Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101220\
Data File : VX018913.D
Acq On : 12 Oct 2020 19:01
Operator : JC/SP
Sample : PB132255ZHE#05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PB132255ZHE#05

Quant Time: Oct 13 04:09:32 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	5.64	168	247297	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	380939	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	411854	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	198217	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	190870	52.33	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.66%			
35) Dibromofluoromethane	5.46	113	146279	53.88	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.76%			
50) Toluene-d8	8.70	98	501543	53.26	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.52%			
62) 4-Bromofluorobenzene	11.12	95	183421	48.87	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.74%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.36	85	74	1.643	ug/l #	43
3) Chloromethane	1.31	50	572	0.247	ug/l	91
5) Bromomethane	1.65	94	383	0.265	ug/l	96
8) Diethyl Ether	2.22	74	68	1.077	ug/l	98
10) Methyl Iodide	2.50	142	80	4.020	ug/l #	89
11) Tert butyl alcohol	3.00	59	2242	3.903	ug/l #	88
12) 1,1-Dichloroethene	2.37	96	106	0.751	ug/l #	26
13) Acrolein	2.26	56	135	0.282	ug/l #	1
16) Acetone	2.42	43	11795	3.454	ug/l	90
18) Methyl Acetate	2.75	43	2952	0.974	ug/l #	77
20) Methylene Chloride	2.83	84	5800	2.711	ug/l	95
25) 2-Butanone	4.64	43	1366	0.691	ug/l #	52
28) Bromochloromethane	4.98	49	127	1.577	ug/l #	8
29) Tetrahydrofuran	5.11	42	1091	1.029	ug/l #	39
31) Cyclohexane	5.63	56	6104	1.792	ug/l #	20
36) 1,1-Dichloropropene	5.63	75	18862	4.709	ug/l #	52
38) Carbon Tetrachloride	5.64	117	25176	5.071	ug/l #	20
43) Isopropyl Acetate	6.42	43	62769	9.765	ug/l	100
48) Methyl methacrylate	7.85	41	111236	34.105	ug/l #	43
49) 1,4-Dioxane	7.72	88	77	1.684	ug/l #	21
51) 4-Methyl-2-Pentanone	8.59	43	61044	16.271	ug/l #	53
54) cis-1,3-Dichloropropene	8.59	75	27272	5.615	ug/l #	61
56) Ethyl methacrylate	9.06	69	143	2.966	ug/l #	23
57) 1,3-Dichloropropane	9.52	76	5048	1.049	ug/l #	42
59) 2-Hexanone	9.42	43	60449	21.148	ug/l #	25
64) Tetrachloroethene	9.32	164	52	Below Cal	#	1
74) N-amyl acetate	10.80	43	2735	0.533	ug/l #	56
76) 1,2,3-Trichloropropane	11.12	75	95130	22.274	ug/l #	37
80) 1,3,5-Trimethylbenzene	11.49	105	3288	0.296	ug/l	90
81) trans-1,4-Dichloro-2-buten	11.12	75	95130	63.123	ug/l #	8
95) Naphthalene	13.82	128	310	3.098	ug/l #	70

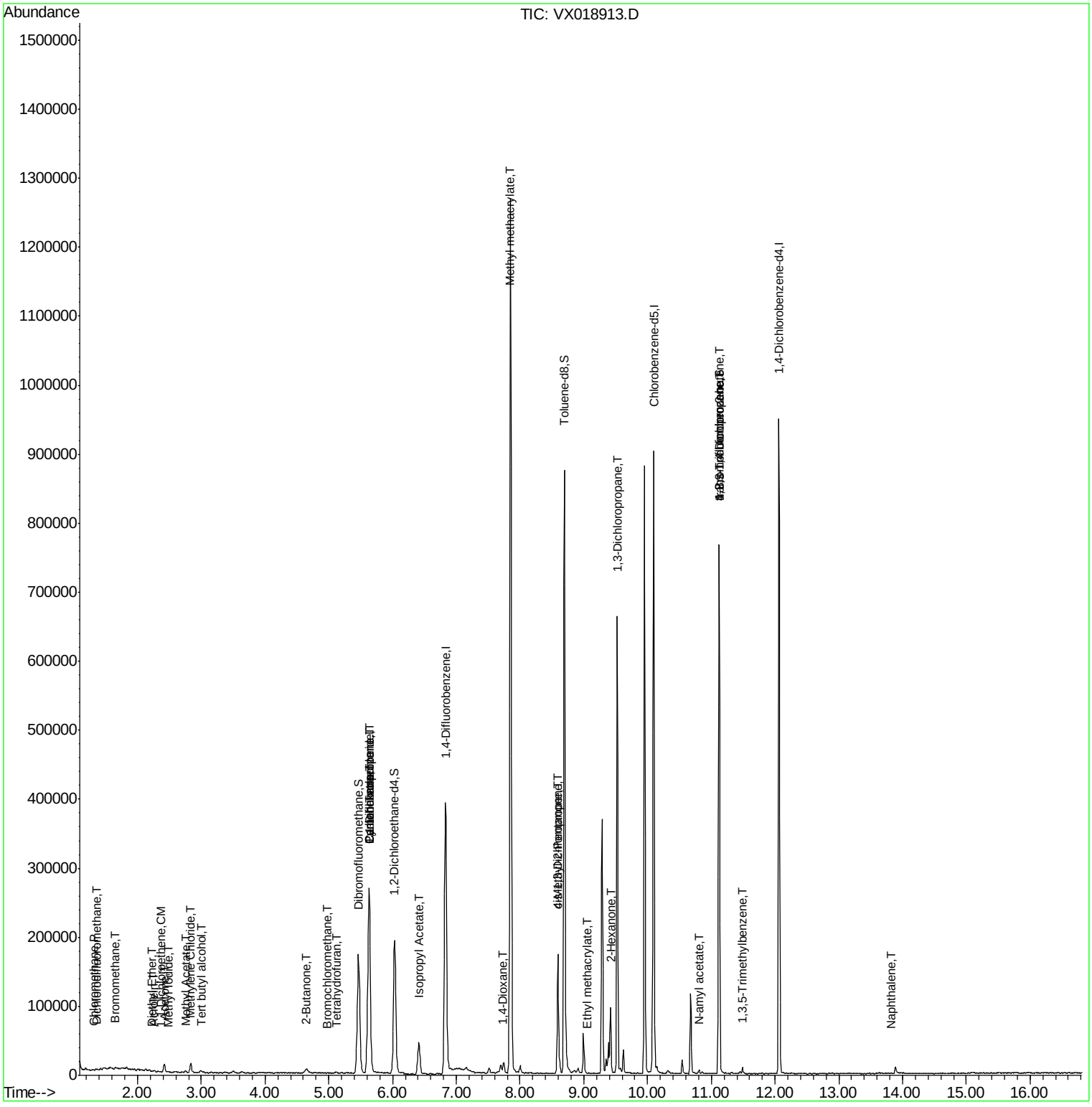
(#) = qualifier out of range (m) = manual integration (+) = signals summed

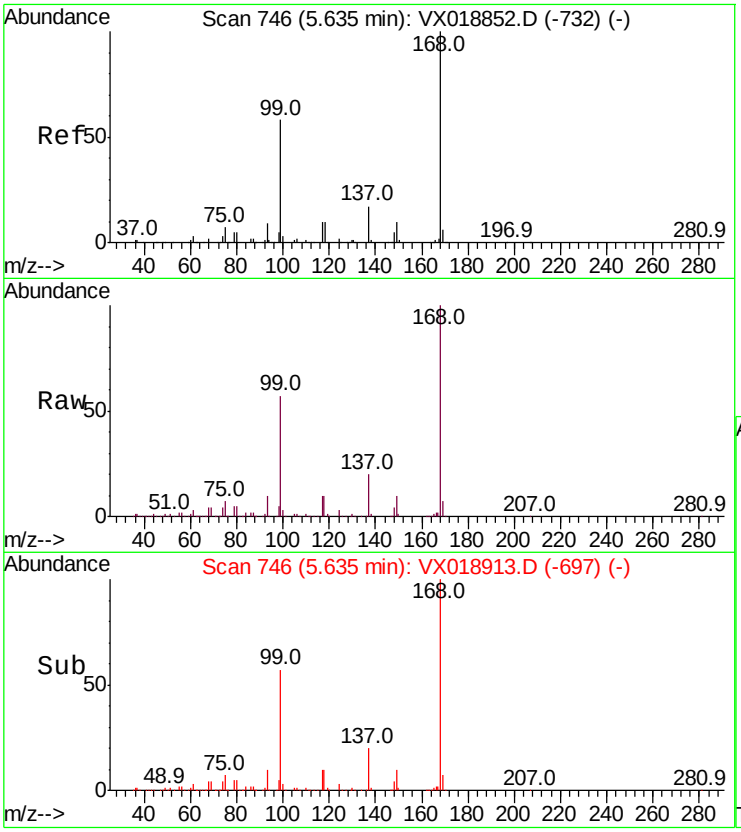
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101220\
Data File : VX018913.D
Acq On : 12 Oct 2020 19:01
Operator : JC/SP
Sample : PB132255ZHE#05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB132255ZHE#05

Quant Time: Oct 13 04:09:32 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



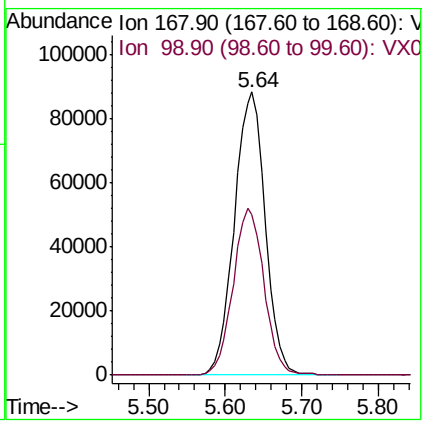


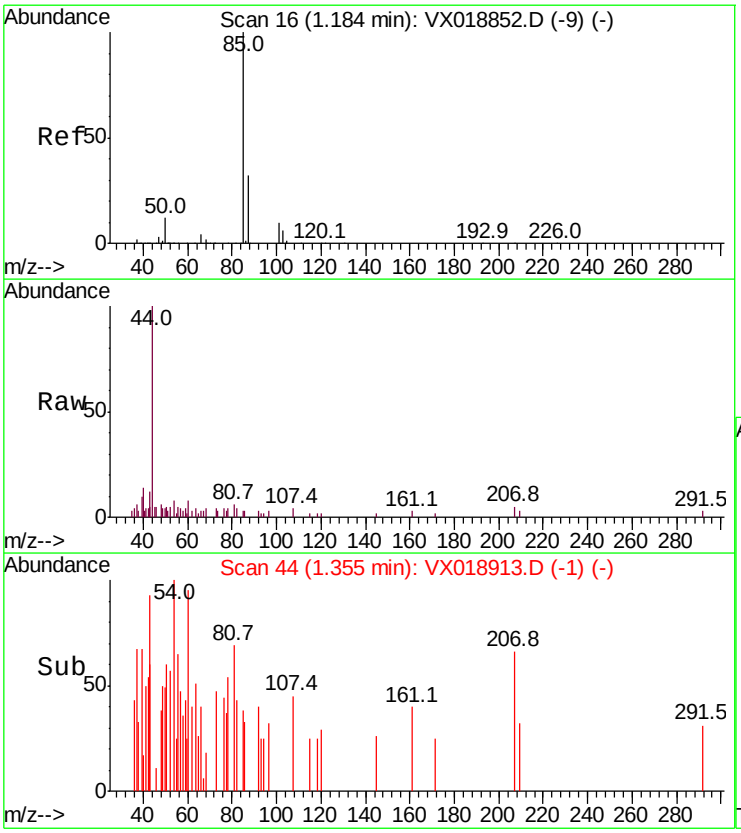
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.64 min Scan# 746
Delta R.T. 0.00 min
Lab File: VX018913.D
Acq: 12 Oct 2020 19:01

Instrument :
MSVOA_X
ClientSampleId :
PB132255ZHE#05

Tgt Ion:168 Resp: 247297

Ion	Ratio	Lower	Upper
168	100		
99	56.6	46.1	69.1

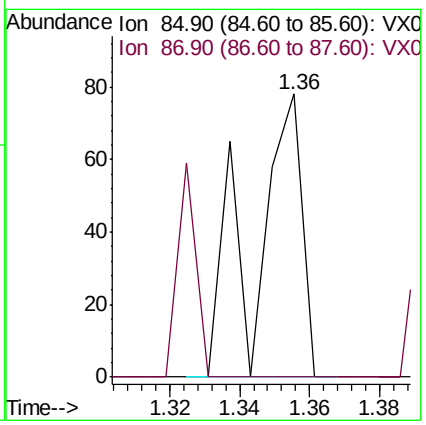


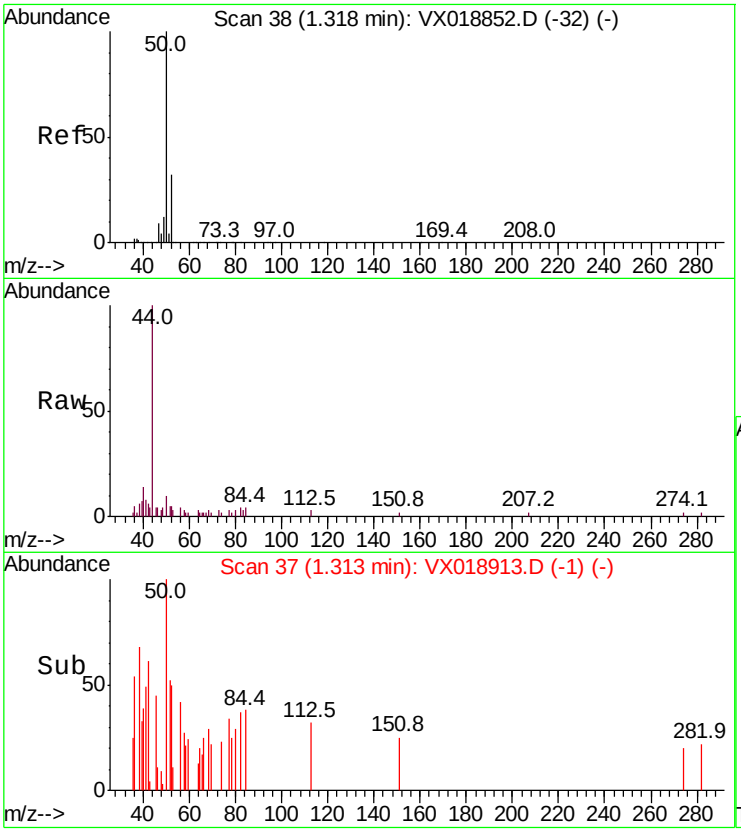


#2
Dichlorodifluoromethane
Concen: 1.643 ug/l
RT: 1.36 min Scan# 44
Delta R.T. 0.17 min
Lab File: VX018913.D
Acq: 12 Oct 2020 19:01

