Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101220\
Data File : VX018908.D
Acq On : 12 Oct 2020 17:07
Operator : JC/SP
Sample : PB132255TB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PB132255TB

Quant Time: Oct 13 04:08:43 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100920W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 10 06:09:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	241370	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	394681	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	400337	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	204149	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	192982	54.21	ug/l	0.00
Spiked Amount 50.000			Recovery = 108.42%			
35) Dibromofluoromethane	5.46	113	142374	50.62	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.24%			
50) Toluene-d8	8.70	98	522172	53.52	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.04%			
62) 4-Bromofluorobenzene	11.12	95	186859	48.05	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.10%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	50	1.636	ug/l #	43
3) Chloromethane	1.31	50	573	0.253	ug/l	95
5) Bromomethane	1.65	94	491	0.349	ug/l #	65
6) Chloroethane	1.70	64	348	0.205	ug/l #	44
8) Diethyl Ether	2.23	74	42	1.060	ug/l	52
10) Methyl Iodide	2.50	142	134	4.040	ug/l #	80
11) Tert butyl alcohol	2.98	59	972	1.734	ug/l #	76
12) 1,1-Dichloroethene	2.36	96	284	0.831	ug/l #	1
16) Acetone	2.42	43	11450	3.406	ug/l	92
18) Methyl Acetate	2.75	43	3158	1.067	ug/l	94
20) Methylene Chloride	2.84	84	5980	2.835	ug/l	95
25) 2-Butanone	4.65	43	1746	0.906	ug/l #	71
28) Bromochloromethane	4.99	49	111	1.572	ug/l #	8
29) Tetrahydrofuran	5.10	42	745	0.720	ug/l #	78
36) 1,1-Dichloropropene	5.63	75	19600	4.723	ug/l #	48
38) Carbon Tetrachloride	5.62	117	25300	4.919	ug/l #	19
43) Isopropyl Acetate	6.42	43	74078	11.123	ug/l	100
48) Methyl methacrylate	7.85	41	132228	39.129	ug/l #	44
49) 1,4-Dioxane	7.73	88	199	4.200	ug/l #	21
51) 4-Methyl-2-Pentanone	8.59	43	73266	18.849	ug/l #	54
54) cis-1,3-Dichloropropene	8.60	75	30604	6.082	ug/l #	61
56) Ethyl methacrylate	9.28	69	1889	3.331	ug/l #	1
57) 1,3-Dichloropropane	9.52	76	5513	1.106	ug/l #	42
59) 2-Hexanone	9.52	43	73974	24.979	ug/l #	53
76) 1,2,3-Trichloropropane	11.12	75	97682	22.207	ug/l #	37
80) 1,3,5-Trimethylbenzene	11.49	105	3481	0.305	ug/l	95
81) trans-1,4-Dichloro-2-buten	11.12	75	97682	62.933	ug/l #	7
95) Naphthalene	13.82	128	320	3.099	ug/l #	70

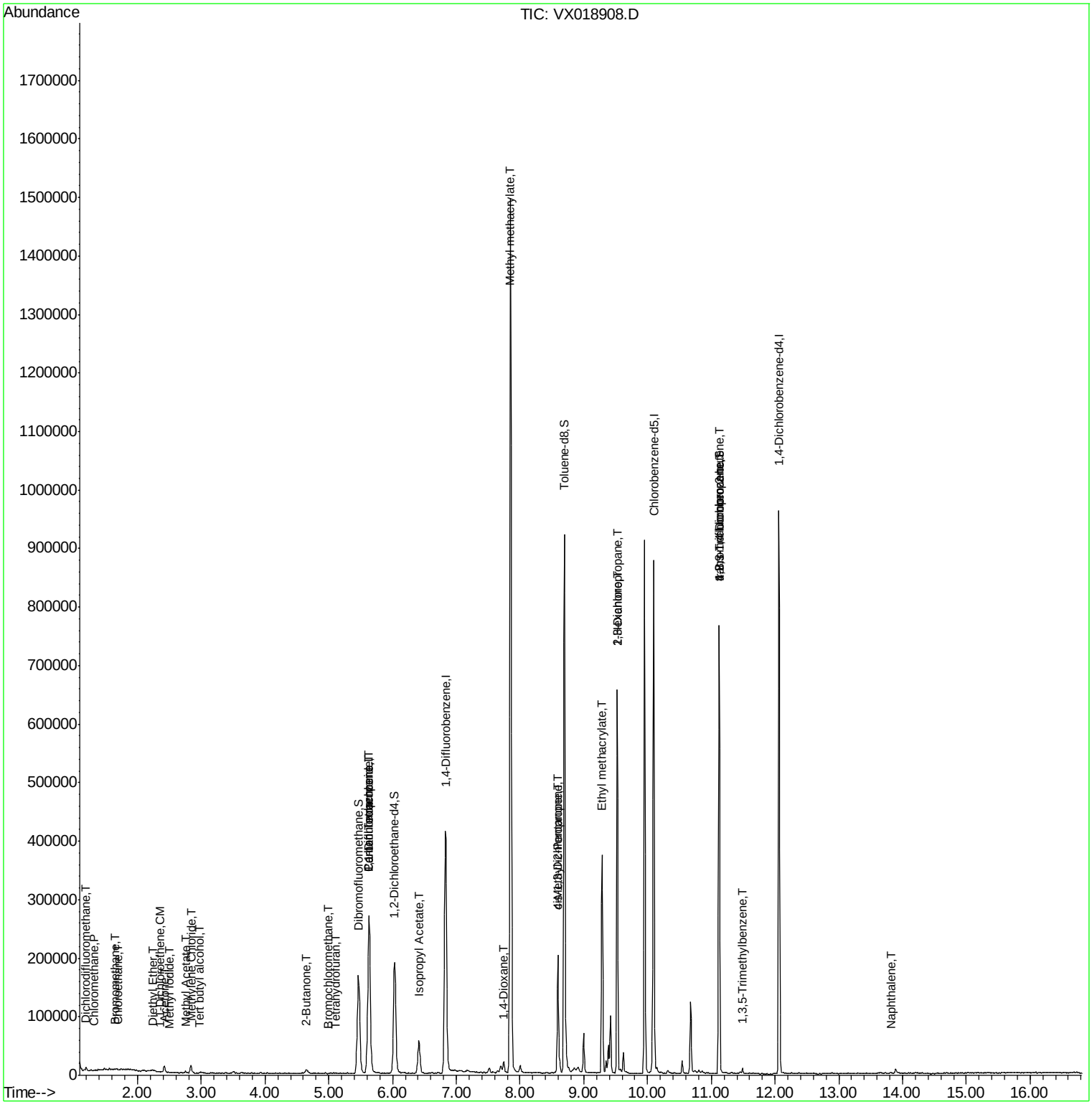
(#) = qualifier out of range (m) = manual integration (+) = signals summed

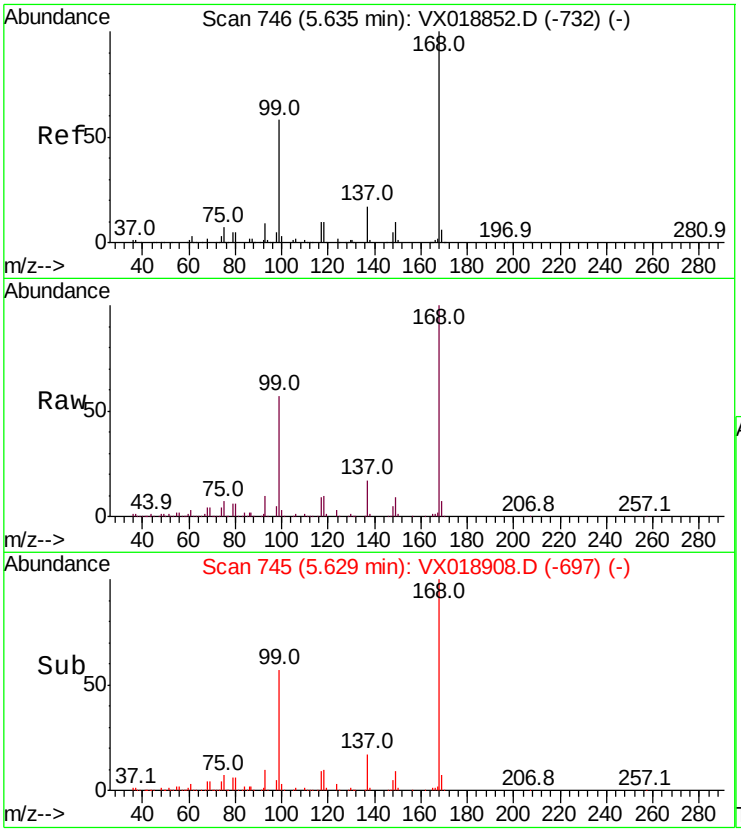
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101220\
Data File : VX018908.D
Acq On : 12 Oct 2020 17:07
Operator : JC/SP
Sample : PB132255TB
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB132255TB

Quant Time: Oct 13 04:08:43 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100920W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 10 06:09:09 2020
Response via : Initial Calibration



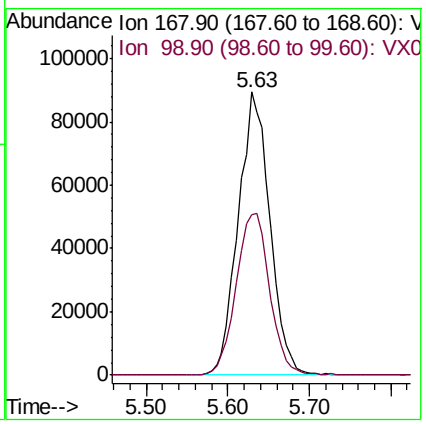


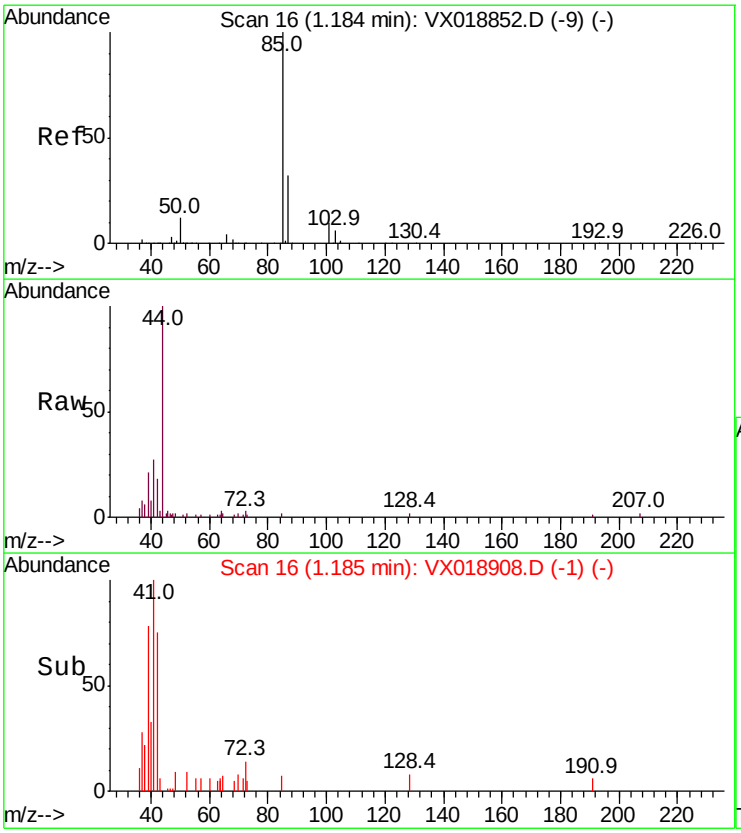
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.01 min
Lab File: VX018908.D
Acq: 12 Oct 2020 17:07

Instrument :
MSVOA_X
ClientSampleId :
PB132255TB

Tgt Ion:168 Resp: 241370

Ion	Ratio	Lower	Upper
168	100		
99	56.7	46.1	69.1

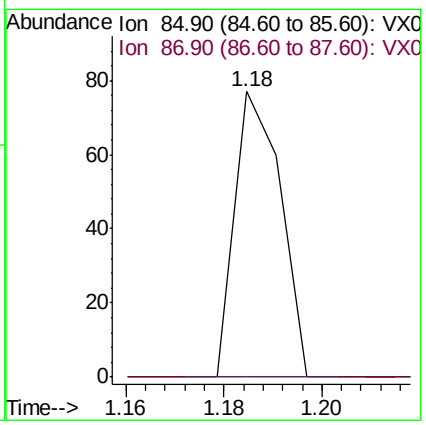


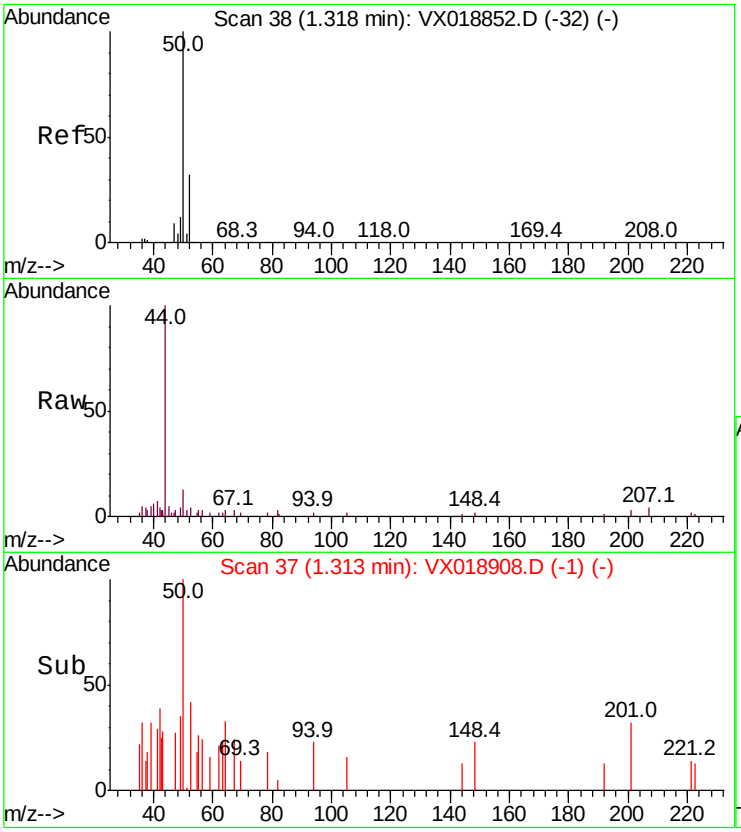


#2
Dichlorodifluoromethane
Concen: 1.636 ug/l
RT: 1.18 min Scan# 16
Delta R.T. 0.00 min
Lab File: VX018908.D
Acq: 12 Oct 2020 17:07

