Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX052219\
Data File : VX009797.D
Acq On : 22 May 2019 12:27
Operator : JC/SP
Sample : K2642-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: May 23 07:14:07 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	174157	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	282937	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	249105	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	106684	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	119425	50.23	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.46%			
35) Dibromofluoromethane	5.50	113	87302	49.08	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.16%			
50) Toluene-d8	8.71	98	359834	50.11	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.22%			
62) 4-Bromofluorobenzene	11.13	95	118316	45.34	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.68%			
Target Compounds						Qvalue
5) Bromomethane	1.64	94	415	0.324	ug/l #	56
6) Chloroethane	1.73	64	500	0.364	ug/l	100
10) Methyl Iodide	2.51	142	106	4.645	ug/l #	42
11) Tert butyl alcohol	3.03	59	385	0.700	ug/l #	86
13) Acrolein	2.29	56	312	0.626	ug/l #	76
16) Acetone	2.44	43	9024	7.069	ug/l	94
18) Methyl Acetate	2.78	43	3853	1.269	ug/l	94
20) Methylene Chloride	2.86	84	23451	11.345	ug/l	98
25) 2-Butanone	4.69	43	1702	0.858	ug/l	94
28) Bromochloromethane	4.99	49	21	Below Cal	#	20
29) Tetrahydrofuran	5.15	42	1108	0.868	ug/l #	88
30) Chloroform	5.21	83	1218	0.356	ug/l #	70
36) 1,1-Dichloropropene	5.66	75	13777	5.240	ug/l #	46
38) Carbon Tetrachloride	5.67	117	16817	7.039	ug/l #	16
43) Isopropyl Acetate	6.45	43	10788	1.841	ug/l	95
48) Methyl methacrylate	7.68	41	7068	2.431	ug/l #	19
49) 1,4-Dioxane	7.87	88	204	3.460	ug/l #	1
51) 4-Methyl-2-Pentanone	8.61	43	81617	21.309	ug/l #	50
54) cis-1,3-Dichloropropene	8.61	75	34060	10.212	ug/l #	61
57) 1,3-Dichloropropane	9.54	76	7840	2.208	ug/l #	43
59) 2-Hexanone	9.44	43	11326	3.765	ug/l #	26
68) m/p-Xylenes	10.35	106	1303	0.389	ug/l	82
76) 1,2,3-Trichloropropane	11.13	75	62106	25.097	ug/l #	34
80) 1,3,5-Trimethylbenzene	11.51	105	3198	0.490	ug/l	92
81) trans-1,4-Dichloro-2-buten	11.13	75	62106	64.213	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.80	105	5404	0.824	ug/l	100
95) Naphthalene	13.83	128	10193	1.310	ug/l	99

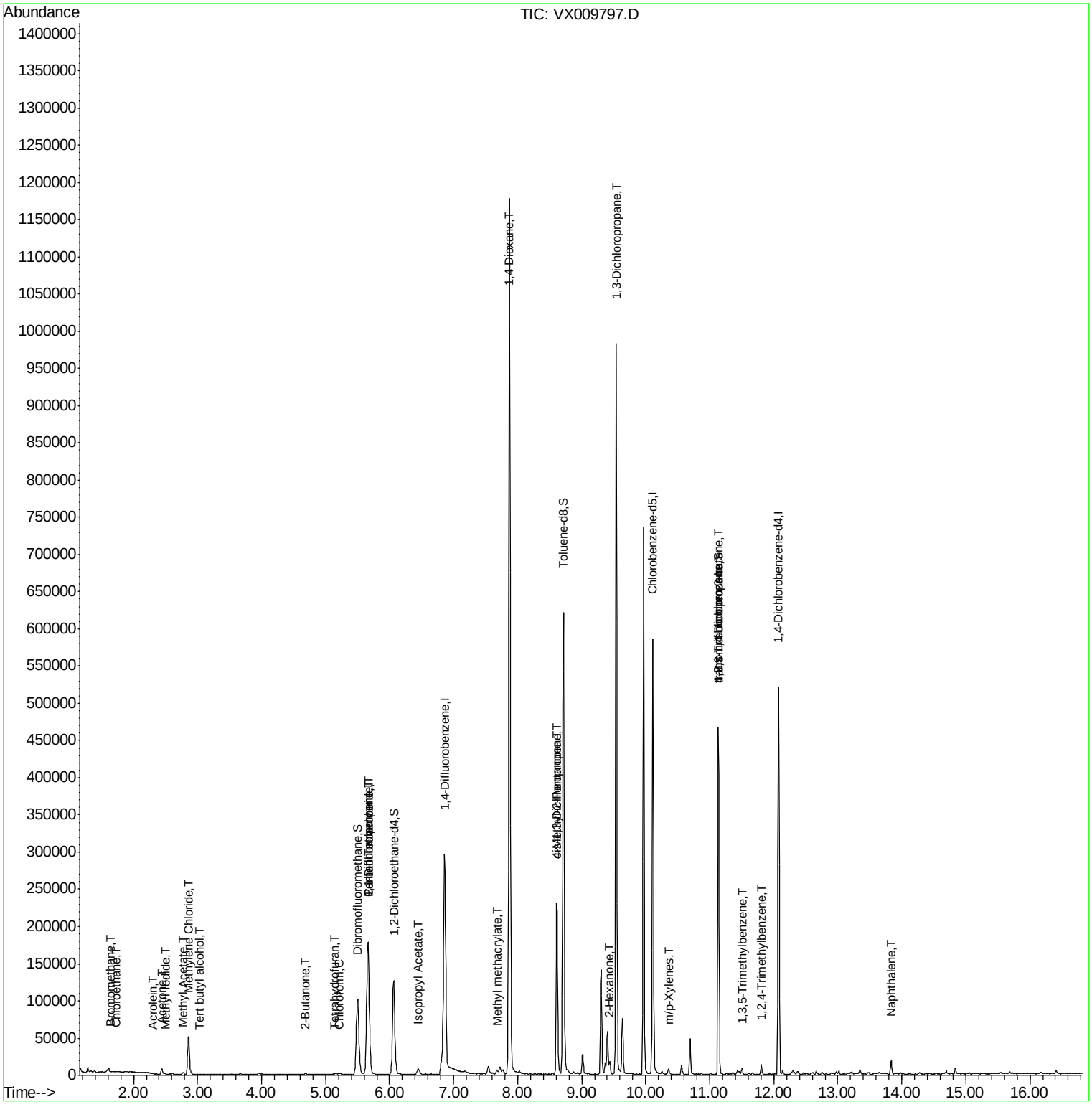
(#) = qualifier out of range (m) = manual integration (+) = signals summed

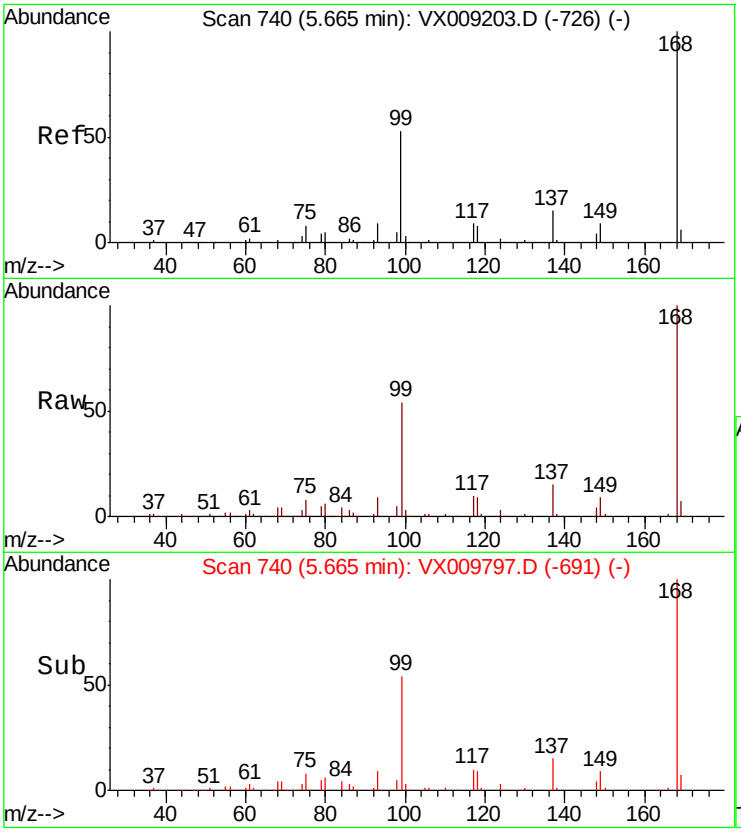
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX052219\
Data File : VX009797.D
Acq On : 22 May 2019 12:27
Operator : JC/SP
Sample : K2642-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: May 23 07:14:07 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



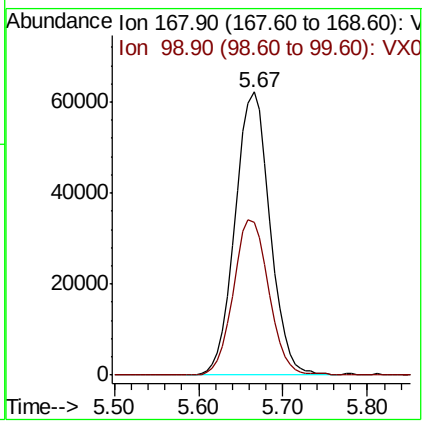


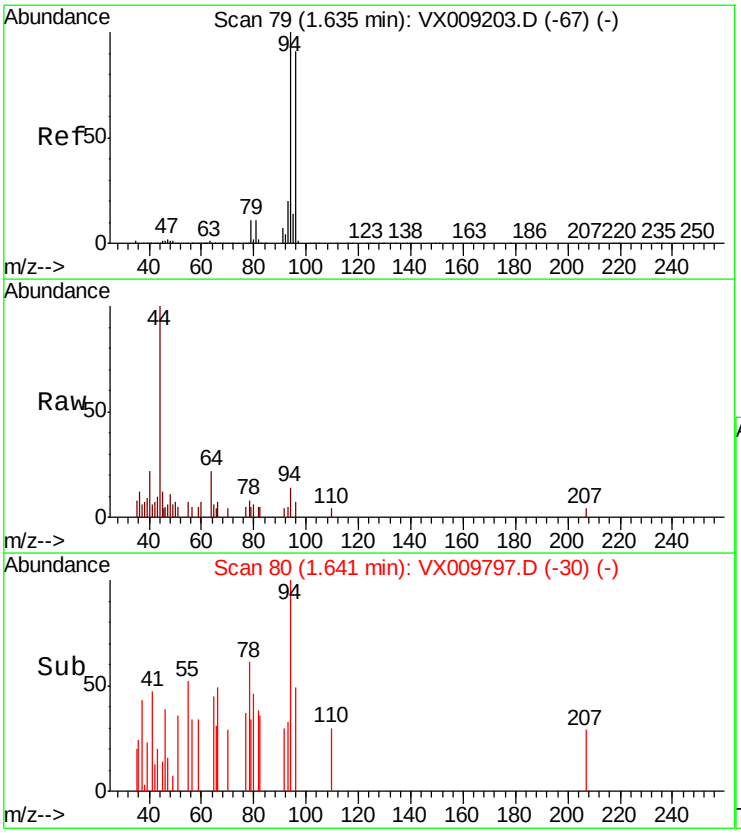
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.00 min
Lab File: VX009797.D
Acq: 22 May 2019 12:27

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 174157

Ion	Ratio	Lower	Upper
168	100		
99	54.1	42.3	63.5

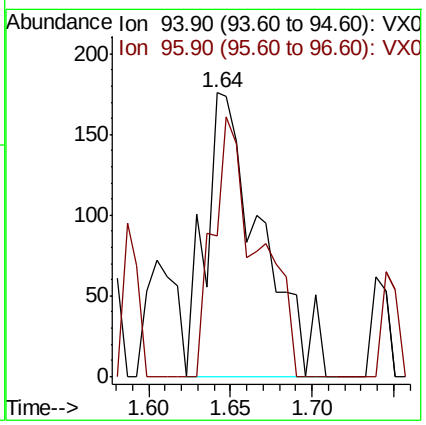


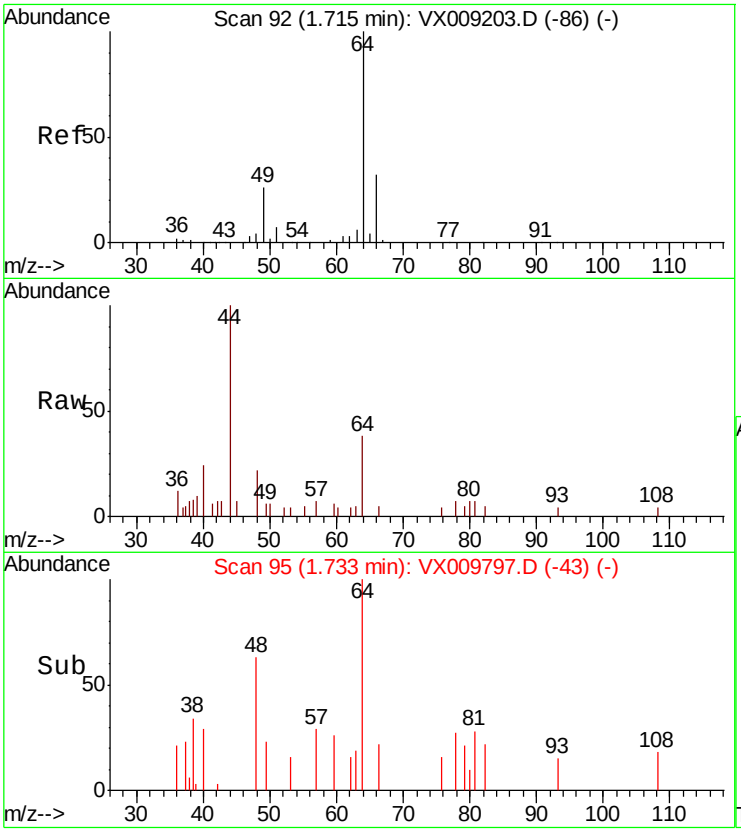


#5
Bromomethane
Concen: 0.324 ug/l
RT: 1.64 min Scan# 80
Delta R.T. 0.01 min
Lab File: VX009797.D
Acq: 22 May 2019 12:27

