Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101220\
Data File : VX018909.D
Acq On : 12 Oct 2020 17:30
Operator : JC/SP
Sample : PB132255ZHE#01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PB132255ZHE#01

Quant Time: Oct 13 04:08:52 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	254319	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.83	114	417525	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.10	117	425499	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	213404	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.03	65	203571	54.27	ug/l		0.00
Spiked Amount 50.000			Recovery = 108.54%				
35) Dibromofluoromethane	5.46	113	153520	51.59	ug/l		0.00
Spiked Amount 50.000			Recovery = 103.18%				
50) Toluene-d8	8.70	98	511114	49.52	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.04%				
62) 4-Bromofluorobenzene	11.12	95	202029	49.11	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.22%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.19	85	48	1.634	ug/l	#	43
3) Chloromethane	1.31	50	651	0.273	ug/l	#	50
5) Bromomethane	1.65	94	499	0.336	ug/l		100
6) Chloroethane	1.72	64	385	0.216	ug/l	#	58
8) Diethyl Ether	2.16	74	309	1.237	ug/l		59
10) Methyl Iodide	2.48	142	108	4.029	ug/l	#	40
11) Tert butyl alcohol	3.00	59	2140	3.622	ug/l	#	83
12) 1,1-Dichloroethene	2.33	96	25	0.715	ug/l	#	43
13) Acrolein	2.28	56	197	0.401	ug/l		90
16) Acetone	2.42	43	11360	2.898	ug/l		99
18) Methyl Acetate	2.75	43	2887	0.926	ug/l		100
20) Methylene Chloride	2.84	84	5760	2.635	ug/l		91
25) 2-Butanone	4.67	43	2407	1.185	ug/l	#	67
28) Bromochloromethane	4.98	49	58	1.546	ug/l	#	8
29) Tetrahydrofuran	5.12	42	864	0.793	ug/l		92
36) 1,1-Dichloropropene	5.63	75	20357	4.637	ug/l	#	51
38) Carbon Tetrachloride	5.63	117	27411	5.038	ug/l	#	19
43) Isopropyl Acetate	6.41	43	71586	10.161	ug/l		99
48) Methyl methacrylate	7.65	41	5109	1.429	ug/l	#	15
49) 1,4-Dioxane	7.73	88	75	1.496	ug/l	#	1
51) 4-Methyl-2-Pentanone	8.59	43	63196	15.369	ug/l	#	47
54) cis-1,3-Dichloropropene	8.59	75	27210	5.112	ug/l	#	61
56) Ethyl methacrylate	9.28	69	2117	3.354	ug/l	#	1
57) 1,3-Dichloropropane	9.52	76	5315	1.008	ug/l	#	43
59) 2-Hexanone	9.42	43	61760	19.714	ug/l	#	25
64) Tetrachloroethene	9.32	164	61	Below Cal		#	13
74) N-amyl acetate	10.81	43	3010	0.545	ug/l	#	51
76) 1,2,3-Trichloropropane	11.12	75	106397	23.139	ug/l	#	37
80) 1,3,5-Trimethylbenzene	11.49	105	3741	0.313	ug/l		100
81) trans-1,4-Dichloro-2-buten	11.12	75	106397	65.575	ug/l	#	7
95) Naphthalene	13.82	128	281	3.095	ug/l	#	70

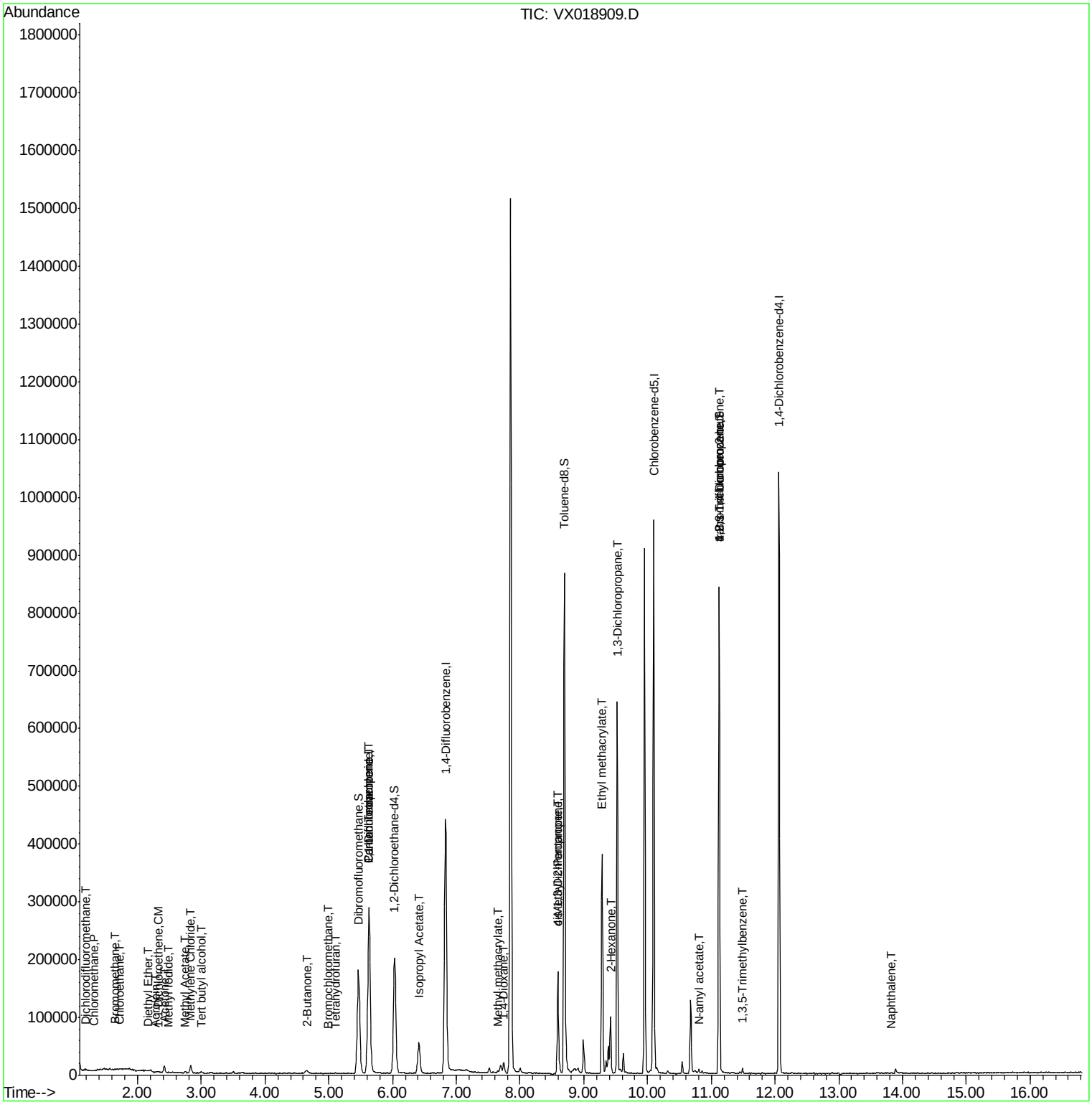
(#) = qualifier out of range (m) = manual integration (+) = signals summed

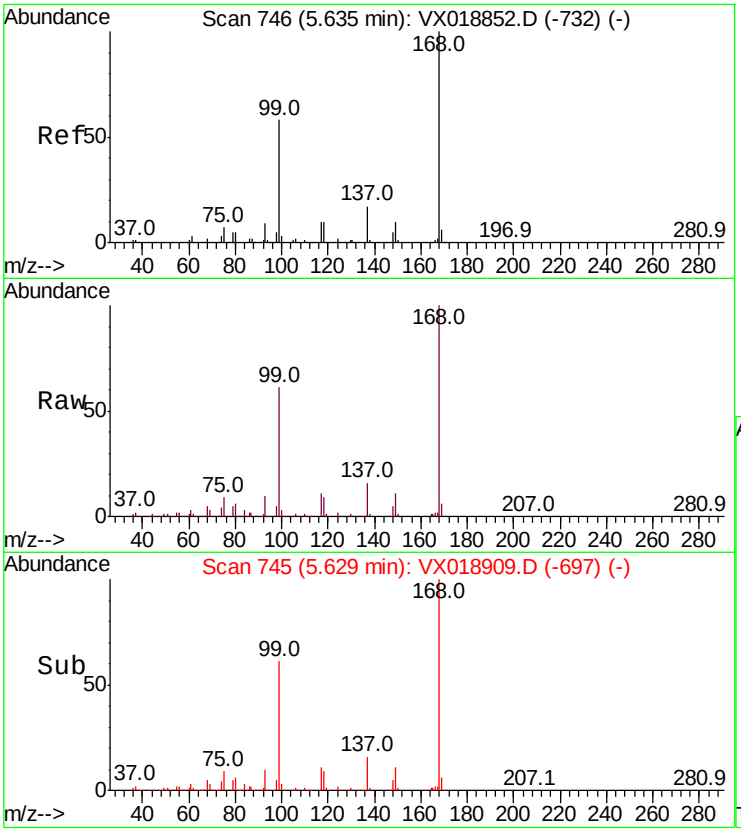
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101220\
Data File : VX018909.D
Acq On : 12 Oct 2020 17:30
Operator : JC/SP
Sample : PB132255ZHE#01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB132255ZHE#01

Quant Time: Oct 13 04:08:52 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



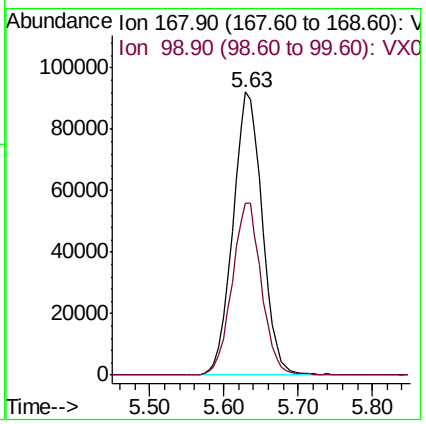


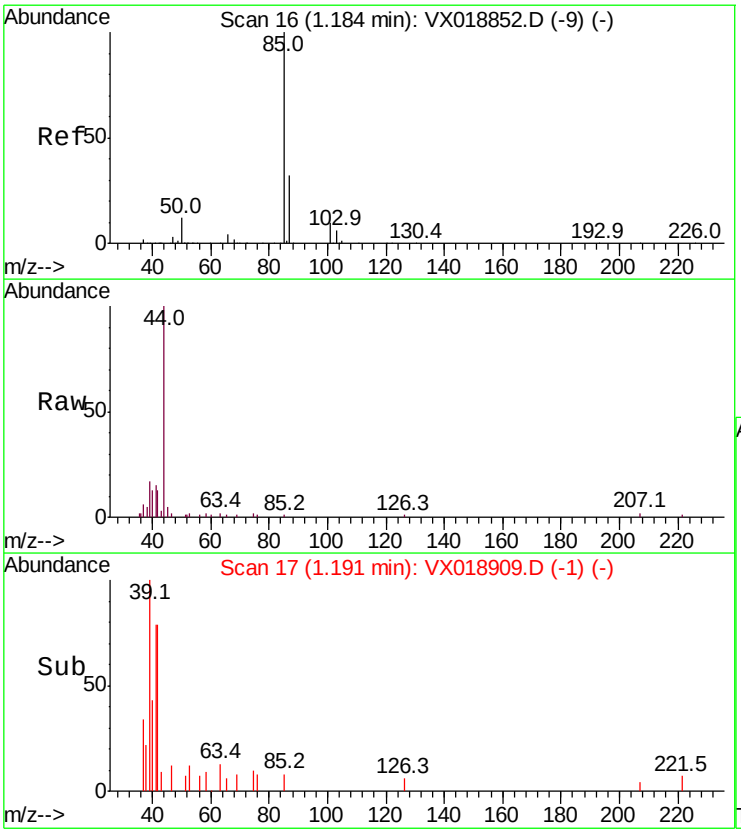
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.01 min
Lab File: VX018909.D
Acq: 12 Oct 2020 17:30

Instrument :
MSVOA_X
ClientSampleId :
PB132255ZHE#01

Tgt Ion:168 Resp: 254319

Ion	Ratio	Lower	Upper
168	100		
99	60.9	46.1	69.1

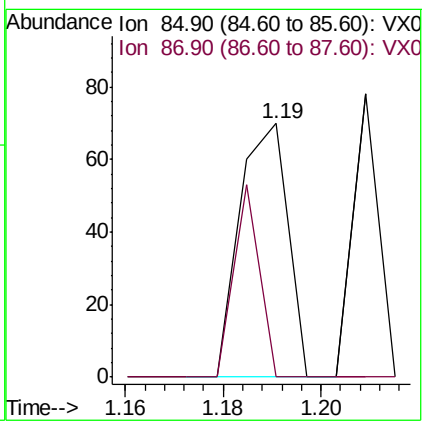


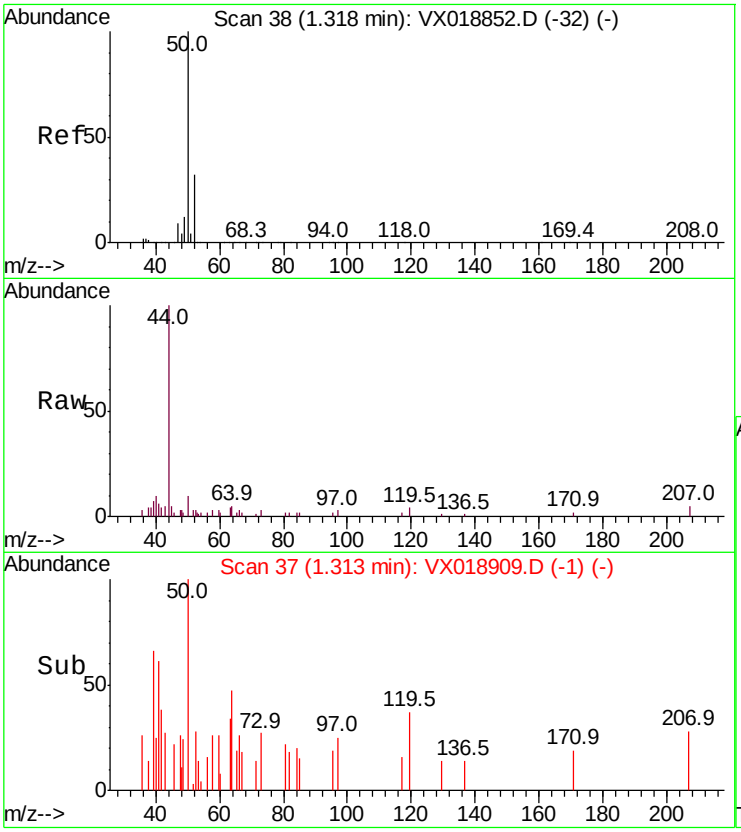


#2
Dichlorodifluoromethane
Concen: 1.634 ug/l
RT: 1.19 min Scan# 17
Delta R.T. 0.01 min
Lab File: VX018909.D
Acq: 12 Oct 2020 17:30