Tgt Ion: 85 Resp: 50

Ion	Ratio	Lower	Upper
85	100		
87	0.0	15.9	47.7#



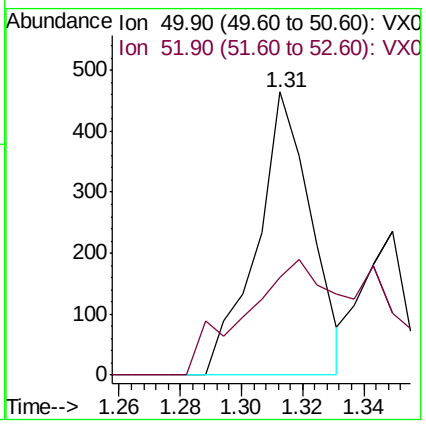


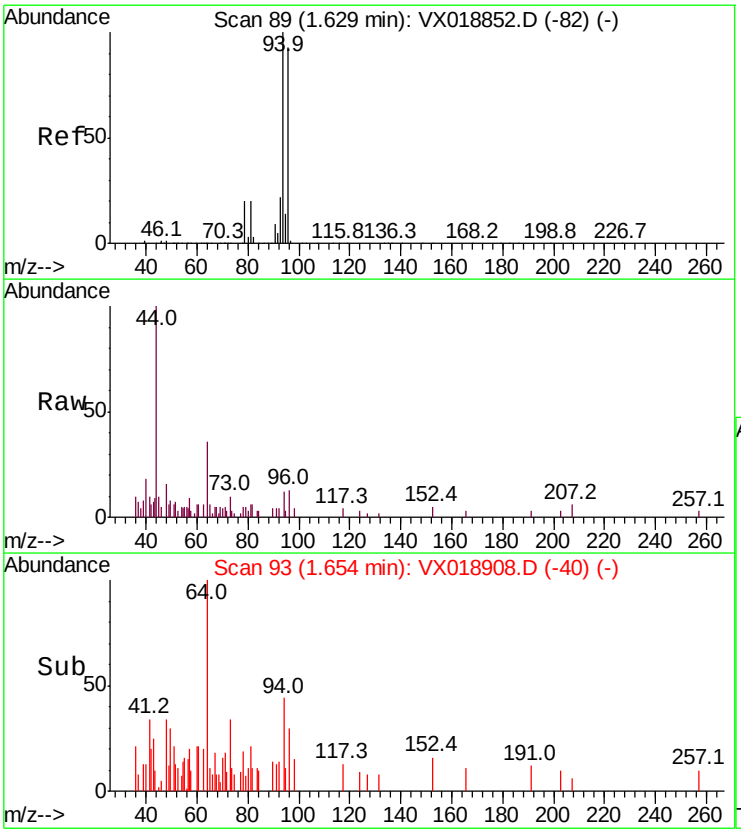
#3
Chloromethane
Concen: 0.253 ug/l
RT: 1.31 min Scan# 37
Delta R.T. -0.01 min
Lab File: VX018908.D
Acq: 12 Oct 2020 17:07

Instrument :
MSVOA_X
ClientSampleId :
PB132255TB

Tgt Ion: 50 Resp: 573

Ion	Ratio	Lower	Upper
50	100		
52	34.5	25.2	37.8

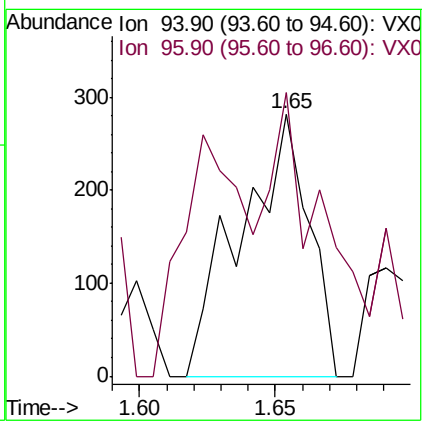


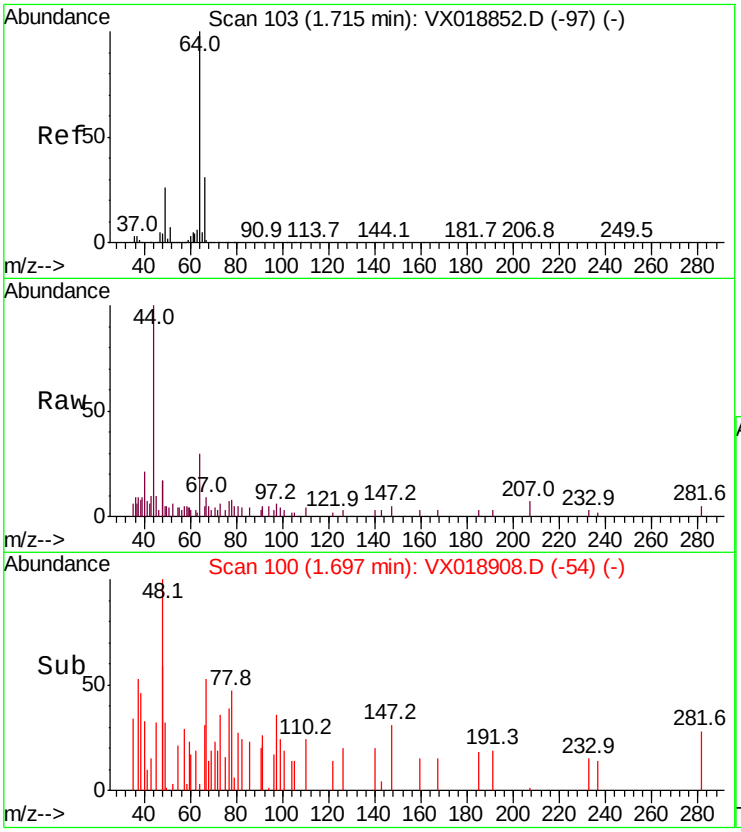


#5
Bromomethane
Concen: 0.349 ug/l
RT: 1.65 min Scan# 93
Delta R.T. 0.02 min
Lab File: VX018908.D
Acq: 12 Oct 2020 17:07

Tgt Ion: 94 Resp: 491

Ion	Ratio	Lower	Upper
94	100		
96	59.2	74.5	111.7#



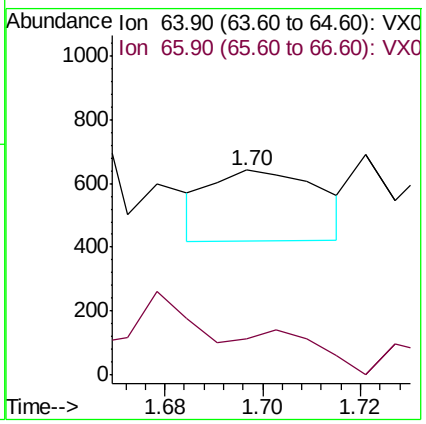


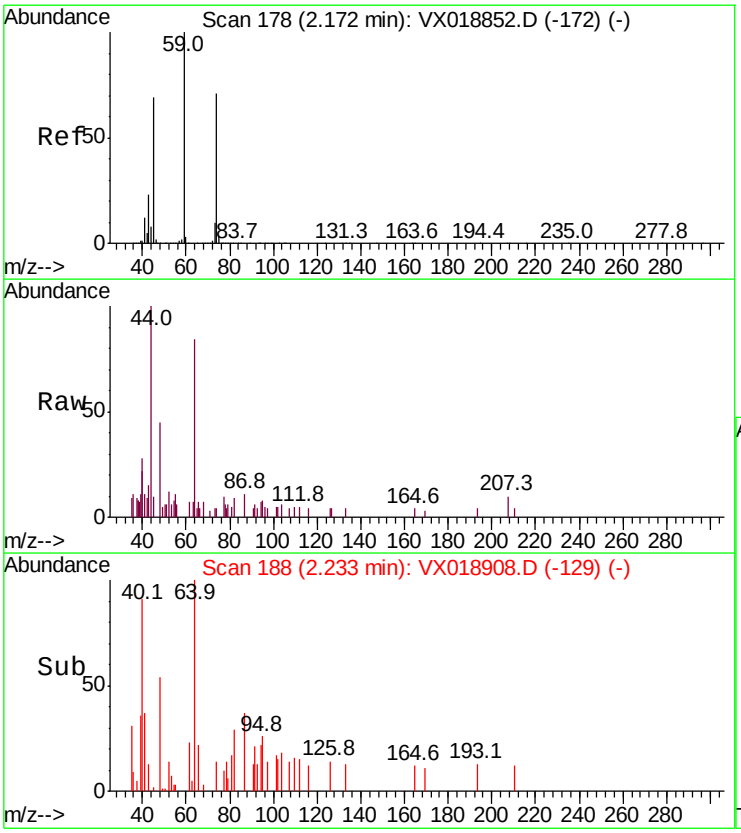
#6
Chloroethane
Concen: 0.205 ug/l
RT: 1.70 min Scan# 100
Delta R.T. -0.02 min
Lab File: VX018908.D
Acq: 12 Oct 2020 17:07

Instrument :
MSVOA_X
ClientSampleId :
PB132255TB

Tgt Ion: 64 Resp: 348

Ion	Ratio	Lower	Upper
64	100		
66	0.0	24.7	37.1#

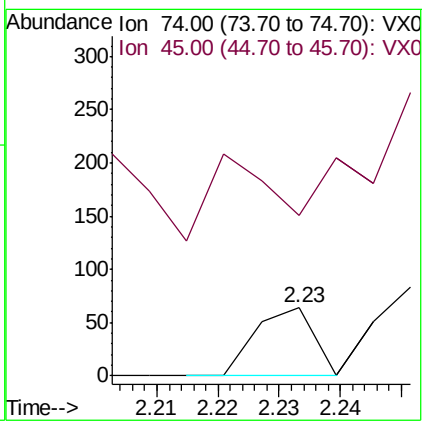


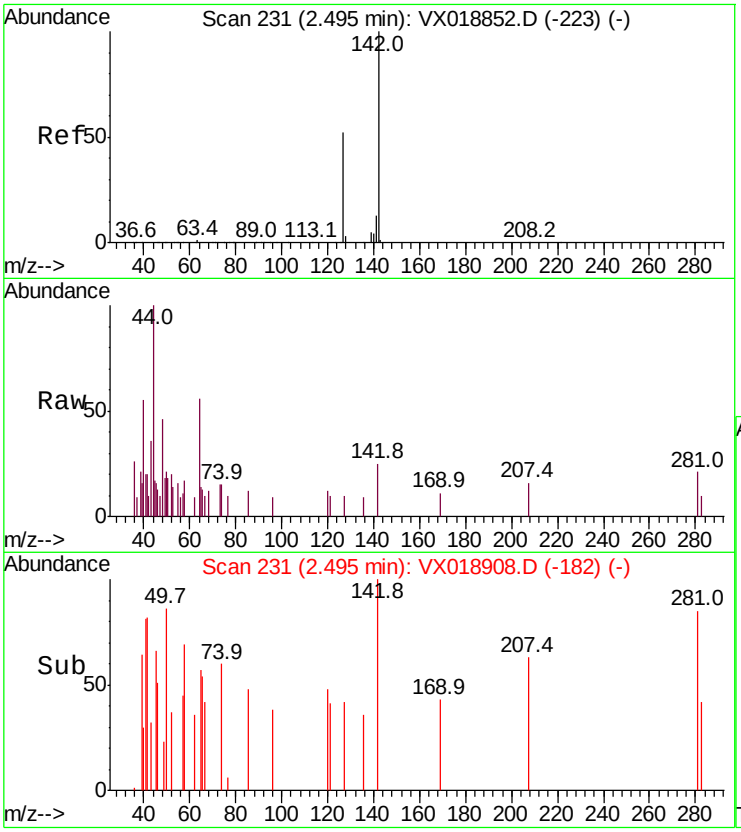


#8
Diethyl Ether
Concen: 1.060 ug/l
RT: 2.23 min Scan# 188
Delta R.T. 0.06 min
Lab File: VX018908.D
Acq: 12 Oct 2020 17:07

Tgt Ion: 74 Resp: 42

Ion	Ratio	Lower	Upper
74	100		
45	140.5	47.0	141.2



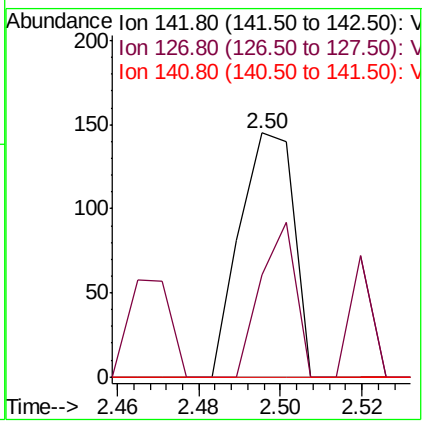


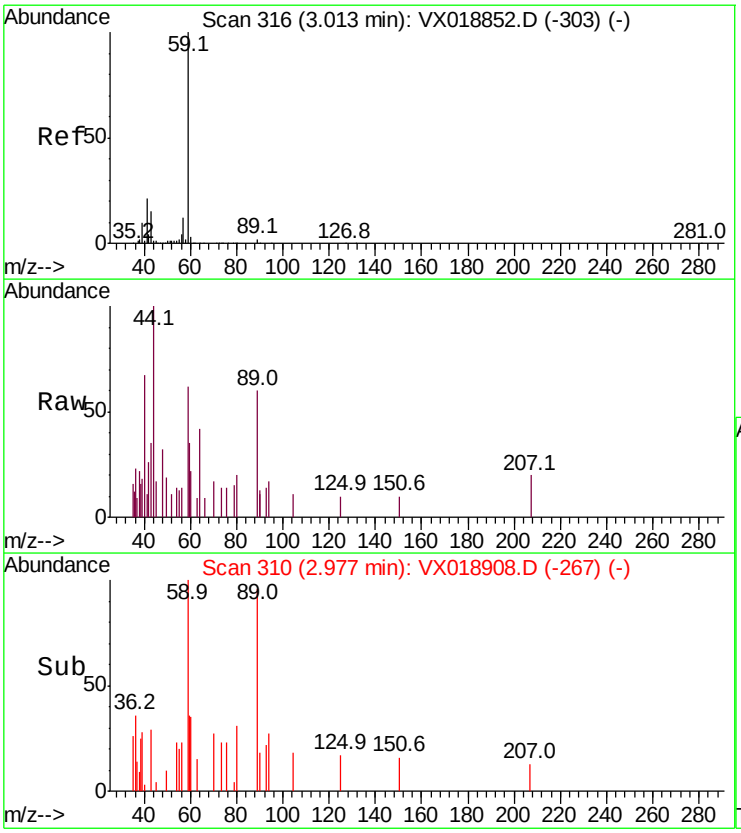
#10
Methyl Iodide
Concen: 4.040 ug/l
RT: 2.50 min Scan# 231
Delta R.T. 0.00 min
Lab File: VX018908.D
Acq: 12 Oct 2020 17:07