Tgt Ion: 94 Resp: 415

Ion	Ratio	Lower	Upper
94	100		
96	49.4	73.0	109.6#



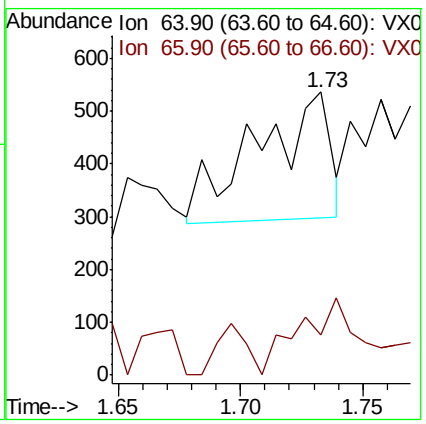


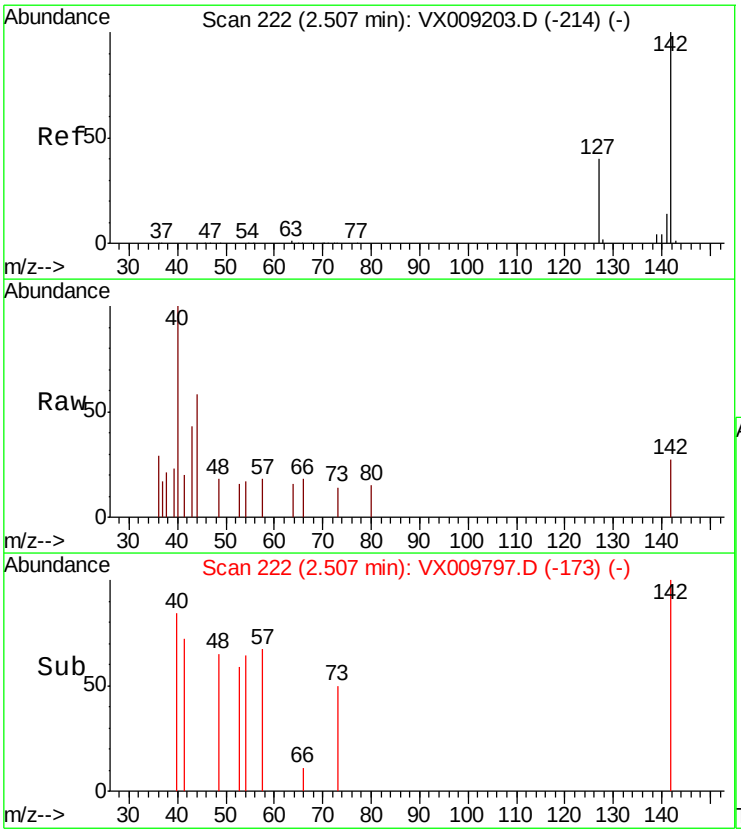
#6
Chloroethane
Concen: 0.364 ug/l
RT: 1.73 min Scan# 95
Delta R.T. 0.02 min
Lab File: VX009797.D
Acq: 22 May 2019 12:27

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 64 Resp: 500

Ion	Ratio	Lower	Upper
64	100		
66	31.5	25.3	37.9

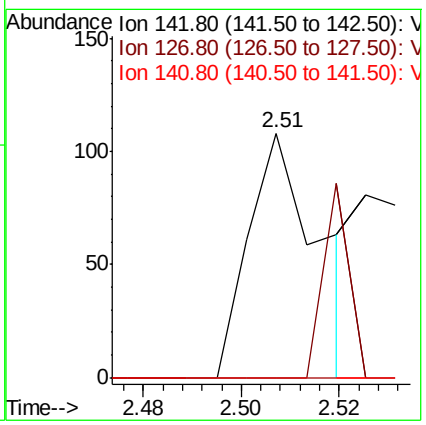


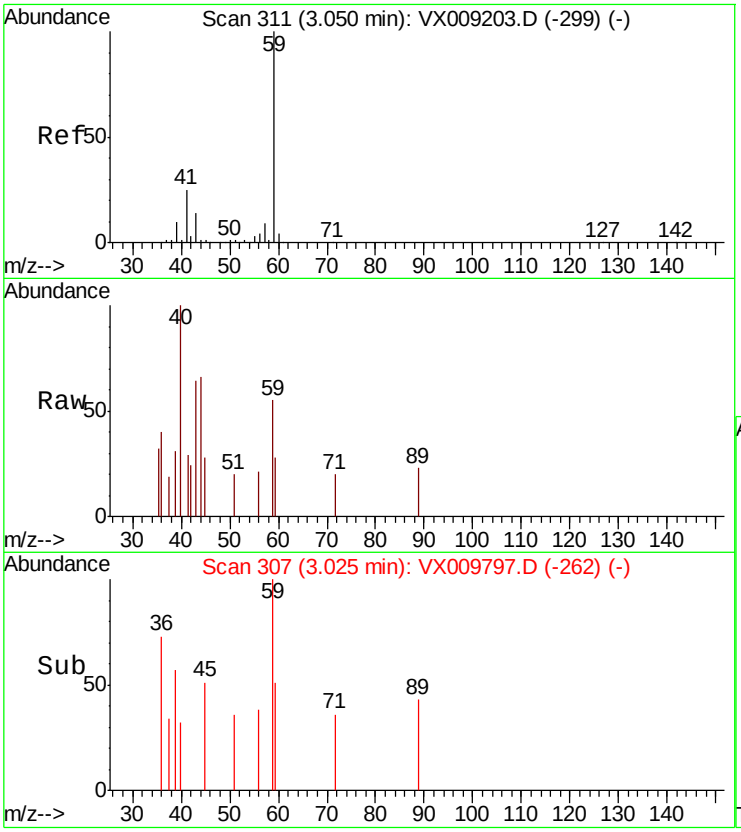


#10
Methyl Iodide
Concen: 4.645 ug/l
RT: 2.51 min Scan# 222
Delta R.T. 0.00 min
Lab File: VX009797.D
Acq: 22 May 2019 12:27

Tgt Ion:142 Resp: 106

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



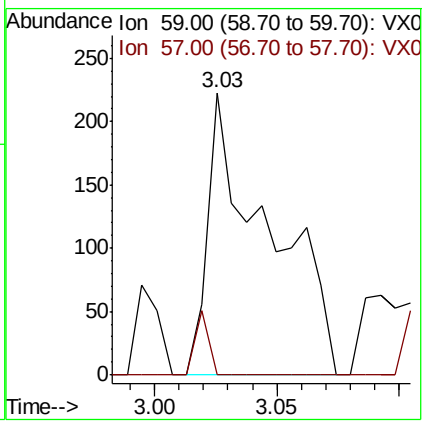


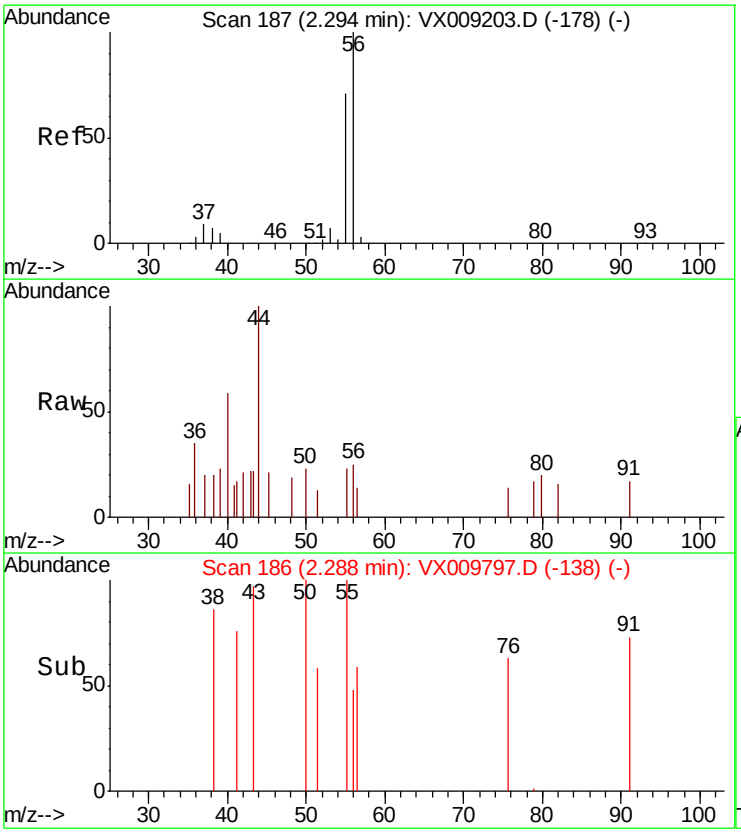
#11
Tert butyl alcohol
Concen: 0.700 ug/l
RT: 3.03 min Scan# 307
Delta R.T. -0.02 min
Lab File: VX009797.D
Acq: 22 May 2019 12:27

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 59 Resp: 385

Ion	Ratio	Lower	Upper
59	100		
57	4.9	8.2	12.2#

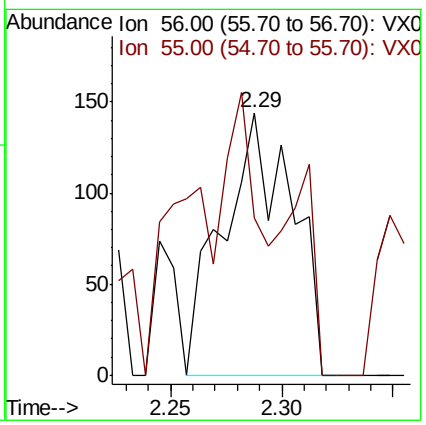


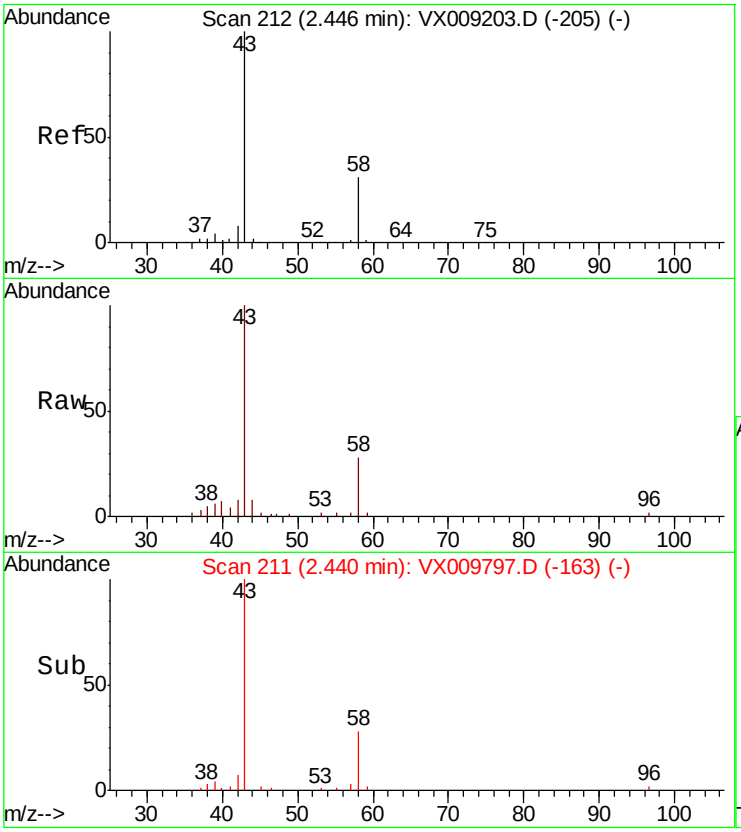


#13
Acrolein
Concen: 0.626 ug/l
RT: 2.29 min Scan# 186
Delta R.T. -0.01 min
Lab File: VX009797.D
Acq: 22 May 2019 12:27

