Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX051519\
Data File : VX009592.D
Acq On : 15 May 2019 19:54
Operator : JC/SP
Sample : K2851-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: May 16 01:13:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	172310	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	273863	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	244375	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	103614	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	115454	49.08	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.16%			
35) Dibromofluoromethane	5.50	113	84333	48.98	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.96%			
50) Toluene-d8	8.71	98	348234	50.10	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.20%			
62) 4-Bromofluorobenzene	11.13	95	113468	44.93	ug/l	0.00
Spiked Amount 50.000			Recovery = 89.86%			
Target Compounds						Qvalue
5) Bromomethane	1.64	94	441	0.348	ug/l #	48
10) Methyl Iodide	2.52	142	222	4.701	ug/l #	42
11) Tert butyl alcohol	3.05	59	902	1.657	ug/l #	94
13) Acrolein	2.27	56	136	0.276	ug/l	97
16) Acetone	2.44	43	28538	22.594	ug/l	96
17) Carbon Disulfide	2.57	76	913	0.201	ug/l #	73
18) Methyl Acetate	2.78	43	5055	1.683	ug/l	100
20) Methylene Chloride	2.86	84	73789	36.081	ug/l	98
25) 2-Butanone	4.68	43	3934	2.004	ug/l	99
28) Bromochloromethane	5.03	49	21	Below Cal	#	20
29) Tetrahydrofuran	5.15	42	1570	1.243	ug/l #	71
30) Chloroform	5.20	83	1398	0.414	ug/l	93
31) Cyclohexane	5.67	56	3881	1.116	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	13230	5.198	ug/l #	50
38) Carbon Tetrachloride	5.66	117	16115	6.969	ug/l #	16
43) Isopropyl Acetate	6.45	43	10523	1.855	ug/l	99
48) Methyl methacrylate	7.68	41	6719	2.388	ug/l #	18
49) 1,4-Dioxane	7.87	88	134	2.348	ug/l #	1
51) 4-Methyl-2-Pentanone	8.61	43	57285	15.452	ug/l #	53
54) cis-1,3-Dichloropropene	8.62	75	23840	7.384	ug/l #	59
57) 1,3-Dichloropropane	9.54	76	3076	0.895	ug/l #	43
59) 2-Hexanone	9.44	43	8389	2.881	ug/l #	26
76) 1,2,3-Trichloropropane	11.13	75	58124	24.183	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	58124	61.877	ug/l #	10
95) Naphthalene	13.83	128	2864	0.379	ug/l #	94

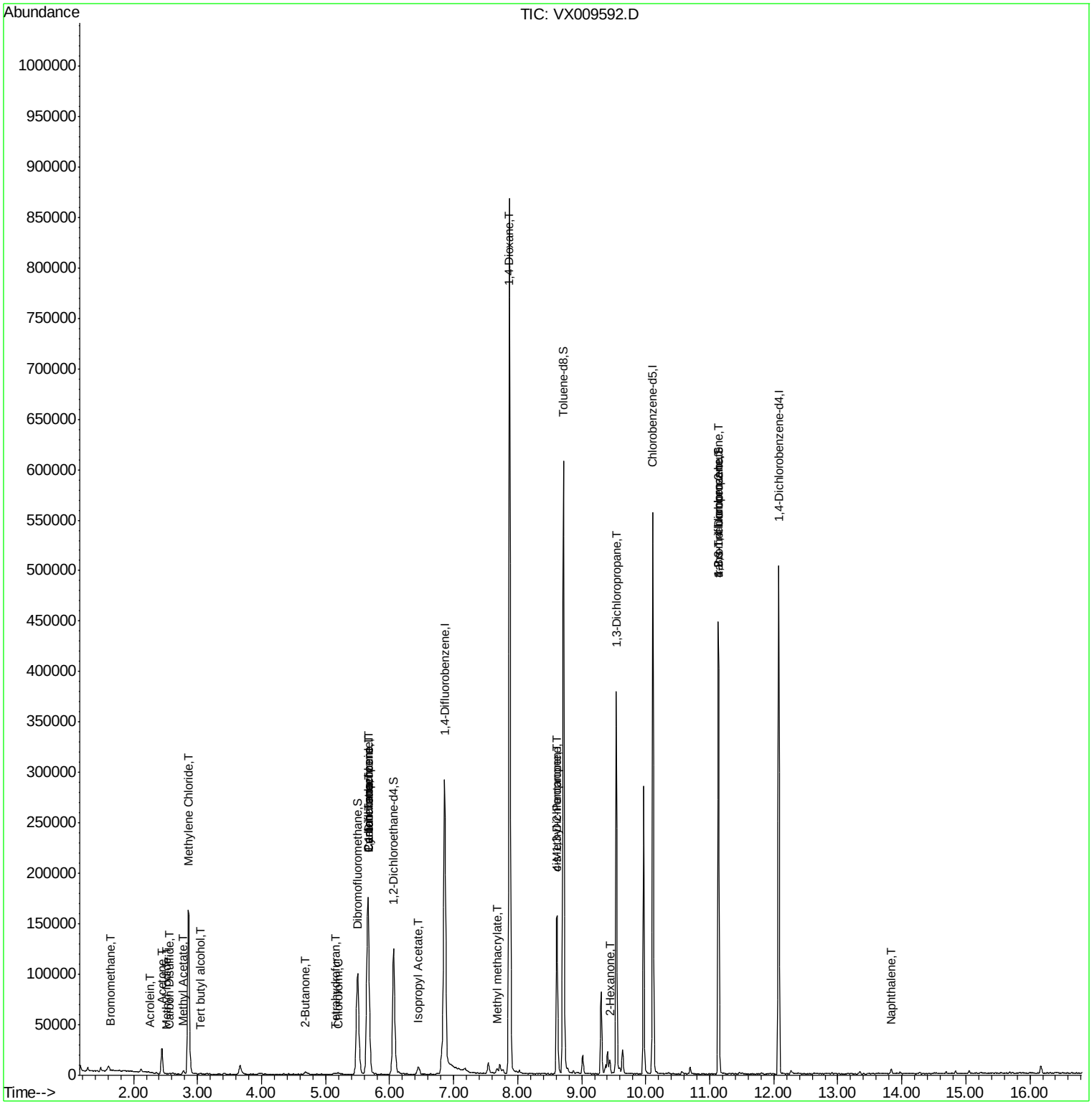
(#) = qualifier out of range (m) = manual integration (+) = signals summed

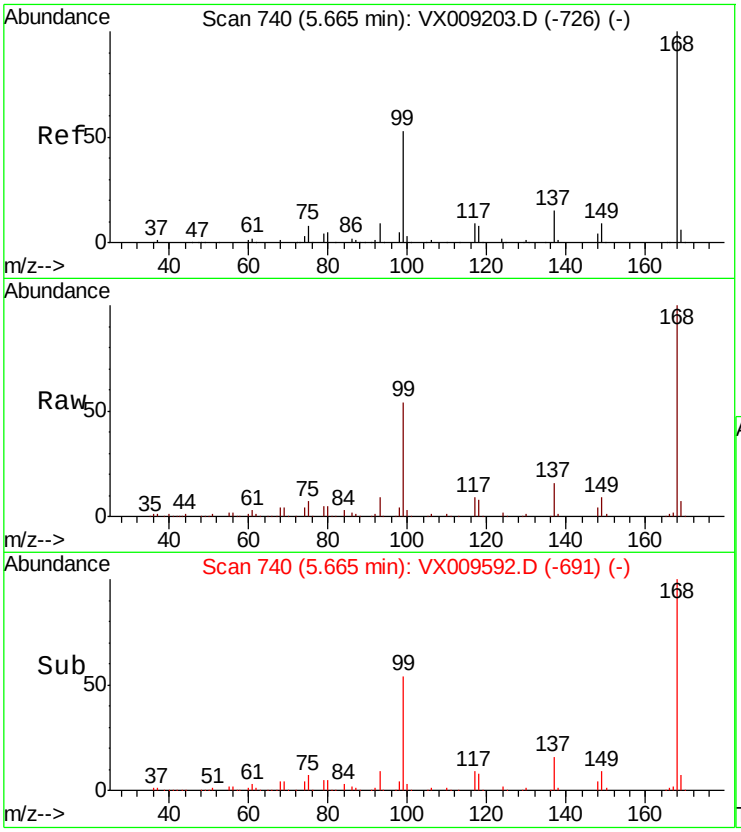
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX051519\
Data File : VX009592.D
Acq On : 15 May 2019 19:54
Operator : JC/SP
Sample : K2851-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: May 16 01:13:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration



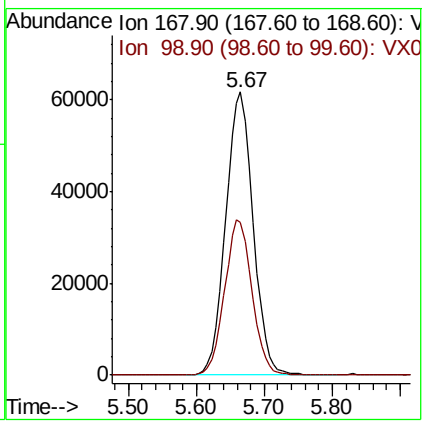


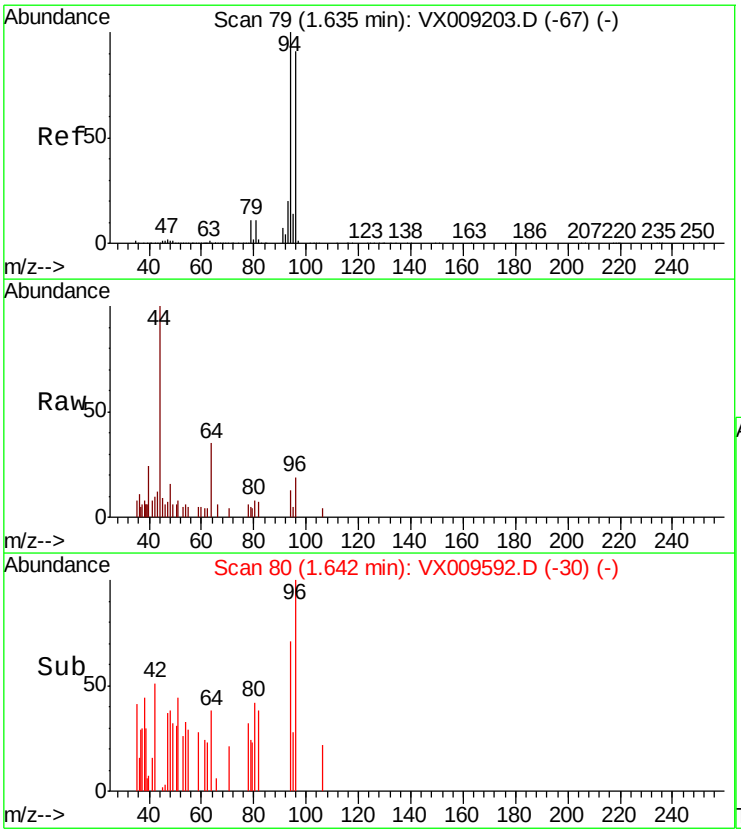
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX009592.D
Acq: 15 May 2019 19:54

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 172310

Ion	Ratio	Lower	Upper
168	100		
99	53.9	42.3	63.5

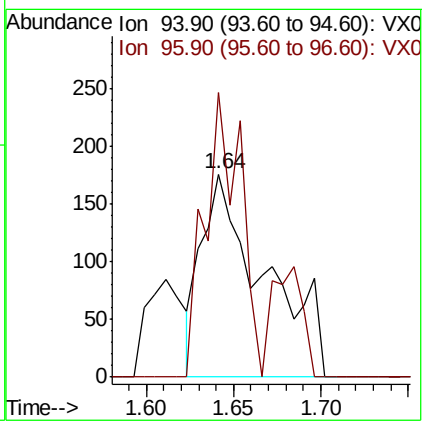


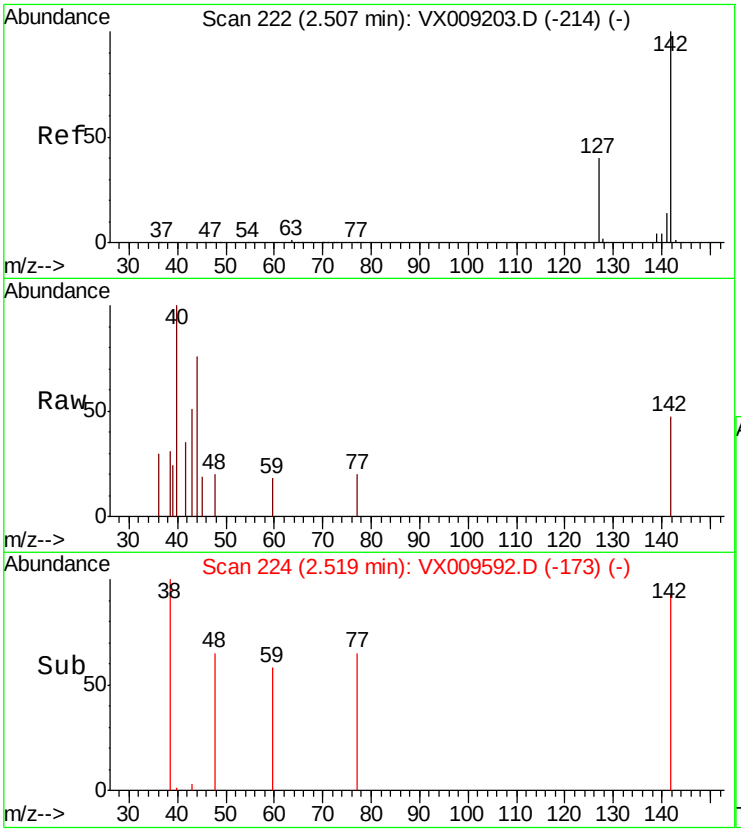


#5
Bromomethane
Concen: 0.348 ug/l
RT: 1.64 min Scan# 80
Delta R.T. 0.01 min
Lab File: VX009592.D
Acq: 15 May 2019 19:54

