Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX041019\

Quantitation Report (Not Reviewed)

Data File : VX008838.D
Acq On : 11 Apr 2019 05:01
Operator : JC/SP
Sample : K2342-12
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : TP-12-S

Quant Time: Apr 11 06:05:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	193506	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	310911	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	275492	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	115057	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	127608	45.21	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.42%			
35) Dibromofluoromethane	5.49	113	93288	46.93	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.86%			
50) Toluene-d8	8.71	98	396431	50.09	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.18%			
62) 4-Bromofluorobenzene	11.13	95	133065	47.41	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.82%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	647	Below Cal	#	88
5) Bromomethane	1.62	94	139	1.975	ug/l	83
6) Chloroethane	1.72	64	67	Below Cal	#	63
8) Diethyl Ether	2.19	74	424	0.269	ug/l	87
11) Tert butyl alcohol	3.05	59	554	0.838	ug/l #	72
13) Acrolein	2.29	56	378	1.154	ug/l #	76
16) Acetone	2.44	43	22286	13.709	ug/l	100
17) Carbon Disulfide	2.57	76	854	Below Cal	#	75
18) Methyl Acetate	2.78	43	3633	0.921	ug/l	99
20) Methylene Chloride	2.85	84	68118	25.033	ug/l	95
25) 2-Butanone	4.68	43	6604	2.570	ug/l	98
28) Bromochloromethane	5.05	49	22	Below Cal	#	22
29) Tetrahydrofuran	5.14	42	1904	1.117	ug/l #	92
30) Chloroform	5.21	83	1630	0.373	ug/l #	79
31) Cyclohexane	5.67	56	4260	0.874	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	15882	4.673	ug/l #	51
37) Ethyl Acetate	4.68	43	6604	1.456	ug/l #	70
38) Carbon Tetrachloride	5.66	117	19382	6.890	ug/l #	17
43) Isopropyl Acetate	6.45	43	10580	1.489	ug/l	99
47) Bromodichloromethane	7.90	83	644	0.204	ug/l #	89
48) Methyl methacrylate	7.67	41	6348	1.766	ug/l #	18
49) 1,4-Dioxane	7.86	88	134	1.990	ug/l #	1
51) 4-Methyl-2-Pentanone	8.61	43	72461	15.840	ug/l #	51
54) cis-1,3-Dichloropropene	8.61	75	30434	7.524	ug/l #	59
57) 1,3-Dichloropropane	9.54	76	7221	1.678	ug/l #	43
59) 2-Hexanone	9.54	43	115145	32.389	ug/l #	51
76) 1,2,3-Trichloropropane	11.13	75	66685	21.098	ug/l #	34
80) 1,3,5-Trimethylbenzene	11.51	105	2040	0.255	ug/l	94
81) trans-1,4-Dichloro-2-buten	11.13	75	66685	58.158	ug/l #	9
84) 1,2,4-Trimethylbenzene	11.81	105	1850	0.228	ug/l	92
95) Naphthalene	13.83	128	3014	0.318	ug/l #	92

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

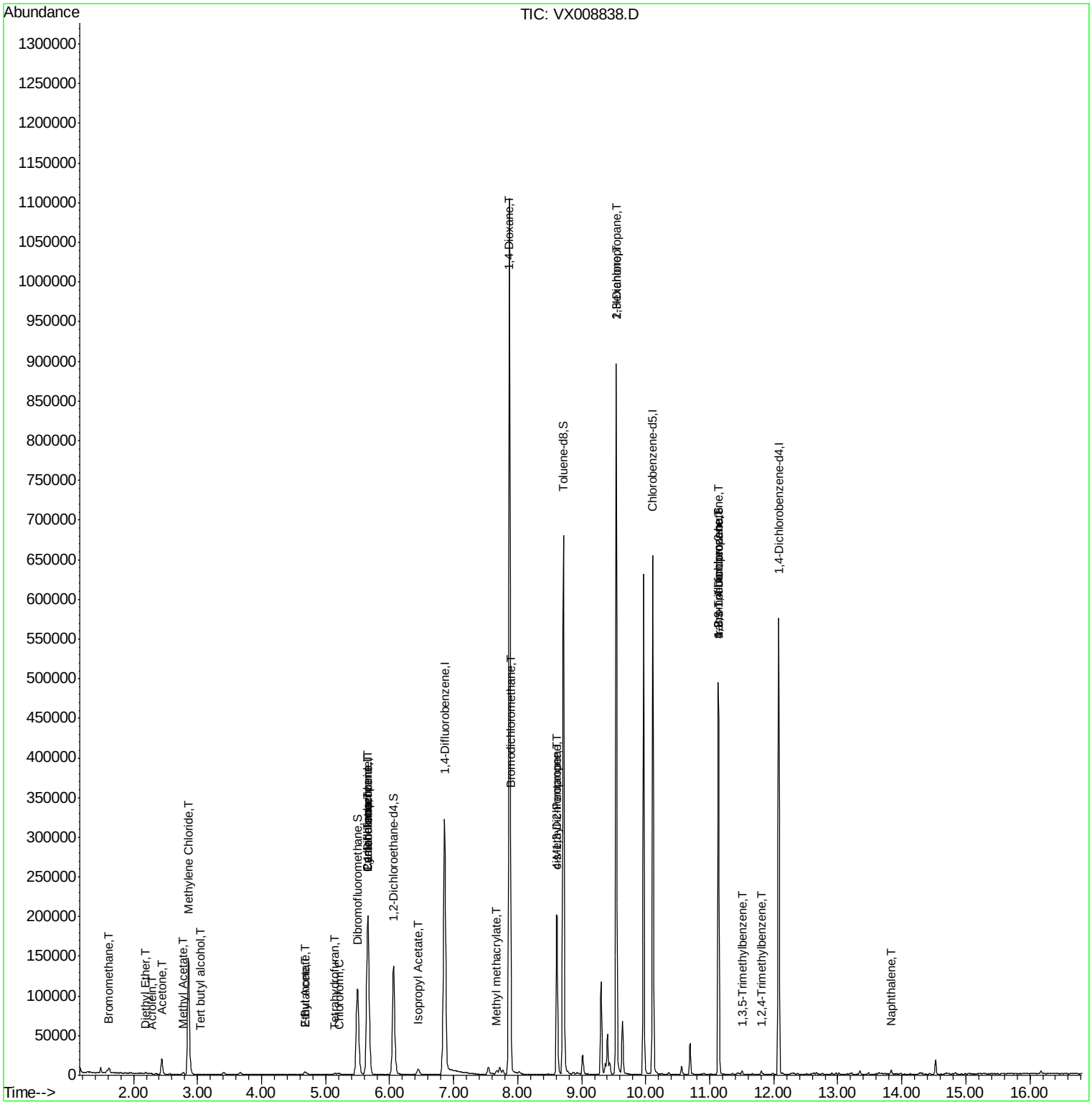
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX041019\

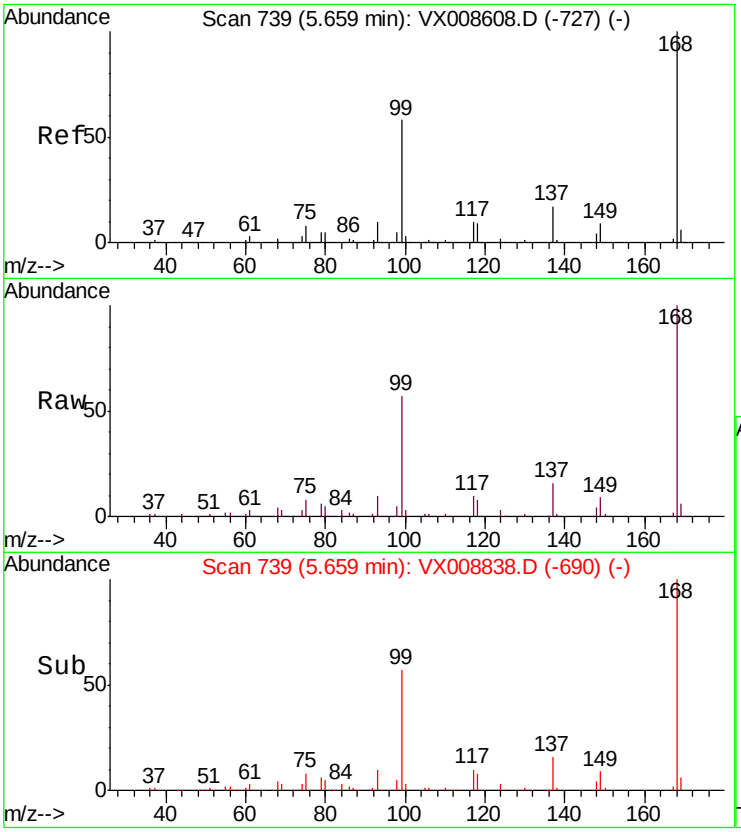
Quantitation Report (Not Reviewed)

Data File : VX008838.D
Acq On : 11 Apr 2019 05:01
Operator : JC/SP
Sample : K2342-12
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : TP-12-S

Quant Time: Apr 11 06:05:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration



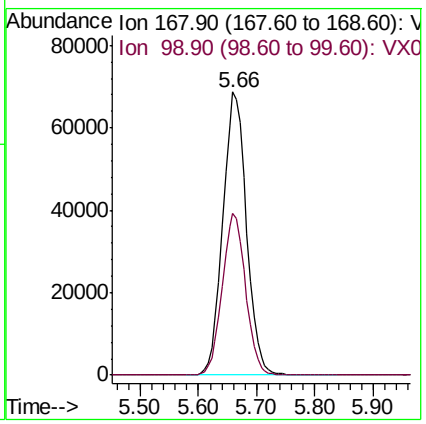


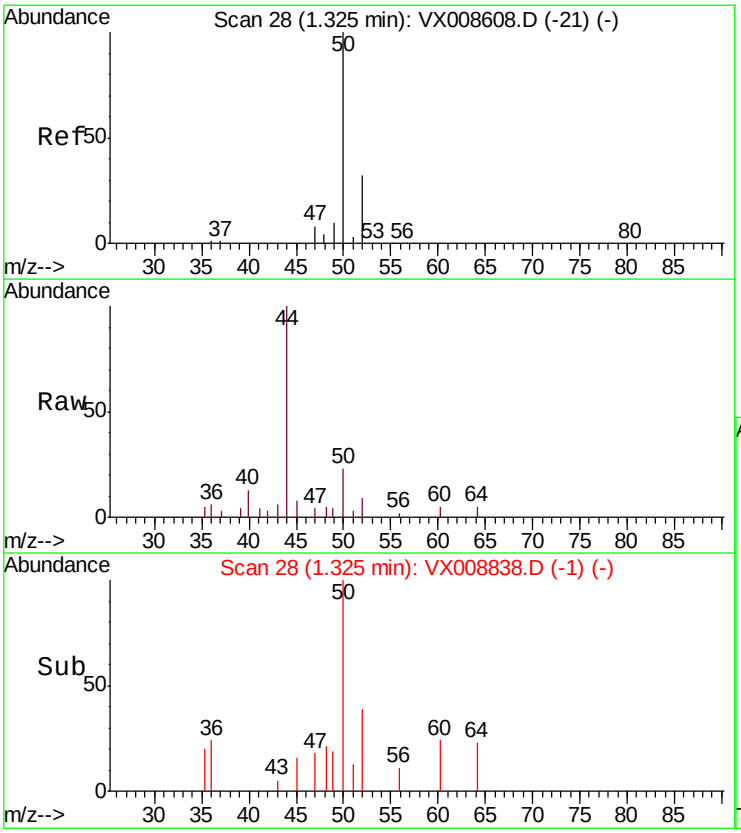
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.00 min
Lab File: VX008838.D
Acq: 11 Apr 2019 05:01

