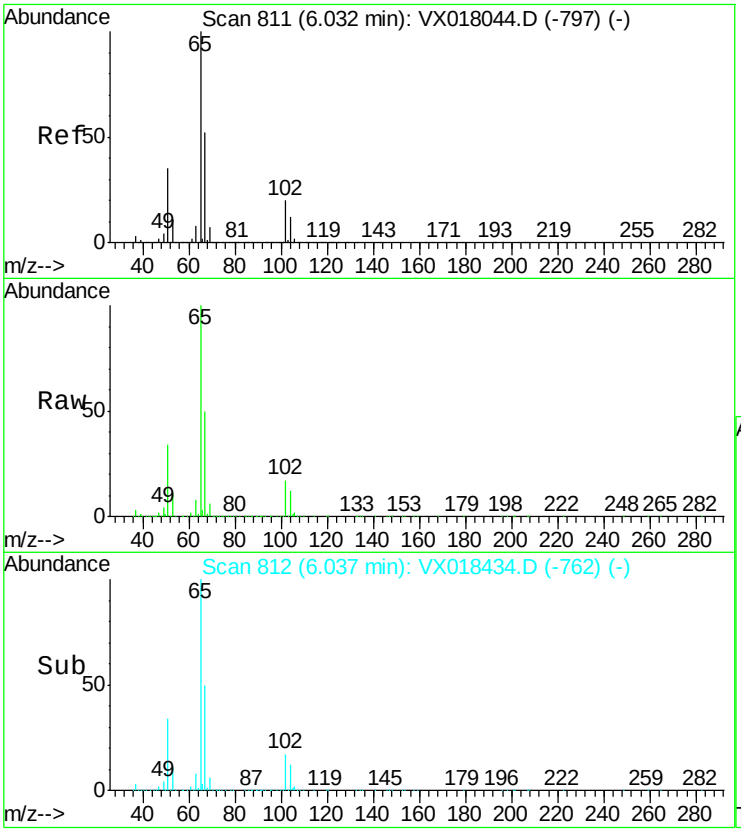


#29
Tetrahydrofuran
Concen: 0.721 ug/l
RT: 5.10 min Scan# 659
Delta R.T. 0.01 min
Lab File: VX018434.D
Acq: 16 Sep 2020 12:23

Tgt Ion: 42 Resp: 1789

Ion	Ratio	Lower	Upper
42	100		
72	19.5	34.2	51.4#
71	40.2	32.1	48.1



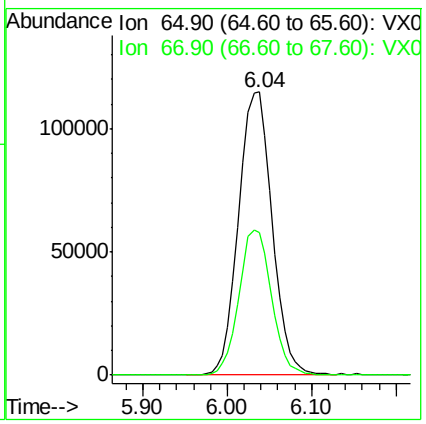


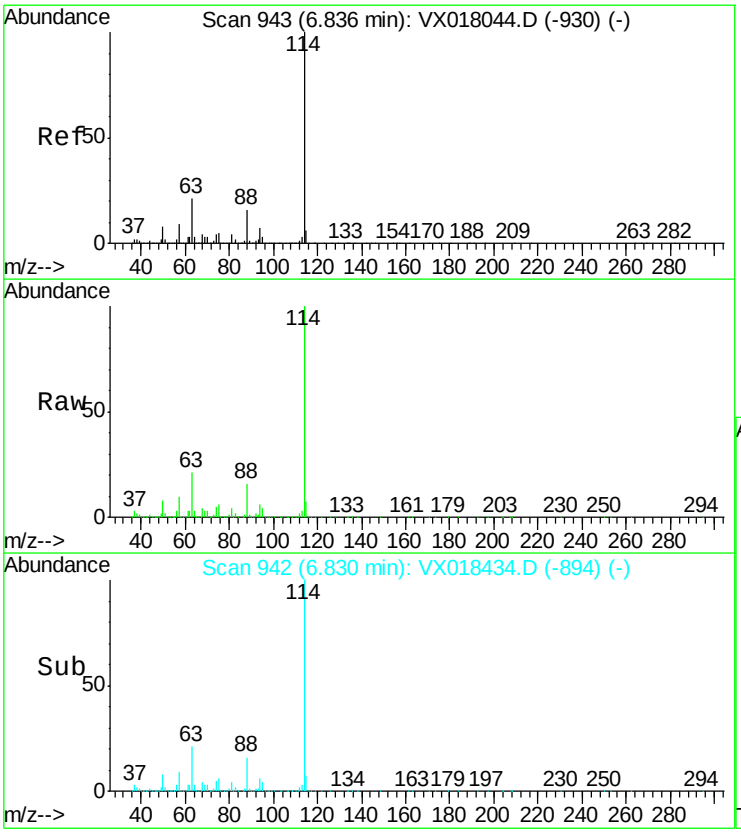
#33
1,2-Dichloroethane-d4
Concen: 50.929 ug/l
RT: 6.04 min Scan# 812
Delta R.T. 0.01 min
Lab File: VX018434.D
Acq: 16 Sep 2020 12:23

Instrument : MSVOA_X
ClientSampleId : RBR-200031

Tgt Ion: 65 Resp: 310179

Ion	Ratio	Lower	Upper
65	100		
67	49.6	0.0	105.8

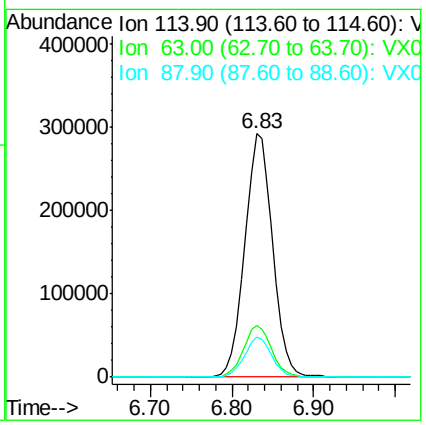


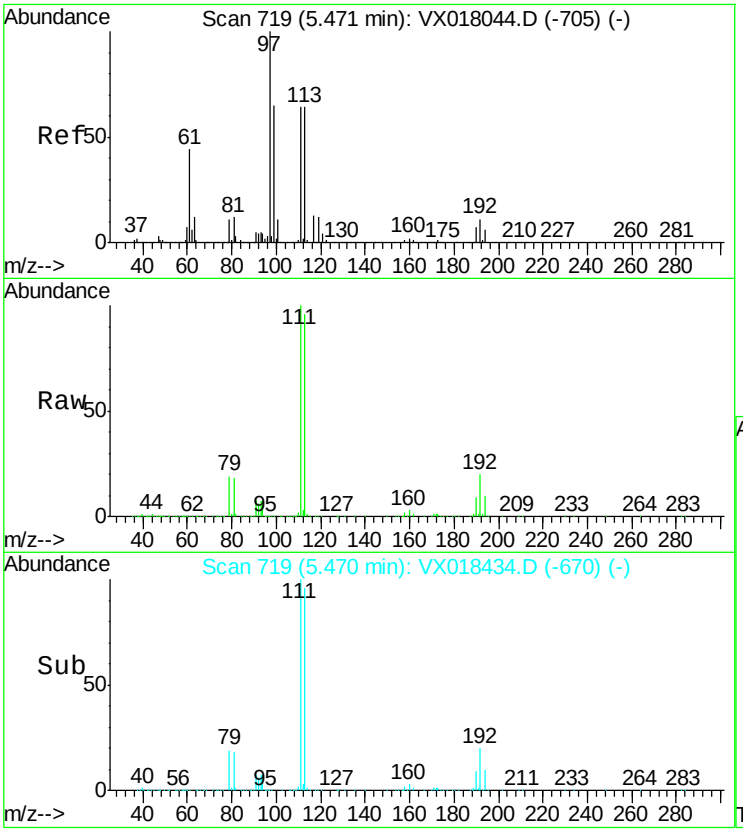


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. -0.01 min
Lab File: VX018434.D
Acq: 16 Sep 2020 12:23