Tgt Ion: 94 Resp: 441

Ion	Ratio	Lower	Upper
94	100		
96	140.3	73.0	109.6#



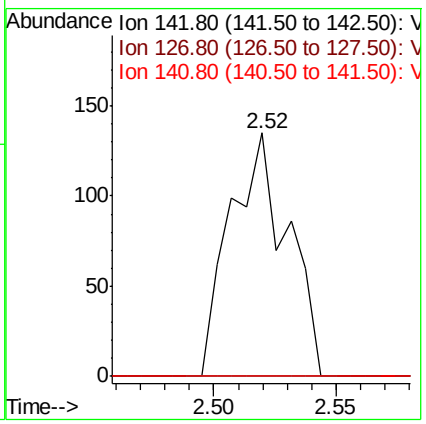


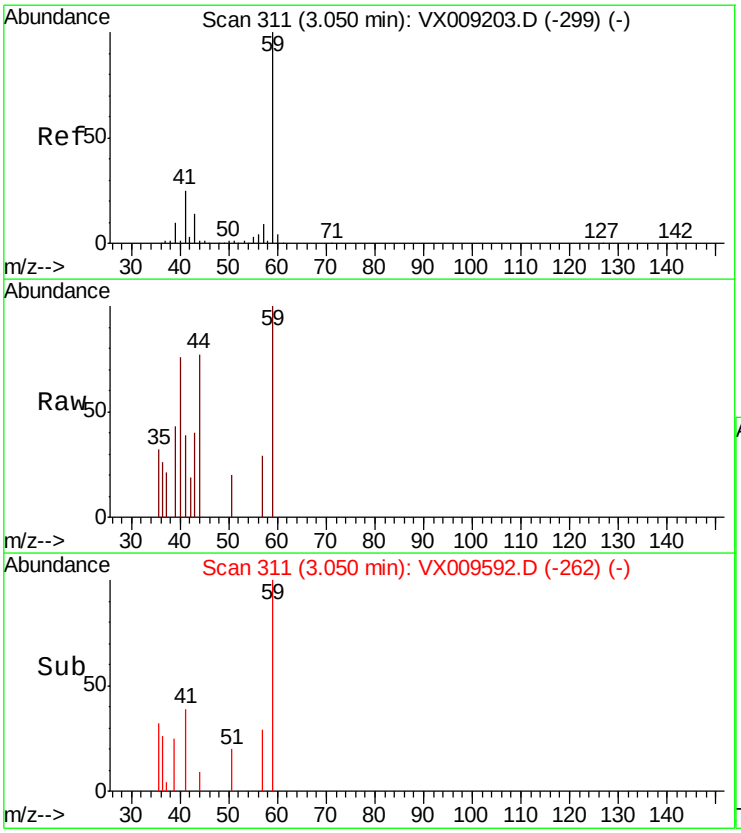
#10
Methyl Iodide
Concen: 4.701 ug/l
RT: 2.52 min Scan# 224
Delta R.T. 0.01 min
Lab File: VX009592.D
Acq: 15 May 2019 19:54

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion:142 Resp: 222

Ion	Ratio	Lower	Upper
142	100		
127	0.0	32.7	49.1#
141	0.0	11.5	17.3#

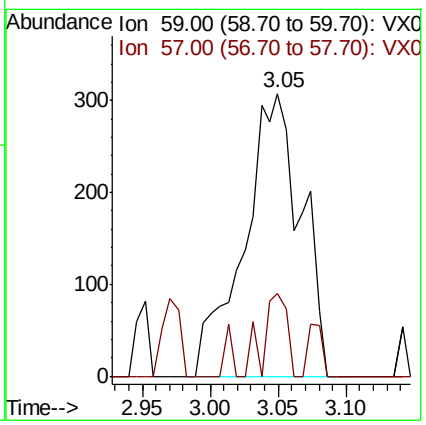


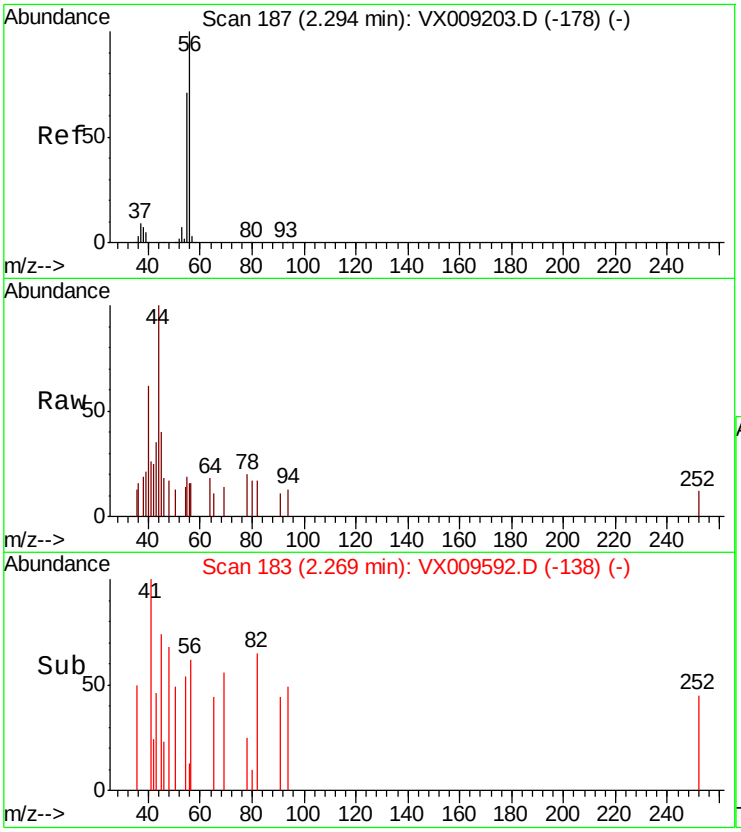


#11
Tert butyl alcohol
Concen: 1.657 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX009592.D
Acq: 15 May 2019 19:54

Tgt Ion: 59 Resp: 902

Ion	Ratio	Lower	Upper
59	100		
57	12.3	8.2	12.2#



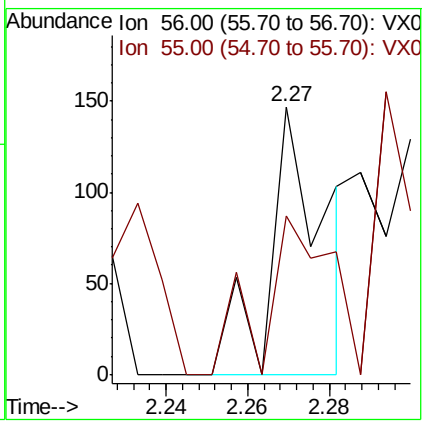


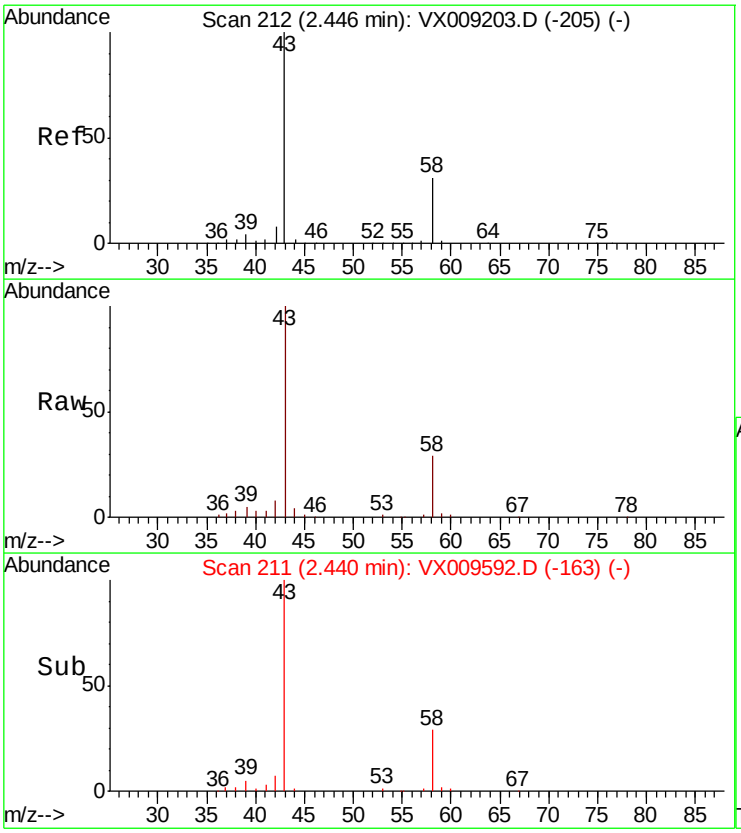
#13
Acrolein
Concen: 0.276 ug/l
RT: 2.27 min Scan# 183
Delta R.T. -0.02 min
Lab File: VX009592.D
Acq: 15 May 2019 19:54

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 136

Ion	Ratio	Lower	Upper
56	100		
55	73.5	56.6	85.0

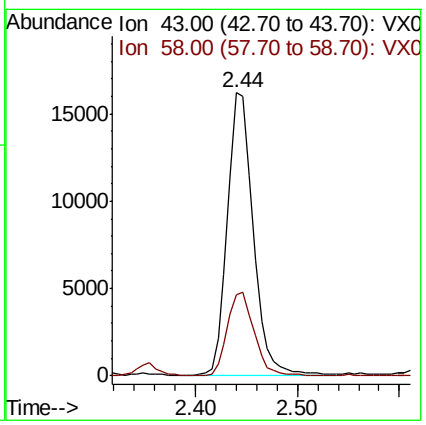


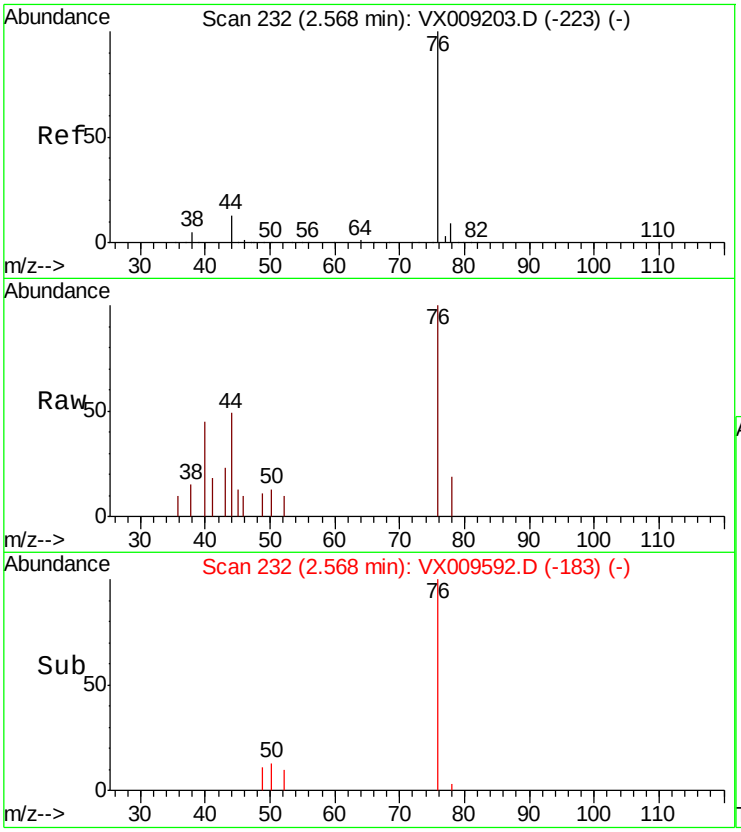


#16
Acetone
Concen: 22.594 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX009592.D
Acq: 15 May 2019 19:54