Tgt Ion: 85 Resp: 74

Ion	Ratio	Lower	Upper
85	100		
87	0.0	15.9	47.7#



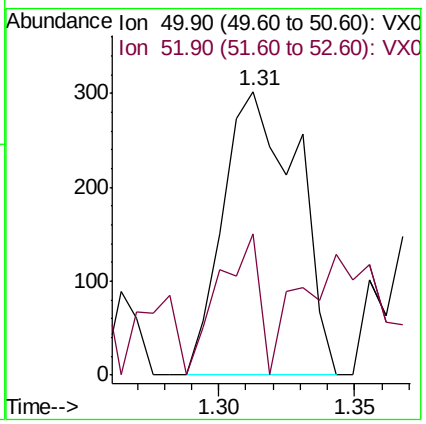


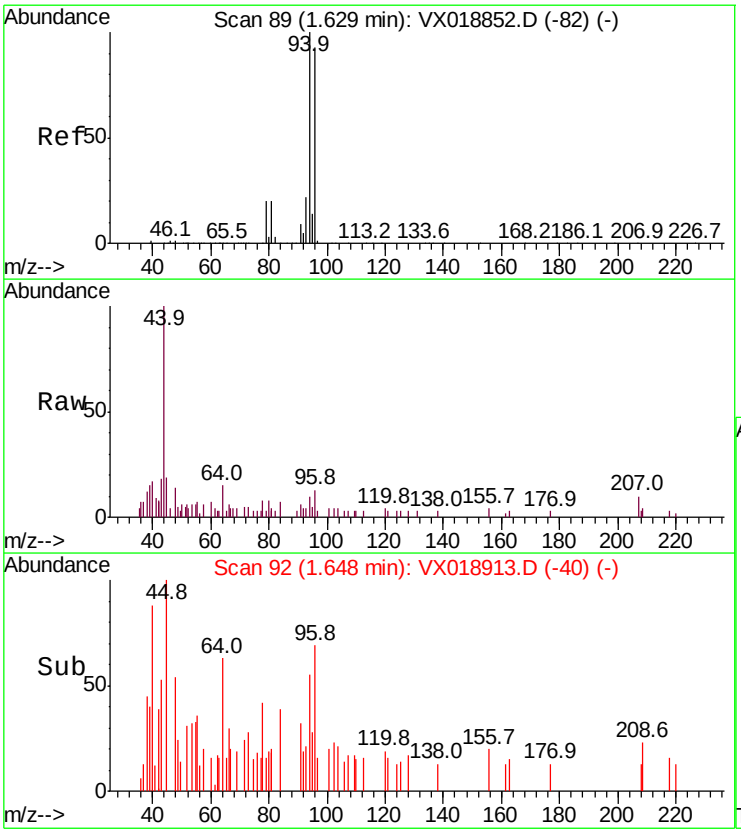
#3
Chloromethane
Concen: 0.247 ug/l
RT: 1.31 min Scan# 37
Delta R.T. -0.01 min
Lab File: VX018913.D
Acq: 12 Oct 2020 19:01

Instrument :
MSVOA_X
ClientSampleId :
PB132255ZHE#05

Tgt Ion: 50 Resp: 572

Ion	Ratio	Lower	Upper
50	100		
52	26.5	25.2	37.8

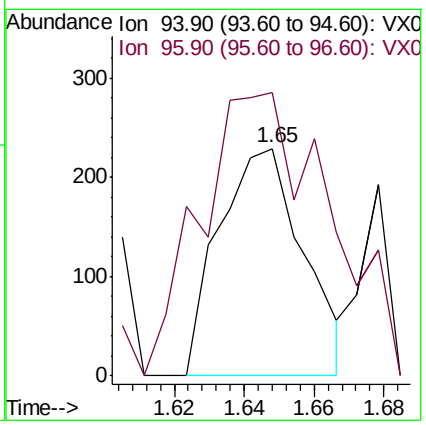


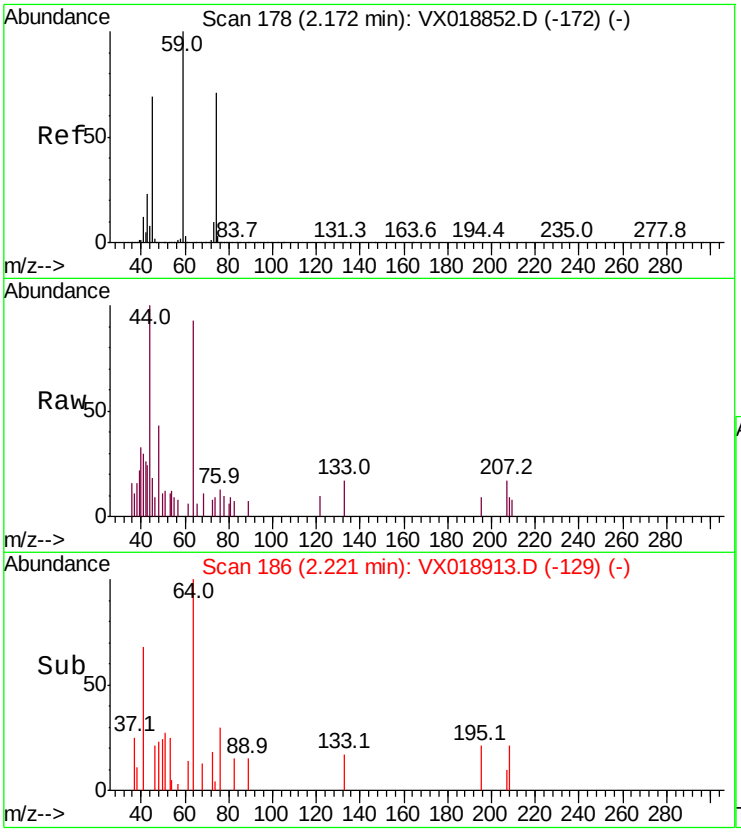


#5
Bromomethane
Concen: 0.265 ug/l
RT: 1.65 min Scan# 92
Delta R.T. 0.02 min
Lab File: VX018913.D
Acq: 12 Oct 2020 19:01

Tgt Ion: 94 Resp: 383

Ion	Ratio	Lower	Upper
94	100		
96	89.5	74.5	111.7



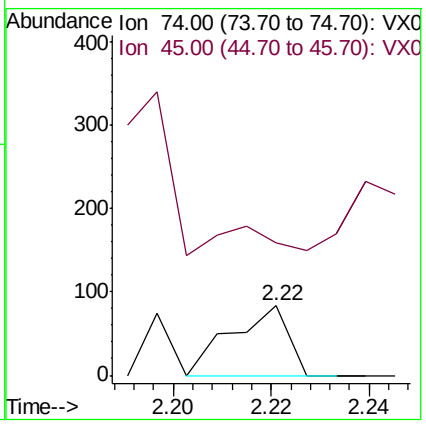


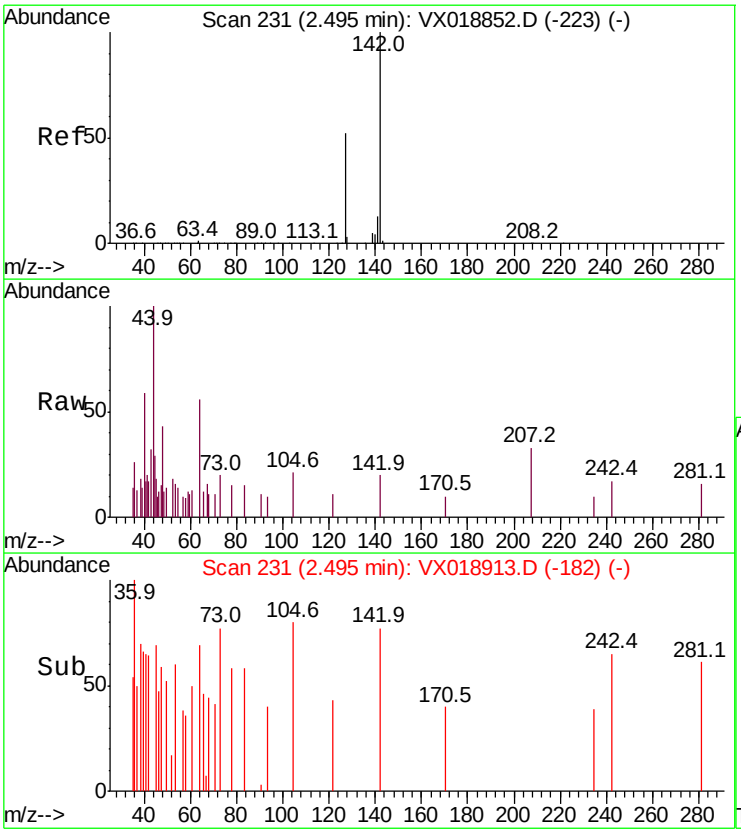
#8
Diethyl Ether
Concen: 1.077 ug/l
RT: 2.22 min Scan# 186
Delta R.T. 0.05 min
Lab File: VX018913.D
Acq: 12 Oct 2020 19:01

Instrument :
MSVOA_X
ClientSampleId :
PB132255ZHE#05

Tgt Ion: 74 Resp: 68

Ion	Ratio	Lower	Upper
74	100		
45	95.6	47.0	141.2

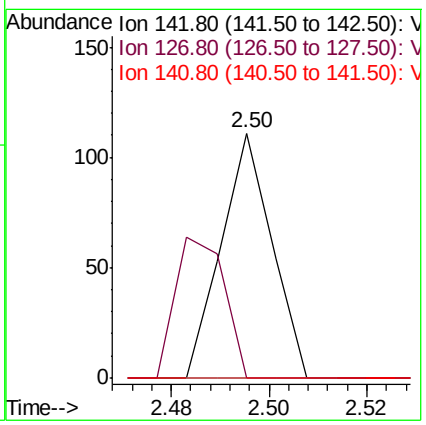


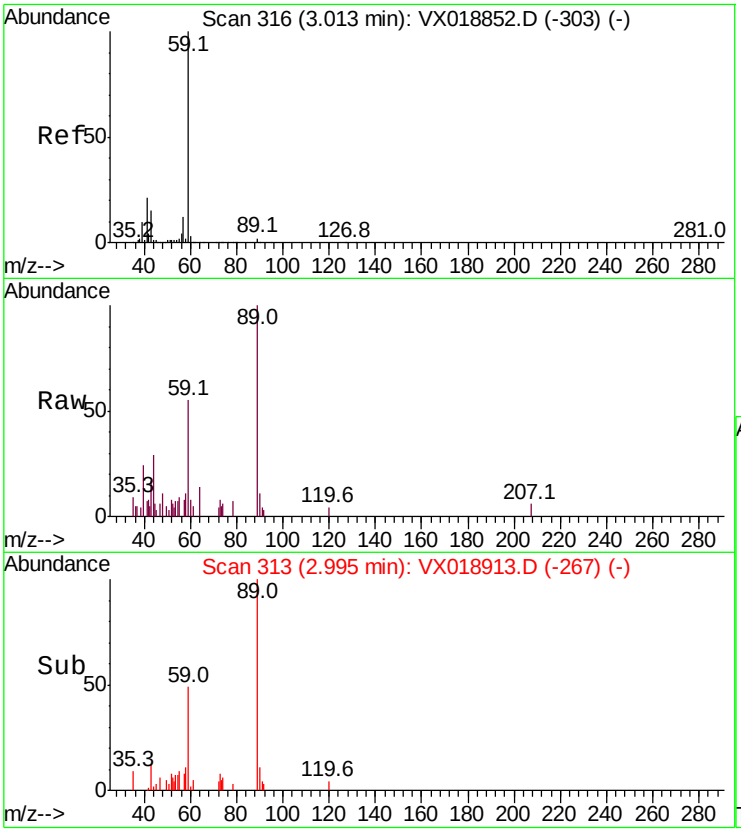


#10
Methyl Iodide
Concen: 4.020 ug/l
RT: 2.50 min Scan# 231
Delta R.T. 0.00 min
Lab File: VX018913.D
Acq: 12 Oct 2020 19:01

Tgt Ion:142 Resp: 80

Ion	Ratio	Lower	Upper
142	100		
127	55.0	42.0	63.0
141	0.0	11.8	17.6#



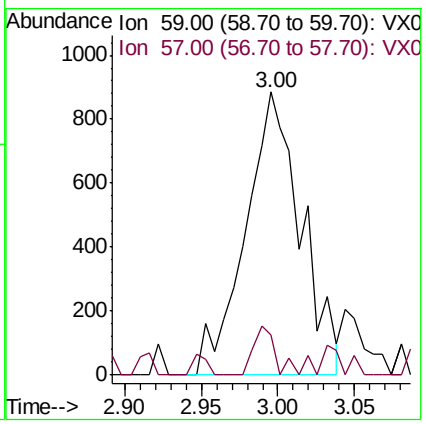


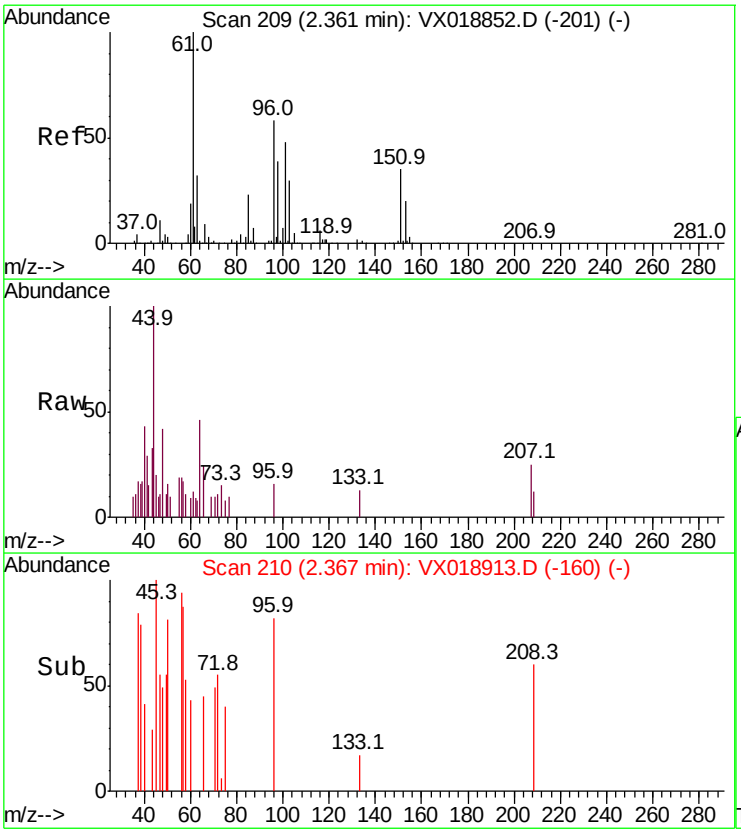
#11
Tert butyl alcohol
Concen: 3.903 ug/l
RT: 3.00 min Scan# 313
Delta R.T. -0.02 min
Lab File: VX018913.D
Acq: 12 Oct 2020 19:01