Instrument : MSVOA_X
ClientSampleId : PB132255TB

Tgt Ion:142 Resp: 134

Ion	Ratio	Lower	Upper
142	100		
127	41.8	42.0	63.0#
141	0.0	11.8	17.6#

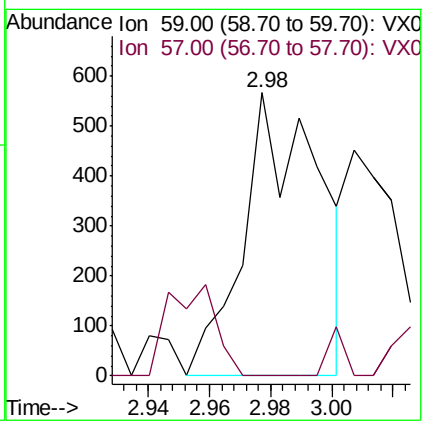


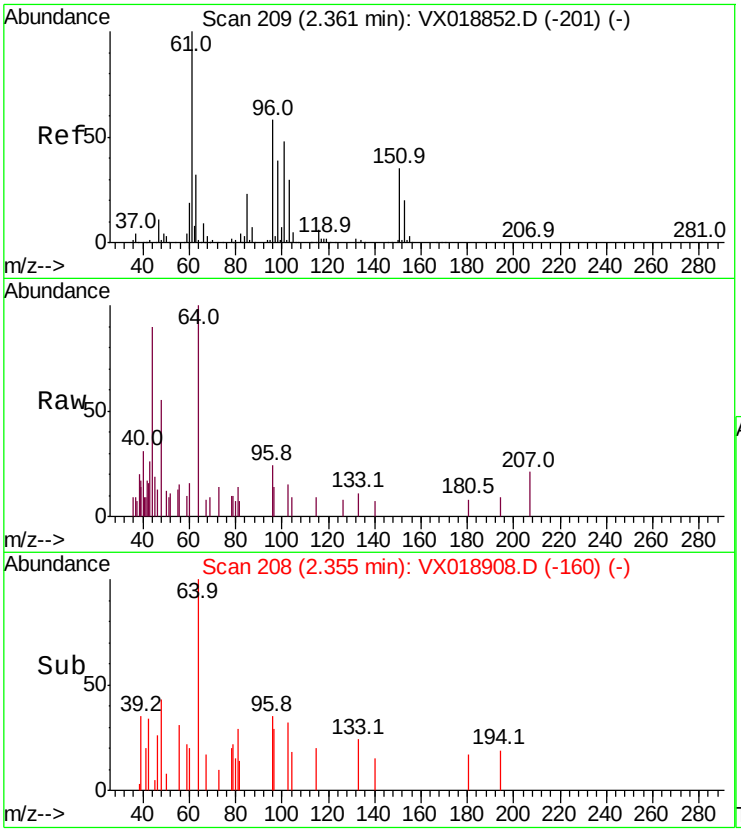


#11
Tert butyl alcohol
Concen: 1.734 ug/l
RT: 2.98 min Scan# 310
Delta R.T. -0.04 min
Lab File: VX018908.D
Acq: 12 Oct 2020 17:07

Tgt Ion: 59 Resp: 972

Ion	Ratio	Lower	Upper
59	100		
57	20.5	9.0	13.6#



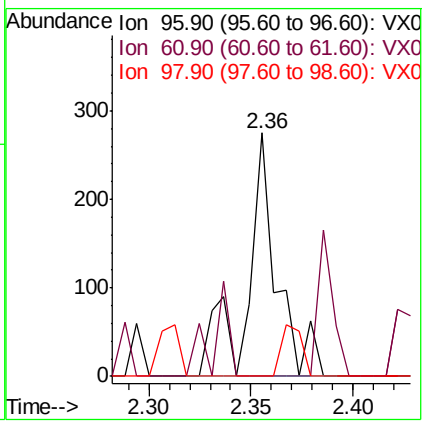


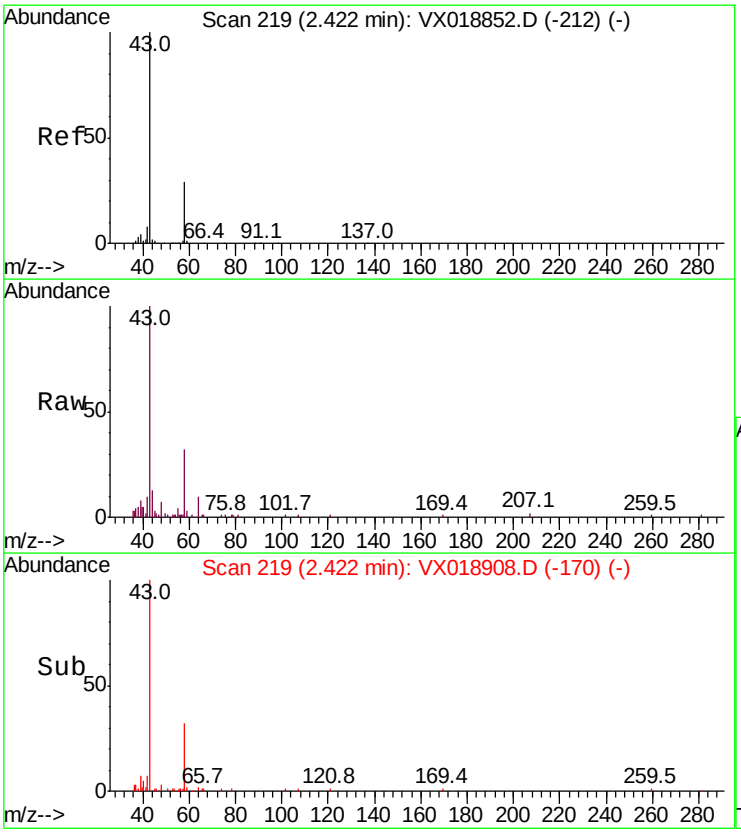
#12
1,1-Dichloroethene
Concen: 0.831 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018908.D
Acq: 12 Oct 2020 17:07

Instrument :
MSVOA_X
ClientSampleId :
PB132255TB

Tgt Ion: 96 Resp: 284

Ion	Ratio	Lower	Upper
96	100		
61	0.0	137.0	205.6#
98	0.0	53.9	80.9#

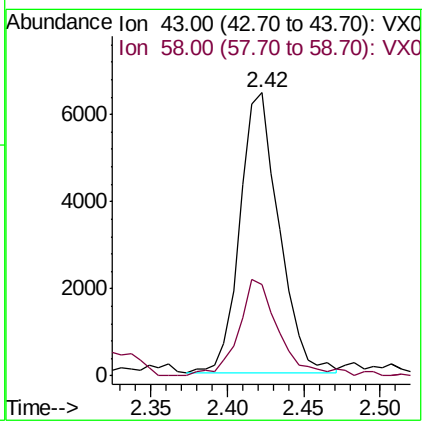


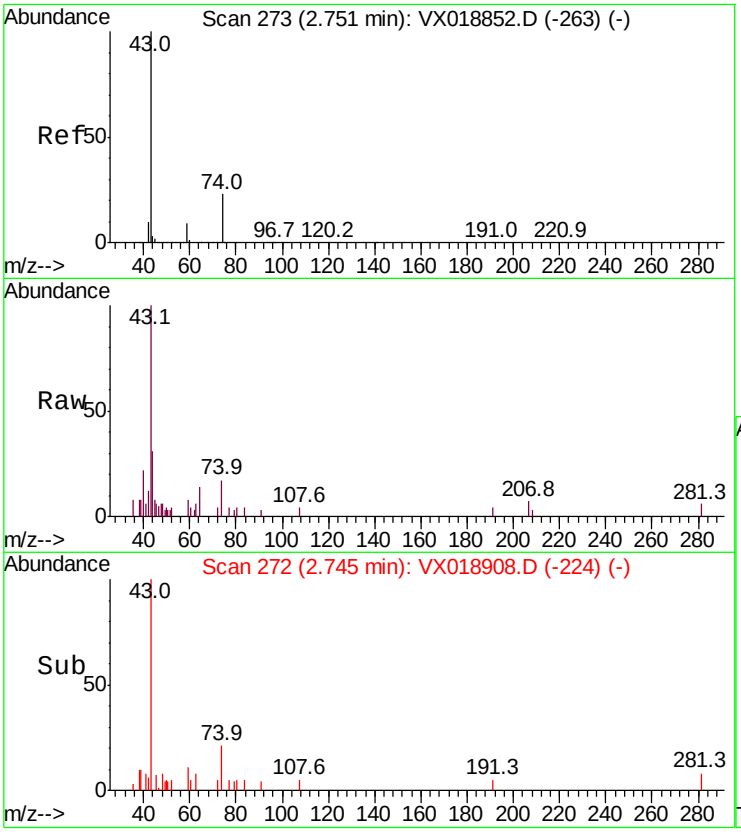


#16
Acetone
Concen: 3.406 ug/l
RT: 2.42 min Scan# 219
Delta R.T. 0.00 min
Lab File: VX018908.D
Acq: 12 Oct 2020 17:07

Tgt Ion: 43 Resp: 11450

Ion	Ratio	Lower	Upper
43	100		
58	32.8	23.0	34.4



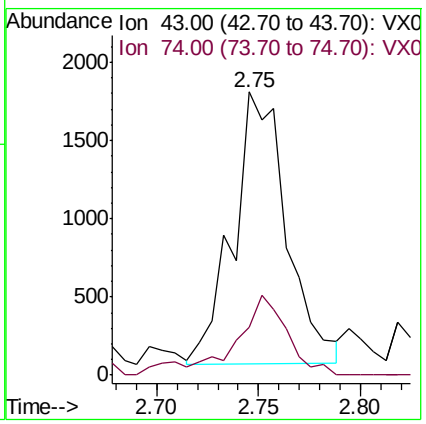


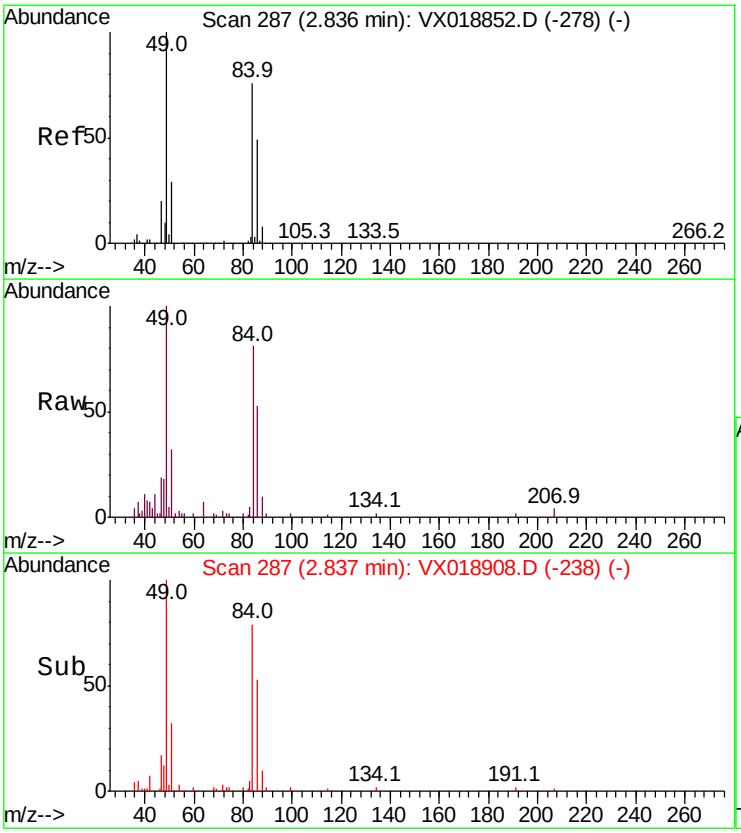
#18
Methyl Acetate
Concen: 1.067 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX018908.D
Acq: 12 Oct 2020 17:07

