Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101220\
Data File : VX018919.D
Acq On : 12 Oct 2020 21:17
Operator : JC/SP
Sample : L4276-03RE
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FIELD-BLANK

Quant Time: Oct 13 04:10:27 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	248568	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	384070	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	390672	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	197706	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	194834	53.14	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.28%			
35) Dibromofluoromethane	5.46	113	144296	52.72	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.44%			
50) Toluene-d8	8.70	98	493959	52.03	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.06%			
62) 4-Bromofluorobenzene	11.12	95	178468	47.16	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.32%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.23	85	47	1.634	ug/l #	43
3) Chloromethane	1.31	50	986	0.423	ug/l	95
8) Diethyl Ether	2.17	74	64	1.074	ug/l #	1
10) Methyl Iodide	2.49	142	46	4.008	ug/l #	34
11) Tert butyl alcohol	3.00	59	2961	5.128	ug/l #	80
12) 1,1-Dichloroethene	2.36	96	25	0.716	ug/l #	1
13) Acrolein	2.26	56	274	0.570	ug/l #	76
16) Acetone	2.42	43	16705	7.032	ug/l #	88
20) Methylene Chloride	2.84	84	2083	1.292	ug/l #	80
25) 2-Butanone	4.64	43	6450	3.248	ug/l	94
28) Bromochloromethane	4.98	49	101	1.566	ug/l #	8
29) Tetrahydrofuran	5.10	42	1404	1.318	ug/l #	77
31) Cyclohexane	5.64	56	5734	1.675	ug/l #	49
36) 1,1-Dichloropropene	5.64	75	20058	4.967	ug/l #	51
38) Carbon Tetrachloride	5.64	117	25975	5.190	ug/l #	20
49) 1,4-Dioxane	7.70	88	33	0.716	ug/l #	1
51) 4-Methyl-2-Pentanone	8.62	43	2353	0.622	ug/l	99
52) Toluene	8.77	92	2701	0.388	ug/l	95
56) Ethyl methacrylate	9.14	69	73	2.950	ug/l #	1
76) 1,2,3-Trichloropropane	11.12	75	91870	21.566	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.12	75	91870	61.117	ug/l #	8
95) Naphthalene	13.82	128	221	3.092	ug/l #	77

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

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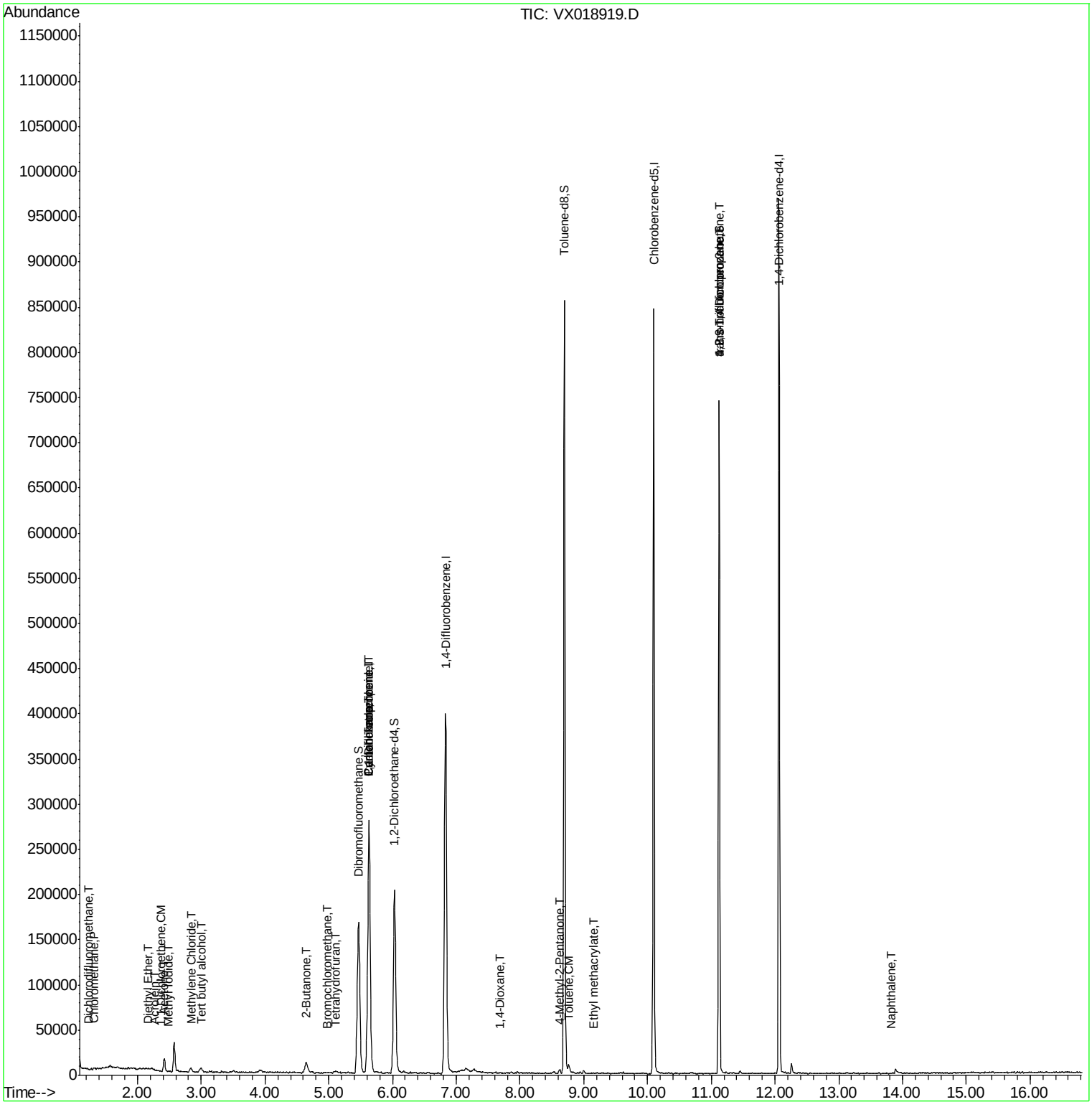
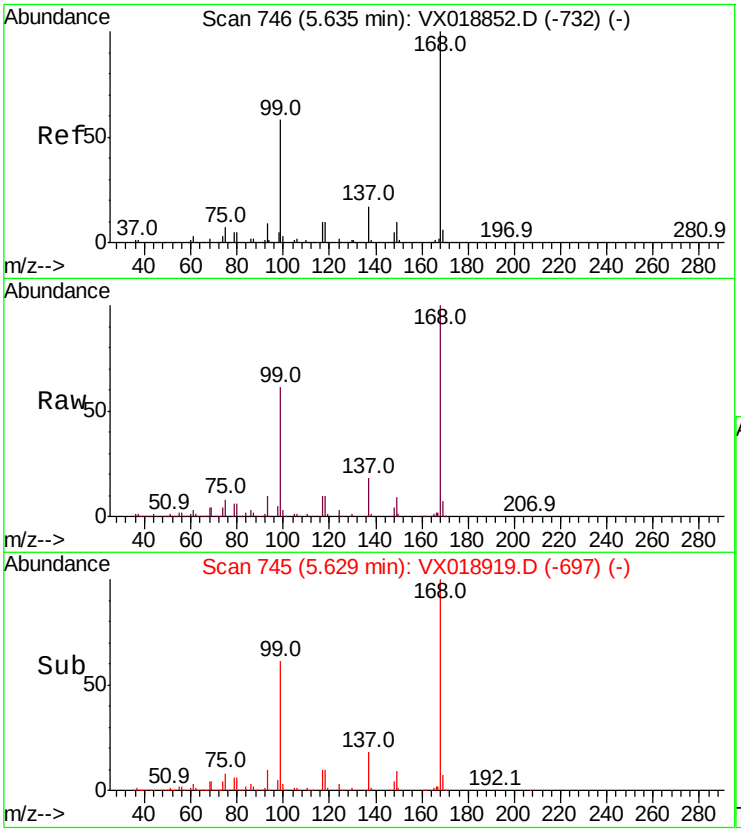
Instrument :
MSVOA_X
ClientSampleId :
FIELD-BLANK

Quant Time: Oct 13 04:10:27 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



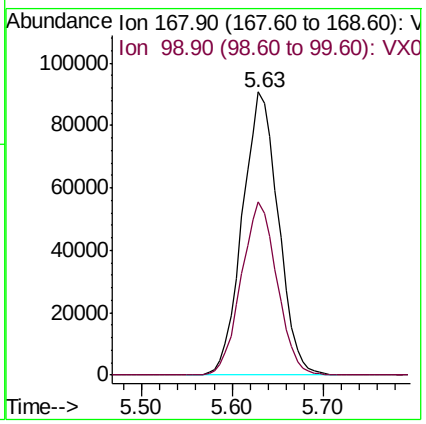


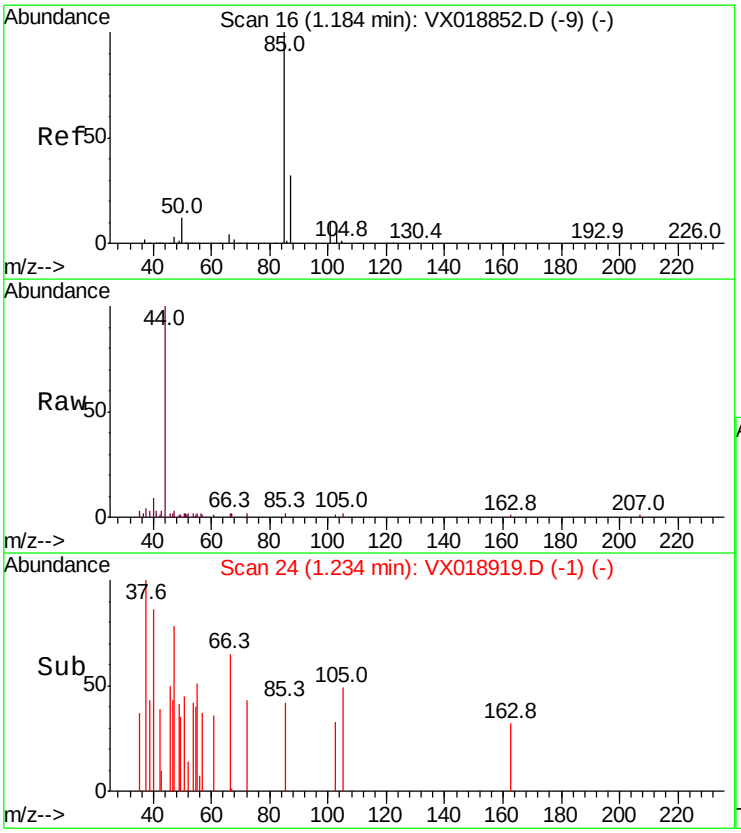
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.01 min
Lab File: VX018919.D
Acq: 12 Oct 2020 21:17

