Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX052219\
Data File : VX009798.D
Acq On : 22 May 2019 12:50
Operator : JC/SP
Sample : K2970-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: May 23 07:14:34 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	167113	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	269242	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	234717	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	94849	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	115885	50.80	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.60%			
35) Dibromofluoromethane	5.50	113	83643	49.42	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.84%			
50) Toluene-d8	8.71	98	342051	50.06	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.12%			
62) 4-Bromofluorobenzene	11.13	95	108956	43.88	ug/l	0.00
Spiked Amount 50.000			Recovery = 87.76%			
Target Compounds						Qvalue
3) Chloromethane	1.33	50	480	0.228	ug/l	92
5) Bromomethane	1.65	94	250	0.203	ug/l #	71
10) Methyl Iodide	2.51	142	76	4.632	ug/l #	42
11) Tert butyl alcohol	3.05	59	1762	3.337	ug/l #	84
13) Acrolein	2.31	56	242	0.506	ug/l #	52
16) Acetone	2.44	43	10748	8.774	ug/l	94
17) Carbon Disulfide	2.57	76	1458	0.331	ug/l #	95
18) Methyl Acetate	2.78	43	4538	1.558	ug/l	99
20) Methylene Chloride	2.85	84	16977	8.560	ug/l	97
25) 2-Butanone	4.68	43	9392	4.934	ug/l	99
28) Bromochloromethane	5.01	49	63	Below Cal	#	20
29) Tetrahydrofuran	5.15	42	1942	1.585	ug/l #	83
30) Chloroform	5.21	83	1871	0.571	ug/l #	82
36) 1,1-Dichloropropene	5.65	75	13286	5.310	ug/l #	51
38) Carbon Tetrachloride	5.67	117	16031	7.052	ug/l #	17
43) Isopropyl Acetate	6.45	43	11312	2.029	ug/l	97
47) Bromodichloromethane	7.90	83	570	0.224	ug/l #	91
48) Methyl methacrylate	7.68	41	7778	2.811	ug/l #	19
49) 1,4-Dioxane	7.87	88	83	1.479	ug/l #	1
51) 4-Methyl-2-Pentanone	8.61	43	78526	21.545	ug/l #	51
54) cis-1,3-Dichloropropene	8.62	75	33149	10.444	ug/l #	61
57) 1,3-Dichloropropane	9.54	76	6216	1.839	ug/l #	43
59) 2-Hexanone	9.54	43	100301	35.039	ug/l #	51
76) 1,2,3-Trichloropropane	11.13	75	57334	26.059	ug/l #	34
80) 1,3,5-Trimethylbenzene	11.51	105	1443	0.248	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.13	75	57334	66.676	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.80	105	2534	0.435	ug/l	100
95) Naphthalene	13.83	128	11961	1.730	ug/l	98

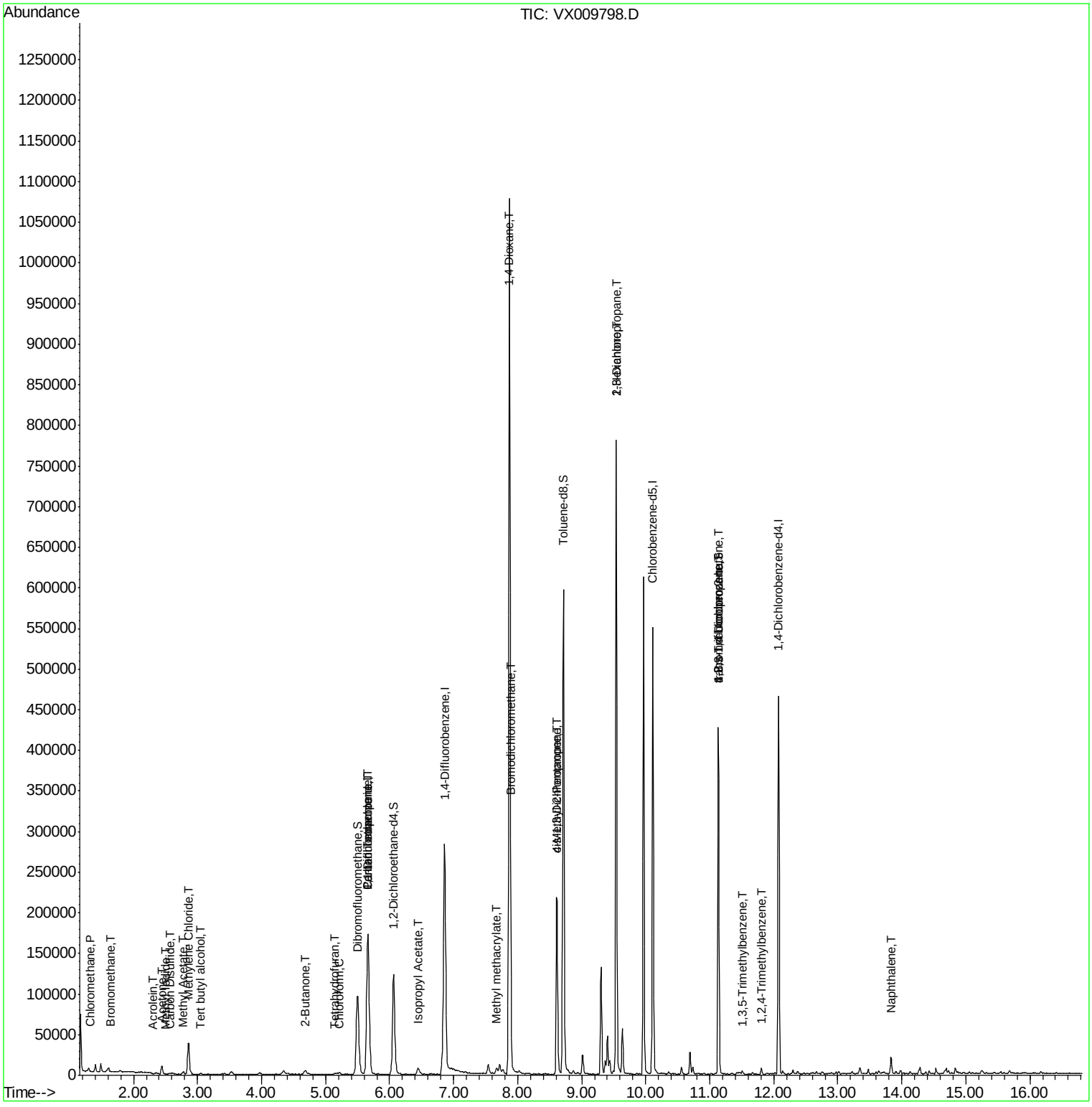
(#) = qualifier out of range (m) = manual integration (+) = signals summed

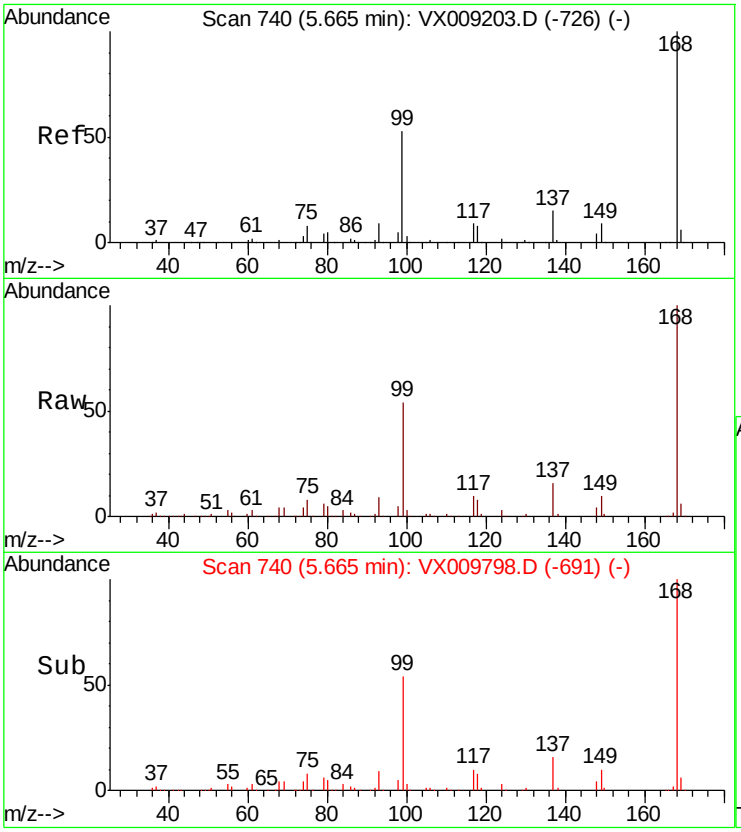
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX052219\
Data File : VX009798.D
Acq On : 22 May 2019 12:50
Operator : JC/SP
Sample : K2970-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: May 23 07:14:34 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



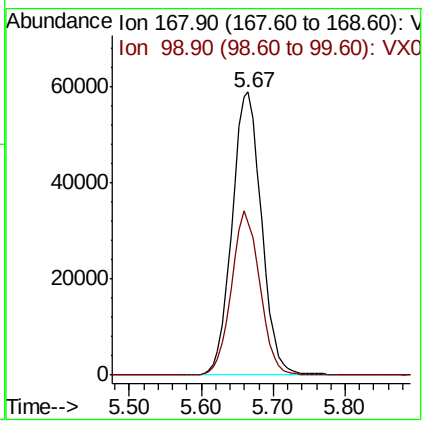


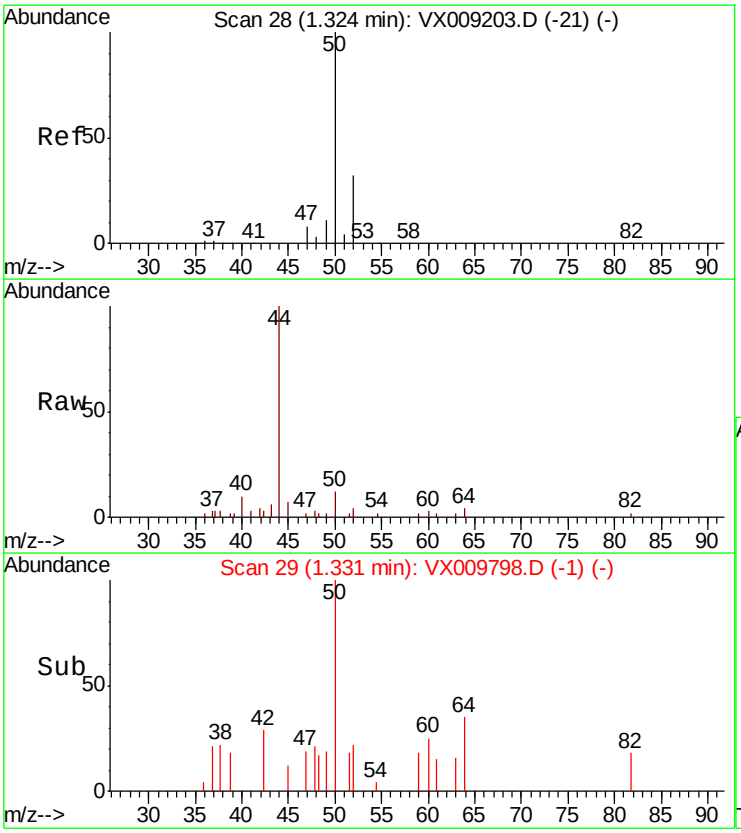
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX009798.D
Acq: 22 May 2019 12:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 167113

Ion	Ratio	Lower	Upper
168	100		
99	54.0	42.3	63.5

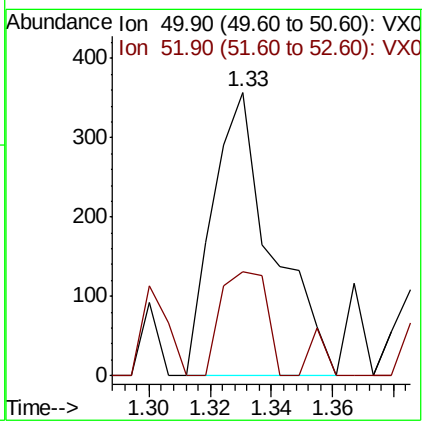


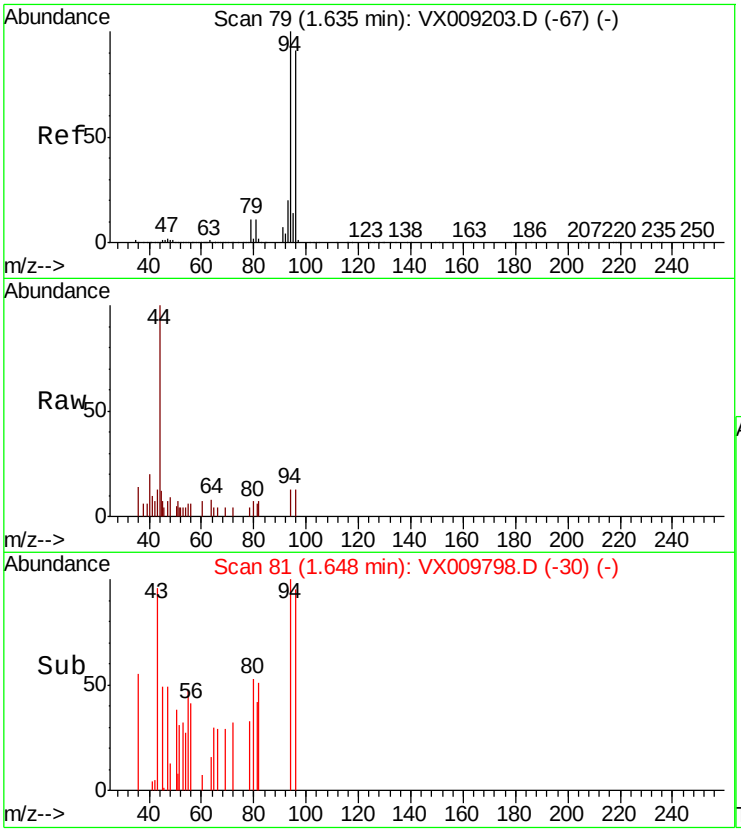


#3
Chloromethane
Concen: 0.228 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.01 min
Lab File: VX009798.D
Acq: 22 May 2019 12:50