Tgt Ion: 43 Resp: 28538

Ion	Ratio	Lower	Upper
43	100		
58	28.7	24.9	37.3



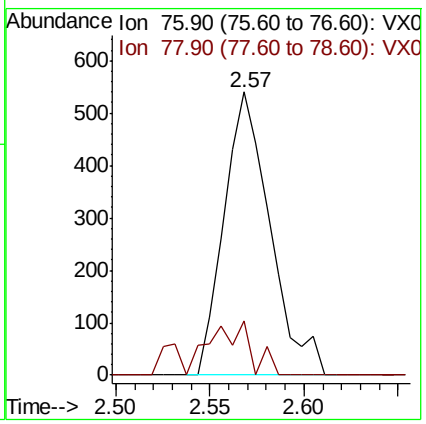


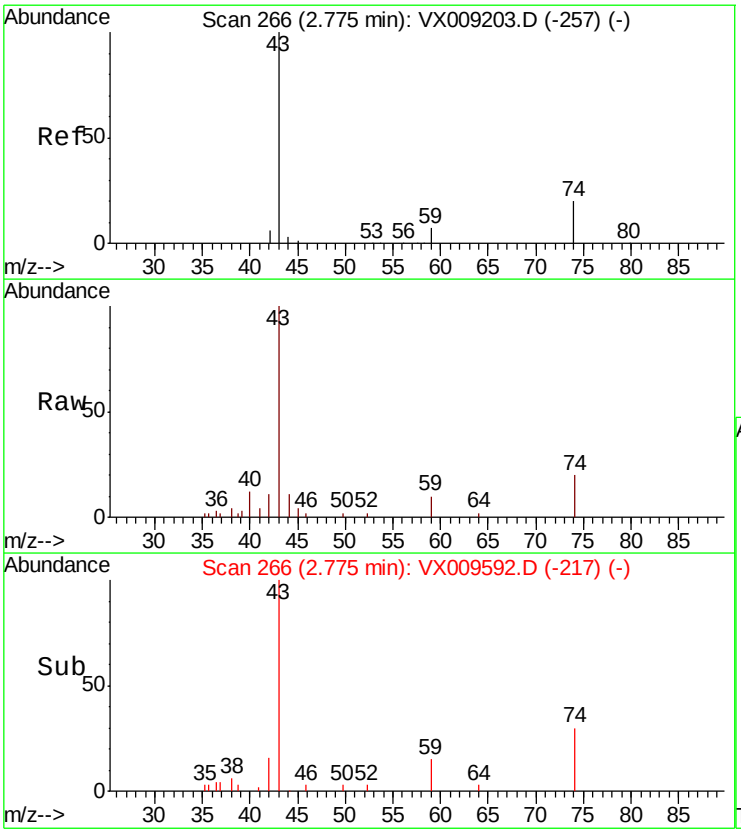
#17
Carbon Disulfide
Concen: 0.201 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX009592.D
Acq: 15 May 2019 19:54

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 76 Resp: 913

Ion	Ratio	Lower	Upper
76	100		
78	19.1	7.4	11.0#

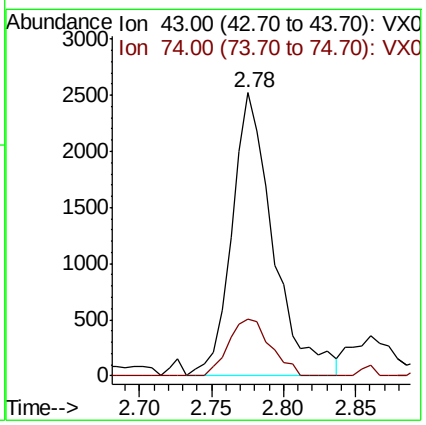


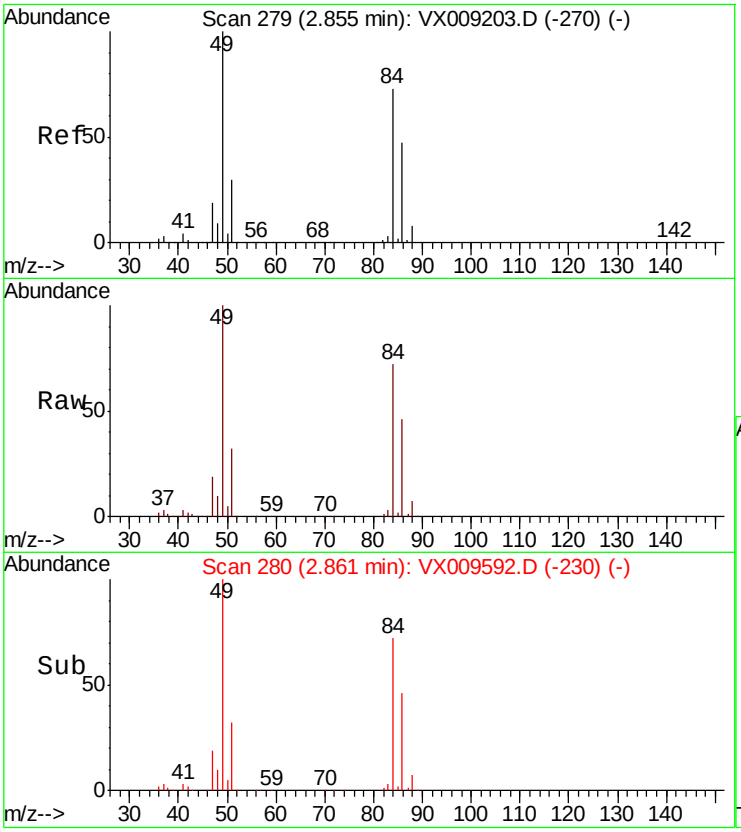


#18
Methyl Acetate
Concen: 1.683 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX009592.D
Acq: 15 May 2019 19:54

Tgt Ion: 43 Resp: 5055

Ion	Ratio	Lower	Upper
43	100		
74	20.3	16.2	24.4



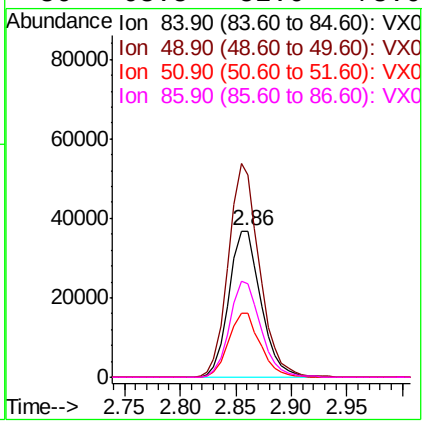


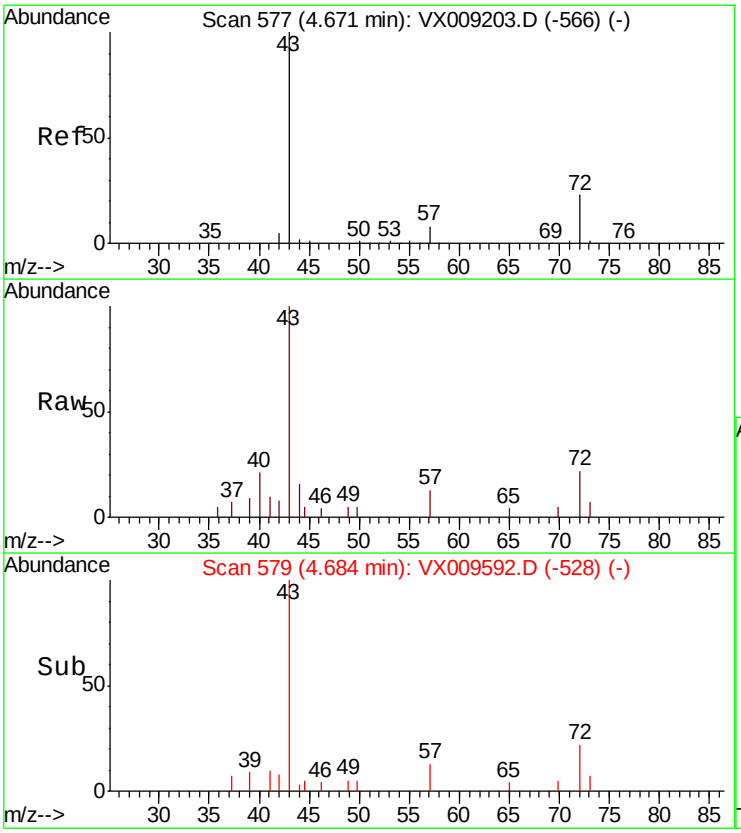
#20
Methylene Chloride
Concen: 36.081 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX009592.D
Acq: 15 May 2019 19:54

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 84 Resp: 73789

Ion	Ratio	Lower	Upper
84	100		
49	138.0	109.9	164.9
51	43.7	32.7	49.1
86	63.5	52.0	78.0

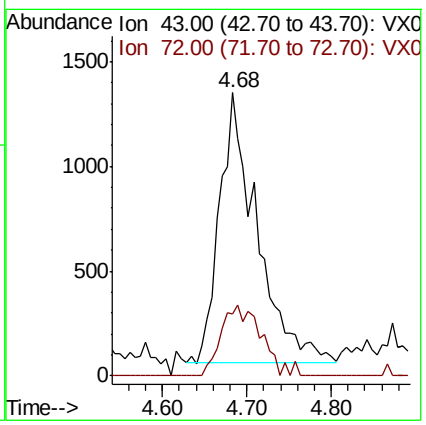


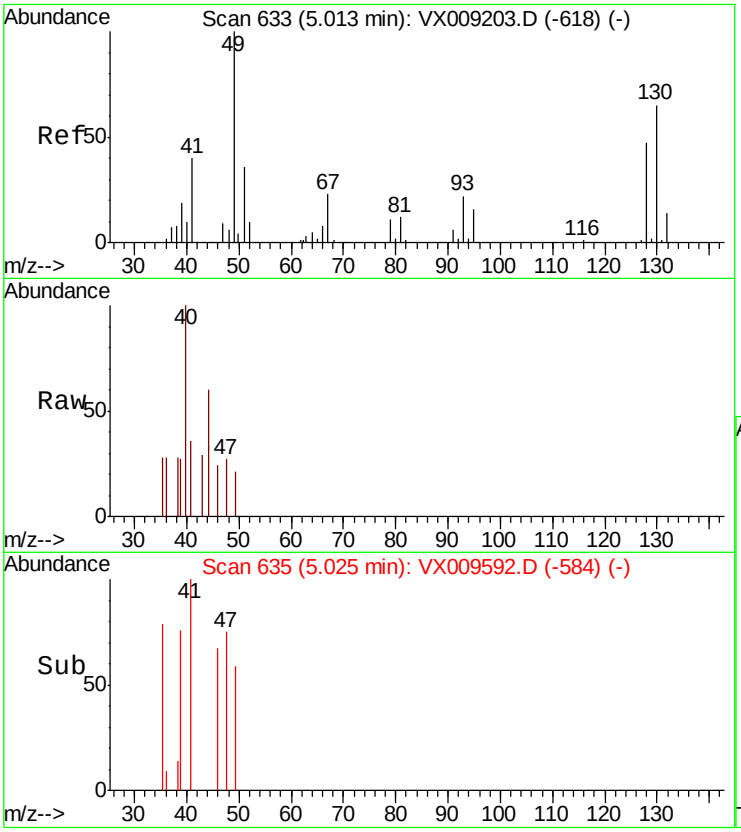


#25
2-Butanone
Concen: 2.004 ug/l
RT: 4.68 min Scan# 579
Delta R.T. 0.01 min
Lab File: VX009592.D
Acq: 15 May 2019 19:54