Tgt Ion: 85 Resp: 48

Ion	Ratio	Lower	Upper
85	100		
87	0.0	15.9	47.7#

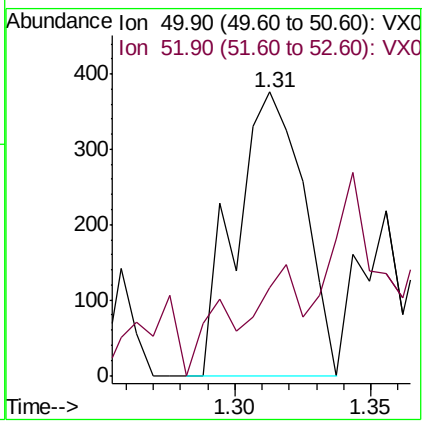




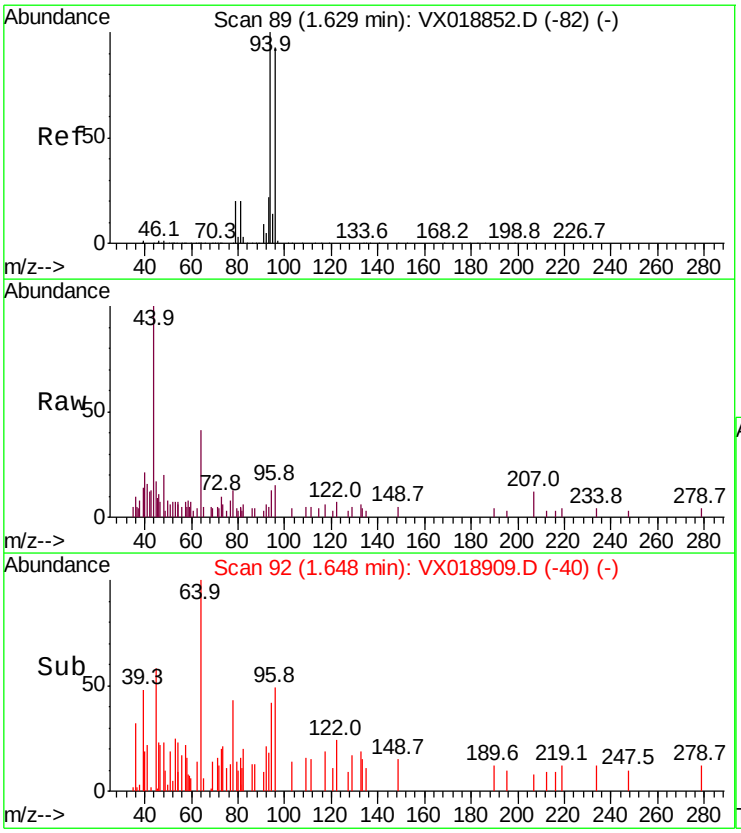
#3
Chloromethane
Concen: 0.273 ug/l
RT: 1.31 min Scan# 37
Delta R.T. -0.01 min
Lab File: VX018909.D
Acq: 12 Oct 2020 17:30

Tgt Ion: 50 Resp: 651

Ion	Ratio	Lower	Upper
50	100		
52	59.0	25.2	37.8#



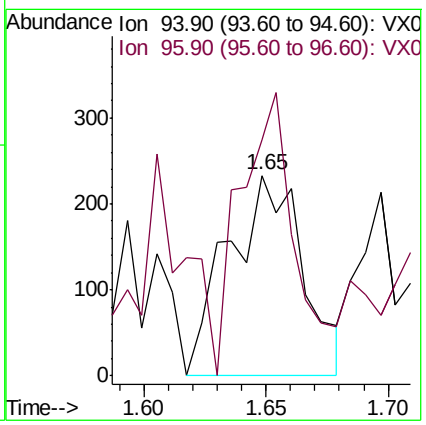
Instrument :
MSVOA_X
ClientSampleId :
PB132255ZHE#01

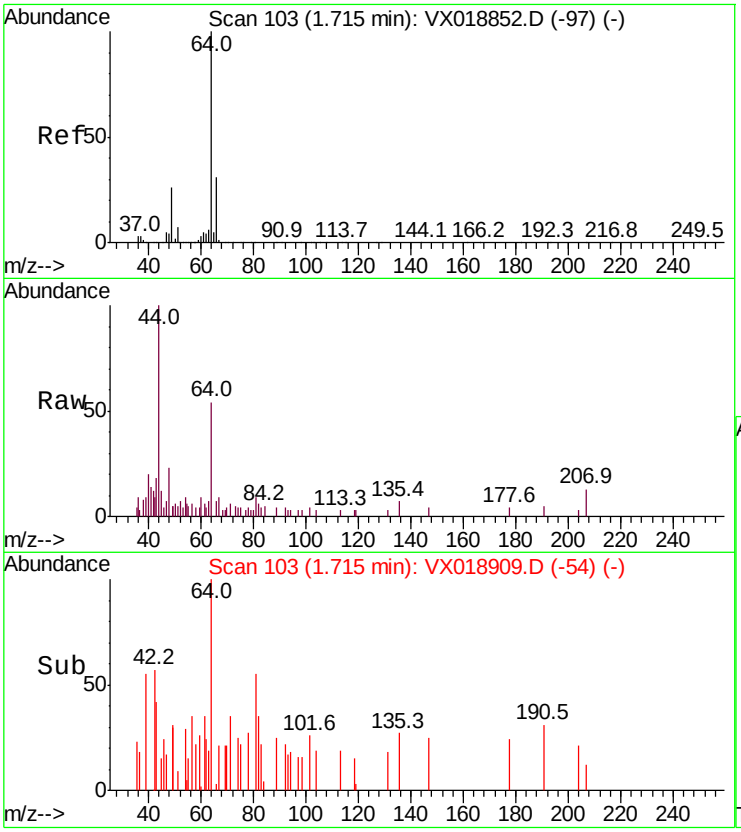


#5
Bromomethane
Concen: 0.336 ug/l
RT: 1.65 min Scan# 92
Delta R.T. 0.02 min
Lab File: VX018909.D
Acq: 12 Oct 2020 17:30

Tgt Ion: 94 Resp: 499

Ion	Ratio	Lower	Upper
94	100		
96	93.6	74.5	111.7



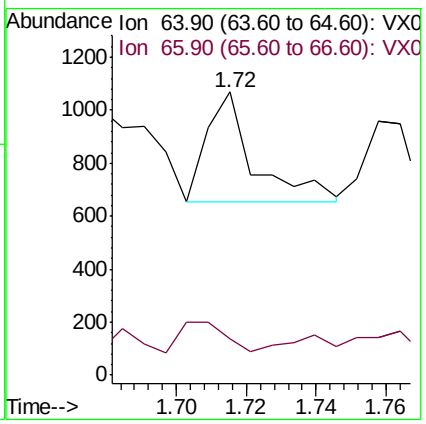


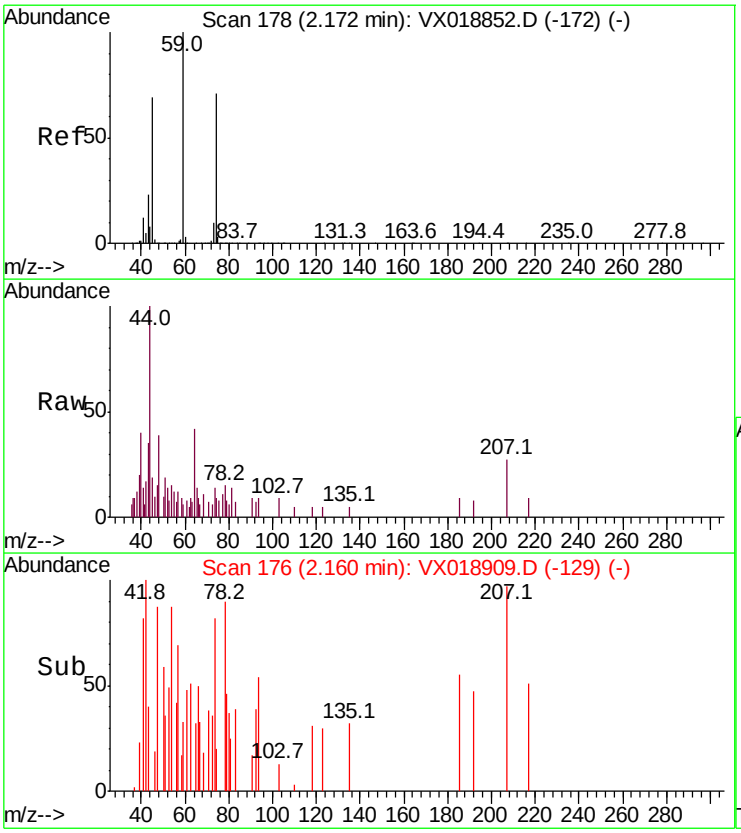
#6
Chloroethane
Concen: 0.216 ug/l
RT: 1.72 min Scan# 103
Delta R.T. 0.00 min
Lab File: VX018909.D
Acq: 12 Oct 2020 17:30

Instrument :
MSVOA_X
ClientSampleId :
PB132255ZHE#01

Tgt Ion: 64 Resp: 385

Ion	Ratio	Lower	Upper
64	100		
66	7.7	24.7	37.1#

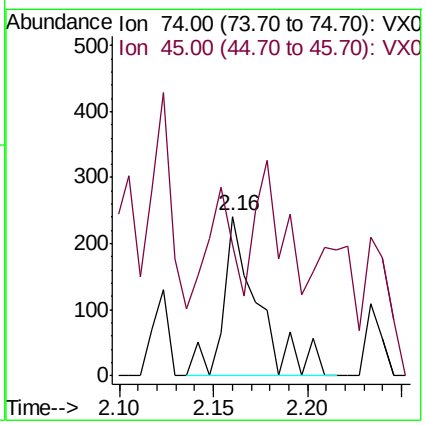


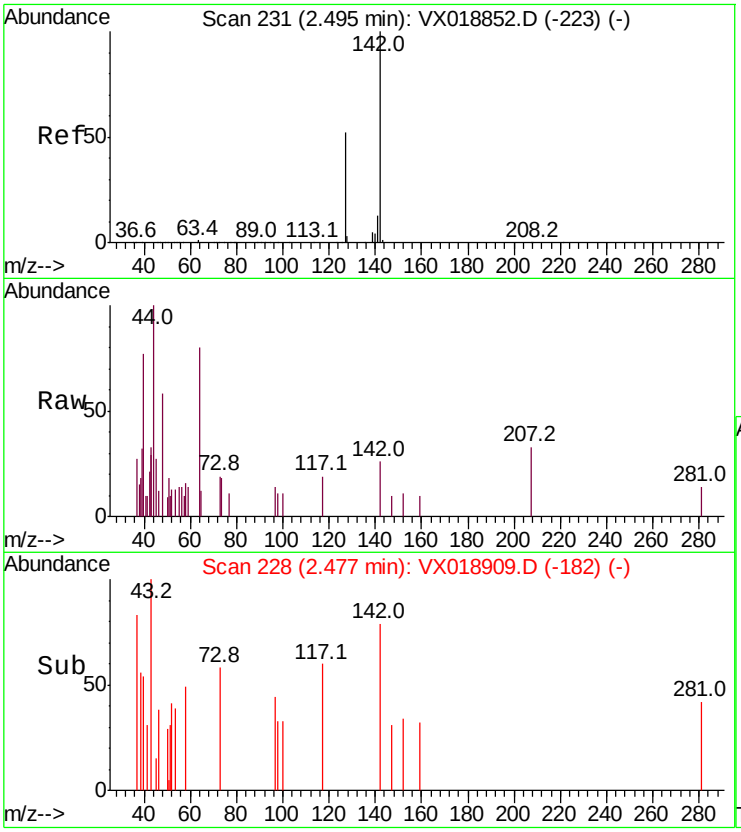


#8
Diethyl Ether
Concen: 1.237 ug/l
RT: 2.16 min Scan# 176
Delta R.T. -0.01 min
Lab File: VX018909.D
Acq: 12 Oct 2020 17:30

Tgt Ion: 74 Resp: 309

Ion	Ratio	Lower	Upper
74	100		
45	54.4	47.0	141.2



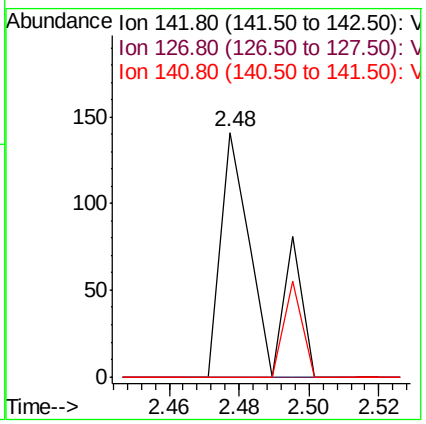


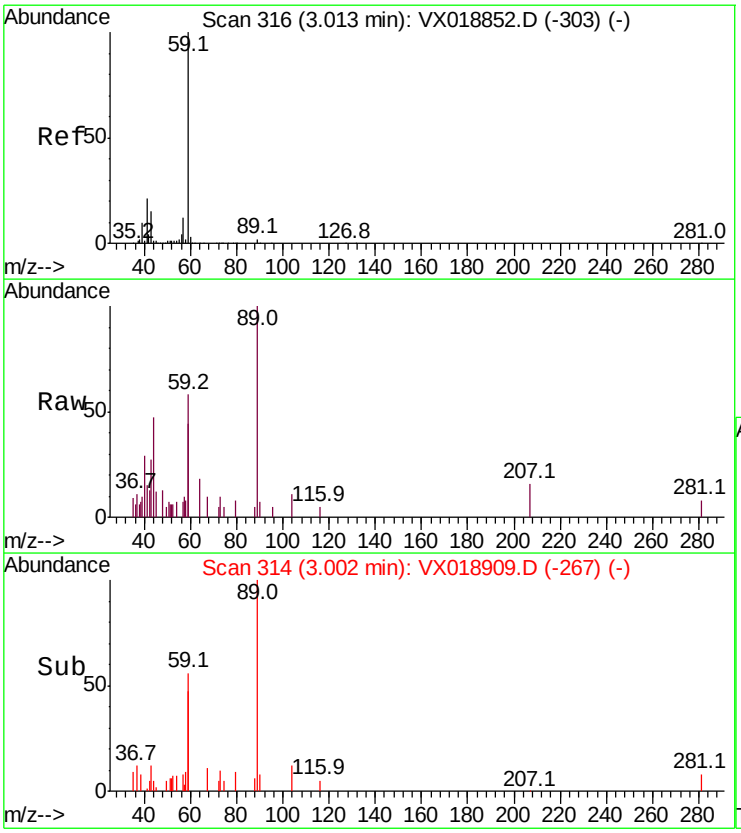
#10
Methyl Iodide
Concen: 4.029 ug/l
RT: 2.48 min Scan# 228
Delta R.T. -0.02 min
Lab File: VX018909.D
Acq: 12 Oct 2020 17:30