Tgt Ion: 50 Resp: 480

Ion	Ratio	Lower	Upper
50	100		
52	36.7	25.9	38.9



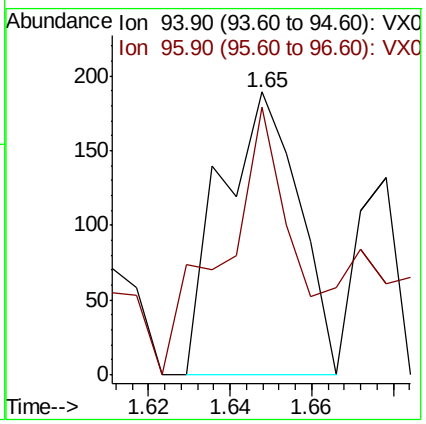


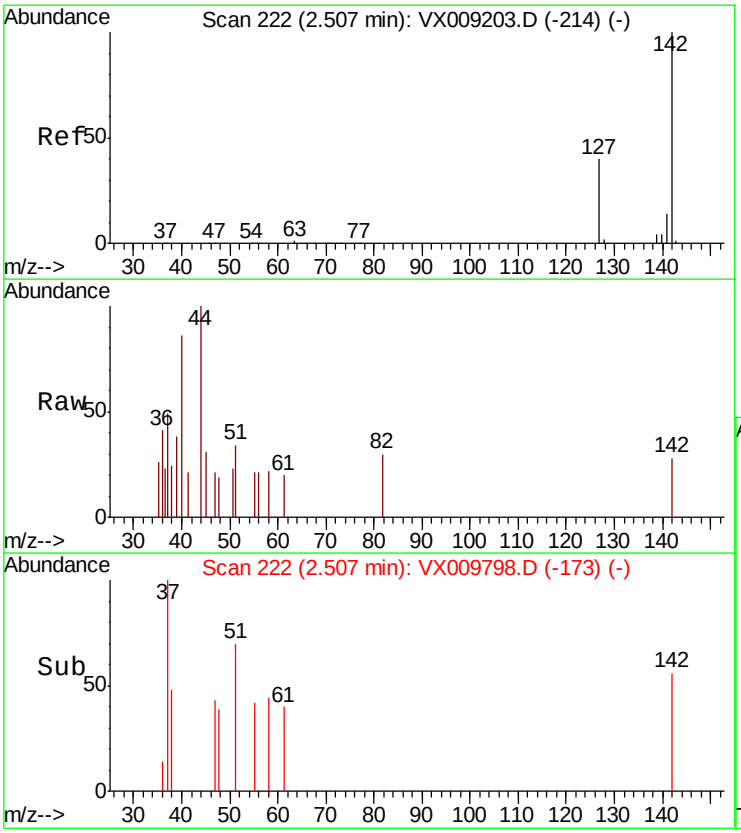
#5
Bromomethane
Concen: 0.203 ug/l
RT: 1.65 min Scan# 81
Delta R.T. 0.01 min
Lab File: VX009798.D
Acq: 22 May 2019 12:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 94 Resp: 250

Ion	Ratio	Lower	Upper
94	100		
96	64.0	73.0	109.6#

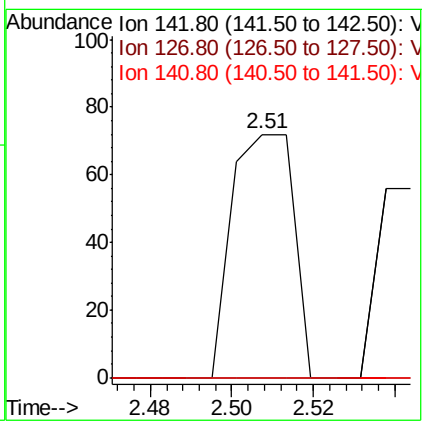


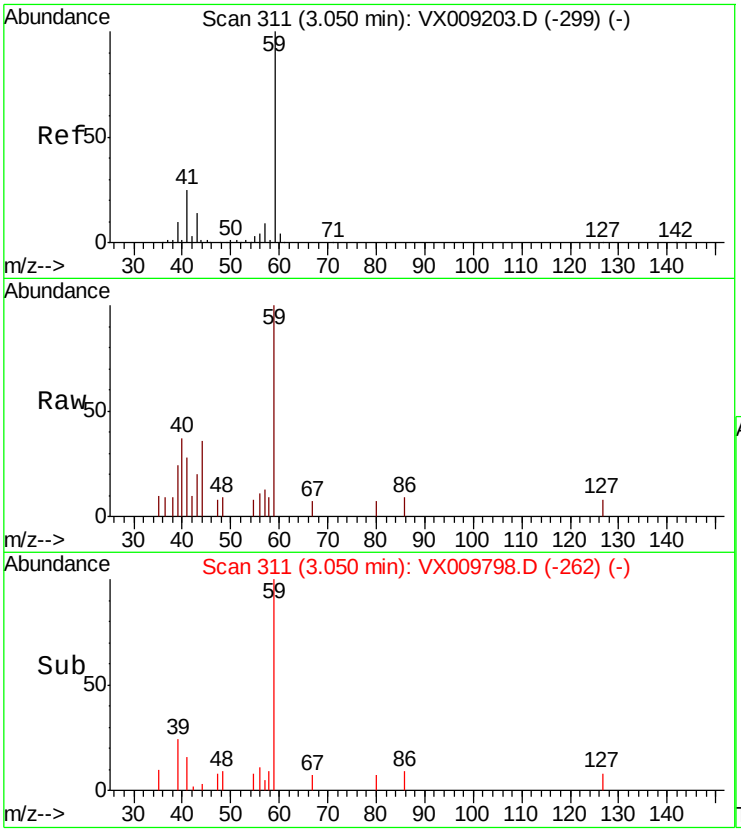


#10
Methyl Iodide
Concen: 4.632 ug/l
RT: 2.51 min Scan# 222
Delta R.T. 0.00 min
Lab File: VX009798.D
Acq: 22 May 2019 12:50

Tgt Ion:142 Resp: 76

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



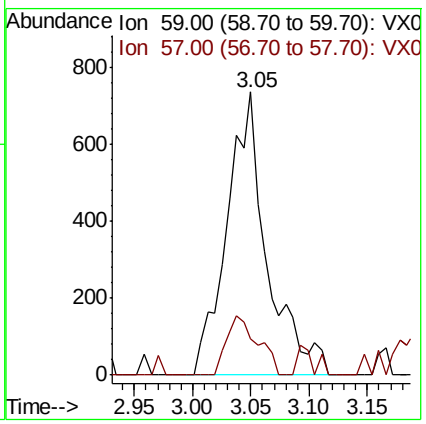


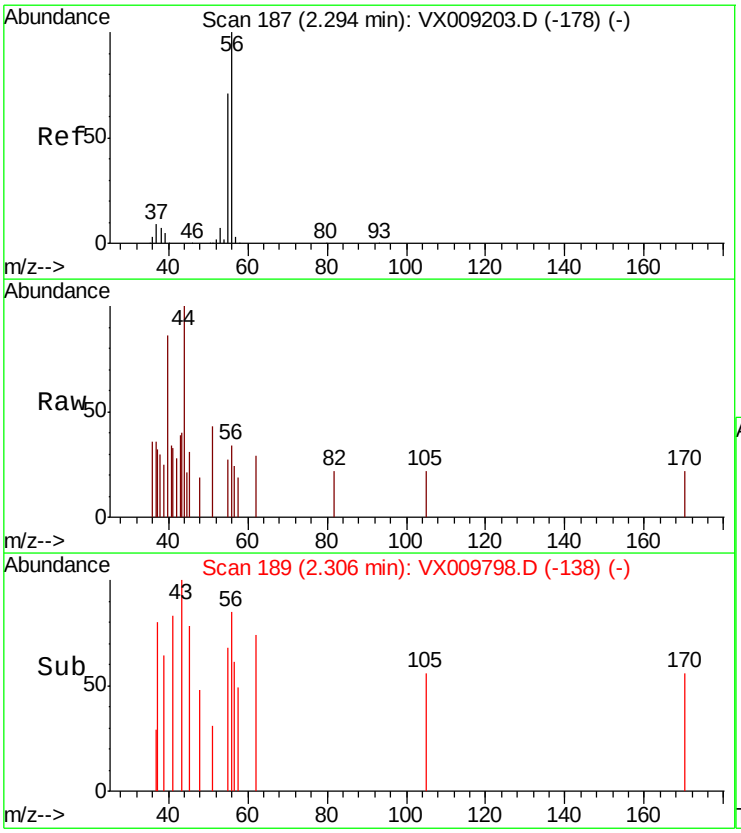
#11
Tert butyl alcohol
Concen: 3.337 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX009798.D
Acq: 22 May 2019 12:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 59 Resp: 1762

Ion	Ratio	Lower	Upper
59	100		
57	16.3	8.2	12.2#

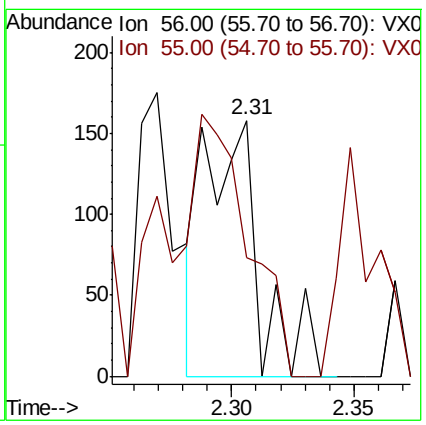


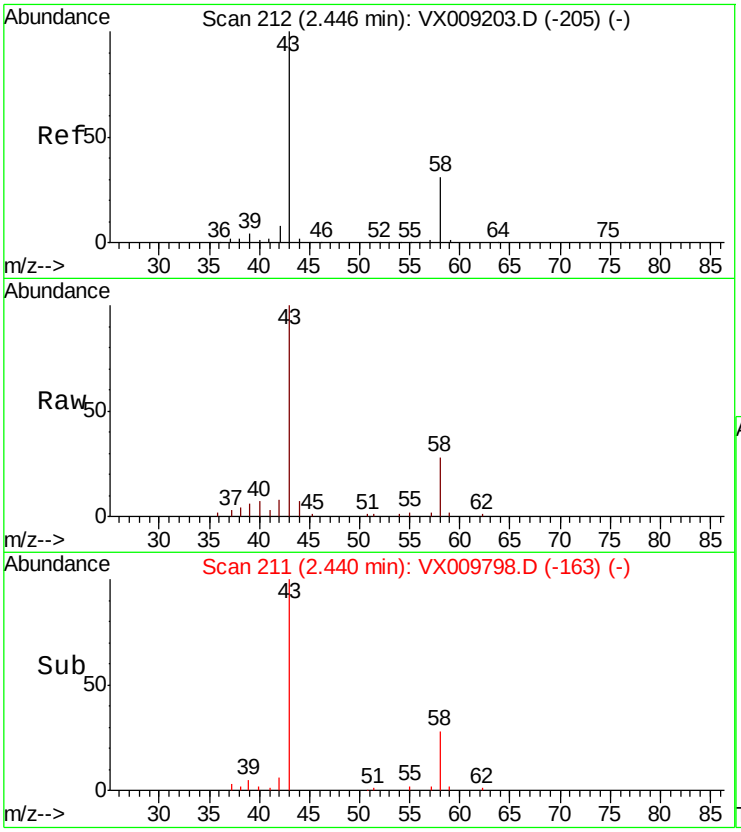


#13
Acrolein
Concen: 0.506 ug/l
RT: 2.31 min Scan# 189
Delta R.T. 0.01 min
Lab File: VX009798.D
Acq: 22 May 2019 12:50

Tgt Ion: 56 Resp: 242

Ion	Ratio	Lower	Upper
56	100		
55	110.3	56.6	85.0#



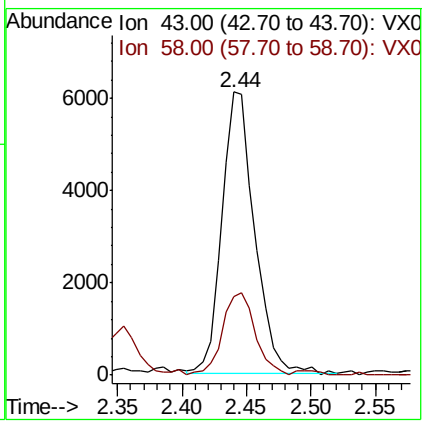


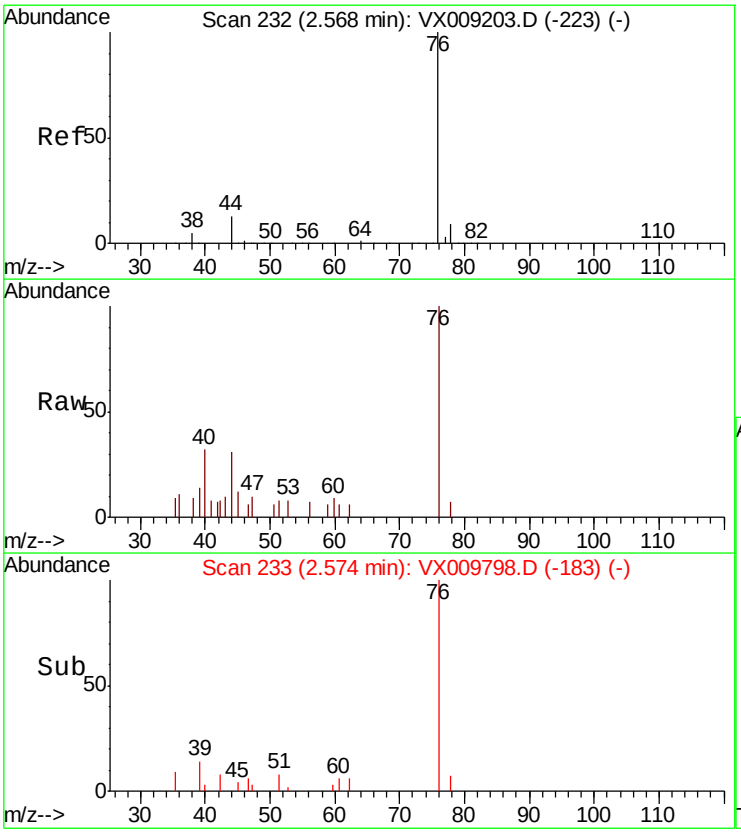
#16
Acetone
Concen: 8.774 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX009798.D
Acq: 22 May 2019 12:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 10748