Tgt Ion: 56 Resp: 312

Ion	Ratio	Lower	Upper
56	100		
55	50.6	56.6	85.0#



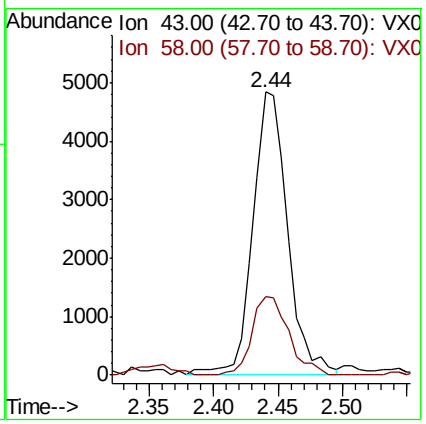


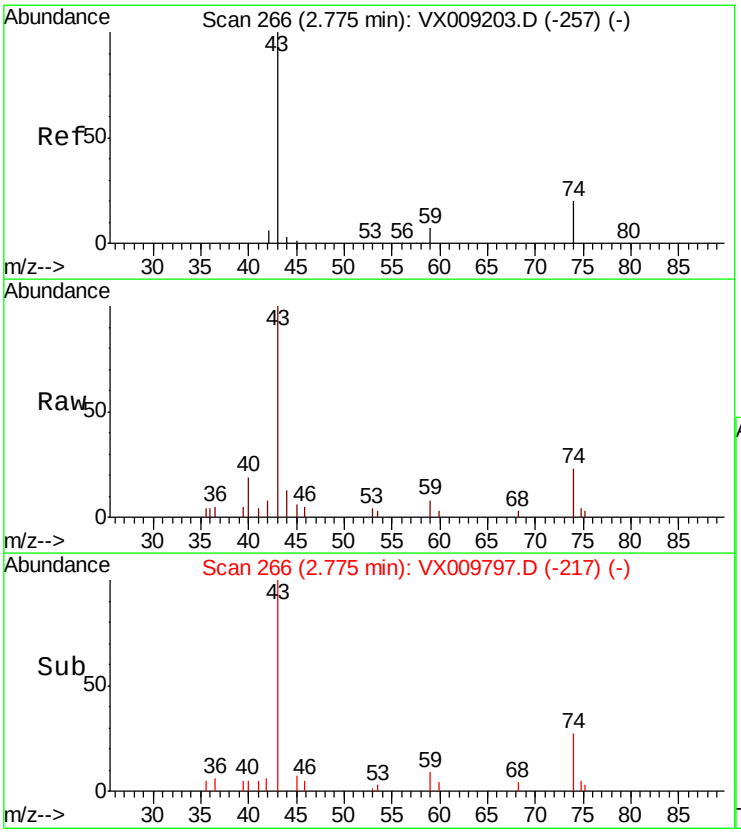
#16
Acetone
Concen: 7.069 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX009797.D
Acq: 22 May 2019 12:27

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 9024

Ion	Ratio	Lower	Upper
43	100		
58	27.6	24.9	37.3

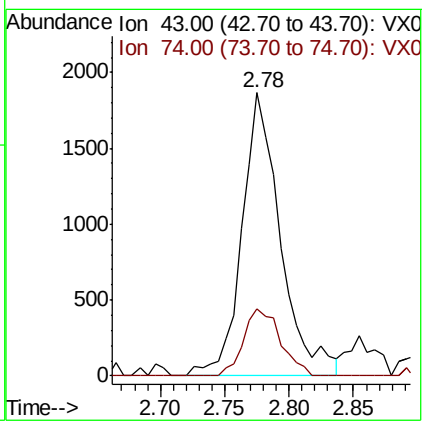


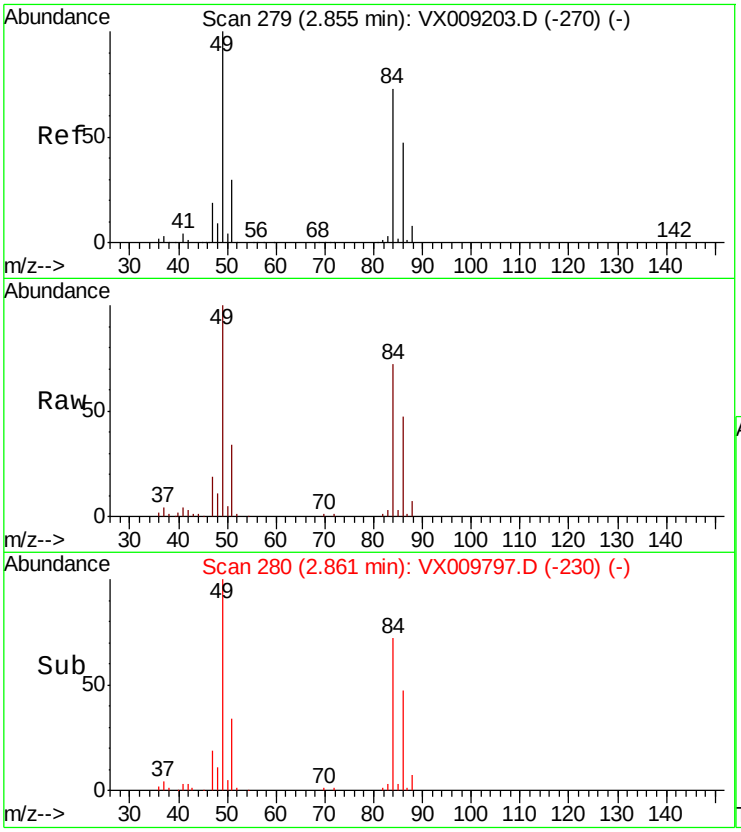


#18
Methyl Acetate
Concen: 1.269 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX009797.D
Acq: 22 May 2019 12:27

Tgt Ion: 43 Resp: 3853

Ion	Ratio	Lower	Upper
43	100		
74	22.9	16.2	24.4



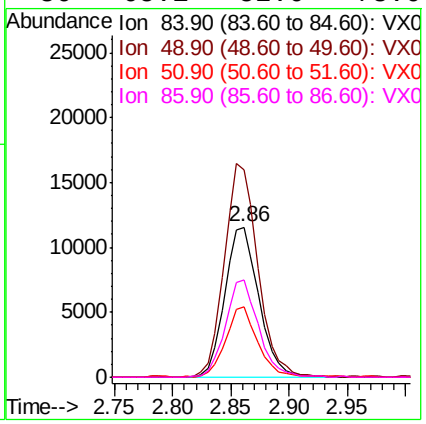


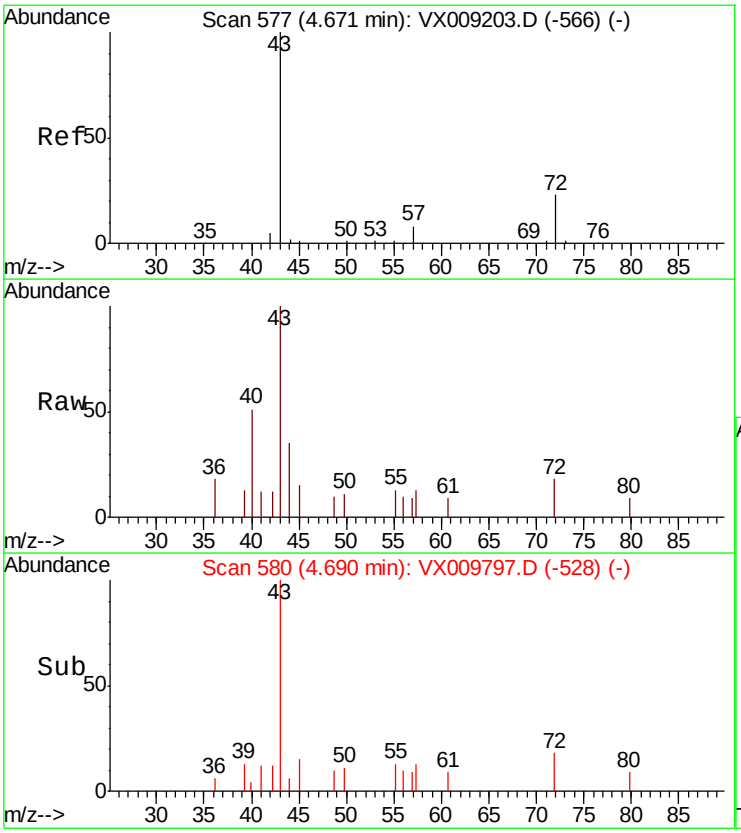
#20
Methylene Chloride
Concen: 11.345 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX009797.D
Acq: 22 May 2019 12:27

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 84 Resp: 23451

Ion	Ratio	Lower	Upper
84	100		
49	138.5	109.9	164.9
51	46.7	32.7	49.1
86	65.1	52.0	78.0

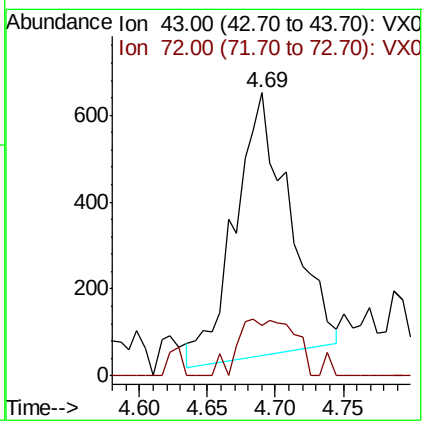


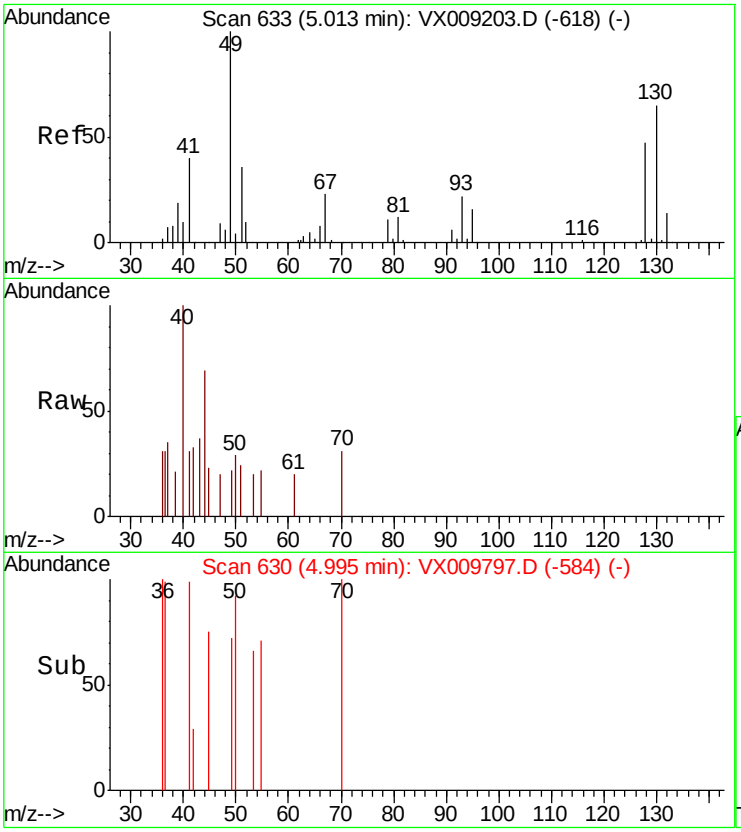


#25
2-Butanone
Concen: 0.858 ug/l
RT: 4.69 min Scan# 580
Delta R.T. 0.02 min
Lab File: VX009797.D
Acq: 22 May 2019 12:27

Tgt Ion: 43 Resp: 1702

Ion	Ratio	Lower	Upper
43	100		
72	20.0	18.2	27.2



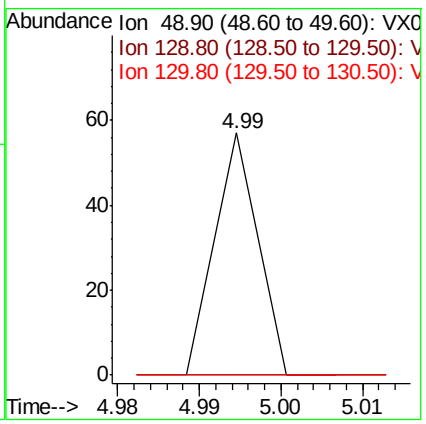


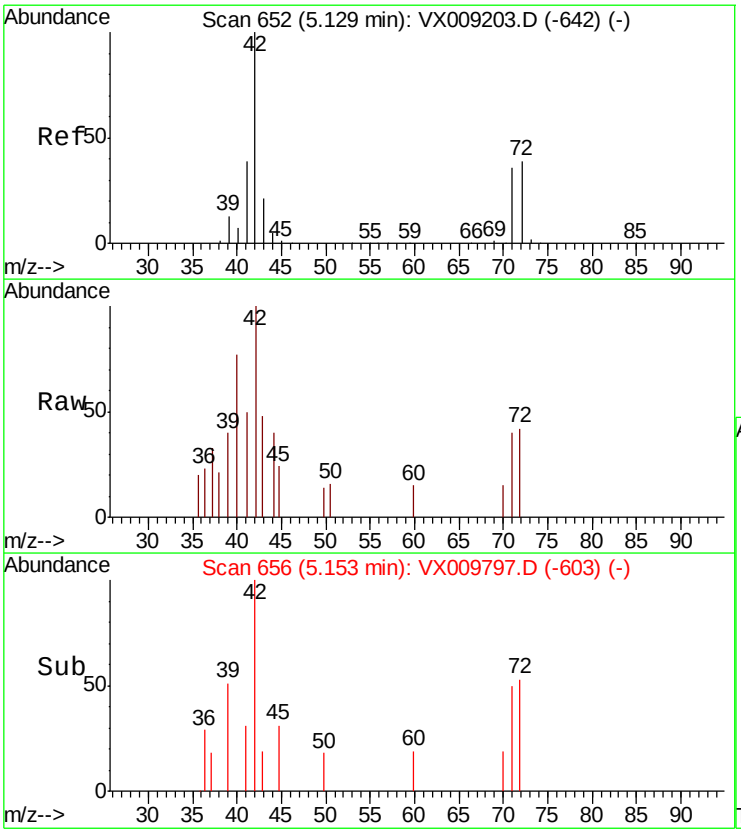
#28
Bromochloromethane
Concen: Below Cal
RT: 4.99 min Scan# 630
Delta R.T. -0.02 min
Lab File: VX009797.D
Acq: 22 May 2019 12:27