Tgt Ion:114 Resp: 693765

Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	42.6
88	16.3	0.0	31.8



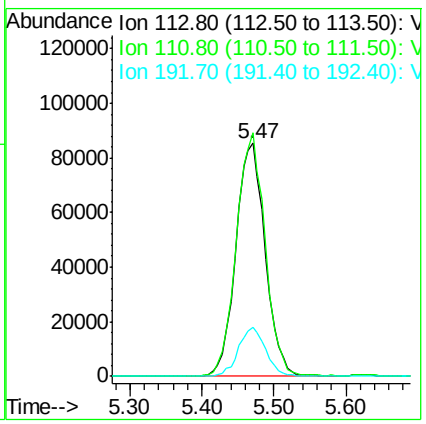


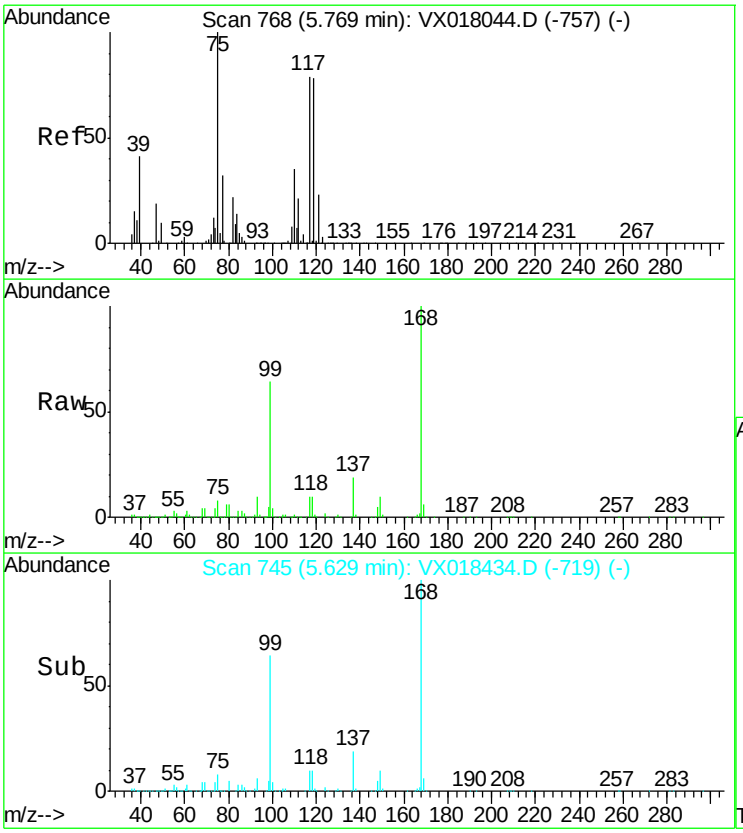
#35
Dibromofluoromethane
Concen: 51.150 ug/l
RT: 5.47 min Scan# 719
Delta R.T. -0.00 min
Lab File: VX018434.D
Acq: 16 Sep 2020 12:23

Instrument :
MSVOA_X
ClientSampleId :
RBR-200031

Tgt Ion:113 Resp: 241678

Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.6	122.4
192	19.6	15.8	23.8

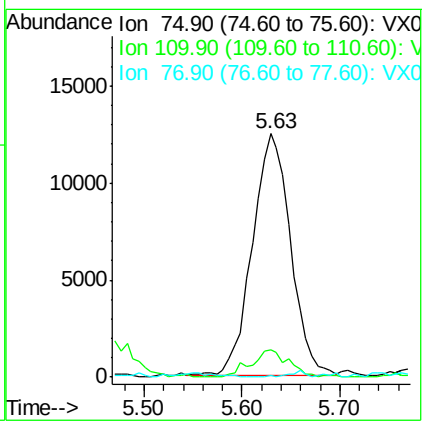


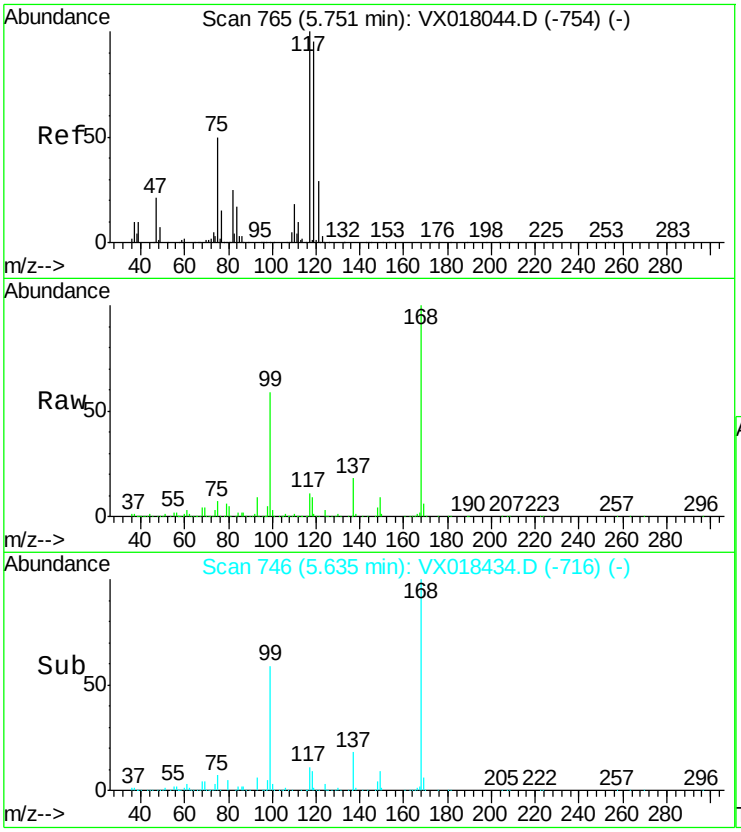


#36
1,1-Dichloropropene
Concen: 5.271 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.14 min
Lab File: VX018434.D
Acq: 16 Sep 2020 12:23