Ion	Ratio	Lower	Upper
43	100		
58	28.1	24.9	37.3

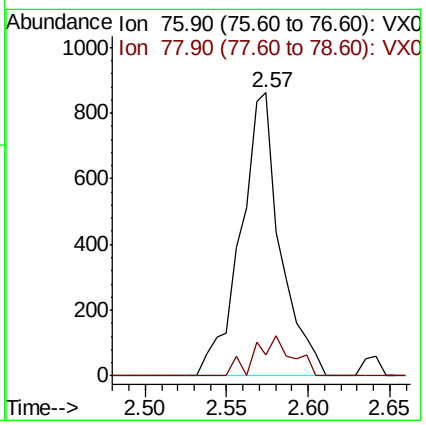


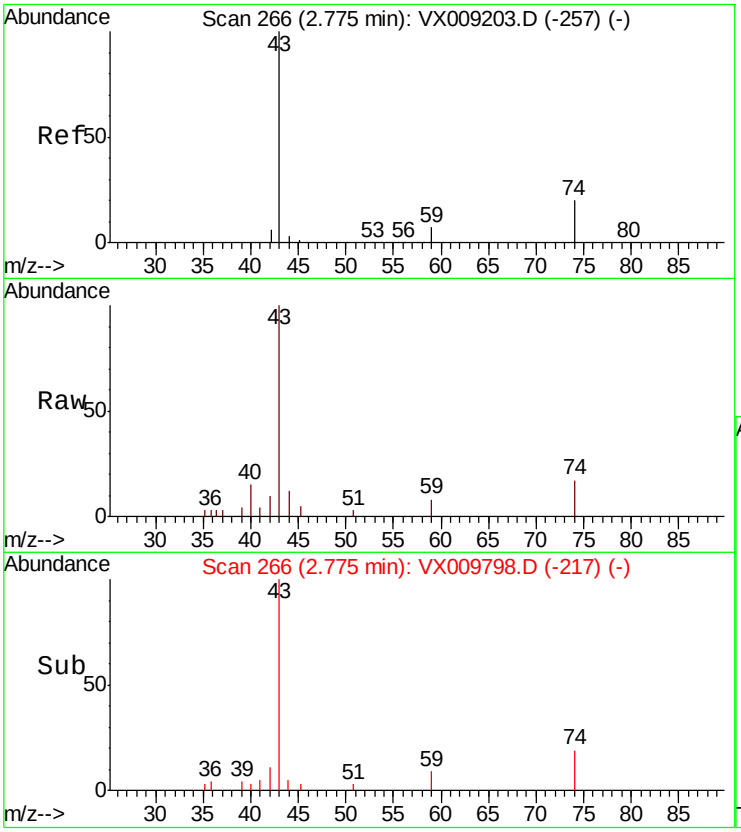


#17
Carbon Disulfide
Concen: 0.331 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.01 min
Lab File: VX009798.D
Acq: 22 May 2019 12:50

Tgt Ion: 76 Resp: 1458

Ion	Ratio	Lower	Upper
76	100		
78	7.3	7.4	11.0#



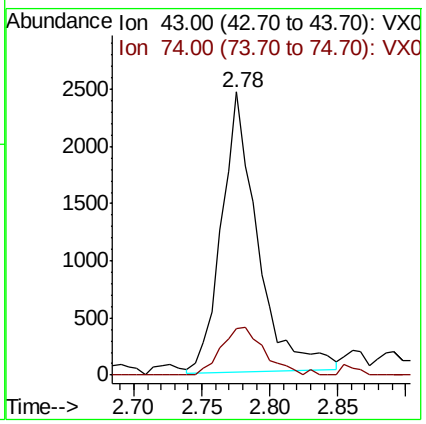


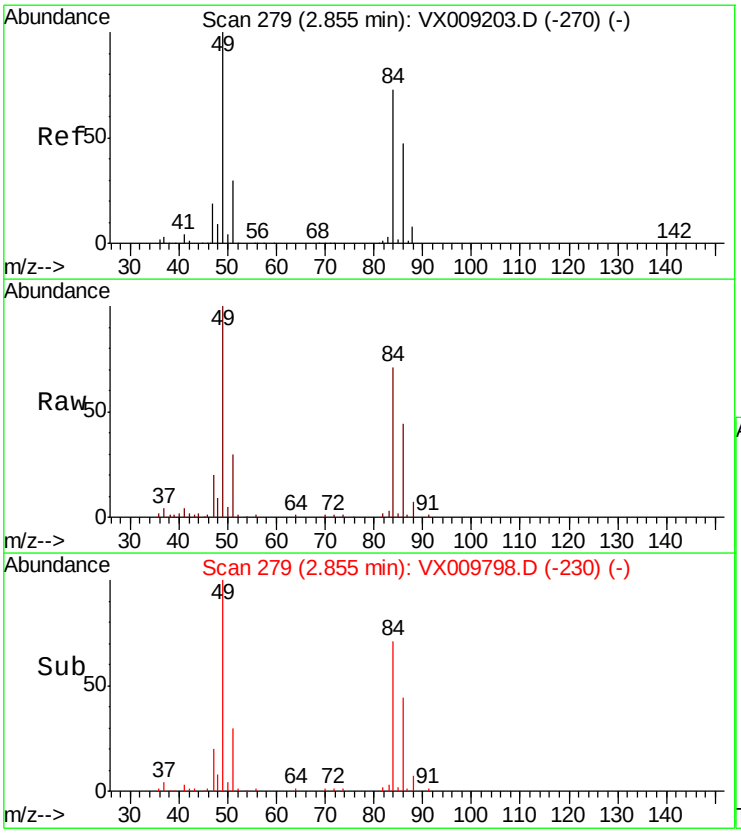
#18
Methyl Acetate
Concen: 1.558 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX009798.D
Acq: 22 May 2019 12:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 4538

Ion	Ratio	Lower	Upper
43	100		
74	20.6	16.2	24.4

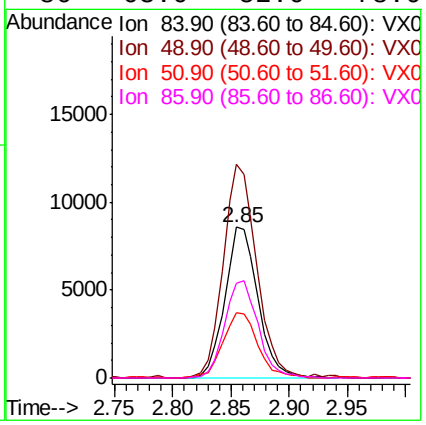


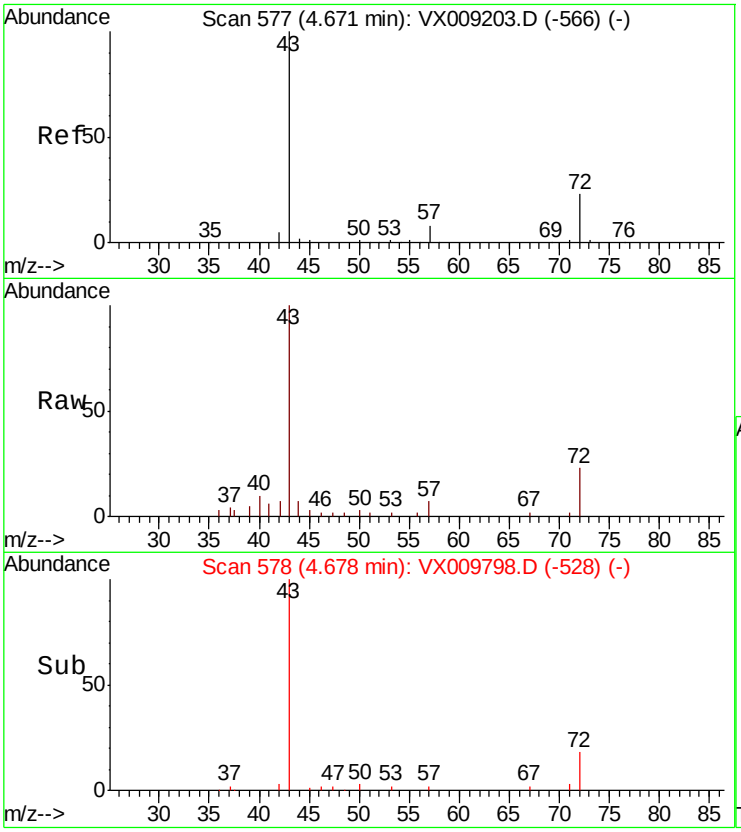


#20
Methylene Chloride
Concen: 8.560 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX009798.D
Acq: 22 May 2019 12:50

Tgt Ion: 84 Resp: 16977

Ion	Ratio	Lower	Upper
84	100		
49	141.7	109.9	164.9
51	42.1	32.7	49.1
86	63.0	52.0	78.0



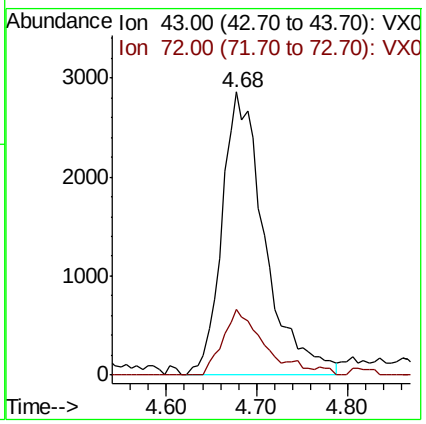


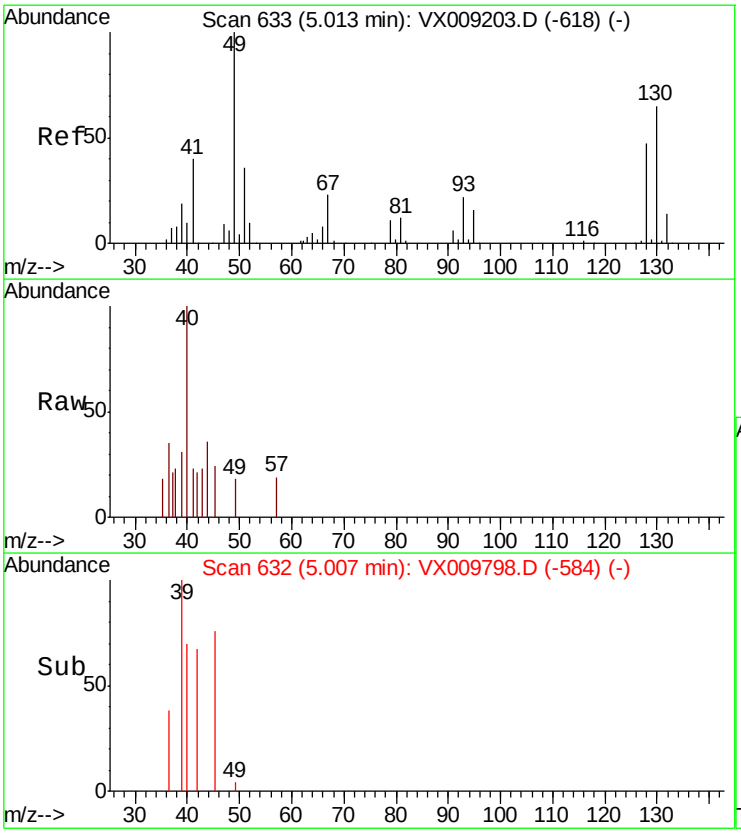
#25
2-Butanone
Concen: 4.934 ug/l
RT: 4.68 min Scan# 578
Delta R.T. 0.01 min
Lab File: VX009798.D
Acq: 22 May 2019 12:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 9392