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#

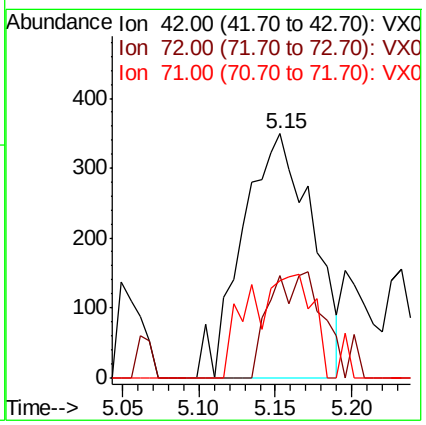


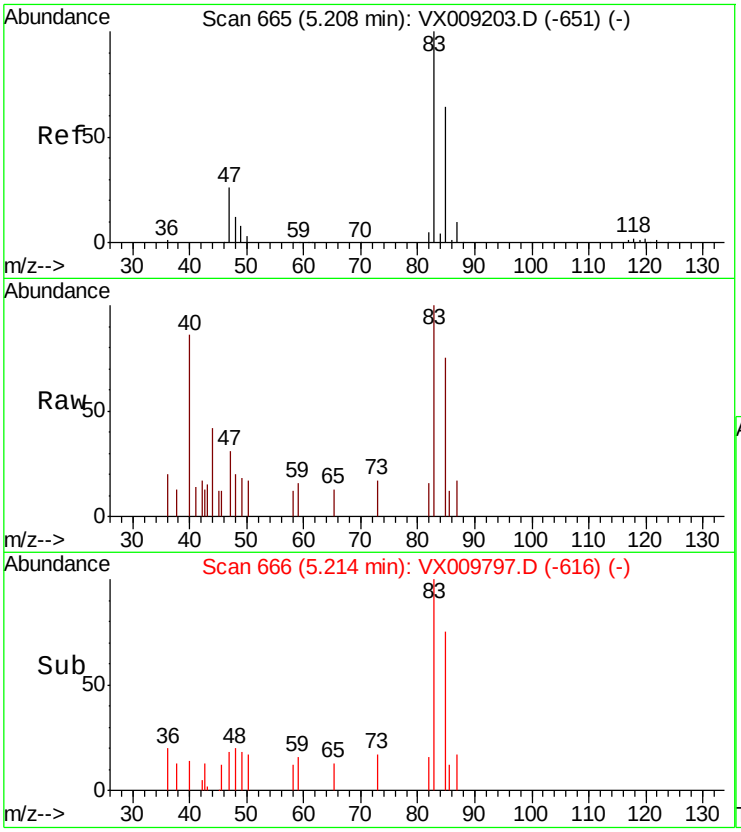


#29
Tetrahydrofuran
Concen: 0.868 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.02 min
Lab File: VX009797.D
Acq: 22 May 2019 12:27

Tgt Ion: 42 Resp: 1108

Ion	Ratio	Lower	Upper
42	100		
72	34.5	30.4	45.6
71	25.5	28.6	43.0#



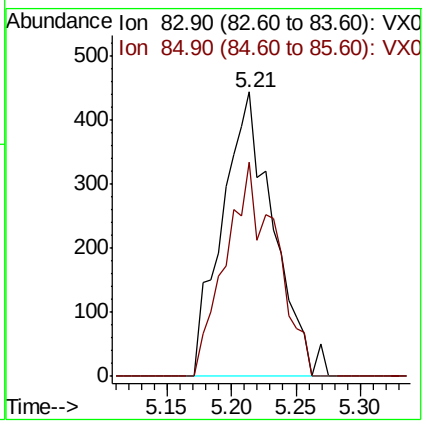


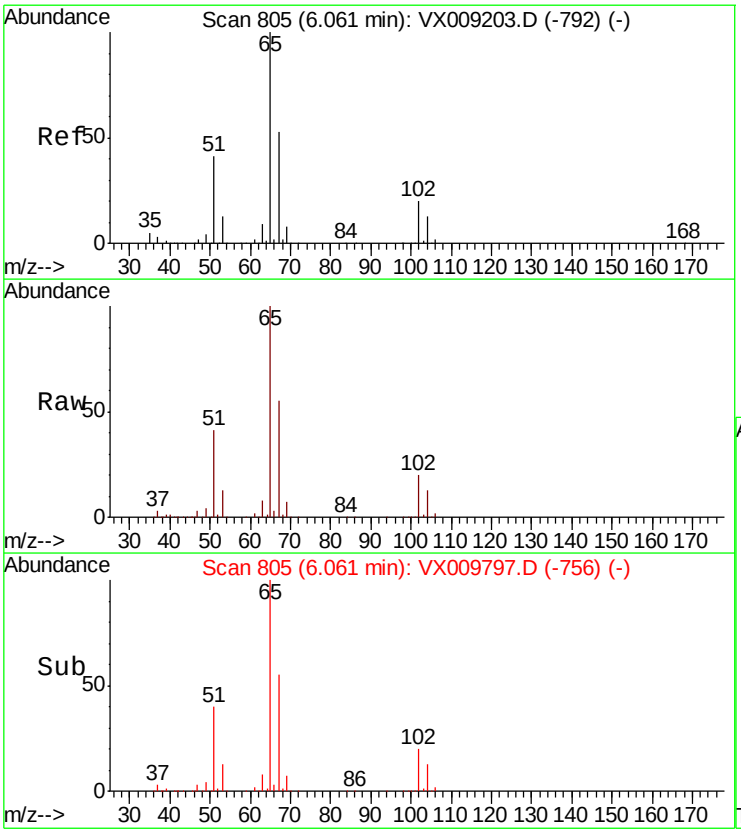
#30
Chloroform
Concen: 0.356 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX009797.D
Acq: 22 May 2019 12:27

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 83 Resp: 1218

Ion	Ratio	Lower	Upper
83	100		
85	87.6	51.5	77.3#

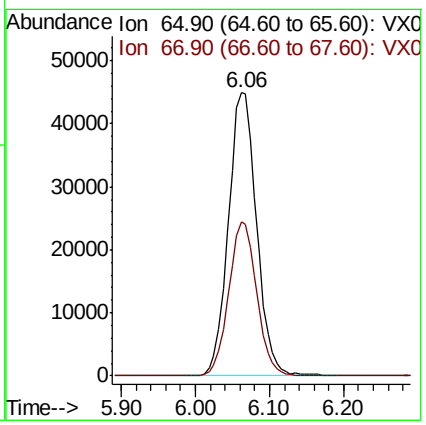


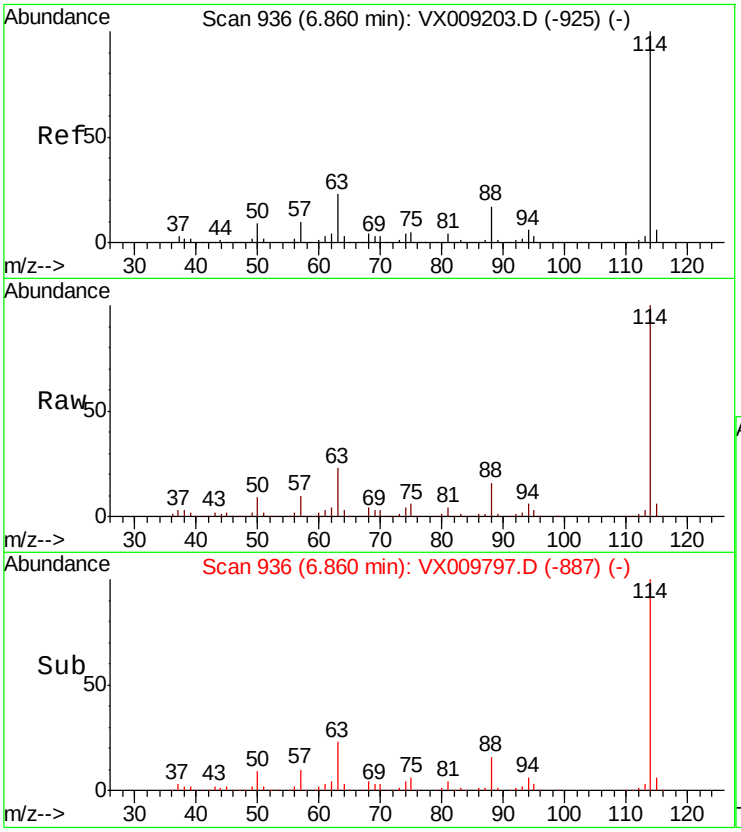


#33
1,2-Dichloroethane-d4
Concen: 50.232 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX009797.D
Acq: 22 May 2019 12:27

Tgt Ion: 65 Resp: 119425

Ion	Ratio	Lower	Upper
65	100		
67	54.1	0.0	106.6



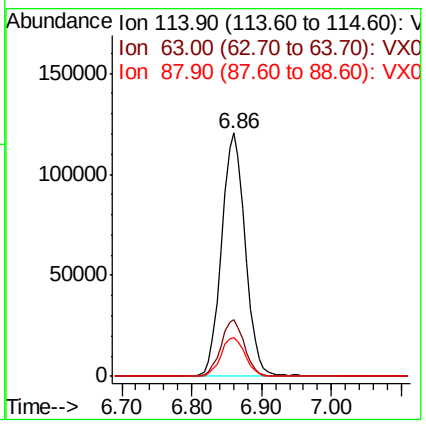


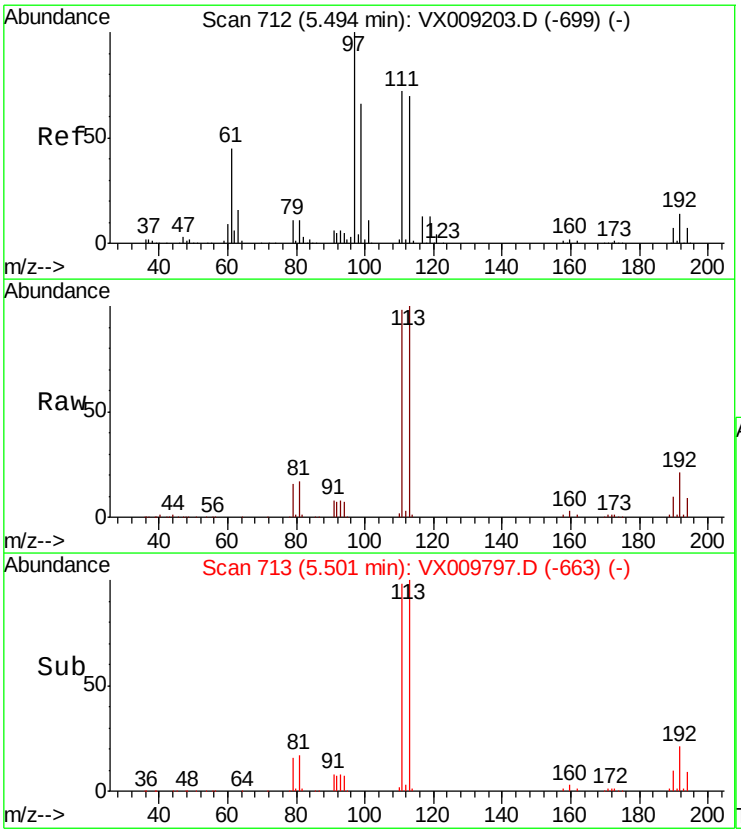
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX009797.D
Acq: 22 May 2019 12:27

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:114 Resp: 282937

Ion	Ratio	Lower	Upper
114	100		
63	23.1	0.0	45.6
88	16.2	0.0	33.2

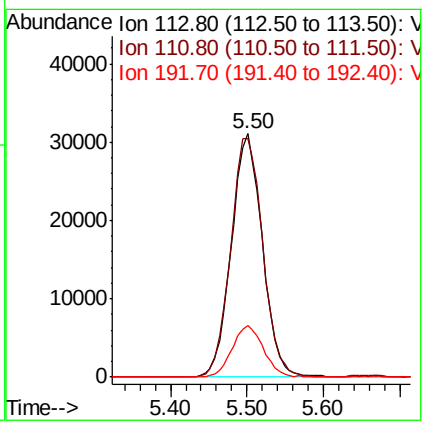


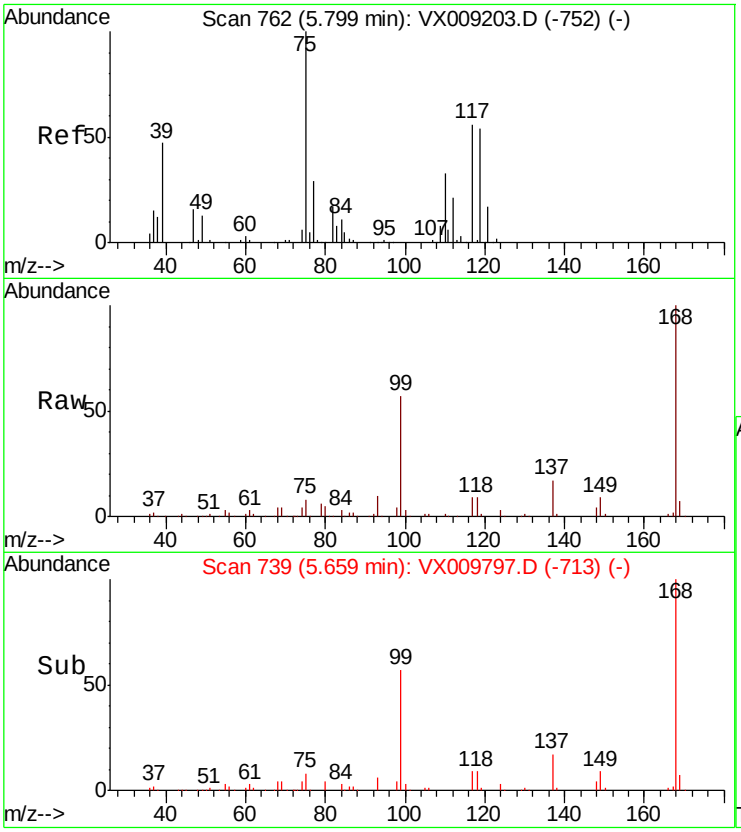


#35
Dibromofluoromethane
Concen: 49.083 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX009797.D
Acq: 22 May 2019 12:27