Tgt Ion: 75 Resp: 33731

Ion	Ratio	Lower	Upper
75	100		
110	11.0	18.0	54.0#
77	0.0	24.4	36.6#



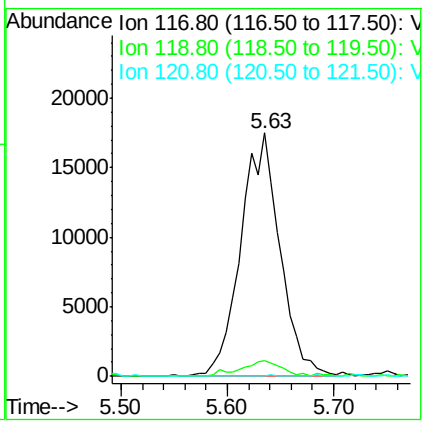


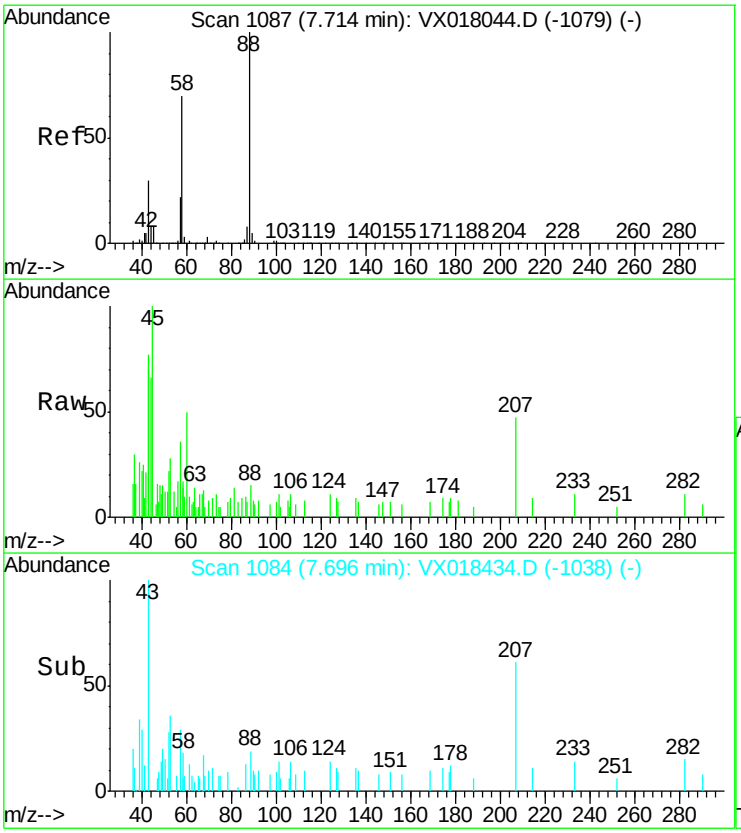
#38
Carbon Tetrachloride
Concen: 6.269 ug/l
RT: 5.63 min Scan# 746
Delta R.T. -0.12 min
Lab File: VX018434.D
Acq: 16 Sep 2020 12:23

Instrument :
MSVOA_X
ClientSampleId :
RBR-200031

Tgt Ion:117 Resp: 45204

Ion	Ratio	Lower	Upper
117	100		
119	6.3	75.8	113.6#
121	0.4	23.4	35.0#

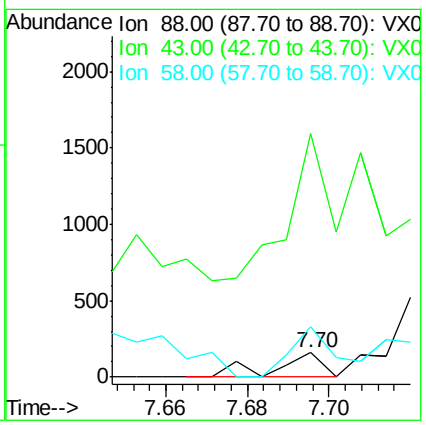


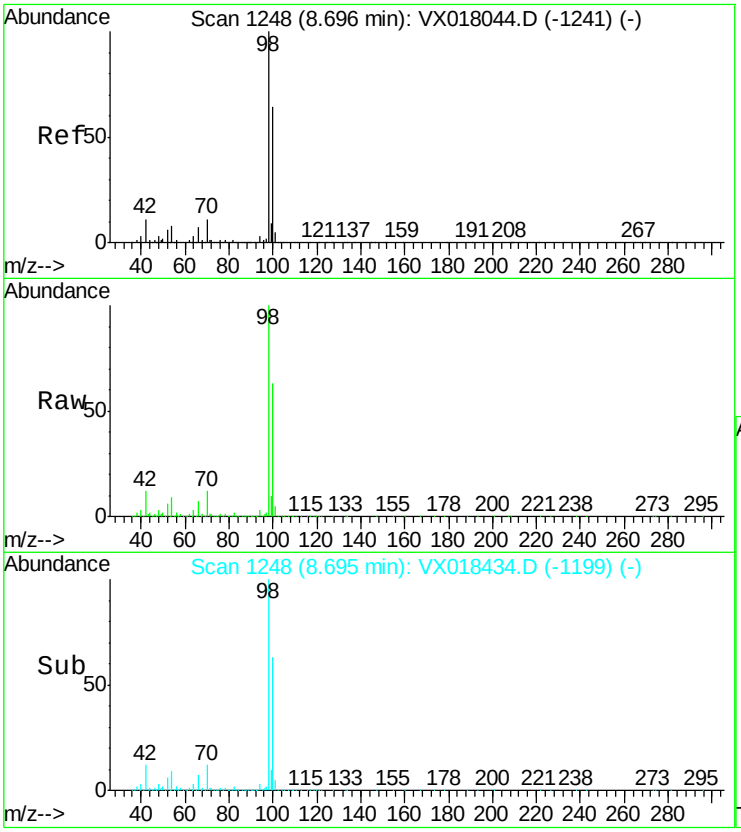


#49
1,4-Dioxane
Concen: 1.146 ug/l
RT: 7.70 min Scan# 1084
Delta R.T. -0.02 min
Lab File: VX018434.D
Acq: 16 Sep 2020 12:23

Tgt Ion: 88 Resp: 124

Ion	Ratio	Lower	Upper
88	100		
43	1039.5	27.4	41.0#
58	211.3	56.4	84.6#



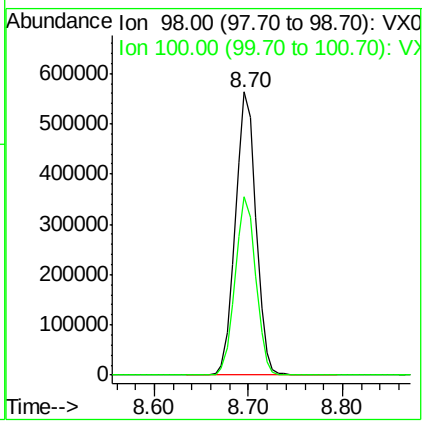


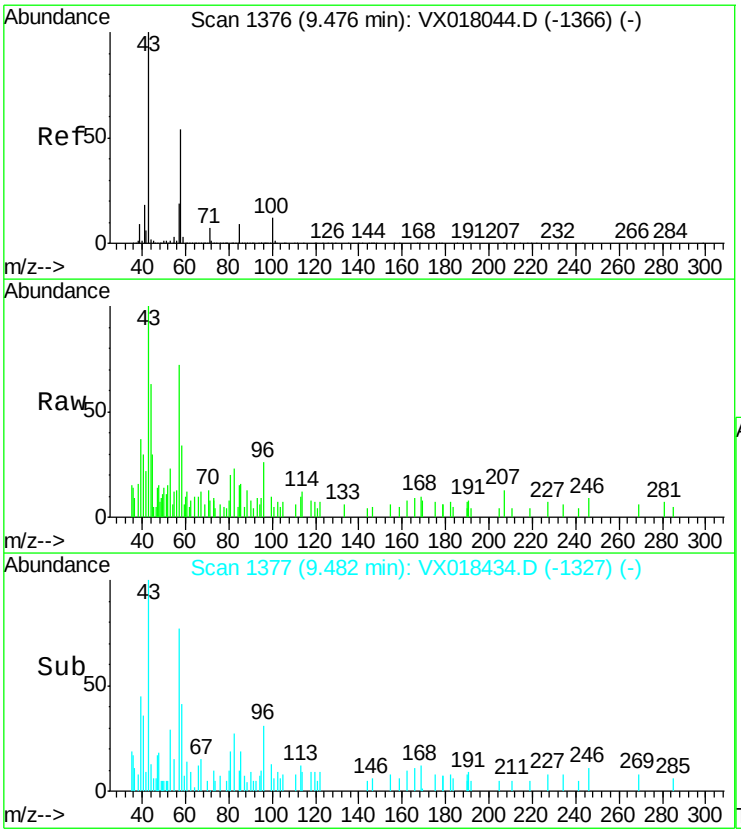
#50
Toluene-d8
Concen: 48.719 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018434.D
Acq: 16 Sep 2020 12:23