Ion	Ratio	Lower	Upper
43	100		
72	23.0	18.2	27.2

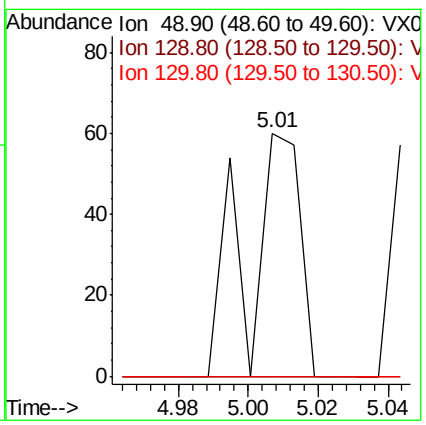


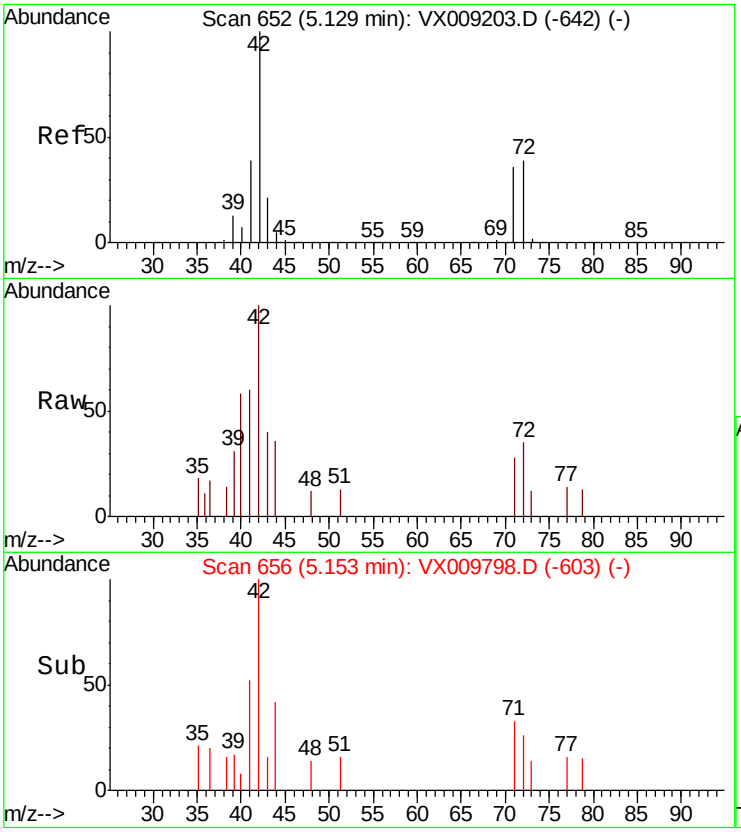


#28
Bromochloromethane
Concen: Below Cal
RT: 5.01 min Scan# 632
Delta R.T. -0.01 min
Lab File: VX009798.D
Acq: 22 May 2019 12:50

Tgt Ion: 49 Resp: 63

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



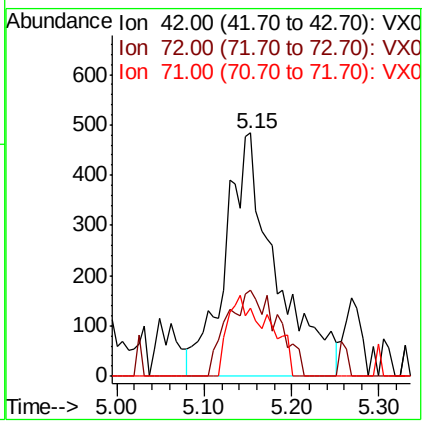


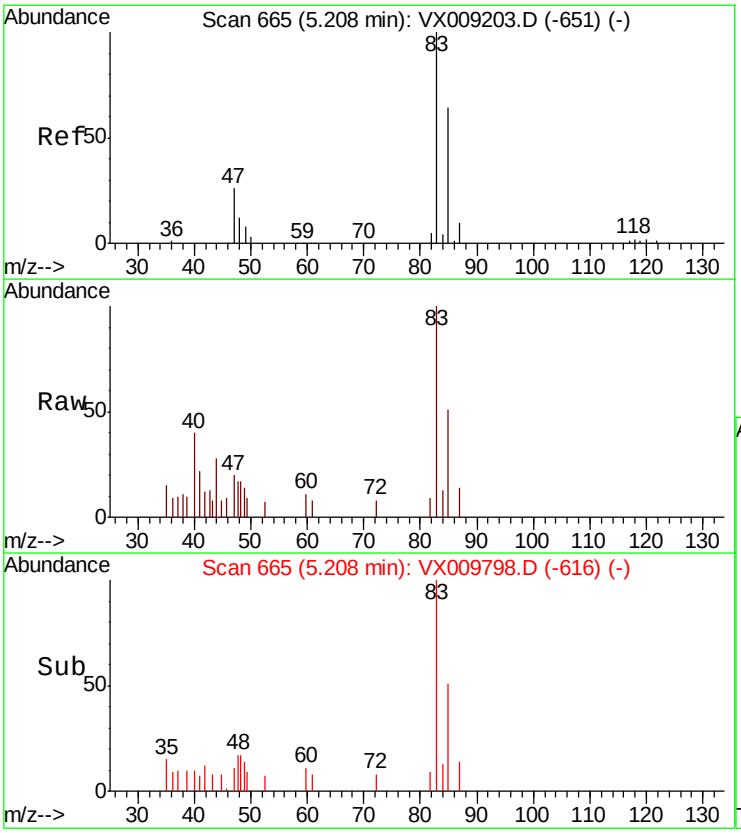
#29
Tetrahydrofuran
Concen: 1.585 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.02 min
Lab File: VX009798.D
Acq: 22 May 2019 12:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 42 Resp: 1942

Ion	Ratio	Lower	Upper
42	100		
72	35.2	30.4	45.6
71	18.2	28.6	43.0#

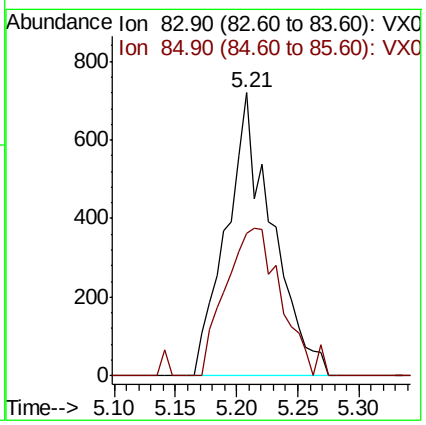


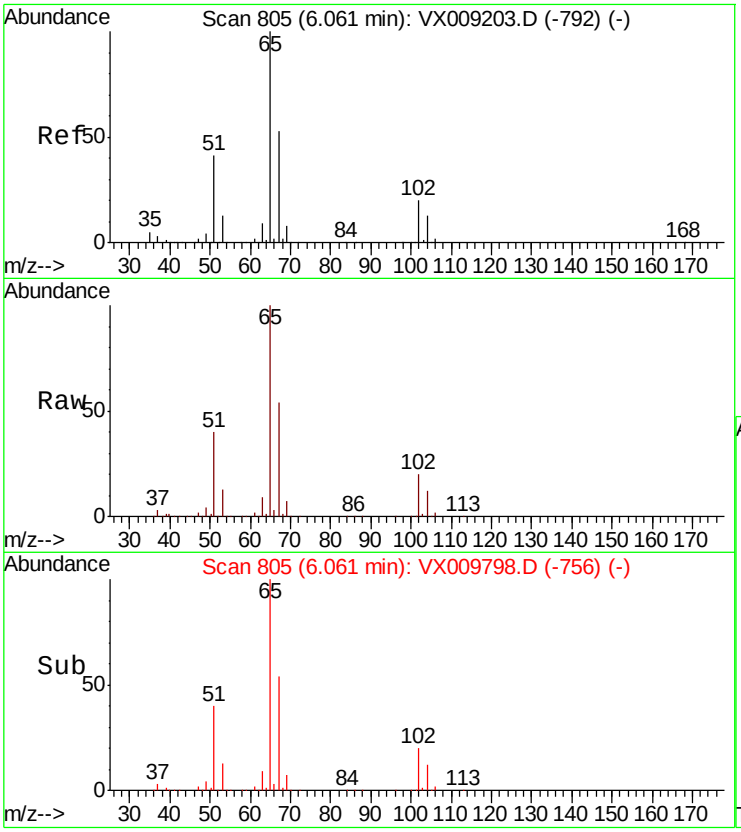


#30
Chloroform
Concen: 0.571 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX009798.D
Acq: 22 May 2019 12:50

Tgt Ion: 83 Resp: 1871

Ion	Ratio	Lower	Upper
83	100		
85	50.6	51.5	77.3#



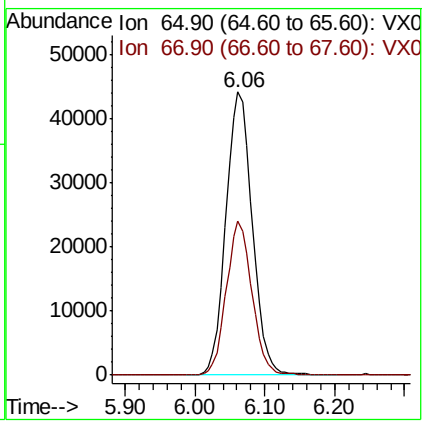


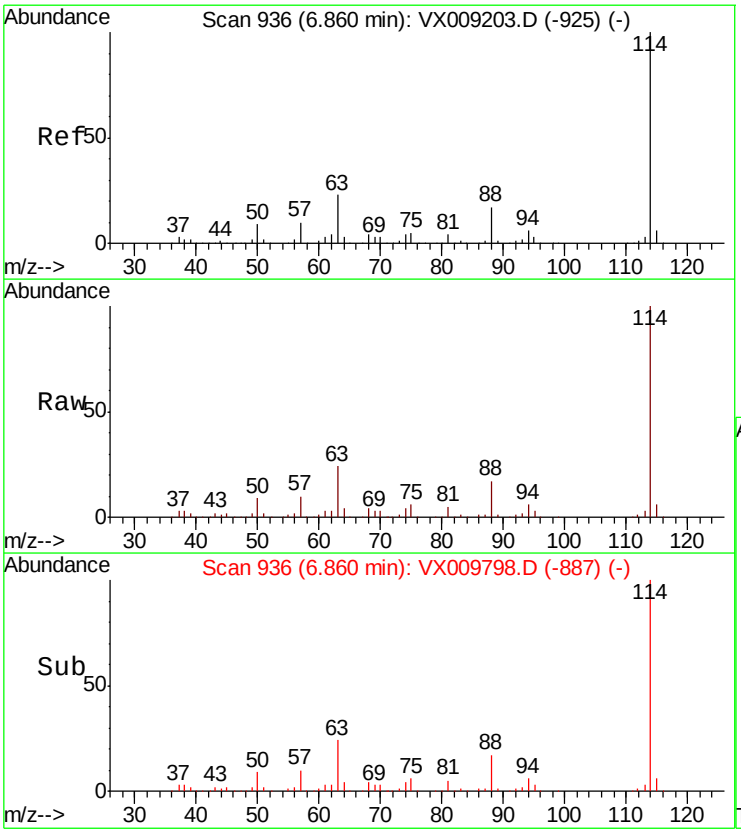
#33
1,2-Dichloroethane-d4
Concen: 50.798 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX009798.D
Acq: 22 May 2019 12:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 115885

Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	106.6

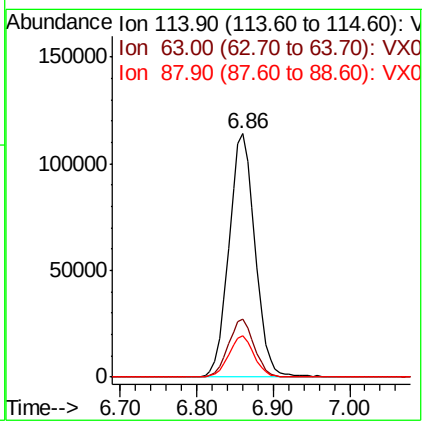


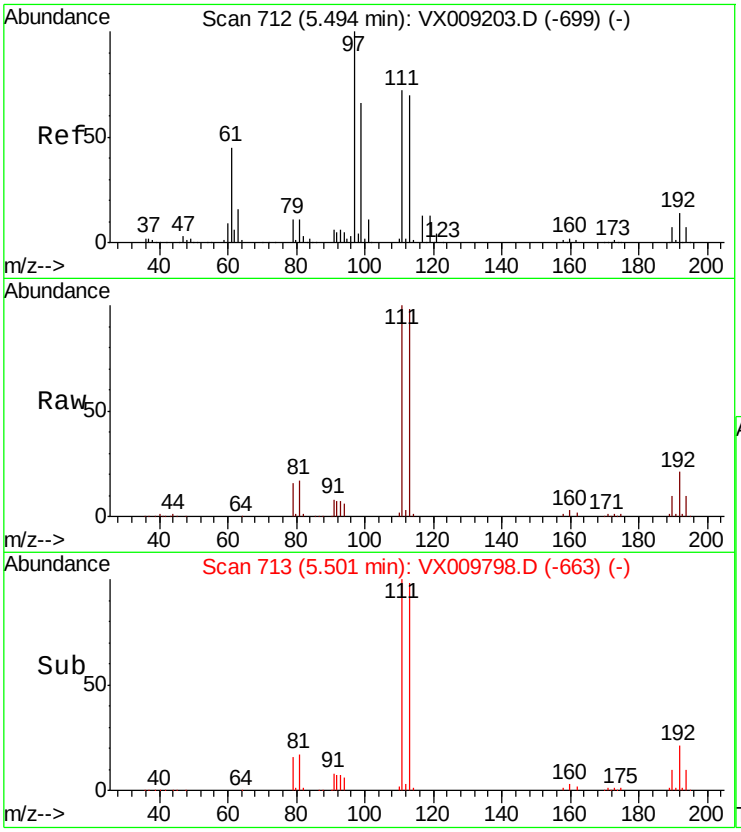


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX009798.D
Acq: 22 May 2019 12:50