Tgt Ion:113 Resp: 87302

Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.8	124.2
192	21.4	17.0	25.6



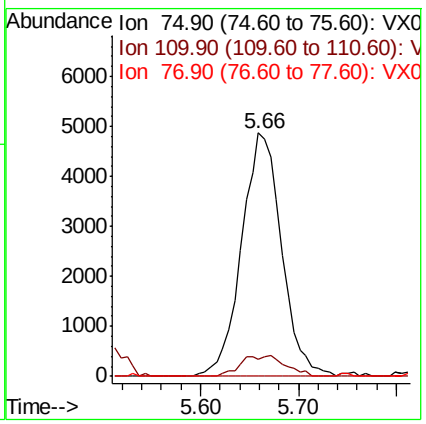


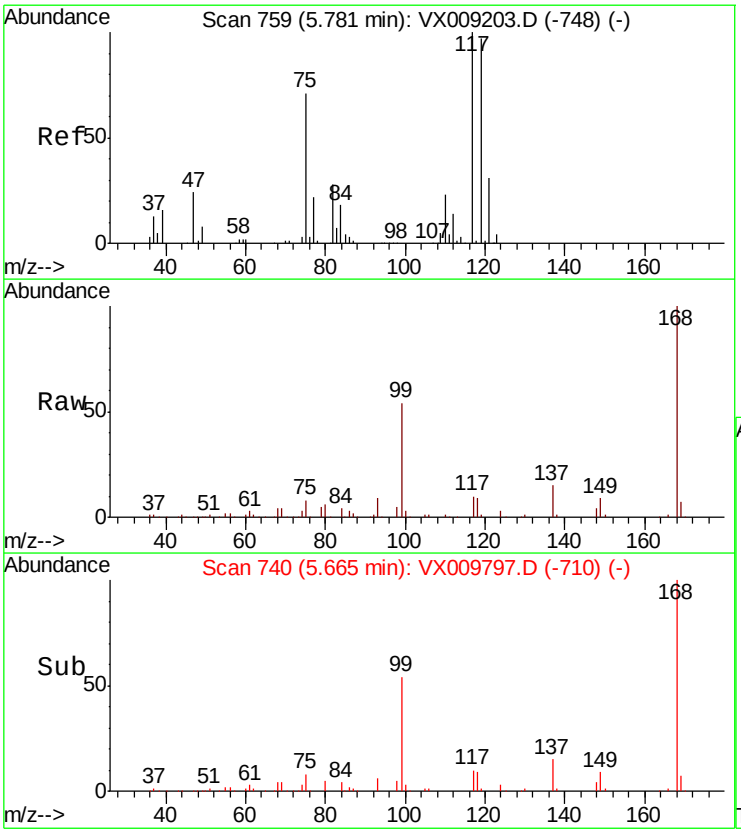
#36
1,1-Dichloropropene
Concen: 5.240 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX009797.D
Acq: 22 May 2019 12:27

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 13777

Ion	Ratio	Lower	Upper
75	100		
110	4.3	16.9	50.6#
77	0.0	24.8	37.2#

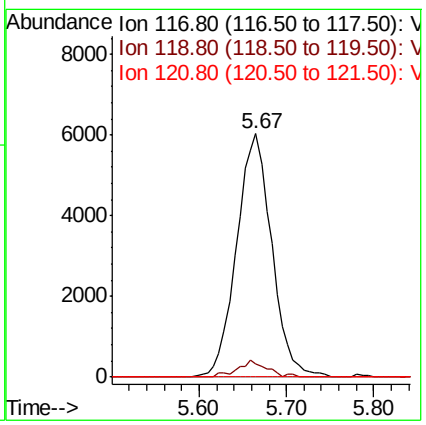


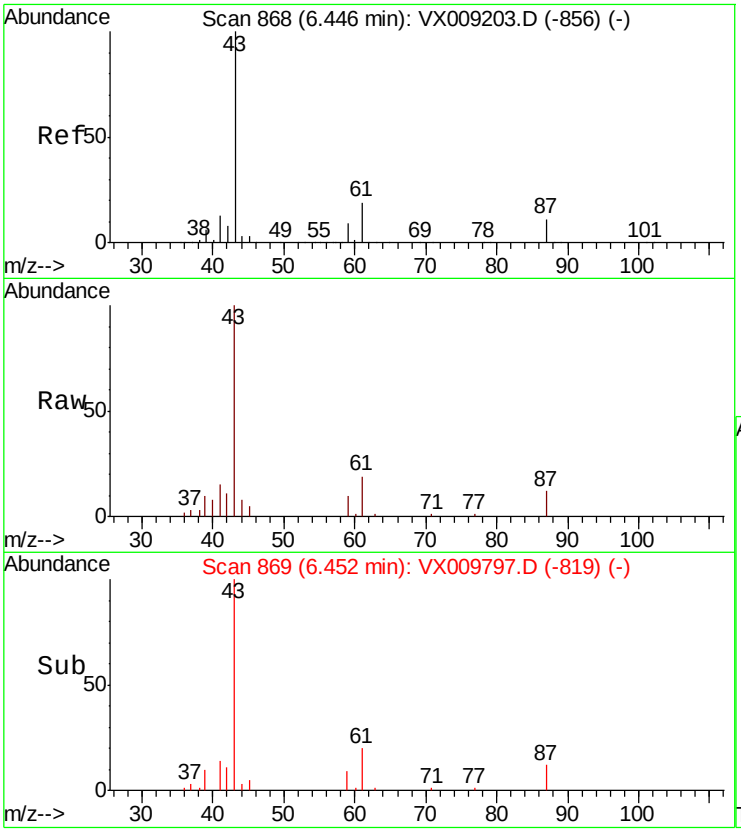


#38
Carbon Tetrachloride
Concen: 7.039 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX009797.D
Acq: 22 May 2019 12:27

Tgt Ion:117 Resp: 16817

Ion	Ratio	Lower	Upper
117	100		
119	5.3	77.5	116.3#
121	0.0	24.7	37.1#



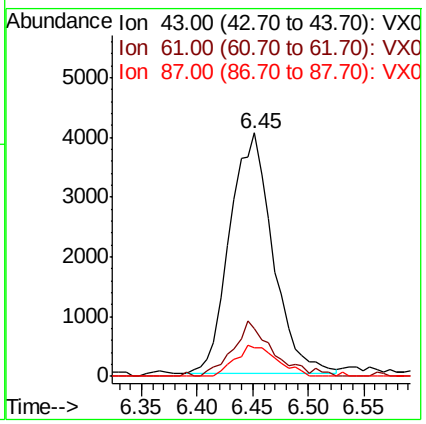


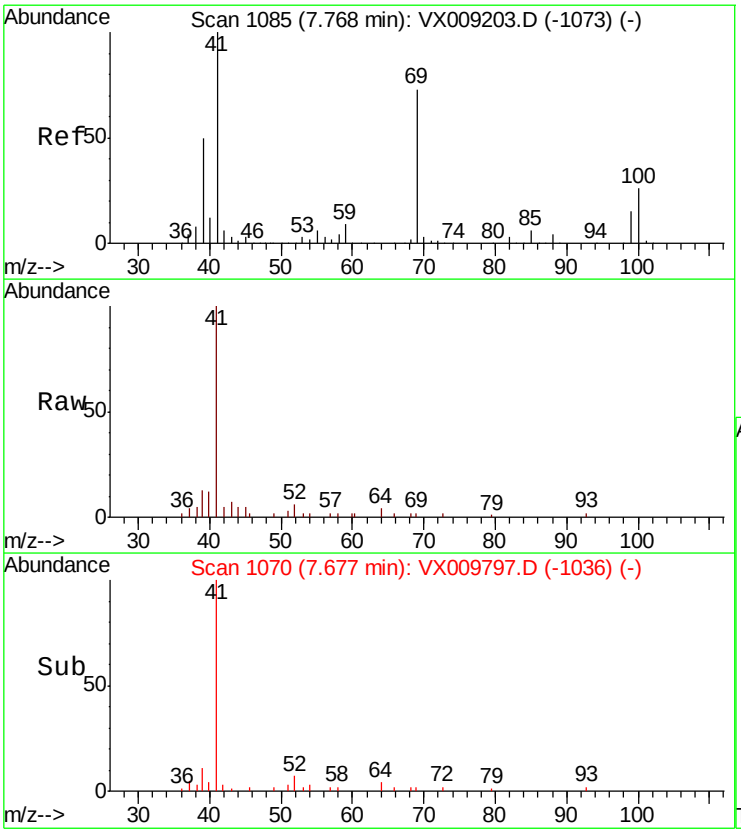
#43
Isopropyl Acetate
Concen: 1.841 ug/l
RT: 6.45 min Scan# 869
Delta R.T. 0.01 min
Lab File: VX009797.D
Acq: 22 May 2019 12:27

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 10788

Ion	Ratio	Lower	Upper
43	100		
61	21.4	15.1	22.7
87	12.6	9.0	13.6

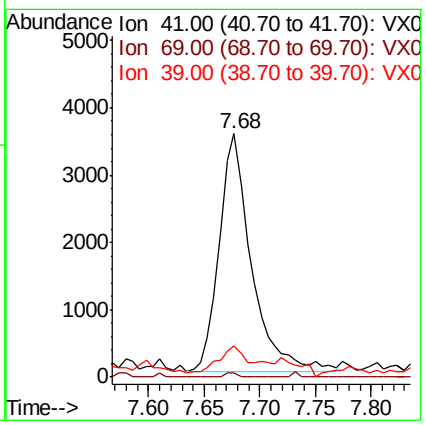


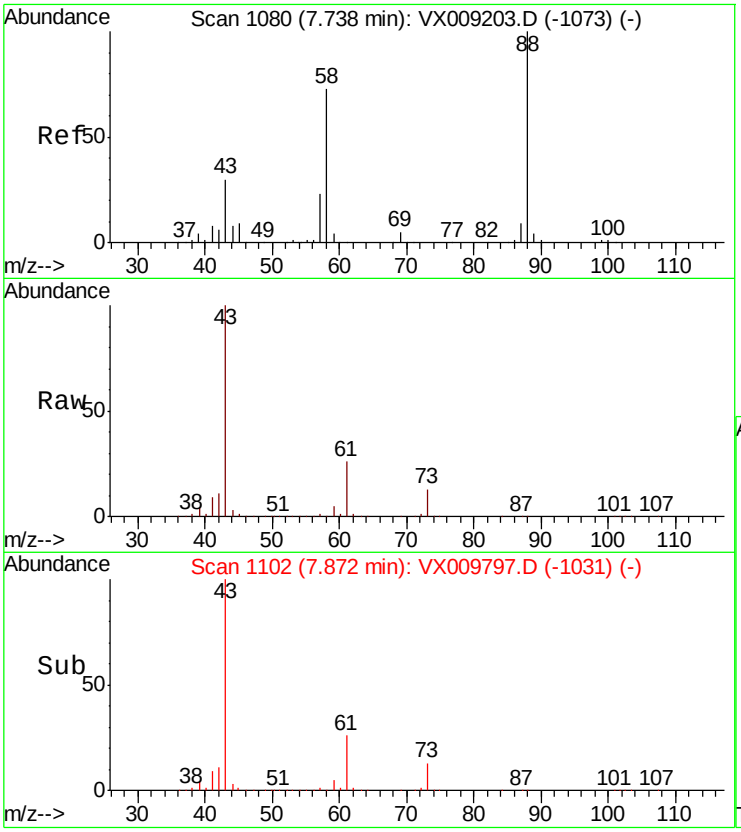


#48
Methyl methacrylate
Concen: 2.431 ug/l
RT: 7.68 min Scan# 1070
Delta R.T. -0.09 min
Lab File: VX009797.D
Acq: 22 May 2019 12:27