Instrument :
MSVOA_X
ClientSampleId :
TP-12-S

Tgt Ion:168 Resp: 193506

Ion	Ratio	Lower	Upper
168	100		
99	57.2	46.7	70.1

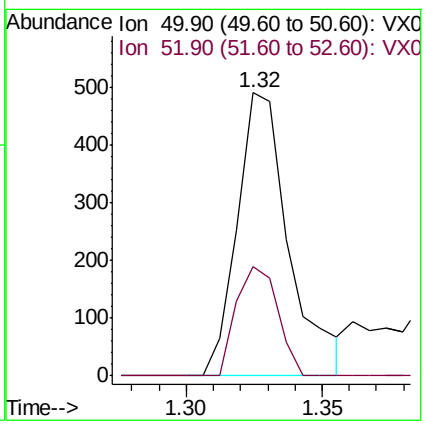


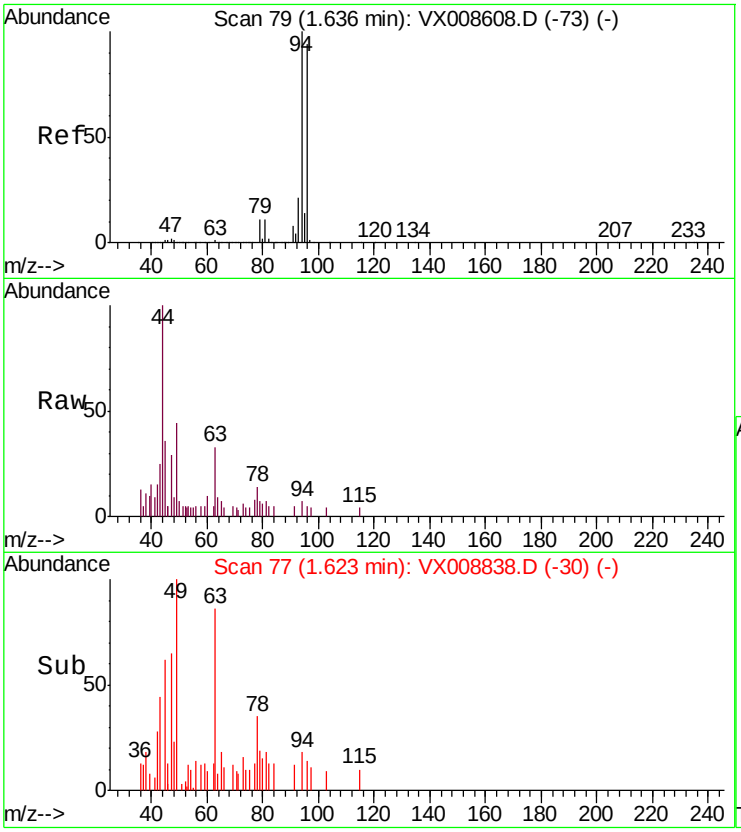


#3
Chloromethane
Concen: Below Cal
RT: 1.32 min Scan# 28
Delta R.T. 0.00 min
Lab File: VX008838.D
Acq: 11 Apr 2019 05:01

Tgt Ion: 50 Resp: 647

Ion	Ratio	Lower	Upper
50	100		
52	38.8	25.8	38.8#



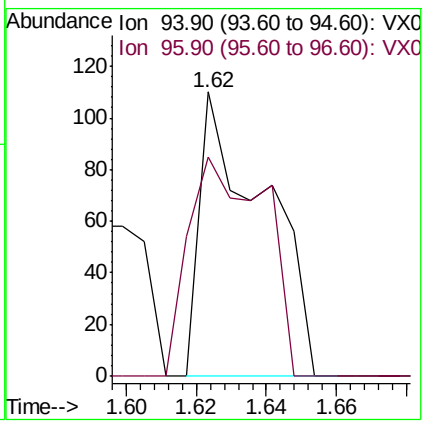


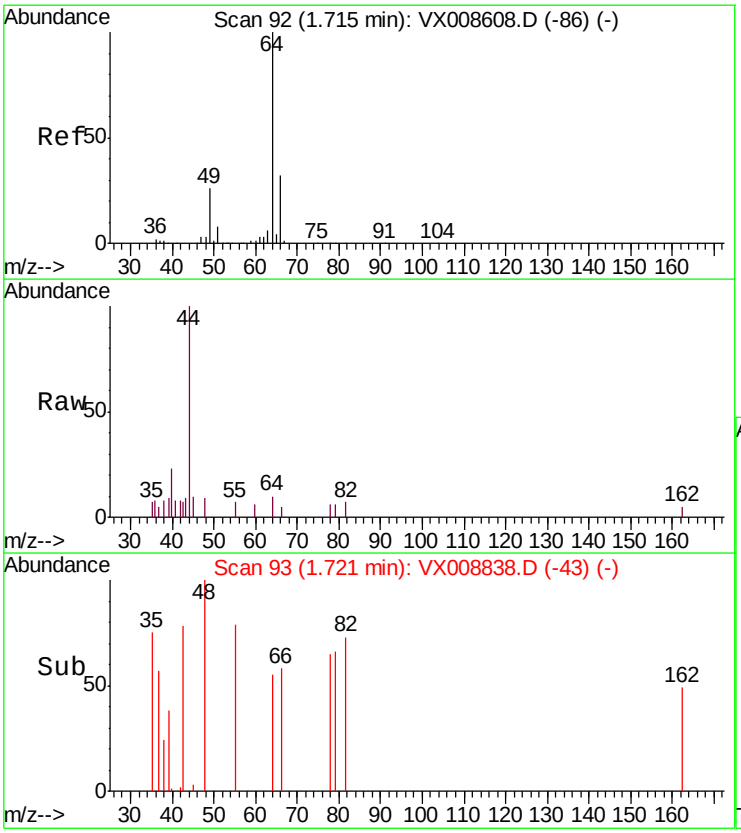
#5
Bromomethane
Concen: 1.975 ug/l
RT: 1.62 min Scan# 77
Delta R.T. -0.01 min
Lab File: VX008838.D
Acq: 11 Apr 2019 05:01

Instrument :
MSVOA_X
ClientSampleId :
TP-12-S

Tgt Ion: 94 Resp: 139

Ion	Ratio	Lower	Upper
94	100		
96	77.3	75.2	112.8

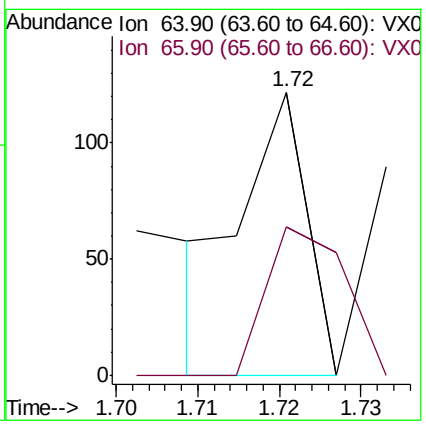


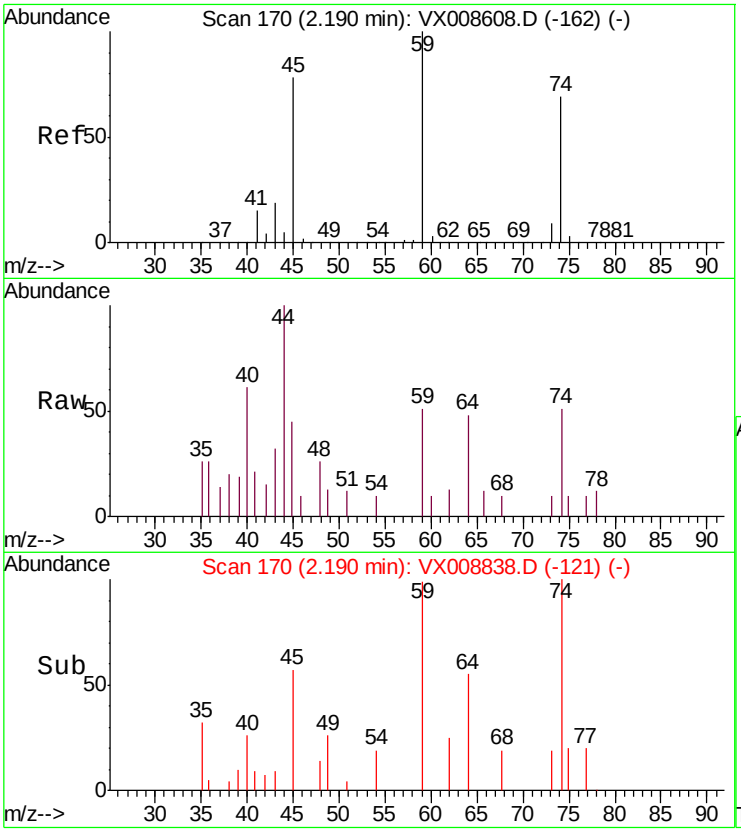


#6
Chloroethane
Concen: Below Cal
RT: 1.72 min Scan# 93
Delta R.T. 0.01 min
Lab File: VX008838.D
Acq: 11 Apr 2019 05:01

Tgt Ion: 64 Resp: 67

Ion	Ratio	Lower	Upper
64	100		
66	52.5	25.4	38.0#



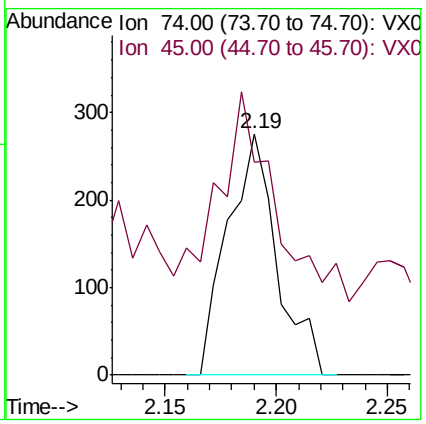


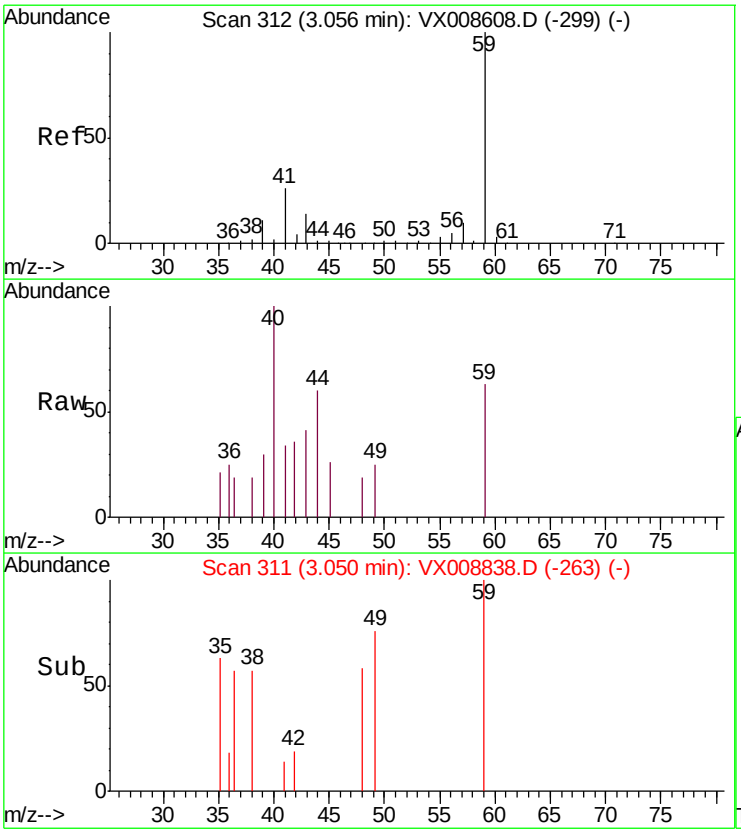
#8
Diethyl Ether
Concen: 0.269 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX008838.D
Acq: 11 Apr 2019 05:01