Tgt Ion:114 Resp: 269242

Ion	Ratio	Lower	Upper
114	100		
63	23.6	0.0	45.6
88	17.0	0.0	33.2



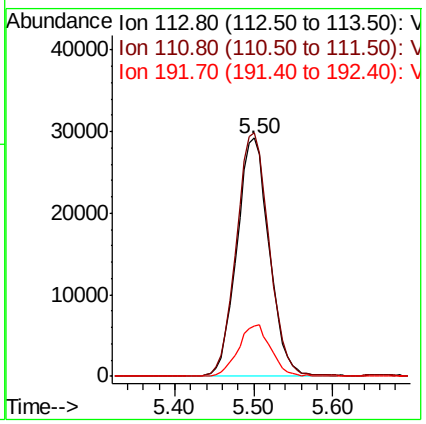


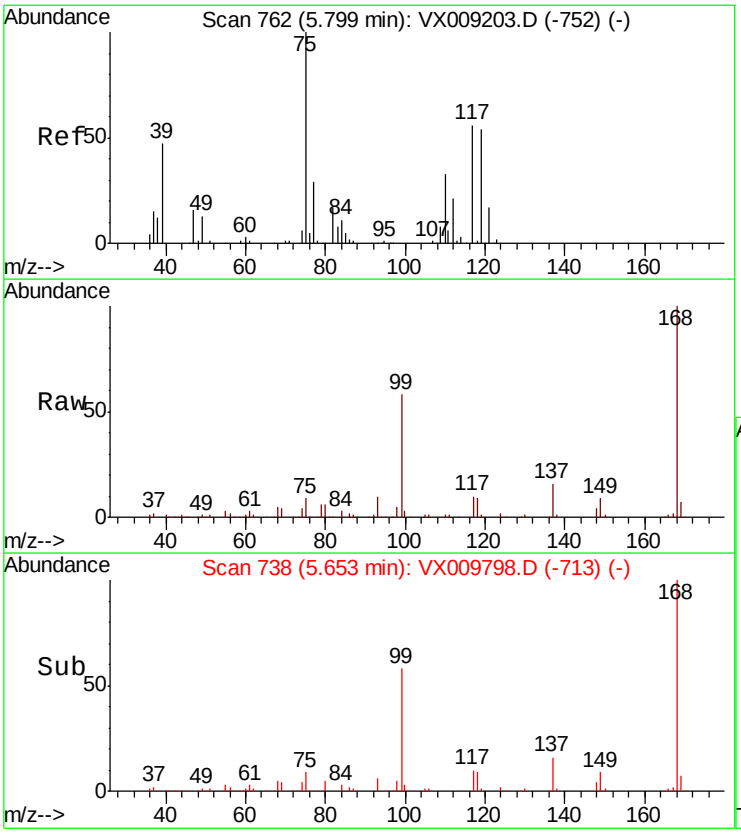
#35
Dibromofluoromethane
Concen: 49.418 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX009798.D
Acq: 22 May 2019 12:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 83643

Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.8	124.2
192	21.5	17.0	25.6

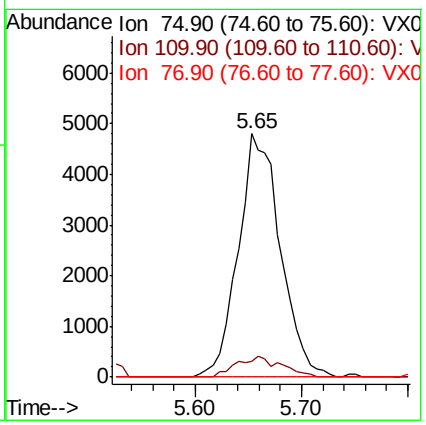


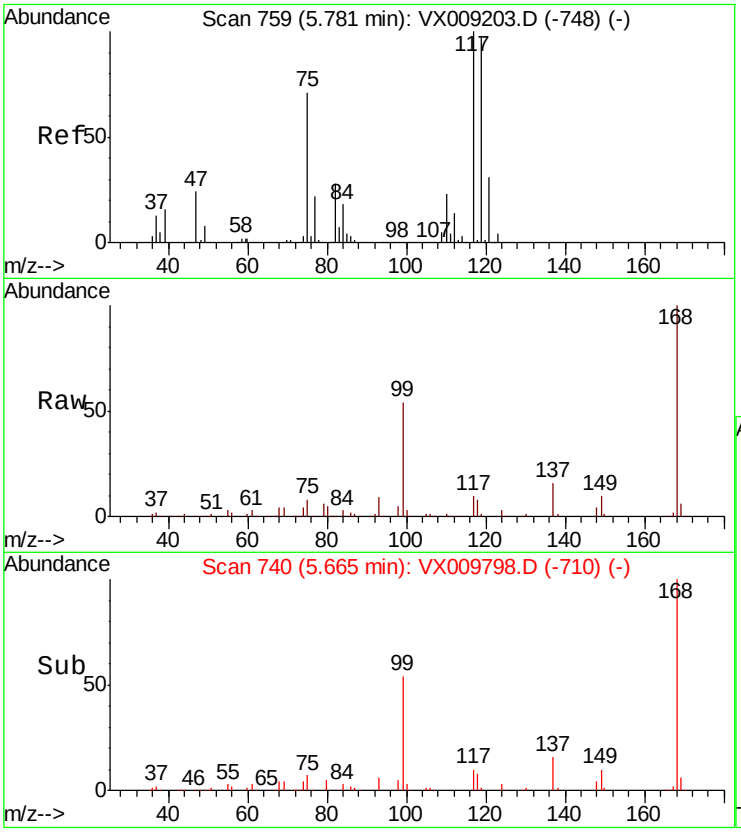


#36
1,1-Dichloropropene
Concen: 5.310 ug/l
RT: 5.65 min Scan# 738
Delta R.T. -0.15 min
Lab File: VX009798.D
Acq: 22 May 2019 12:50

Tgt Ion: 75 Resp: 13286

Ion	Ratio	Lower	Upper
75	100		
110	9.2	16.9	50.6#
77	0.0	24.8	37.2#



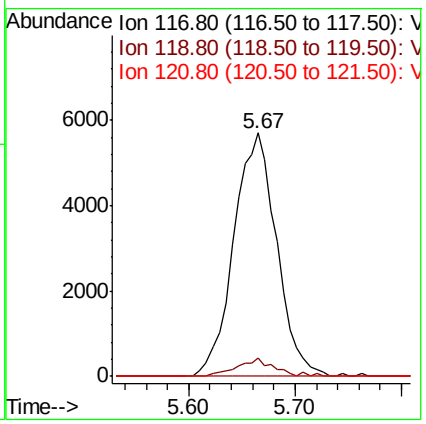


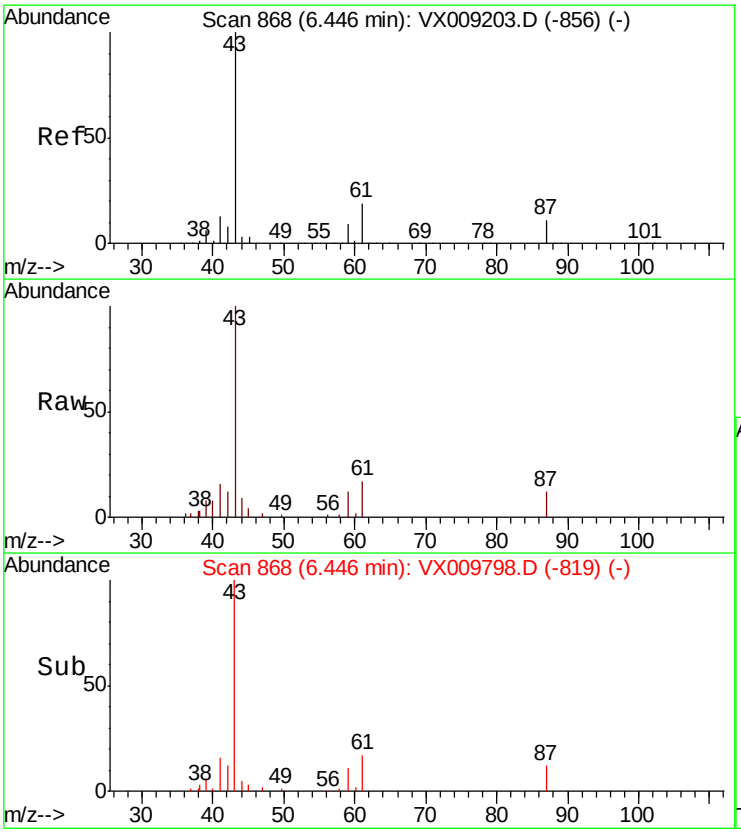
#38
Carbon Tetrachloride
Concen: 7.052 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX009798.D
Acq: 22 May 2019 12:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 16031

Ion	Ratio	Lower	Upper
117	100		
119	7.4	77.5	116.3#
121	0.0	24.7	37.1#

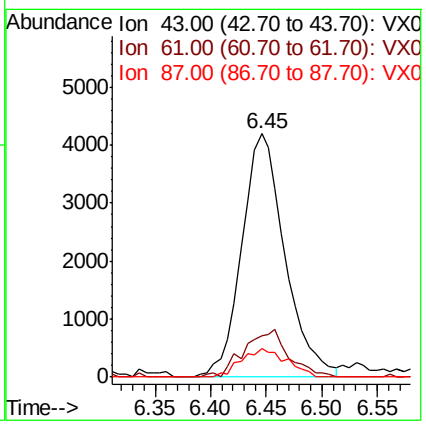


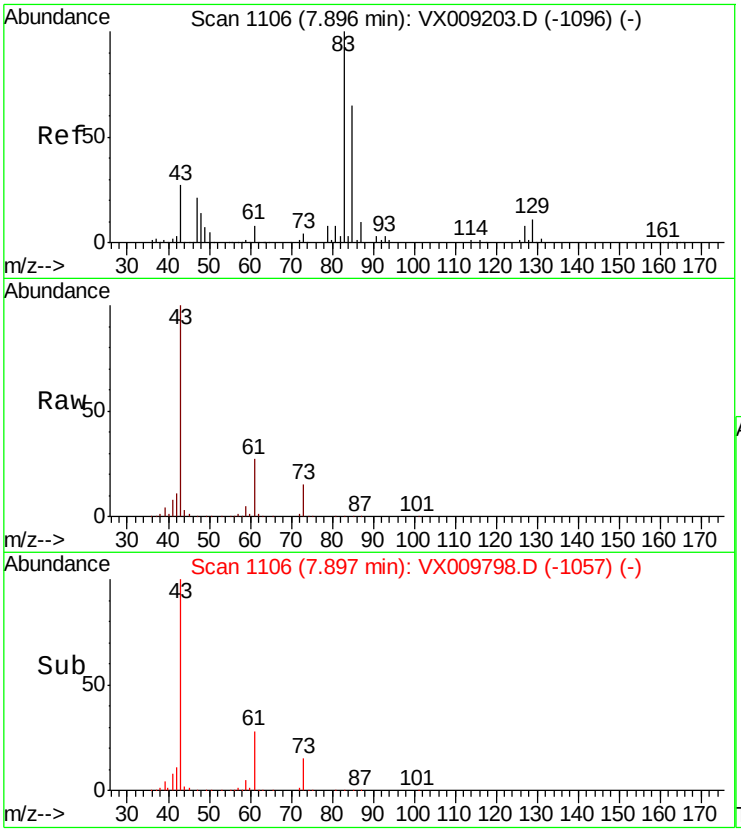


#43
Isopropyl Acetate
Concen: 2.029 ug/l
RT: 6.45 min Scan# 868
Delta R.T. 0.00 min
Lab File: VX009798.D
Acq: 22 May 2019 12:50

Tgt Ion: 43 Resp: 11312

Ion	Ratio	Lower	Upper
43	100		
61	20.1	15.1	22.7
87	12.2	9.0	13.6



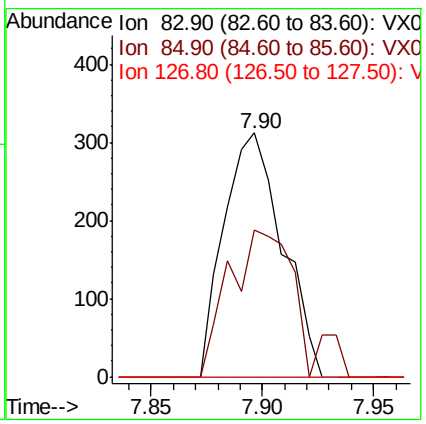


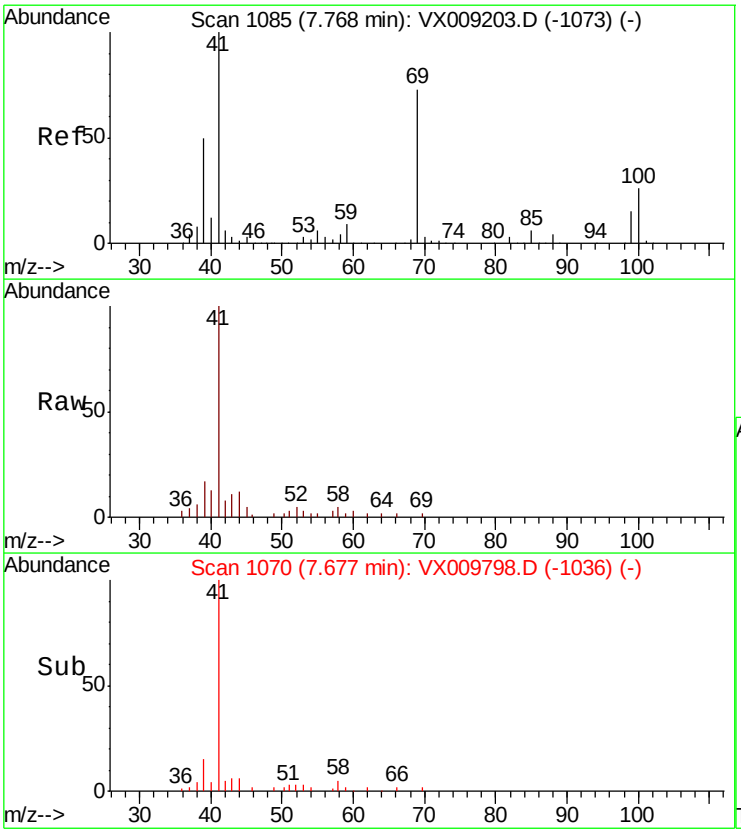
#47
Bromodichloromethane
Concen: 0.224 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VX009798.D
Acq: 22 May 2019 12:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 83 Resp: 570