Tgt Ion: 43 Resp: 3934

Ion	Ratio	Lower	Upper
43	100		
72	23.1	18.2	27.2



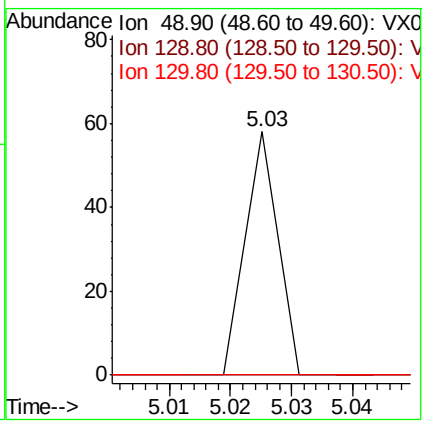


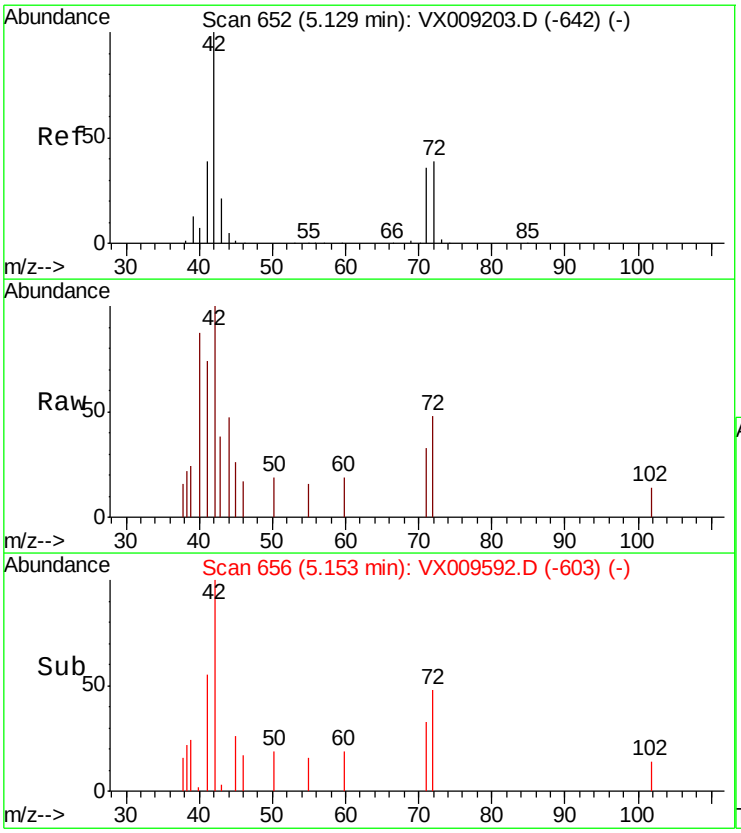
#28
Bromochloromethane
Concen: Below Cal
RT: 5.03 min Scan# 635
Delta R.T. 0.01 min
Lab File: VX009592.D
Acq: 15 May 2019 19:54

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 49 Resp: 21

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	0.0	51.2	76.8#

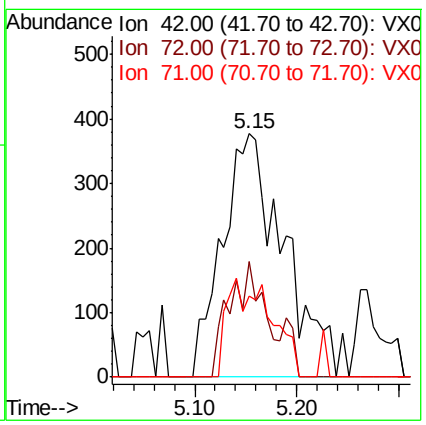


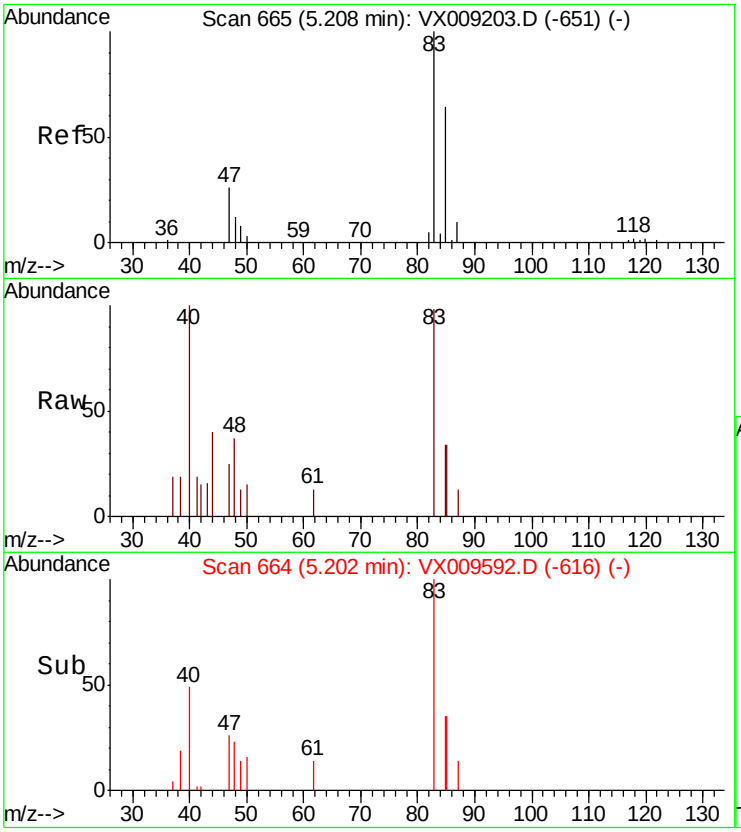


#29
Tetrahydrofuran
Concen: 1.243 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.02 min
Lab File: VX009592.D
Acq: 15 May 2019 19:54

Tgt Ion: 42 Resp: 1570

Ion	Ratio	Lower	Upper
42	100		
72	27.6	30.4	45.6#
71	11.3	28.6	43.0#



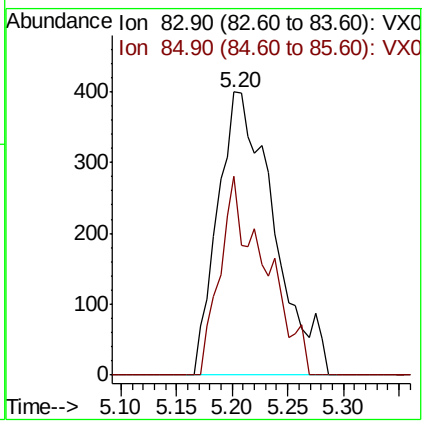


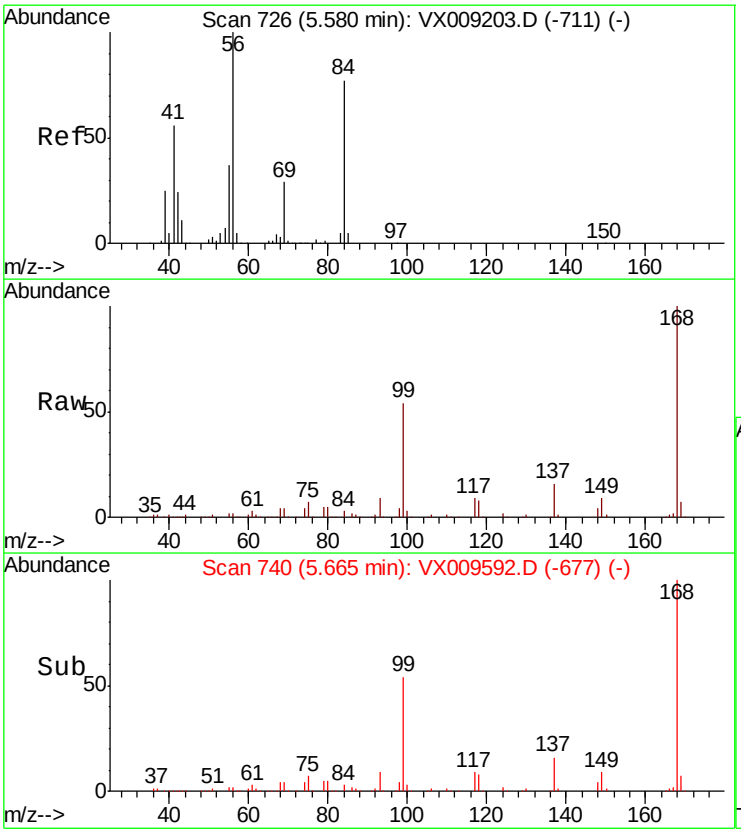
#30
Chloroform
Concen: 0.414 ug/l
RT: 5.20 min Scan# 664
Delta R.T. -0.01 min
Lab File: VX009592.D
Acq: 15 May 2019 19:54

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 83 Resp: 1398

Ion	Ratio	Lower	Upper
83	100		
85	70.2	51.5	77.3

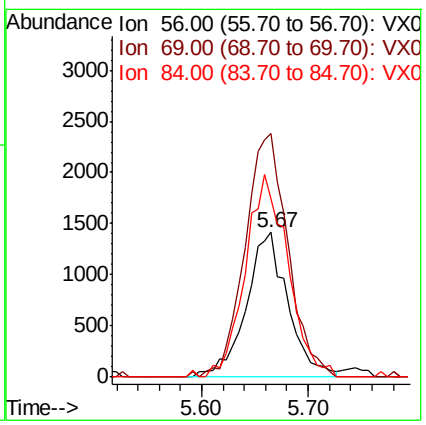


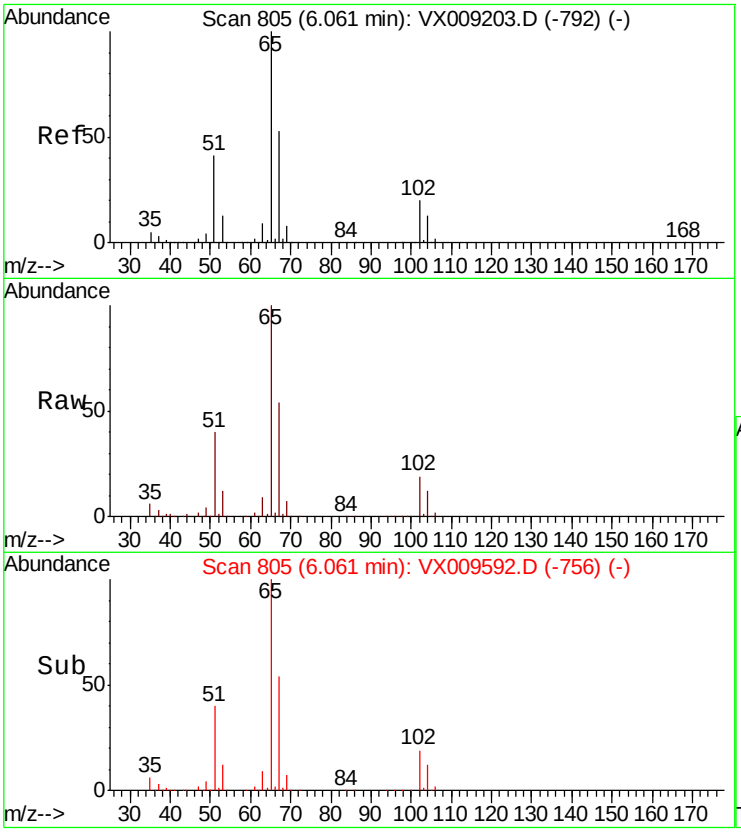


#31
Cyclohexane
Concen: 1.116 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX009592.D
Acq: 15 May 2019 19:54

Tgt Ion: 56 Resp: 3881

Ion	Ratio	Lower	Upper
56	100		
69	168.1	23.4	35.0#
84	123.1	61.9	92.9#



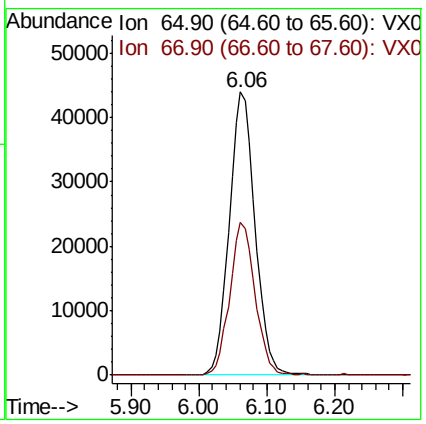


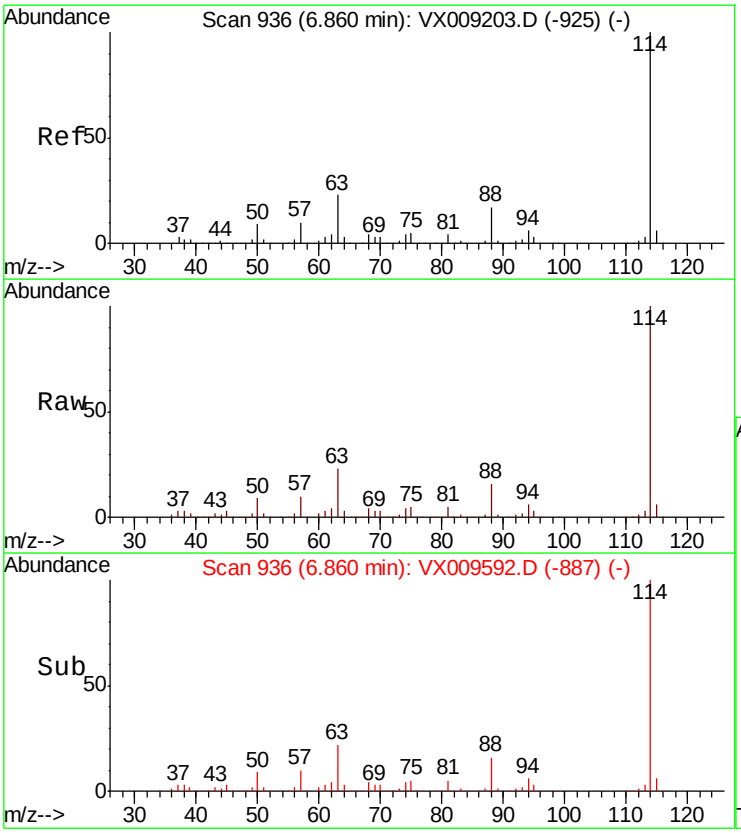
#33
1,2-Dichloroethane-d4
Concen: 49.083 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX009592.D
Acq: 15 May 2019 19:54