Instrument : MSVOA_X
ClientSampleId : PB132255TB

Tgt Ion: 43 Resp: 3158

Ion	Ratio	Lower	Upper
43	100		
74	26.4	18.9	28.3

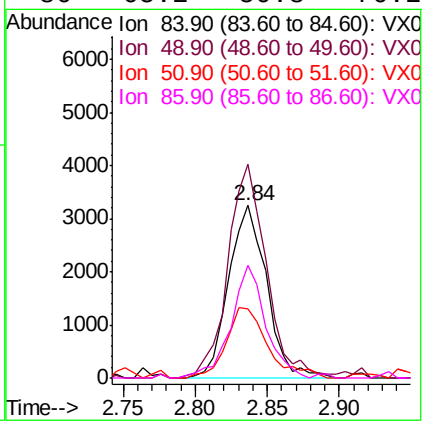


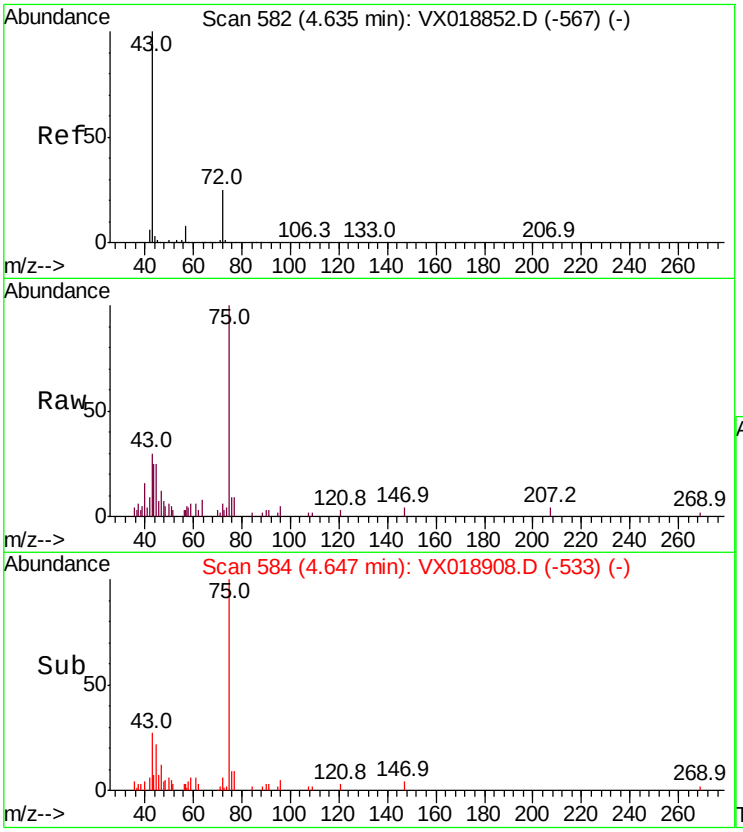


#20
Methylene Chloride
Concen: 2.835 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX018908.D
Acq: 12 Oct 2020 17:07

Tgt Ion: 84 Resp: 5980

Ion	Ratio	Lower	Upper
84	100		
49	122.4	104.8	157.2
51	39.9	30.6	46.0
86	65.2	50.8	76.2



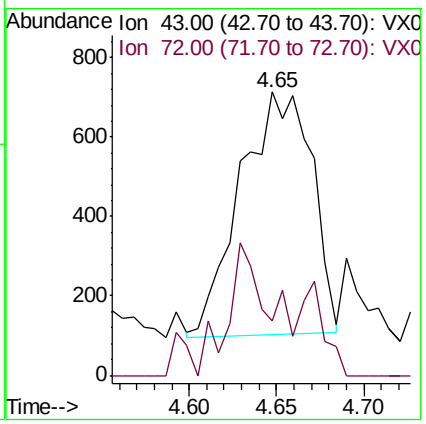


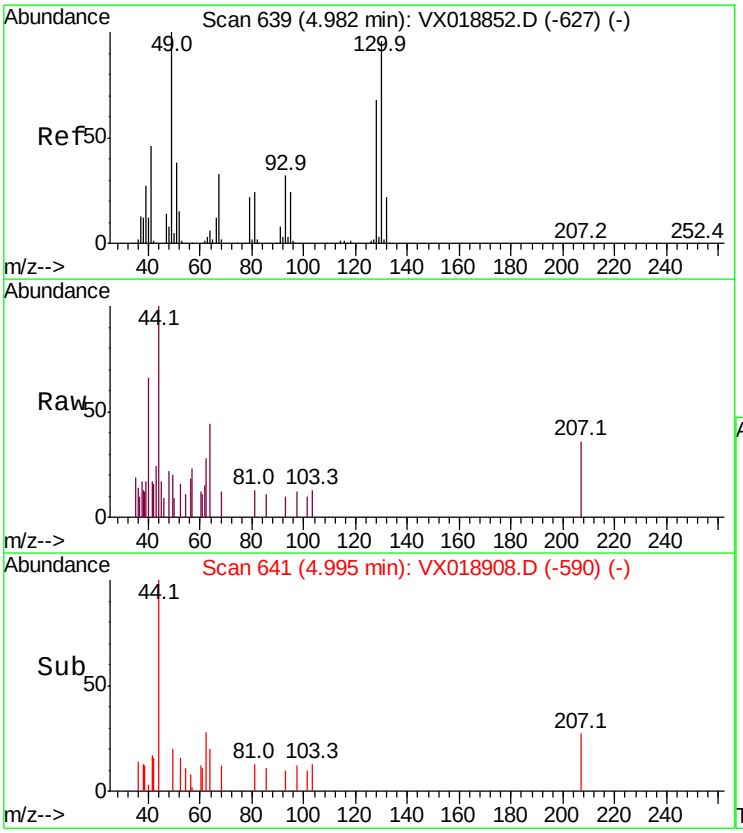
#25
2-Butanone
Concen: 0.906 ug/l
RT: 4.65 min Scan# 584
Delta R.T. 0.01 min
Lab File: VX018908.D
Acq: 12 Oct 2020 17:07

Instrument : MSVOA_X
ClientSampleId : PB132255TB

Tgt Ion: 43 Resp: 1746

Ion	Ratio	Lower	Upper
43	100		
72	10.8	20.2	30.4#

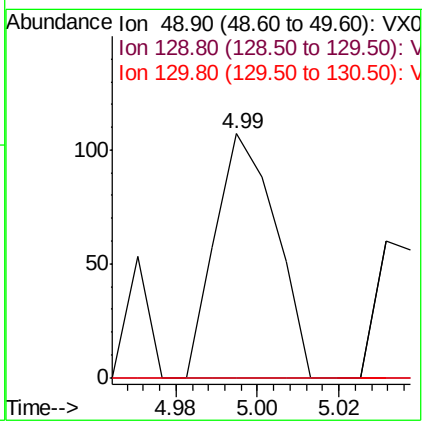


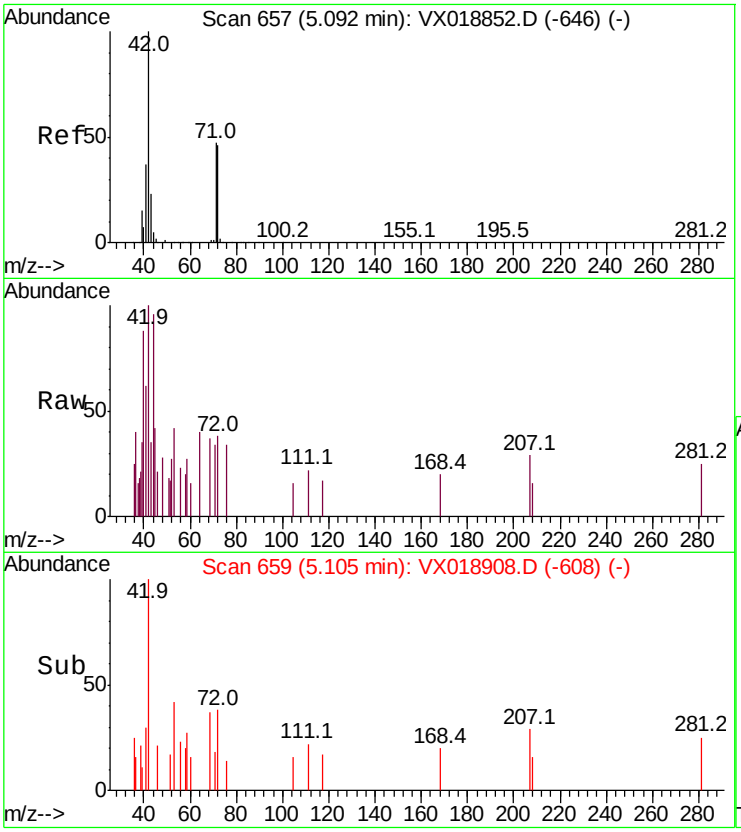


#28
Bromochloromethane
Concen: 1.572 ug/l
RT: 4.99 min Scan# 641
Delta R.T. 0.01 min
Lab File: VX018908.D
Acq: 12 Oct 2020 17:07

Tgt Ion: 49 Resp: 111

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	5.4
130	0.0	71.2	106.8#



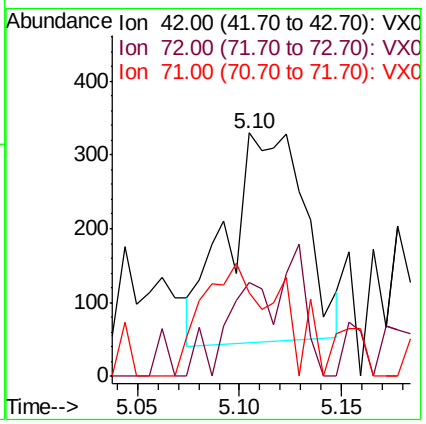


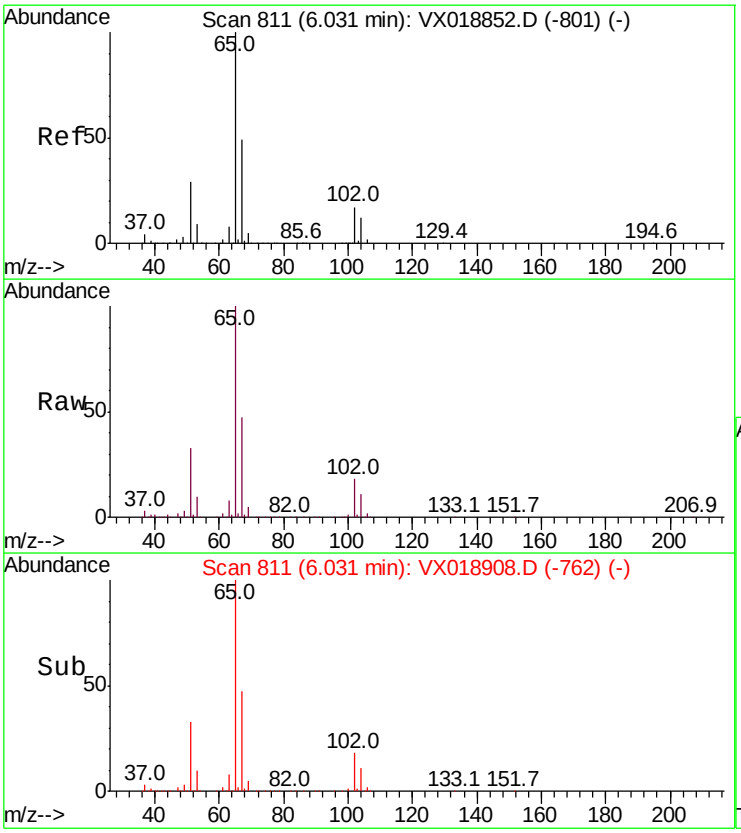
#29
Tetrahydrofuran
Concen: 0.720 ug/l
RT: 5.10 min Scan# 659
Delta R.T. 0.01 min
Lab File: VX018908.D
Acq: 12 Oct 2020 17:07

Instrument :
MSVOA_X
ClientSampleId :
PB132255TB

Tgt Ion: 42 Resp: 745

Ion	Ratio	Lower	Upper
42	100		
72	27.1	36.4	54.6#
71	54.0	35.2	52.8#

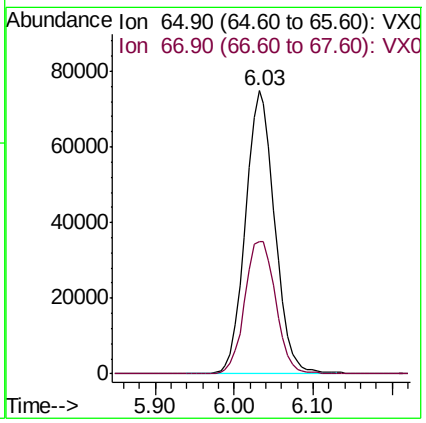


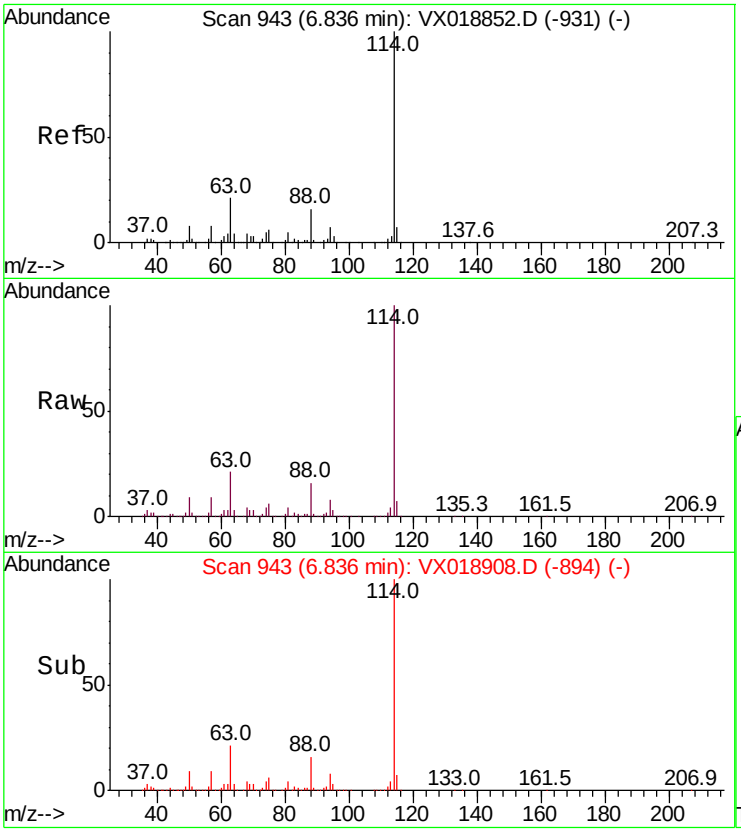


#33
1,2-Dichloroethane-d4
Concen: 54.209 ug/l
RT: 6.03 min Scan# 811
Delta R.T. 0.00 min
Lab File: VX018908.D
Acq: 12 Oct 2020 17:07