Ion	Ratio	Lower	Upper
83	100		
85	60.3	52.4	78.6
127	0.0	6.6	10.0#

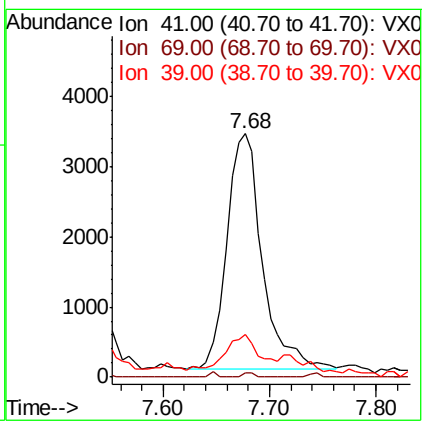


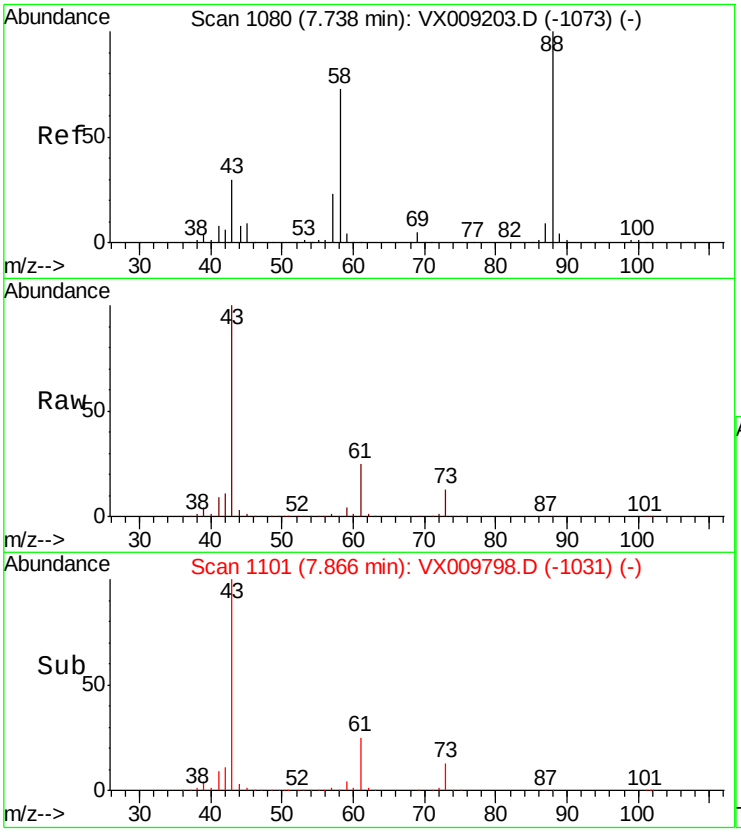


#48
Methyl methacrylate
Concen: 2.811 ug/l
RT: 7.68 min Scan# 1070
Delta R.T. -0.09 min
Lab File: VX009798.D
Acq: 22 May 2019 12:50

Tgt Ion: 41 Resp: 7778

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



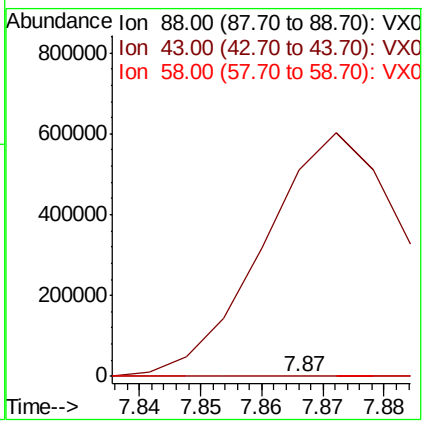


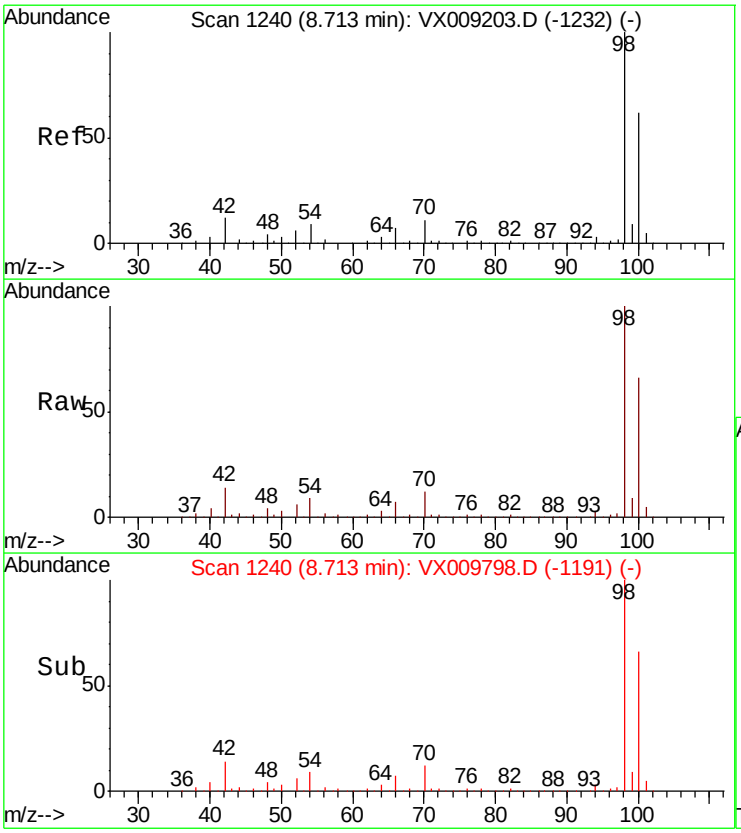
#49
1,4-Dioxane
Concen: 1.479 ug/l
RT: 7.87 min Scan# 1101
Delta R.T. 0.13 min
Lab File: VX009798.D
Acq: 22 May 2019 12:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 88 Resp: 83

Ion	Ratio	Lower	Upper
88	100		
43	1216981.9	28.6	42.8#
58	4781.9	61.7	92.5#

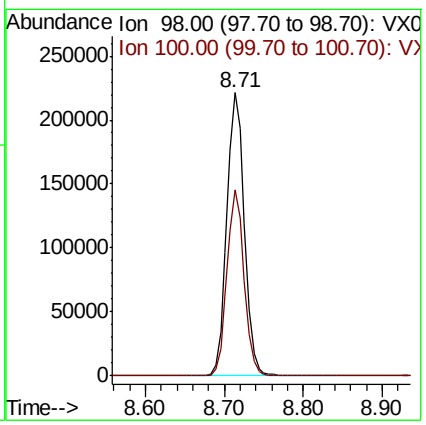


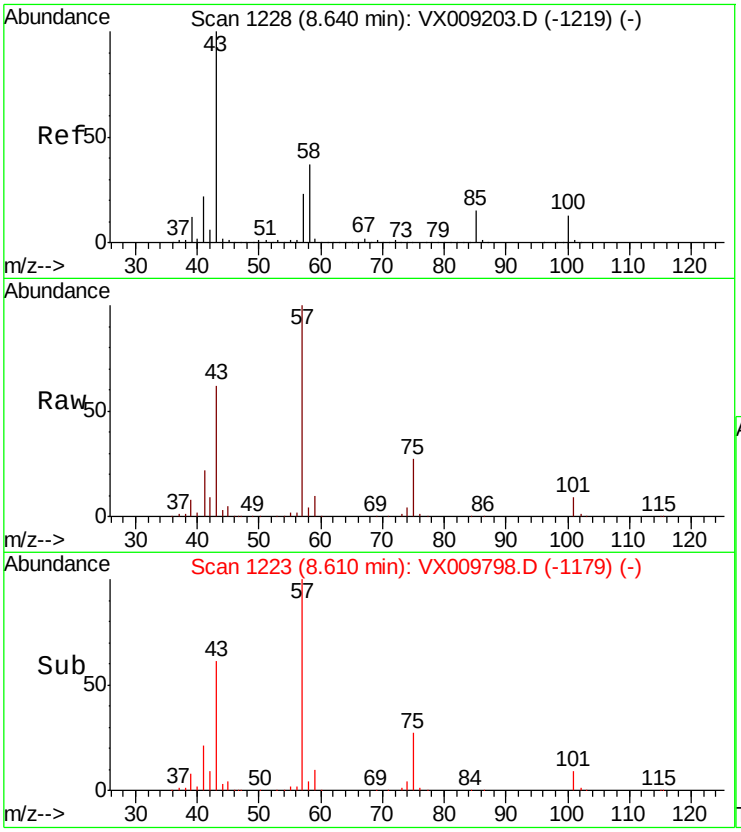


#50
Toluene-d8
Concen: 50.057 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009798.D
Acq: 22 May 2019 12:50

Tgt Ion: 98 Resp: 342051

Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.2	76.8



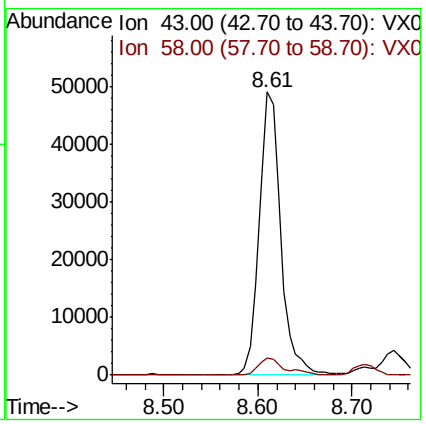


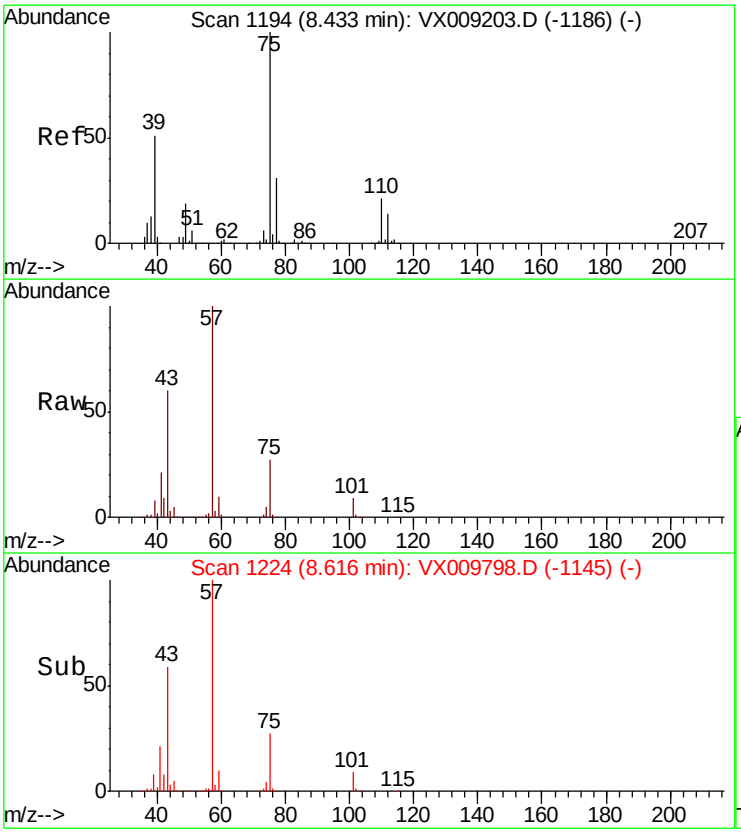
#51
4-Methyl-2-Pentanone
Concen: 21.545 ug/l
RT: 8.61 min Scan# 1223
Delta R.T. -0.03 min
Lab File: VX009798.D
Acq: 22 May 2019 12:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 78526

Ion	Ratio	Lower	Upper
43	100		
58	7.5	29.5	44.3#

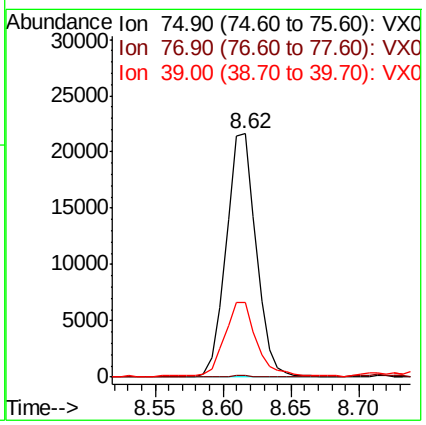


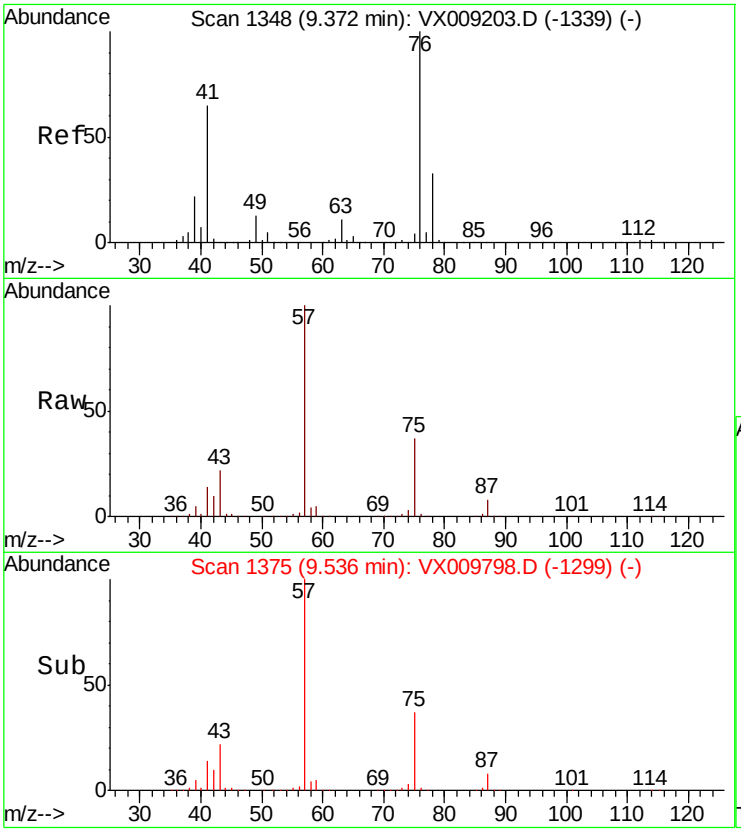


#54
cis-1,3-Dichloropropene
Concen: 10.444 ug/l
RT: 8.62 min Scan# 1224
Delta R.T. 0.18 min
Lab File: VX009798.D
Acq: 22 May 2019 12:50