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 115454

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	106.6

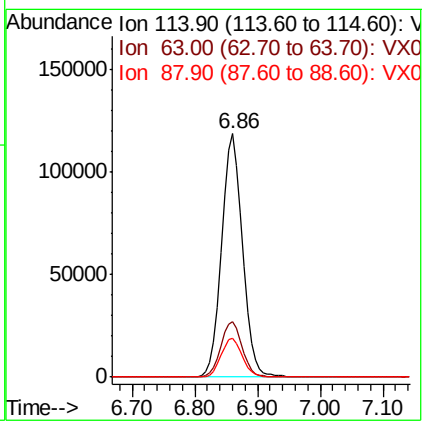


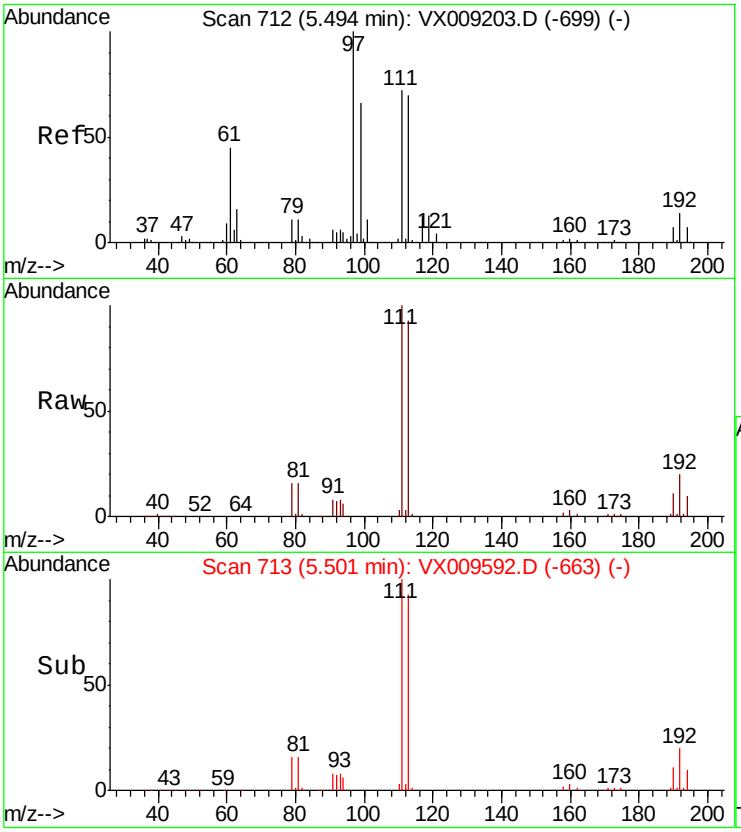


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX009592.D
Acq: 15 May 2019 19:54

Tgt Ion:114 Resp: 273863

Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	45.6
88	16.1	0.0	33.2



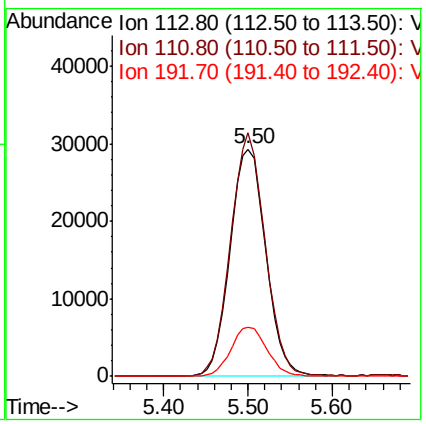


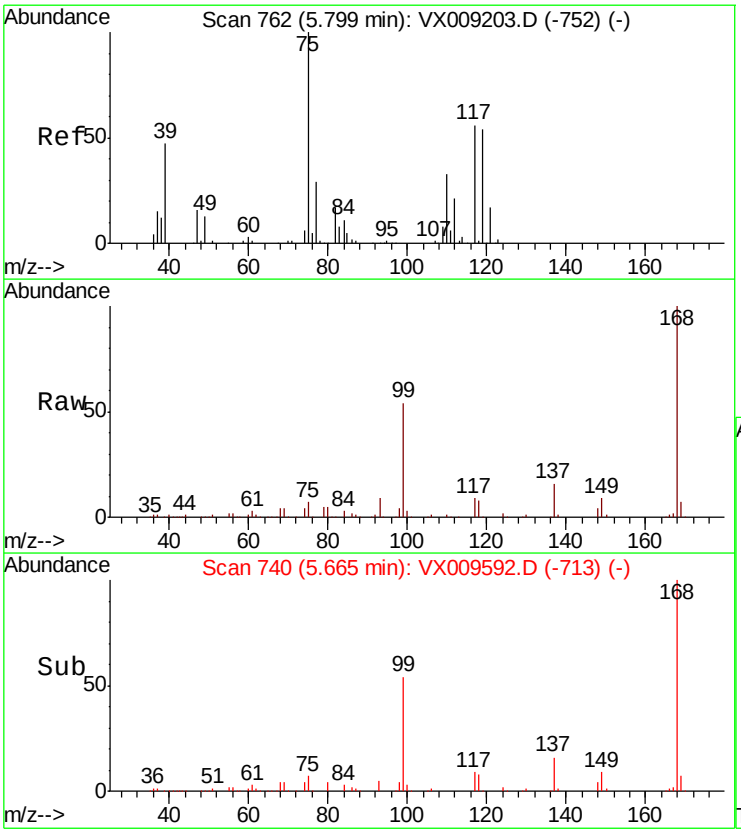
#35
Dibromofluoromethane
Concen: 48.985 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX009592.D
Acq: 15 May 2019 19:54

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 84333

Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.8	124.2
192	21.8	17.0	25.6

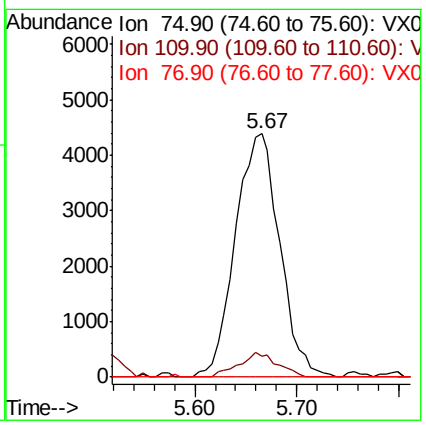


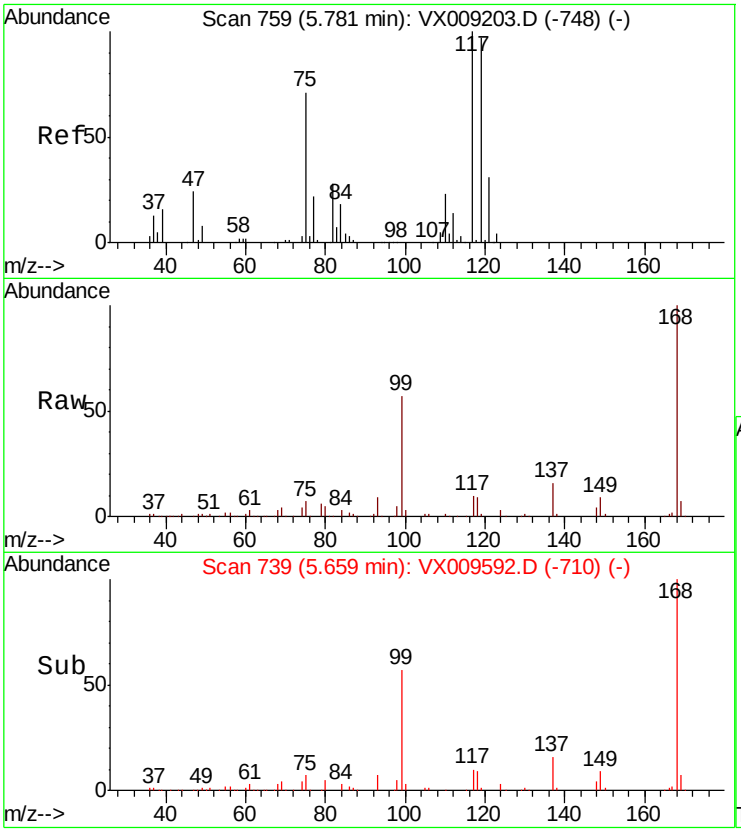


#36
1,1-Dichloropropene
Concen: 5.198 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX009592.D
Acq: 15 May 2019 19:54

Tgt Ion: 75 Resp: 13230

Ion	Ratio	Lower	Upper
75	100		
110	8.8	16.9	50.6#
77	0.0	24.8	37.2#



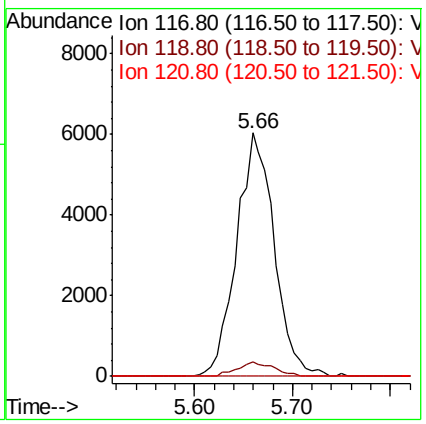


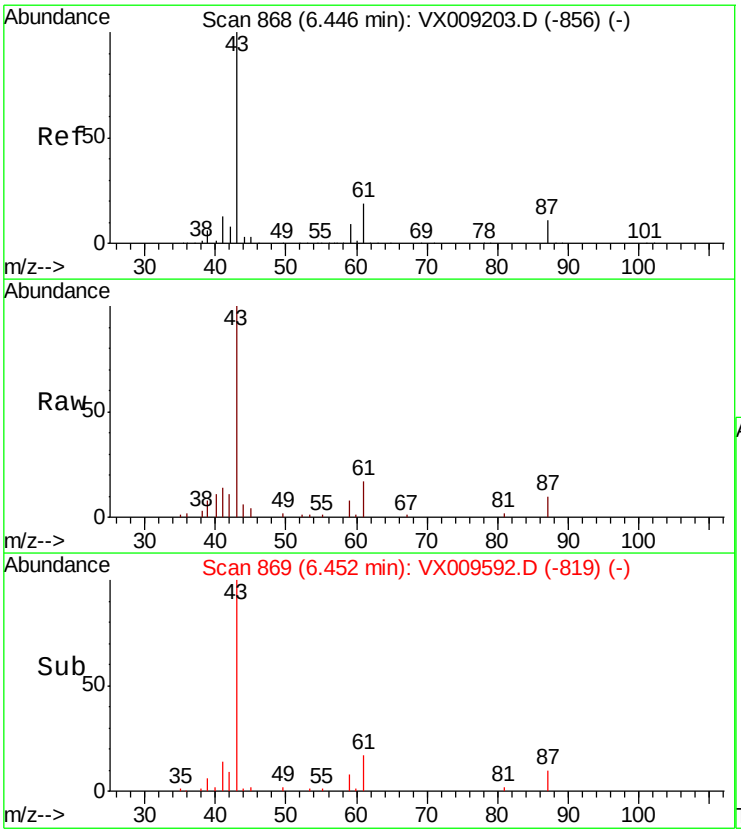
#38
Carbon Tetrachloride
Concen: 6.969 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.12 min
Lab File: VX009592.D
Acq: 15 May 2019 19:54