Instrument :
MSVOA_X
ClientSampleId :
TP-12-S

Tgt Ion: 74 Resp: 424

Ion	Ratio	Lower	Upper
74	100		
45	99.3	56.5	169.5

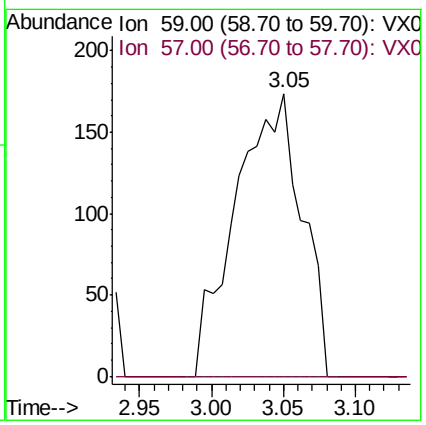


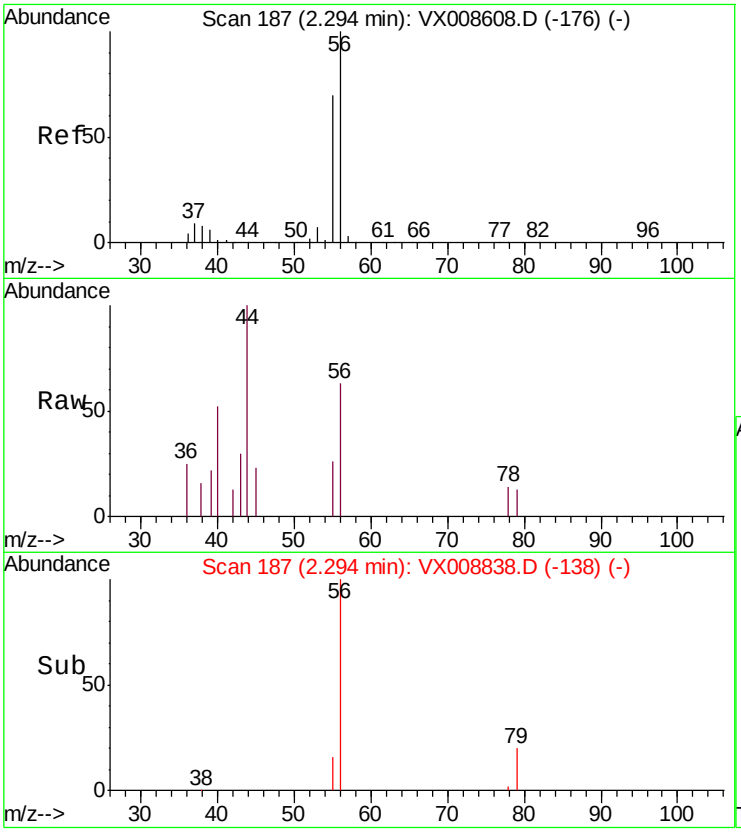


#11
Tert butyl alcohol
Concen: 0.838 ug/l
RT: 3.05 min Scan# 311
Delta R.T. -0.01 min
Lab File: VX008838.D
Acq: 11 Apr 2019 05:01

Tgt Ion: 59 Resp: 554

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.3	12.5#



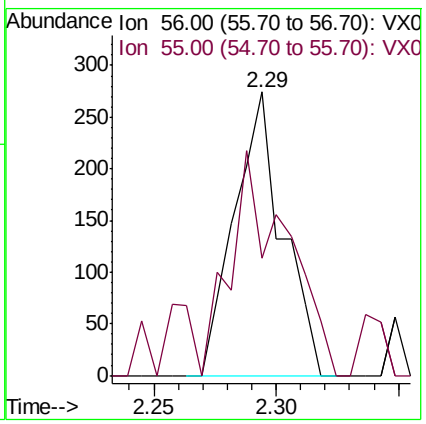


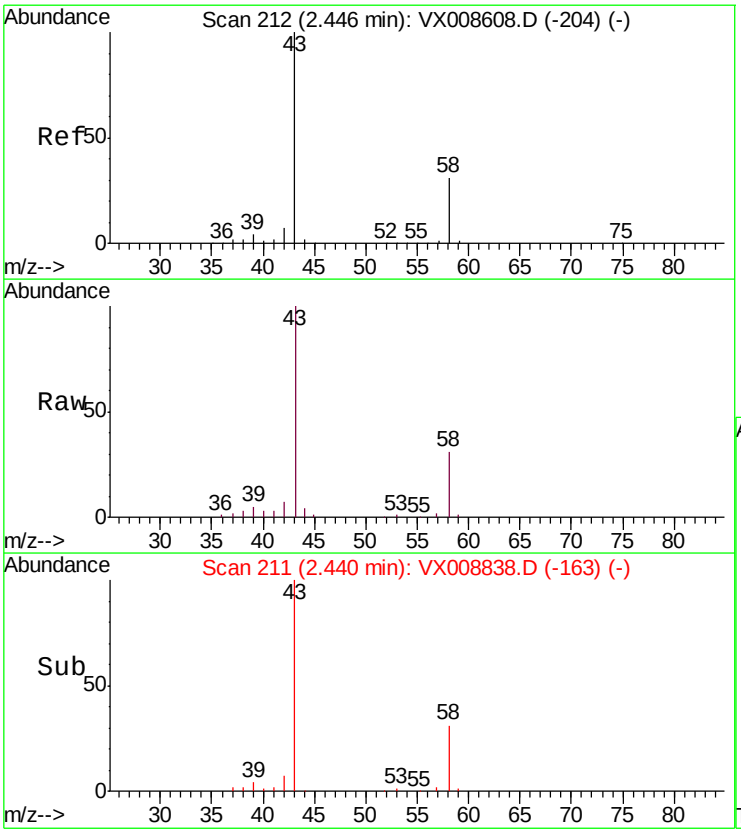
#13
Acrolein
Concen: 1.154 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX008838.D
Acq: 11 Apr 2019 05:01

Instrument : MSVOA_X
ClientSampleId : TP-12-S

Tgt Ion: 56 Resp: 378

Ion	Ratio	Lower	Upper
56	100		
55	92.3	58.0	87.0#

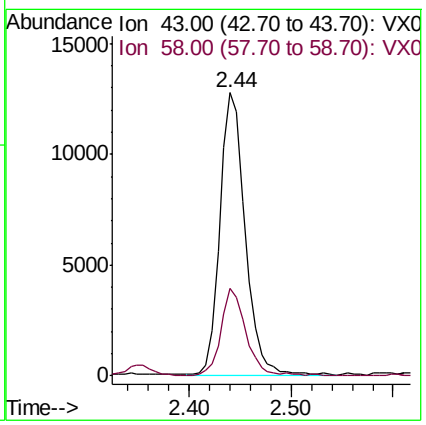


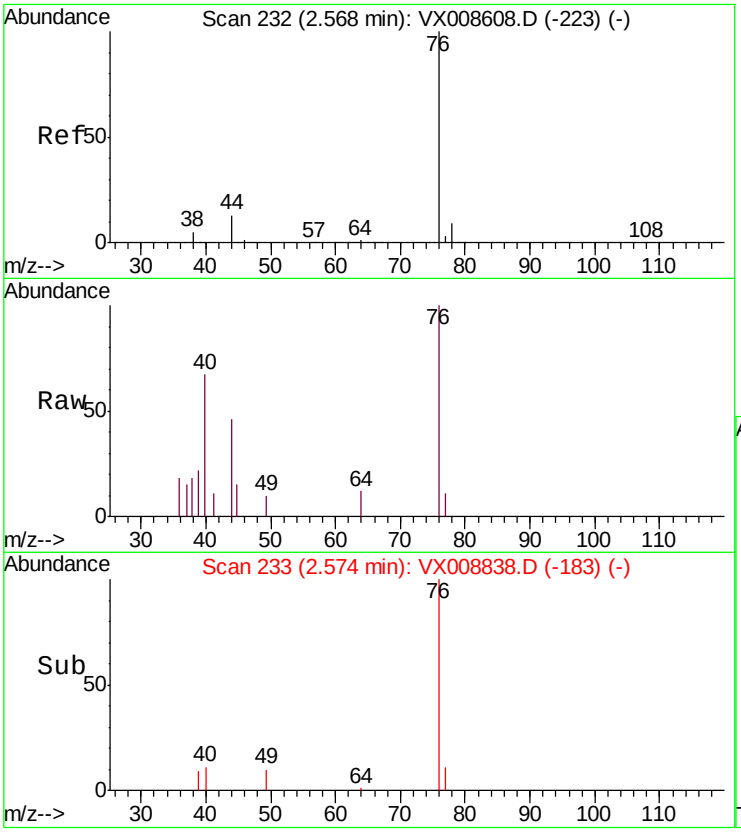


#16
Acetone
Concen: 13.709 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX008838.D
Acq: 11 Apr 2019 05:01

Tgt Ion: 43 Resp: 22286

Ion	Ratio	Lower	Upper
43	100		
58	31.1	24.8	37.2



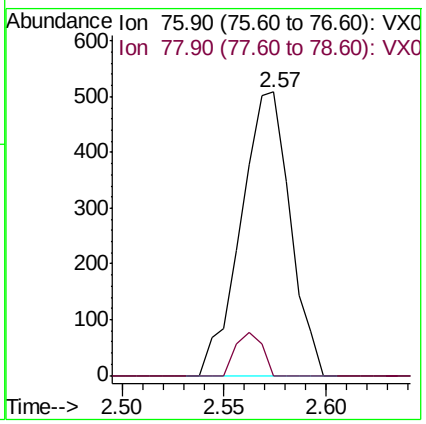


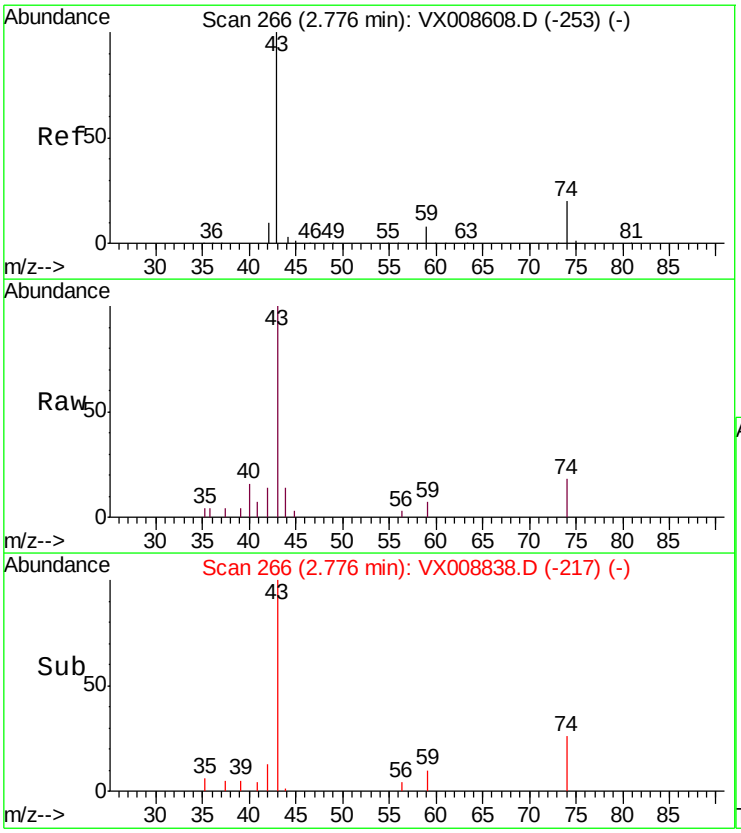
#17
Carbon Disulfide
Concen: Below Cal
RT: 2.57 min Scan# 233
Delta R.T. 0.01 min
Lab File: VX008838.D
Acq: 11 Apr 2019 05:01