Tgt Ion: 75 Resp: 33149

Ion	Ratio	Lower	Upper
75	100		
77	0.7	24.6	36.8#
39	30.1	40.6	60.8#



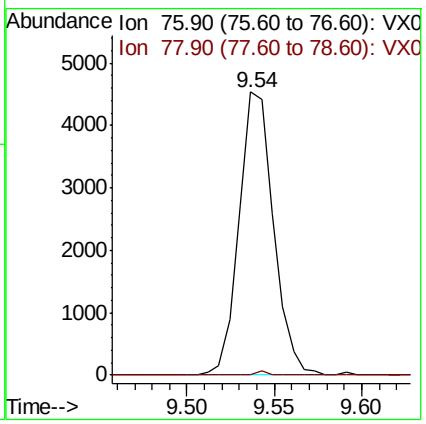


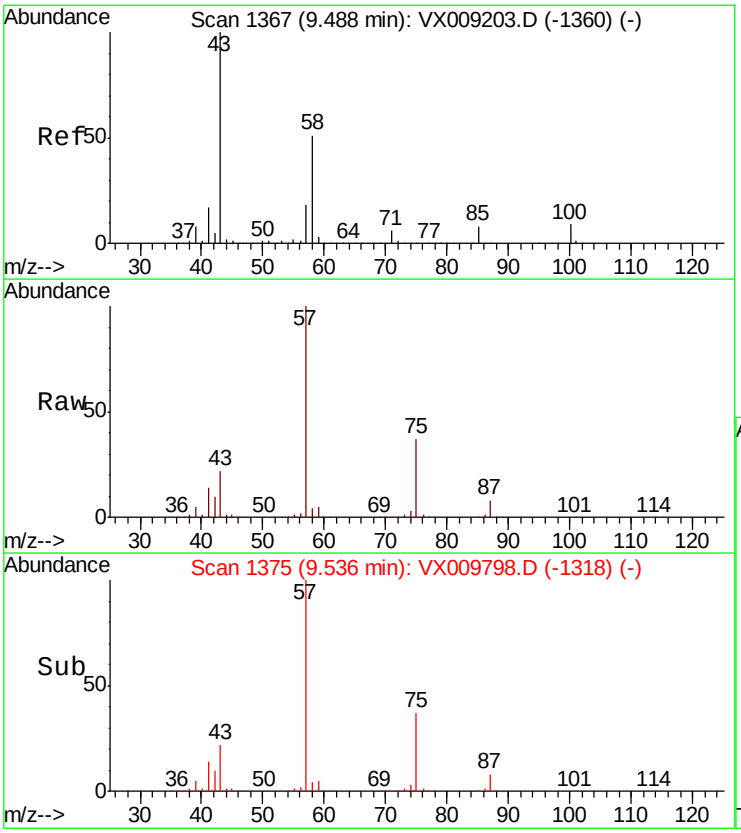
#57
1,3-Dichloropropane
Concen: 1.839 ug/l
RT: 9.54 min Scan# 1375
Delta R.T. 0.16 min
Lab File: VX009798.D
Acq: 22 May 2019 12:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 76 Resp: 6216

Ion	Ratio	Lower	Upper
76	100		
78	0.4	25.5	38.3#

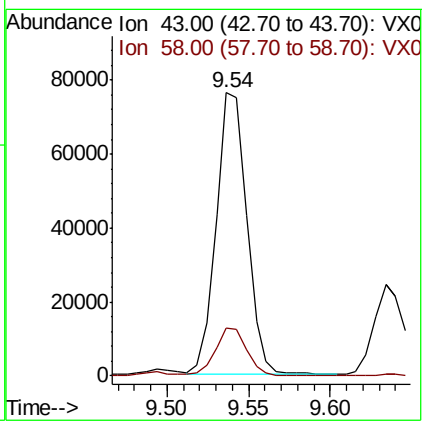


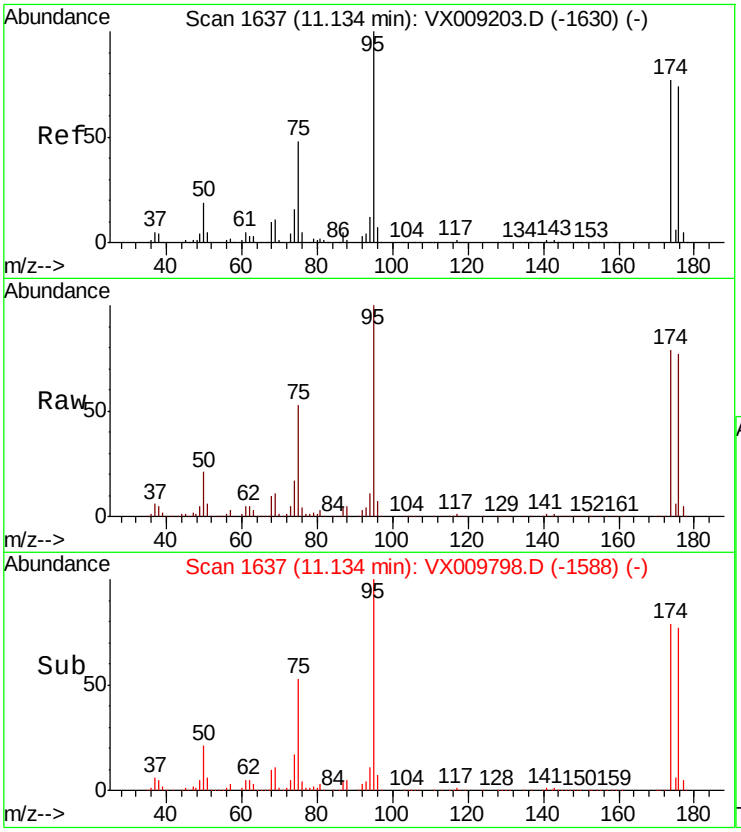


#59
2-Hexanone
Concen: 35.039 ug/l
RT: 9.54 min Scan# 1375
Delta R.T. 0.05 min
Lab File: VX009798.D
Acq: 22 May 2019 12:50

Tgt Ion: 43 Resp: 100301

Ion	Ratio	Lower	Upper
43	100		
58	17.7	25.9	77.7#



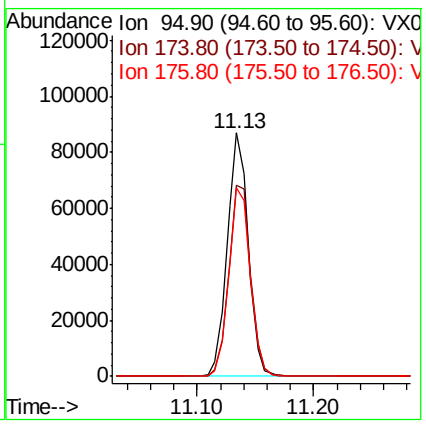


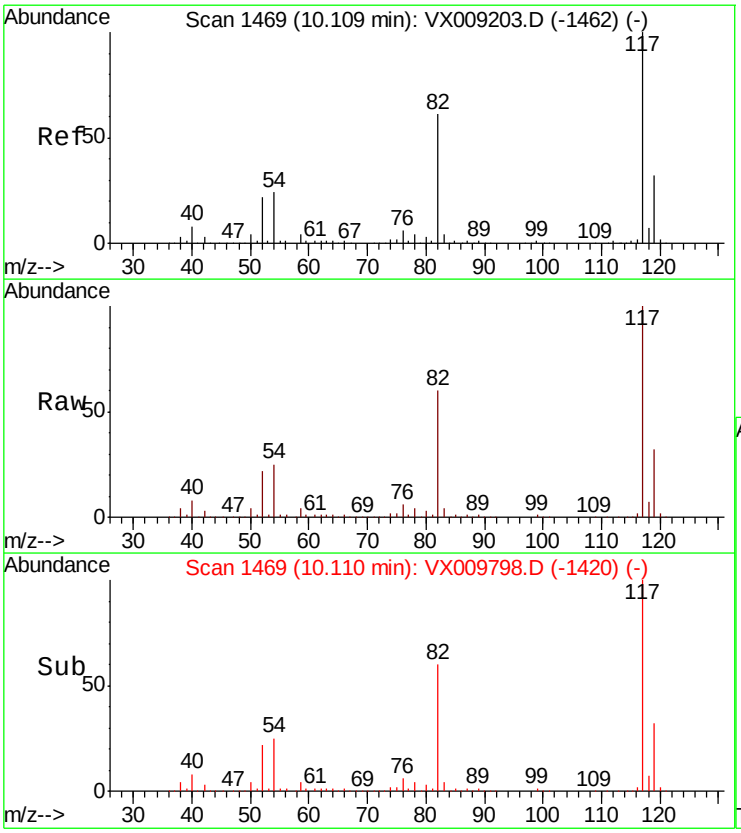
#62
4-Bromofluorobenzene
Concen: 43.881 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX009798.D
Acq: 22 May 2019 12:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 108956

Ion	Ratio	Lower	Upper
95	100		
174	82.2	0.0	161.6
176	79.2	0.0	159.2

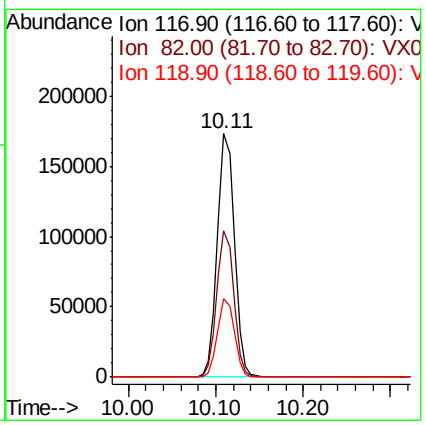


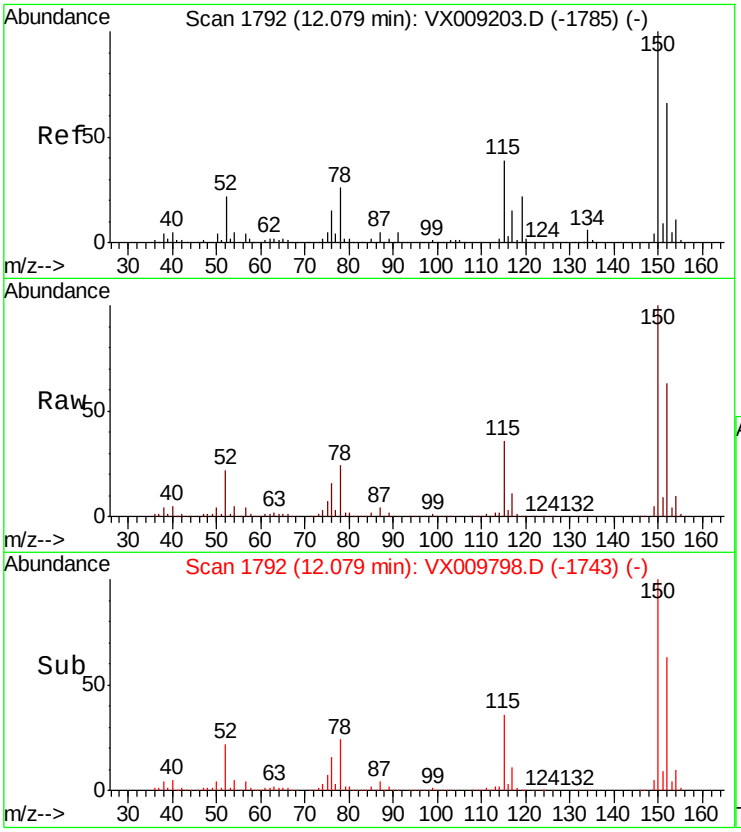


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009798.D
Acq: 22 May 2019 12:50