Tgt Ion: 41 Resp: 7068

Ion	Ratio	Lower	Upper
41	100		
69	0.6	59.1	88.7#
39	0.0	40.4	60.6#



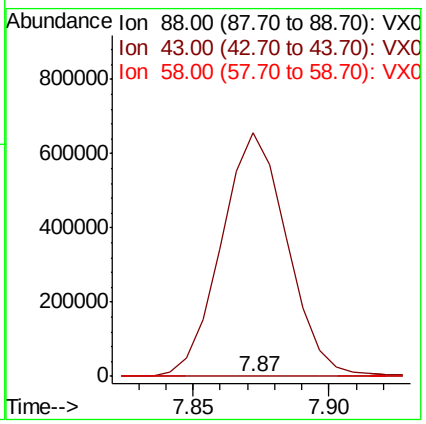


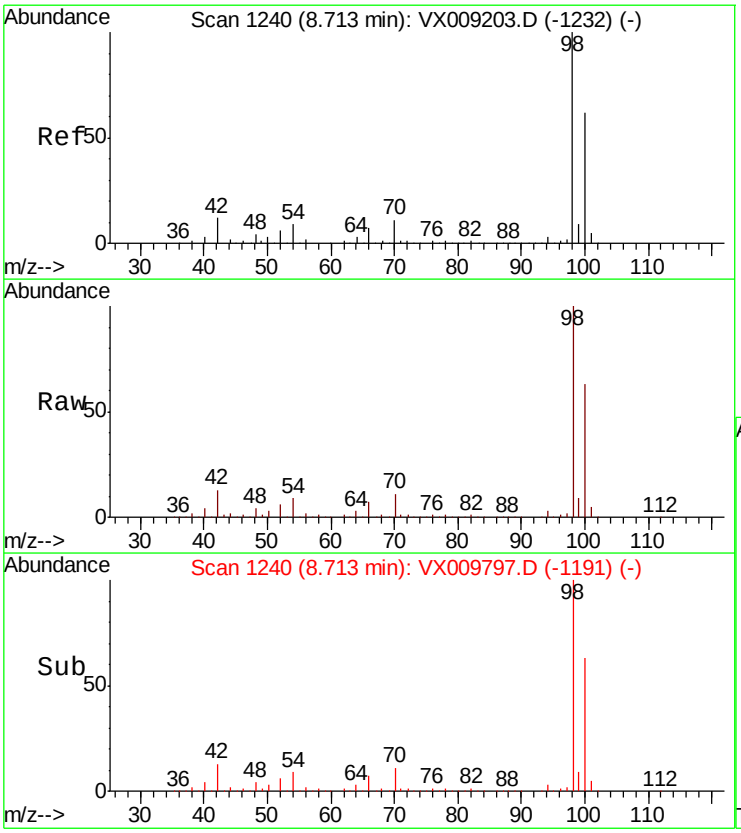
#49
1,4-Dioxane
Concen: 3.460 ug/l
RT: 7.87 min Scan# 1102
Delta R.T. 0.13 min
Lab File: VX009797.D
Acq: 22 May 2019 12:27

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 88 Resp: 204

Ion	Ratio	Lower	Upper
88	100		
43	545002.5	28.6	42.8#
58	2106.4	61.7	92.5#

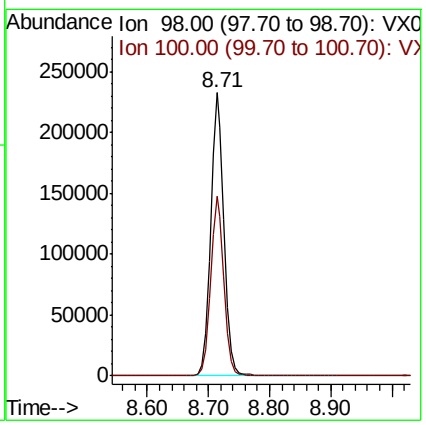


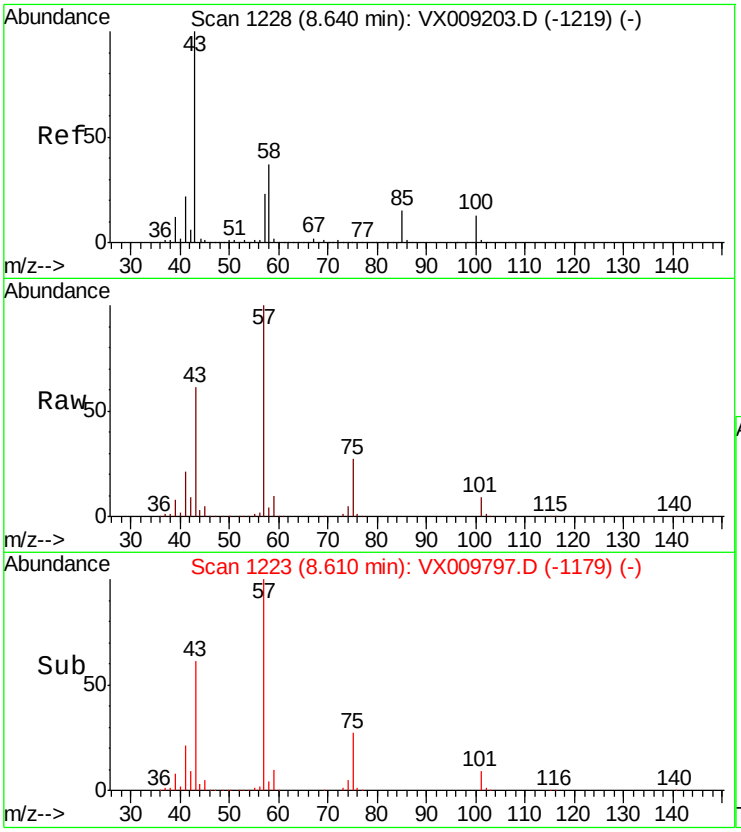


#50
Toluene-d8
Concen: 50.110 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009797.D
Acq: 22 May 2019 12:27

Tgt Ion: 98 Resp: 359834

Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.2	76.8



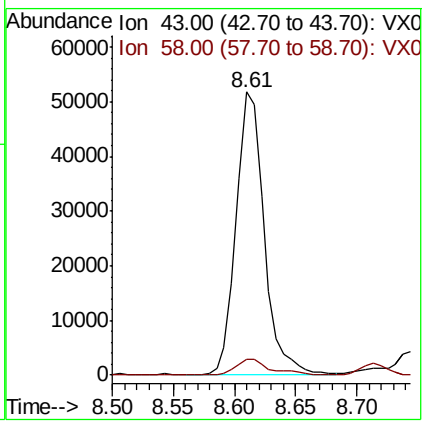


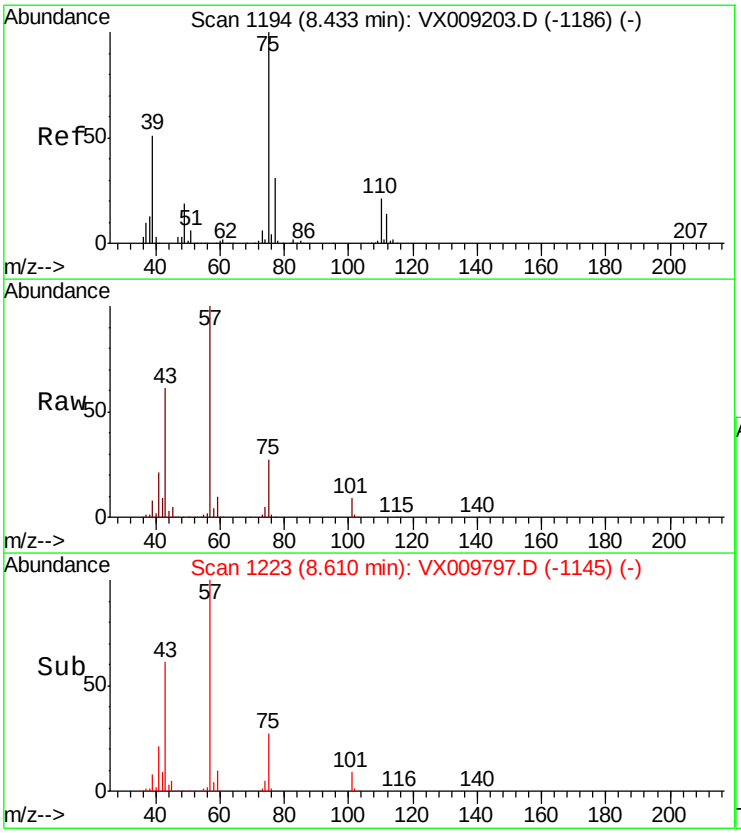
#51
4-Methyl-2-Pentanone
Concen: 21.309 ug/l
RT: 8.61 min Scan# 1223
Delta R.T. -0.03 min
Lab File: VX009797.D
Acq: 22 May 2019 12:27

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 81617

Ion	Ratio	Lower	Upper
43	100		
58	7.2	29.5	44.3#

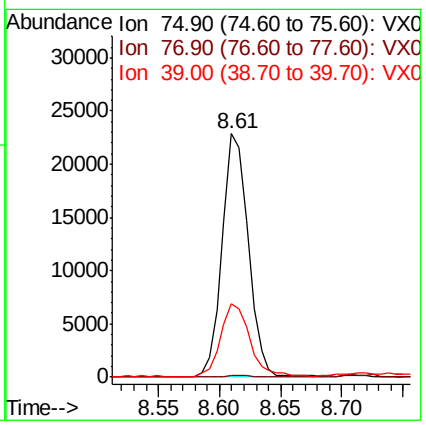


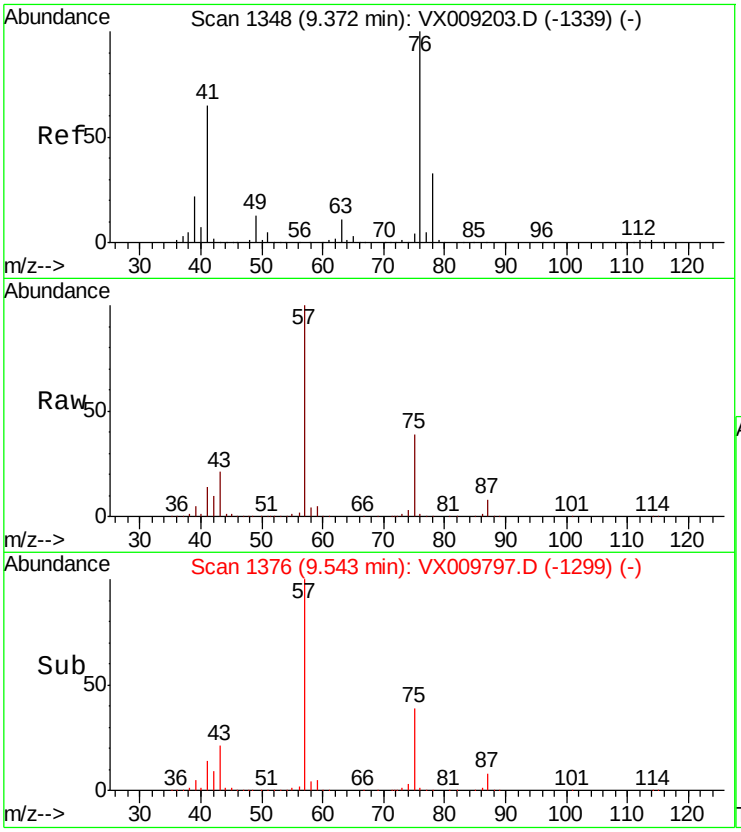


#54
cis-1,3-Dichloropropene
Concen: 10.212 ug/l
RT: 8.61 min Scan# 1223
Delta R.T. 0.18 min
Lab File: VX009797.D
Acq: 22 May 2019 12:27

Tgt Ion: 75 Resp: 34060

Ion	Ratio	Lower	Upper
75	100		
77	0.7	24.6	36.8#
39	29.8	40.6	60.8#



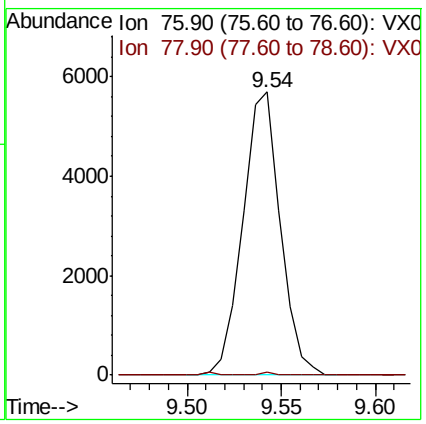


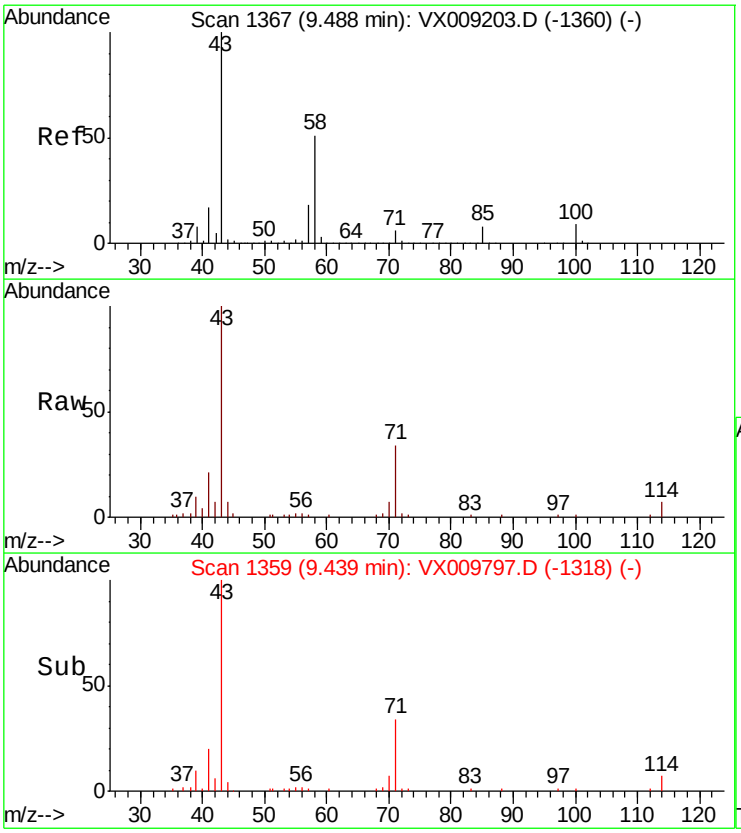
#57
1,3-Dichloropropane
Concen: 2.208 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.17 min
Lab File: VX009797.D
Acq: 22 May 2019 12:27