Instrument : MSVOA_X
ClientSampleId : PB132255ZHE#01

Tgt Ion:142 Resp: 108

Ion	Ratio	Lower	Upper
142	100		
127	0.0	42.0	63.0#
141	18.5	11.8	17.6#

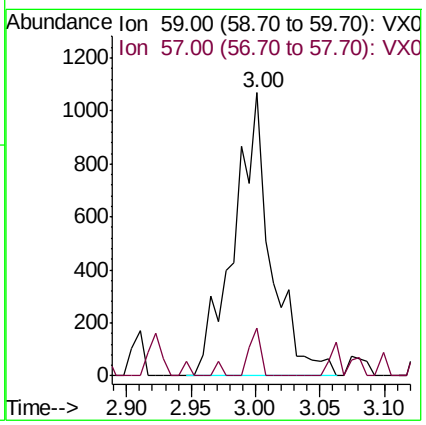


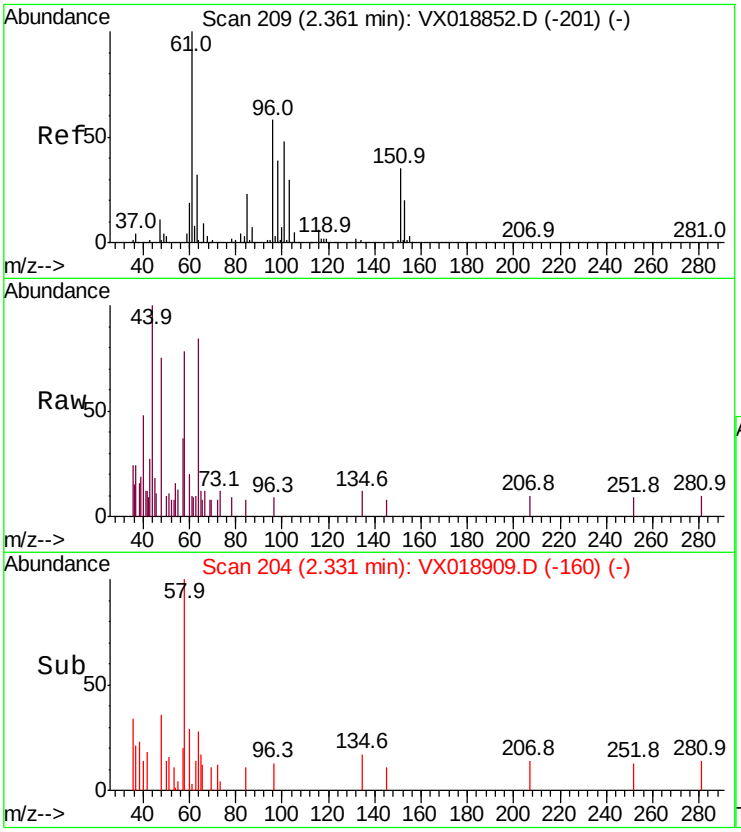


#11
Tert butyl alcohol
Concen: 3.622 ug/l
RT: 3.00 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX018909.D
Acq: 12 Oct 2020 17:30

Tgt Ion: 59 Resp: 2140

Ion	Ratio	Lower	Upper
59	100		
57	4.9	9.0	13.6#



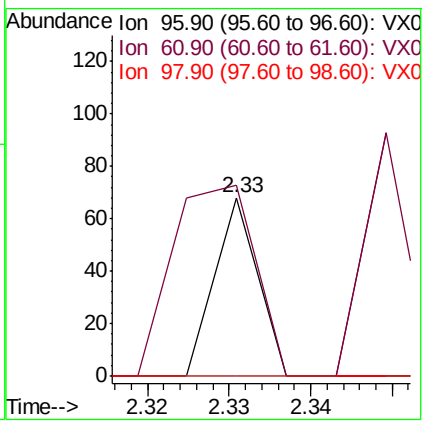


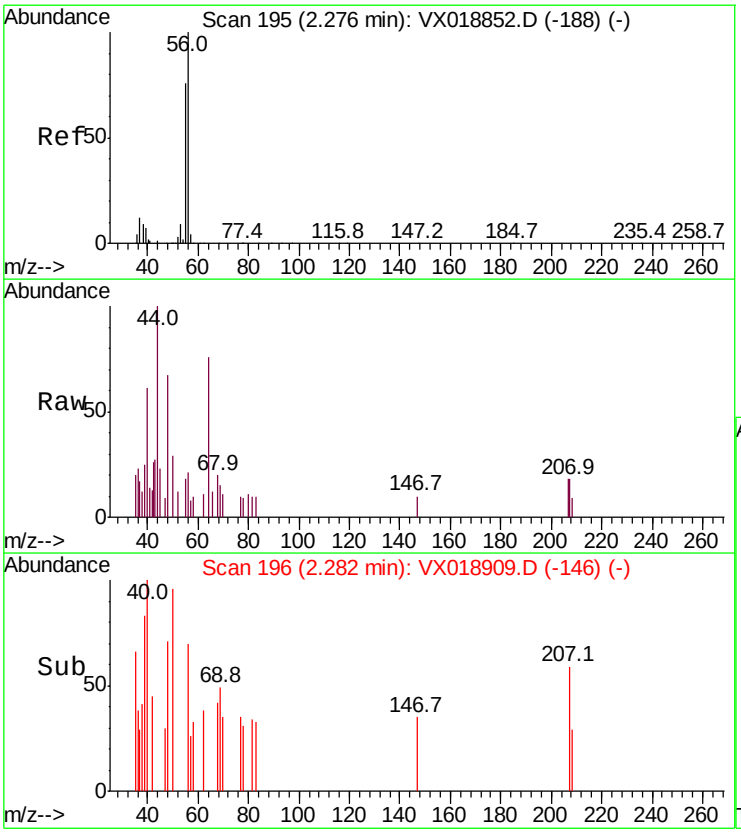
#12
1,1-Dichloroethene
Concen: 0.715 ug/l
RT: 2.33 min Scan# 204
Delta R.T. -0.03 min
Lab File: VX018909.D
Acq: 12 Oct 2020 17:30

Instrument : MSVOA_X
ClientSampleId : PB132255ZHE#01

Tgt Ion: 96 Resp: 25

Ion	Ratio	Lower	Upper
96	100		
61	107.4	137.0	205.6#
98	0.0	53.9	80.9#

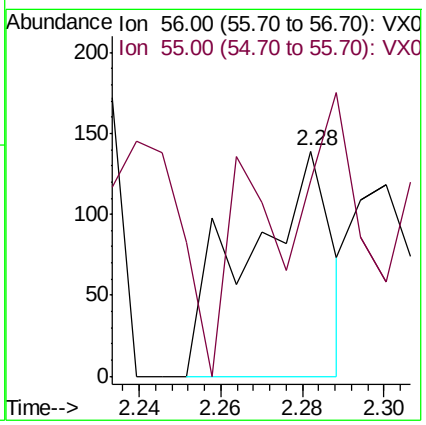


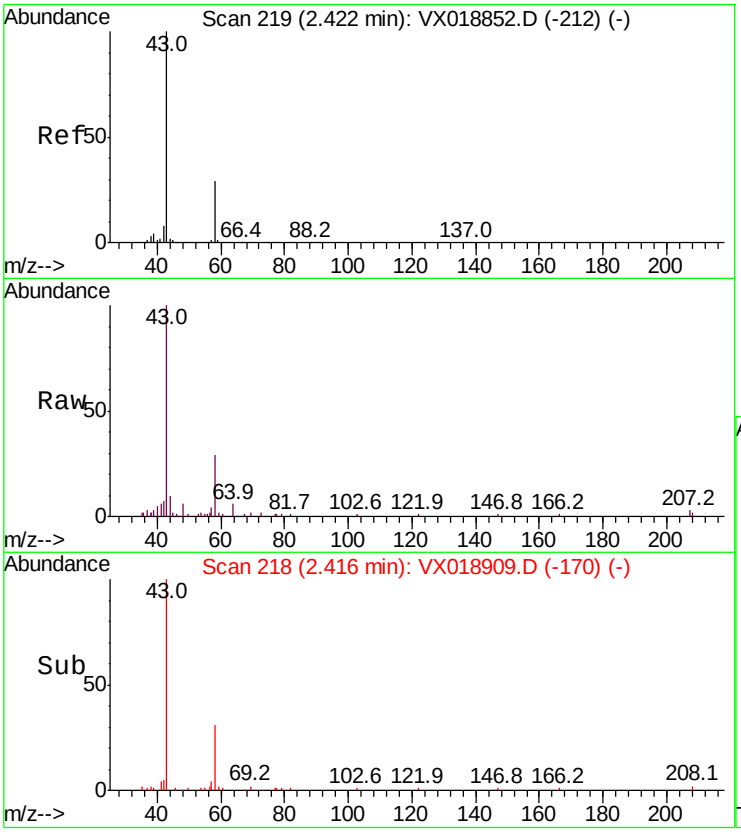


#13
Acrolein
Concen: 0.401 ug/l
RT: 2.28 min Scan# 196
Delta R.T. 0.01 min
Lab File: VX018909.D
Acq: 12 Oct 2020 17:30

Tgt Ion: 56 Resp: 197

Ion	Ratio	Lower	Upper
56	100		
55	81.7	58.6	87.8



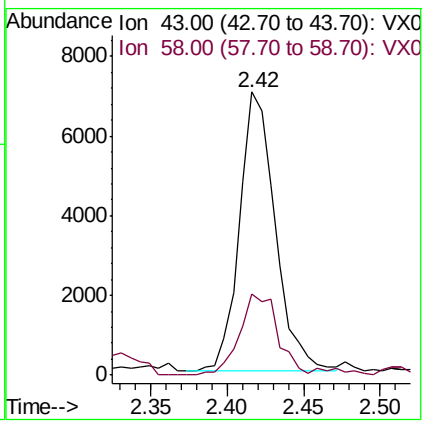


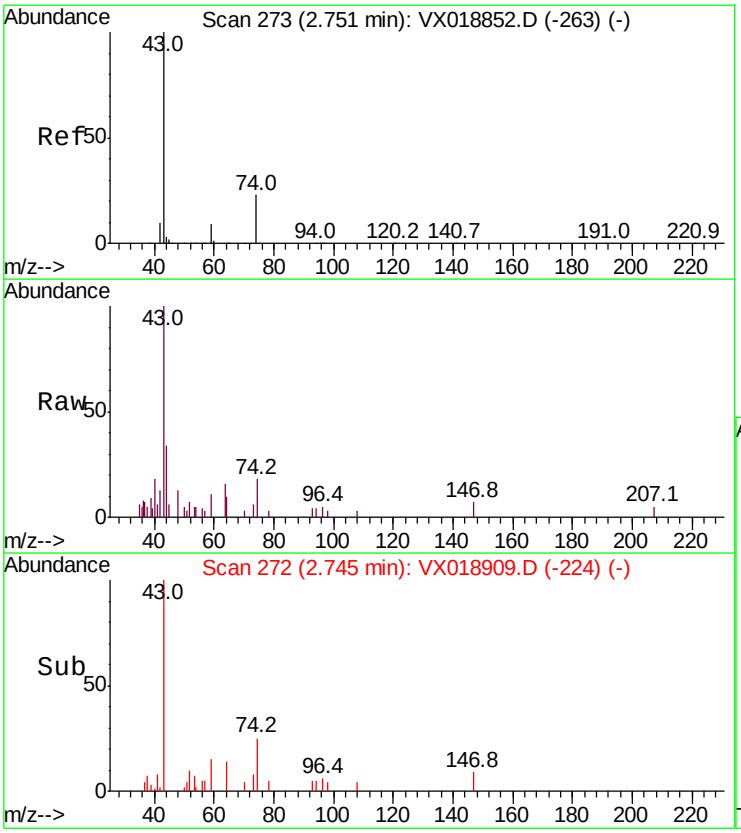
#16
Acetone
Concen: 2.898 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.00 min
Lab File: VX018909.D
Acq: 12 Oct 2020 17:30

Instrument :
MSVOA_X
ClientSampleId :
PB132255ZHE#01

Tgt Ion: 43 Resp: 11360

Ion	Ratio	Lower	Upper
43	100		
58	29.3	23.0	34.4

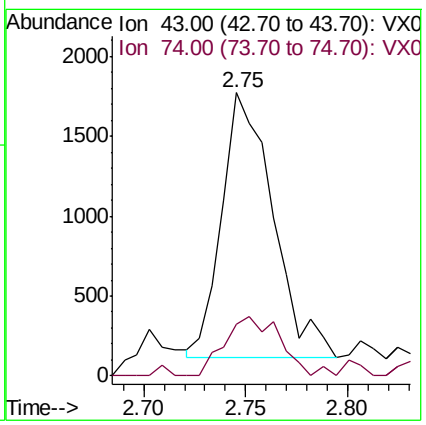


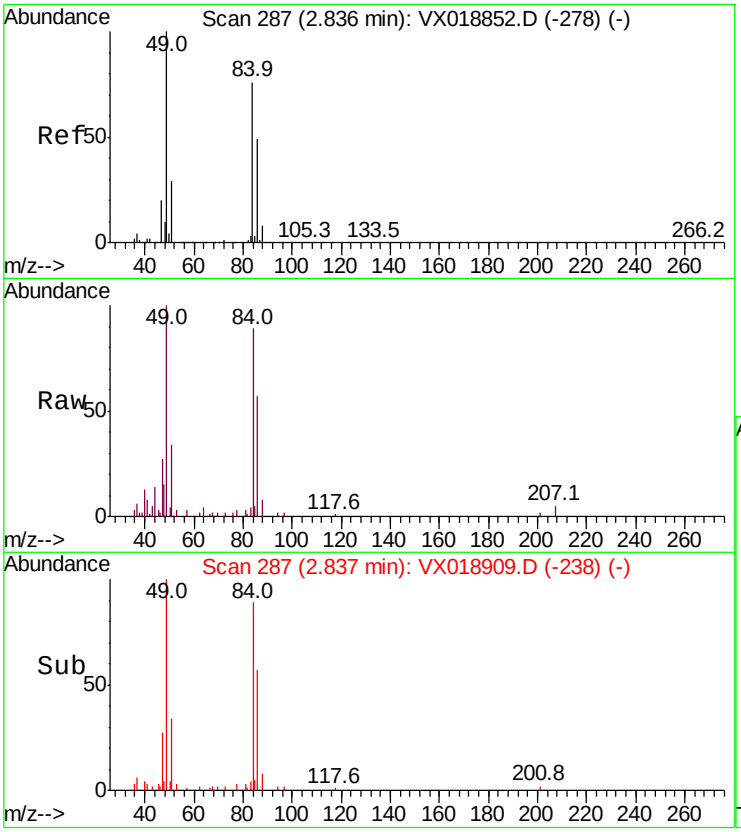


#18
Methyl Acetate
Concen: 0.926 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX018909.D
Acq: 12 Oct 2020 17:30