Instrument :
MSVOA_X
ClientSampleId :
FIELD-BLANK

Tgt Ion:168 Resp: 248568

Ion	Ratio	Lower	Upper
168	100		
99	61.0	46.1	69.1

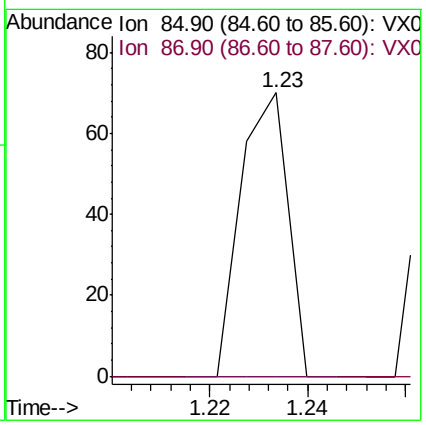


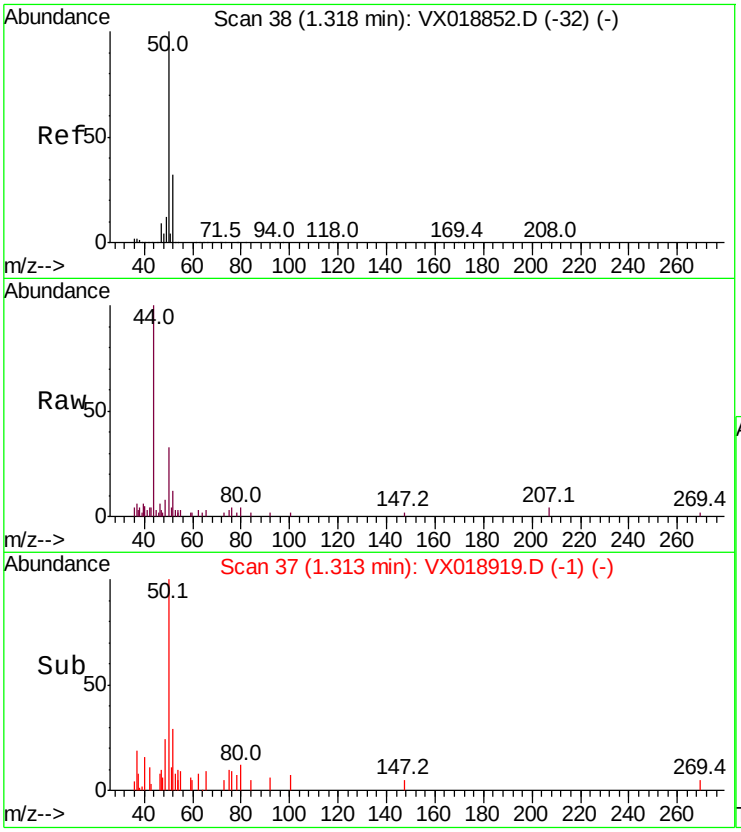


#2
Dichlorodifluoromethane
Concen: 1.634 ug/l
RT: 1.23 min Scan# 24
Delta R.T. 0.05 min
Lab File: VX018919.D
Acq: 12 Oct 2020 21:17

Tgt Ion: 85 Resp: 47

Ion	Ratio	Lower	Upper
85	100		
87	0.0	15.9	47.7#



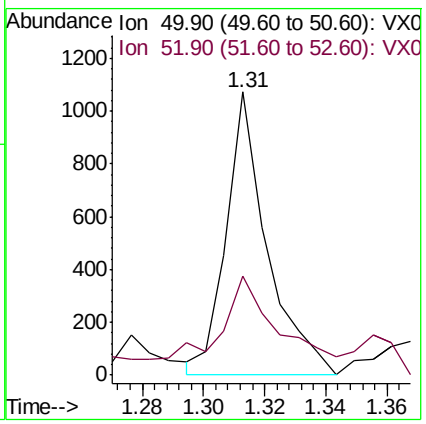


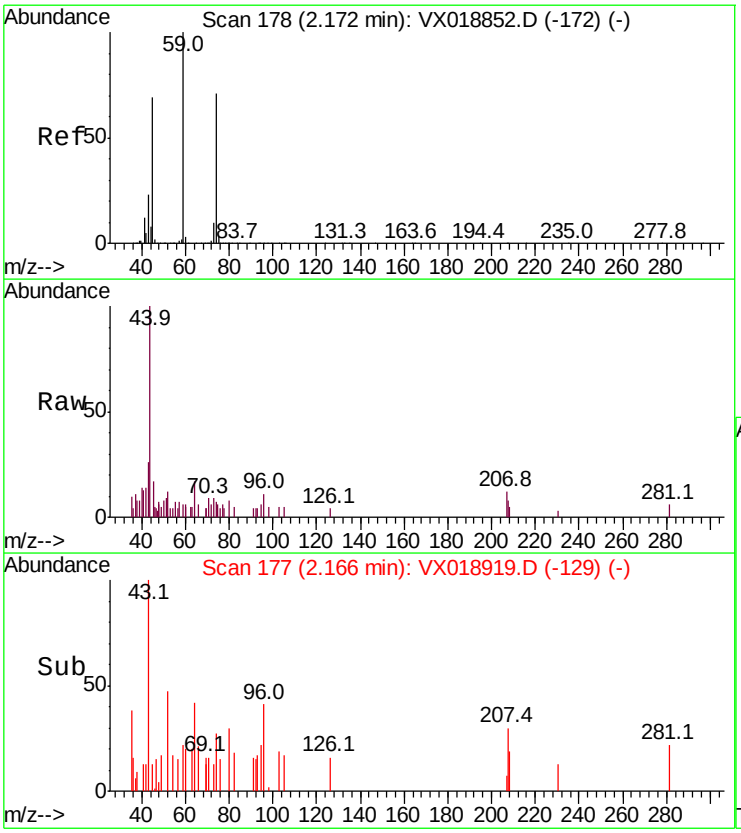
#3
Chloromethane
Concen: 0.423 ug/l
RT: 1.31 min Scan# 37
Delta R.T. -0.01 min
Lab File: VX018919.D
Acq: 12 Oct 2020 21:17

Instrument :
MSVOA_X
ClientSampleId :
FIELD-BLANK

Tgt Ion: 50 Resp: 986

Ion	Ratio	Lower	Upper
50	100		
52	28.8	25.2	37.8

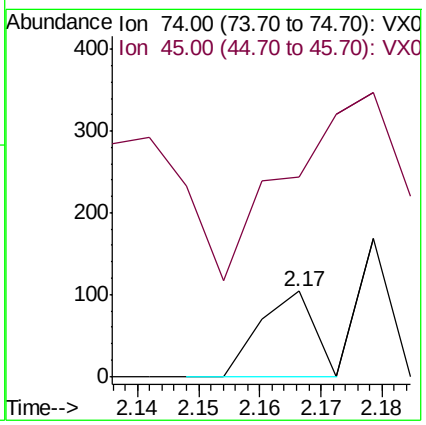


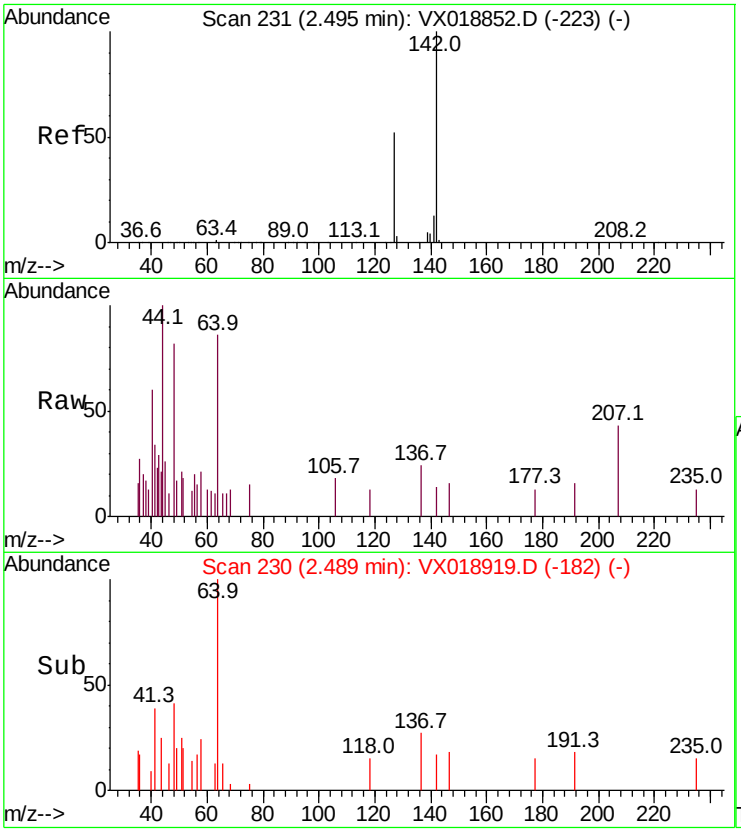


#8
Diethyl Ether
Concen: 1.074 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX018919.D
Acq: 12 Oct 2020 21:17

Tgt Ion: 74 Resp: 64

Ion	Ratio	Lower	Upper
74	100		
45	771.9	47.0	141.2#



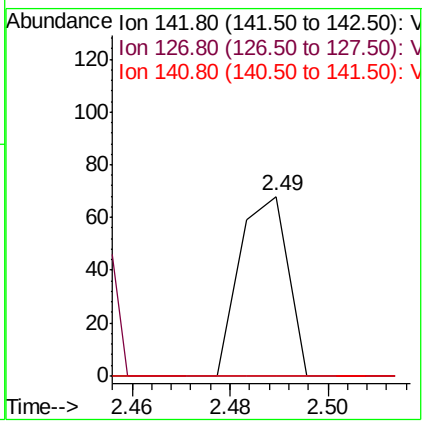


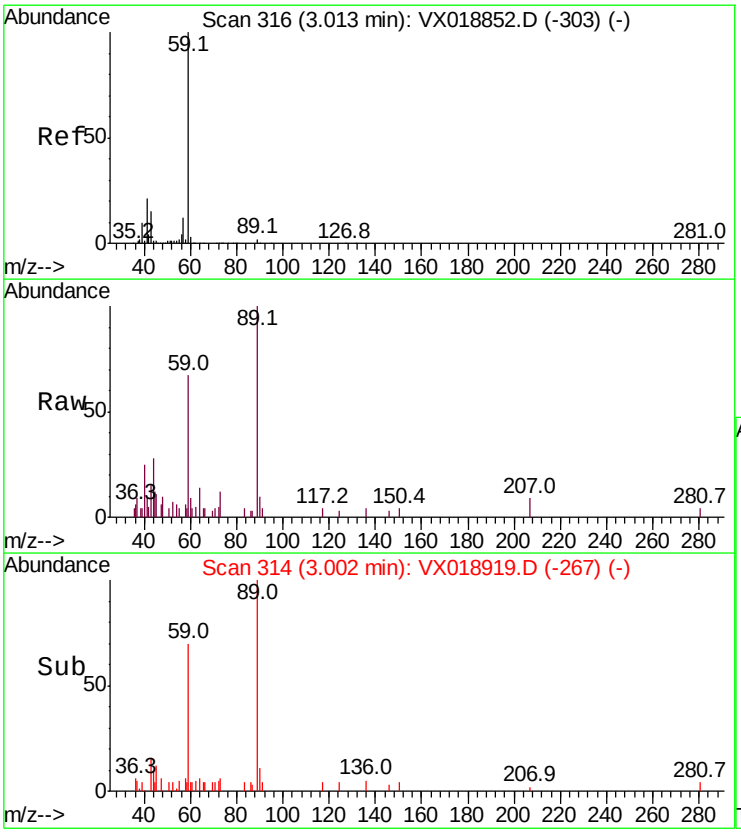
#10
Methyl Iodide
Concen: 4.008 ug/l
RT: 2.49 min Scan# 230
Delta R.T. -0.01 min
Lab File: VX018919.D
Acq: 12 Oct 2020 21:17