Instrument :
MSVOA_X
ClientSampleId :
PB132255ZHE#05

Tgt Ion: 59 Resp: 2242

Ion	Ratio	Lower	Upper
59	100		
57	6.6	9.0	13.6#

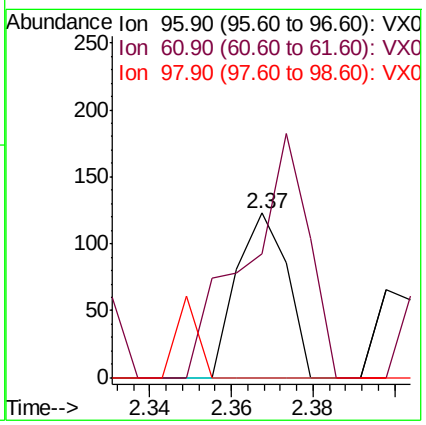


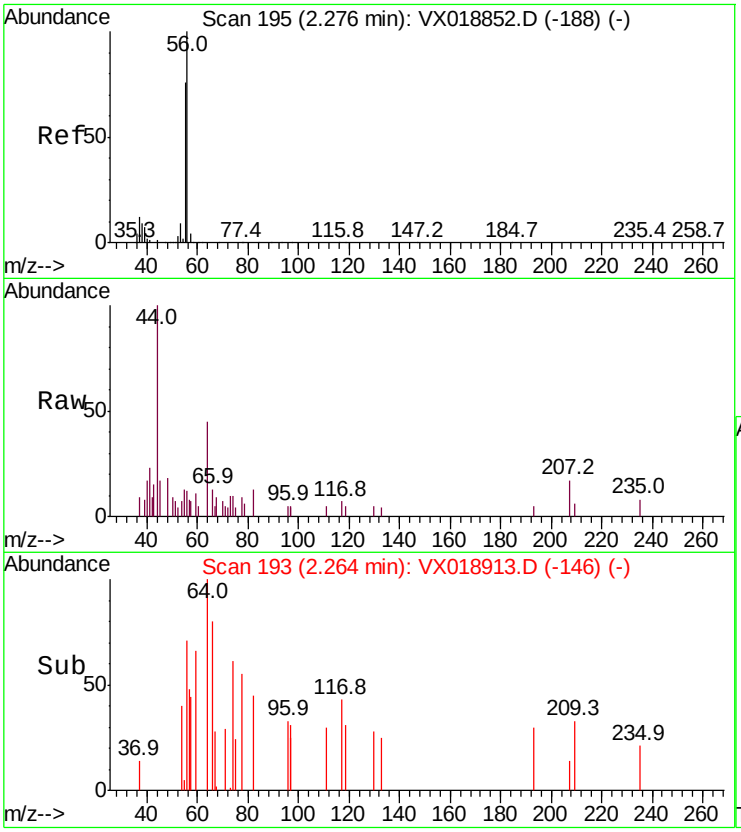


#12
1,1-Dichloroethene
Concen: 0.751 ug/l
RT: 2.37 min Scan# 210
Delta R.T. 0.01 min
Lab File: VX018913.D
Acq: 12 Oct 2020 19:01

Tgt Ion: 96 Resp: 106

Ion	Ratio	Lower	Upper
96	100		
61	75.6	137.0	205.6#
98	0.0	53.9	80.9#

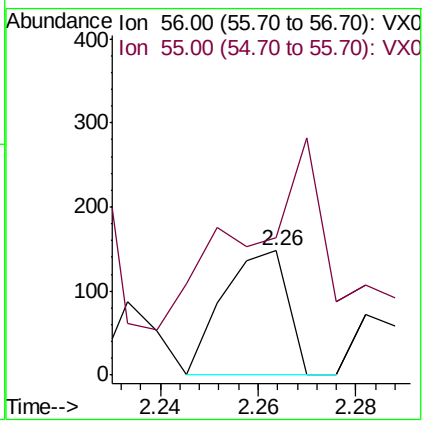




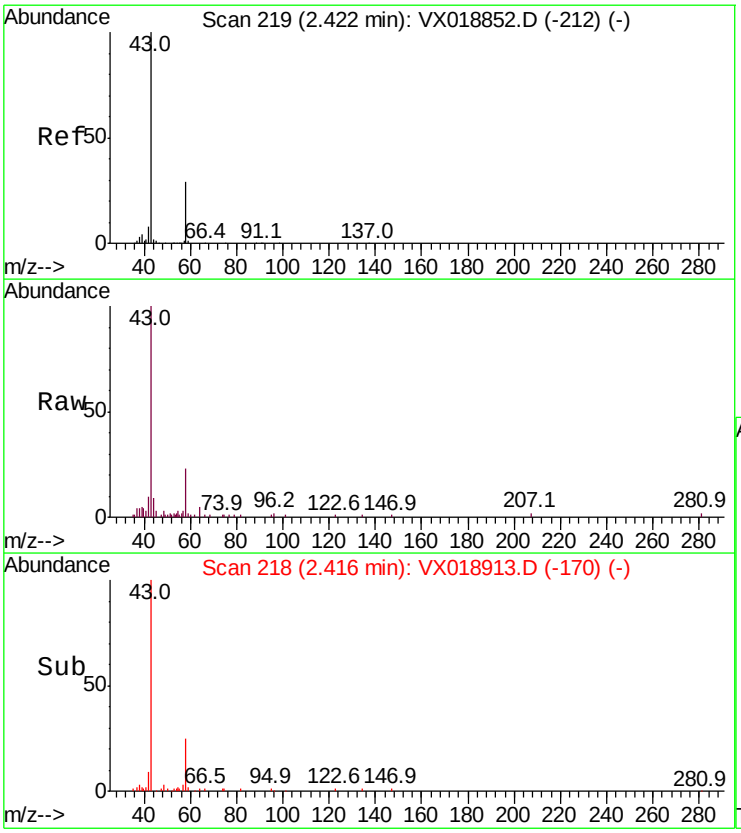
#13
Acrolein
Concen: 0.282 ug/l
RT: 2.26 min Scan# 193
Delta R.T. -0.01 min
Lab File: VX018913.D
Acq: 12 Oct 2020 19:01

Tgt Ion: 56 Resp: 135

Ion	Ratio	Lower	Upper
56	100		
55	371.9	58.6	87.8#



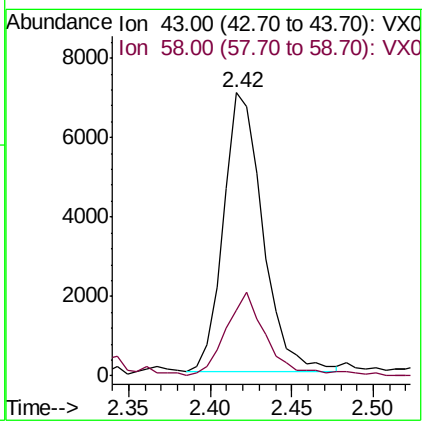
Instrument :
MSVOA_X
ClientSampleId :
PB132255ZHE#05

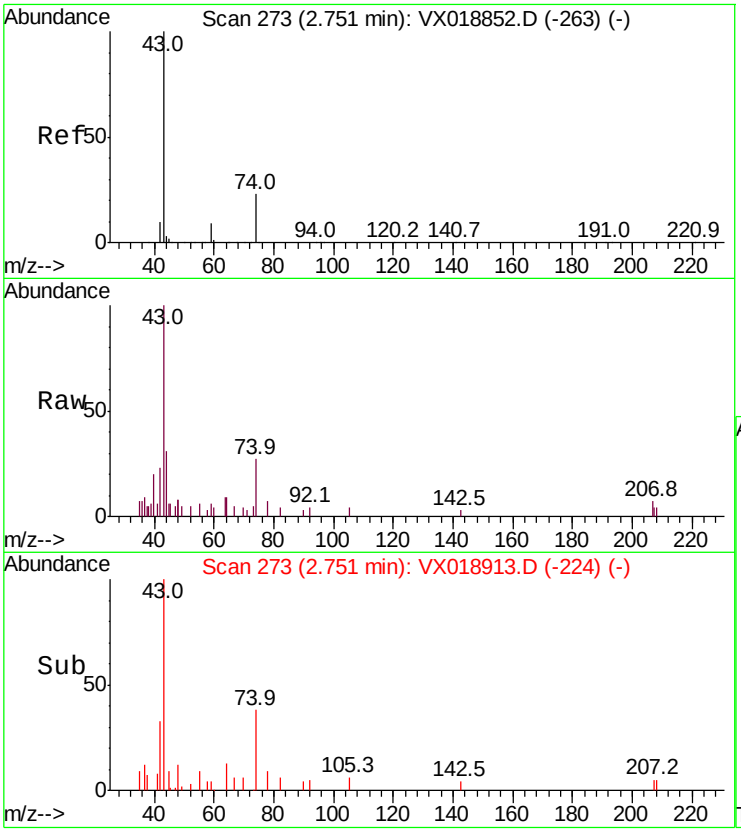


#16
Acetone
Concen: 3.454 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.00 min
Lab File: VX018913.D
Acq: 12 Oct 2020 19:01

Tgt Ion: 43 Resp: 11795

Ion	Ratio	Lower	Upper
43	100		
58	23.5	23.0	34.4



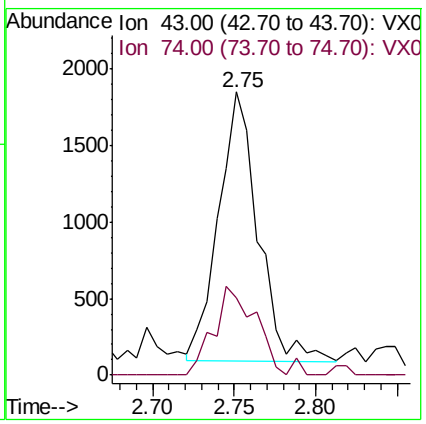


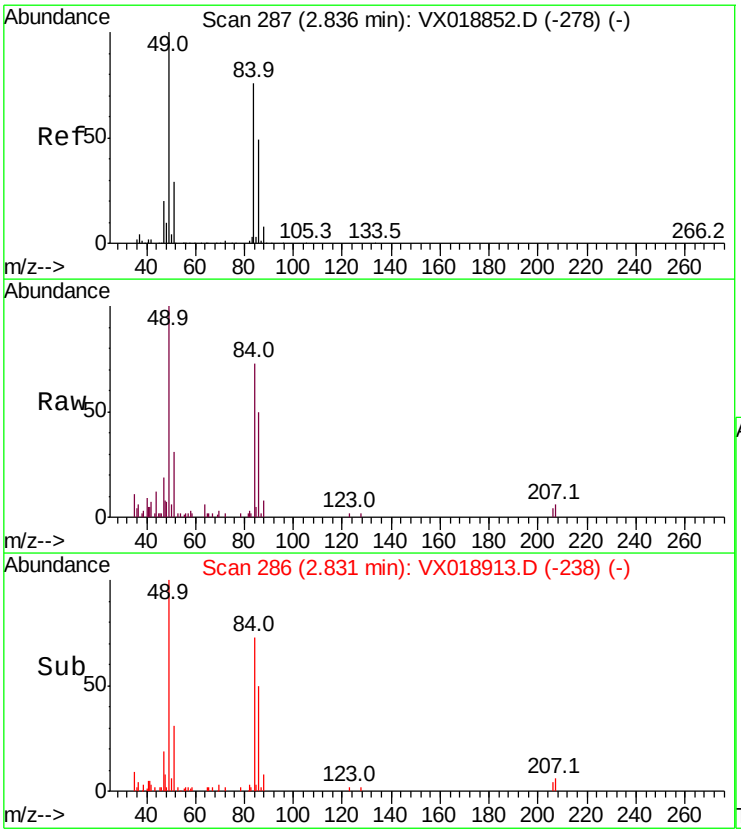
#18
Methyl Acetate
Concen: 0.974 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX018913.D
Acq: 12 Oct 2020 19:01

Instrument : MSVOA_X
ClientSampleId : PB132255ZHE#05

Tgt Ion: 43 Resp: 2952

Ion	Ratio	Lower	Upper
43	100		
74	34.8	18.9	28.3#

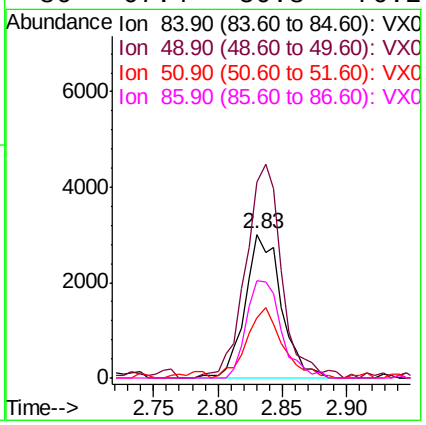


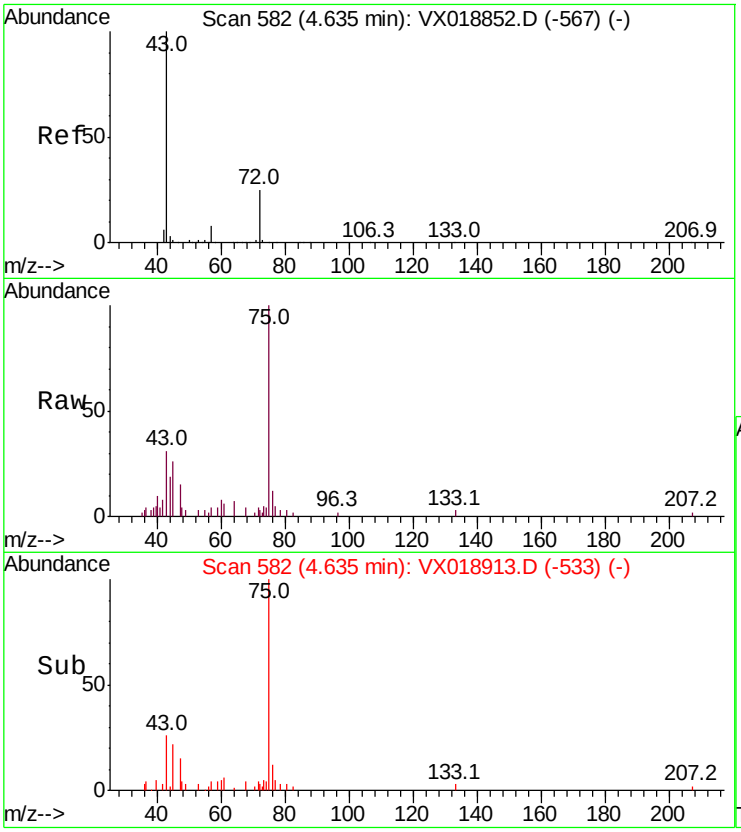


#20
Methylene Chloride
Concen: 2.711 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX018913.D
Acq: 12 Oct 2020 19:01

Tgt Ion: 84 Resp: 5800

Ion	Ratio	Lower	Upper
84	100		
49	136.1	104.8	157.2
51	42.0	30.6	46.0
86	67.4	50.8	76.2