Tgt Ion: 43 Resp: 2887

Ion	Ratio	Lower	Upper
43	100		
74	23.7	18.9	28.3



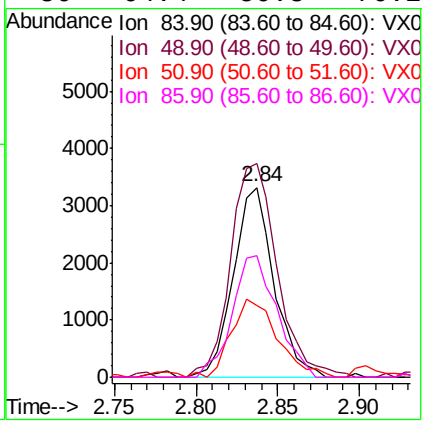


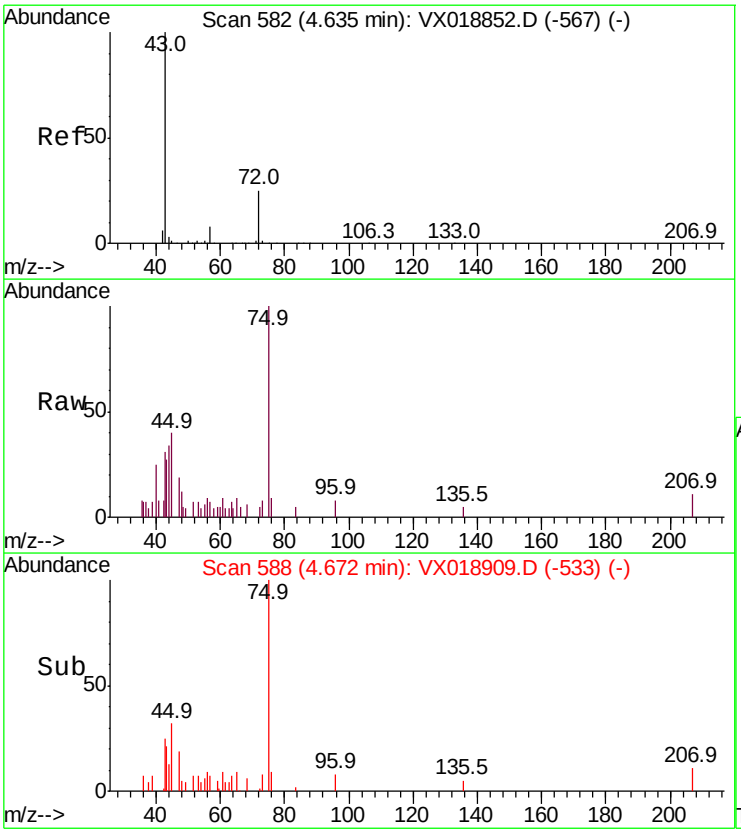
#20
Methylene Chloride
Concen: 2.635 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX018909.D
Acq: 12 Oct 2020 17:30

Instrument : MSVOA_X
ClientSampleId : PB132255ZHE#01

Tgt Ion: 84 Resp: 5760

Ion	Ratio	Lower	Upper
84	100		
49	112.5	104.8	157.2
51	37.8	30.6	46.0
86	64.4	50.8	76.2

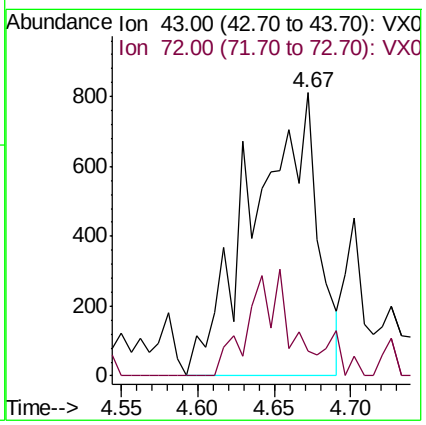


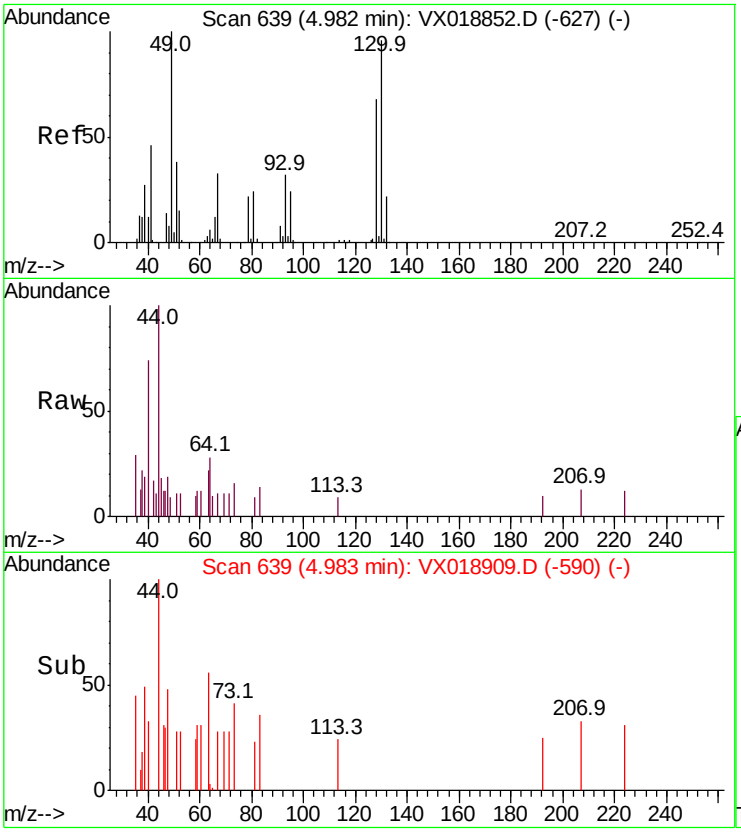


#25
2-Butanone
Concen: 1.185 ug/l
RT: 4.67 min Scan# 588
Delta R.T. 0.04 min
Lab File: VX018909.D
Acq: 12 Oct 2020 17:30

Tgt Ion: 43 Resp: 2407

Ion	Ratio	Lower	Upper
43	100		
72	8.9	20.2	30.4#



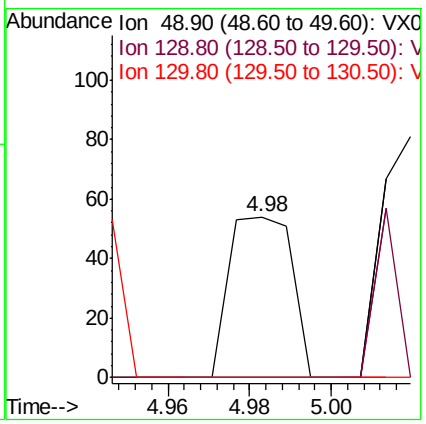


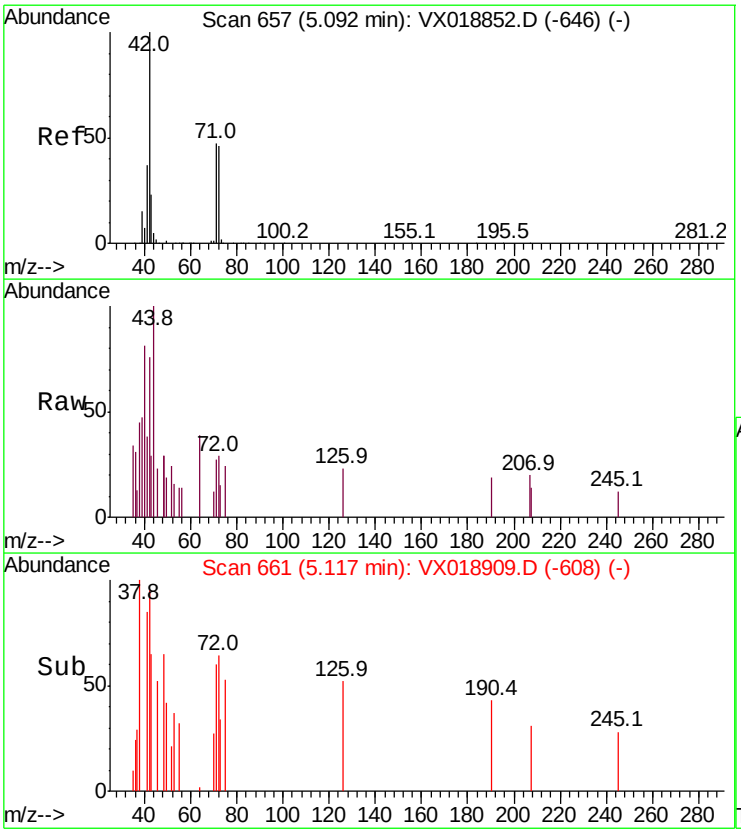
#28
Bromochloromethane
Concen: 1.546 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX018909.D
Acq: 12 Oct 2020 17:30

Instrument :
MSVOA_X
ClientSampleId :
PB132255ZHE#01

Tgt Ion: 49 Resp: 58

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

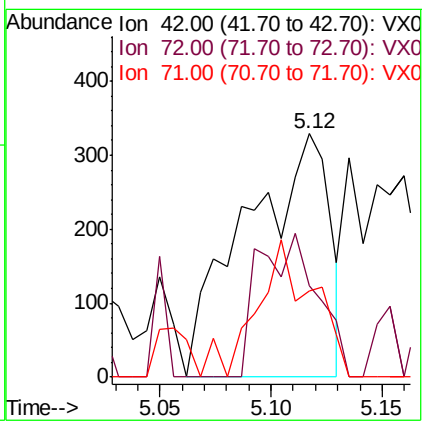


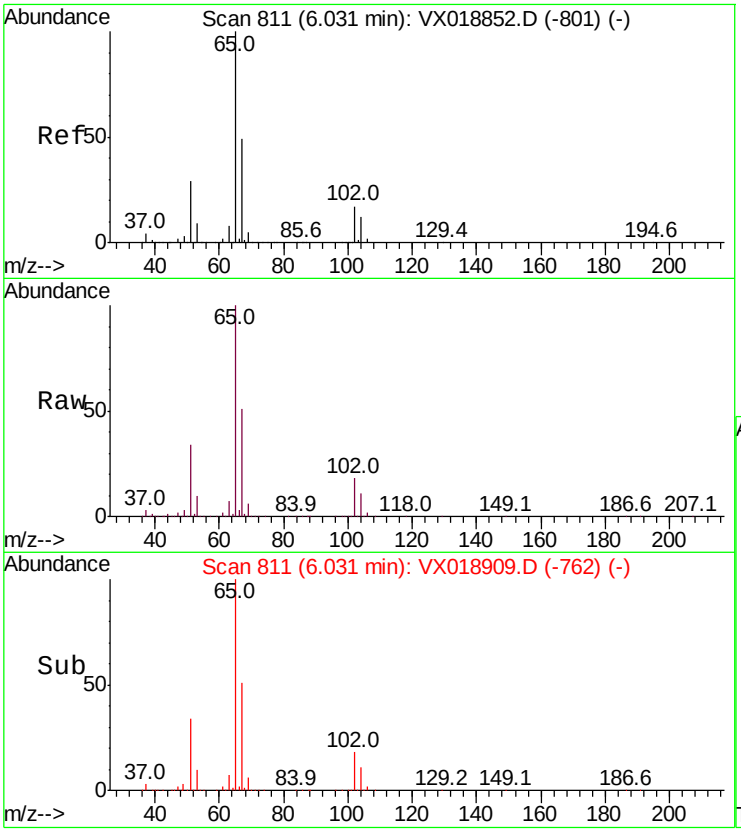


#29
Tetrahydrofuran
Concen: 0.793 ug/l
RT: 5.12 min Scan# 661
Delta R.T. 0.02 min
Lab File: VX018909.D
Acq: 12 Oct 2020 17:30

Tgt Ion: 42 Resp: 864

Ion	Ratio	Lower	Upper
42	100		
72	41.0	36.4	54.6
71	38.2	35.2	52.8



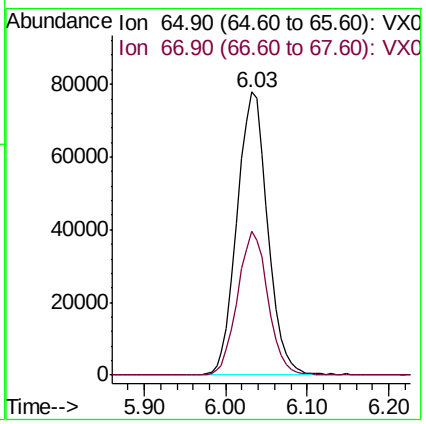


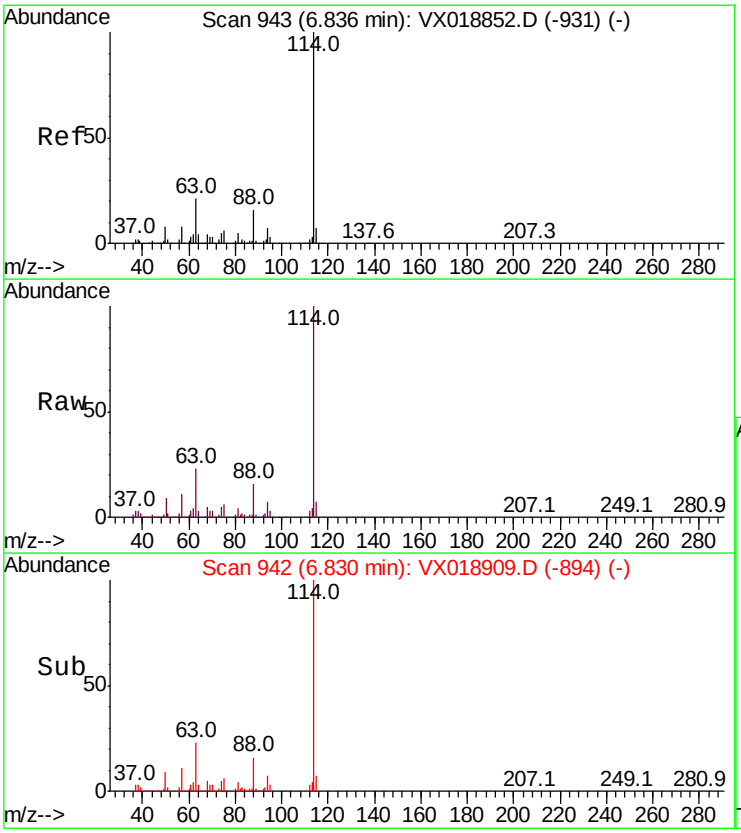
#33
1,2-Dichloroethane-d4
Concen: 54.272 ug/l
RT: 6.03 min Scan# 811
Delta R.T. 0.00 min
Lab File: VX018909.D
Acq: 12 Oct 2020 17:30

Instrument :
MSVOA_X
ClientSampleId :
PB132255ZHE#01

Tgt Ion: 65 Resp: 203571

Ion	Ratio	Lower	Upper
65	100		
67	50.4	0.0	97.0

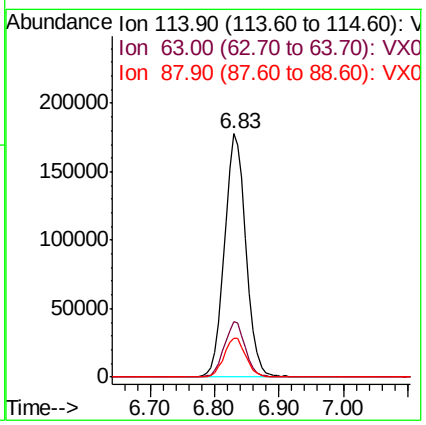


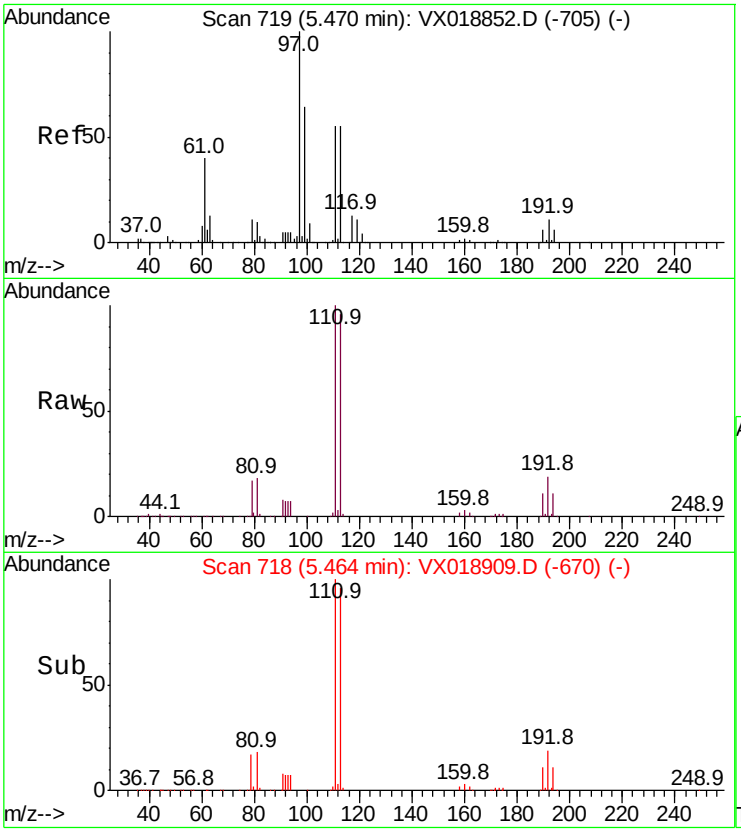


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. -0.01 min
Lab File: VX018909.D
Acq: 12 Oct 2020 17:30