Tgt Ion:117 Resp: 234717

Ion	Ratio	Lower	Upper
117	100		
82	60.3	48.8	73.2
119	32.1	25.8	38.6



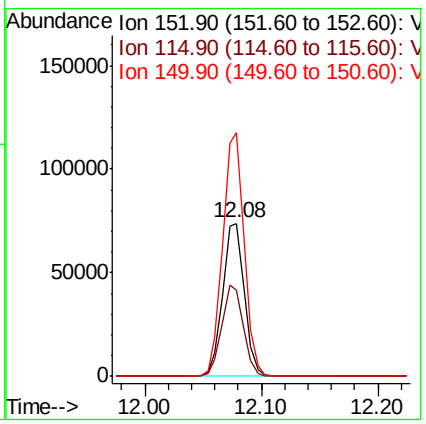


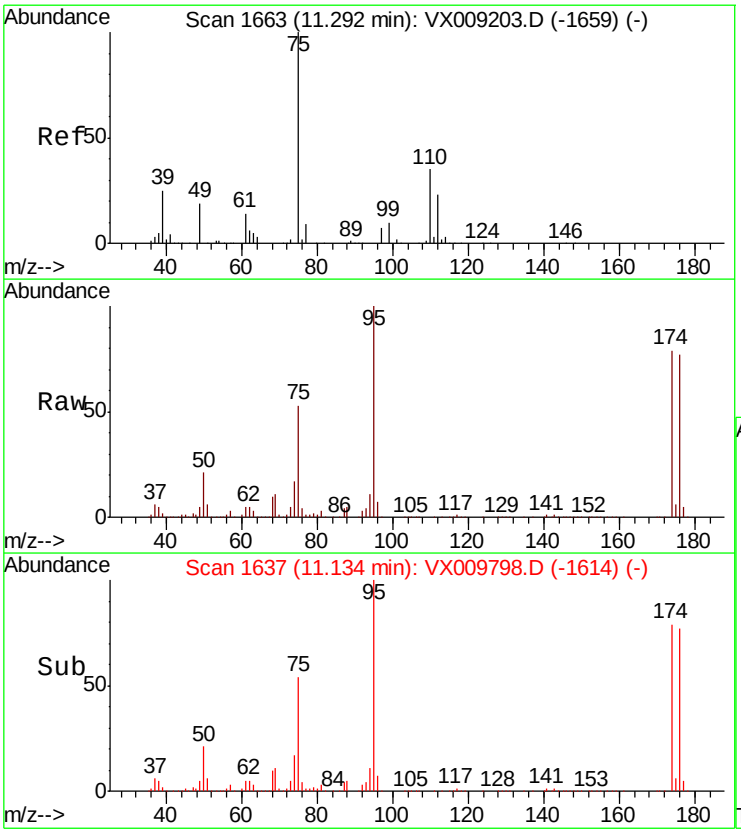
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009798.D
Acq: 22 May 2019 12:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:152 Resp: 94849

Ion	Ratio	Lower	Upper
152	100		
115	58.8	41.2	123.6
150	158.1	0.0	346.4

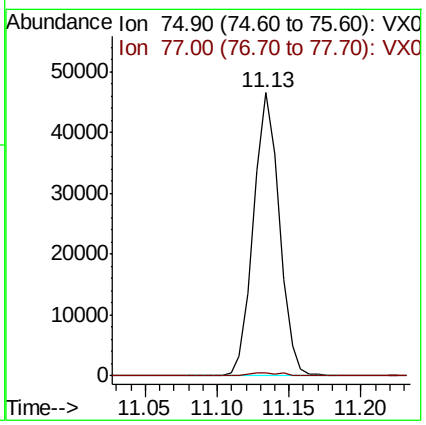


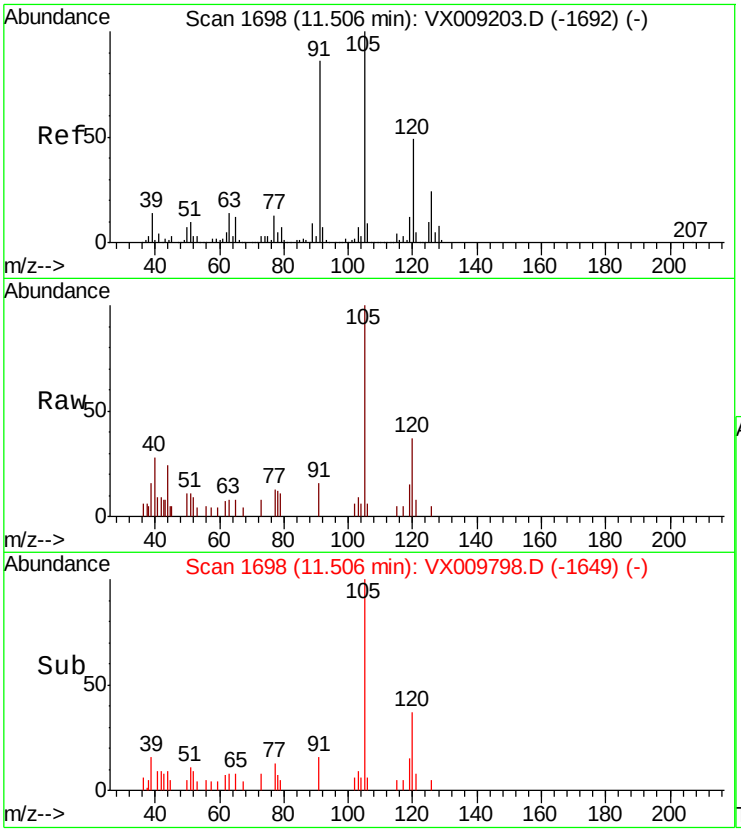


#76
1,2,3-Trichloropropane
Concen: 26.059 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX009798.D
Acq: 22 May 2019 12:50

Tgt Ion: 75 Resp: 57334

Ion	Ratio	Lower	Upper
75	100		
77	1.5	22.1	66.1#



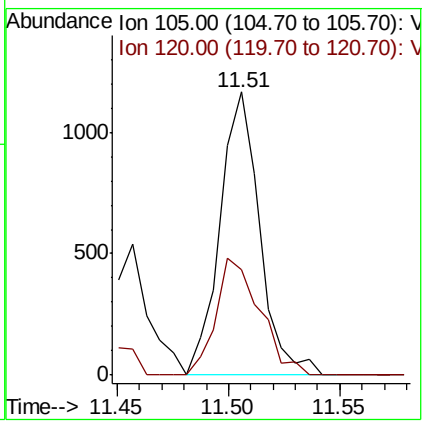


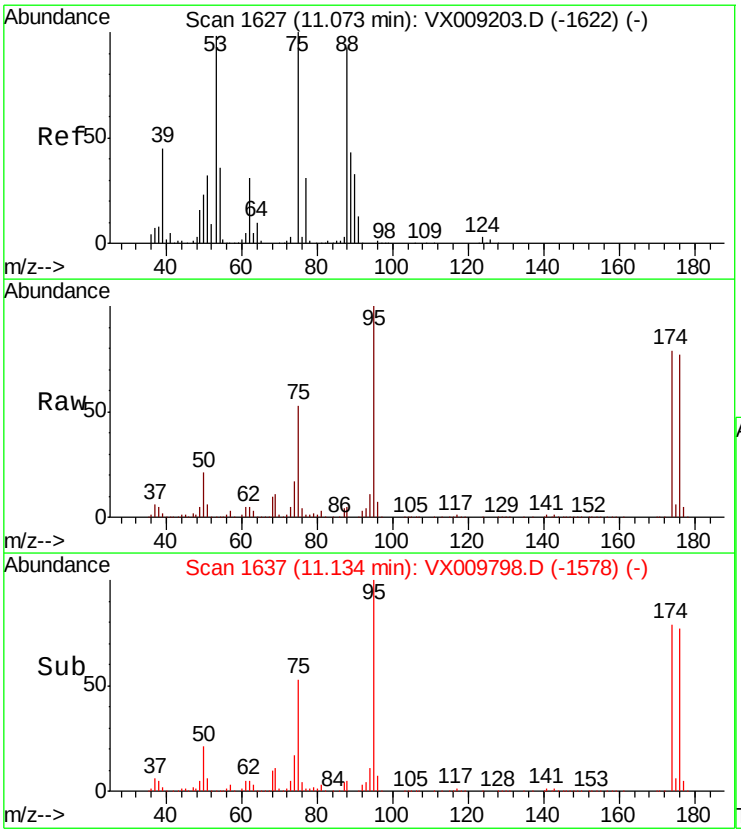
#80
1,3,5-Trimethylbenzene
Concen: 0.248 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX009798.D
Acq: 22 May 2019 12:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:105 Resp: 1443

Ion	Ratio	Lower	Upper
105	100		
120	45.7	24.3	72.9

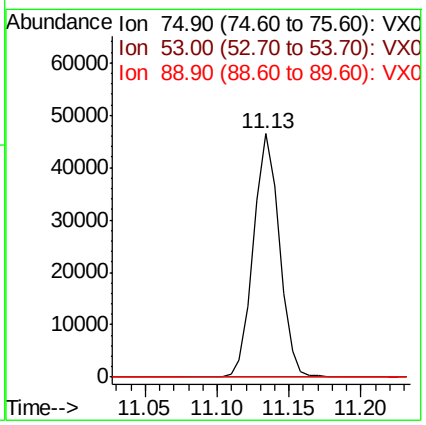


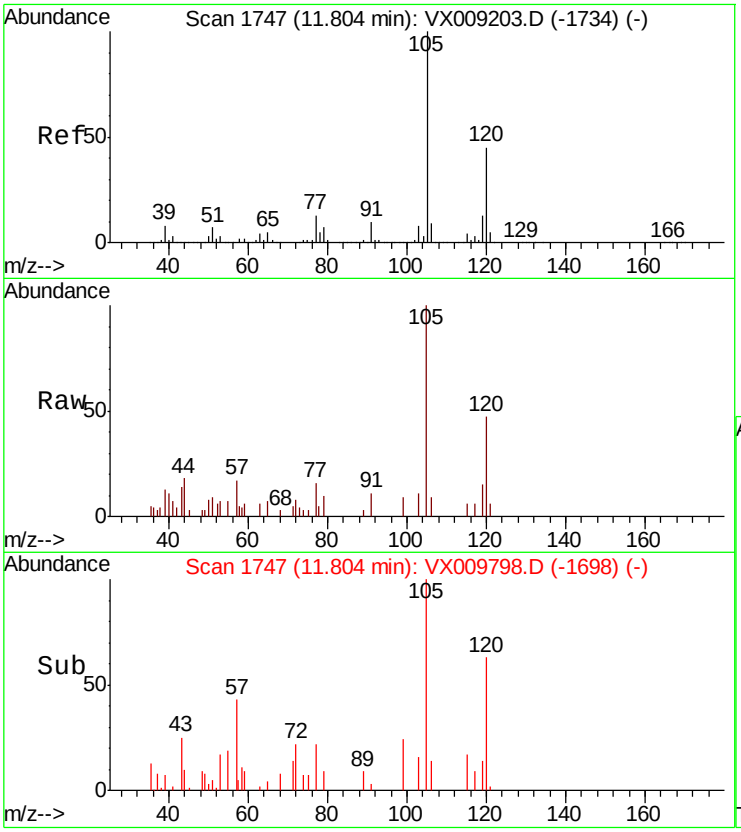


#81
trans-1,4-Dichloro-2-butene
Concen: 66.676 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX009798.D
Acq: 22 May 2019 12:50

Tgt Ion: 75 Resp: 57334

Ion	Ratio	Lower	Upper
75	100		
53	0.2	79.0	118.6#
89	0.0	34.7	52.1#



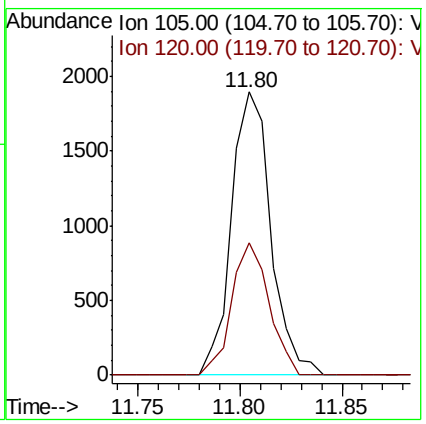


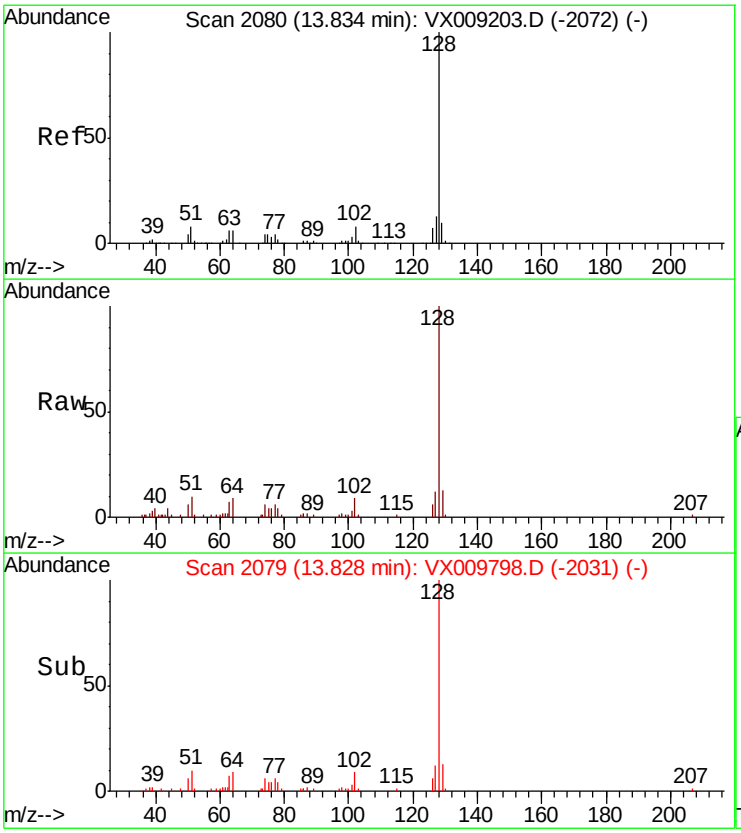
#84
1,2,4-Trimethylbenzene
Concen: 0.435 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX009798.D
Acq: 22 May 2019 12:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:105 Resp: 2534

Ion	Ratio	Lower	Upper
105	100		
120	44.3	22.0	66.0





#95
Naphthalene
Concen: 1.730 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX009798.D
Acq: 22 May 2019 12:50

Tgt Ion:128 Resp: 11961

Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.4	15.6
129	11.8	8.6	13.0