Tgt Ion: 65 Resp: 192982

Ion	Ratio	Lower	Upper
65	100		
67	49.6	0.0	97.0



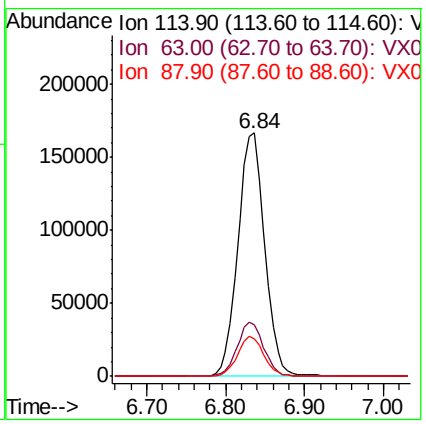


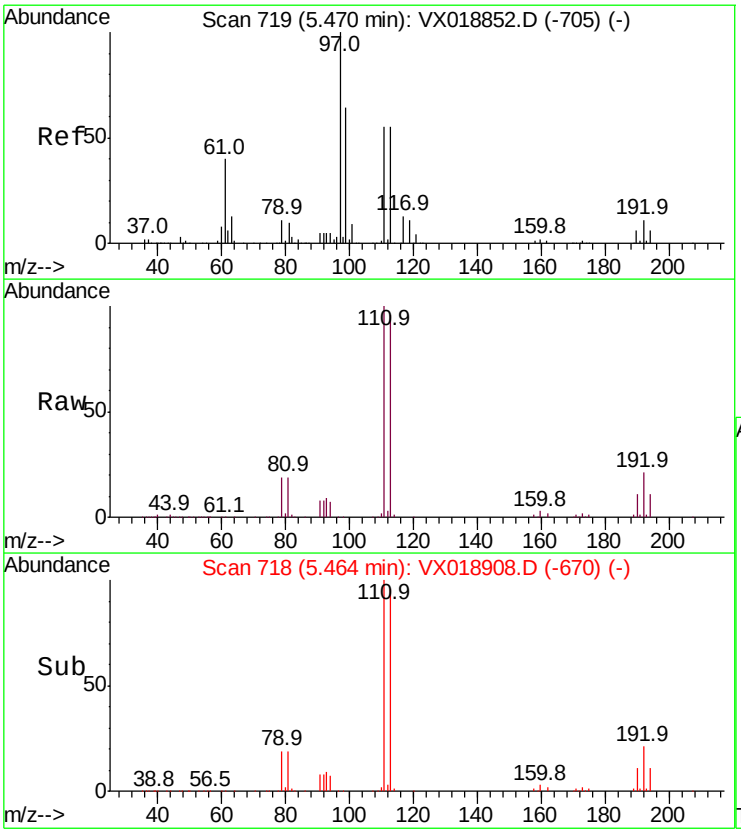
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.84 min Scan# 943
Delta R.T. 0.00 min
Lab File: VX018908.D
Acq: 12 Oct 2020 17:07

Instrument :
MSVOA_X
ClientSampleId :
PB132255TB

Tgt Ion:114 Resp: 394681

Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	42.4
88	15.5	0.0	32.6

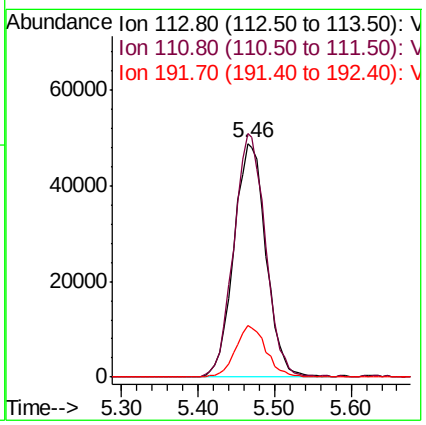


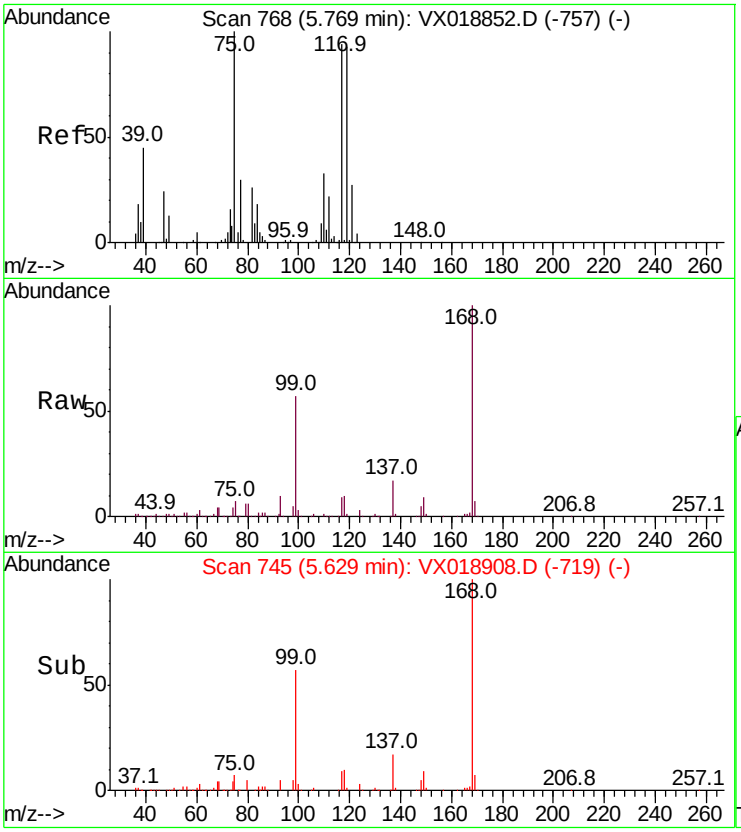


#35
Dibromofluoromethane
Concen: 50.617 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX018908.D
Acq: 12 Oct 2020 17:07

Tgt Ion:113 Resp: 142374

Ion	Ratio	Lower	Upper
113	100		
111	102.9	80.1	120.1
192	20.9	16.0	24.0



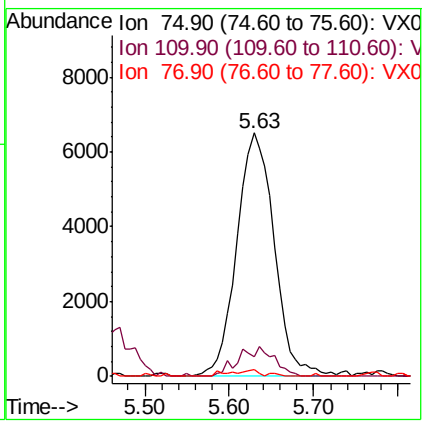


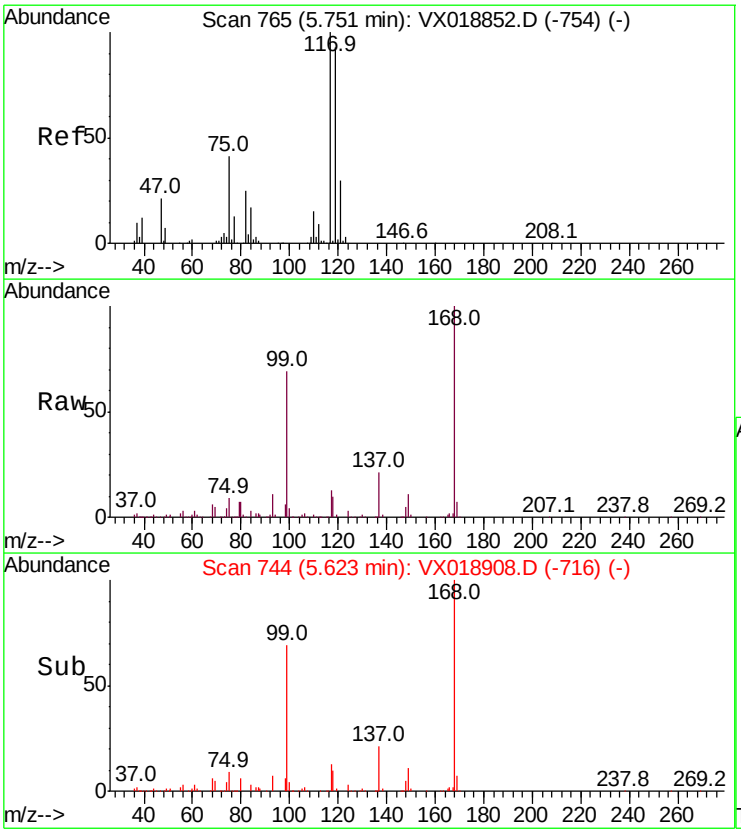
#36
1,1-Dichloropropene
Concen: 4.723 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.14 min
Lab File: VX018908.D
Acq: 12 Oct 2020 17:07

Instrument :
MSVOA_X
ClientSampleId :
PB132255TB

Tgt Ion: 75 Resp: 19600

Ion	Ratio	Lower	Upper
75	100		
110	5.8	17.8	53.5#
77	1.3	24.2	36.4#

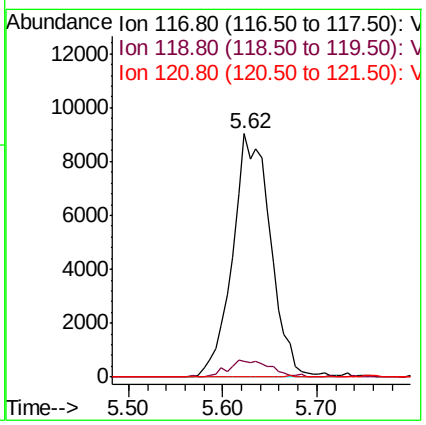


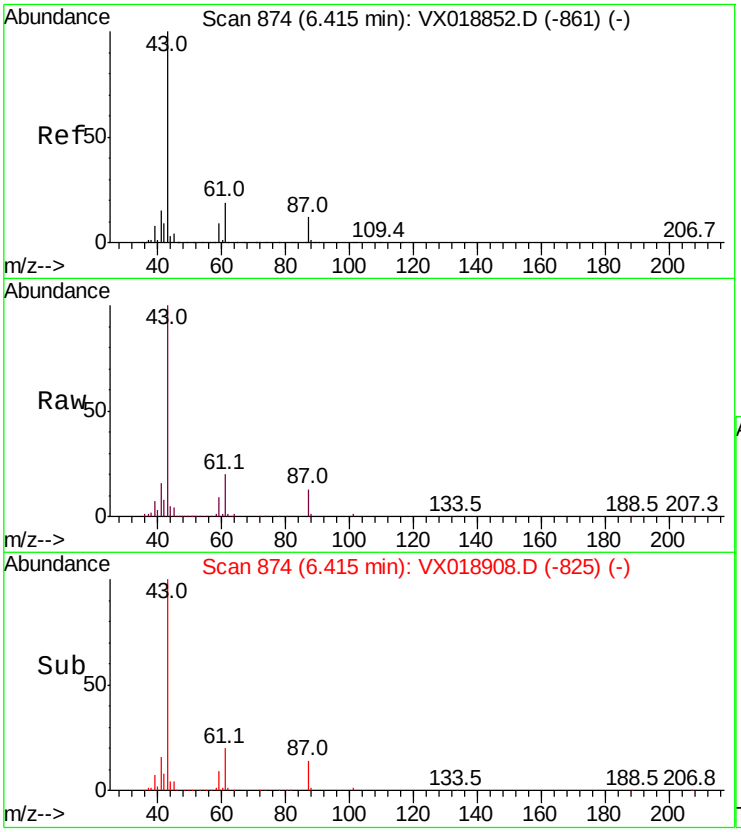


#38
Carbon Tetrachloride
Concen: 4.919 ug/l
RT: 5.62 min Scan# 744
Delta R.T. -0.13 min
Lab File: VX018908.D
Acq: 12 Oct 2020 17:07

Tgt Ion:117 Resp: 25300

Ion	Ratio	Lower	Upper
117	100		
119	6.6	73.9	110.9#
121	0.0	23.6	35.4#



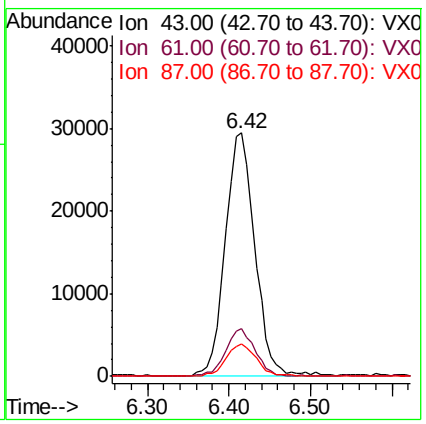


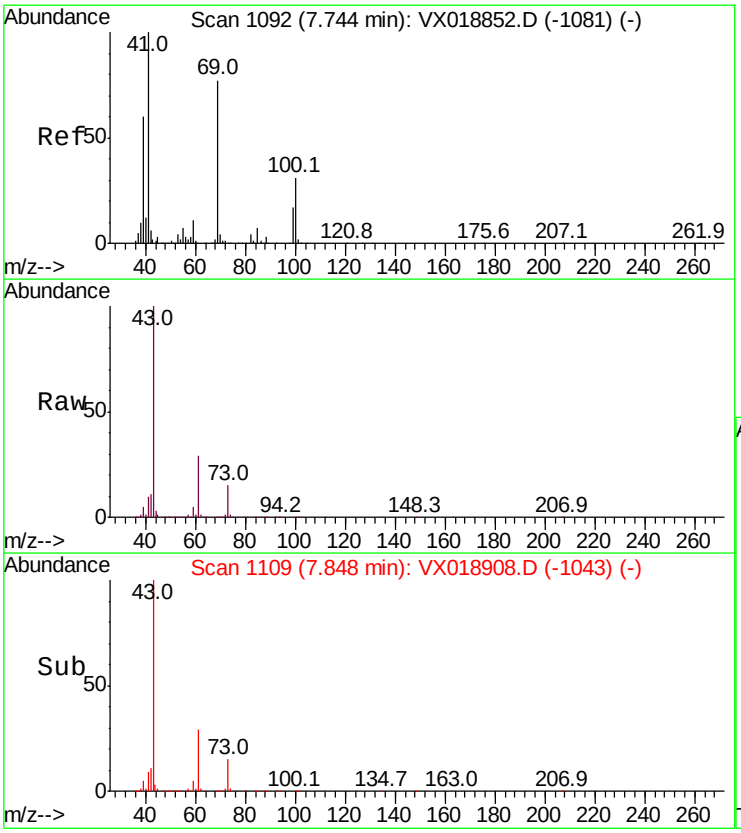
#43
Isopropyl Acetate
Concen: 11.123 ug/l
RT: 6.42 min Scan# 874
Delta R.T. 0.00 min
Lab File: VX018908.D
Acq: 12 Oct 2020 17:07