Instrument :
MSVOA_X
ClientSampleId :
TP-12-S

Tgt Ion: 76 Resp: 854

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.1	10.7#

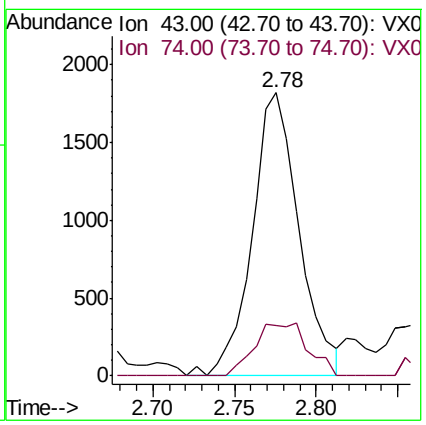


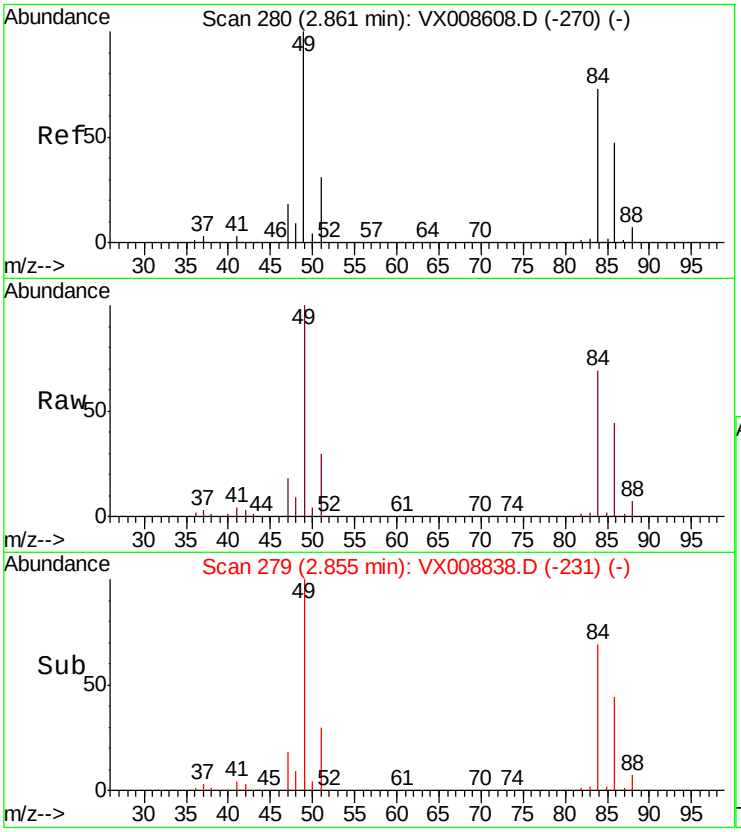


#18
Methyl Acetate
Concen: 0.921 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX008838.D
Acq: 11 Apr 2019 05:01

Tgt Ion: 43 Resp: 3633

Ion	Ratio	Lower	Upper
43	100		
74	21.2	16.5	24.7



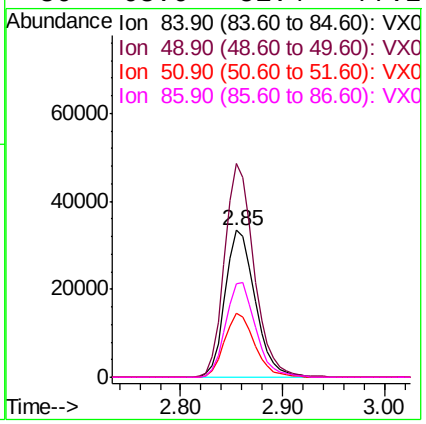


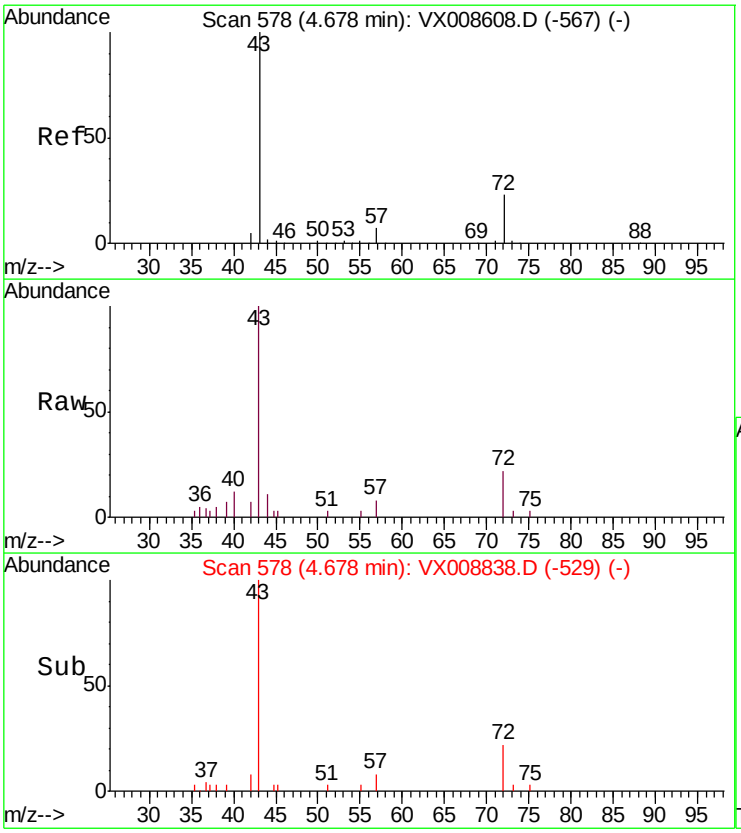
#20
Methylene Chloride
Concen: 25.033 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX008838.D
Acq: 11 Apr 2019 05:01

Instrument :
MSVOA_X
ClientSampleId :
TP-12-S

Tgt Ion: 84 Resp: 68118

Ion	Ratio	Lower	Upper
84	100		
49	145.5	109.7	164.5
51	43.6	33.6	50.4
86	63.6	51.4	77.2

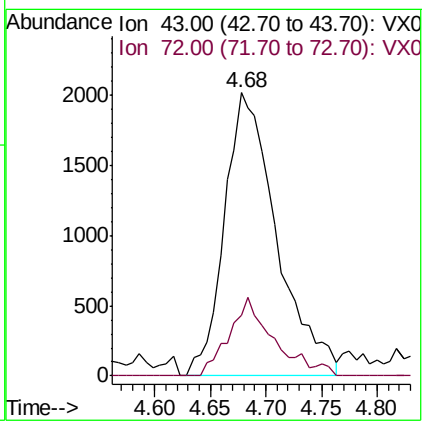


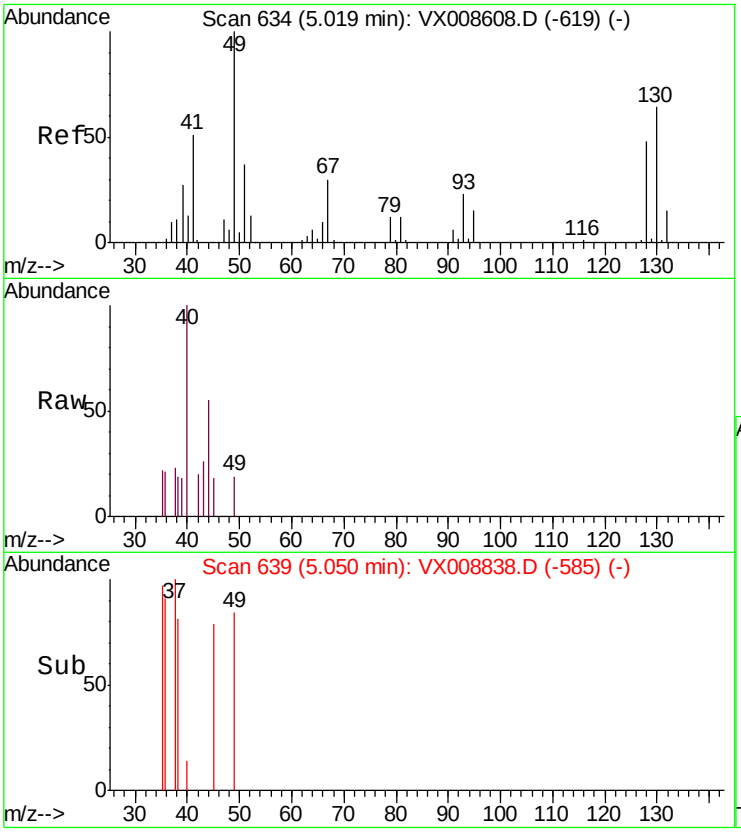


#25
2-Butanone
Concen: 2.570 ug/l
RT: 4.68 min Scan# 578
Delta R.T. -0.00 min
Lab File: VX008838.D
Acq: 11 Apr 2019 05:01

Tgt Ion: 43 Resp: 6604

Ion	Ratio	Lower	Upper
43	100		
72	21.6	18.2	27.4



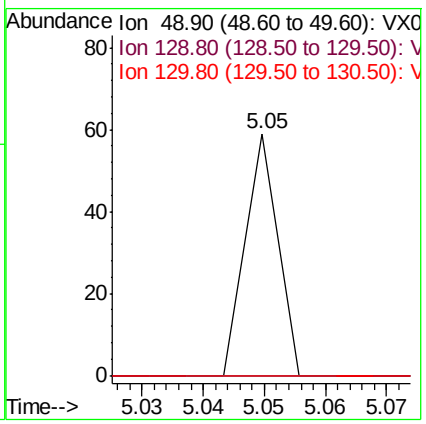


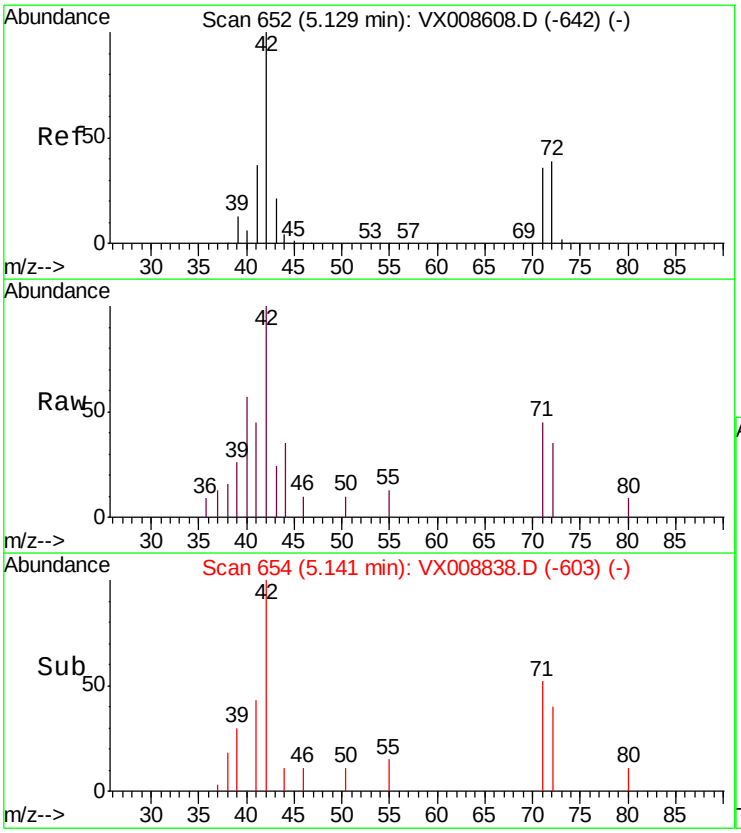
#28
Bromochloromethane
Concen: Below Cal
RT: 5.05 min Scan# 639
Delta R.T. 0.03 min
Lab File: VX008838.D
Acq: 11 Apr 2019 05:01