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 76 Resp: 7840

Ion	Ratio	Lower	Upper
76	100		
78	0.2	25.5	38.3#

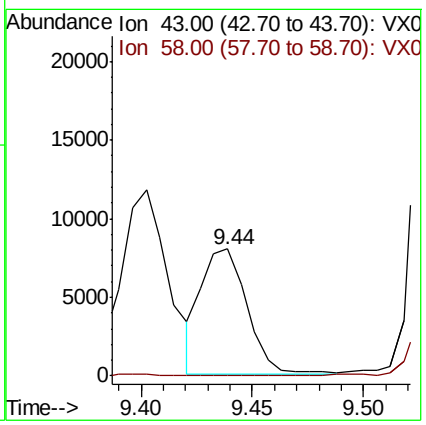


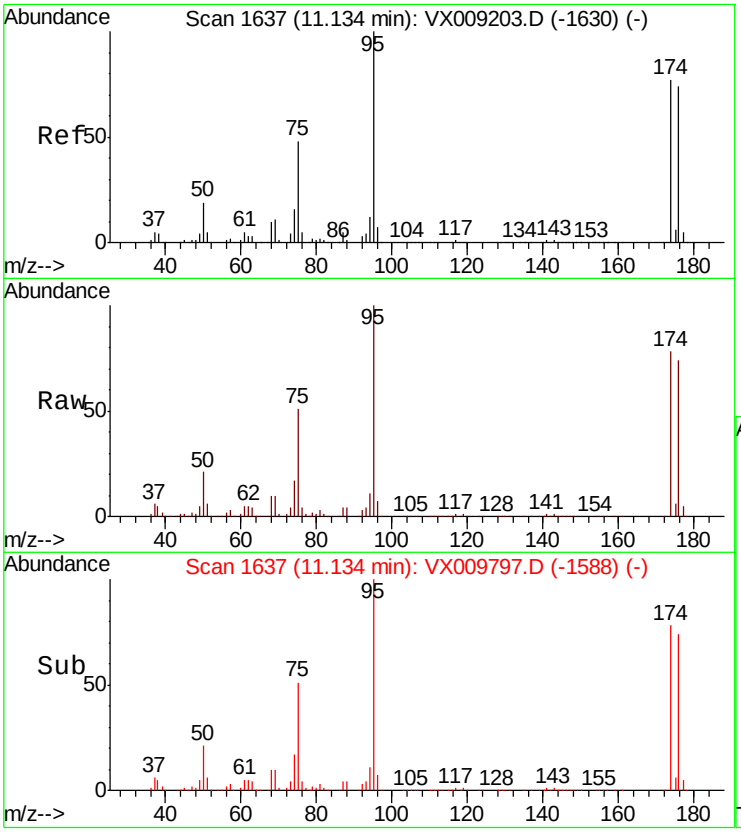


#59
2-Hexanone
Concen: 3.765 ug/l
RT: 9.44 min Scan# 1359
Delta R.T. -0.05 min
Lab File: VX009797.D
Acq: 22 May 2019 12:27

Tgt Ion: 43 Resp: 11326

Ion	Ratio	Lower	Upper
43	100		
58	0.0	25.9	77.7#



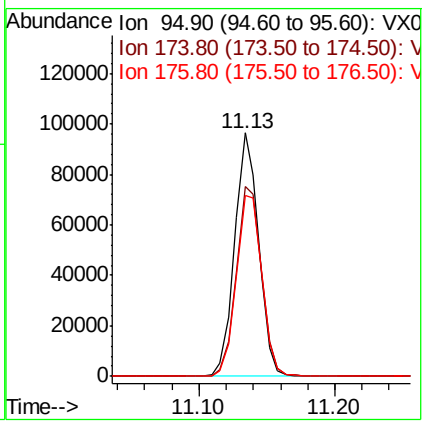


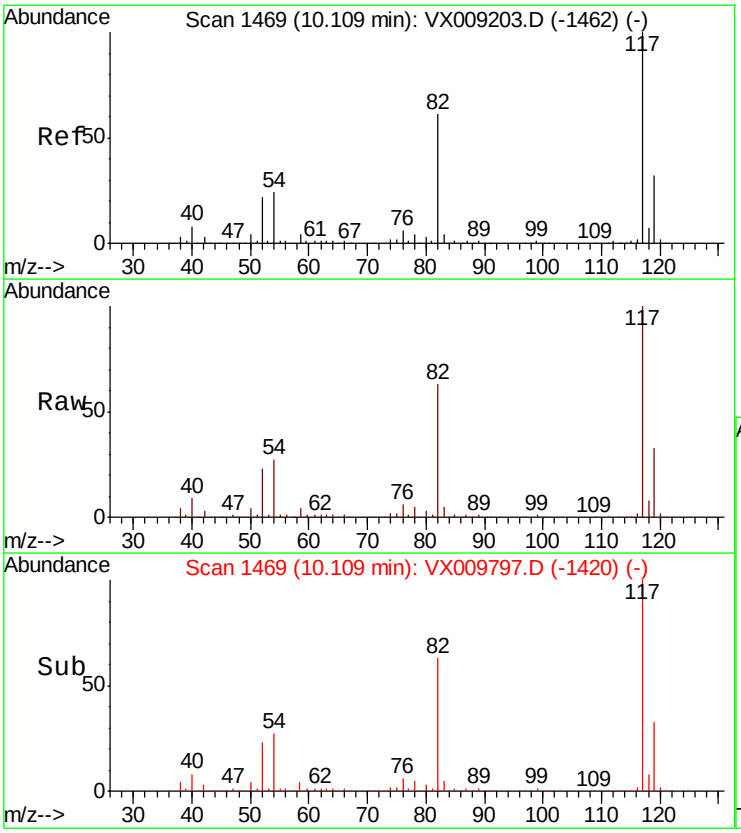
#62
4-Bromofluorobenzene
Concen: 45.345 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009797.D
Acq: 22 May 2019 12:27

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 118316

Ion	Ratio	Lower	Upper
95	100		
174	81.7	0.0	161.6
176	79.2	0.0	159.2

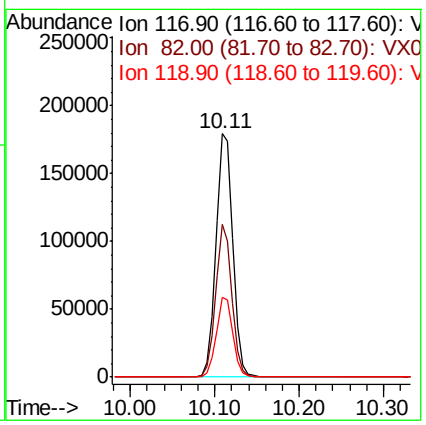


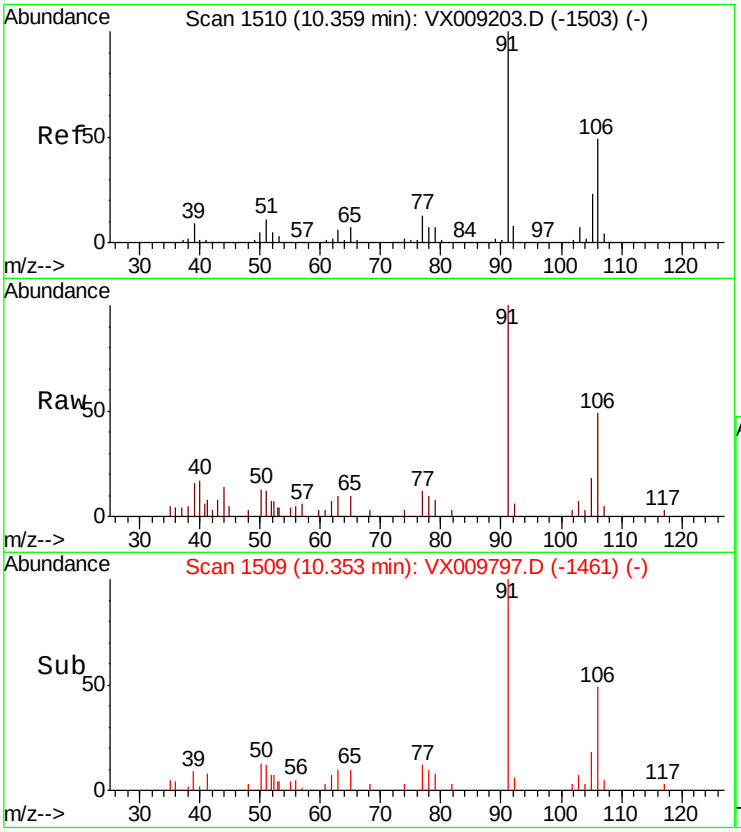


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009797.D
Acq: 22 May 2019 12:27

Tgt Ion:117 Resp: 249105

Ion	Ratio	Lower	Upper
117	100		
82	62.6	48.8	73.2
119	32.7	25.8	38.6



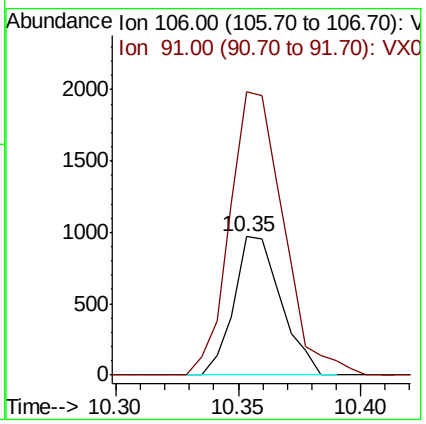


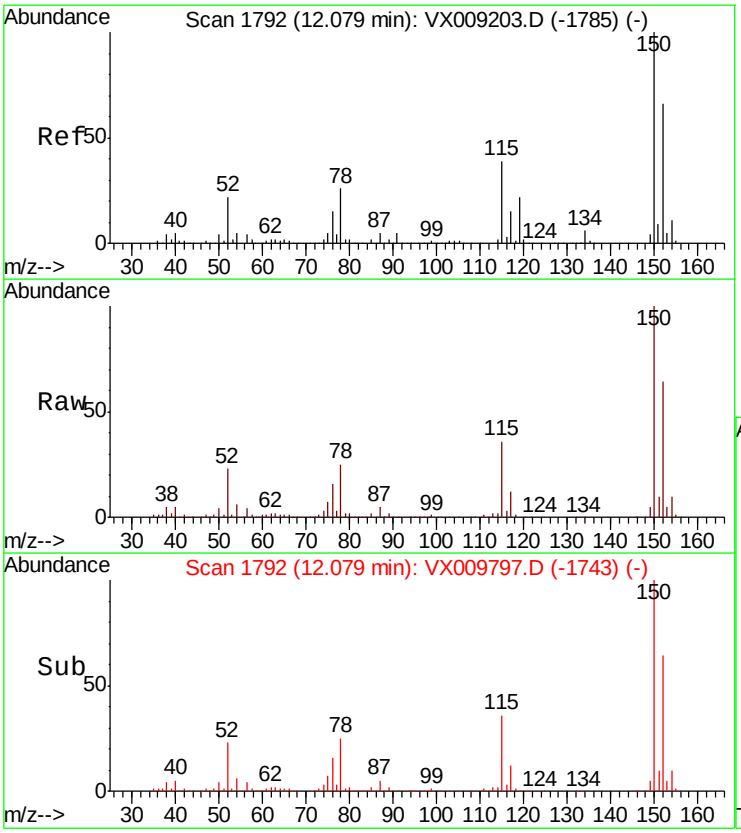
#68
m/p-Xylenes
Concen: 0.389 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX009797.D
Acq: 22 May 2019 12:27