Tgt Ion:114 Resp: 417525

Ion	Ratio	Lower	Upper
114	100		
63	22.7	0.0	42.4
88	16.0	0.0	32.6



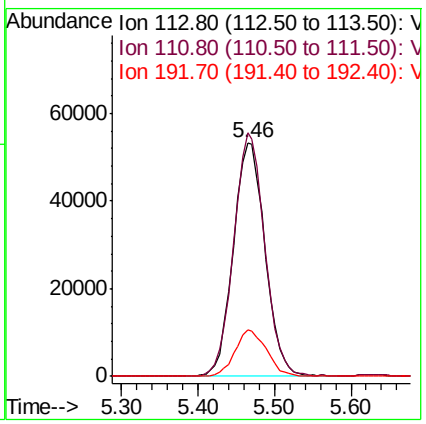


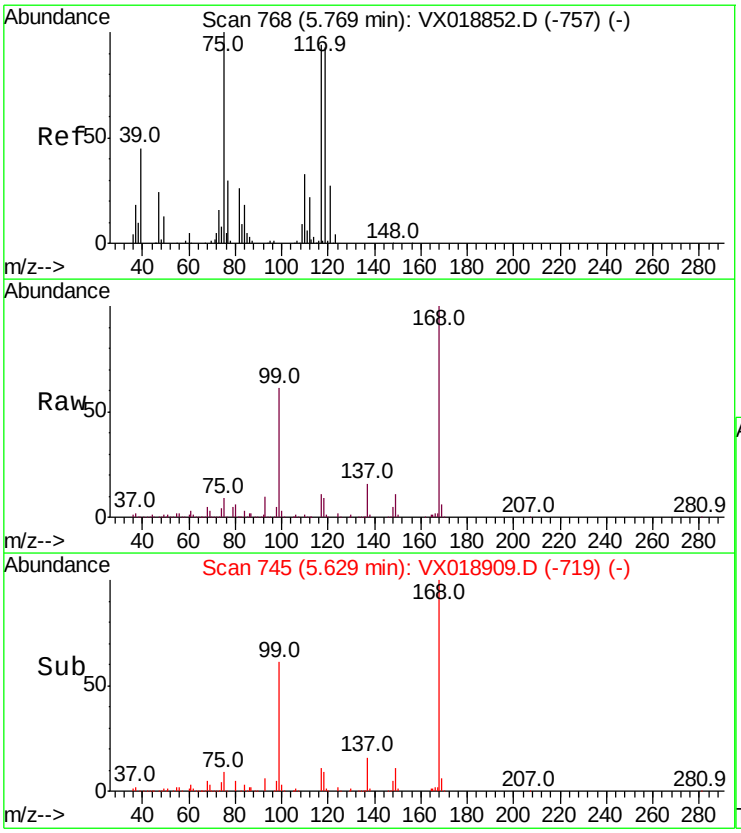
#35
Dibromofluoromethane
Concen: 51.594 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX018909.D
Acq: 12 Oct 2020 17:30

Instrument :
MSVOA_X
ClientSampleId :
PB132255ZHE#01

Tgt Ion:113 Resp: 153520

Ion	Ratio	Lower	Upper
113	100		
111	101.8	80.1	120.1
192	19.8	16.0	24.0

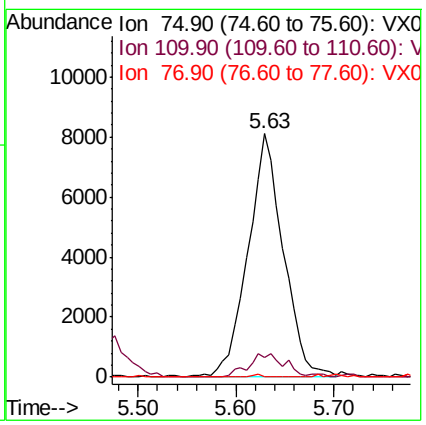


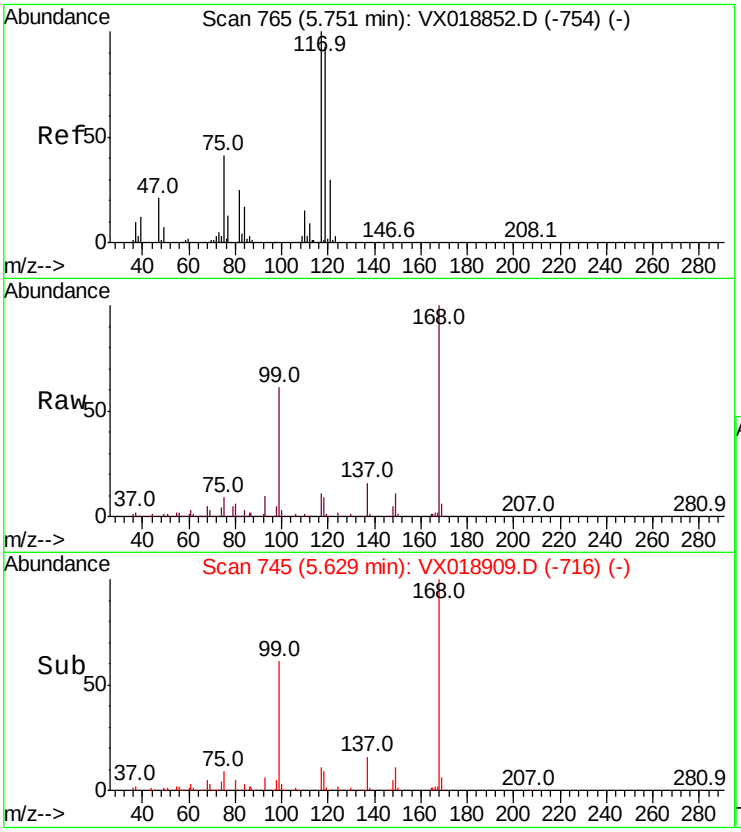


#36
1,1-Dichloropropene
Concen: 4.637 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.14 min
Lab File: VX018909.D
Acq: 12 Oct 2020 17:30

Tgt Ion: 75 Resp: 20357

Ion	Ratio	Lower	Upper
75	100		
110	9.9	17.8	53.5#
77	0.3	24.2	36.4#



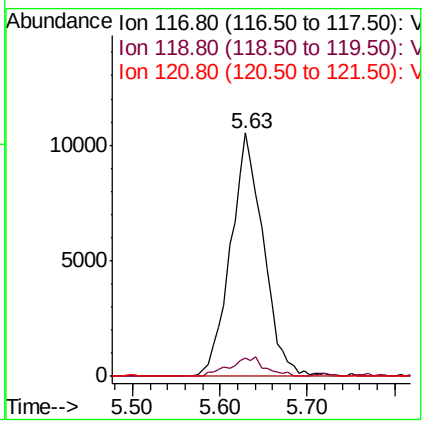


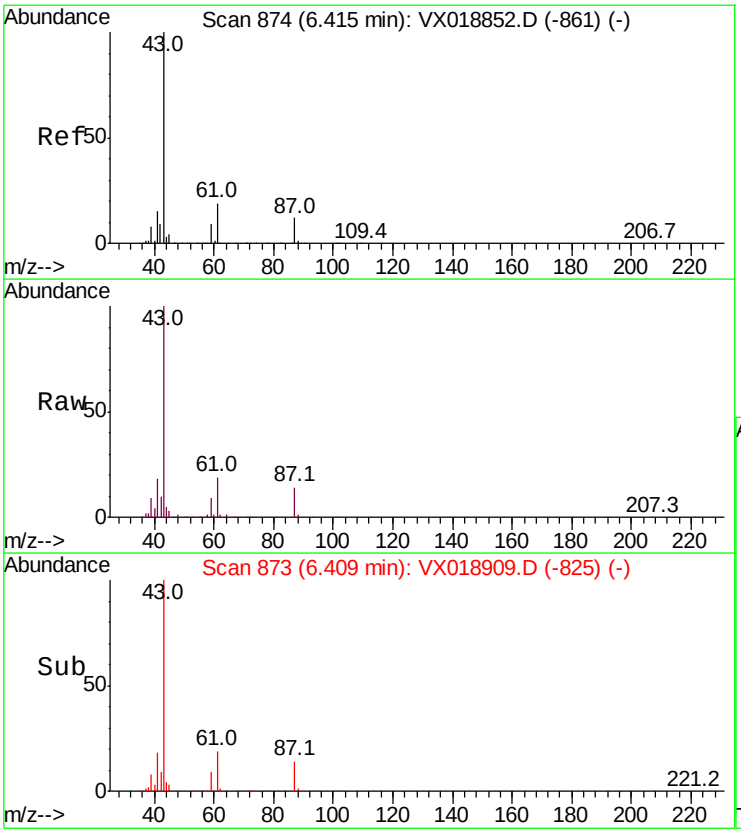
#38
Carbon Tetrachloride
Concen: 5.038 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.12 min
Lab File: VX018909.D
Acq: 12 Oct 2020 17:30

Instrument : MSVOA_X
ClientSampleId : PB132255ZHE#01

Tgt Ion:117 Resp: 27411

Ion	Ratio	Lower	Upper
117	100		
119	7.5	73.9	110.9#
121	0.0	23.6	35.4#

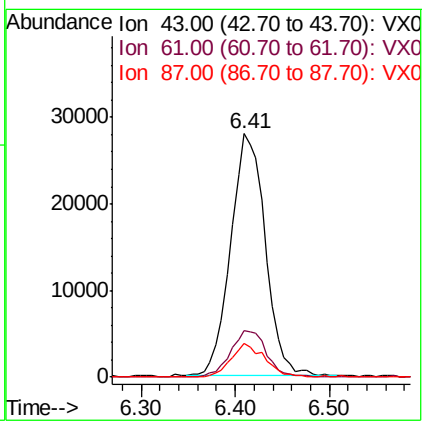


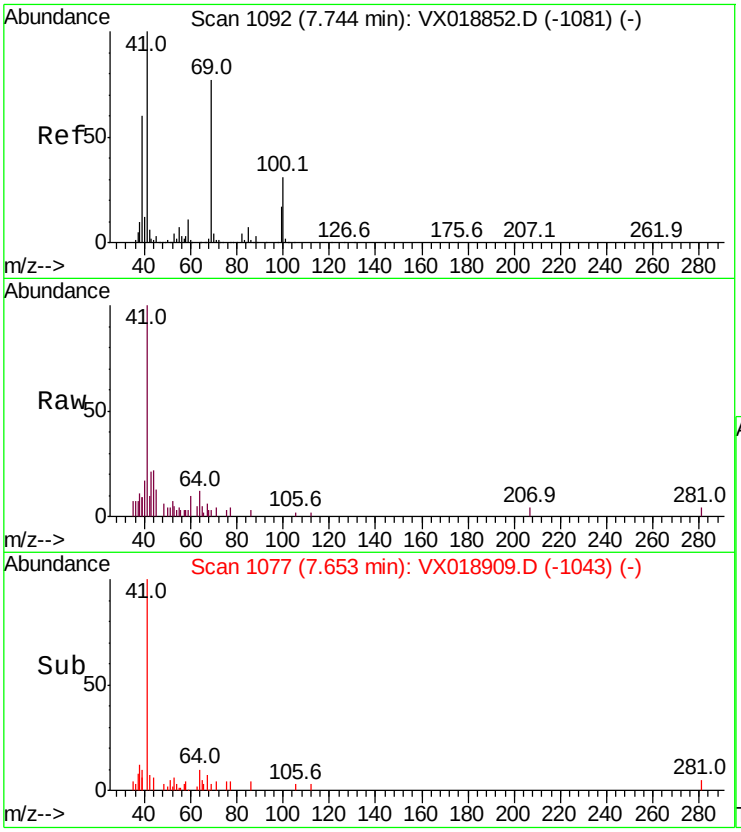


#43
Isopropyl Acetate
Concen: 10.161 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.01 min
Lab File: VX018909.D
Acq: 12 Oct 2020 17:30

Tgt Ion: 43 Resp: 71586

Ion	Ratio	Lower	Upper
43	100		
61	19.9	15.5	23.3
87	13.8	10.8	16.2



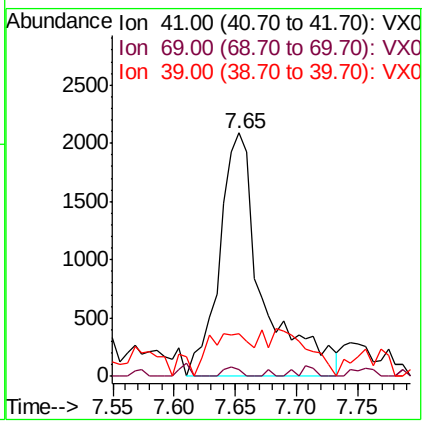


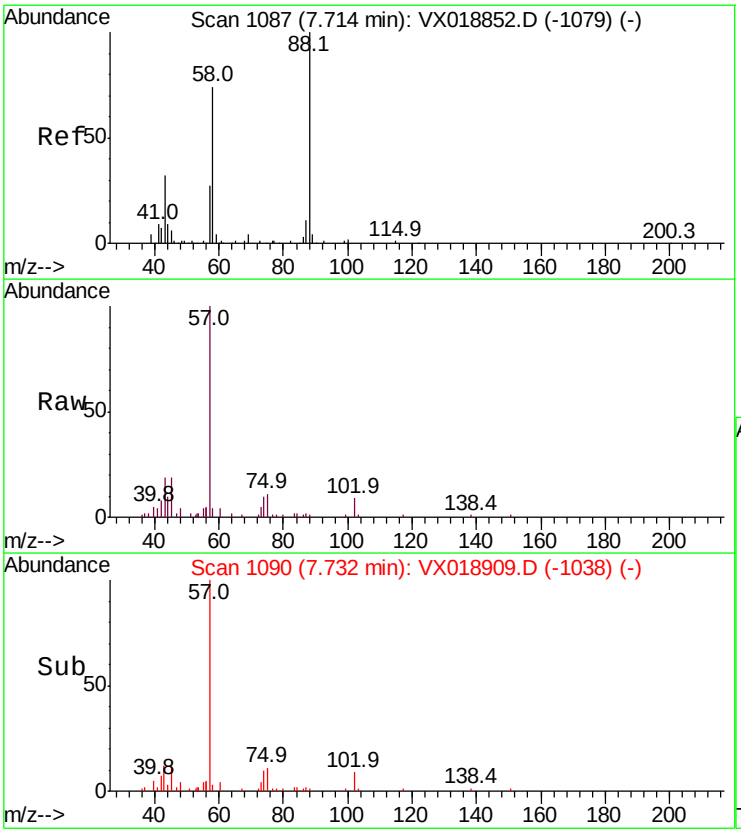
#48
Methyl methacrylate
Concen: 1.429 ug/l
RT: 7.65 min Scan# 1077
Delta R.T. -0.09 min
Lab File: VX018909.D
Acq: 12 Oct 2020 17:30