Instrument : MSVOA_X
ClientSampleId : TP-12-S

Tgt Ion: 49 Resp: 22

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.6
130	0.0	49.3	73.9#

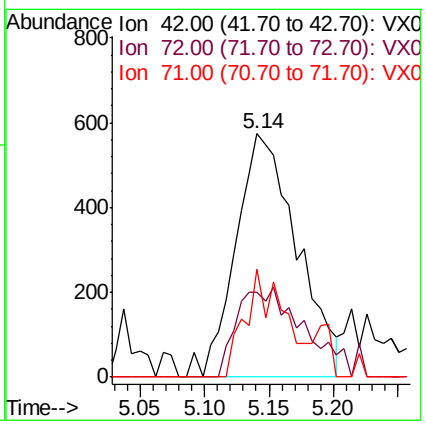


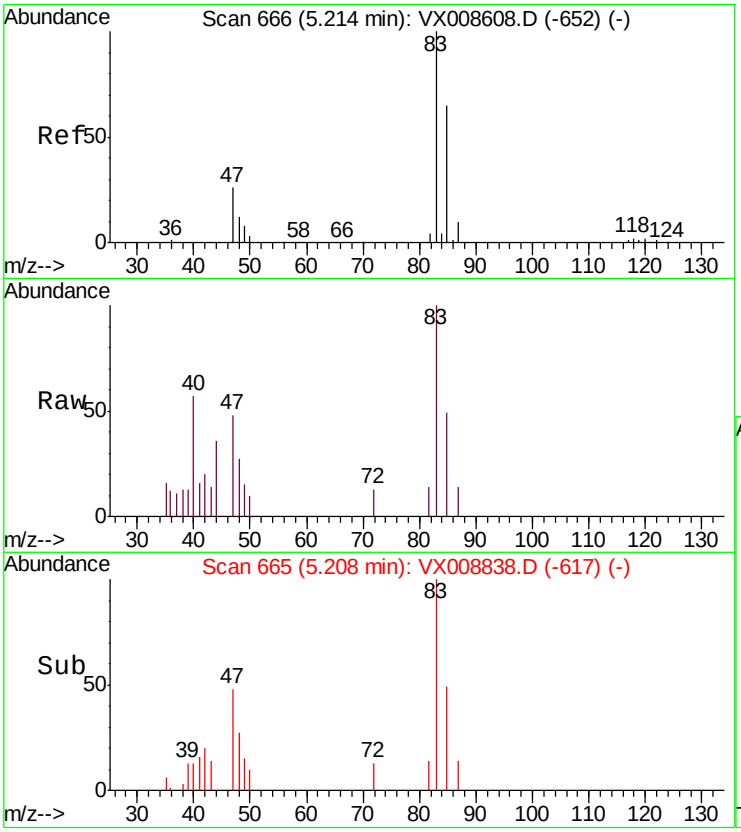


#29
Tetrahydrofuran
Concen: 1.117 ug/l
RT: 5.14 min Scan# 654
Delta R.T. 0.01 min
Lab File: VX008838.D
Acq: 11 Apr 2019 05:01

Tgt Ion: 42 Resp: 1904

Ion	Ratio	Lower	Upper
42	100		
72	39.9	30.5	45.7
71	27.8	28.6	43.0#



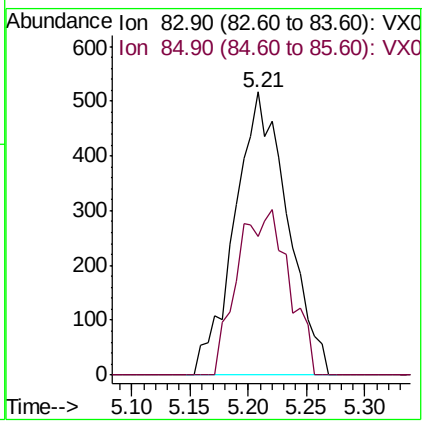


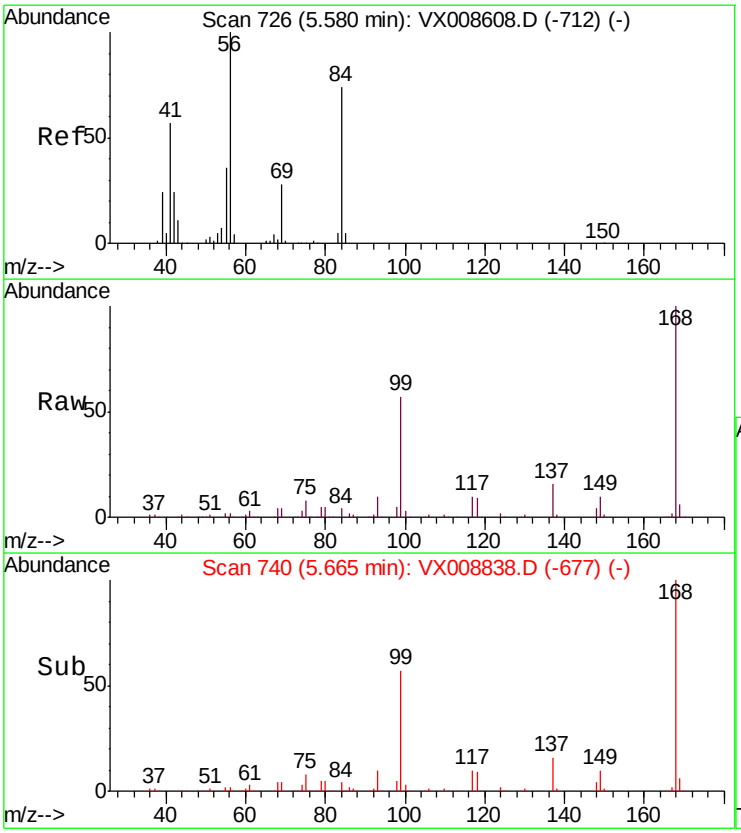
#30
Chloroform
Concen: 0.373 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX008838.D
Acq: 11 Apr 2019 05:01

Instrument :
MSVOA_X
ClientSampleId :
TP-12-S

Tgt Ion: 83 Resp: 1630

Ion	Ratio	Lower	Upper
83	100		
85	48.7	52.1	78.1#

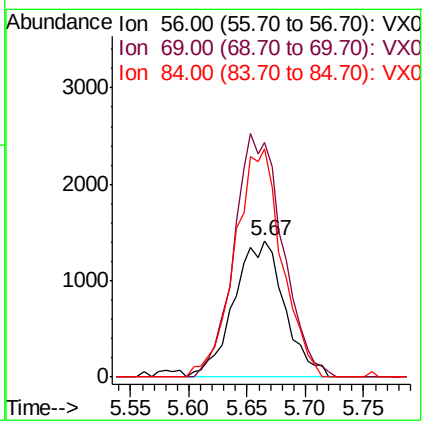


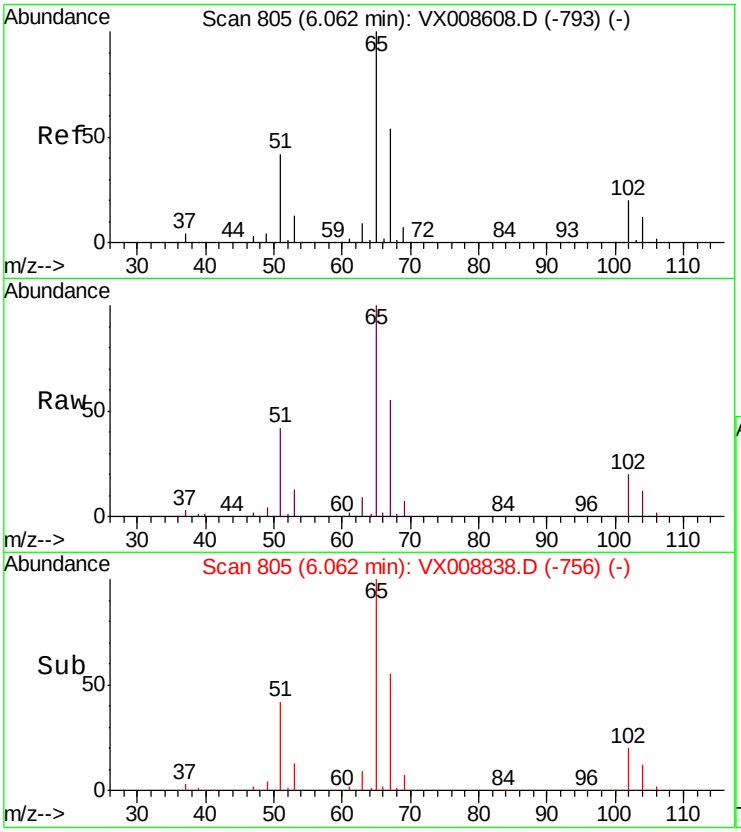


#31
Cyclohexane
Concen: 0.874 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX008838.D
Acq: 11 Apr 2019 05:01

Tgt Ion: 56 Resp: 4260

Ion	Ratio	Lower	Upper
56	100		
69	172.1	22.6	33.8#
84	167.1	59.3	88.9#



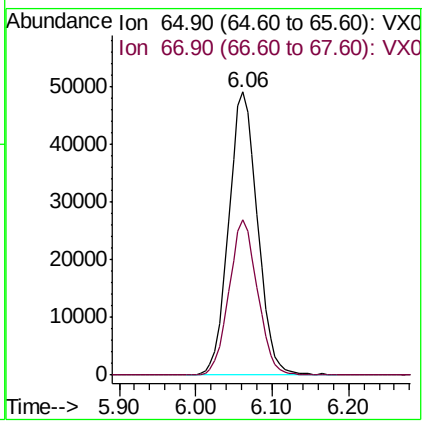


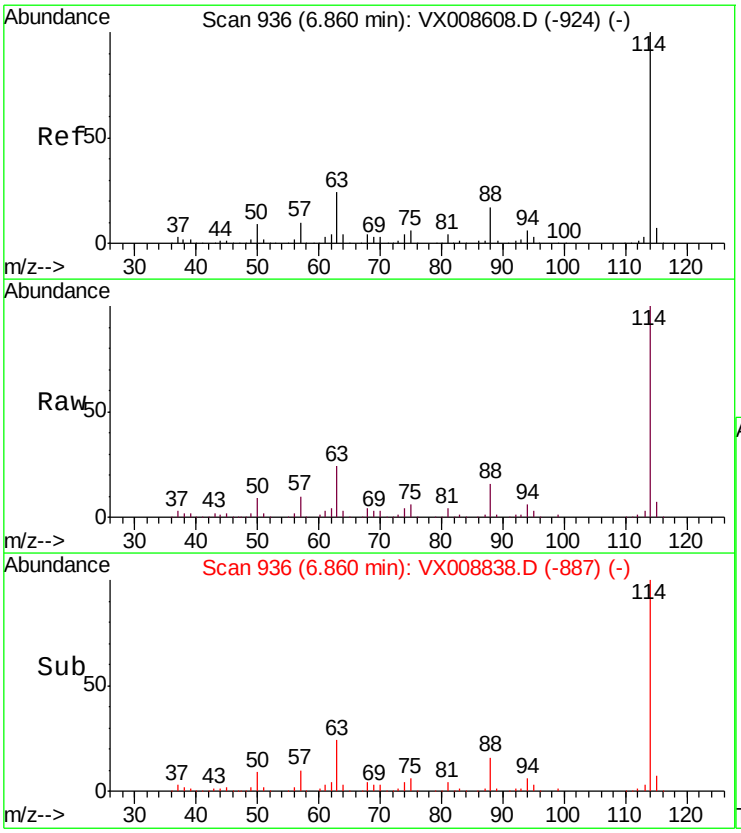
#33
1,2-Dichloroethane-d4
Concen: 45.213 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX008838.D
Acq: 11 Apr 2019 05:01