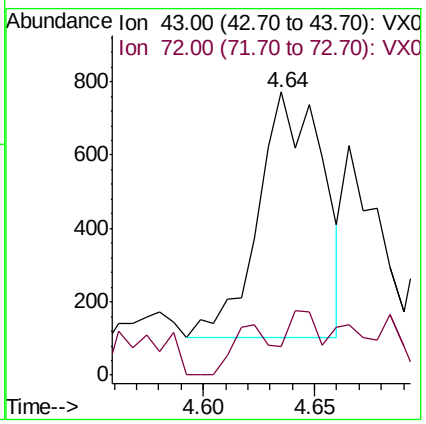


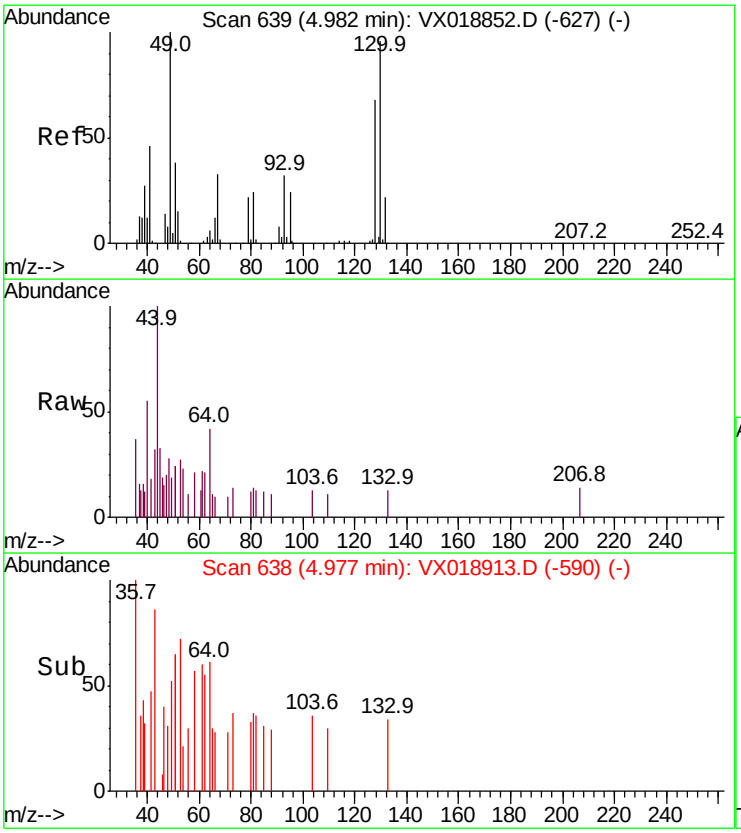
#25
2-Butanone
Concen: 0.691 ug/l
RT: 4.64 min Scan# 582
Delta R.T. 0.00 min
Lab File: VX018913.D
Acq: 12 Oct 2020 19:01

Instrument :
MSVOA_X
ClientSampleId :
PB132255ZHE#05

Tgt Ion: 43 Resp: 1366

Ion	Ratio	Lower	Upper
43	100		
72	1.3	20.2	30.4#

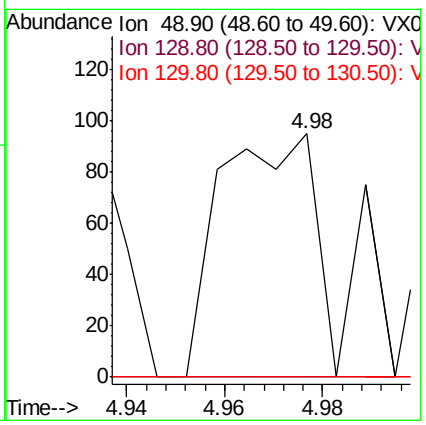


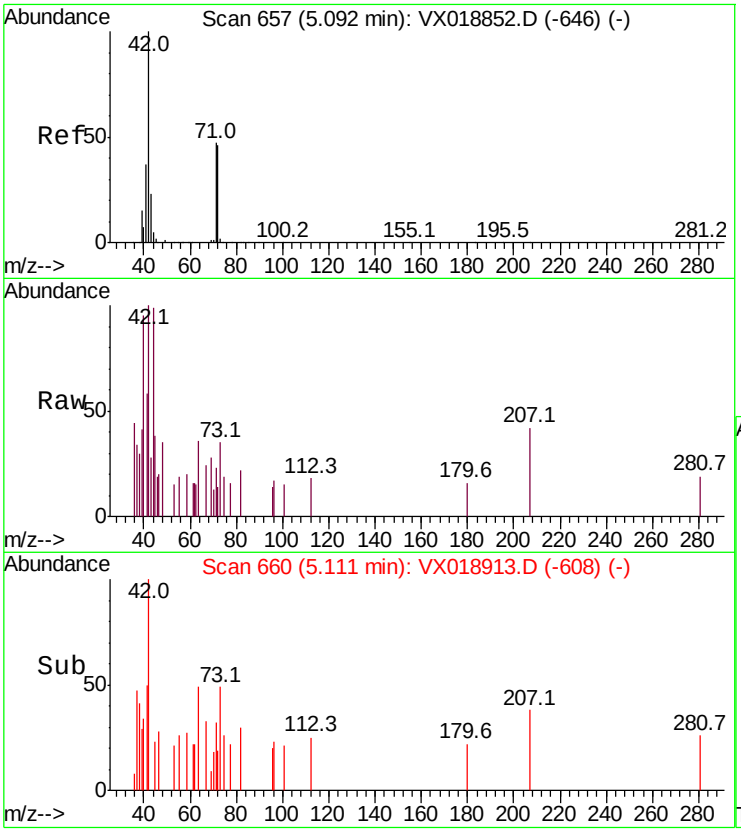


#28
Bromochloromethane
Concen: 1.577 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX018913.D
Acq: 12 Oct 2020 19:01

Tgt Ion: 49 Resp: 127

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



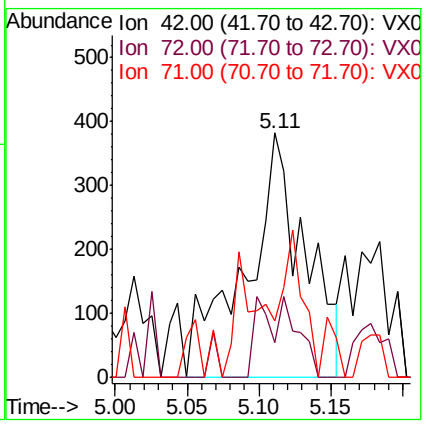


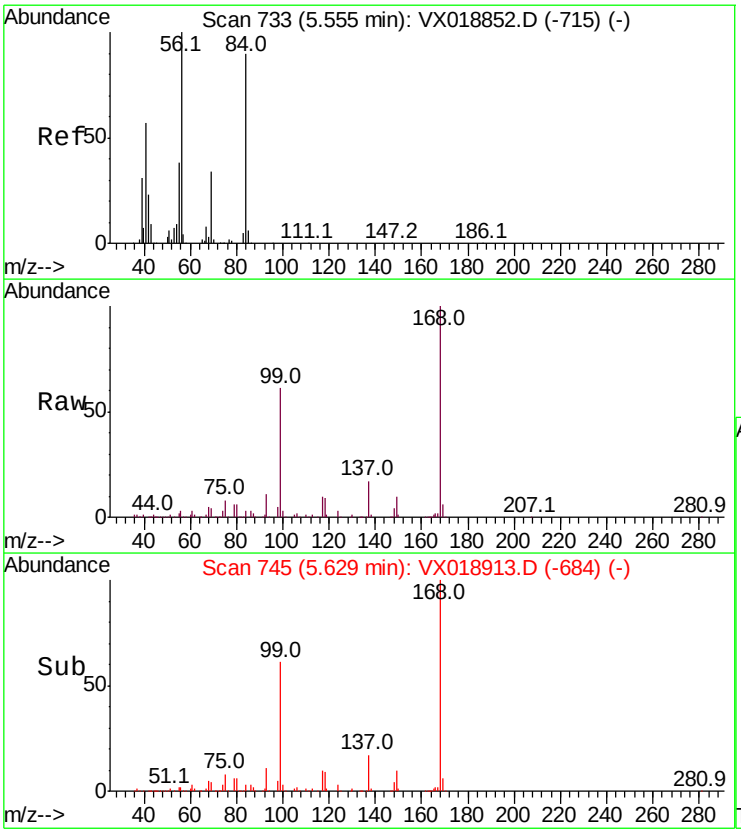
#29
Tetrahydrofuran
Concen: 1.029 ug/l
RT: 5.11 min Scan# 660
Delta R.T. 0.02 min
Lab File: VX018913.D
Acq: 12 Oct 2020 19:01

Instrument : MSVOA_X
ClientSampleId : PB132255ZHE#05

Tgt Ion: 42 Resp: 1091

Ion	Ratio	Lower	Upper
42	100		
72	9.3	36.4	54.6#
71	0.0	35.2	52.8#

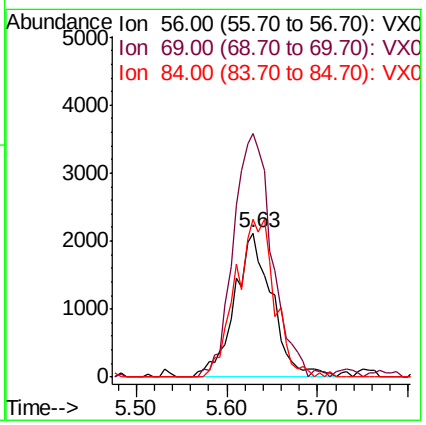


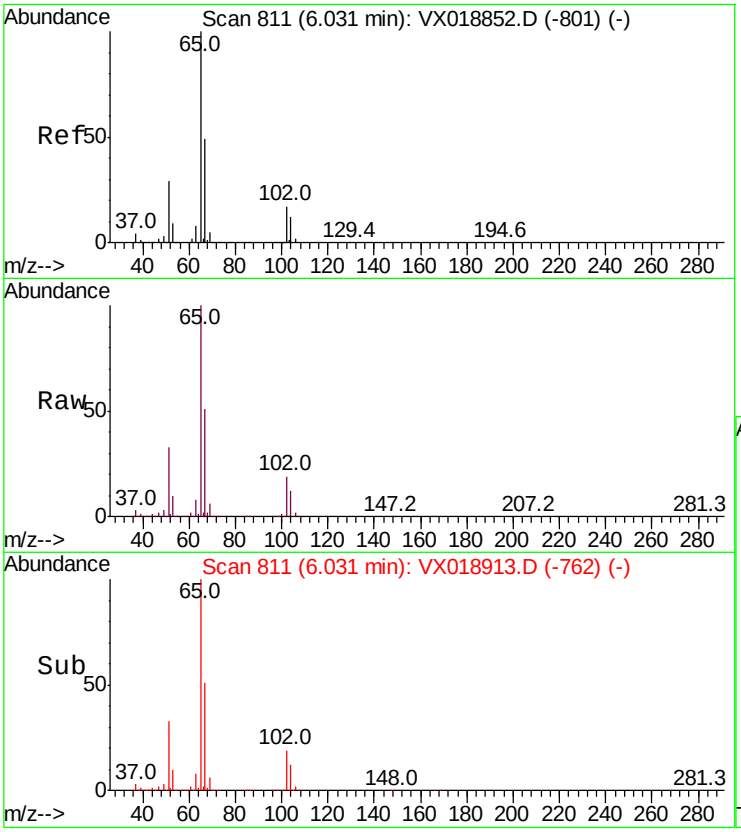


#31
Cyclohexane
Concen: 1.792 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.07 min
Lab File: VX018913.D
Acq: 12 Oct 2020 19:01

Tgt Ion: 56 Resp: 6104

Ion	Ratio	Lower	Upper
56	100		
69	168.7	27.1	40.7#
84	109.0	71.7	107.5#



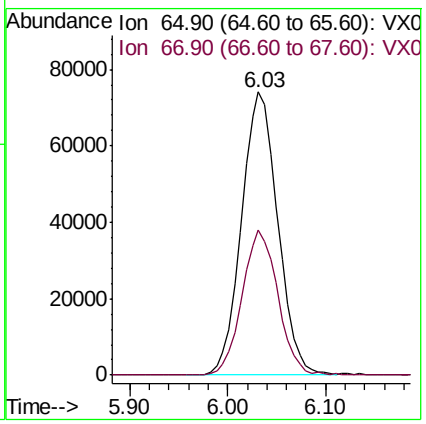


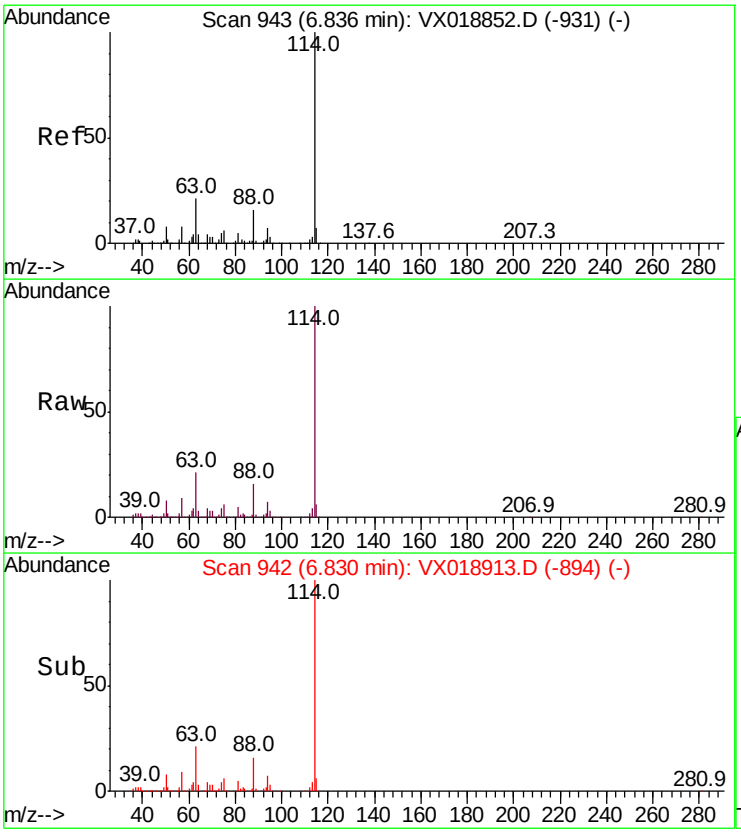
#33
1,2-Dichloroethane-d4
Concen: 52.331 ug/l
RT: 6.03 min Scan# 811
Delta R.T. 0.00 min
Lab File: VX018913.D
Acq: 12 Oct 2020 19:01

Instrument :
MSVOA_X
ClientSampleId :
PB132255ZHE#05

Tgt Ion: 65 Resp: 190870

Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	97.0

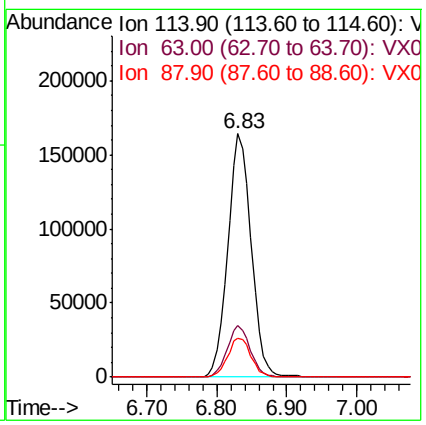


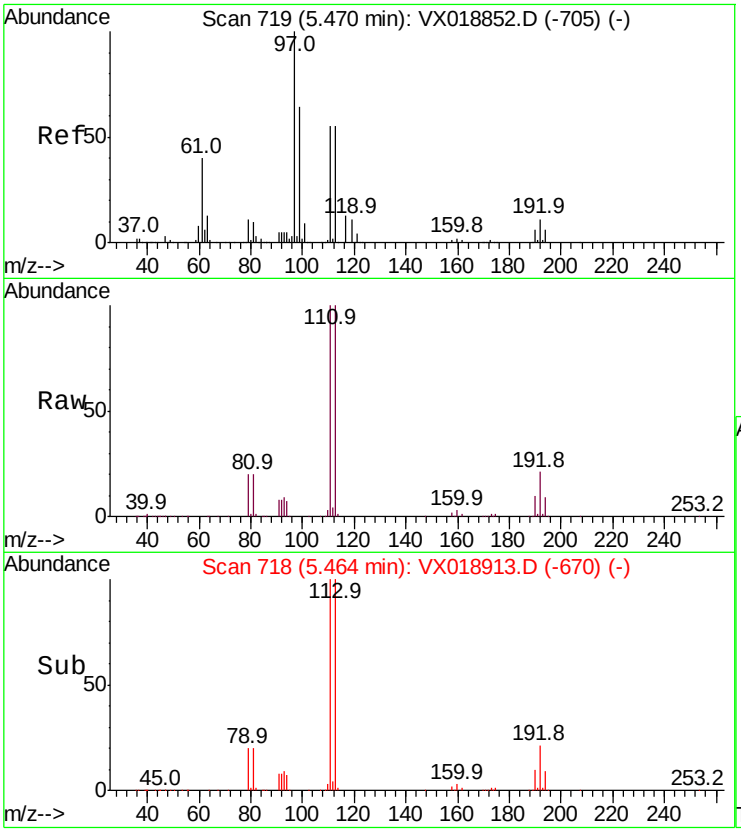


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. -0.01 min
Lab File: VX018913.D
Acq: 12 Oct 2020 19:01