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 16115

Ion	Ratio	Lower	Upper
117	100		
119	5.7	77.5	116.3#
121	0.0	24.7	37.1#

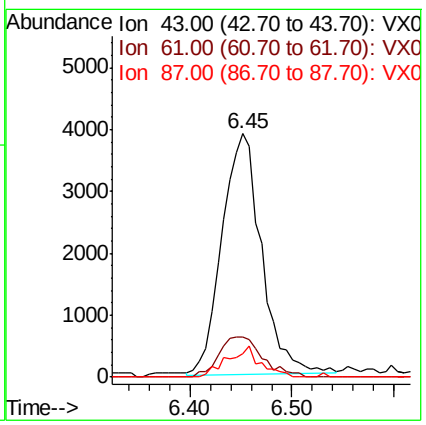


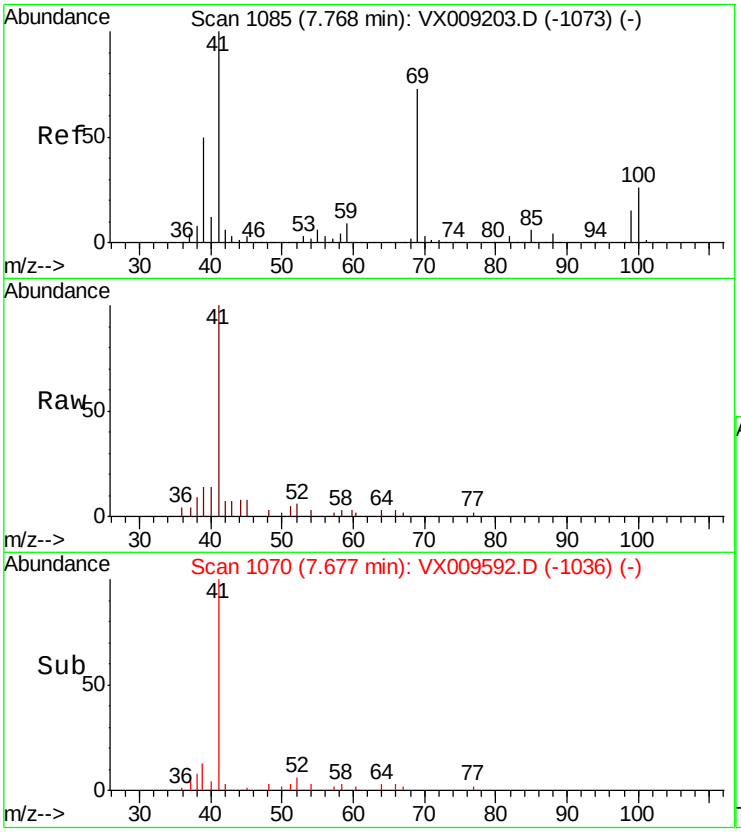


#43
Isopropyl Acetate
Concen: 1.855 ug/l
RT: 6.45 min Scan# 869
Delta R.T. 0.01 min
Lab File: VX009592.D
Acq: 15 May 2019 19:54

Tgt Ion: 43 Resp: 10523

Ion	Ratio	Lower	Upper
43	100		
61	18.5	15.1	22.7
87	10.5	9.0	13.6



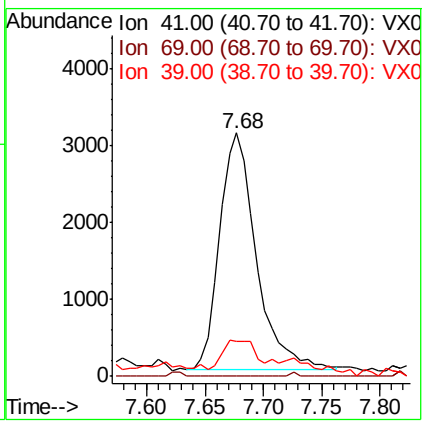


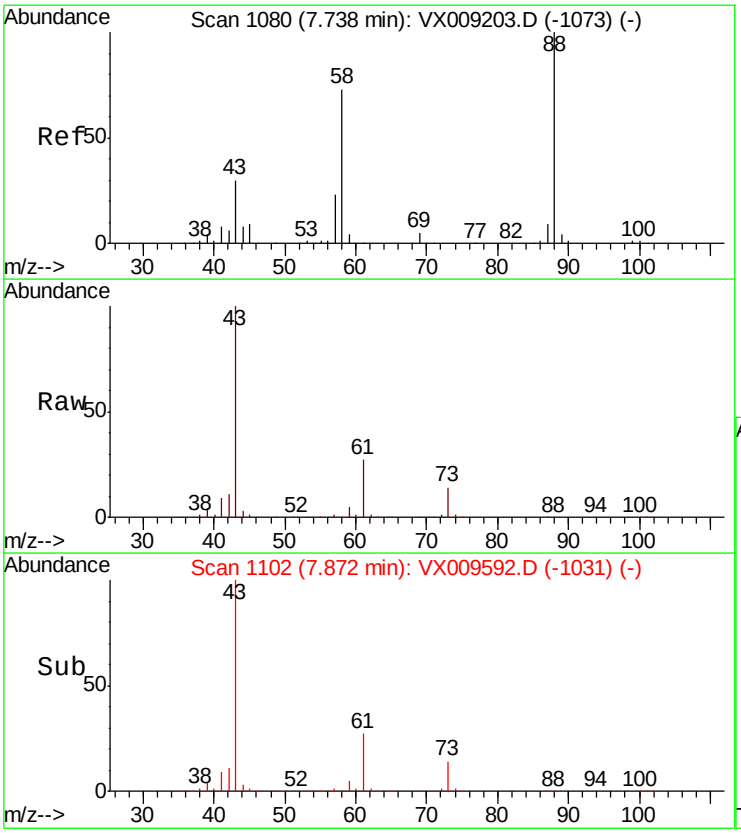
#48
Methyl methacrylate
Concen: 2.388 ug/l
RT: 7.68 min Scan# 1070
Delta R.T. -0.09 min
Lab File: VX009592.D
Acq: 15 May 2019 19:54

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 41 Resp: 6719

Ion	Ratio	Lower	Upper
41	100		
69	0.0	59.1	88.7#
39	0.0	40.4	60.6#

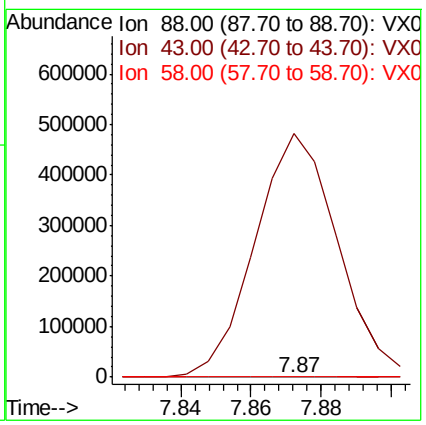


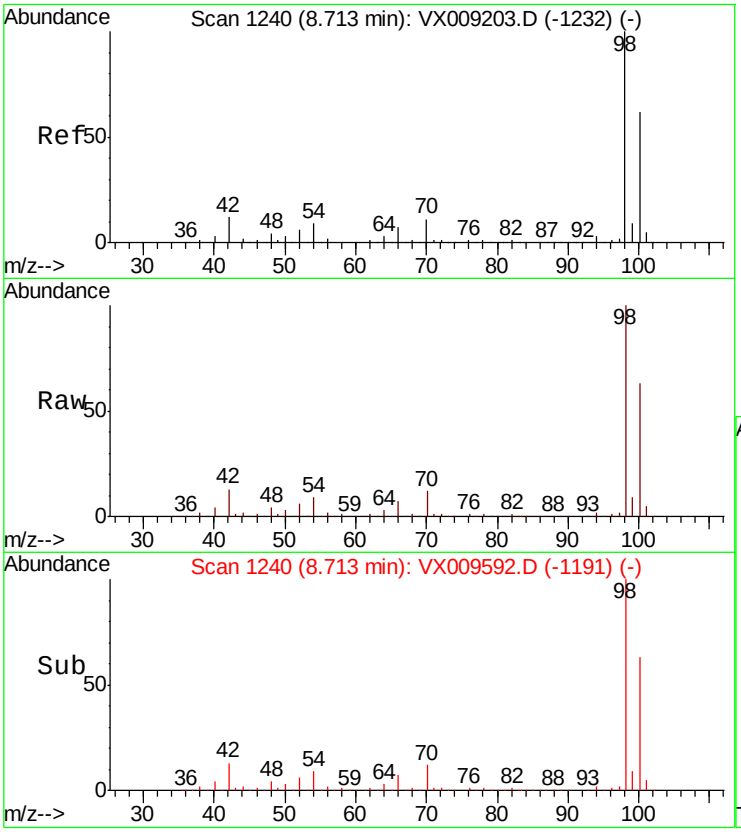


#49
1,4-Dioxane
Concen: 2.348 ug/l
RT: 7.87 min Scan# 1102
Delta R.T. 0.13 min
Lab File: VX009592.D
Acq: 15 May 2019 19:54

Tgt Ion: 88 Resp: 134

Ion	Ratio	Lower	Upper
88	100		
43	601515.7	28.6	42.8#
58	2279.1	61.7	92.5#



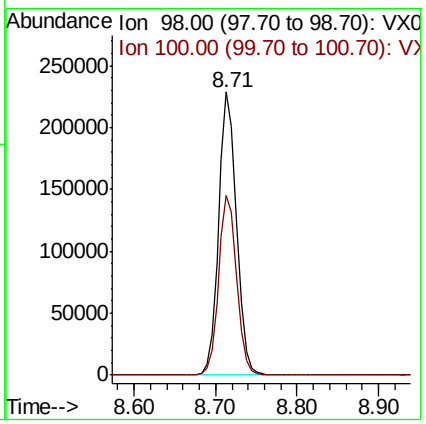


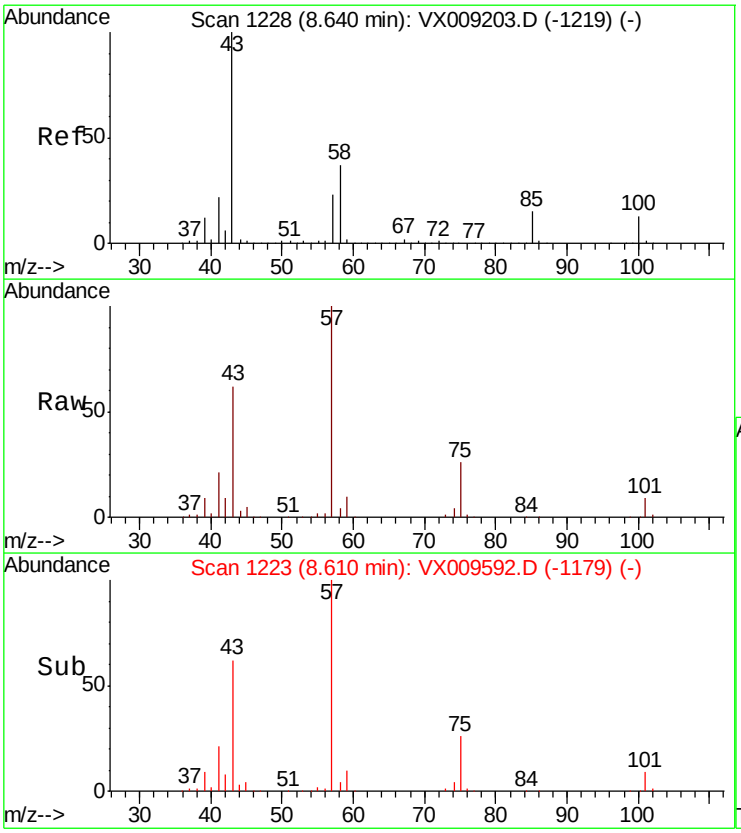
#50
Toluene-d8
Concen: 50.101 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009592.D
Acq: 15 May 2019 19:54