Instrument :
MSVOA_X
ClientSampleId :
RBR-200031

Tgt Ion: 98 Resp: 857352

Ion	Ratio	Lower	Upper
98	100		
100	63.1	52.2	78.4

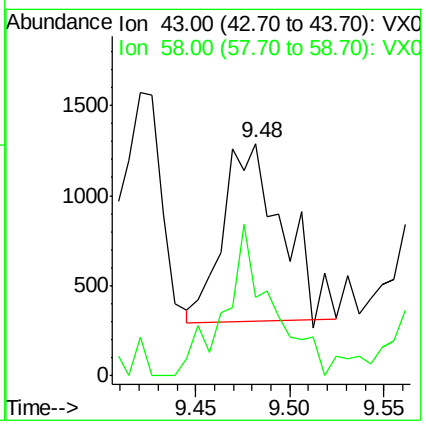


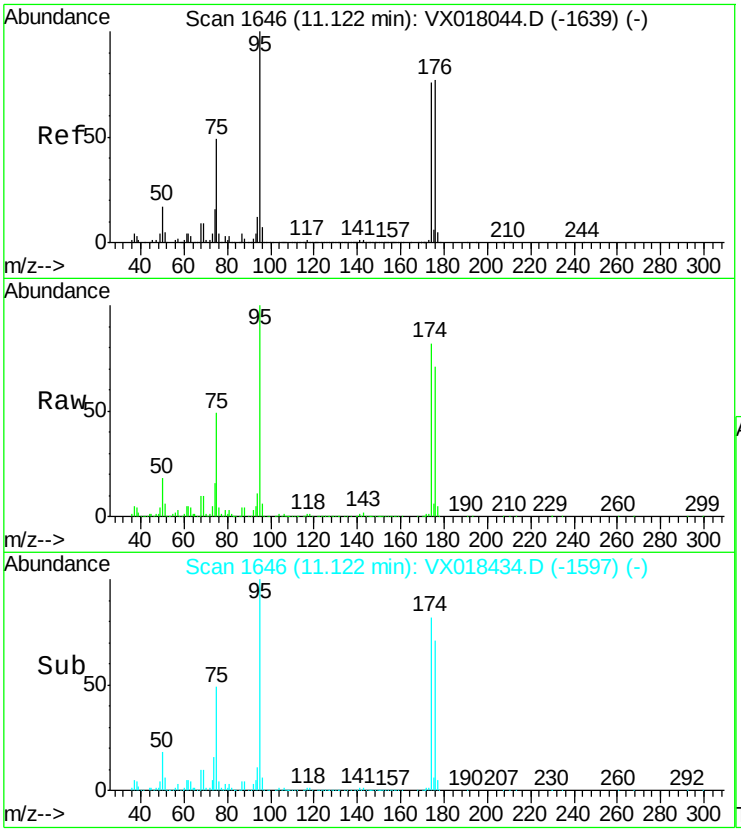


#59
2-Hexanone
Concen: 0.379 ug/l
RT: 9.48 min Scan# 1377
Delta R.T. 0.01 min
Lab File: VX018434.D
Acq: 16 Sep 2020 12:23

Tgt Ion: 43 Resp: 2139

Ion	Ratio	Lower	Upper
43	100		
58	67.5	26.6	79.7



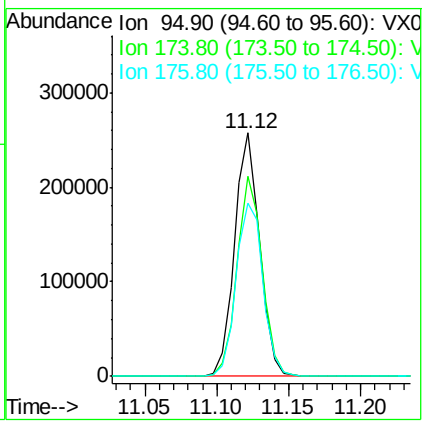


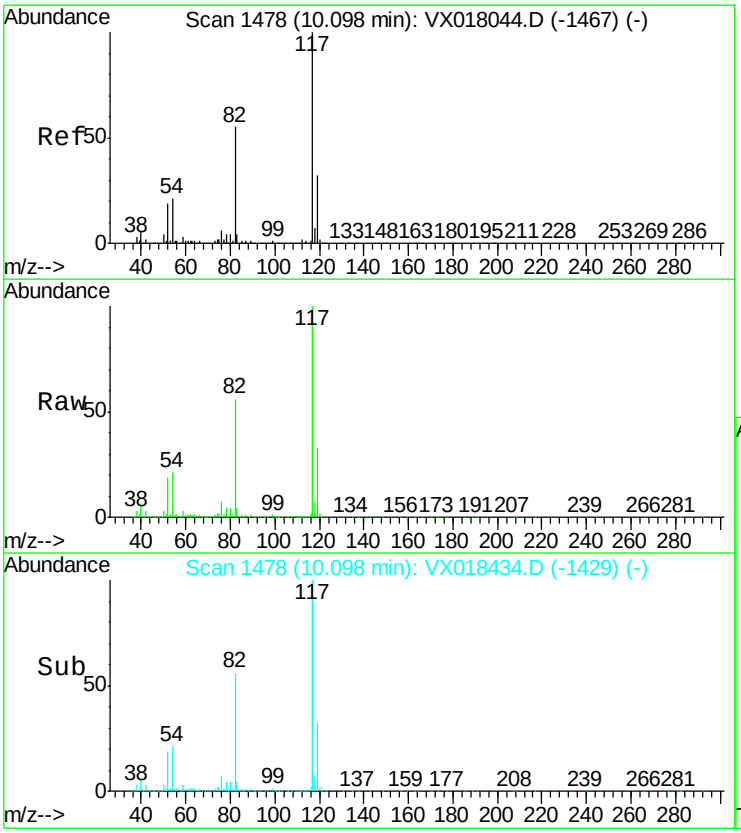
#62
4-Bromofluorobenzene
Concen: 45.007 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX018434.D
Acq: 16 Sep 2020 12:23

Instrument :
MSVOA_X
ClientSampleId :
RBR-200031

Tgt Ion: 95 Resp: 311617

Ion	Ratio	Lower	Upper
95	100		
174	82.7	0.0	160.2
176	76.4	0.0	155.8

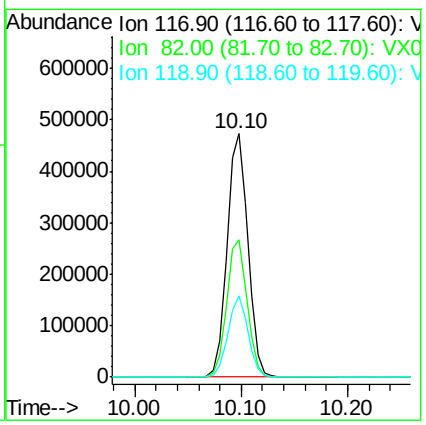


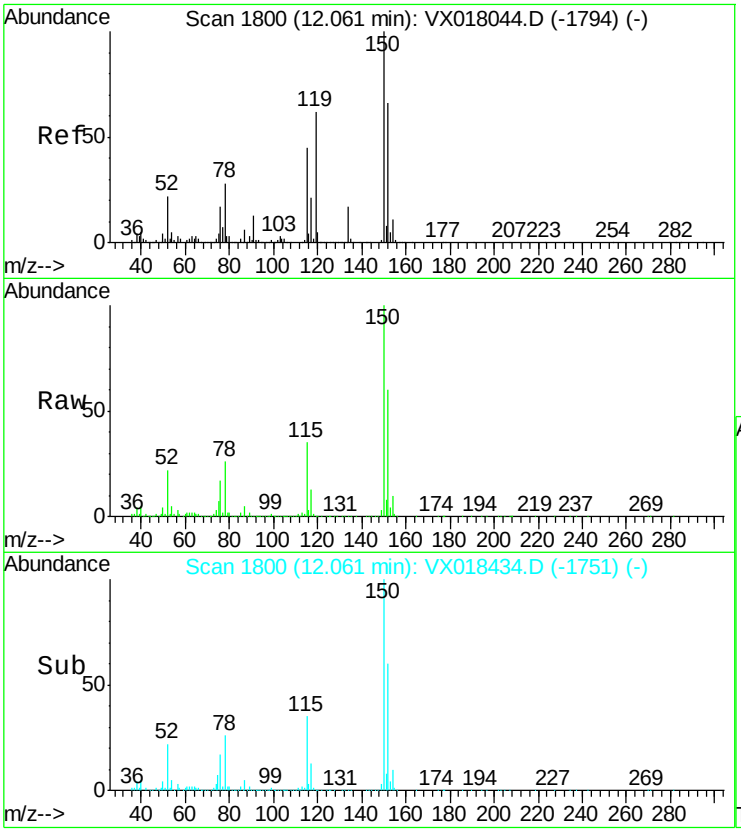


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018434.D
Acq: 16 Sep 2020 12:23