Tgt Ion:114 Resp: 380939

Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	42.4
88	15.9	0.0	32.6



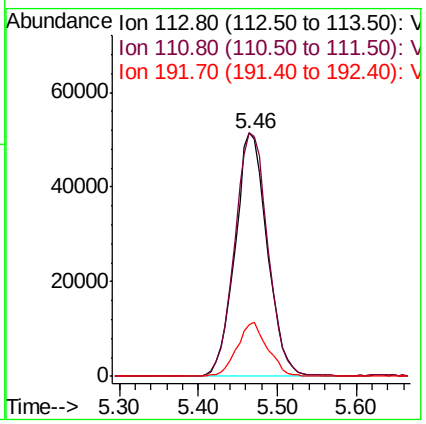


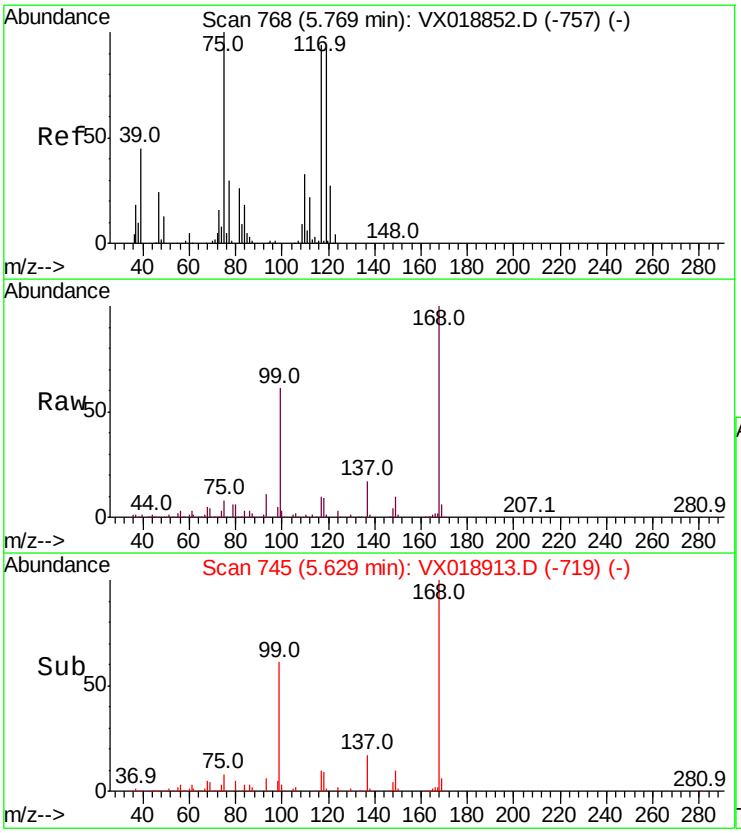
#35
Dibromofluoromethane
Concen: 53.882 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX018913.D
Acq: 12 Oct 2020 19:01

Instrument :
MSVOA_X
ClientSampleId :
PB132255ZHE#05

Tgt Ion:113 Resp: 146279

Ion	Ratio	Lower	Upper
113	100		
111	103.0	80.1	120.1
192	21.2	16.0	24.0

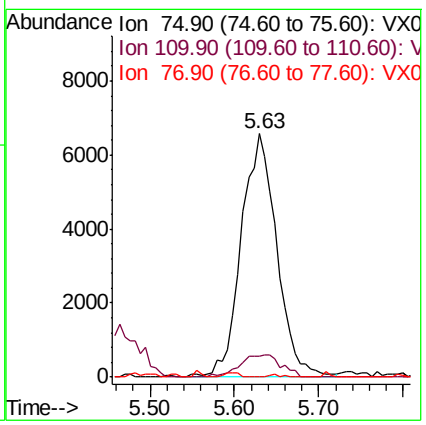


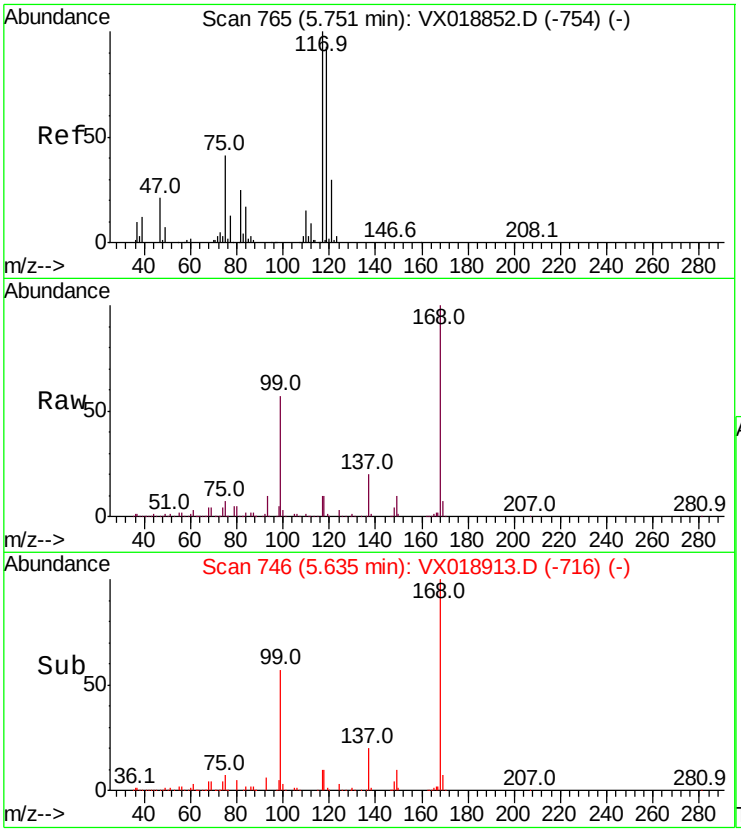


#36
1,1-Dichloropropene
Concen: 4.709 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.14 min
Lab File: VX018913.D
Acq: 12 Oct 2020 19:01

Tgt Ion: 75 Resp: 18862

Ion	Ratio	Lower	Upper
75	100		
110	10.6	17.8	53.5#
77	0.4	24.2	36.4#



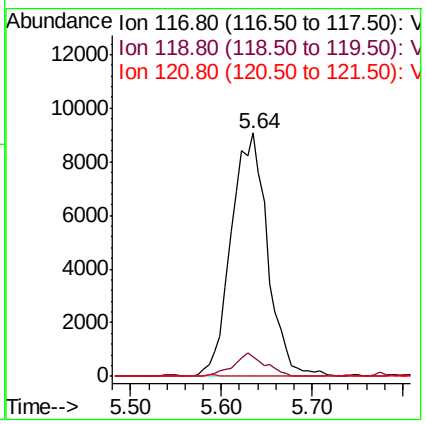


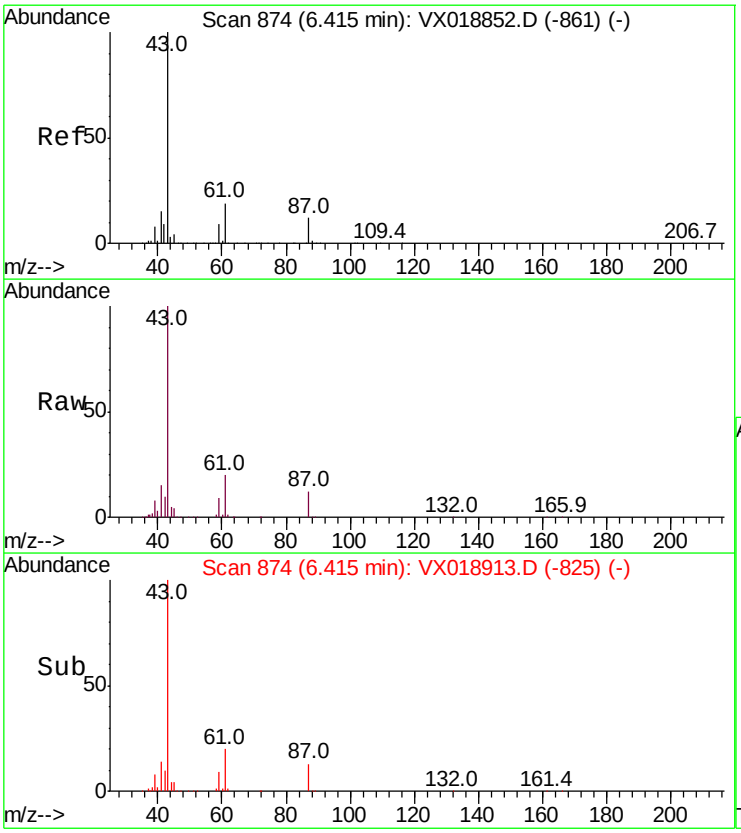
#38
Carbon Tetrachloride
Concen: 5.071 ug/l
RT: 5.64 min Scan# 746
Delta R.T. -0.12 min
Lab File: VX018913.D
Acq: 12 Oct 2020 19:01

Instrument :
MSVOA_X
ClientSampleId :
PB132255ZHE#05

Tgt Ion:117 Resp: 25176

Ion	Ratio	Lower	Upper
117	100		
119	7.8	73.9	110.9#
121	0.0	23.6	35.4#

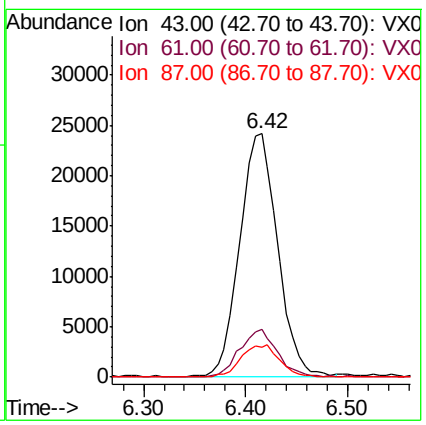


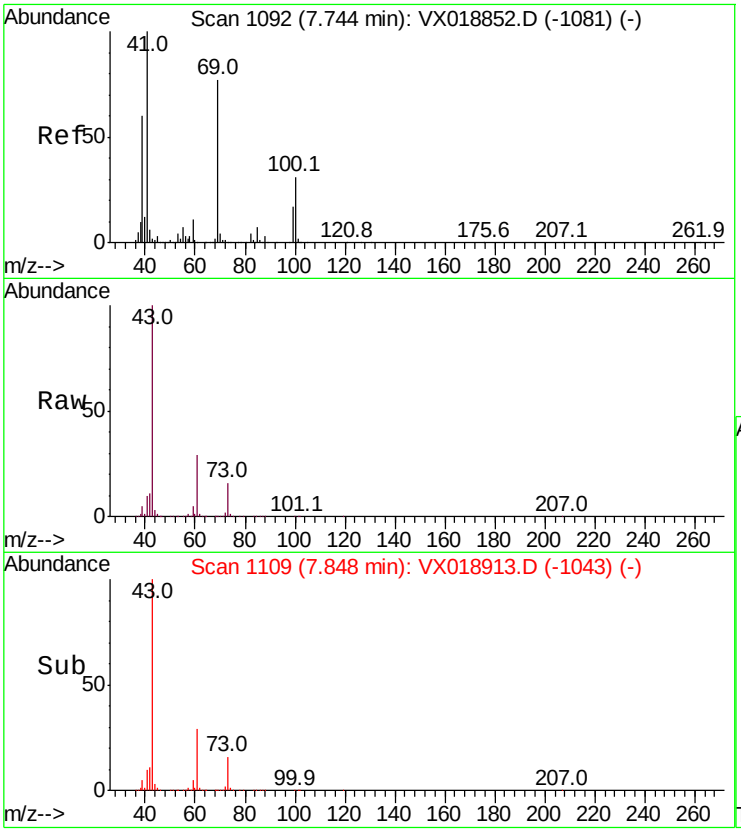


#43
Isopropyl Acetate
Concen: 9.765 ug/l
RT: 6.42 min Scan# 874
Delta R.T. 0.00 min
Lab File: VX018913.D
Acq: 12 Oct 2020 19:01

Tgt Ion: 43 Resp: 62769

Ion	Ratio	Lower	Upper
43	100		
61	19.4	15.5	23.3
87	13.4	10.8	16.2



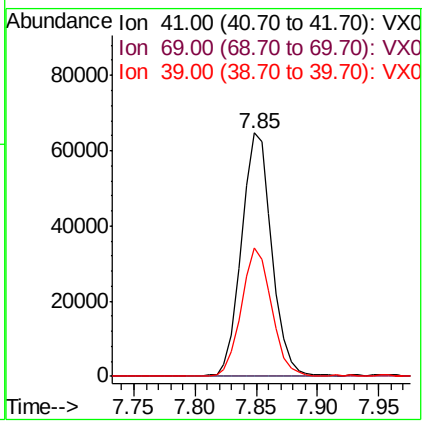


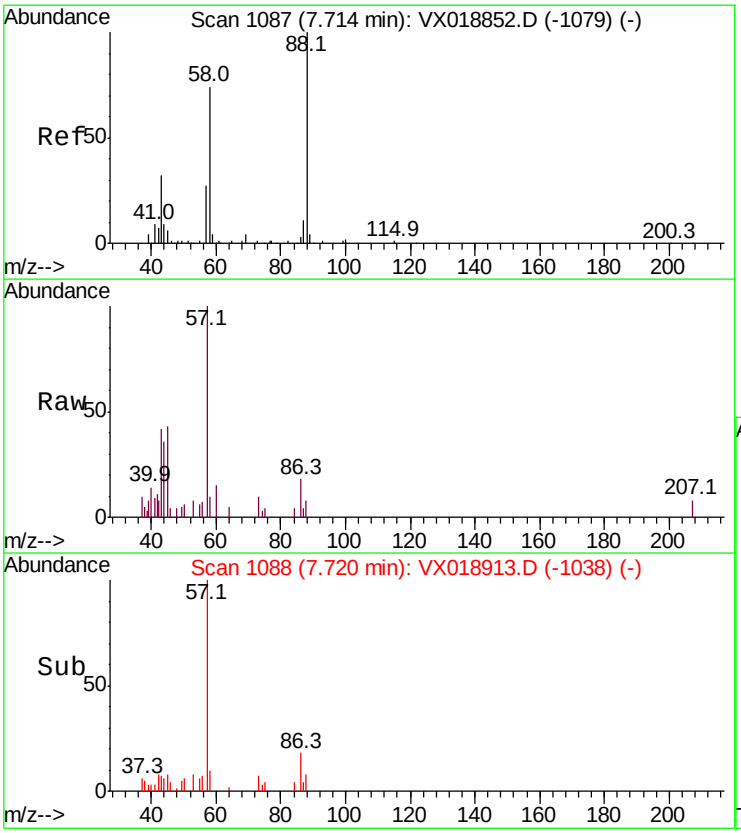
#48
Methyl methacrylate
Concen: 34.105 ug/l
RT: 7.85 min Scan# 1109
Delta R.T. 0.10 min
Lab File: VX018913.D
Acq: 12 Oct 2020 19:01