Instrument :
MSVOA_X
ClientSampleId :
FIELD-BLANK

Tgt Ion:142 Resp: 46

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

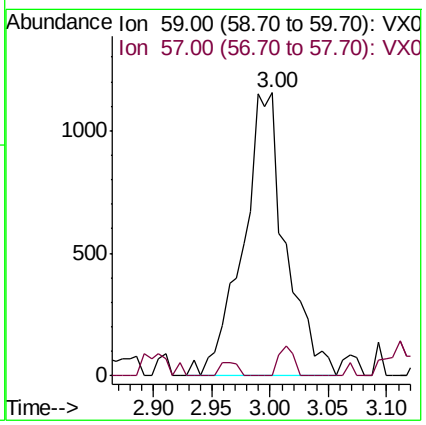


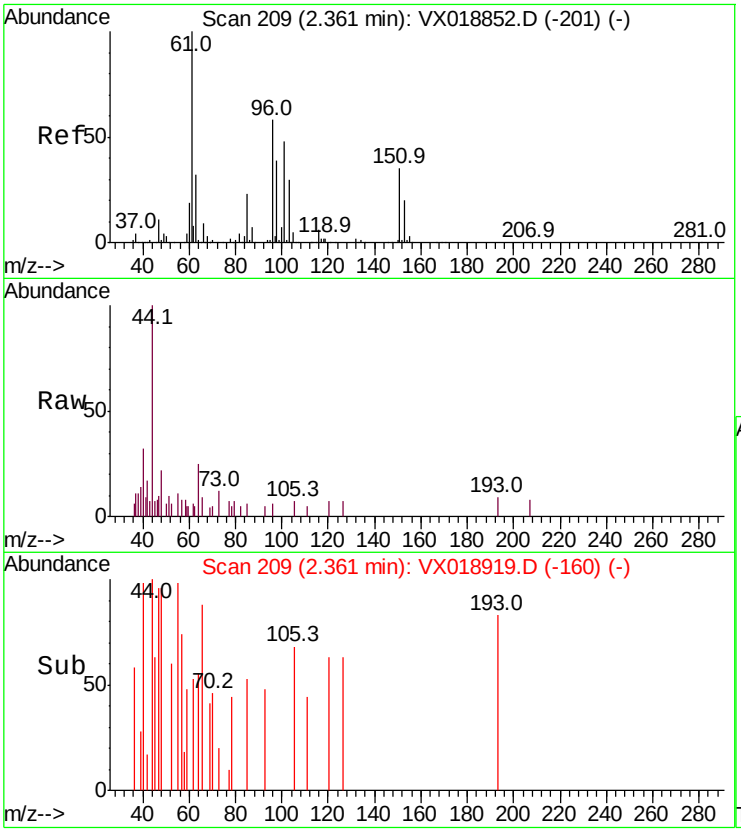


#11
Tert butyl alcohol
Concen: 5.128 ug/l
RT: 3.00 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX018919.D
Acq: 12 Oct 2020 21:17

Tgt Ion: 59 Resp: 2961

Ion	Ratio	Lower	Upper
59	100		
57	3.6	9.0	13.6#



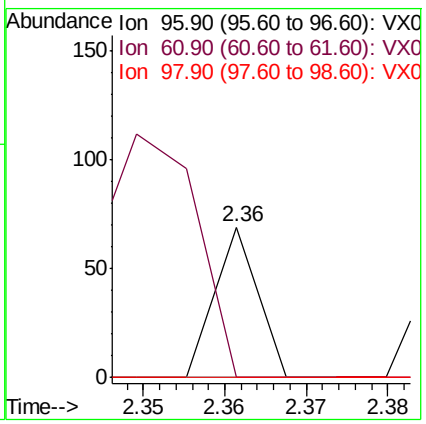


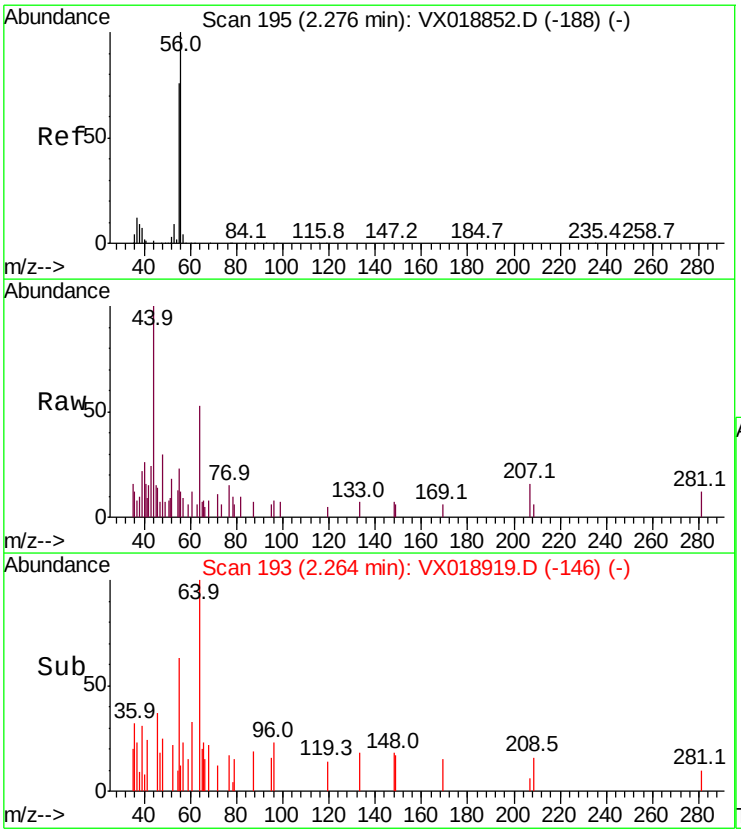
#12
1,1-Dichloroethene
Concen: 0.716 ug/l
RT: 2.36 min Scan# 209
Delta R.T. 0.00 min
Lab File: VX018919.D
Acq: 12 Oct 2020 21:17

Instrument :
MSVOA_X
ClientSampleId :
FIELD-BLANK

Tgt Ion: 96 Resp: 25

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

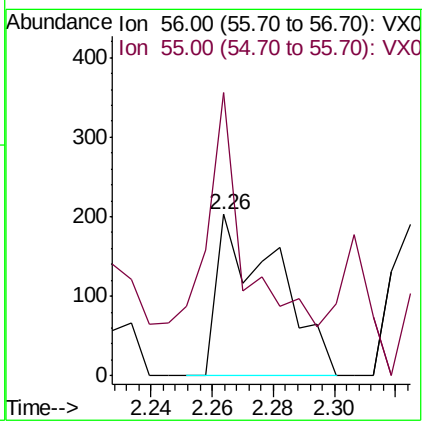


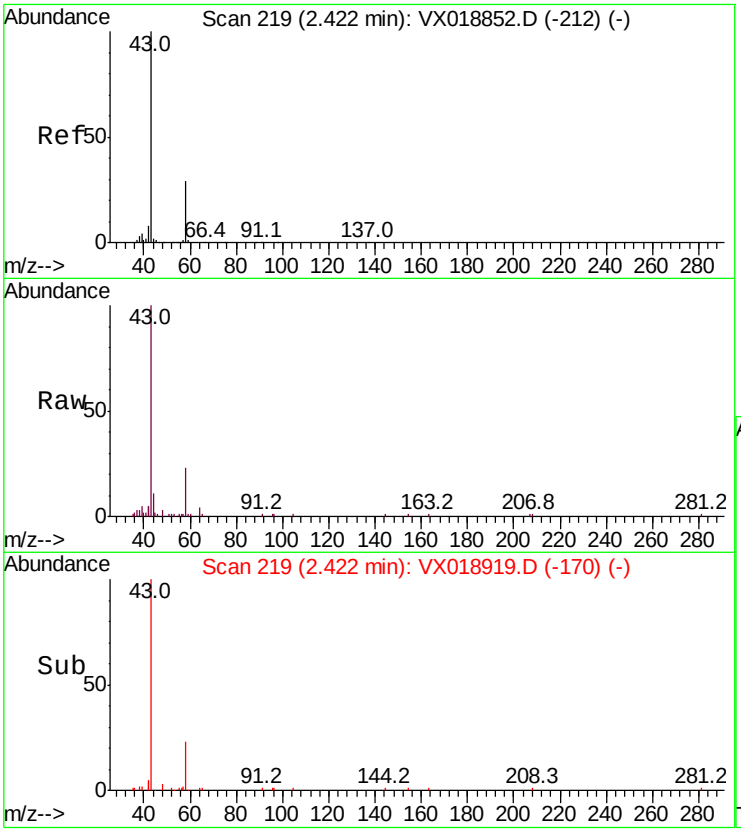


#13
Acrolein
Concen: 0.570 ug/l
RT: 2.26 min Scan# 193
Delta R.T. -0.01 min
Lab File: VX018919.D
Acq: 12 Oct 2020 21:17

Tgt Ion: 56 Resp: 274

Ion	Ratio	Lower	Upper
56	100		
55	93.4	58.6	87.8#



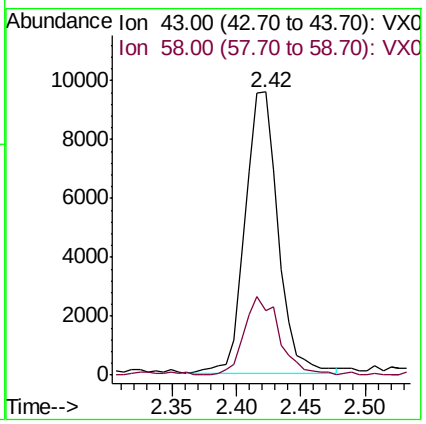


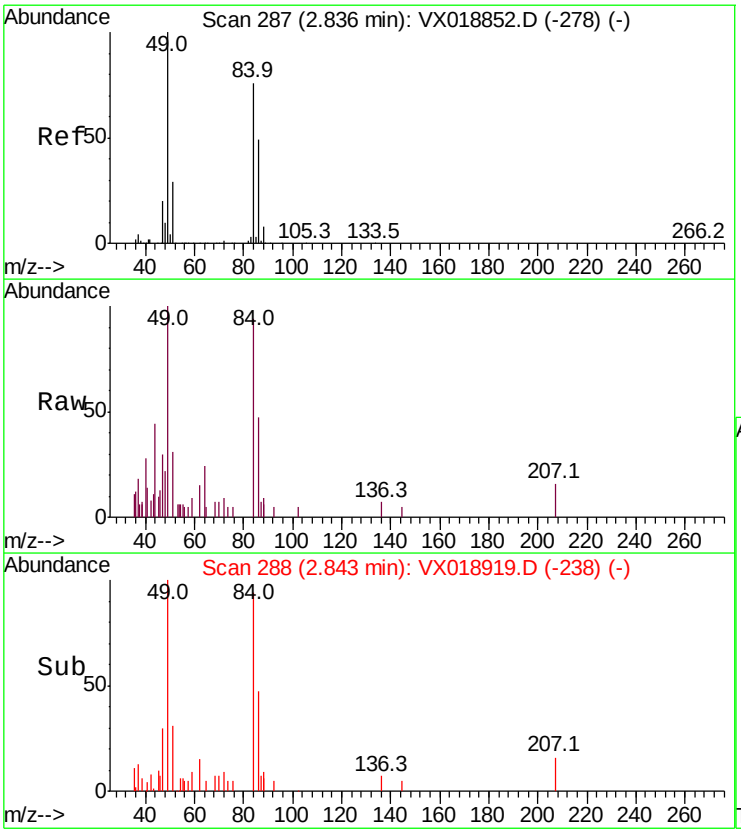
#16
Acetone
Concen: 7.032 ug/l
RT: 2.42 min Scan# 219
Delta R.T. 0.00 min
Lab File: VX018919.D
Acq: 12 Oct 2020 21:17