Tgt Ion:117 Resp: 647984

Ion	Ratio	Lower	Upper
117	100		
82	56.3	44.2	66.2
119	33.2	25.7	38.5



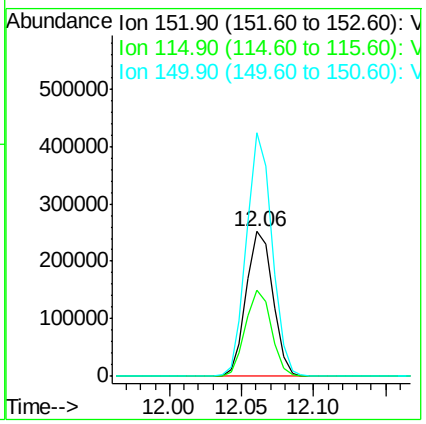


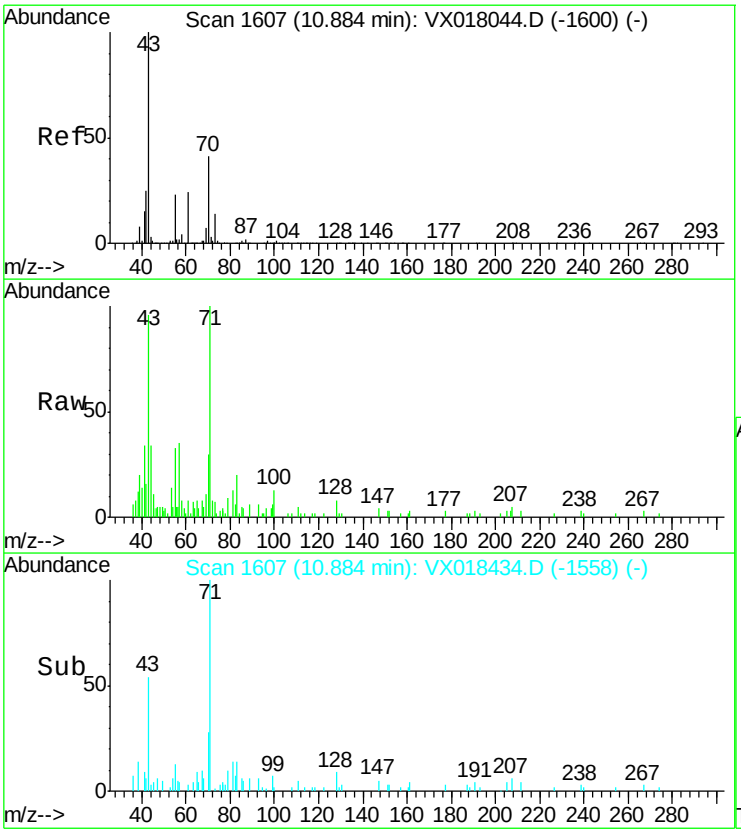
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX018434.D
Acq: 16 Sep 2020 12:23

Instrument : MSVOA_X
ClientSampleId : RBR-200031

Tgt Ion:152 Resp: 322055

Ion	Ratio	Lower	Upper
152	100		
115	58.1	41.5	124.5
150	161.1	0.0	343.8

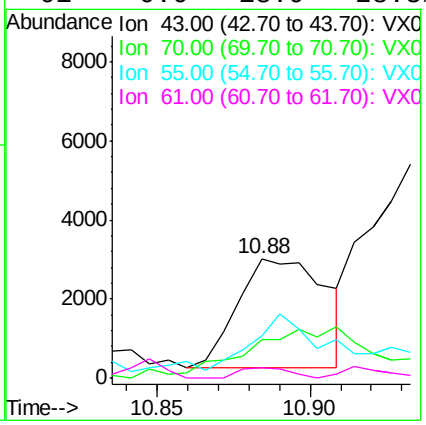


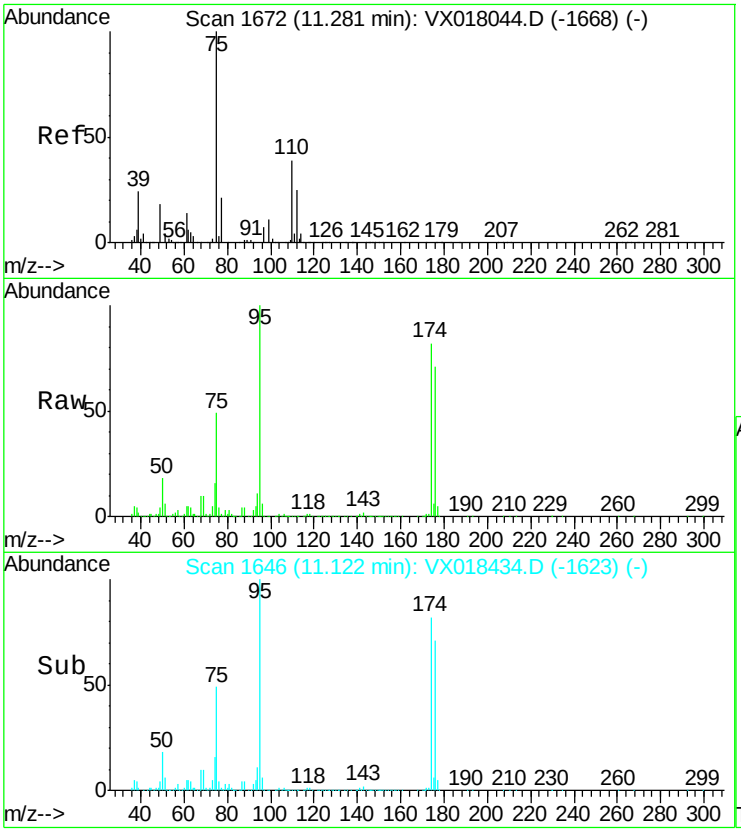


#74
N-amyl acetate
Concen: 0.550 ug/l
RT: 10.88 min Scan# 1607
Delta R.T. -0.00 min
Lab File: VX018434.D
Acq: 16 Sep 2020 12:23

Tgt Ion: 43 Resp: 5541

Ion	Ratio	Lower	Upper
43	100		
70	0.0	32.3	48.5#
55	46.7	18.2	27.2#
61	0.0	18.9	28.3#