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:106 Resp: 1303

Ion	Ratio	Lower	Upper
106	100		
91	233.0	164.0	246.0

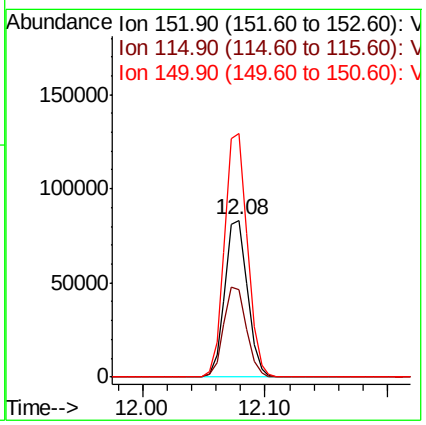


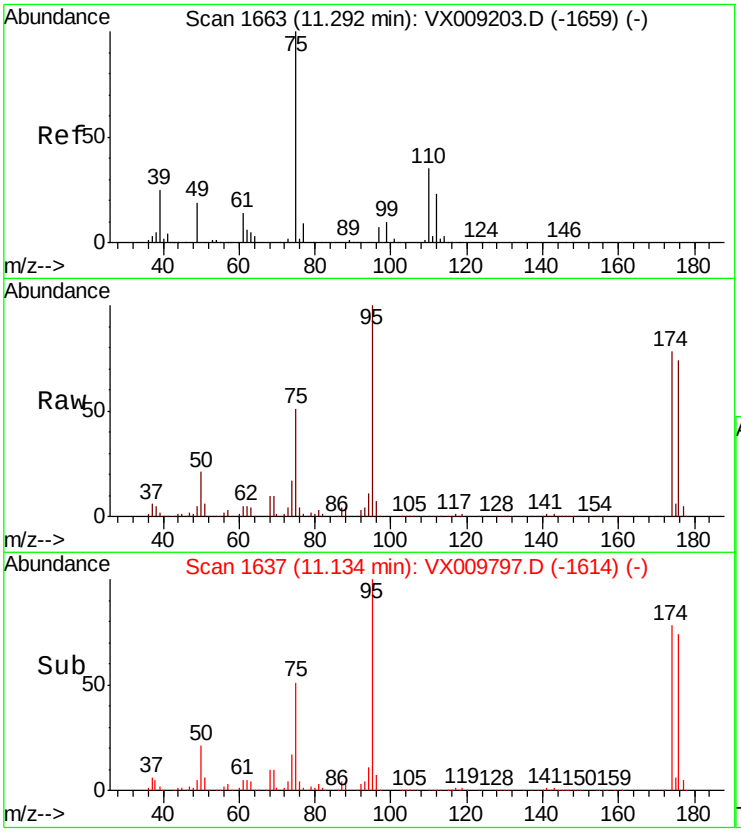


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009797.D
Acq: 22 May 2019 12:27

Tgt Ion:152 Resp: 106684

Ion	Ratio	Lower	Upper
152	100		
115	57.7	41.2	123.6
150	156.3	0.0	346.4



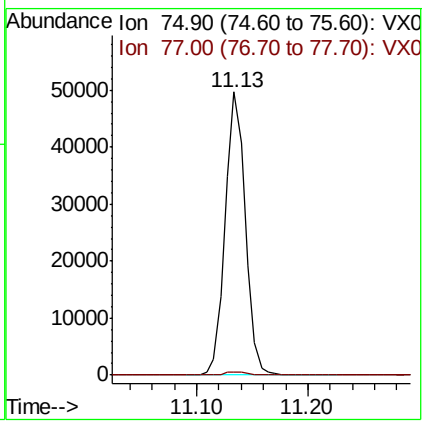


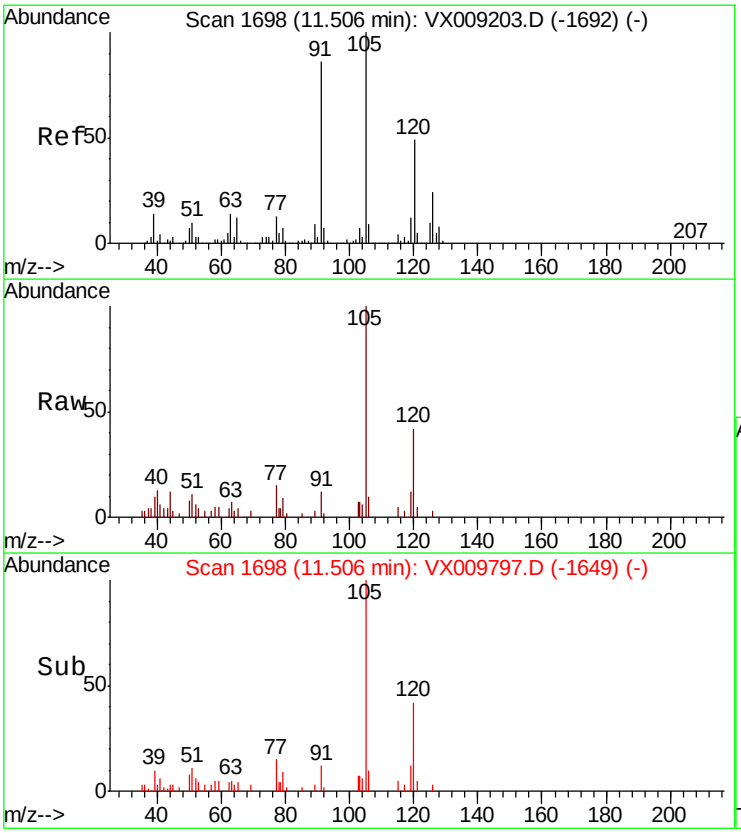
#76
1,2,3-Trichloropropane
Concen: 25.097 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX009797.D
Acq: 22 May 2019 12:27

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 62106

Ion	Ratio	Lower	Upper
75	100		
77	1.4	22.1	66.1#

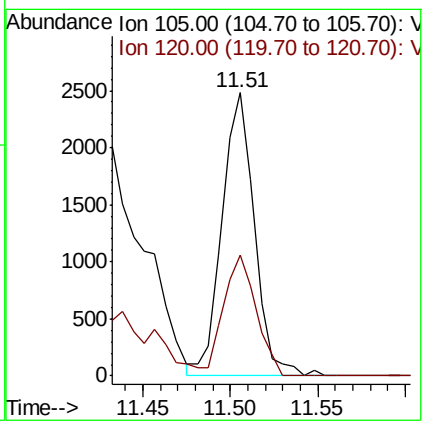


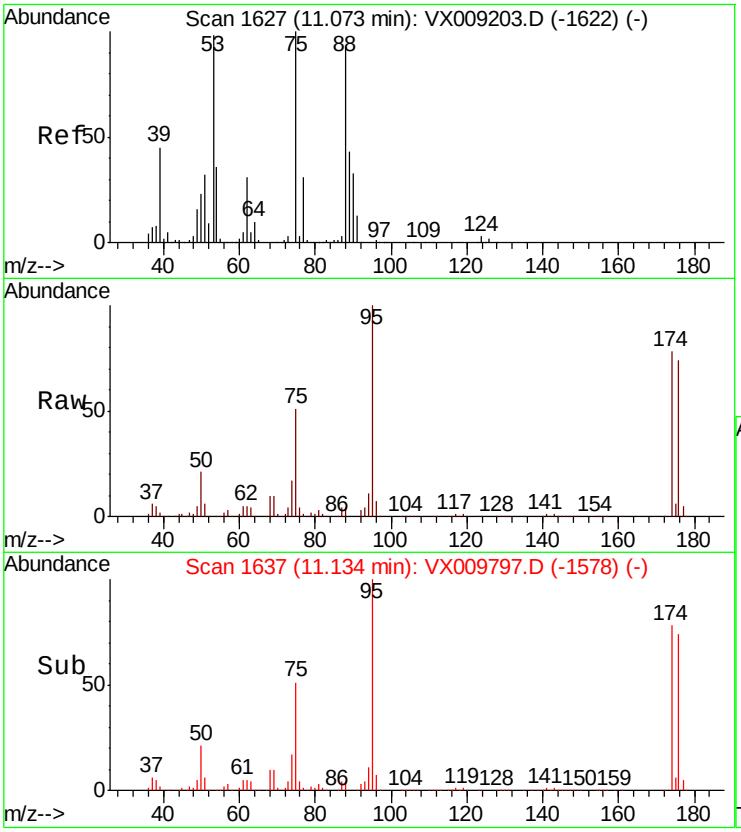


#80
1,3,5-Trimethylbenzene
Concen: 0.490 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX009797.D
Acq: 22 May 2019 12:27

Tgt Ion:105 Resp: 3198

Ion	Ratio	Lower	Upper
105	100		
120	43.0	24.3	72.9



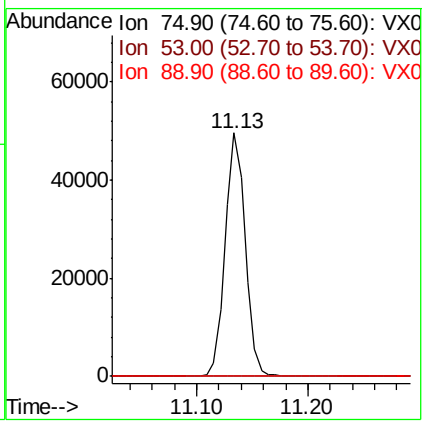


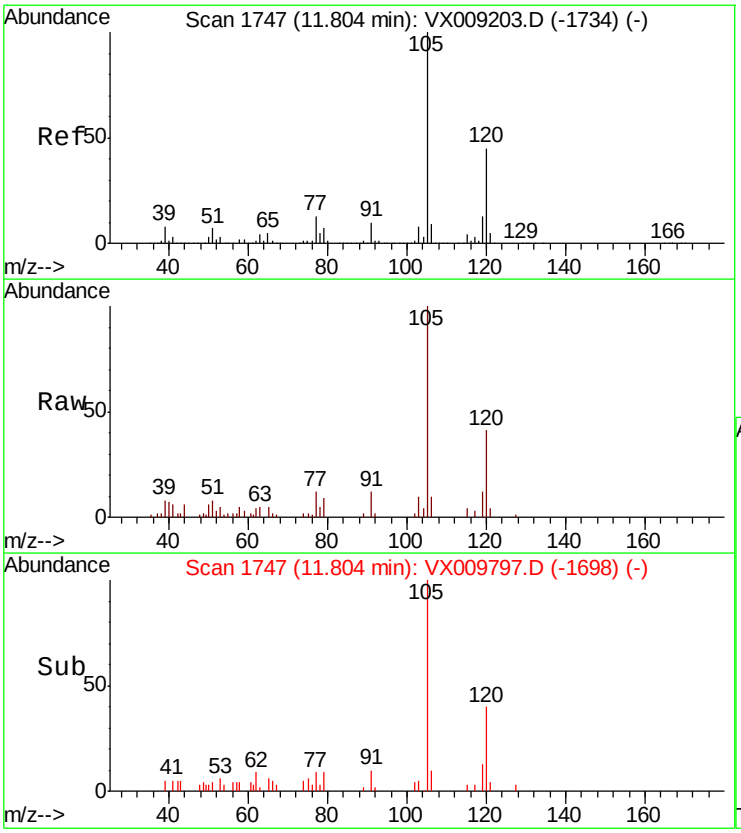
#81
trans-1,4-Dichloro-2-butene
Concen: 64.213 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX009797.D
Acq: 22 May 2019 12:27

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 62106

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

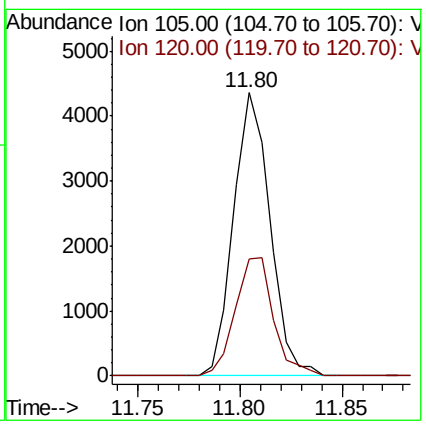


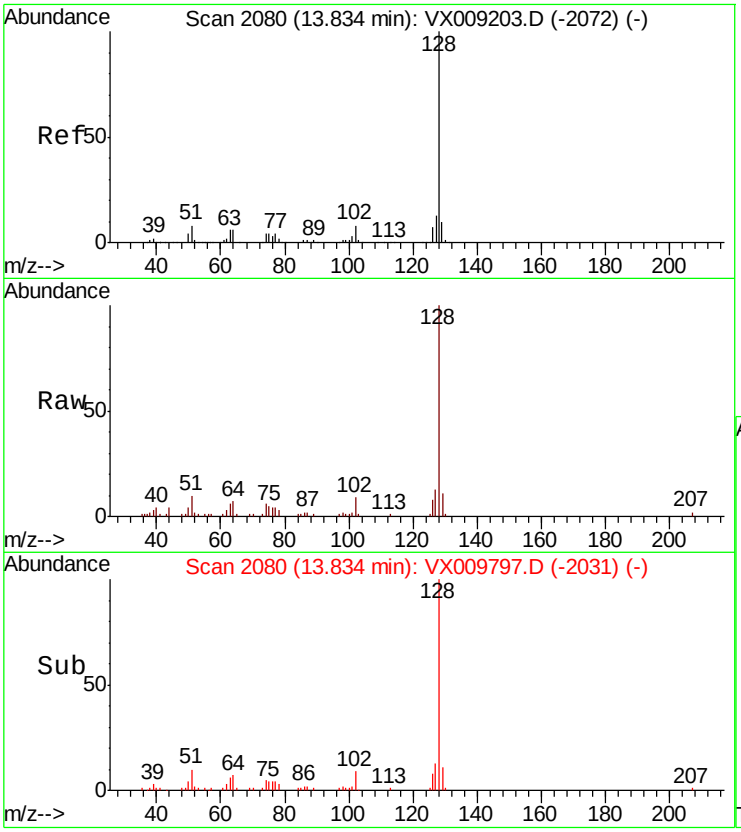


#84
1,2,4-Trimethylbenzene
Concen: 0.824 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX009797.D
Acq: 22 May 2019 12:27

Tgt Ion:105 Resp: 5404

Ion	Ratio	Lower	Upper
105	100		
120	43.9	22.0	66.0





#95
Naphthalene
Concen: 1.310 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX009797.D
Acq: 22 May 2019 12:27

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 10193

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.4	15.6
129	11.6	8.6	13.0