Instrument : MSVOA_X
ClientSampleId : PB132255ZHE#01

Tgt Ion: 41 Resp: 5109

Ion	Ratio	Lower	Upper
41	100		
69	1.4	64.6	97.0#
39	0.0	48.6	73.0#

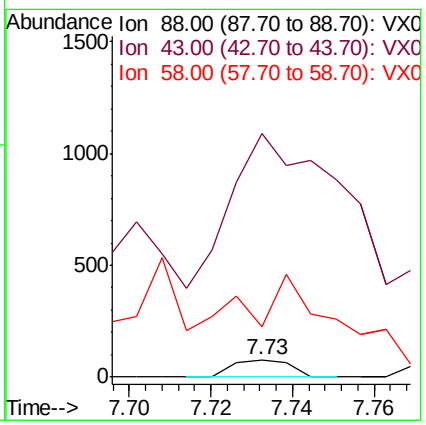


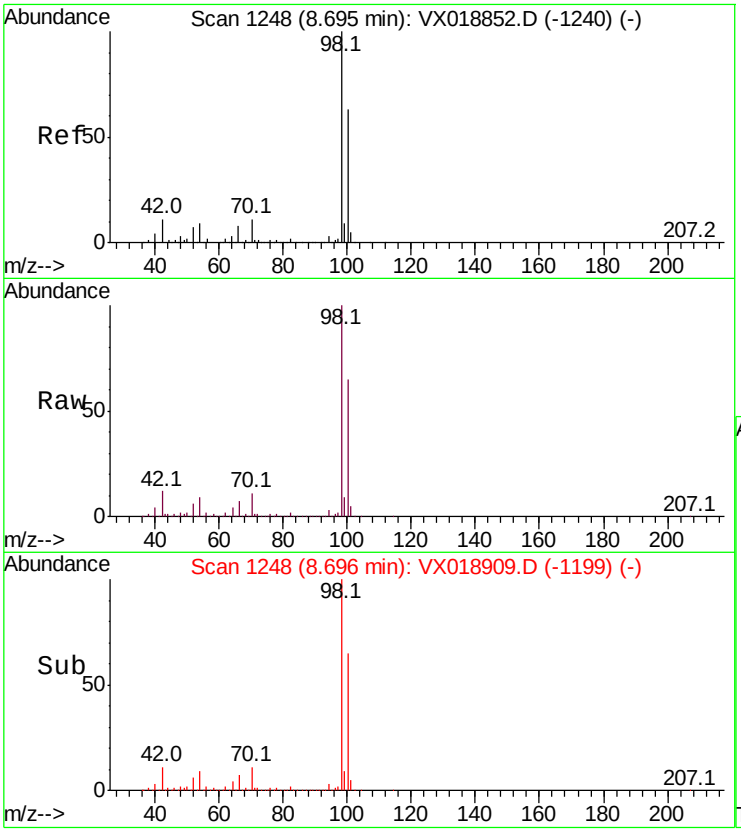


#49
1,4-Dioxane
Concen: 1.496 ug/l
RT: 7.73 min Scan# 1090
Delta R.T. 0.02 min
Lab File: VX018909.D
Acq: 12 Oct 2020 17:30

Tgt Ion: 88 Resp: 75

Ion	Ratio	Lower	Upper
88	100		
43	0.0	31.0	46.6#
58	1112.0	59.3	88.9#



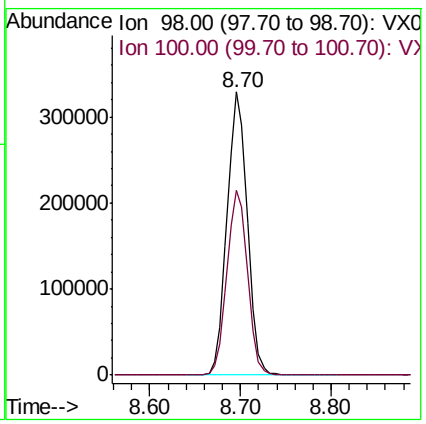


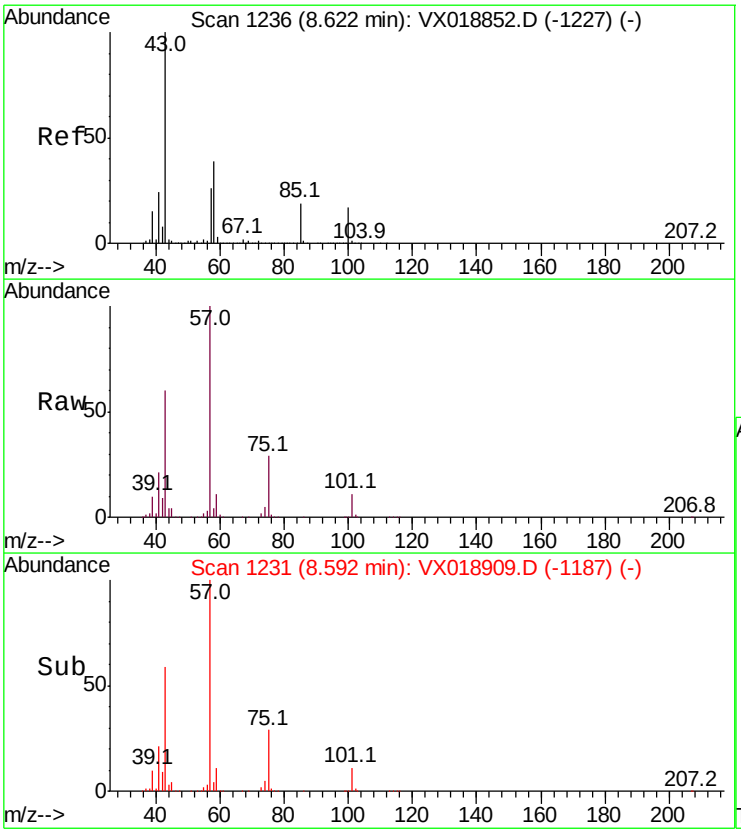
#50
Toluene-d8
Concen: 49.520 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX018909.D
Acq: 12 Oct 2020 17:30

Instrument :
MSVOA_X
ClientSampleId :
PB132255ZHE#01

Tgt Ion: 98 Resp: 511114

Ion	Ratio	Lower	Upper
98	100		
100	66.0	53.1	79.7

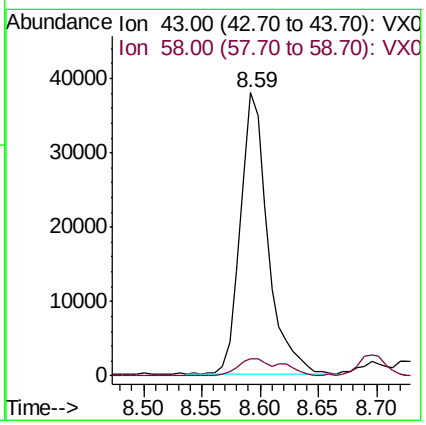


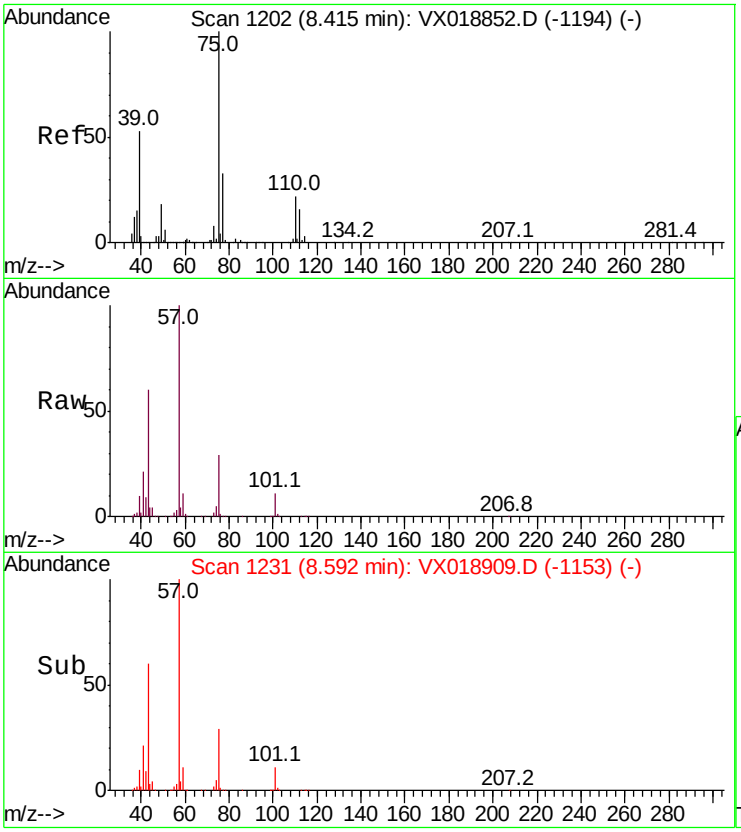


#51
4-Methyl-2-Pentanone
Concen: 15.369 ug/l
RT: 8.59 min Scan# 1231
Delta R.T. -0.03 min
Lab File: VX018909.D
Acq: 12 Oct 2020 17:30

Tgt Ion: 43 Resp: 63196

Ion	Ratio	Lower	Upper
43	100		
58	6.7	30.9	46.3#



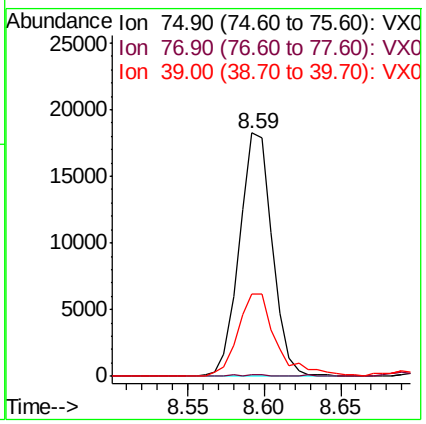


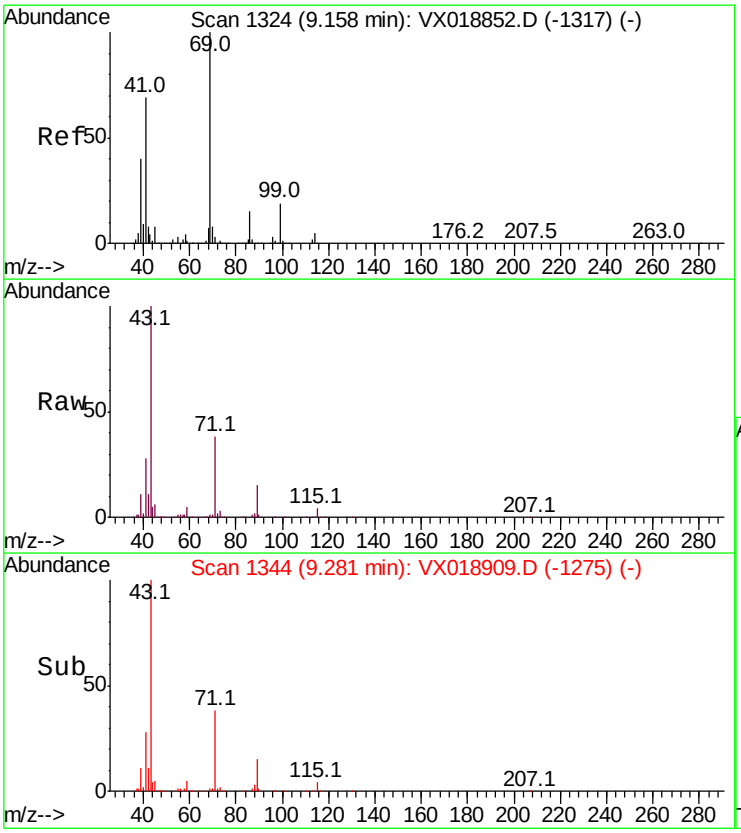
#54
cis-1,3-Dichloropropene
Concen: 5.112 ug/l
RT: 8.59 min Scan# 1231
Delta R.T. 0.18 min
Lab File: VX018909.D
Acq: 12 Oct 2020 17:30

Instrument : MSVOA_X
ClientSampleId : PB132255ZHE#01

Tgt Ion: 75 Resp: 27210

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

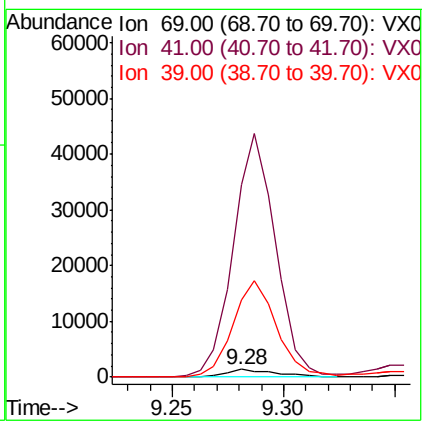


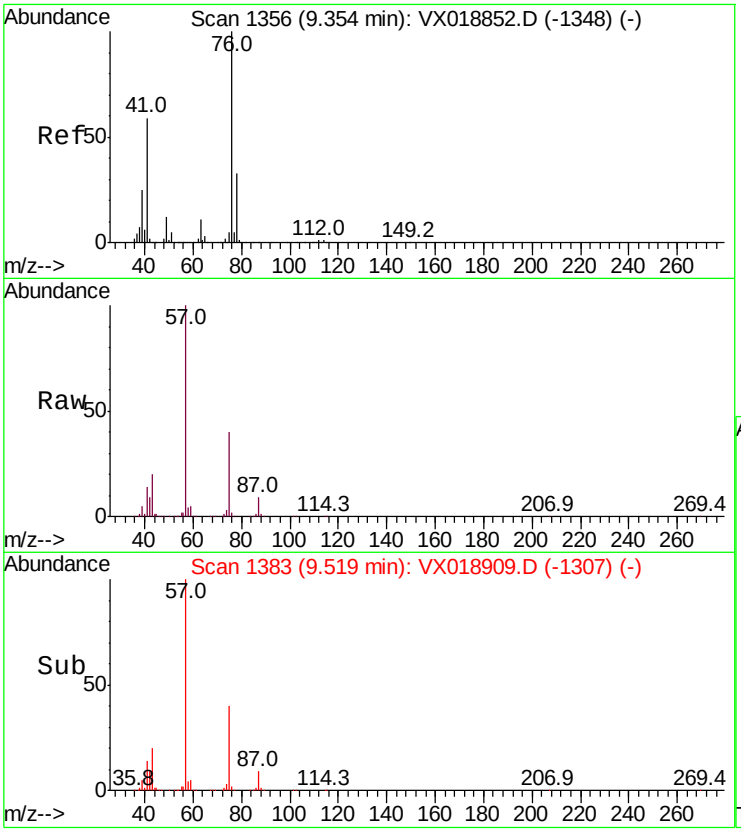


#56
Ethyl methacrylate
Concen: 3.354 ug/l
RT: 9.28 min Scan# 1344
Delta R.T. 0.12 min
Lab File: VX018909.D
Acq: 12 Oct 2020 17:30