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 348234

Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.2	76.8

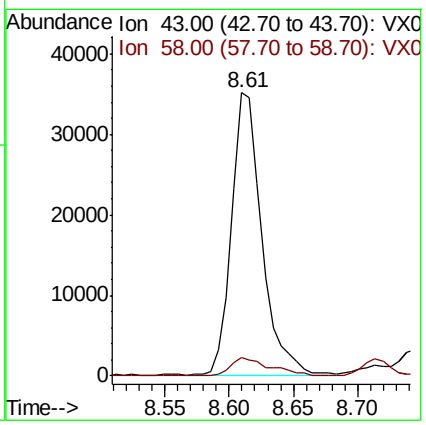


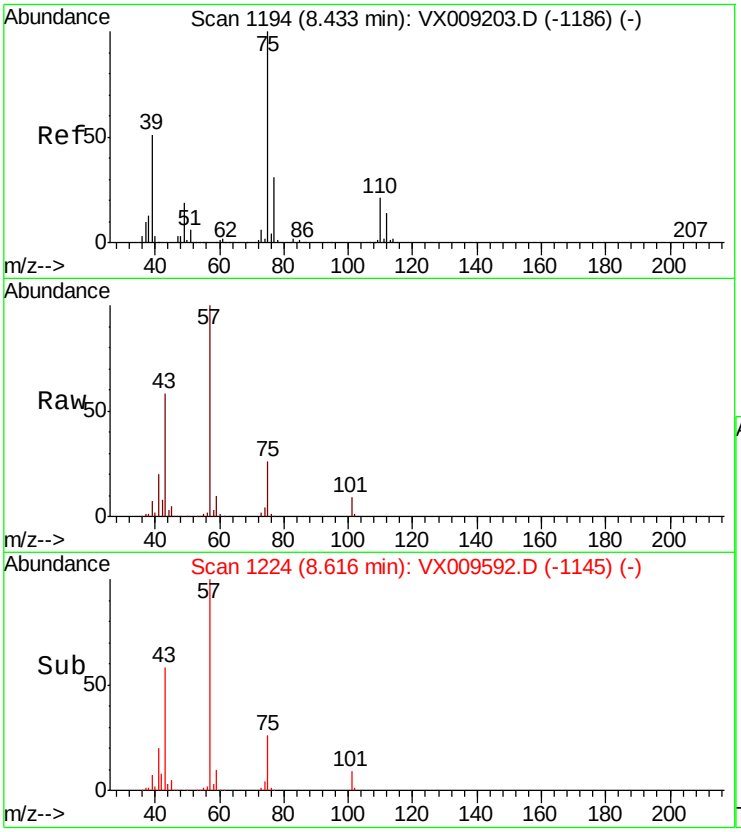


#51
4-Methyl-2-Pentanone
Concen: 15.452 ug/l
RT: 8.61 min Scan# 1223
Delta R.T. -0.03 min
Lab File: VX009592.D
Acq: 15 May 2019 19:54

Tgt Ion: 43 Resp: 57285

Ion	Ratio	Lower	Upper
43	100		
58	8.7	29.5	44.3#



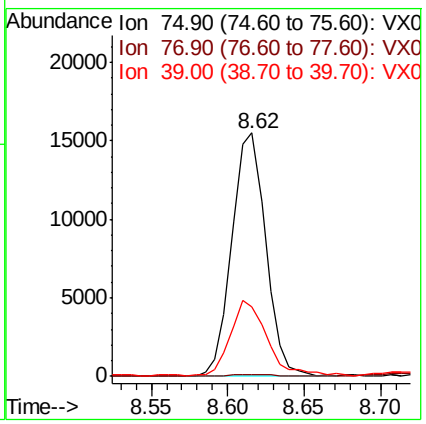


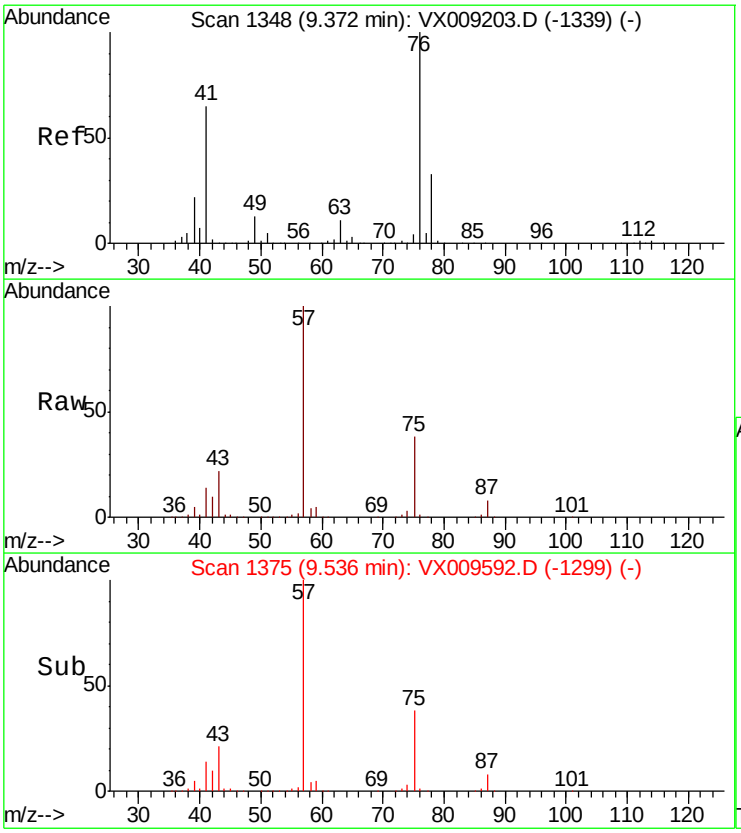
#54
cis-1,3-Dichloropropene
Concen: 7.384 ug/l
RT: 8.62 min Scan# 1224
Delta R.T. 0.18 min
Lab File: VX009592.D
Acq: 15 May 2019 19:54

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 23840

Ion	Ratio	Lower	Upper
75	100		
77	0.6	24.6	36.8#
39	28.3	40.6	60.8#

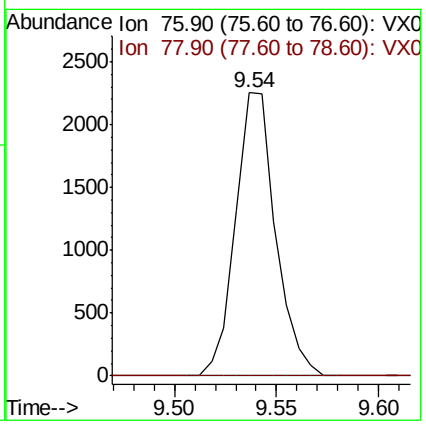


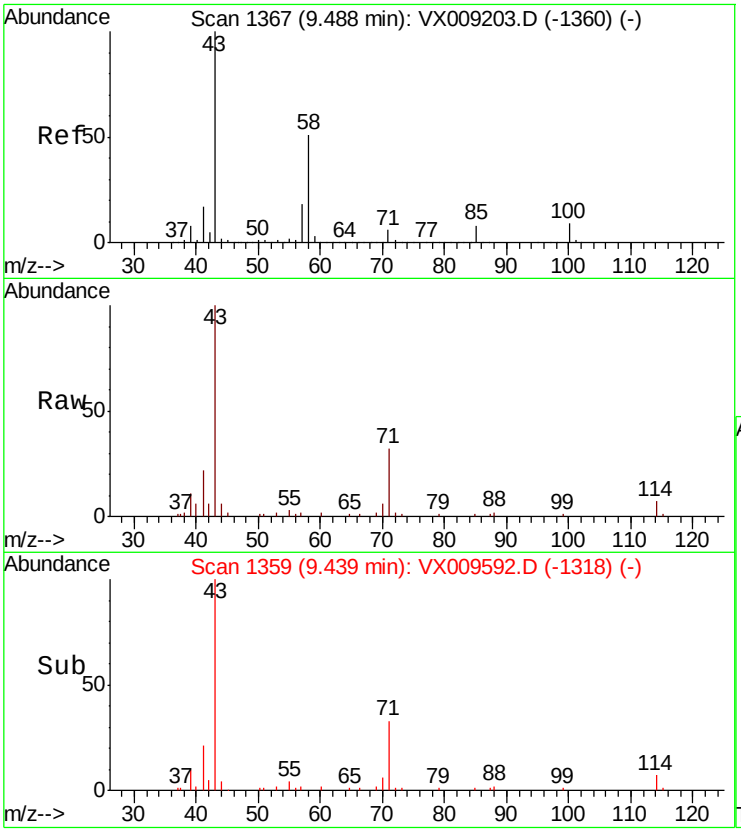


#57
1,3-Dichloropropane
Concen: 0.895 ug/l
RT: 9.54 min Scan# 1375
Delta R.T. 0.16 min
Lab File: VX009592.D
Acq: 15 May 2019 19:54

Tgt Ion: 76 Resp: 3076

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.5	38.3#



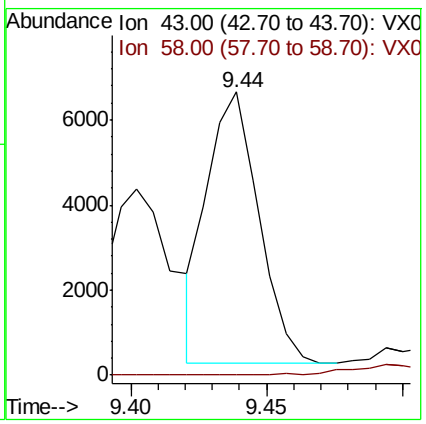


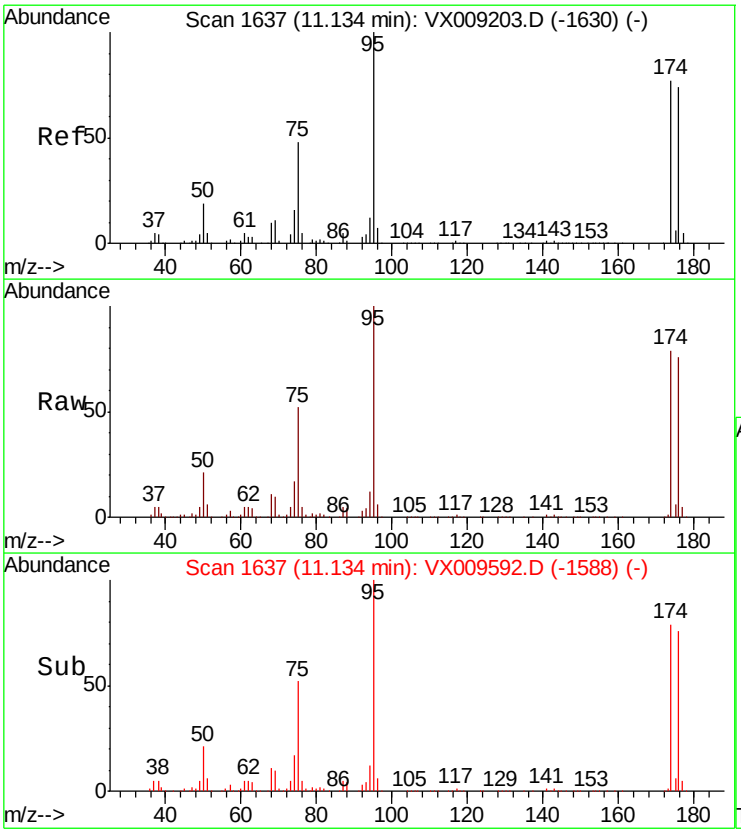
#59
2-Hexanone
Concen: 2.881 ug/l
RT: 9.44 min Scan# 1359
Delta R.T. -0.05 min
Lab File: VX009592.D
Acq: 15 May 2019 19:54

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 8389

Ion	Ratio	Lower	Upper
43	100		
58	0.0	25.9	77.7#

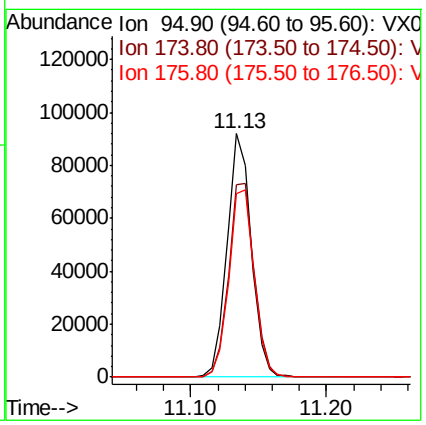


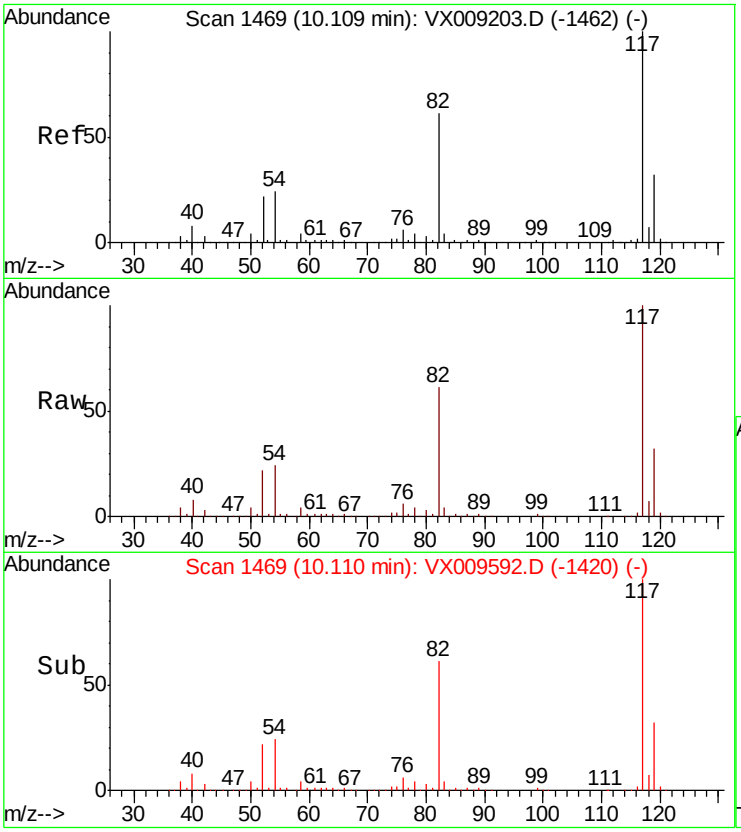


#62
4-Bromofluorobenzene
Concen: 44.928 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX009592.D
Acq: 15 May 2019 19:54