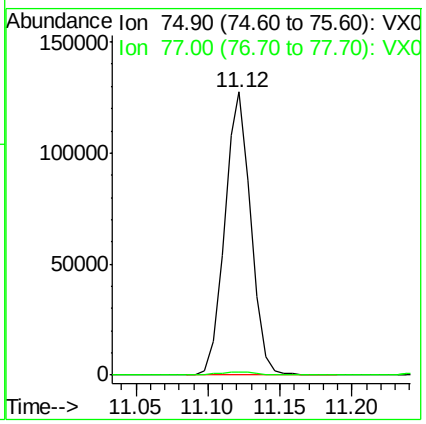


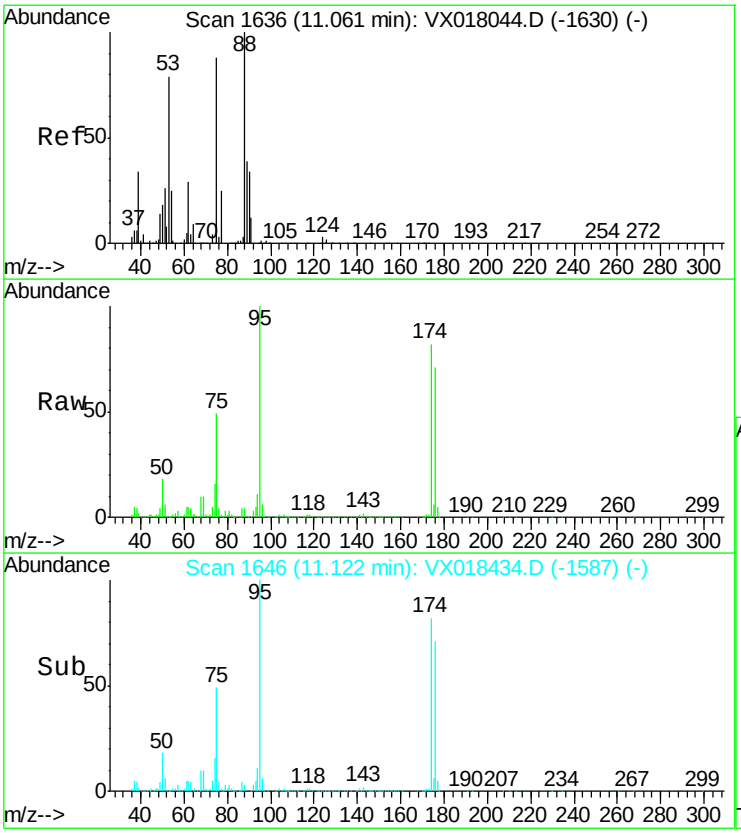
#76
1,2,3-Trichloropropane
Concen: 22.575 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX018434.D
Acq: 16 Sep 2020 12:23

Instrument :
MSVOA_X
ClientSampleId :
RBR-200031

Tgt Ion: 75 Resp: 161732

Ion	Ratio	Lower	Upper
75	100		
77	2.1	20.8	62.2#

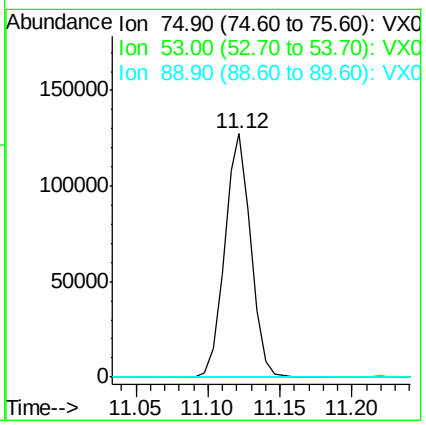


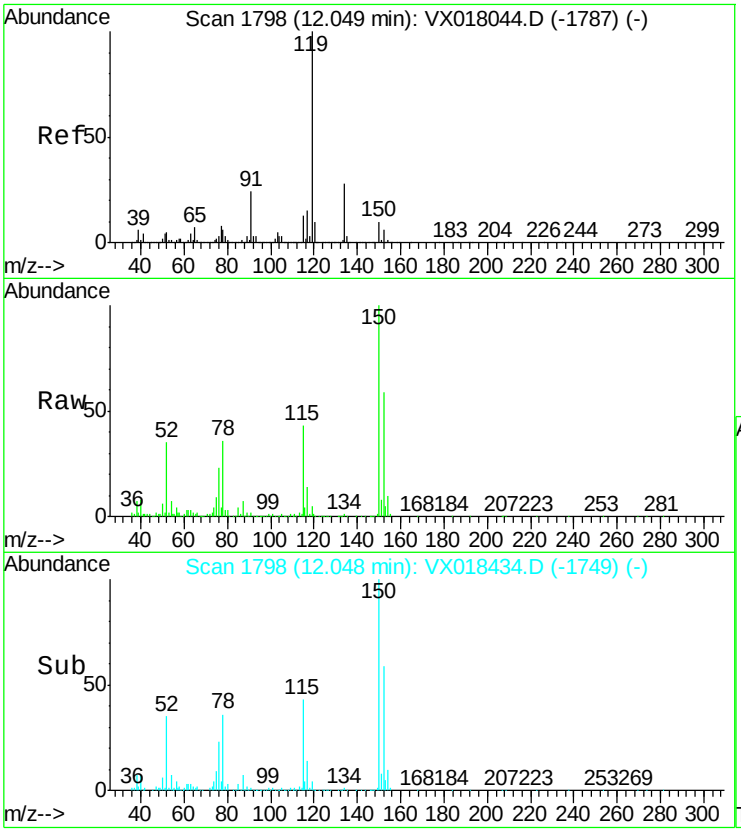


#81
trans-1,4-Dichloro-2-butene
Concen: 60.971 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.06 min
Lab File: VX018434.D
Acq: 16 Sep 2020 12:23

Tgt Ion: 75 Resp: 161732

Ion	Ratio	Lower	Upper
75	100		
53	0.3	74.7	112.1#
89	0.0	36.6	54.8#



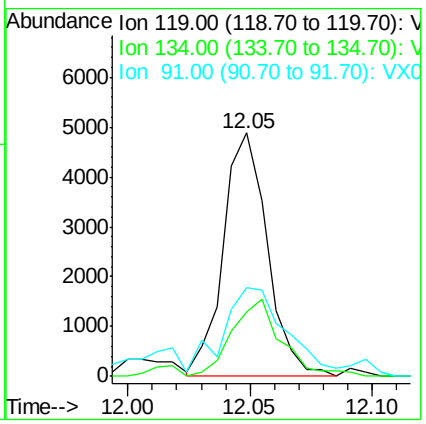


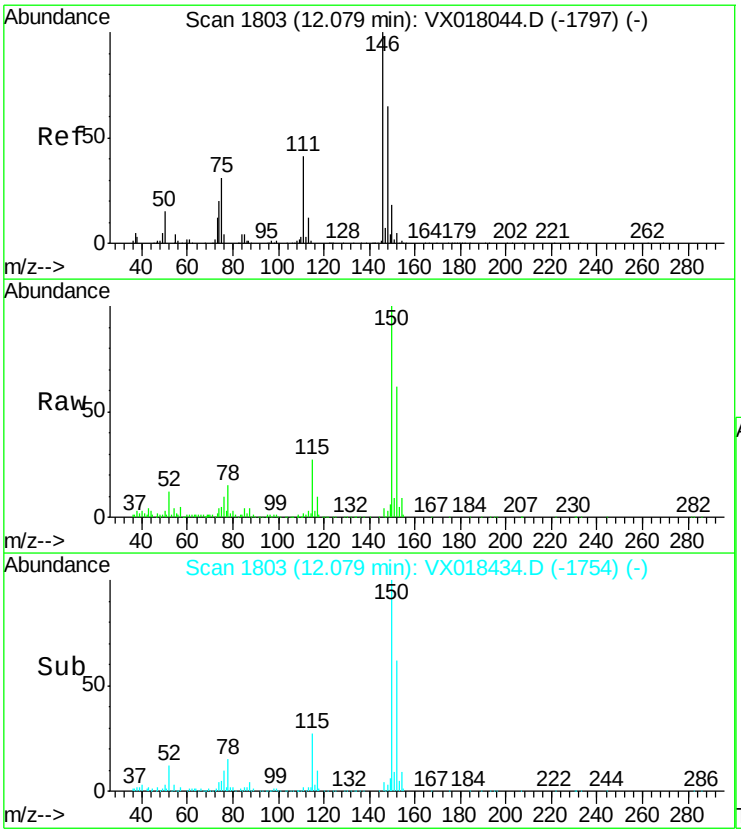
#86
p-Isopropyltoluene
Concen: 0.340 ug/l
RT: 12.05 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VX018434.D
Acq: 16 Sep 2020 12:23