Instrument :
MSVOA_X
ClientSampleId :
FIELD-BLANK

Tgt Ion: 43 Resp: 16705

Ion	Ratio	Lower	Upper
43	100		
58	22.5	23.0	34.4#

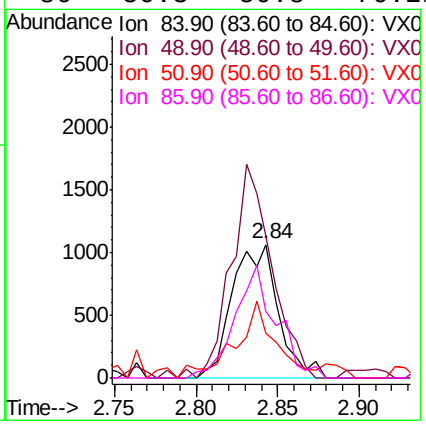


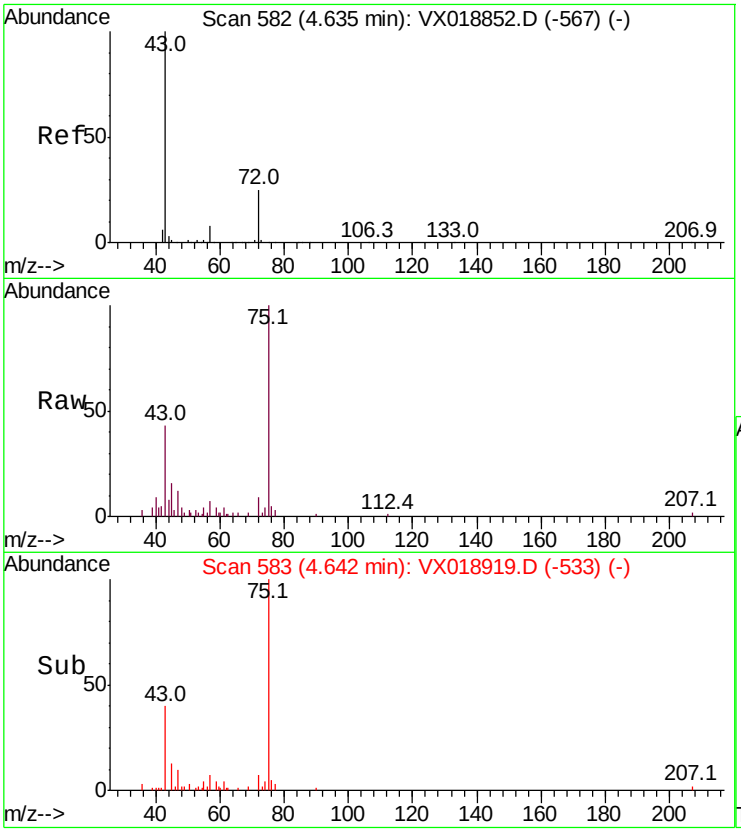


#20
Methylene Chloride
Concen: 1.292 ug/l
RT: 2.84 min Scan# 288
Delta R.T. 0.01 min
Lab File: VX018919.D
Acq: 12 Oct 2020 21:17

Tgt Ion: 84 Resp: 2083

Ion	Ratio	Lower	Upper
84	100		
49	106.7	104.8	157.2
51	24.0	30.6	46.0#
86	50.3	50.8	76.2#



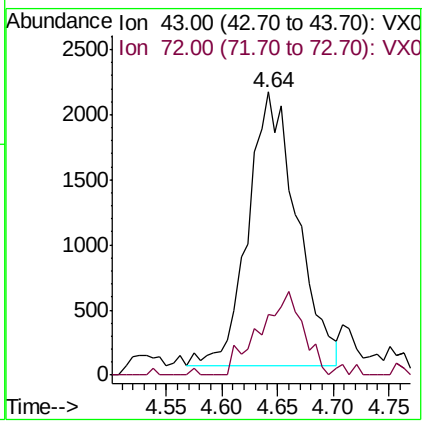


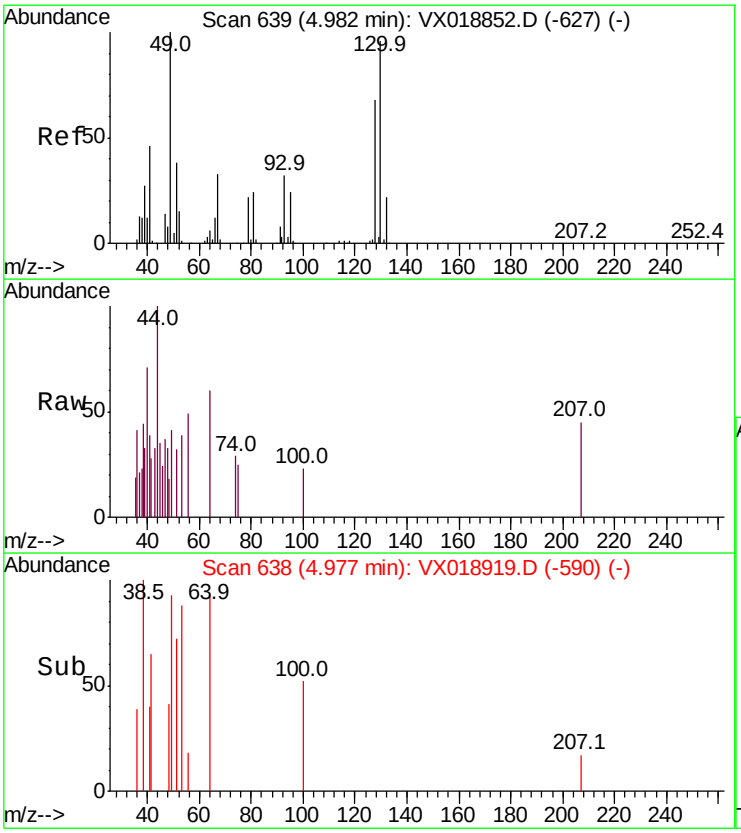
#25
2-Butanone
Concen: 3.248 ug/l
RT: 4.64 min Scan# 583
Delta R.T. 0.01 min
Lab File: VX018919.D
Acq: 12 Oct 2020 21:17

Instrument :
MSVOA_X
ClientSampleId :
FIELD-BLANK

Tgt Ion: 43 Resp: 6450

Ion	Ratio	Lower	Upper
43	100		
72	22.2	20.2	30.4

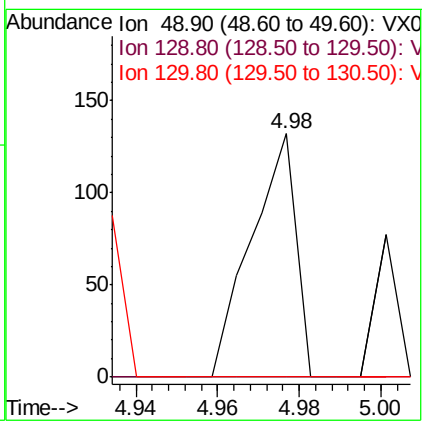


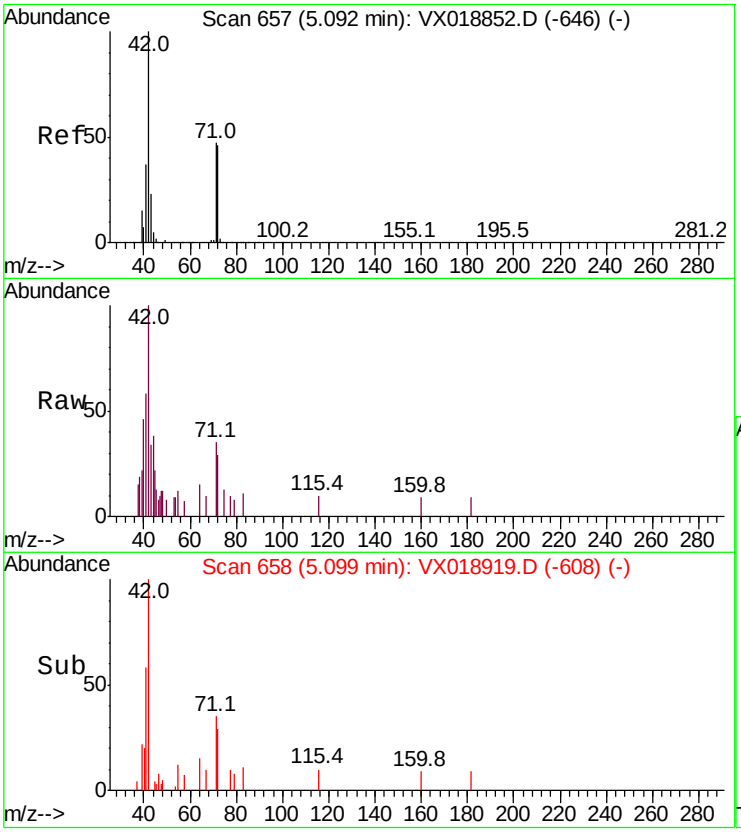


#28
Bromochloromethane
Concen: 1.566 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX018919.D
Acq: 12 Oct 2020 21:17

Tgt Ion: 49 Resp: 101

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



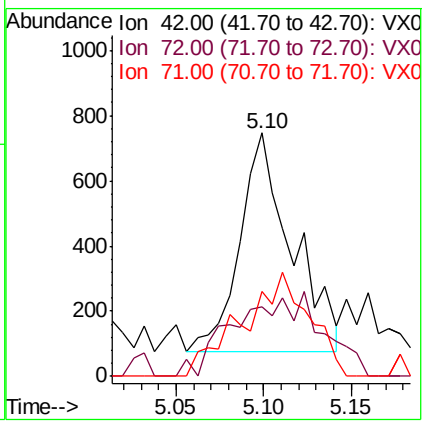


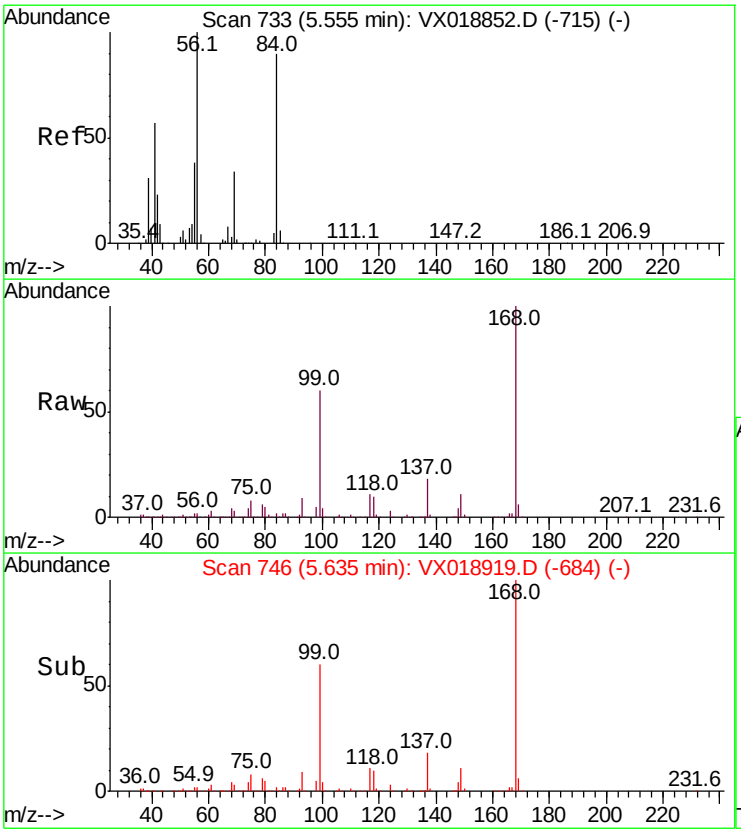
#29
Tetrahydrofuran
Concen: 1.318 ug/l
RT: 5.10 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX018919.D
Acq: 12 Oct 2020 21:17