Instrument : MSVOA_X
ClientSampleId : PB132255ZHE#05

Tgt Ion: 41 Resp: 111236

Ion	Ratio	Lower	Upper
41	100		
69	0.3	64.6	97.0#
39	52.3	48.6	73.0

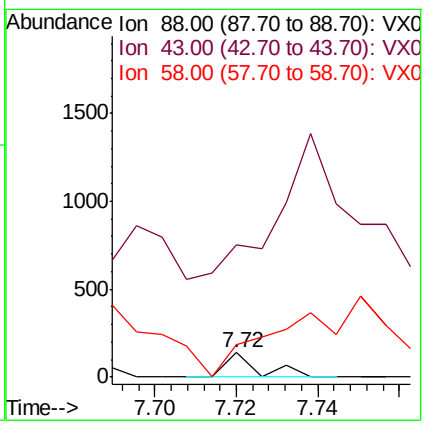


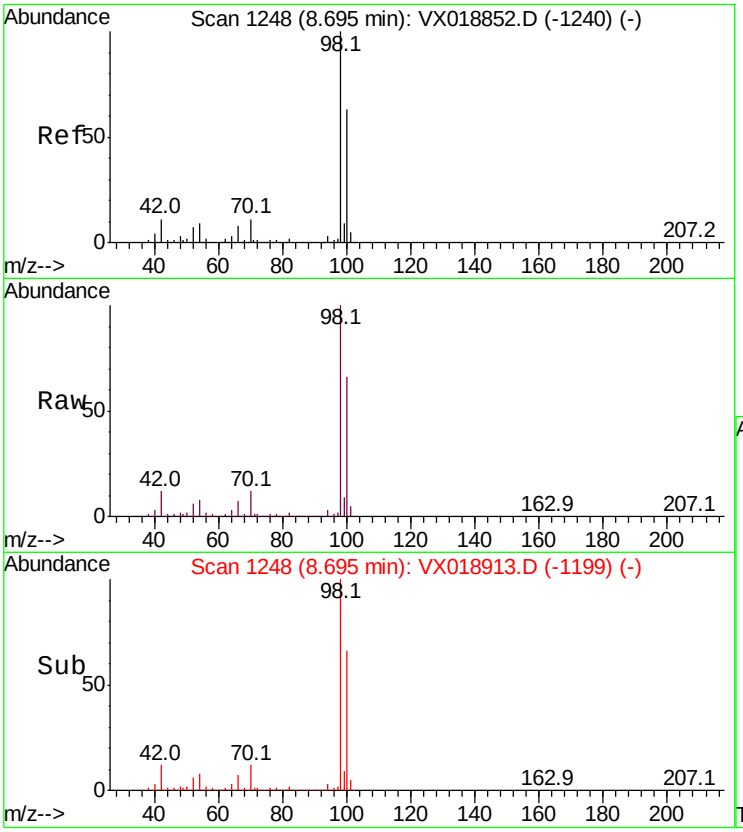


#49
1,4-Dioxane
Concen: 1.684 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX018913.D
Acq: 12 Oct 2020 19:01

Tgt Ion: 88 Resp: 77

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



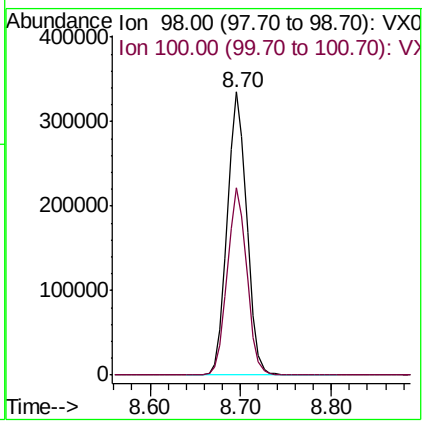


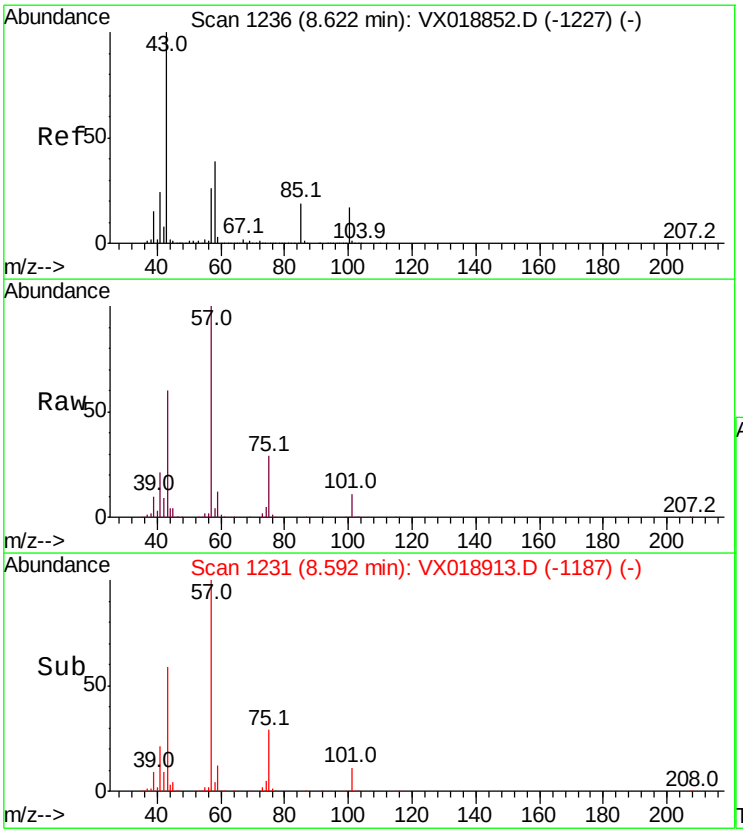
#50
Toluene-d8
Concen: 53.259 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX018913.D
Acq: 12 Oct 2020 19:01

Instrument :
MSVOA_X
ClientSampleId :
PB132255ZHE#05

Tgt Ion: 98 Resp: 501543

Ion	Ratio	Lower	Upper
98	100		
100	66.0	53.1	79.7

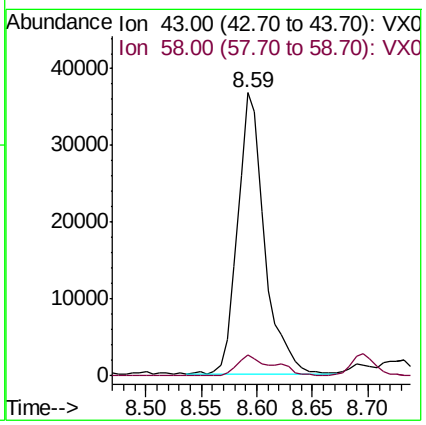


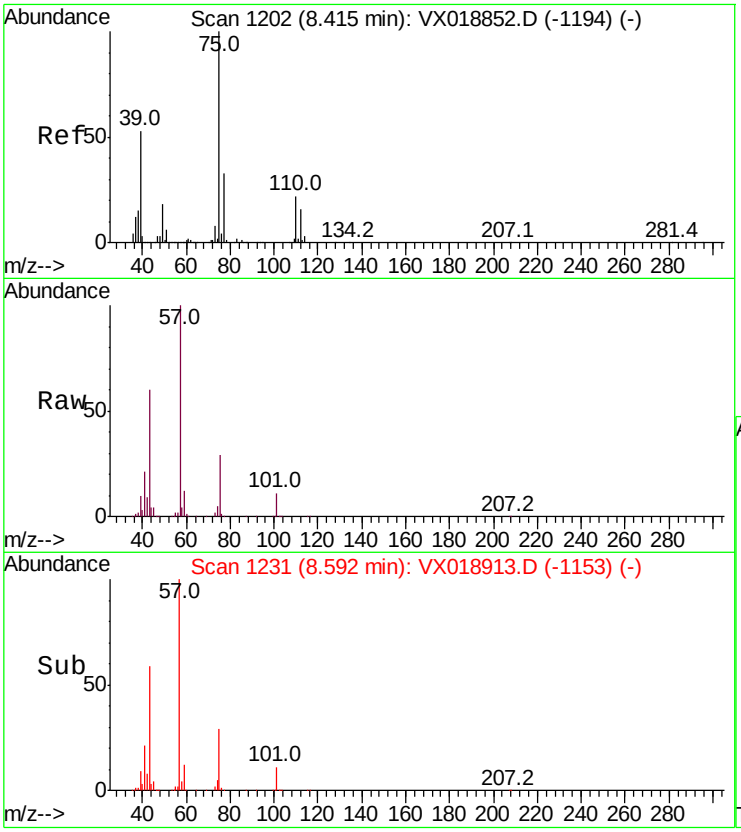


#51
4-Methyl-2-Pentanone
Concen: 16.271 ug/l
RT: 8.59 min Scan# 1231
Delta R.T. -0.03 min
Lab File: VX018913.D
Acq: 12 Oct 2020 19:01

Tgt Ion: 43 Resp: 61044

Ion	Ratio	Lower	Upper
43	100		
58	10.1	30.9	46.3#



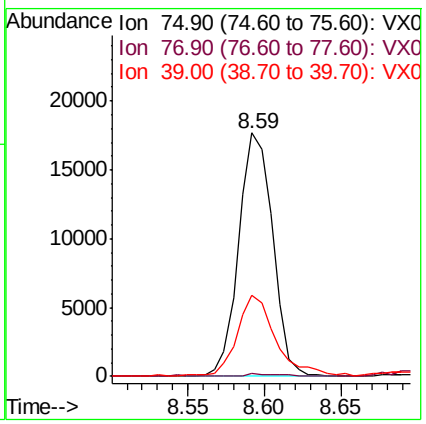


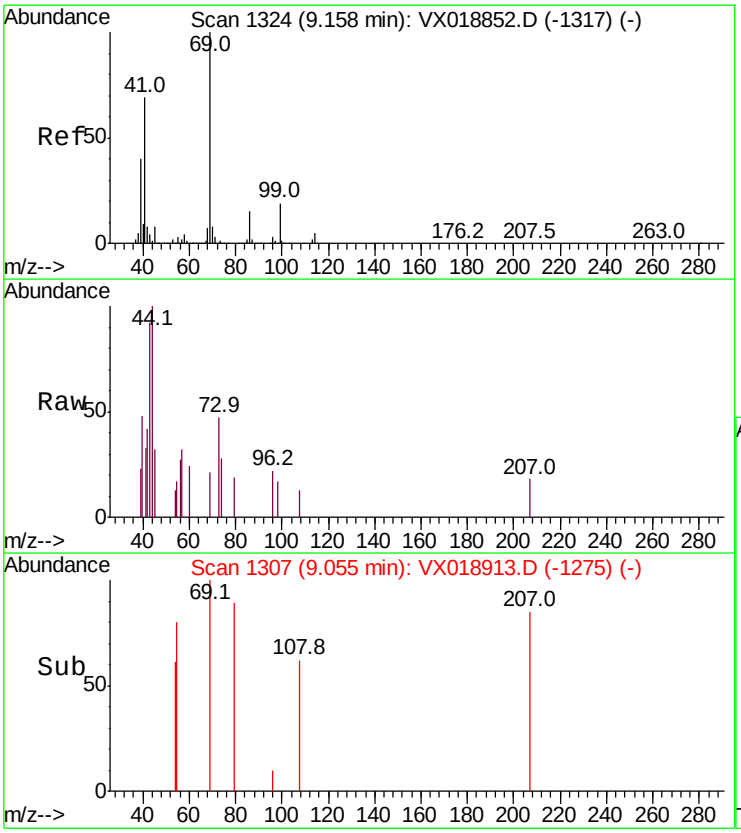
#54
cis-1,3-Dichloropropene
Concen: 5.615 ug/l
RT: 8.59 min Scan# 1231
Delta R.T. 0.18 min
Lab File: VX018913.D
Acq: 12 Oct 2020 19:01

Instrument :
MSVOA_X
ClientSampleId :
PB132255ZHE#05

Tgt Ion: 75 Resp: 27272

Ion	Ratio	Lower	Upper
75	100		
77	1.2	26.6	39.8#
39	32.9	42.6	64.0#

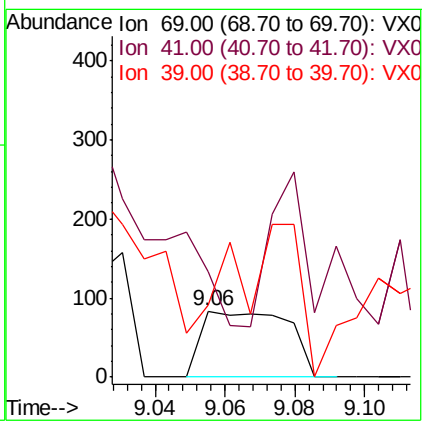


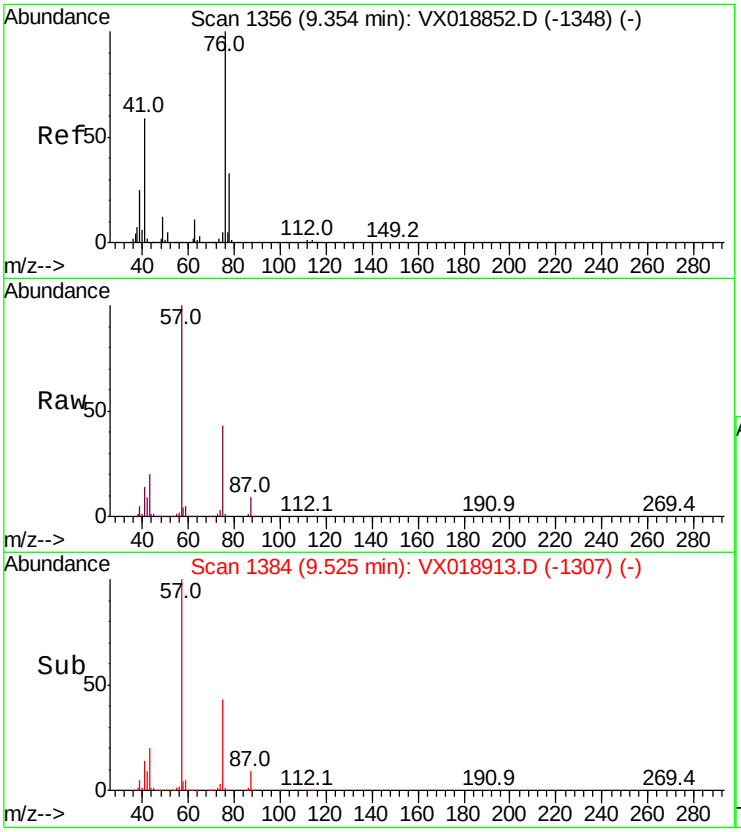


#56
Ethyl methacrylate
Concen: 2.966 ug/l
RT: 9.06 min Scan# 1307
Delta R.T. -0.10 min
Lab File: VX018913.D
Acq: 12 Oct 2020 19:01