Tgt Ion: 69 Resp: 2117

Ion	Ratio	Lower	Upper
69	100		
41	2732.4	54.6	81.8#
39	1128.7	31.5	47.3#



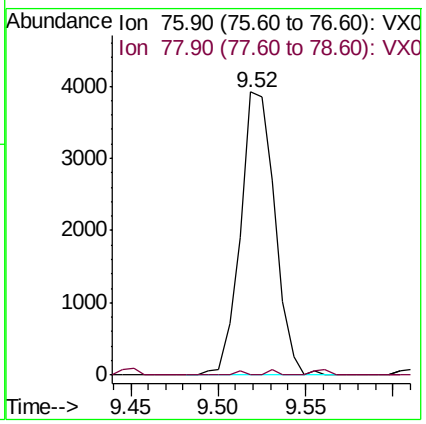


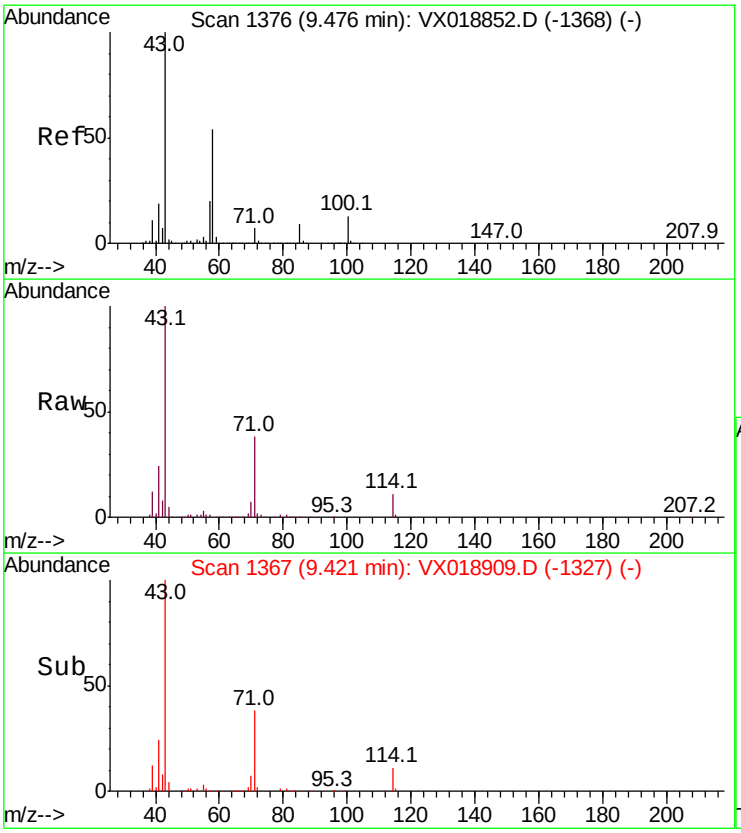
#57
1,3-Dichloropropane
Concen: 1.008 ug/l
RT: 9.52 min Scan# 1383
Delta R.T. 0.17 min
Lab File: VX018909.D
Acq: 12 Oct 2020 17:30

Instrument :
MSVOA_X
ClientSampleId :
PB132255ZHE#01

Tgt Ion: 76 Resp: 5315

Ion	Ratio	Lower	Upper
76	100		
78	0.4	26.2	39.2#

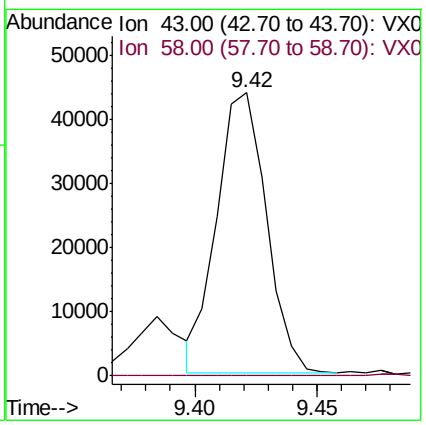


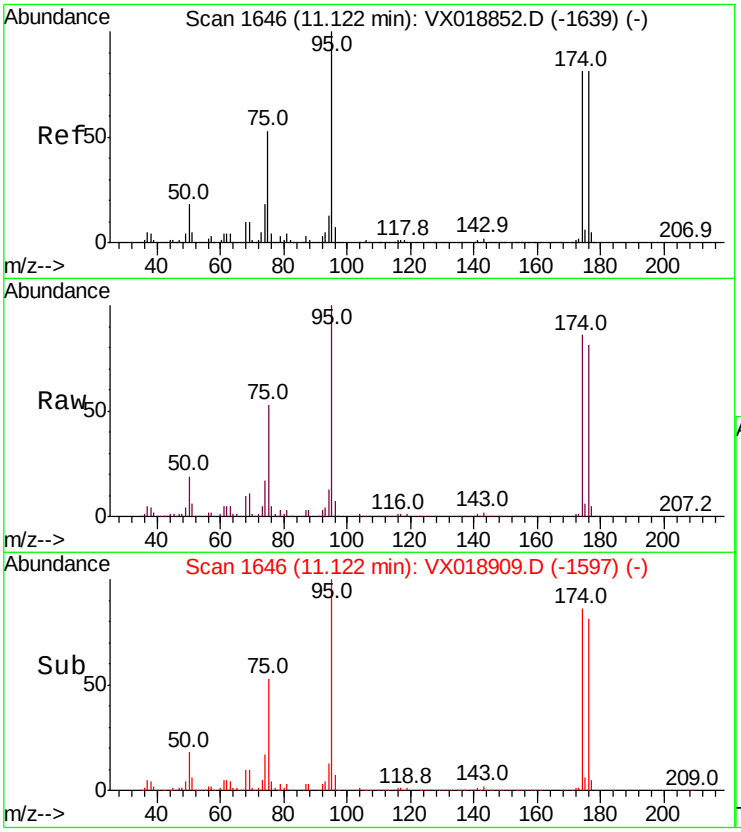


#59
2-Hexanone
Concen: 19.714 ug/l
RT: 9.42 min Scan# 1367
Delta R.T. -0.05 min
Lab File: VX018909.D
Acq: 12 Oct 2020 17:30

Tgt Ion: 43 Resp: 61760

Ion	Ratio	Lower	Upper
43	100		
58	0.0	26.7	80.1#



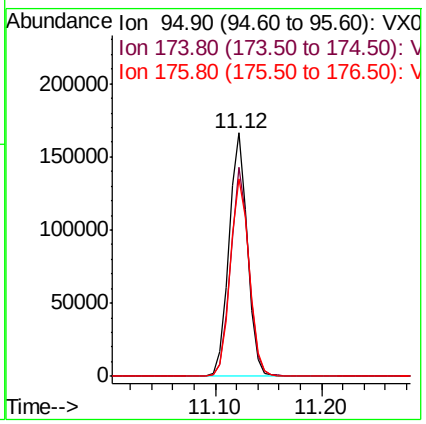


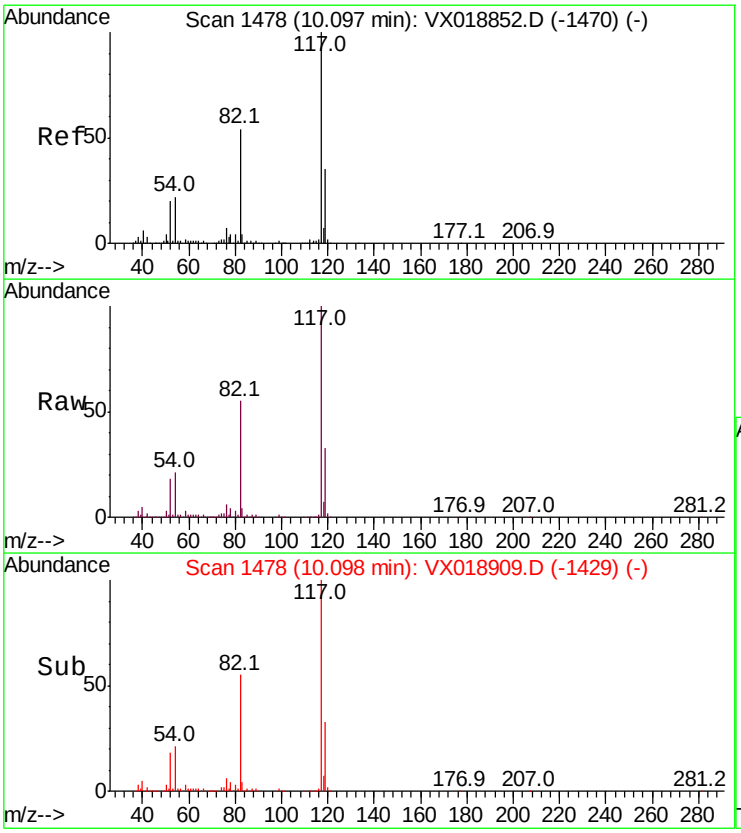
#62
4-Bromofluorobenzene
Concen: 49.112 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX018909.D
Acq: 12 Oct 2020 17:30

Instrument :
MSVOA_X
ClientSampleId :
PB132255ZHE#01

Tgt Ion: 95 Resp: 202029

Ion	Ratio	Lower	Upper
95	100		
174	85.5	0.0	160.0
176	83.7	0.0	161.2

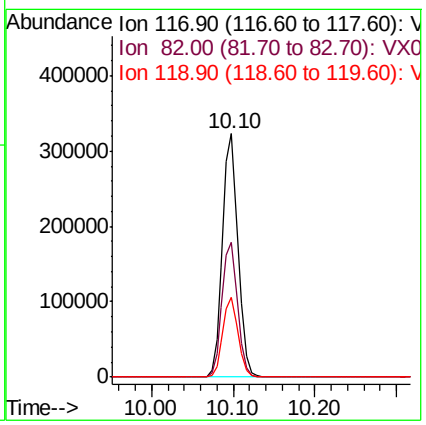


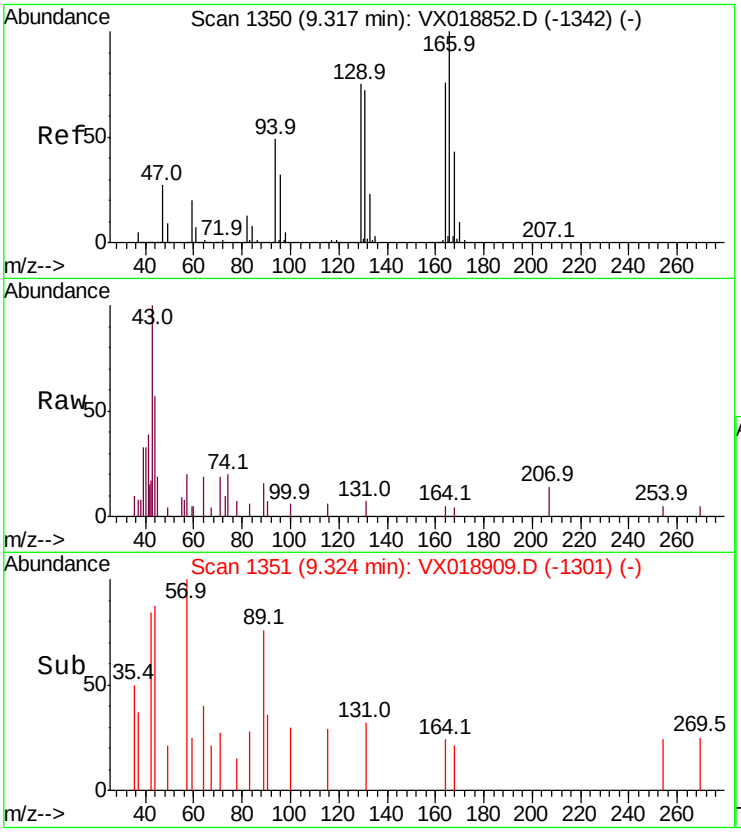


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018909.D
Acq: 12 Oct 2020 17:30

Tgt Ion:117 Resp: 425499

Ion	Ratio	Lower	Upper
117	100		
82	55.4	43.4	65.2
119	32.7	28.3	42.5



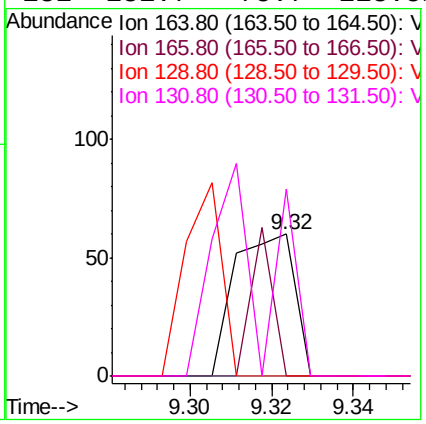


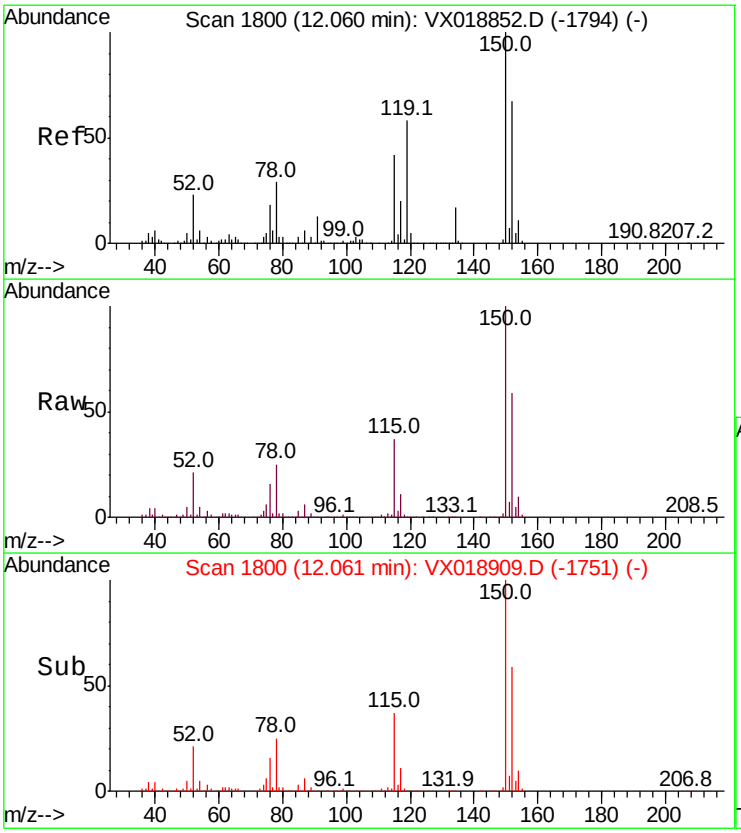
#64
Tetrachloroethene
Concen: Below Cal
RT: 9.32 min Scan# 1351
Delta R.T. 0.01 min
Lab File: VX018909.D
Acq: 12 Oct 2020 17:30