Instrument :
MSVOA_X
ClientSampleId :
FIELD-BLANK

Tgt Ion: 42 Resp: 1404

Ion	Ratio	Lower	Upper
42	100		
72	32.0	36.4	54.6#
71	61.0	35.2	52.8#

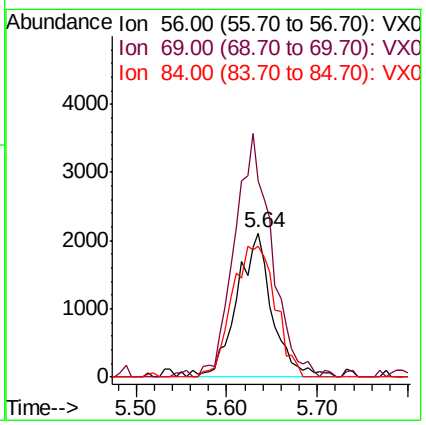


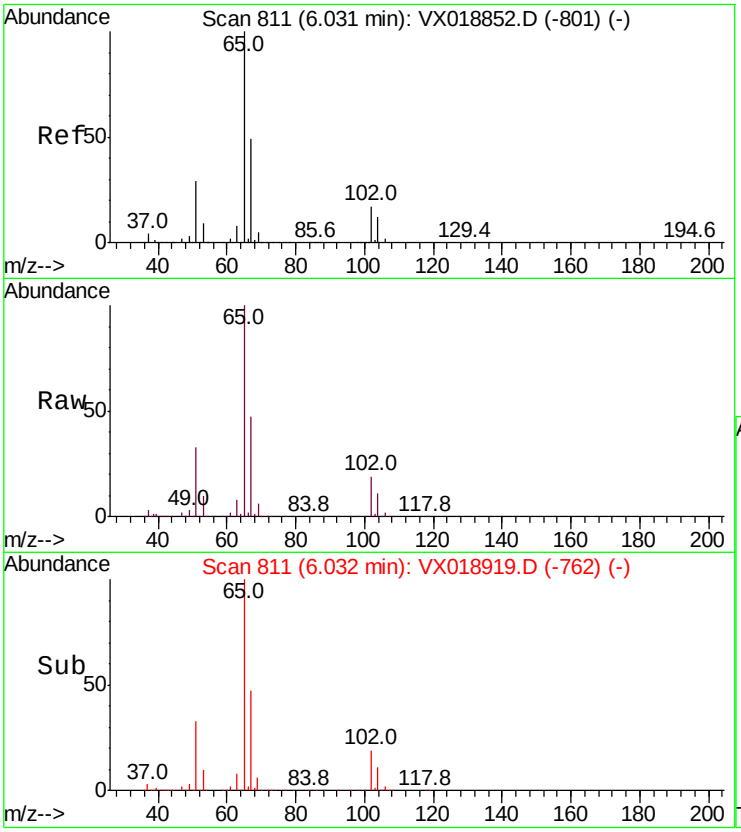


#31
Cyclohexane
Concen: 1.675 ug/l
RT: 5.64 min Scan# 746
Delta R.T. 0.08 min
Lab File: VX018919.D
Acq: 12 Oct 2020 21:17

Tgt Ion: 56 Resp: 5734

Ion	Ratio	Lower	Upper
56	100		
69	136.6	27.1	40.7#
84	91.3	71.7	107.5



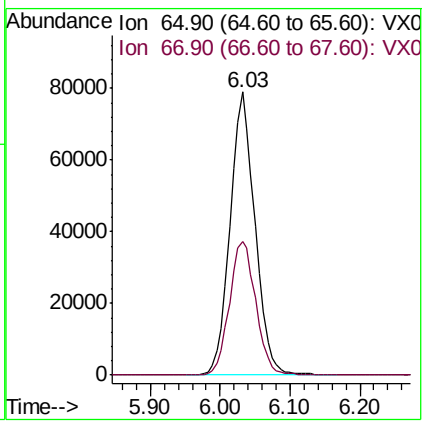


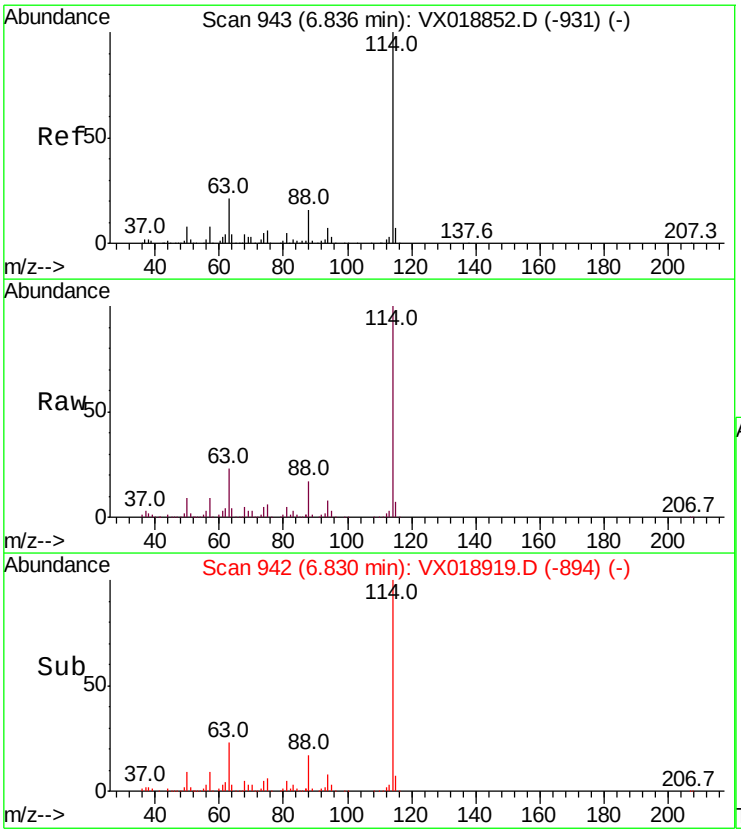
#33
1,2-Dichloroethane-d4
Concen: 53.144 ug/l
RT: 6.03 min Scan# 811
Delta R.T. 0.00 min
Lab File: VX018919.D
Acq: 12 Oct 2020 21:17

Instrument :
MSVOA_X
ClientSampleId :
FIELD-BLANK

Tgt Ion: 65 Resp: 194834

Ion	Ratio	Lower	Upper
65	100		
67	50.0	0.0	97.0

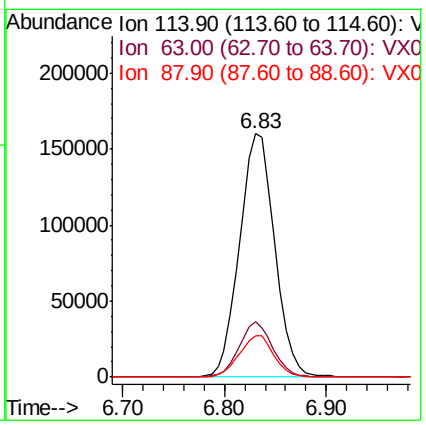


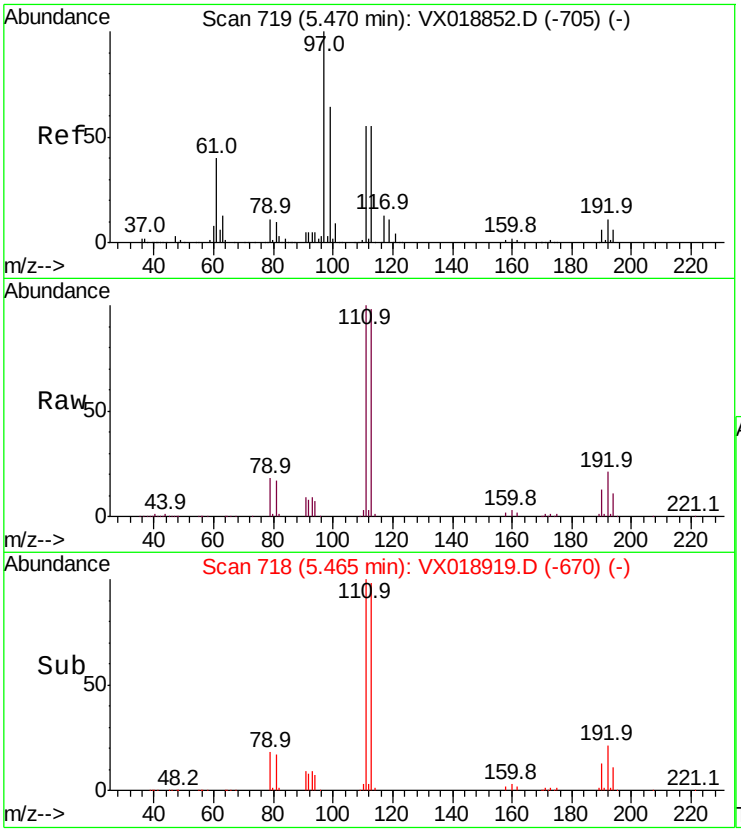


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. -0.01 min
Lab File: VX018919.D
Acq: 12 Oct 2020 21:17

Tgt Ion:114 Resp: 384070

Ion	Ratio	Lower	Upper
114	100		
63	22.9	0.0	42.4
88	16.9	0.0	32.6



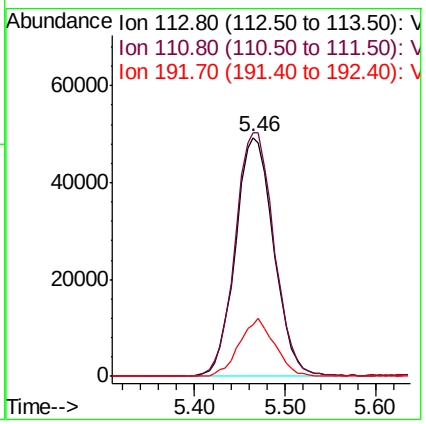


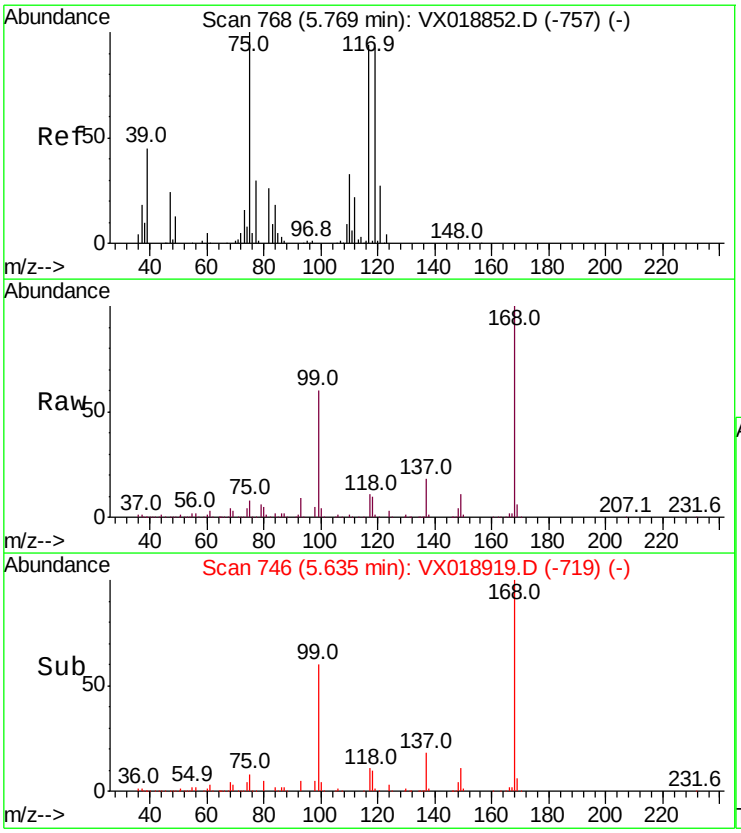
#35
Dibromofluoromethane
Concen: 52.718 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX018919.D
Acq: 12 Oct 2020 21:17