Instrument :
MSVOA_X
ClientSampleId :
TP-12-S

Tgt Ion: 65 Resp: 127608

Ion	Ratio	Lower	Upper
65	100		
67	54.4	0.0	107.2

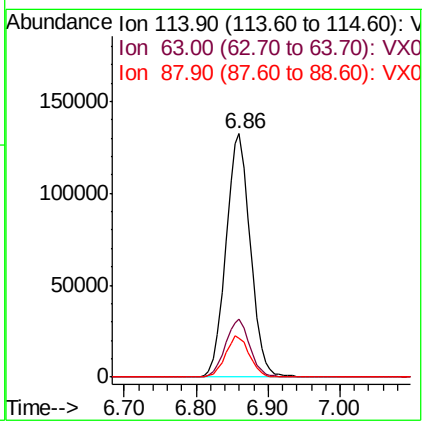


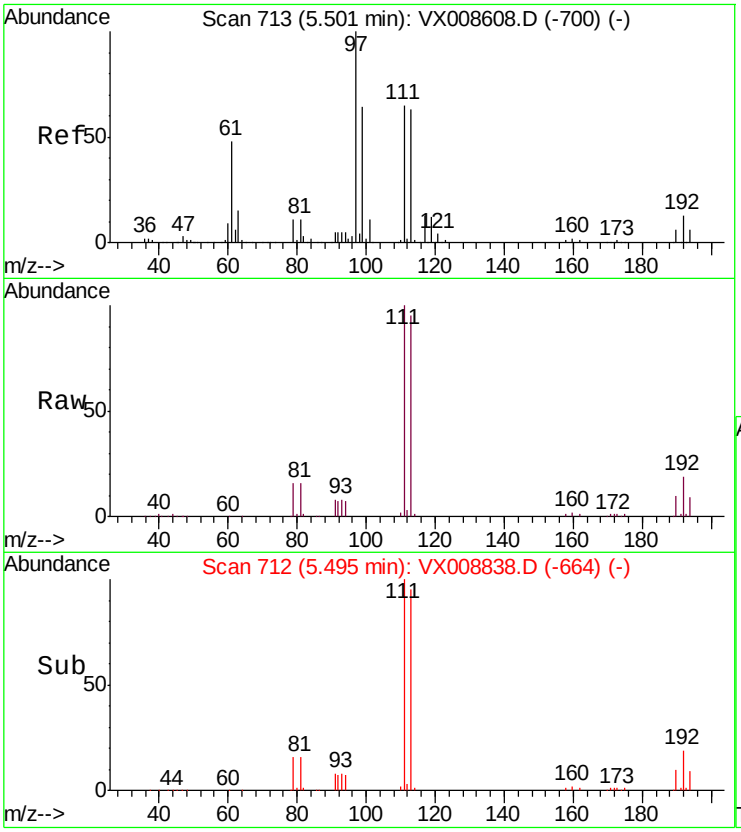


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX008838.D
Acq: 11 Apr 2019 05:01

Tgt Ion:114 Resp: 310911

Ion	Ratio	Lower	Upper
114	100		
63	23.7	0.0	47.2
88	16.1	0.0	34.0



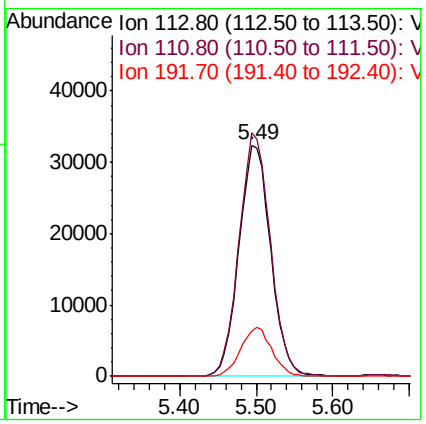


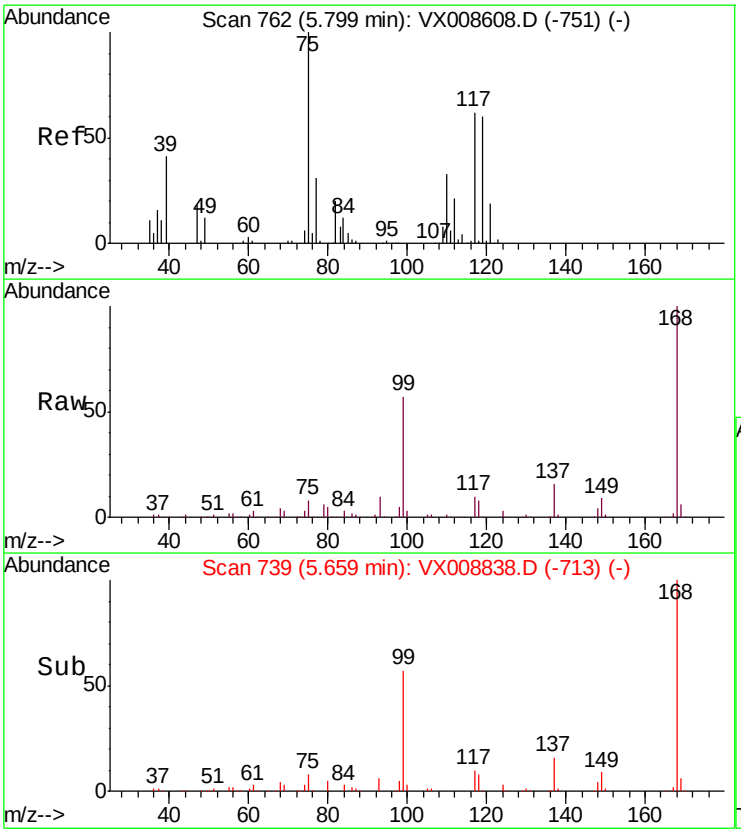
#35
Dibromofluoromethane
Concen: 46.929 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX008838.D
Acq: 11 Apr 2019 05:01

Instrument :
MSVOA_X
ClientSampleId :
TP-12-S

Tgt Ion:113 Resp: 93288

Ion	Ratio	Lower	Upper
113	100		
111	104.2	83.4	125.2
192	20.7	16.1	24.1

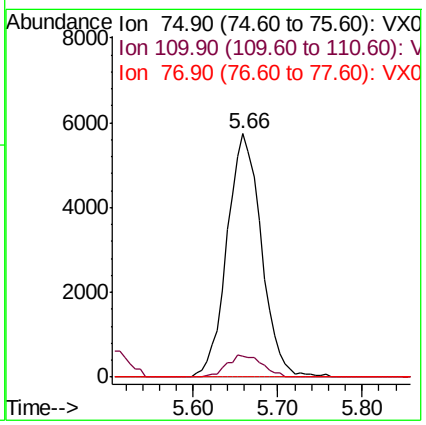


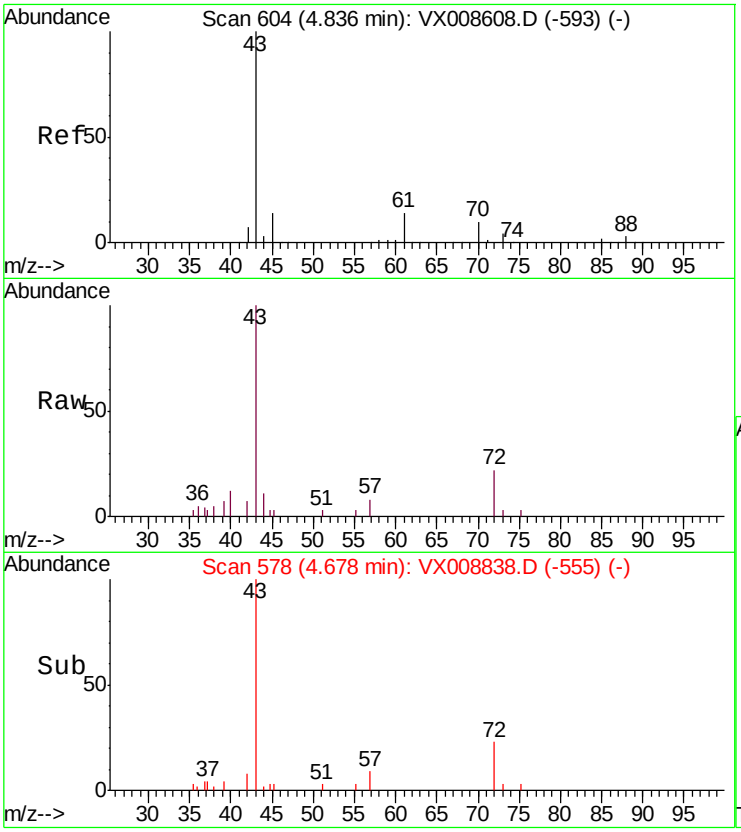


#36
1,1-Dichloropropene
Concen: 4.673 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX008838.D
Acq: 11 Apr 2019 05:01

Tgt Ion: 75 Resp: 15882

Ion	Ratio	Lower	Upper
75	100		
110	9.3	16.4	49.2#
77	0.0	24.7	37.1#



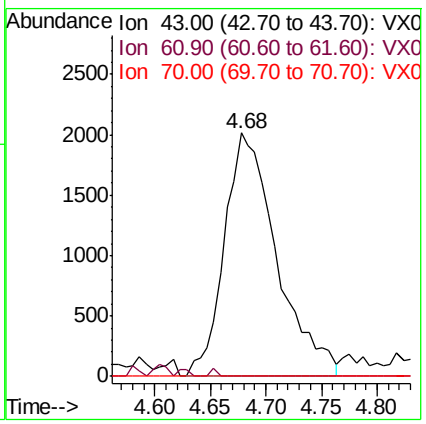


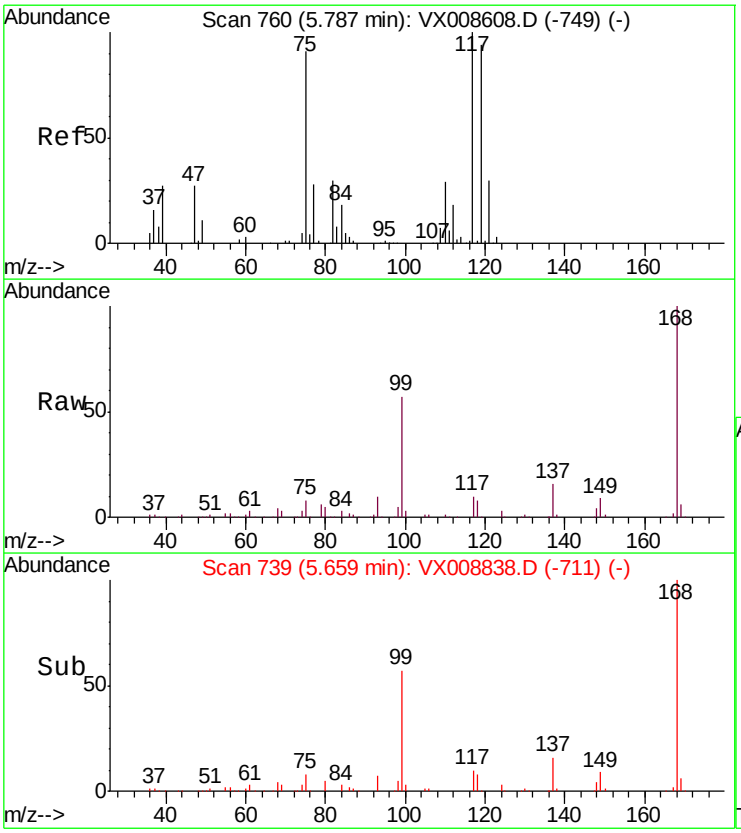
#37
Ethyl Acetate
Concen: 1.456 ug/l
RT: 4.68 min Scan# 578
Delta R.T. -0.16 min
Lab File: VX008838.D
Acq: 11 Apr 2019 05:01