Instrument : MSVOA_X
ClientSampleId : PB132255ZHE#01

Tgt Ion:164 Resp: 61

Ion	Ratio	Lower	Upper
164	100		
166	0.0	105.4	158.0#
129	0.0	79.0	118.6#
131	131.7	75.7	113.5#

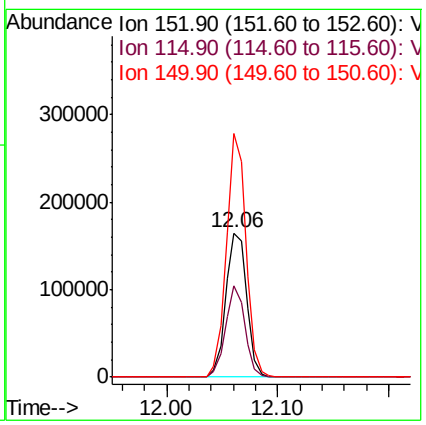


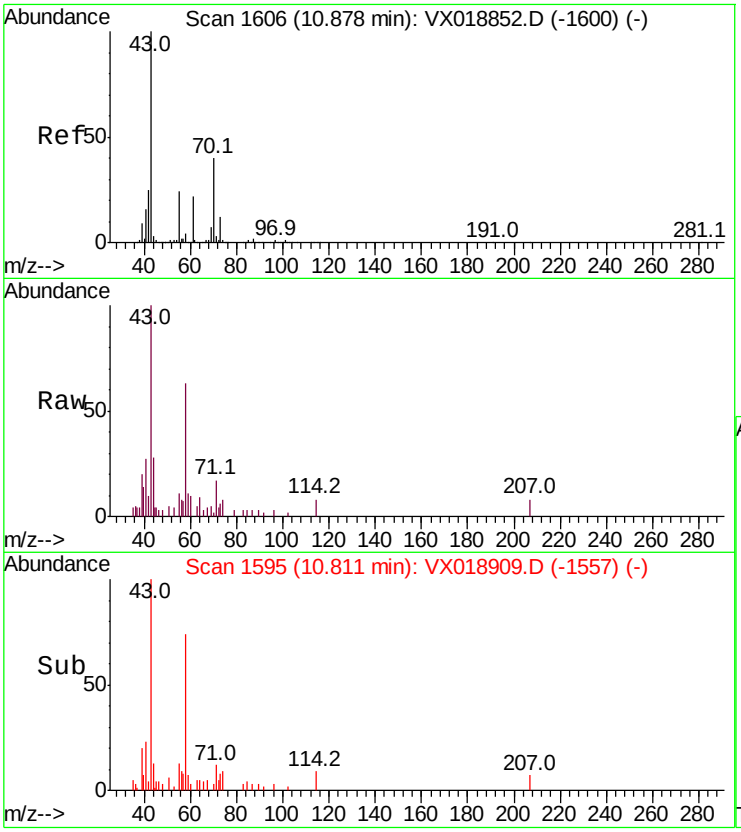


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX018909.D
Acq: 12 Oct 2020 17:30

Tgt Ion:152 Resp: 213404

Ion	Ratio	Lower	Upper
152	100		
115	58.3	41.8	125.4
150	157.7	0.0	347.6



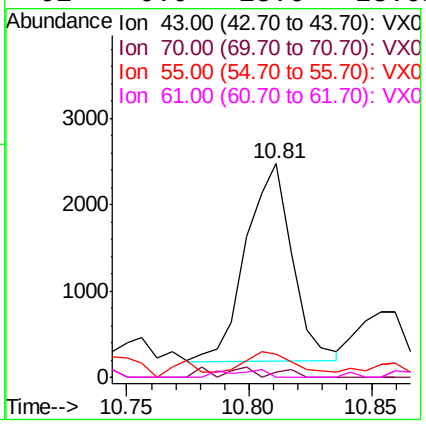


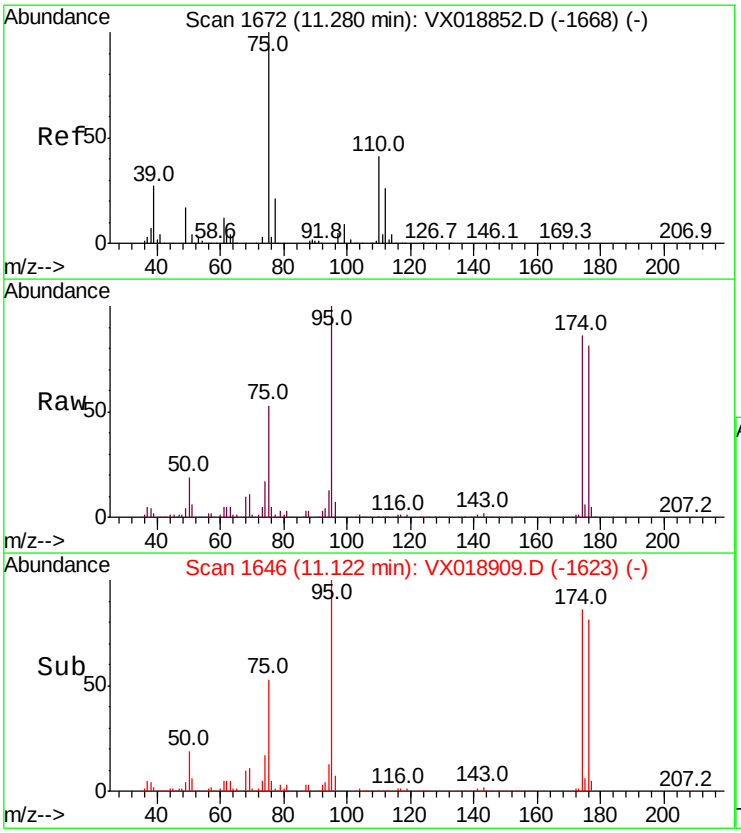
#74
N-amyl acetate
Concen: 0.545 ug/l
RT: 10.81 min Scan# 1595
Delta R.T. -0.07 min
Lab File: VX018909.D
Acq: 12 Oct 2020 17:30

Instrument : MSVOA_X
ClientSampleId : PB132255ZHE#01

Tgt Ion: 43 Resp: 3010

Ion	Ratio	Lower	Upper
43	100		
70	2.4	33.7	50.5#
55	11.7	19.8	29.8#
61	0.0	18.6	28.0#

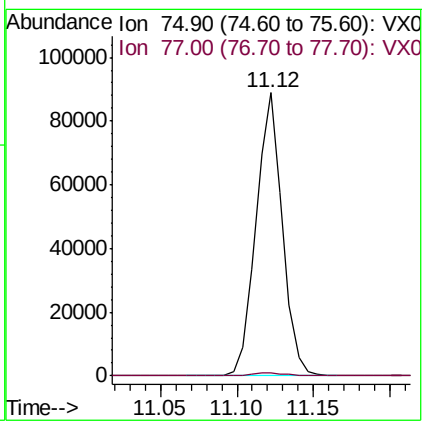


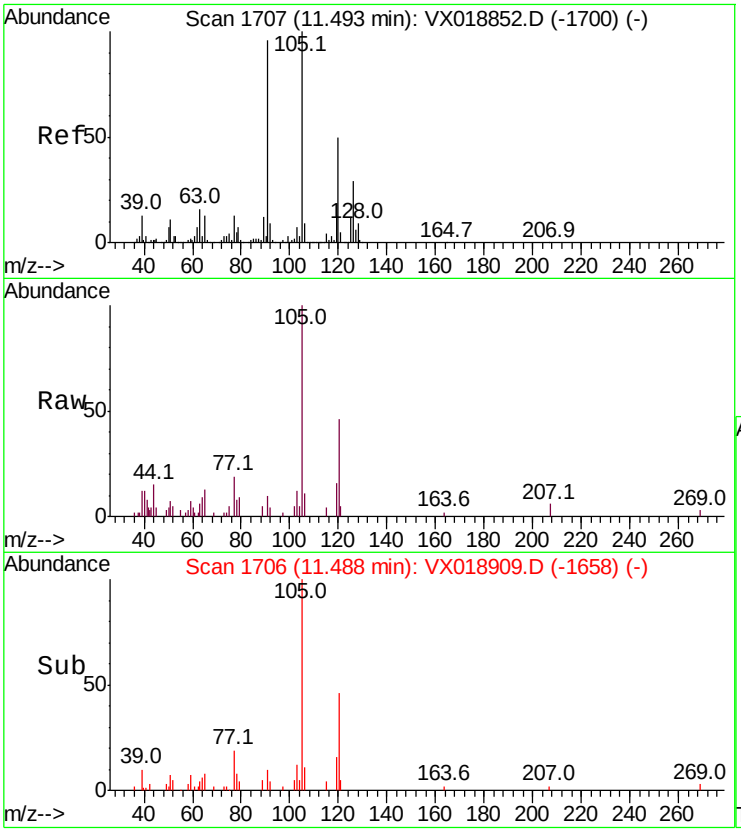


#76
1,2,3-Trichloropropane
Concen: 23.139 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX018909.D
Acq: 12 Oct 2020 17:30

Tgt Ion: 75 Resp: 106397

Ion	Ratio	Lower	Upper
75	100		
77	1.5	20.2	60.6#



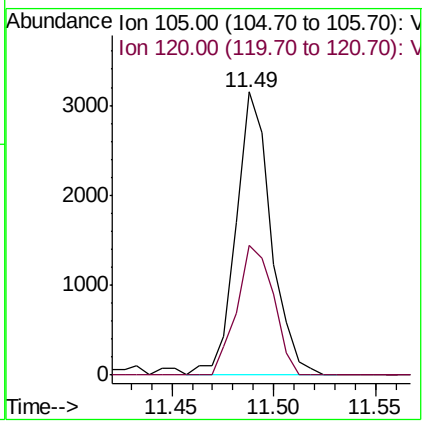


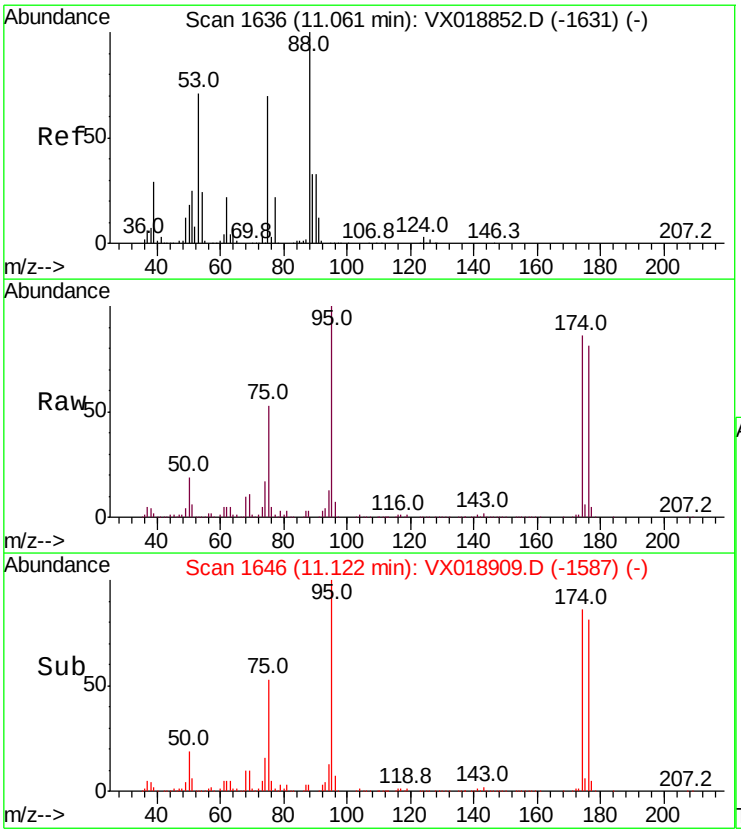
#80
1,3,5-Trimethylbenzene
Concen: 0.313 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. -0.01 min
Lab File: VX018909.D
Acq: 12 Oct 2020 17:30

Instrument :
MSVOA_X
ClientSampleId :
PB132255ZHE#01

Tgt Ion:105 Resp: 3741

Ion	Ratio	Lower	Upper
105	100		
120	48.0	23.9	71.8

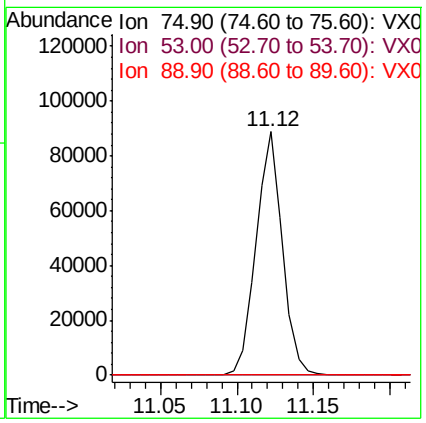


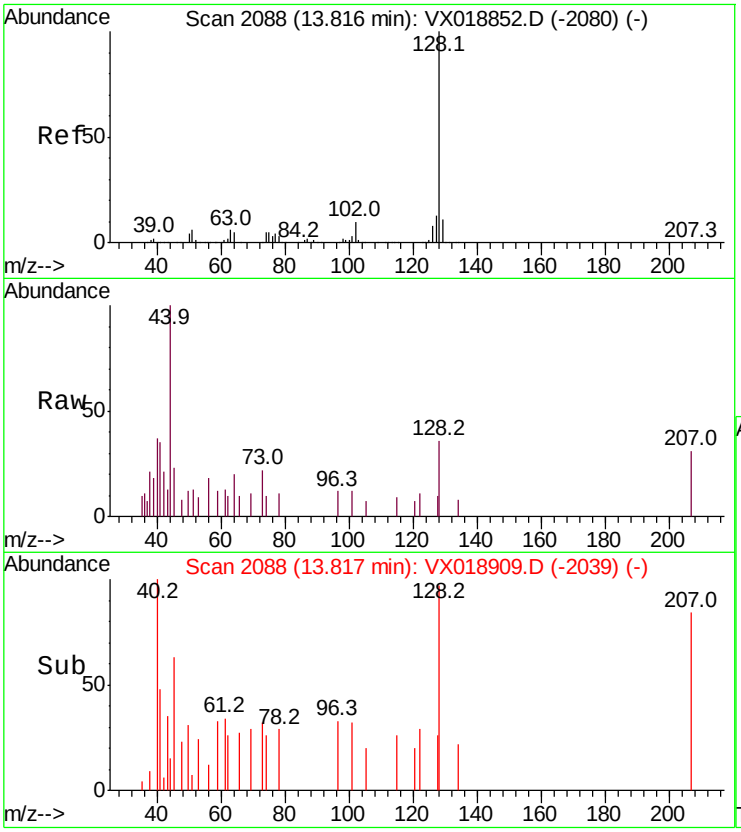


#81
trans-1,4-Dichloro-2-butene
Concen: 65.575 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.06 min
Lab File: VX018909.D
Acq: 12 Oct 2020 17:30

Tgt Ion: 75 Resp: 106397

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





#95
Naphthalene
Concen: 3.095 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX018909.D
Acq: 12 Oct 2020 17:30

Instrument :
MSVOA_X
ClientSampleId :
PB132255ZHE#01

Tgt Ion:128 Resp: 281

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