Instrument :
MSVOA_X
ClientSampleId :
FIELD-BLANK

Tgt Ion:113 Resp: 144296

Ion	Ratio	Lower	Upper
113	100		
111	103.6	80.1	120.1
192	22.4	16.0	24.0

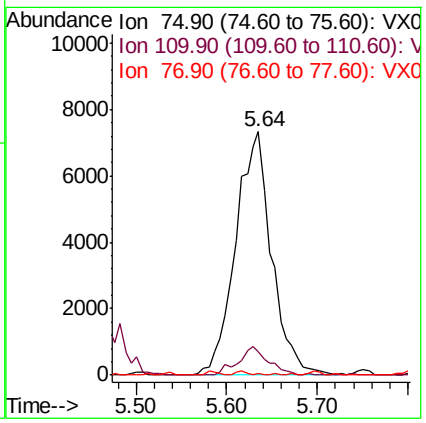


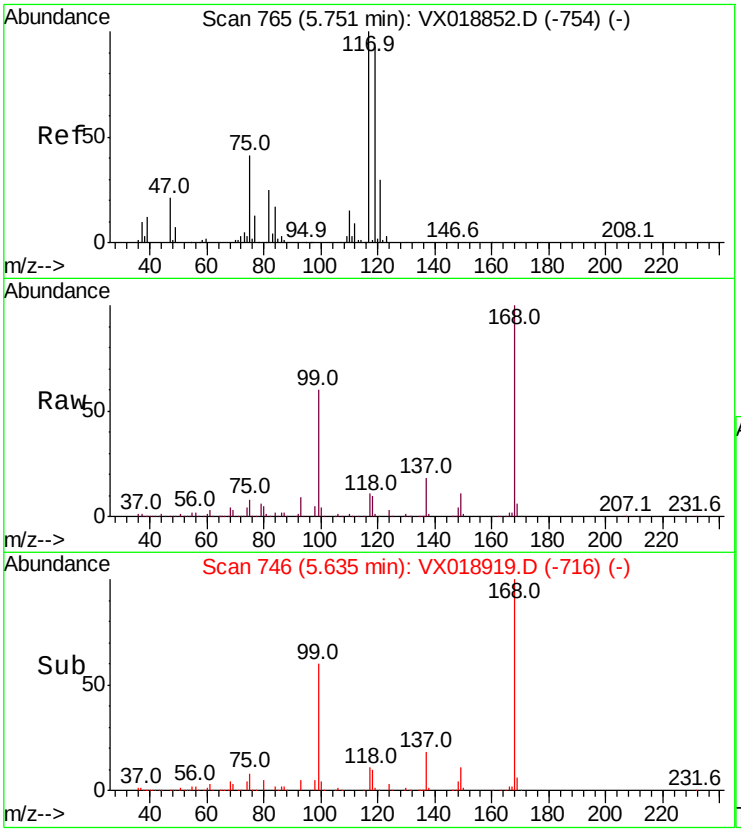


#36
1,1-Dichloropropene
Concen: 4.967 ug/l
RT: 5.64 min Scan# 746
Delta R.T. -0.13 min
Lab File: VX018919.D
Acq: 12 Oct 2020 21:17

Tgt Ion: 75 Resp: 20058

Ion	Ratio	Lower	Upper
75	100		
110	9.7	17.8	53.5#
77	0.6	24.2	36.4#



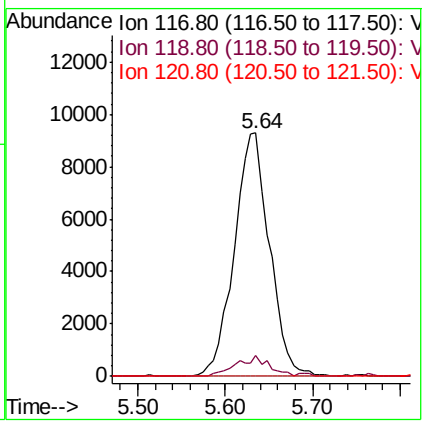


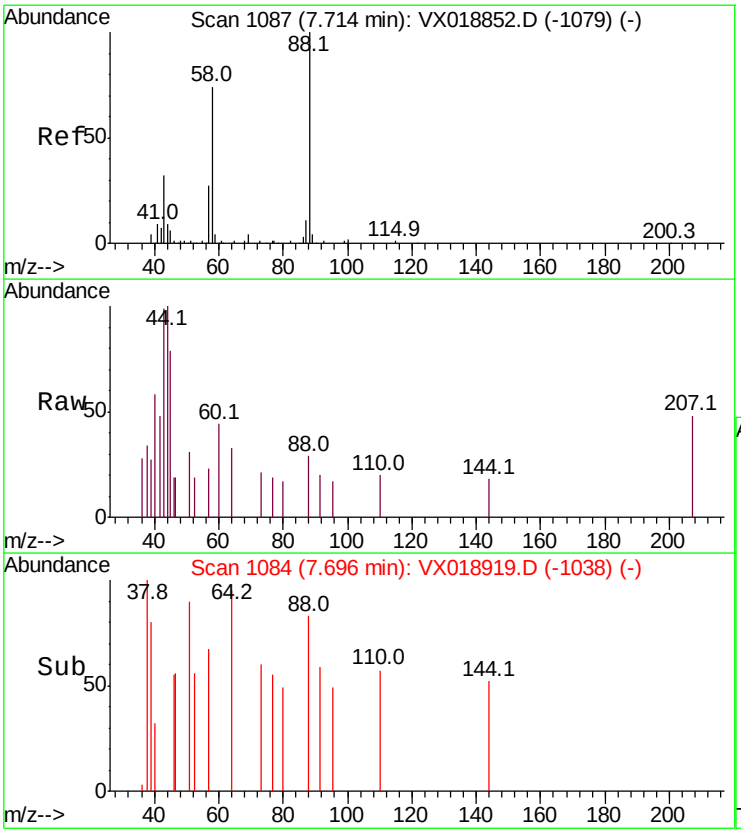
#38
Carbon Tetrachloride
Concen: 5.190 ug/l
RT: 5.64 min Scan# 746
Delta R.T. -0.12 min
Lab File: VX018919.D
Acq: 12 Oct 2020 21:17

Instrument :
MSVOA_X
ClientSampleId :
FIELD-BLANK

Tgt Ion:117 Resp: 25975

Ion	Ratio	Lower	Upper
117	100		
119	8.7	73.9	110.9#
121	0.0	23.6	35.4#

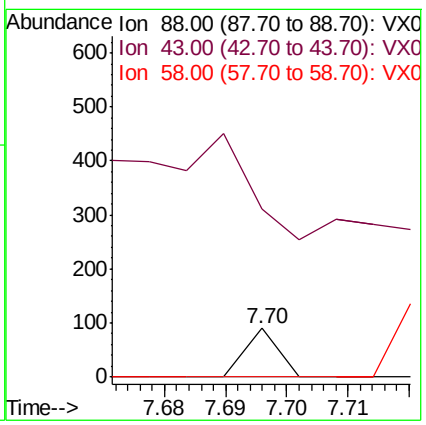


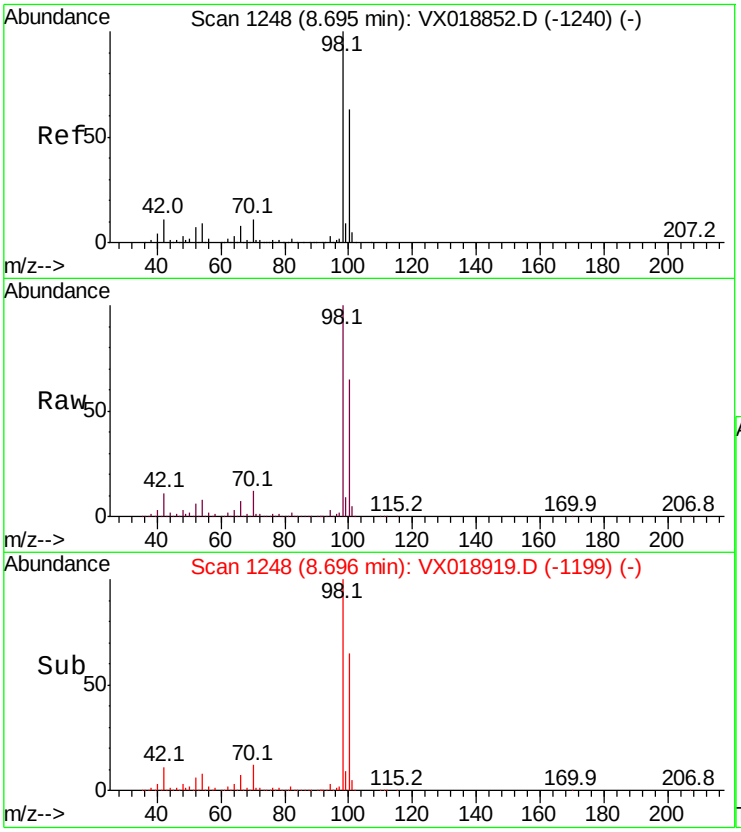


#49
1,4-Dioxane
Concen: 0.716 ug/l
RT: 7.70 min Scan# 1084
Delta R.T. -0.02 min
Lab File: VX018919.D
Acq: 12 Oct 2020 21:17

Tgt Ion: 88 Resp: 33

Ion	Ratio	Lower	Upper
88	100		
43	842.4	31.0	46.6#
58	0.0	59.3	88.9#



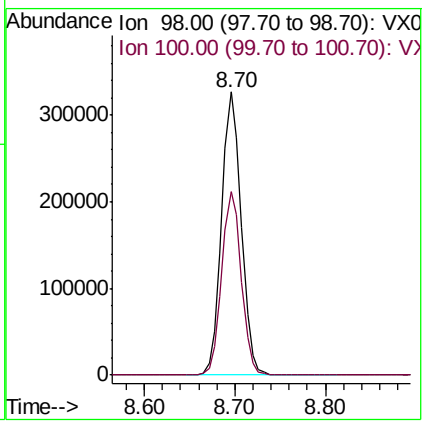


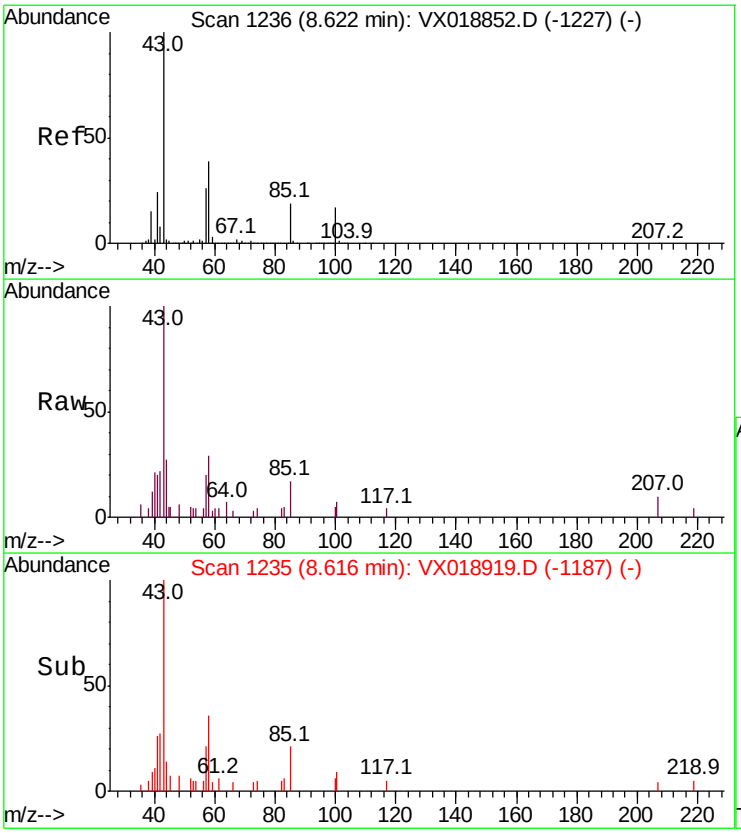
#50
Toluene-d8
Concen: 52.026 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX018919.D
Acq: 12 Oct 2020 21:17