Instrument :
MSVOA_X
ClientSampleId :
RBR-200031

Tgt Ion:119 Resp: 6115

Ion	Ratio	Lower	Upper
119	100		
134	35.8	13.2	39.5
91	48.8	11.8	35.4#

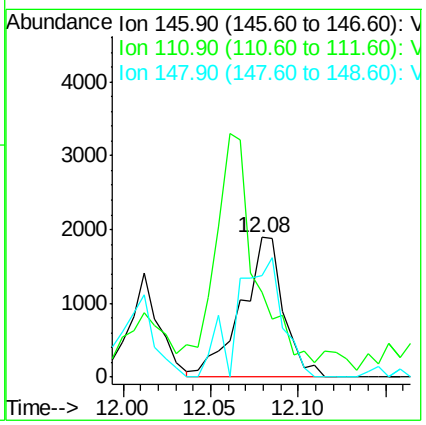


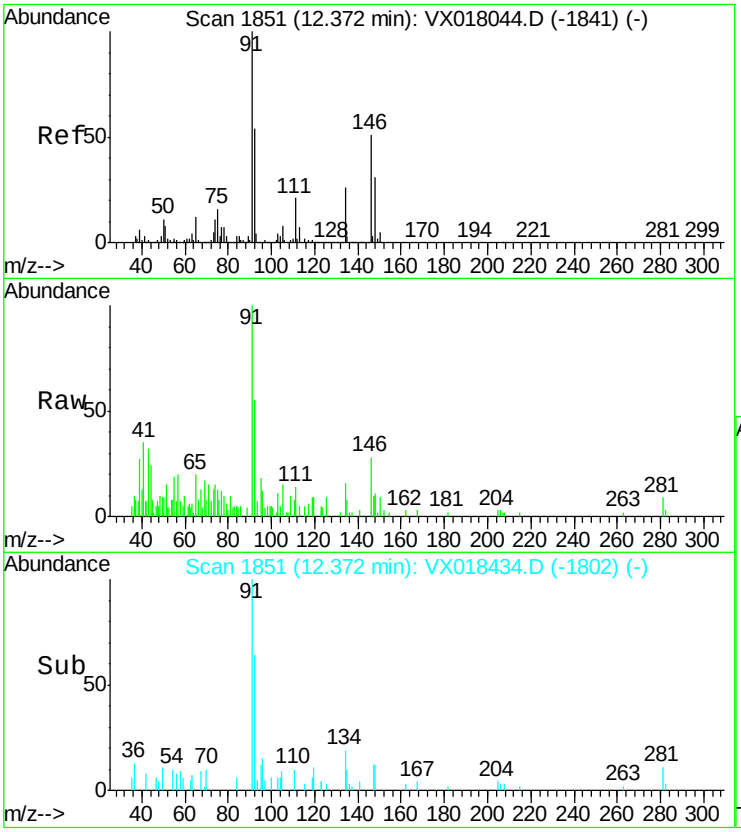


#88
1,4-Dichlorobenzene
Concen: 0.309 ug/l
RT: 12.08 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VX018434.D
Acq: 16 Sep 2020 12:23

Tgt Ion:146 Resp: 3193

Ion	Ratio	Lower	Upper
146	100		
111	0.0	20.3	60.8#
148	93.0	33.1	99.2



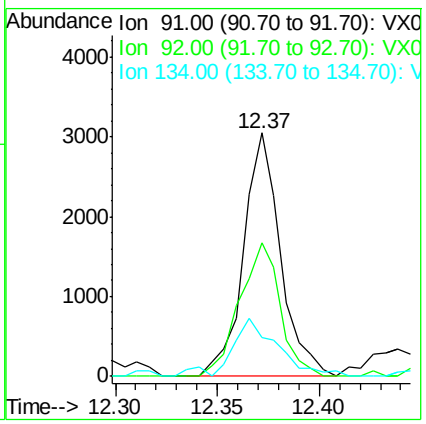


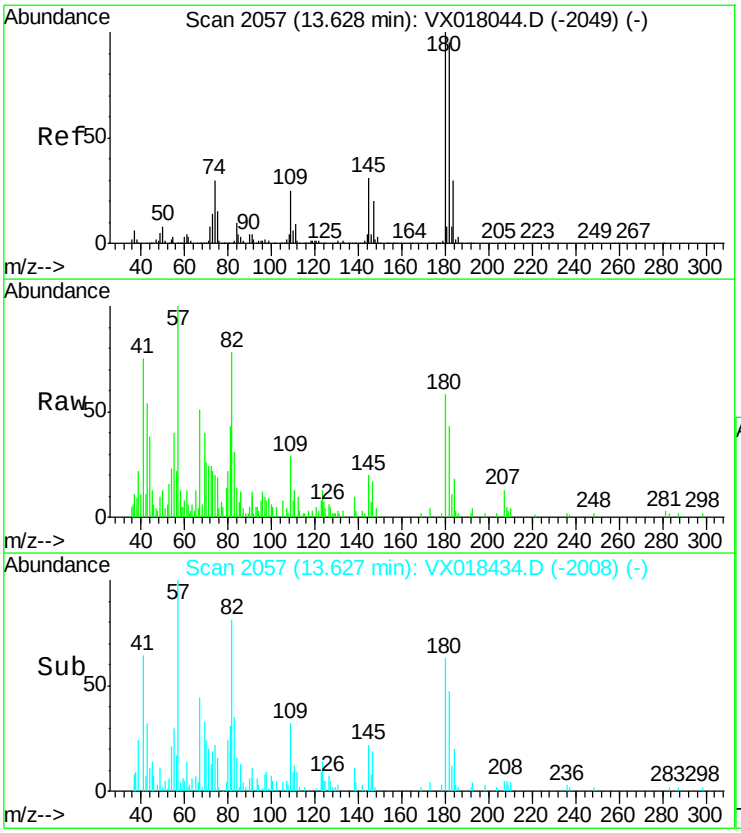
#89
n-Butylbenzene
Concen: 0.235 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018434.D
Acq: 16 Sep 2020 12:23