Tgt Ion: 95 Resp: 113468

Ion	Ratio	Lower	Upper
95	100		
174	84.6	0.0	161.6
176	81.0	0.0	159.2



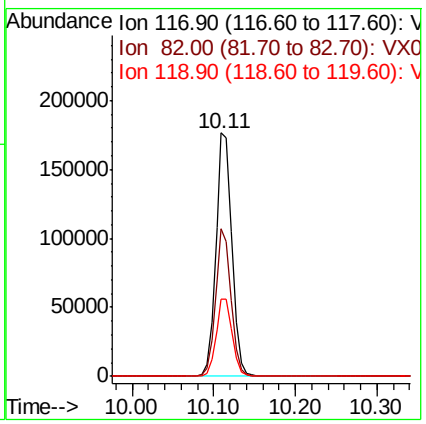


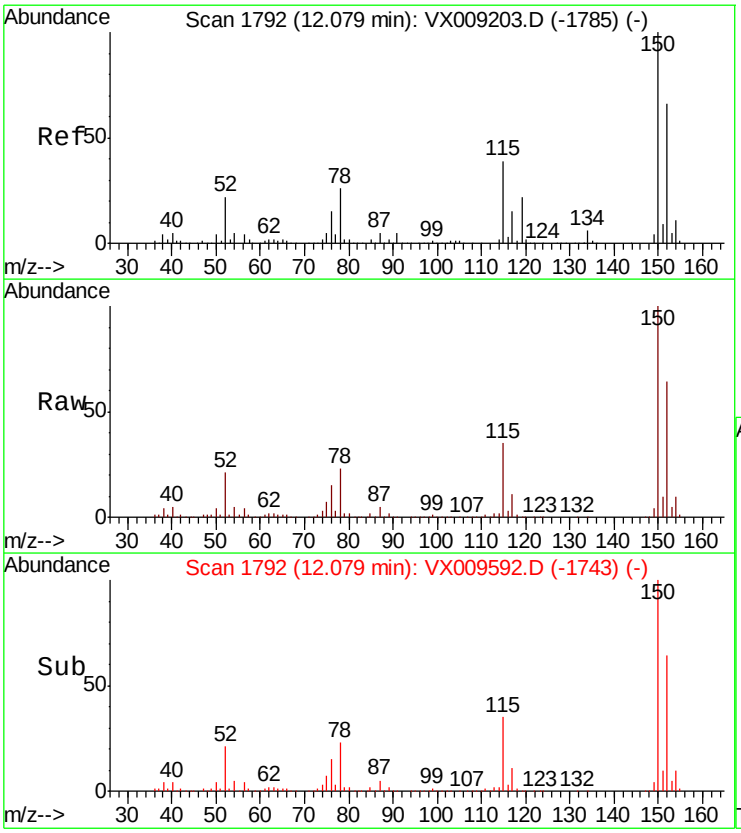
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009592.D
Acq: 15 May 2019 19:54

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 244375

Ion	Ratio	Lower	Upper
117	100		
82	60.6	48.8	73.2
119	31.9	25.8	38.6

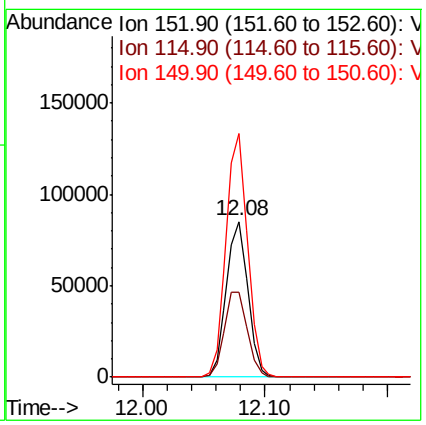


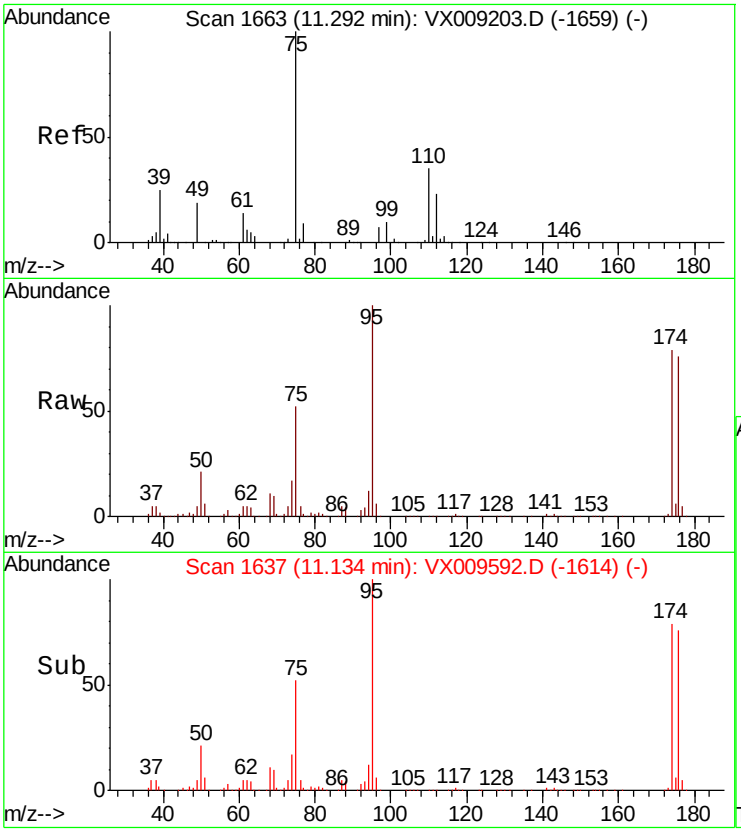


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009592.D
Acq: 15 May 2019 19:54

Tgt Ion:152 Resp: 103614

Ion	Ratio	Lower	Upper
152	100		
115	58.3	41.2	123.6
150	156.4	0.0	346.4



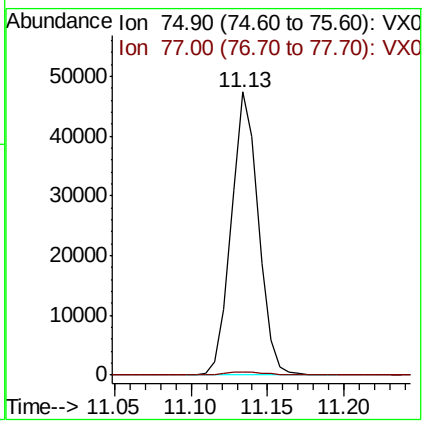


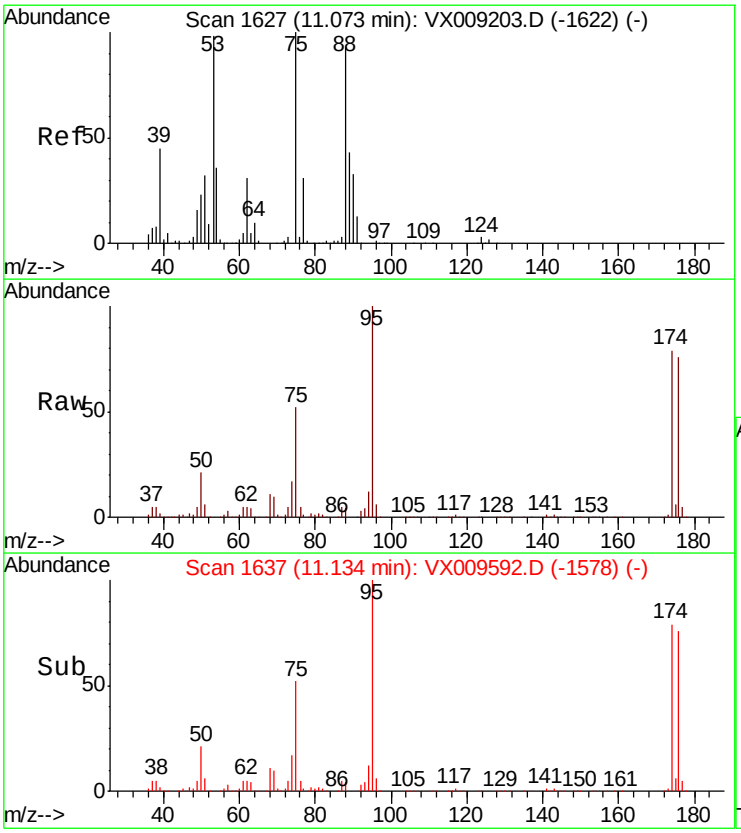
#76
1,2,3-Trichloropropane
Concen: 24.183 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX009592.D
Acq: 15 May 2019 19:54

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 58124

Ion	Ratio	Lower	Upper
75	100		
77	1.5	22.1	66.1#

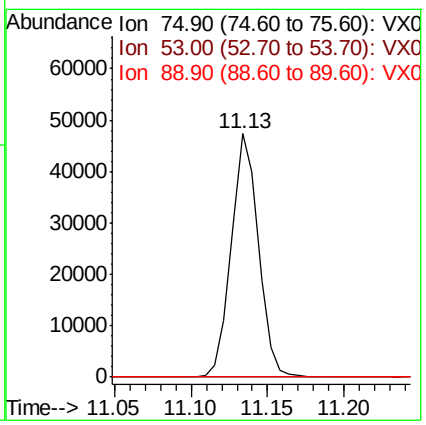


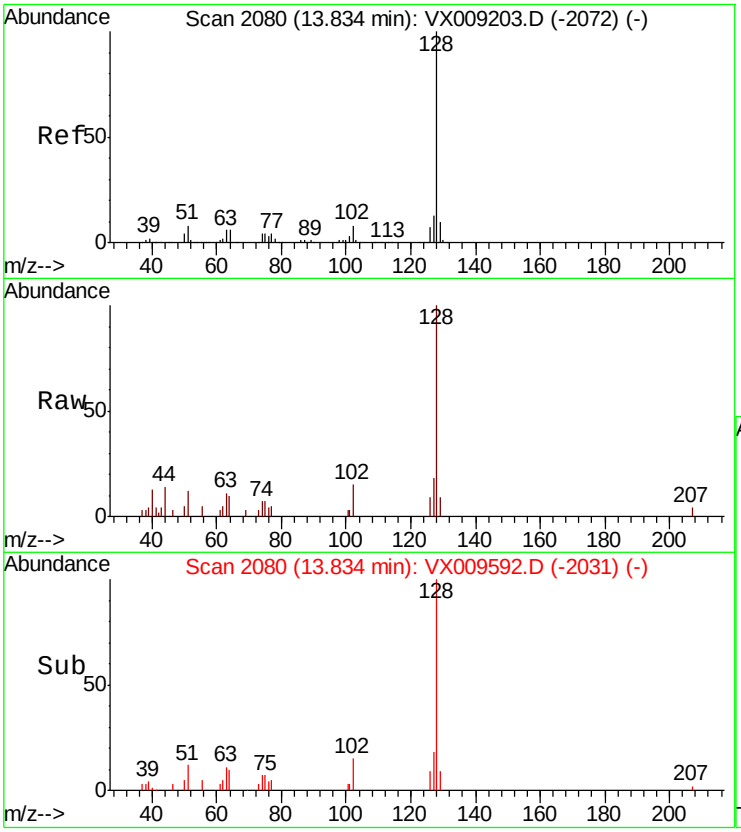


#81
trans-1,4-Dichloro-2-butene
Concen: 61.877 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX009592.D
Acq: 15 May 2019 19:54

Tgt Ion: 75 Resp: 58124

Ion	Ratio	Lower	Upper
75	100		
53	0.0	79.0	118.6#
89	0.0	34.7	52.1#





#95
Naphthalene
Concen: 0.379 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX009592.D
Acq: 15 May 2019 19:54

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 2864

Ion	Ratio	Lower	Upper
128	100		
127	16.9	10.4	15.6#
129	10.0	8.6	13.0