Instrument :
MSVOA_X
ClientSampleId :
FIELD-BLANK

Tgt Ion: 98 Resp: 493959

Ion	Ratio	Lower	Upper
98	100		
100	64.7	53.1	79.7

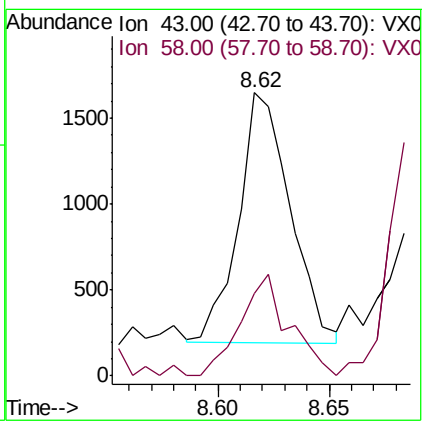


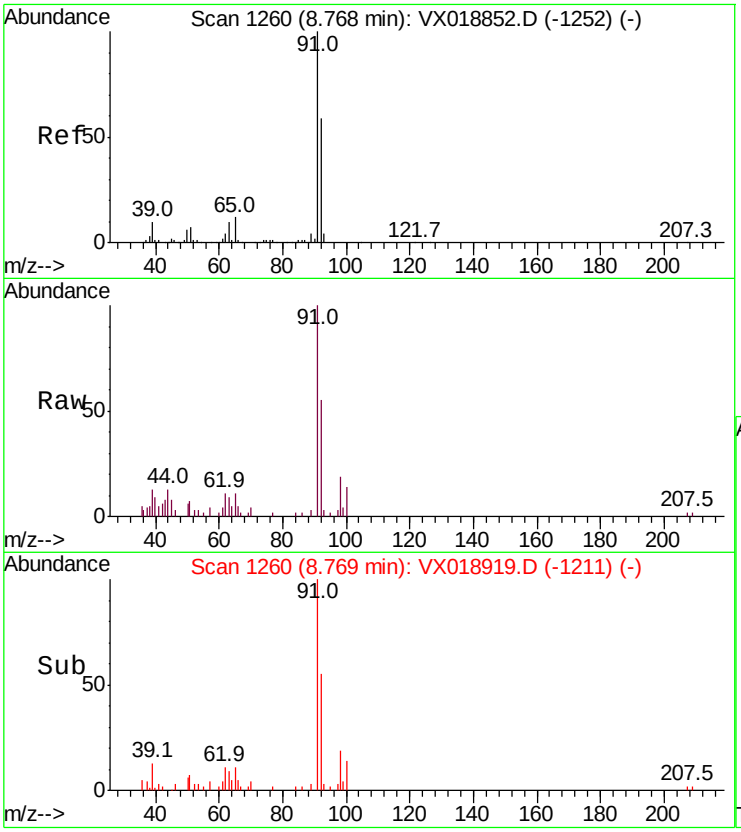


#51
4-Methyl-2-Pentanone
Concen: 0.622 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX018919.D
Acq: 12 Oct 2020 21:17

Tgt Ion: 43 Resp: 2353

Ion	Ratio	Lower	Upper
43	100		
58	38.3	30.9	46.3



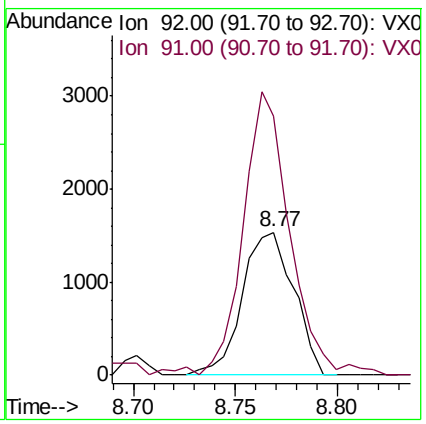


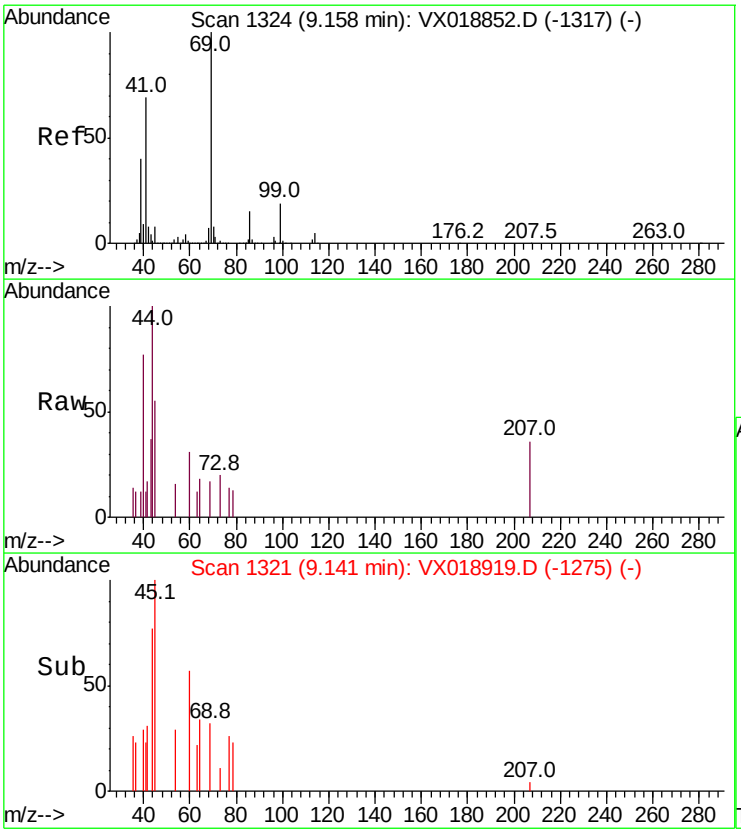
#52
Toluene
Concen: 0.388 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. 0.00 min
Lab File: VX018919.D
Acq: 12 Oct 2020 21:17

Instrument :
MSVOA_X
ClientSampleId :
FIELD-BLANK

Tgt Ion: 92 Resp: 2701

Ion	Ratio	Lower	Upper
92	100		
91	180.0	138.2	207.4

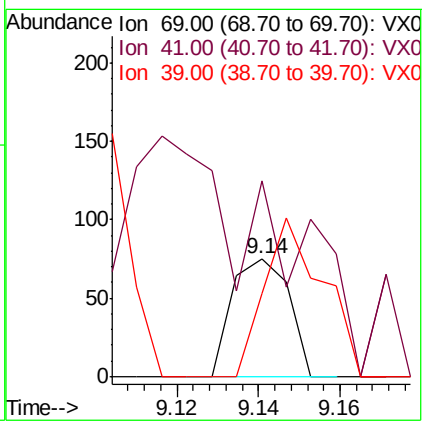


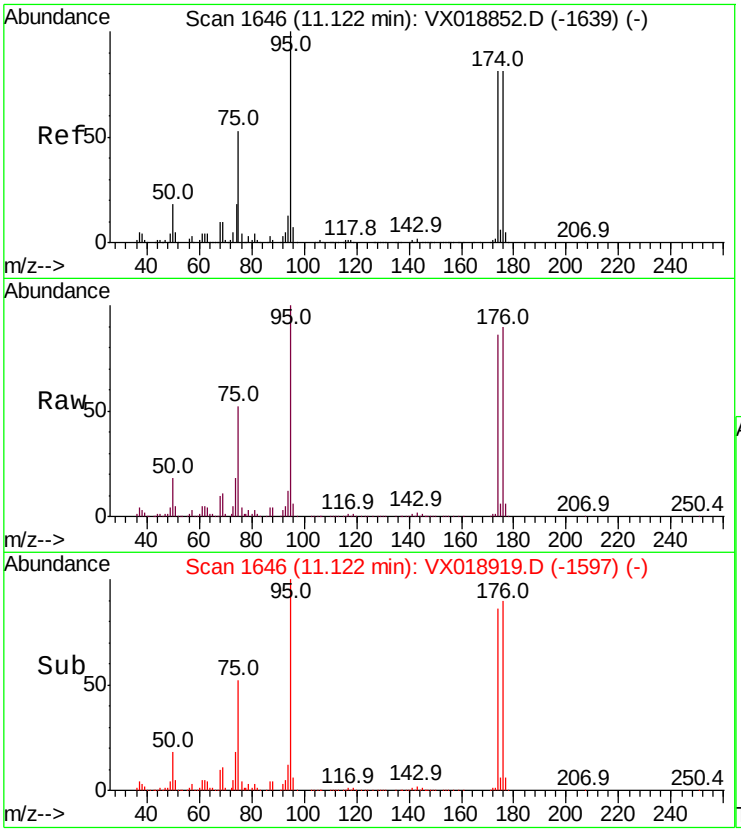


#56
Ethyl methacrylate
Concen: 2.950 ug/l
RT: 9.14 min Scan# 1321
Delta R.T. -0.02 min
Lab File: VX018919.D
Acq: 12 Oct 2020 21:17

Tgt Ion: 69 Resp: 73

Ion	Ratio	Lower	Upper
69	100		
41	0.0	54.6	81.8#
39	138.4	31.5	47.3#



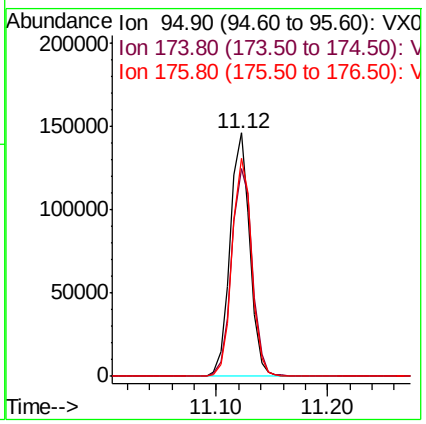


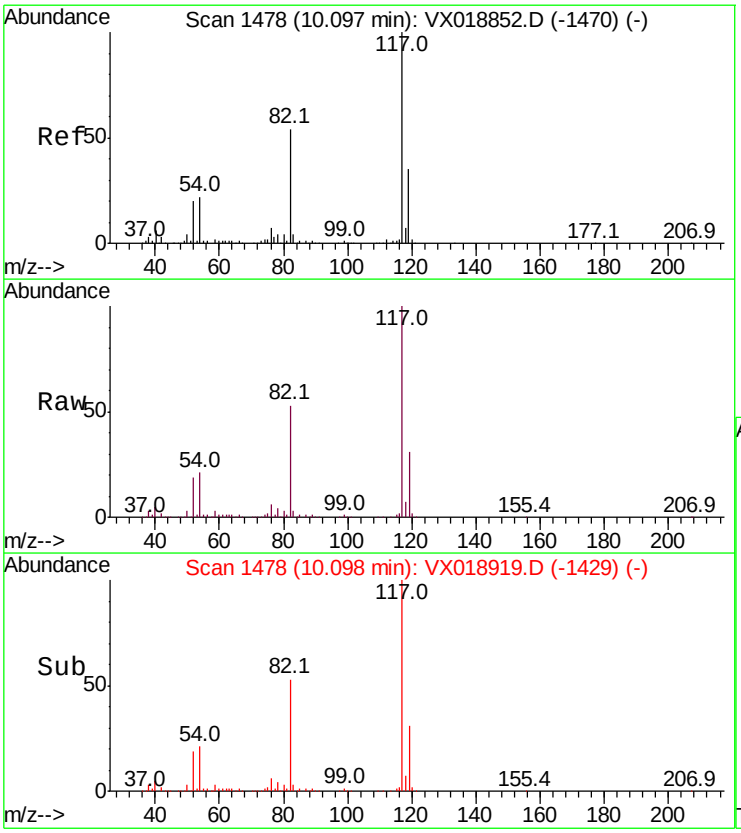
#62
4-Bromofluorobenzene
Concen: 47.163 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX018919.D
Acq: 12 Oct 2020 21:17