Instrument : MSVOA_X
ClientSampleId : TP-12-S

Tgt Ion: 43 Resp: 6604

Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.3	15.5#
70	0.0	7.6	11.4#

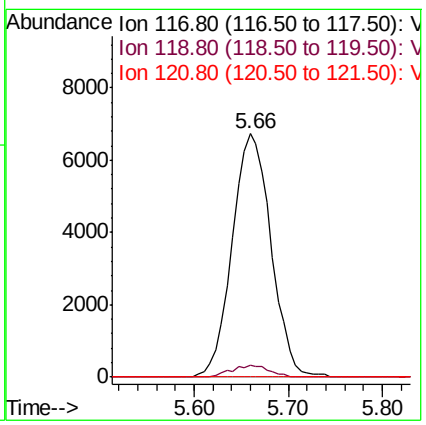


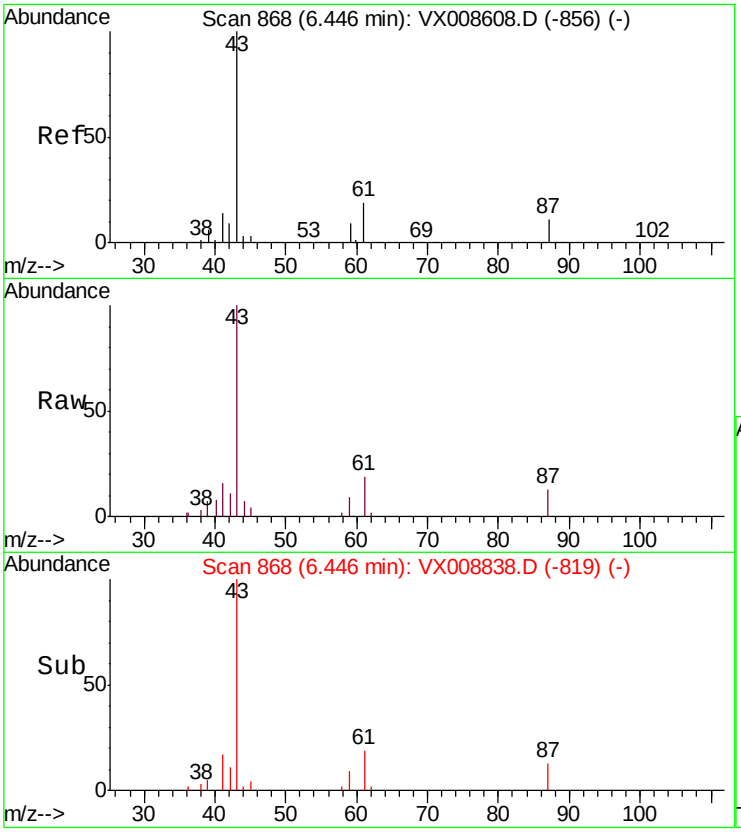


#38
Carbon Tetrachloride
Concen: 6.890 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.13 min
Lab File: VX008838.D
Acq: 11 Apr 2019 05:01

Tgt Ion:117 Resp: 19382

Ion	Ratio	Lower	Upper
117	100		
119	4.8	75.0	112.6#
121	0.0	24.3	36.5#



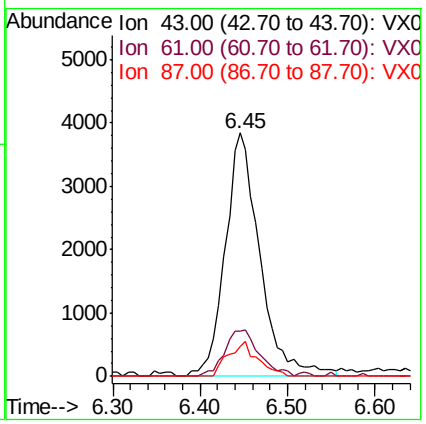


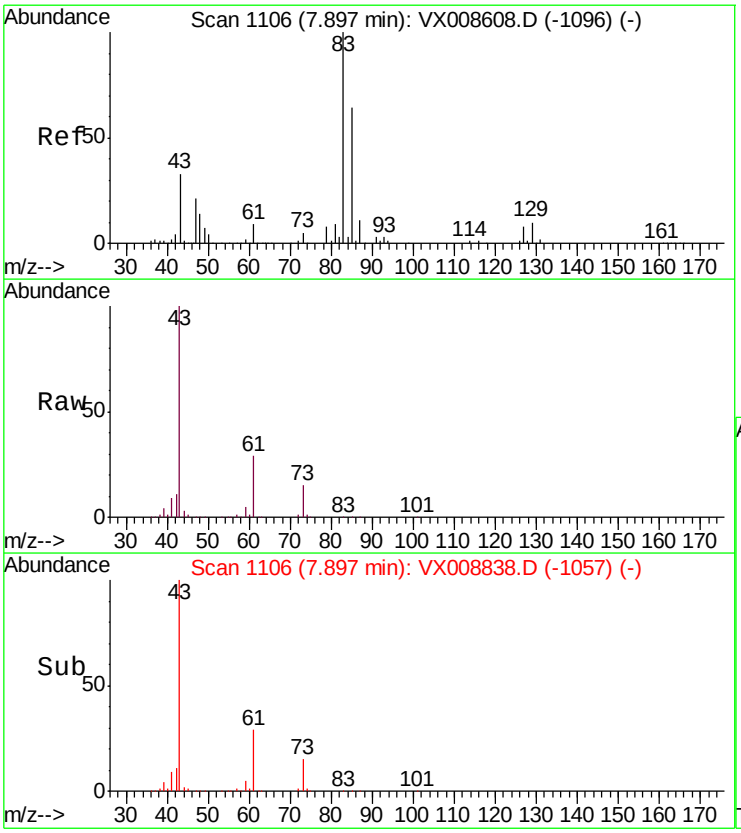
#43
Isopropyl Acetate
Concen: 1.489 ug/l
RT: 6.45 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX008838.D
Acq: 11 Apr 2019 05:01

Instrument : MSVOA_X
ClientSampleId : TP-12-S

Tgt Ion: 43 Resp: 10580

Ion	Ratio	Lower	Upper
43	100		
61	19.2	15.3	22.9
87	12.1	9.0	13.6

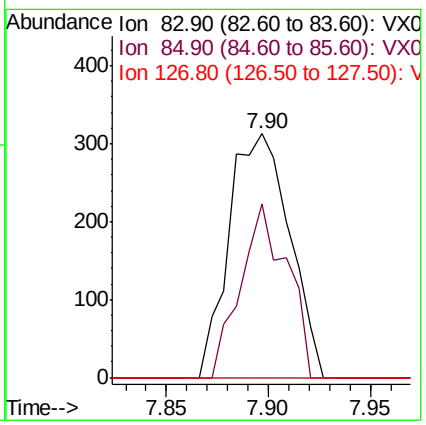


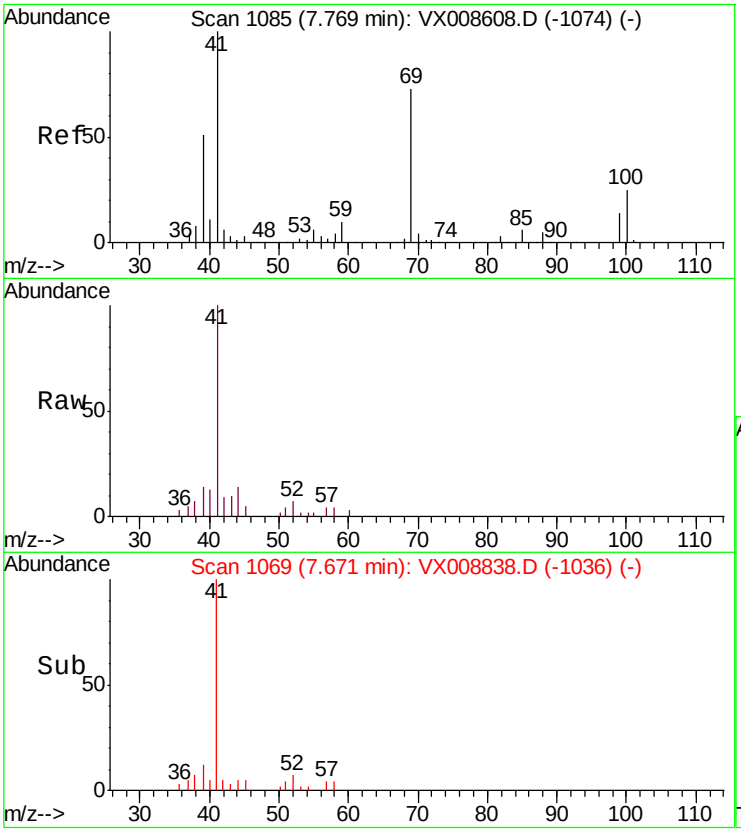


#47
Bromodichloromethane
Concen: 0.204 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VX008838.D
Acq: 11 Apr 2019 05:01