Instrument :
MSVOA_X
ClientSampleId :
PB132255TB

Tgt Ion: 43 Resp: 74078

Ion	Ratio	Lower	Upper
43	100		
61	19.4	15.5	23.3
87	13.6	10.8	16.2

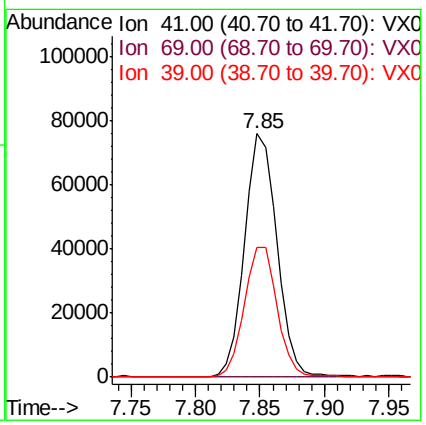


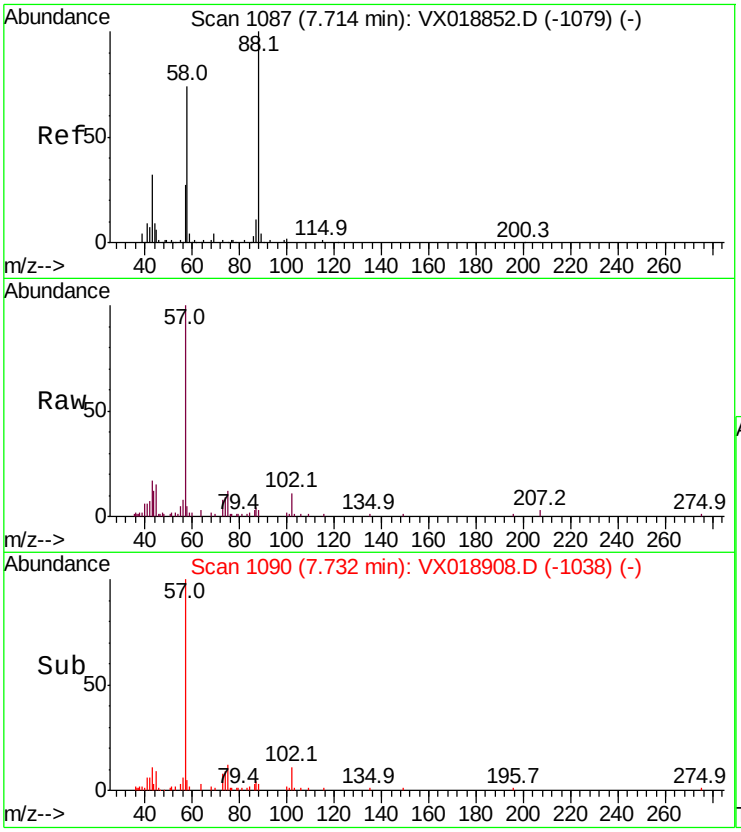


#48
Methyl methacrylate
Concen: 39.129 ug/l
RT: 7.85 min Scan# 1109
Delta R.T. 0.10 min
Lab File: VX018908.D
Acq: 12 Oct 2020 17:07

Tgt Ion: 41 Resp: 132228

Ion	Ratio	Lower	Upper
41	100		
69	0.2	64.6	97.0#
39	53.7	48.6	73.0



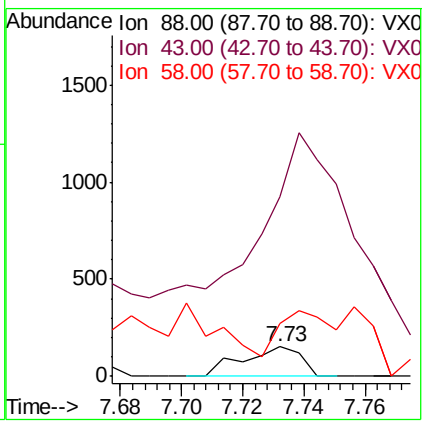


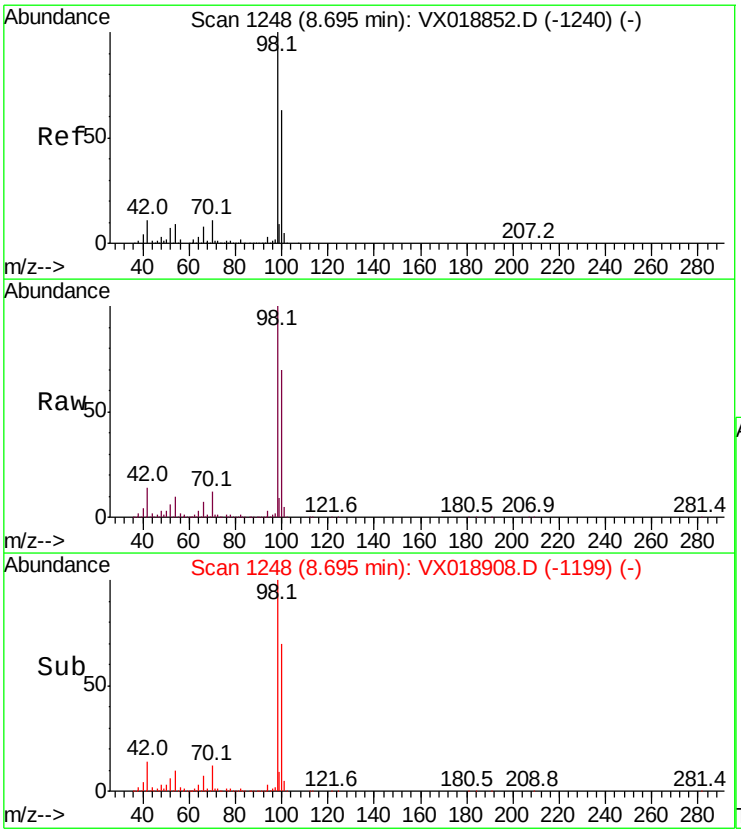
#49
1,4-Dioxane
Concen: 4.200 ug/l
RT: 7.73 min Scan# 1090
Delta R.T. 0.02 min
Lab File: VX018908.D
Acq: 12 Oct 2020 17:07

Instrument : MSVOA_X
ClientSampleId : PB132255TB

Tgt Ion: 88 Resp: 199

Ion	Ratio	Lower	Upper
88	100		
43	0.0	31.0	46.6#
58	0.0	59.3	88.9#

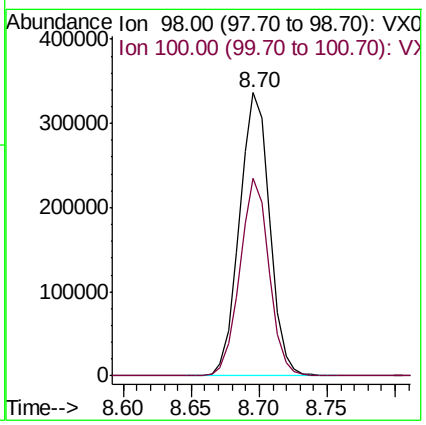


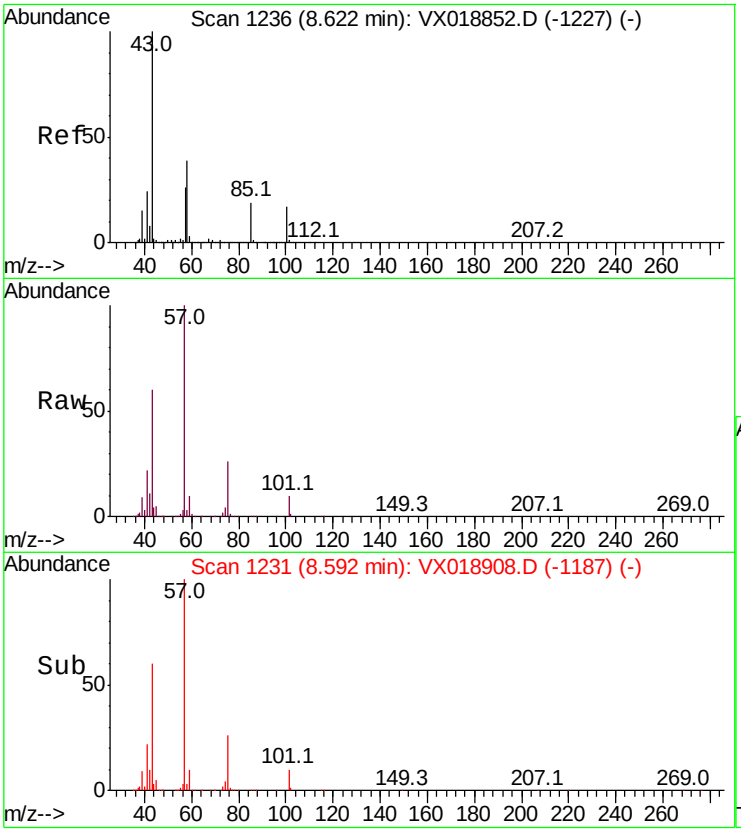


#50
Toluene-d8
Concen: 53.519 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX018908.D
Acq: 12 Oct 2020 17:07

Tgt Ion: 98 Resp: 522172

Ion	Ratio	Lower	Upper
98	100		
100	67.3	53.1	79.7



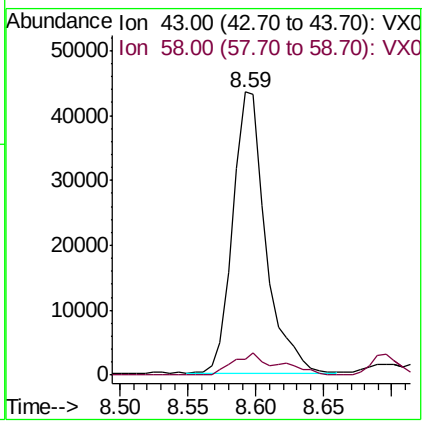


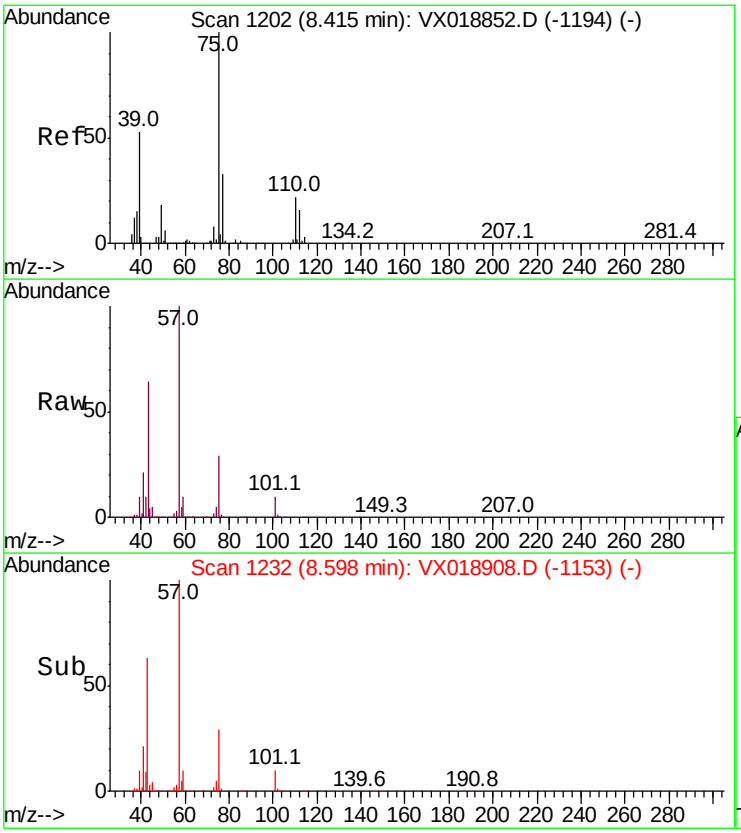
#51
4-Methyl-2-Pentanone
Concen: 18.849 ug/l
RT: 8.59 min Scan# 1231
Delta R.T. -0.03 min
Lab File: VX018908.D
Acq: 12 Oct 2020 17:07

Instrument : MSVOA_X
ClientSampleId : PB132255TB

Tgt Ion: 43 Resp: 73266

Ion	Ratio	Lower	Upper
43	100		
58	10.7	30.9	46.3#

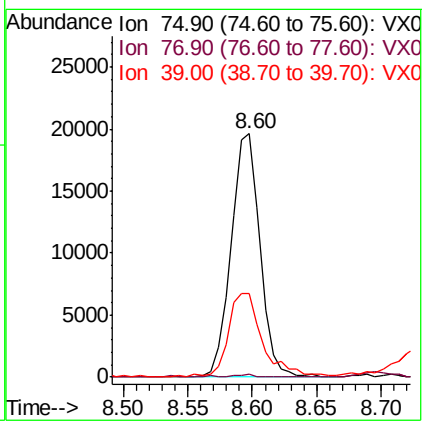


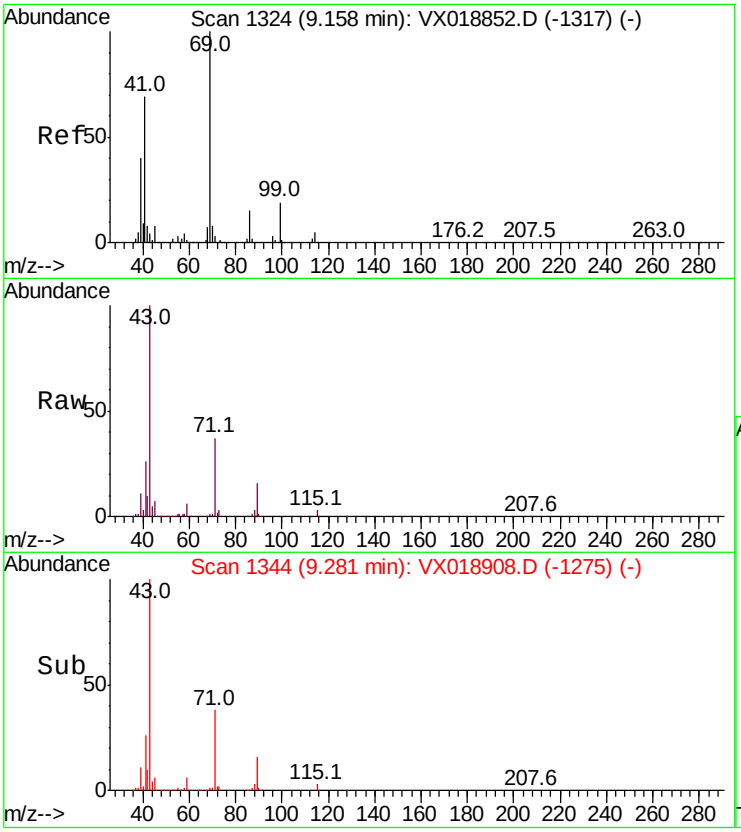


#54
cis-1,3-Dichloropropene
Concen: 6.082 ug/l
RT: 8.60 min Scan# 1232
Delta R.T. 0.18 min
Lab File: VX018908.D
Acq: 12 Oct 2020 17:07