Instrument :
MSVOA_X
ClientSampleId :
RBR-200031

Tgt Ion: 91 Resp: 3862

Ion	Ratio	Lower	Upper
91	100		
92	59.7	26.4	79.2
134	29.2	12.9	38.7

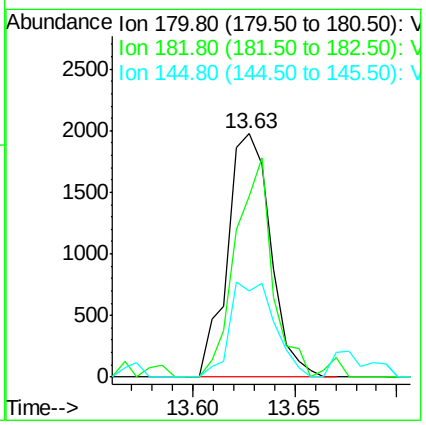


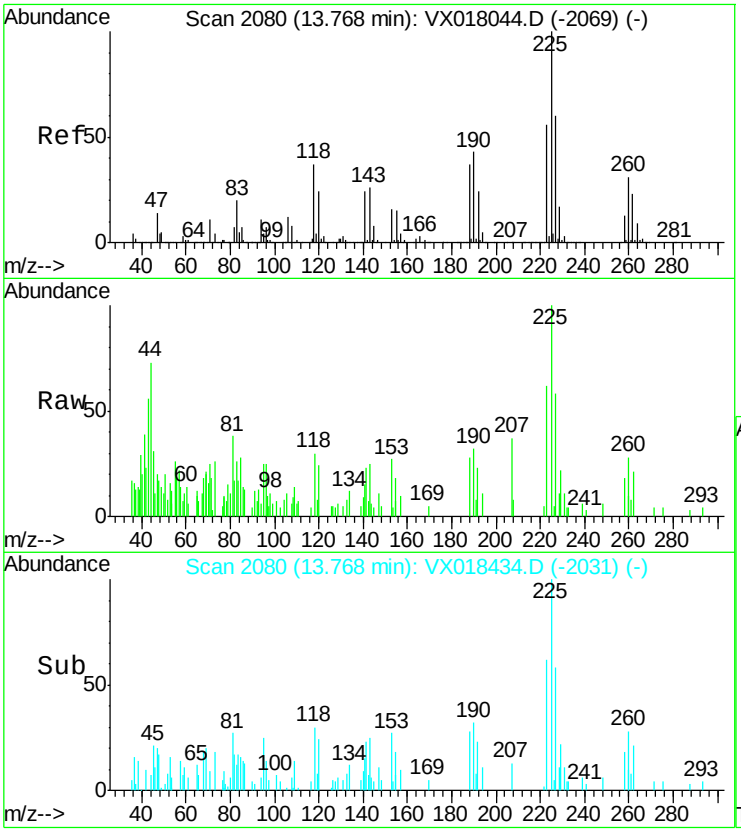


#93
1,2,4-Trichlorobenzene
Concen: 0.448 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX018434.D
Acq: 16 Sep 2020 12:23

Tgt Ion:180 Resp: 2897

Ion	Ratio	Lower	Upper
180	100		
182	77.7	47.5	142.6
145	40.3	15.7	47.1



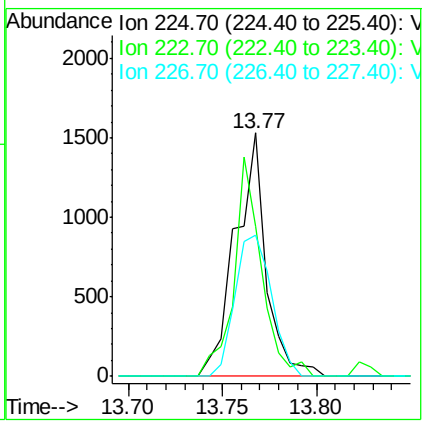


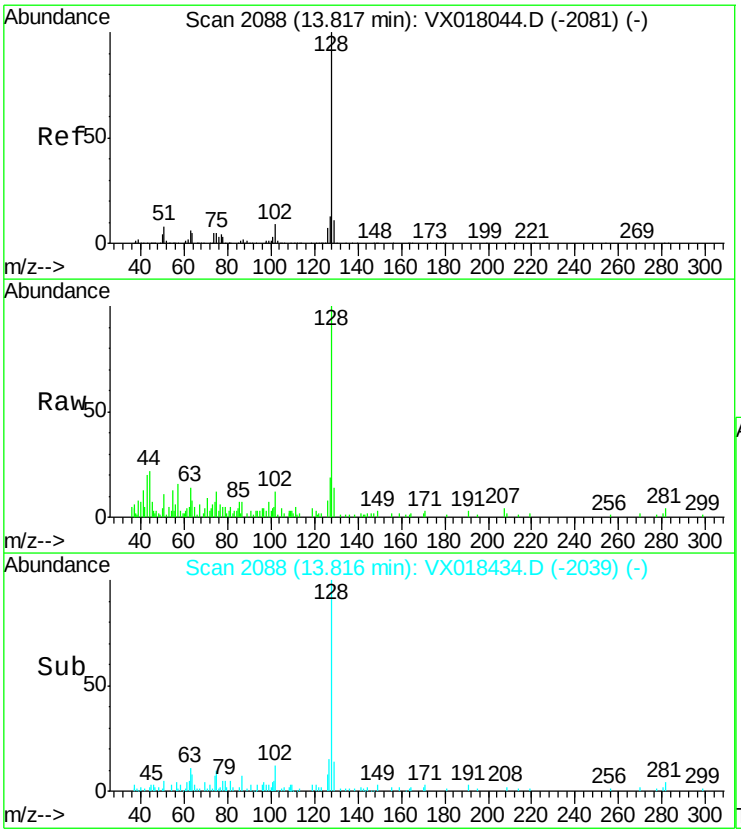
#94
Hexachlorobutadiene
Concen: 0.680 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX018434.D
Acq: 16 Sep 2020 12:23

Instrument :
MSVOA_X
ClientSampleId :
RBR-200031

Tgt Ion:225 Resp: 1735

Ion	Ratio	Lower	Upper
225	100		
223	80.3	30.7	92.1
227	69.0	32.6	97.8

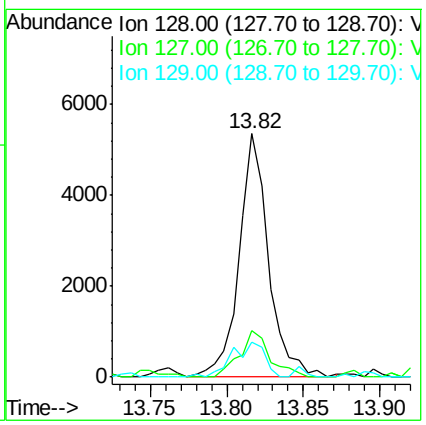


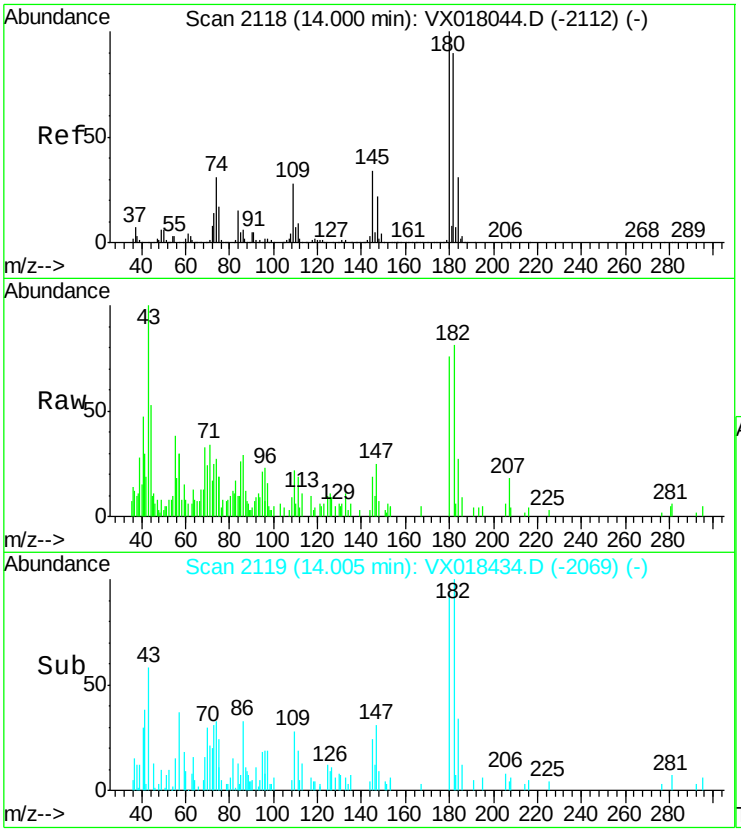


#95
Naphthalene
Concen: 0.337 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX018434.D
Acq: 16 Sep 2020 12:23

Tgt Ion:128 Resp: 7176

Ion	Ratio	Lower	Upper
128	100		
127	19.3	10.2	15.2#
129	15.7	8.7	13.1#





#96
1,2,3-Trichlorobenzene
Concen: 0.346 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX018434.D
Acq: 16 Sep 2020 12:23

Instrument :
MSVOA_X
ClientSampleId :
RBR-200031

Tgt Ion:180 Resp: 2214

Ion	Ratio	Lower	Upper
180	100		
182	122.0	47.3	142.0
145	42.9	17.5	52.6