Tgt Ion: 69 Resp: 143

Ion	Ratio	Lower	Upper
69	100		
41	0.0	54.6	81.8#
39	0.0	31.5	47.3#



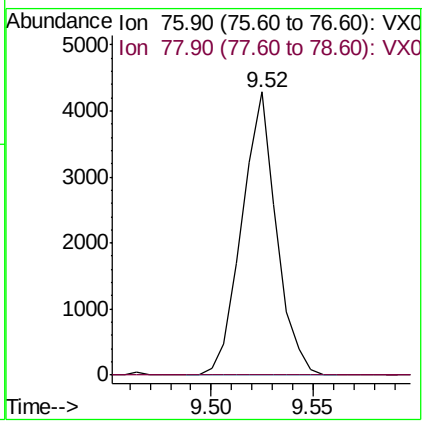


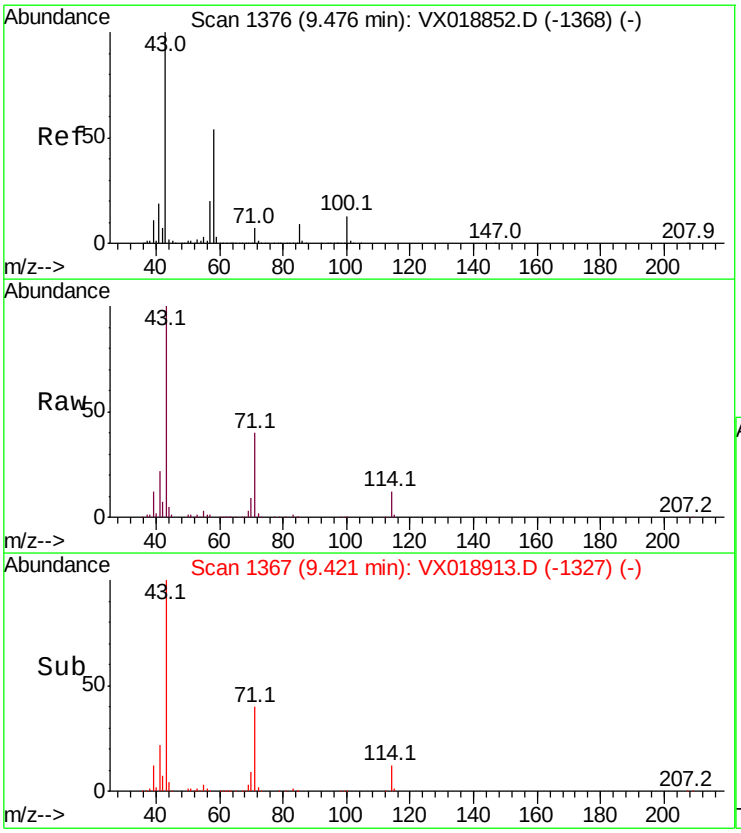
#57
1,3-Dichloropropane
Concen: 1.049 ug/l
RT: 9.52 min Scan# 1384
Delta R.T. 0.17 min
Lab File: VX018913.D
Acq: 12 Oct 2020 19:01

Instrument :
MSVOA_X
ClientSampleId :
PB132255ZHE#05

Tgt Ion: 76 Resp: 5048

Ion	Ratio	Lower	Upper
76	100		
78	0.0	26.2	39.2#

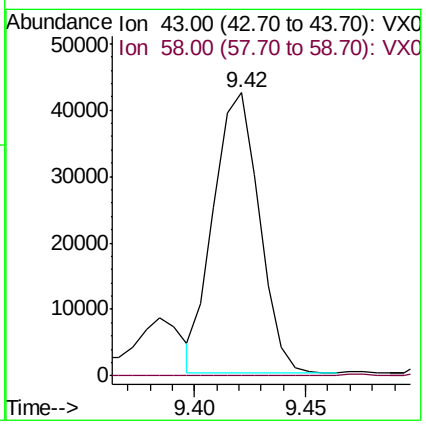


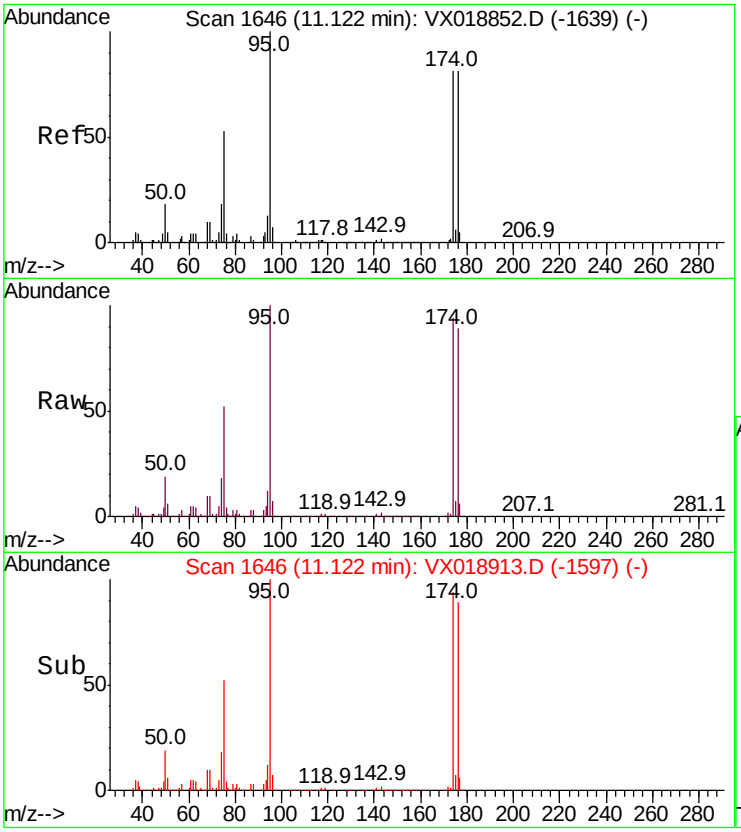


#59
2-Hexanone
Concen: 21.148 ug/l
RT: 9.42 min Scan# 1367
Delta R.T. -0.05 min
Lab File: VX018913.D
Acq: 12 Oct 2020 19:01

Tgt Ion: 43 Resp: 60449

Ion	Ratio	Lower	Upper
43	100		
58	0.0	26.7	80.1#



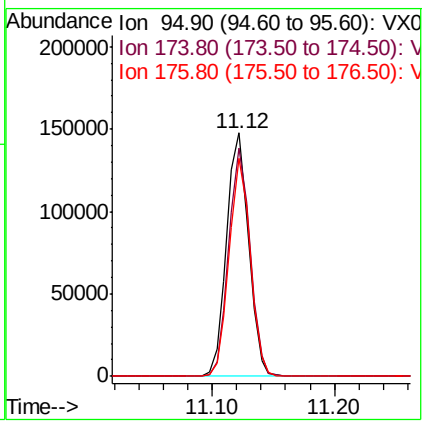


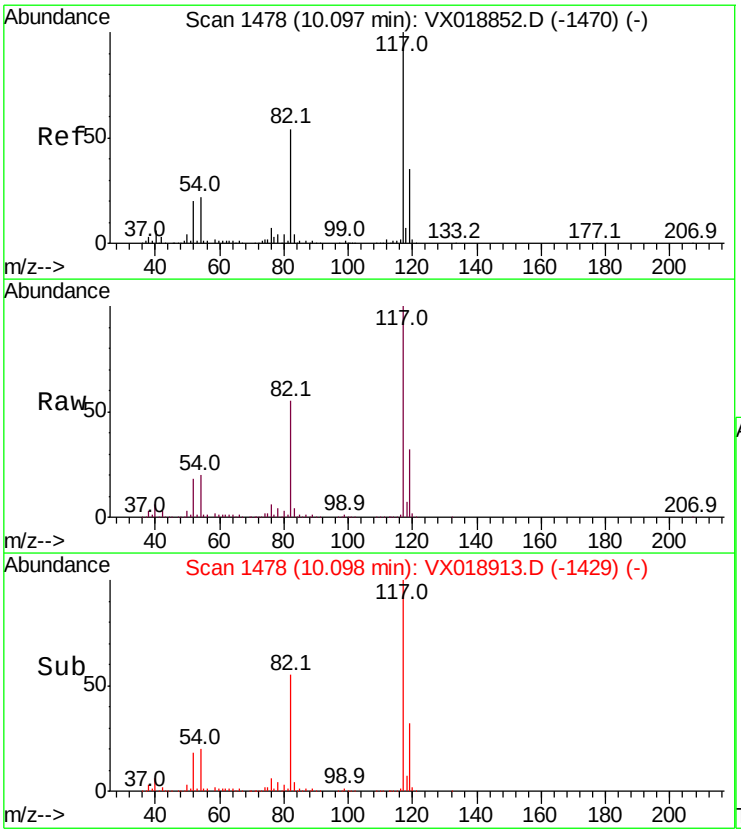
#62
4-Bromofluorobenzene
Concen: 48.870 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX018913.D
Acq: 12 Oct 2020 19:01

Instrument :
MSVOA_X
ClientSampleId :
PB132255ZHE#05

Tgt Ion: 95 Resp: 183421

Ion	Ratio	Lower	Upper
95	100		
174	91.2	0.0	160.0
176	85.8	0.0	161.2

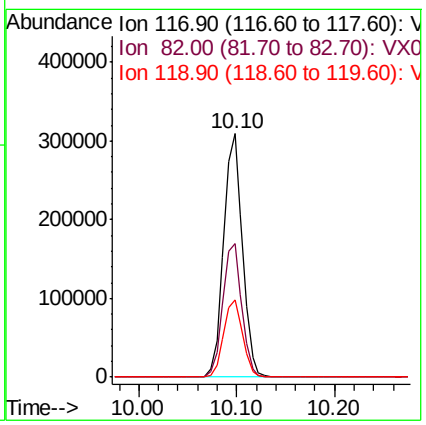


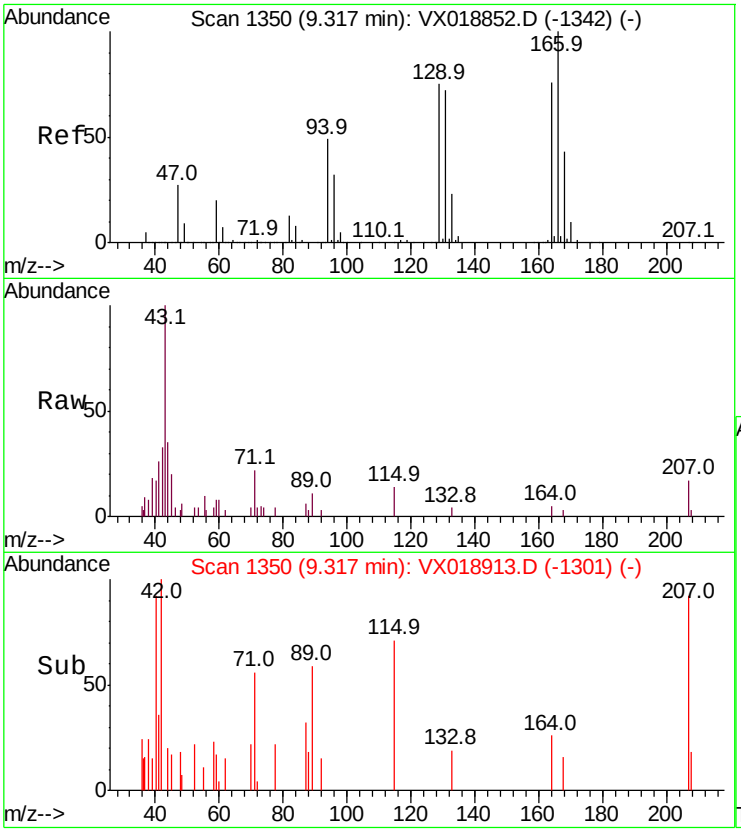


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018913.D
Acq: 12 Oct 2020 19:01

Tgt Ion:117 Resp: 411854

Ion	Ratio	Lower	Upper
117	100		
82	55.0	43.4	65.2
119	31.7	28.3	42.5



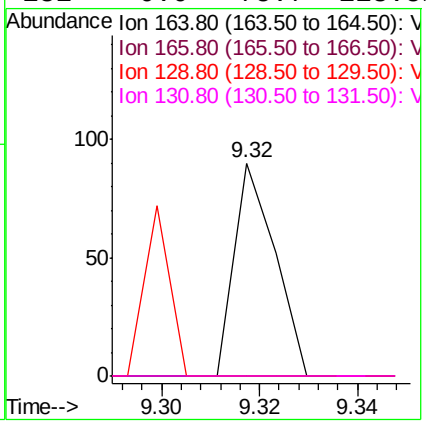


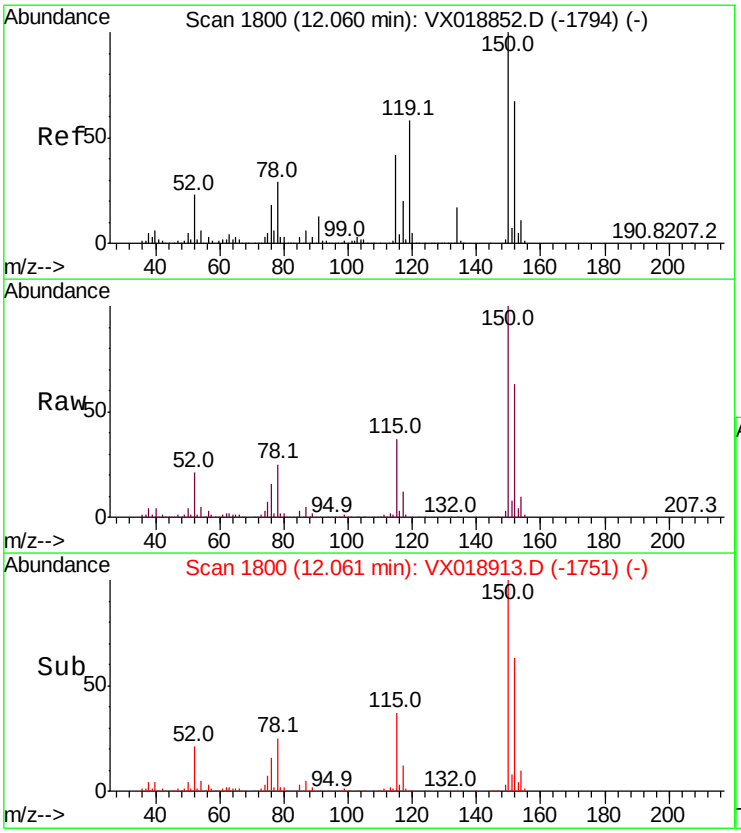
#64
Tetrachloroethene
Concen: Below Cal
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX018913.D
Acq: 12 Oct 2020 19:01