Tgt Ion: 75 Resp: 30604

Ion	Ratio	Lower	Upper
75	100		
77	0.8	26.6	39.8#
39	33.9	42.6	64.0#



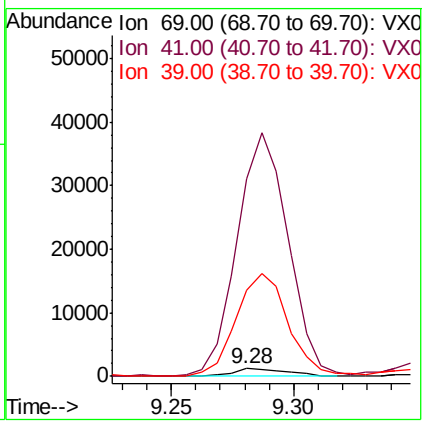


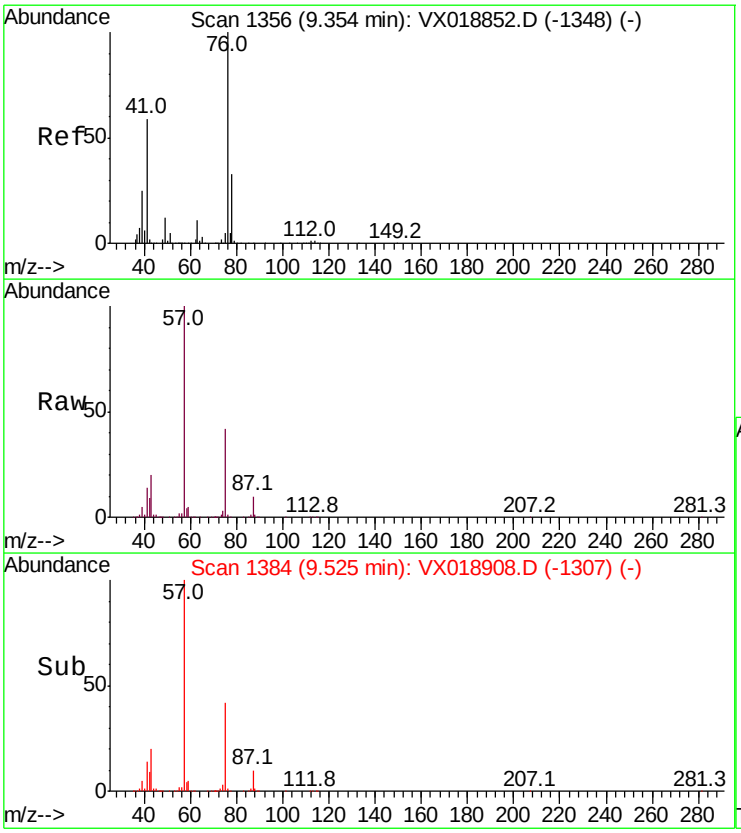
#56
Ethyl methacrylate
Concen: 3.331 ug/l
RT: 9.28 min Scan# 1344
Delta R.T. 0.12 min
Lab File: VX018908.D
Acq: 12 Oct 2020 17:07

Instrument : MSVOA_X
ClientSampleId : PB132255TB

Tgt Ion: 69 Resp: 1889

Ion	Ratio	Lower	Upper
69	100		
41	2911.6	54.6	81.8#
39	1264.5	31.5	47.3#

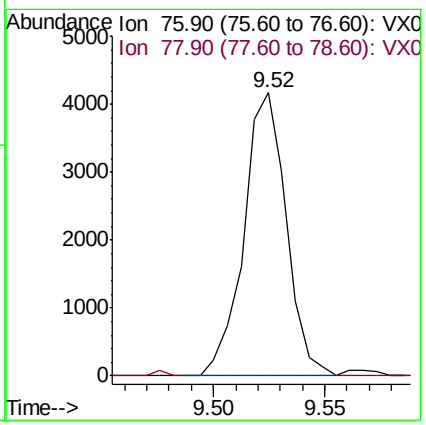


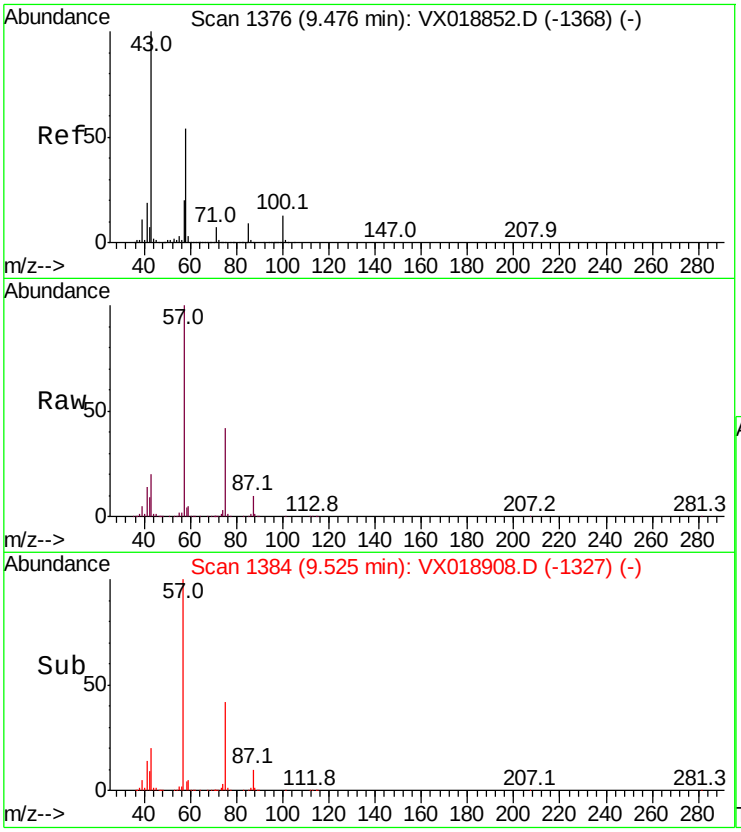


#57
1,3-Dichloropropane
Concen: 1.106 ug/l
RT: 9.52 min Scan# 1384
Delta R.T. 0.17 min
Lab File: VX018908.D
Acq: 12 Oct 2020 17:07

Tgt Ion: 76 Resp: 5513

Ion	Ratio	Lower	Upper
76	100		
78	0.0	26.2	39.2#



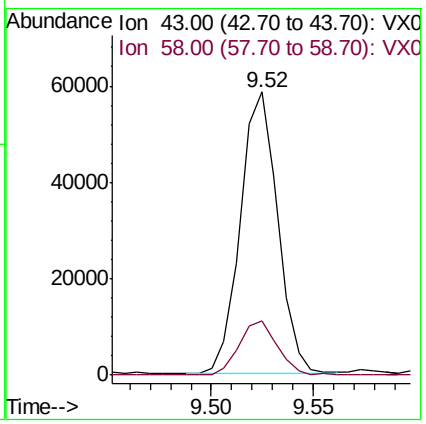


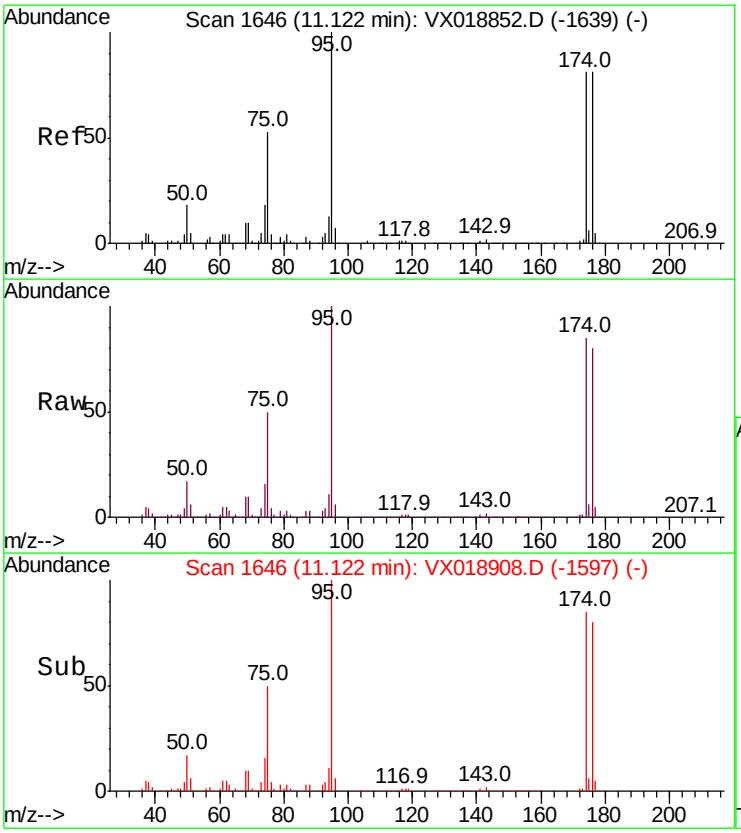
#59
2-Hexanone
Concen: 24.979 ug/l
RT: 9.52 min Scan# 1384
Delta R.T. 0.05 min
Lab File: VX018908.D
Acq: 12 Oct 2020 17:07

Instrument :
MSVOA_X
ClientSampleId :
PB132255TB

Tgt Ion: 43 Resp: 73974

Ion	Ratio	Lower	Upper
43	100		
58	19.9	26.7	80.1#

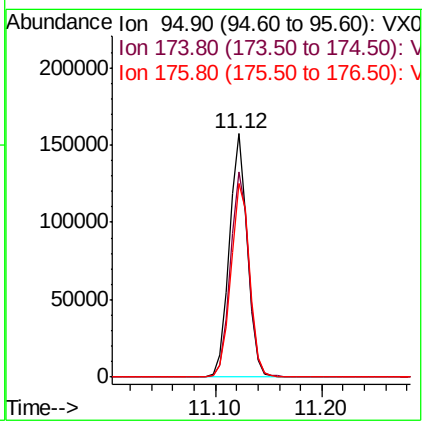


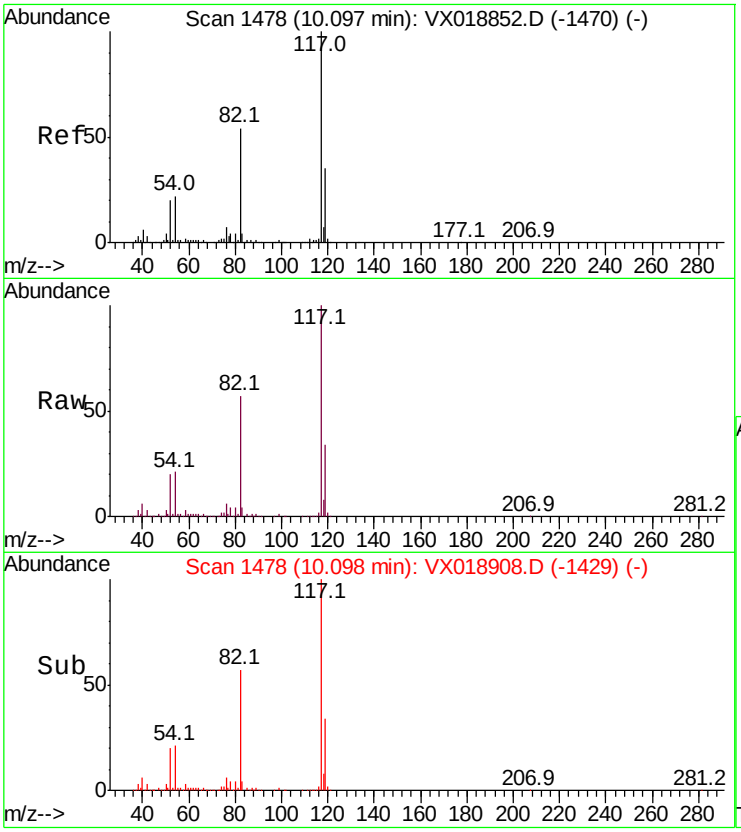


#62
4-Bromofluorobenzene
Concen: 48.053 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX018908.D
Acq: 12 Oct 2020 17:07