Instrument :
MSVOA_X
ClientSampleId :
FIELD-BLANK

Tgt Ion: 95 Resp: 178468

Ion	Ratio	Lower	Upper
95	100		
174	90.3	0.0	160.0
176	89.4	0.0	161.2

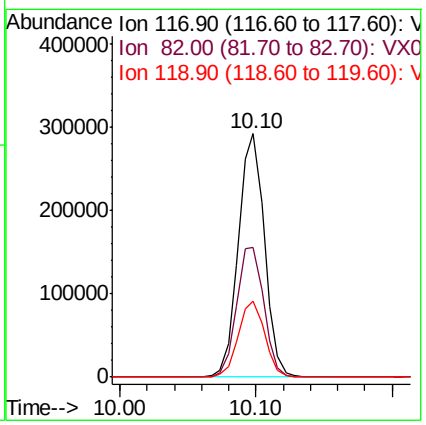


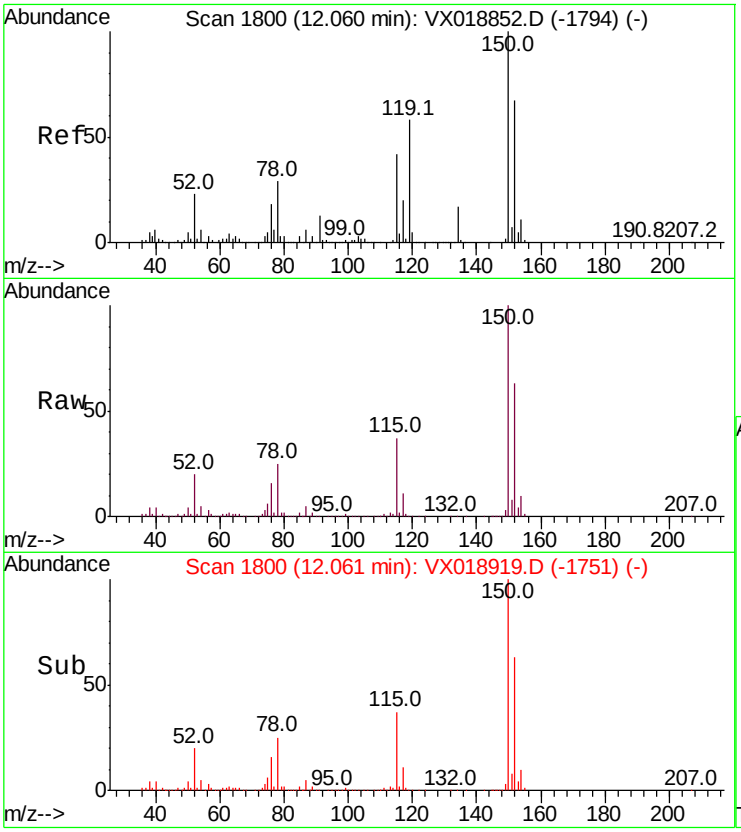


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018919.D
Acq: 12 Oct 2020 21:17

Tgt Ion:117 Resp: 390672

Ion	Ratio	Lower	Upper
117	100		
82	53.4	43.4	65.2
119	31.2	28.3	42.5



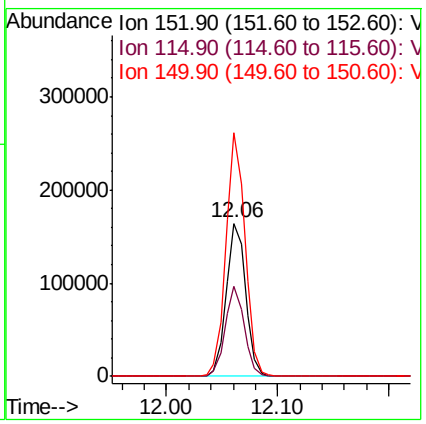


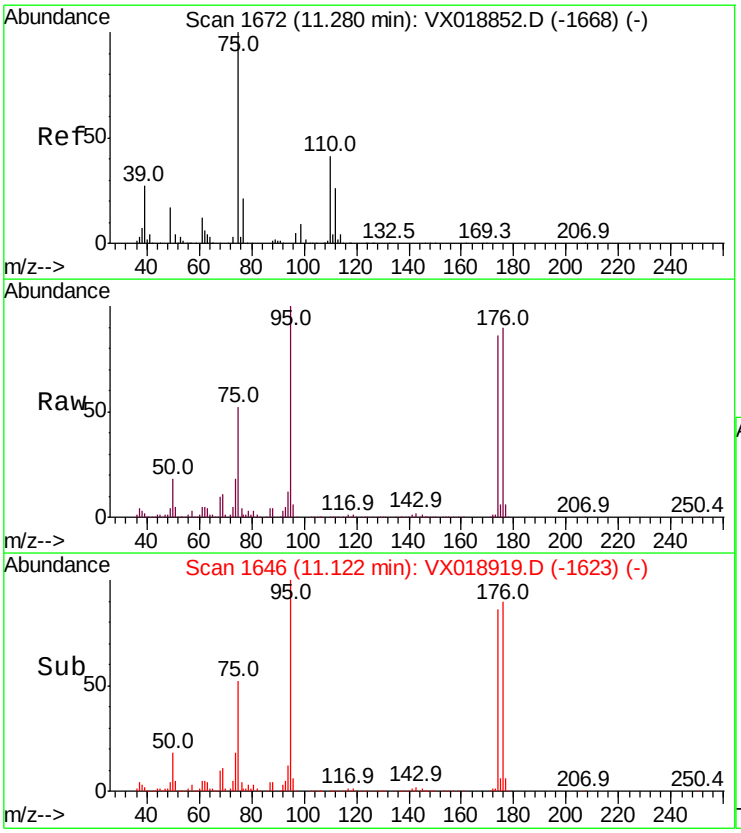
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX018919.D
Acq: 12 Oct 2020 21:17

Instrument :
MSVOA_X
ClientSampleId :
FIELD-BLANK

Tgt Ion:152 Resp: 197706

Ion	Ratio	Lower	Upper
152	100		
115	57.8	41.8	125.4
150	156.5	0.0	347.6

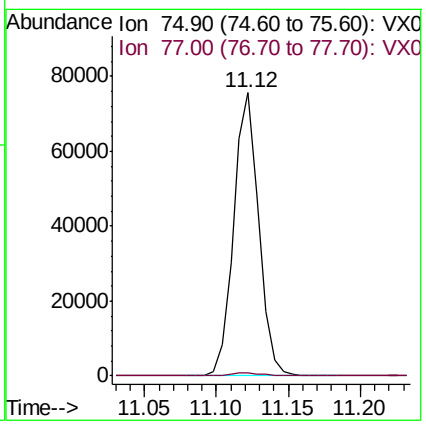


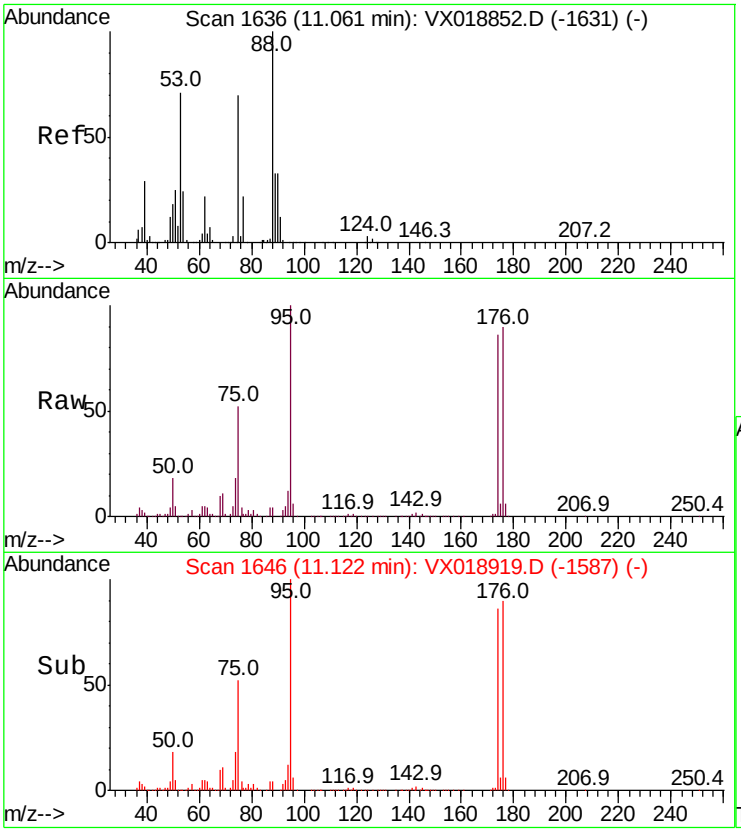


#76
1,2,3-Trichloropropane
Concen: 21.566 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX018919.D
Acq: 12 Oct 2020 21:17

Tgt Ion: 75 Resp: 91870

Ion	Ratio	Lower	Upper
75	100		
77	1.4	20.2	60.6#



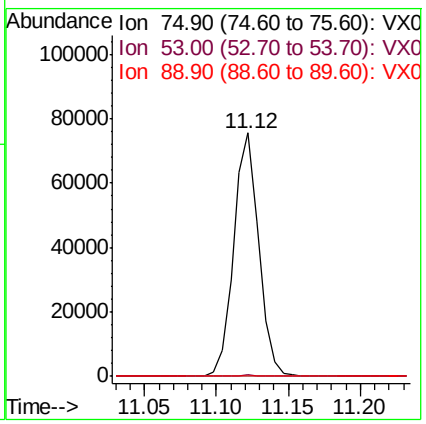


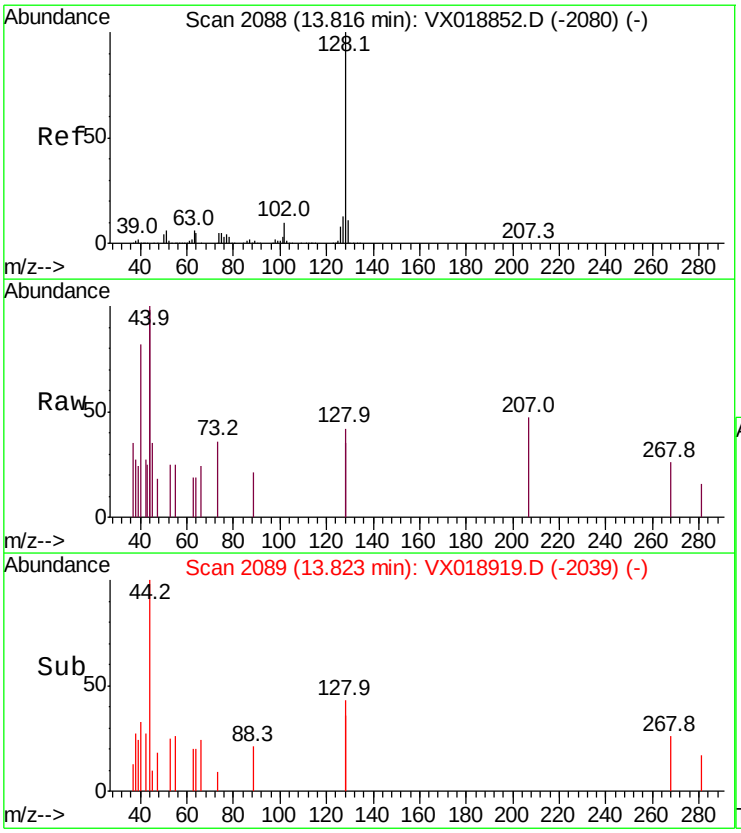
#81
trans-1,4-Dichloro-2-butene
Concen: 61.117 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.06 min
Lab File: VX018919.D
Acq: 12 Oct 2020 21:17

Instrument :
MSVOA_X
ClientSampleId :
FIELD-BLANK

Tgt Ion: 75 Resp: 91870

Ion	Ratio	Lower	Upper
75	100		
53	0.6	85.0	127.4#
89	0.0	39.0	58.4#





#95
Naphthalene
Concen: 3.092 ug/l
RT: 13.82 min Scan# 2089
Delta R.T. 0.01 min
Lab File: VX018919.D
Acq: 12 Oct 2020 21:17

Tgt Ion:128 Resp: 221

Ion	Ratio	Lower	Upper
128	100		
127	19.9	10.1	15.1#
129	0.0	8.6	13.0#