Instrument : MSVOA_X
ClientSampleId : PB132255ZHE#05

Tgt Ion:164 Resp: 52

Ion	Ratio	Lower	Upper
164	100		
166	0.0	105.4	158.0#
129	0.0	79.0	118.6#
131	0.0	75.7	113.5#

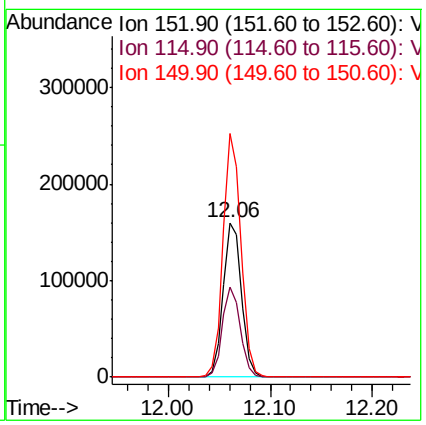


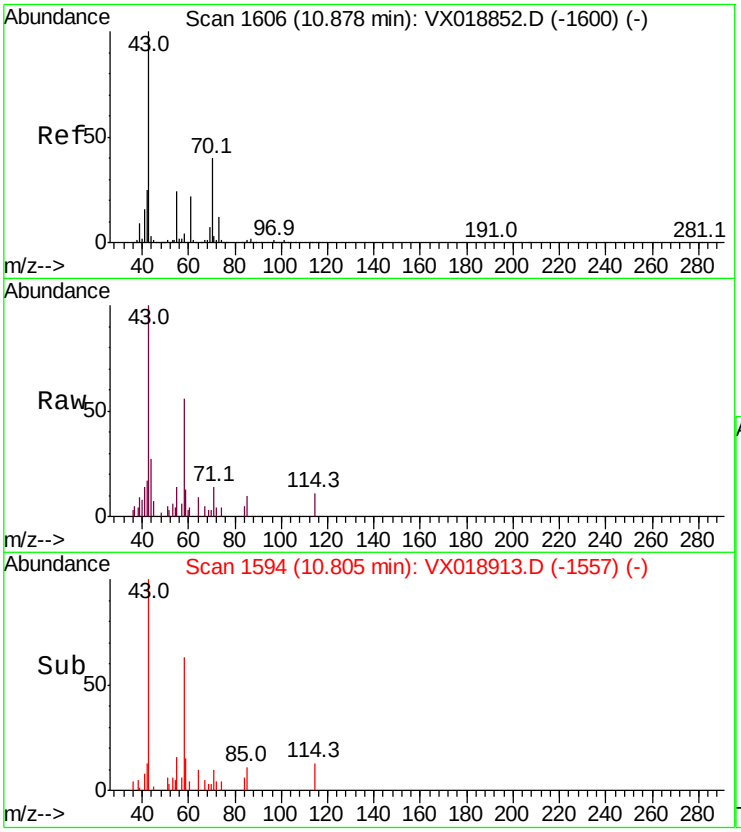


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX018913.D
Acq: 12 Oct 2020 19:01

Tgt Ion:152 Resp: 198217

Ion	Ratio	Lower	Upper
152	100		
115	57.4	41.8	125.4
150	154.5	0.0	347.6



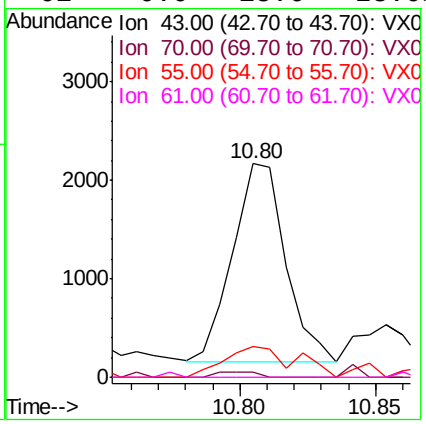


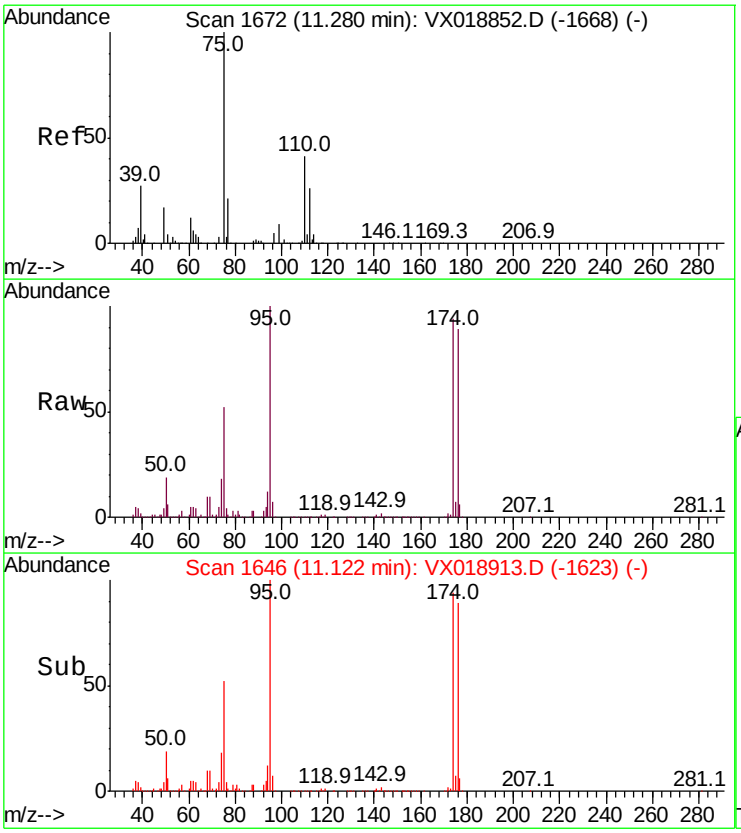
#74
N-amyl acetate
Concen: 0.533 ug/l
RT: 10.80 min Scan# 1594
Delta R.T. -0.07 min
Lab File: VX018913.D
Acq: 12 Oct 2020 19:01

Instrument :
MSVOA_X
ClientSampleId :
PB132255ZHE#05

Tgt Ion: 43 Resp: 2735

Ion	Ratio	Lower	Upper
43	100		
70	2.2	33.7	50.5#
55	20.6	19.8	29.8
61	0.0	18.6	28.0#

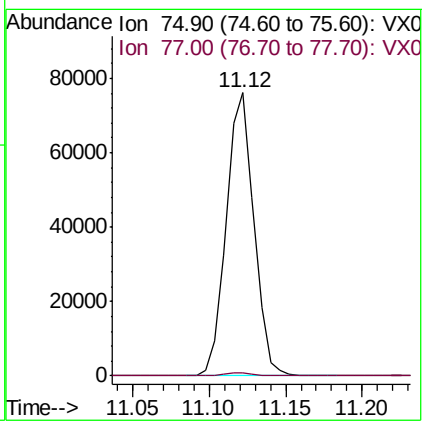


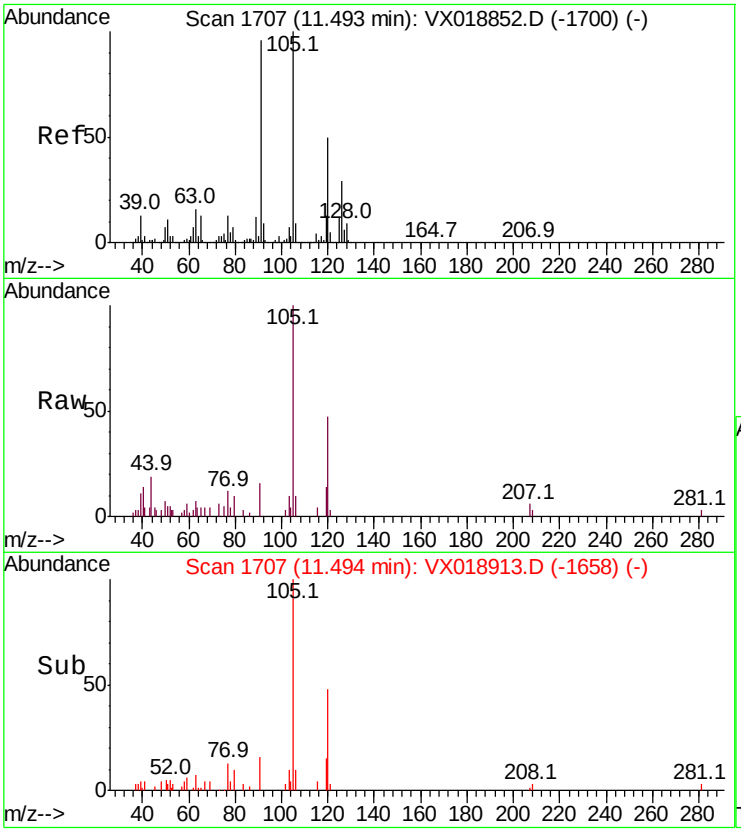


#76
1,2,3-Trichloropropane
Concen: 22.274 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX018913.D
Acq: 12 Oct 2020 19:01

Tgt Ion: 75 Resp: 95130

Ion	Ratio	Lower	Upper
75	100		
77	1.2	20.2	60.6#



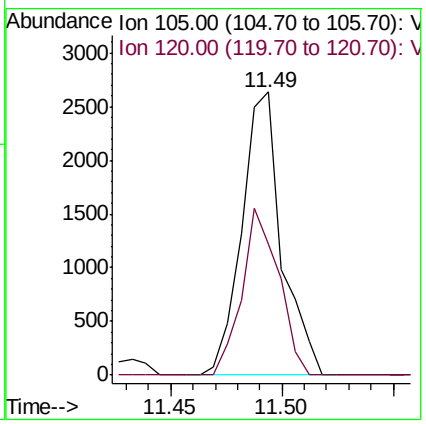


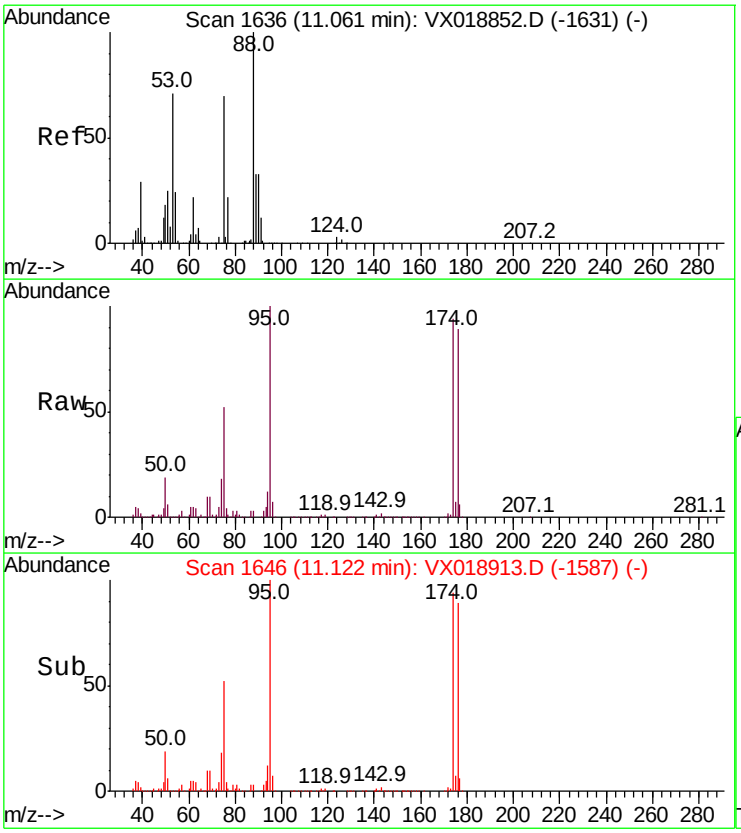
#80
1,3,5-Trimethylbenzene
Concen: 0.296 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX018913.D
Acq: 12 Oct 2020 19:01

Instrument :
MSVOA_X
ClientSampleId :
PB132255ZHE#05

Tgt Ion:105 Resp: 3288

Ion	Ratio	Lower	Upper
105	100		
120	54.3	23.9	71.8

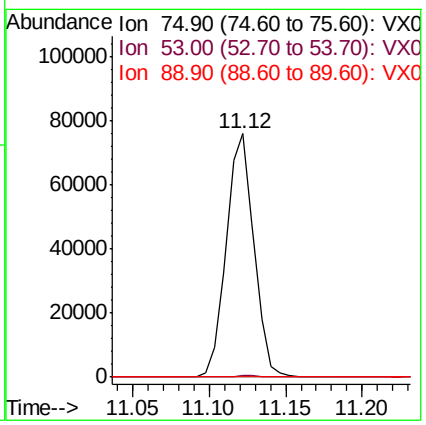


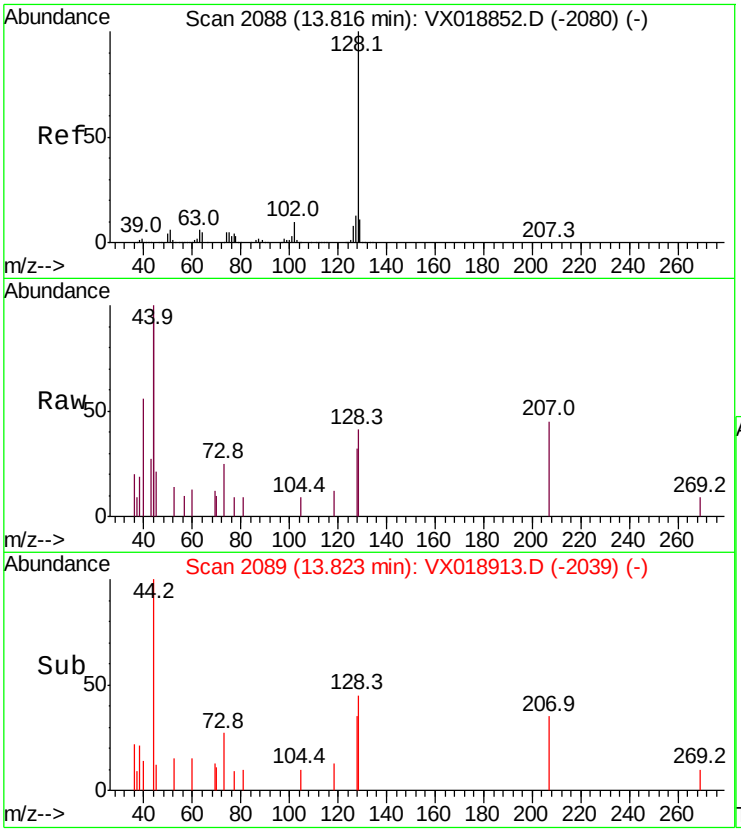


#81
trans-1,4-Dichloro-2-butene
Concen: 63.123 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.06 min
Lab File: VX018913.D
Acq: 12 Oct 2020 19:01

Tgt Ion: 75 Resp: 95130

Ion	Ratio	Lower	Upper
75	100		
53	0.7	85.0	127.4#
89	0.0	39.0	58.4#





#95
Naphthalene
Concen: 3.098 ug/l
RT: 13.82 min Scan# 2089
Delta R.T. 0.01 min
Lab File: VX018913.D
Acq: 12 Oct 2020 19:01

Instrument :
MSVOA_X
ClientSampleId :
PB132255ZHE#05

Tgt Ion:128 Resp: 310

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