Tgt Ion: 95 Resp: 186859

Ion	Ratio	Lower	Upper
95	100		
174	86.9	0.0	160.0
176	82.8	0.0	161.2



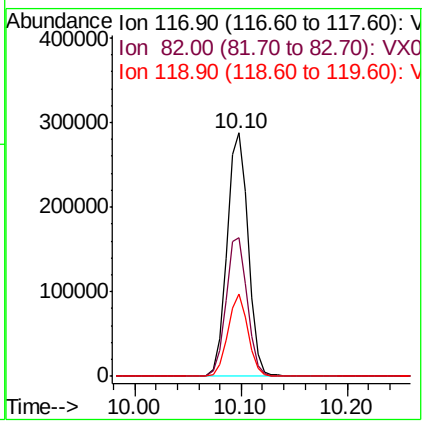


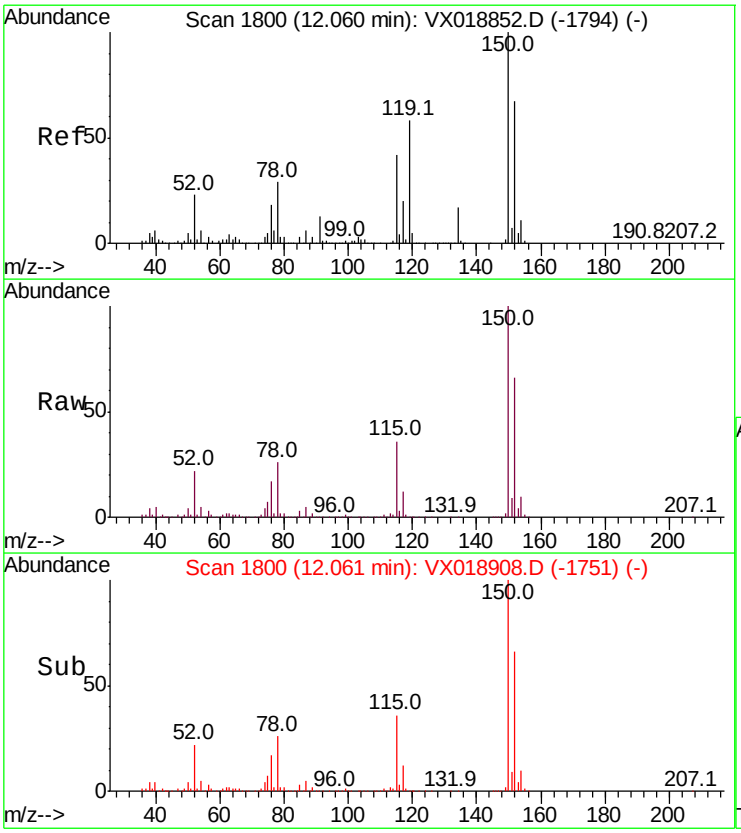
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018908.D
Acq: 12 Oct 2020 17:07

Instrument :
MSVOA_X
ClientSampleId :
PB132255TB

Tgt Ion:117 Resp: 400337

Ion	Ratio	Lower	Upper
117	100		
82	57.0	43.4	65.2
119	34.0	28.3	42.5

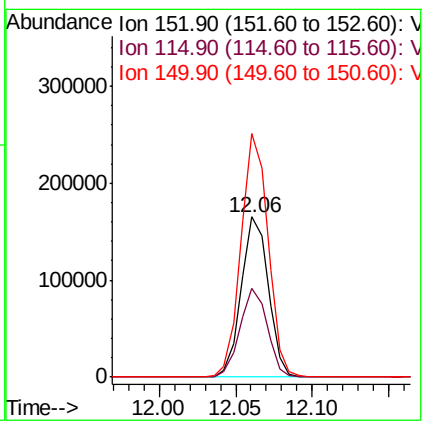


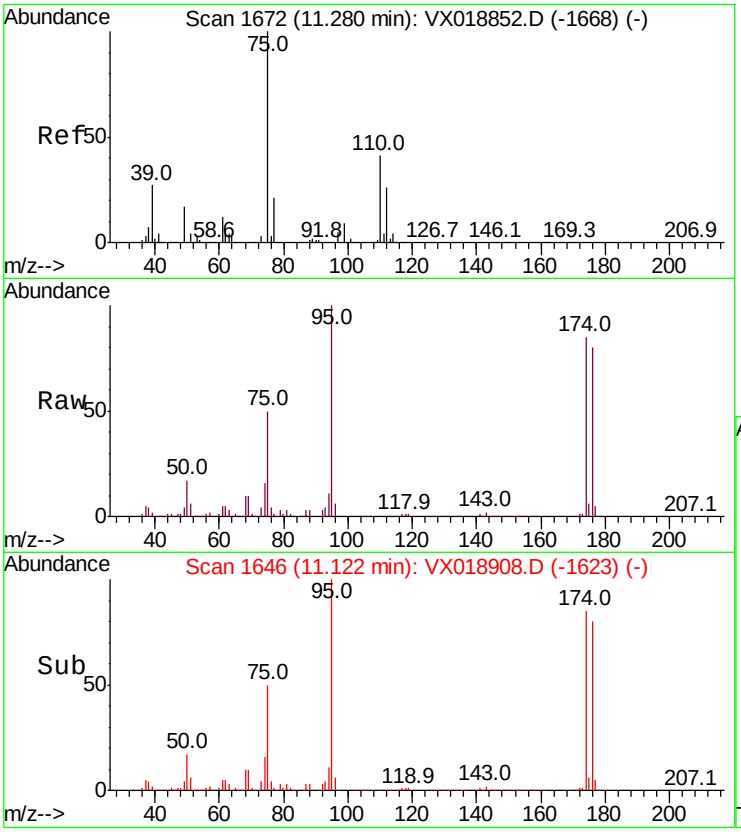


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX018908.D
Acq: 12 Oct 2020 17:07

Tgt Ion:152 Resp: 204149

Ion	Ratio	Lower	Upper
152	100		
115	55.2	41.8	125.4
150	151.7	0.0	347.6



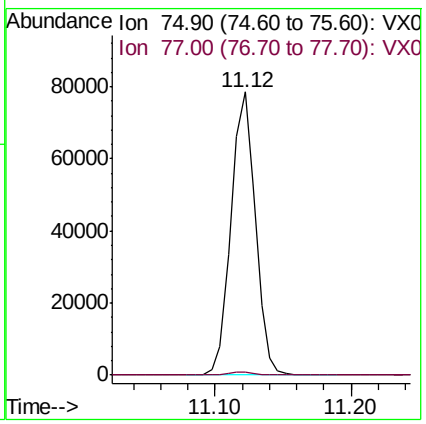


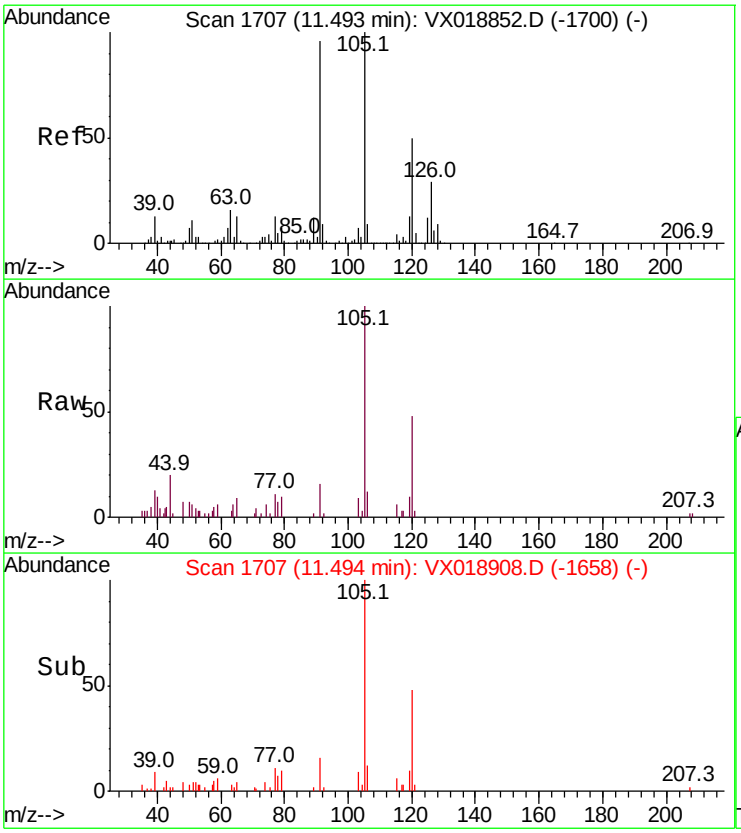
#76
1,2,3-Trichloropropane
Concen: 22.207 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX018908.D
Acq: 12 Oct 2020 17:07

Instrument : MSVOA_X
ClientSampleId : PB132255TB

Tgt Ion: 75 Resp: 97682

Ion	Ratio	Lower	Upper
75	100		
77	1.3	20.2	60.6#

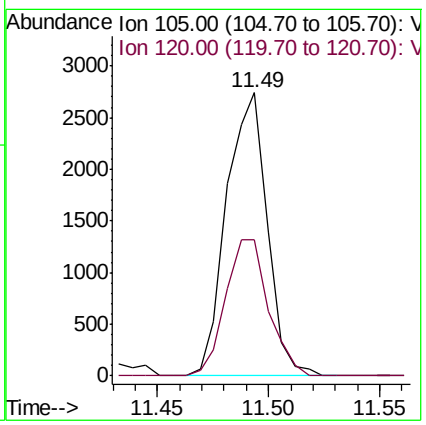


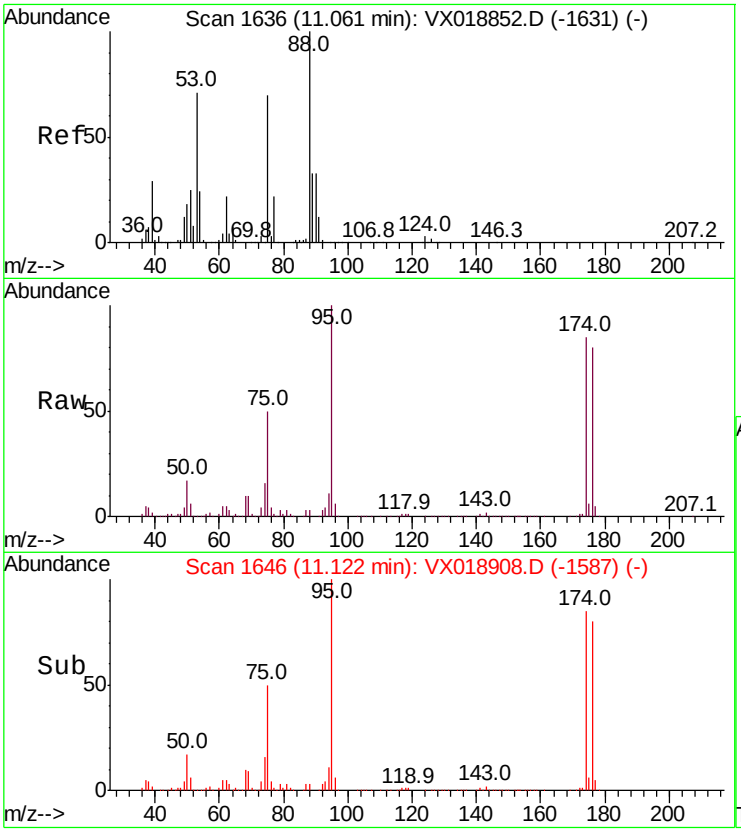


#80
1,3,5-Trimethylbenzene
Concen: 0.305 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX018908.D
Acq: 12 Oct 2020 17:07

Tgt Ion:105 Resp: 3481

Ion	Ratio	Lower	Upper
105	100		
120	51.0	23.9	71.8



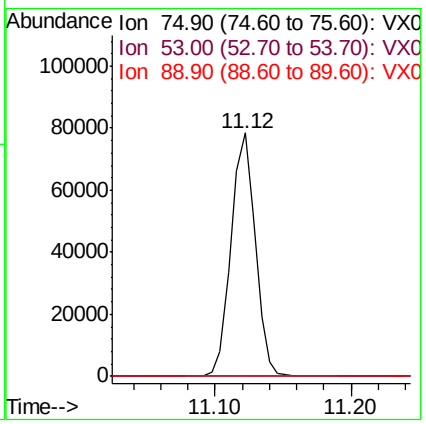


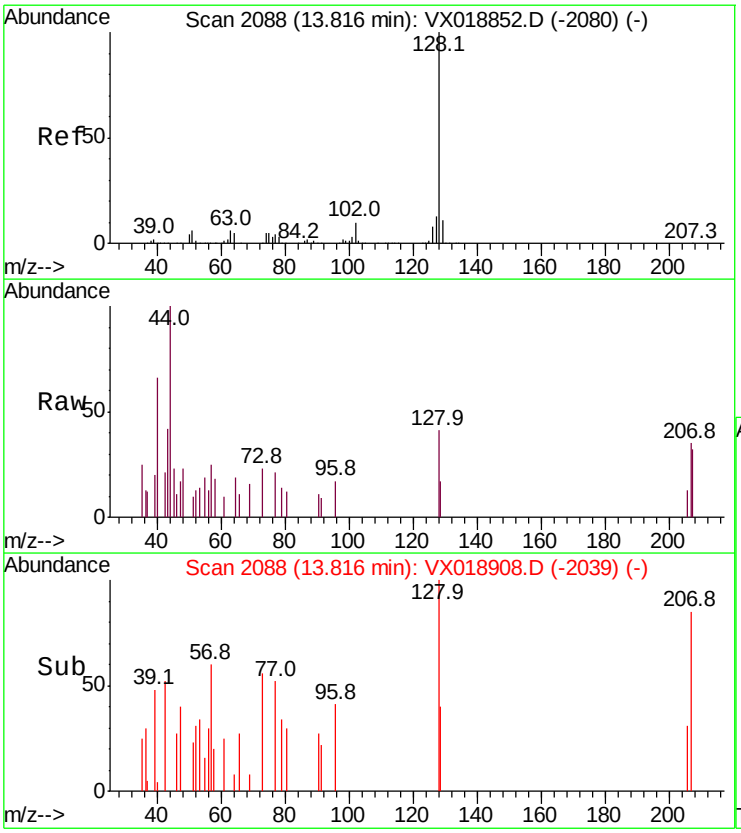
#81
trans-1,4-Dichloro-2-butene
Concen: 62.933 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.06 min
Lab File: VX018908.D
Acq: 12 Oct 2020 17:07

Instrument :
MSVOA_X
ClientSampleId :
PB132255TB

Tgt Ion: 75 Resp: 97682

Ion	Ratio	Lower	Upper
75	100		
53	0.3	85.0	127.4#
89	0.0	39.0	58.4#





#95
Naphthalene
Concen: 3.099 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX018908.D
Acq: 12 Oct 2020 17:07

Tgt Ion:128 Resp: 320

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.1	15.1#
129	0.0	8.6	13.0#