Tgt Ion: 83 Resp: 644

Ion	Ratio	Lower	Upper
83	100		
85	70.9	51.2	76.8
127	0.0	6.6	10.0#



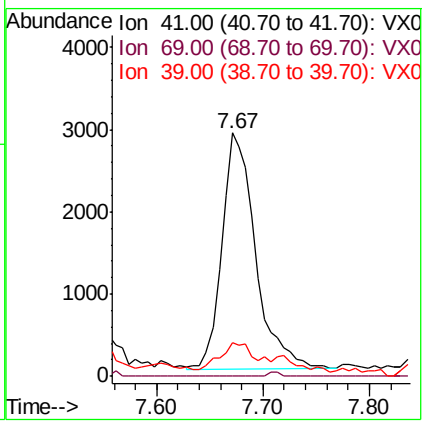


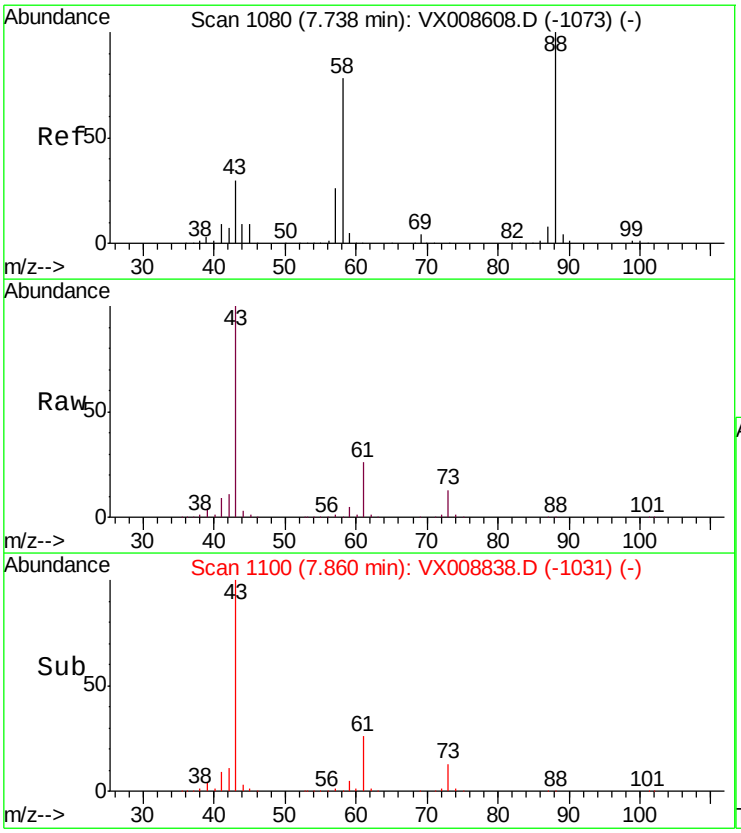
#48
Methyl methacrylate
Concen: 1.766 ug/l
RT: 7.67 min Scan# 1069
Delta R.T. -0.10 min
Lab File: VX008838.D
Acq: 11 Apr 2019 05:01

Instrument :
MSVOA_X
ClientSampleId :
TP-12-S

Tgt Ion: 41 Resp: 6348

Ion	Ratio	Lower	Upper
41	100		
69	0.0	59.0	88.4#
39	0.0	41.0	61.4#

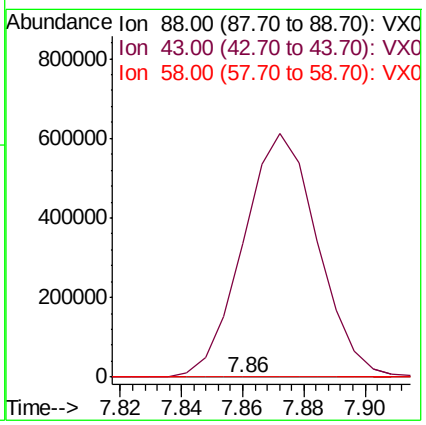


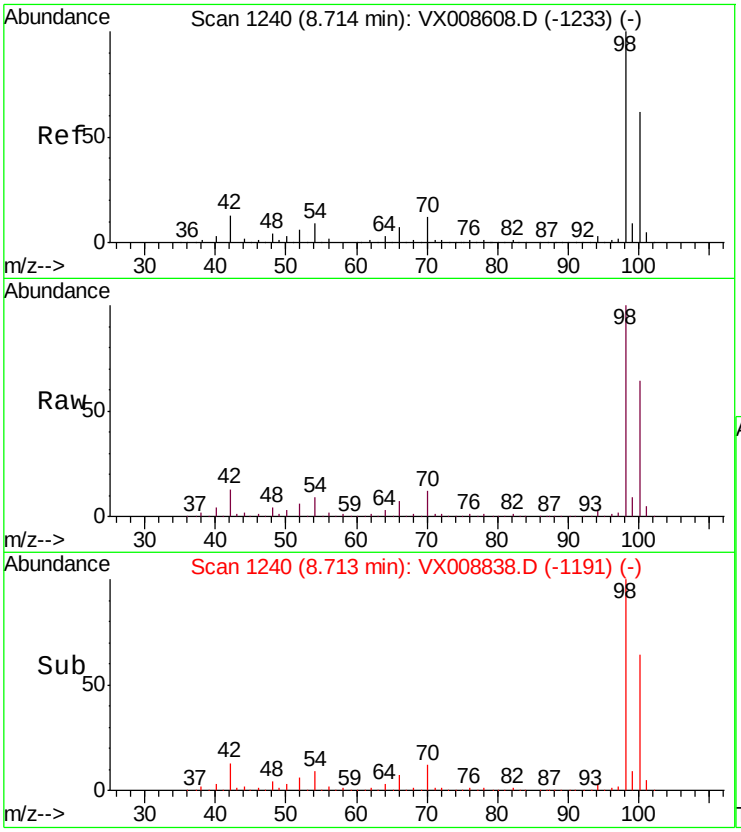


#49
1,4-Dioxane
Concen: 1.990 ug/l
RT: 7.86 min Scan# 1100
Delta R.T. 0.12 min
Lab File: VX008838.D
Acq: 11 Apr 2019 05:01

Tgt Ion: 88 Resp: 134

Ion	Ratio	Lower	Upper
88	100		
43	779693.3	28.6	43.0#
58	3206.0	62.2	93.2#



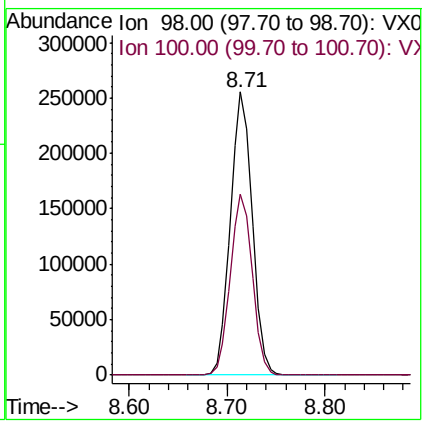


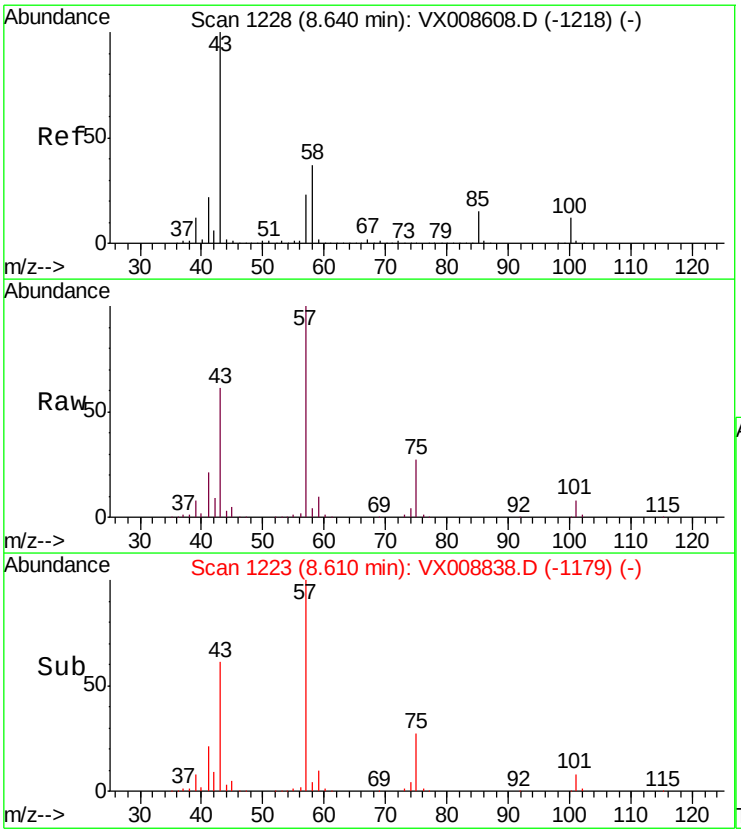
#50
Toluene-d8
Concen: 50.086 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008838.D
Acq: 11 Apr 2019 05:01

Instrument :
MSVOA_X
ClientSampleId :
TP-12-S

Tgt Ion: 98 Resp: 396431

Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.4	77.0

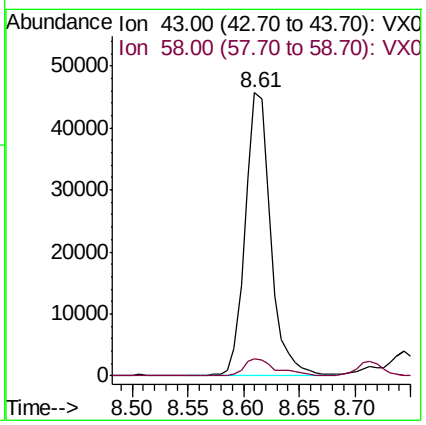


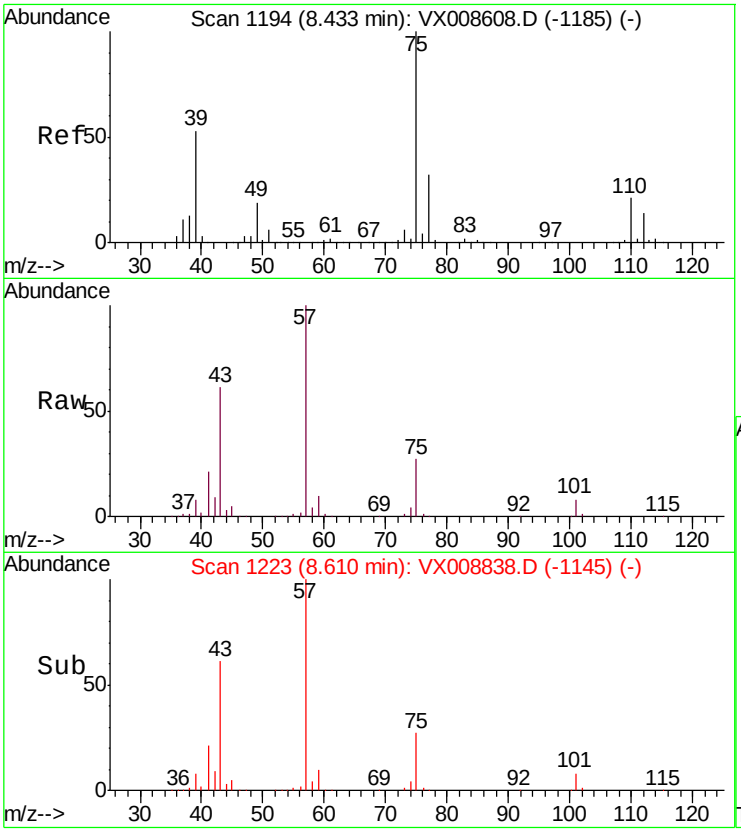


#51
4-Methyl-2-Pentanone
Concen: 15.840 ug/l
RT: 8.61 min Scan# 1223
Delta R.T. -0.03 min
Lab File: VX008838.D
Acq: 11 Apr 2019 05:01

Tgt Ion: 43 Resp: 72461

Ion	Ratio	Lower	Upper
43	100		
58	7.8	29.5	44.3#



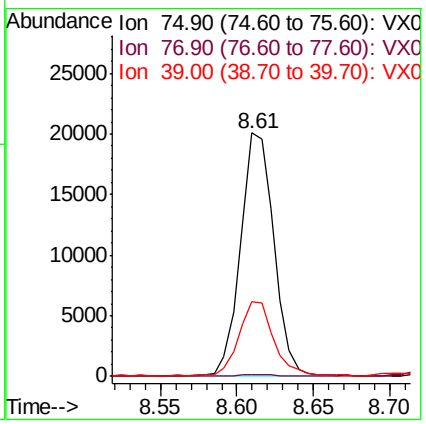


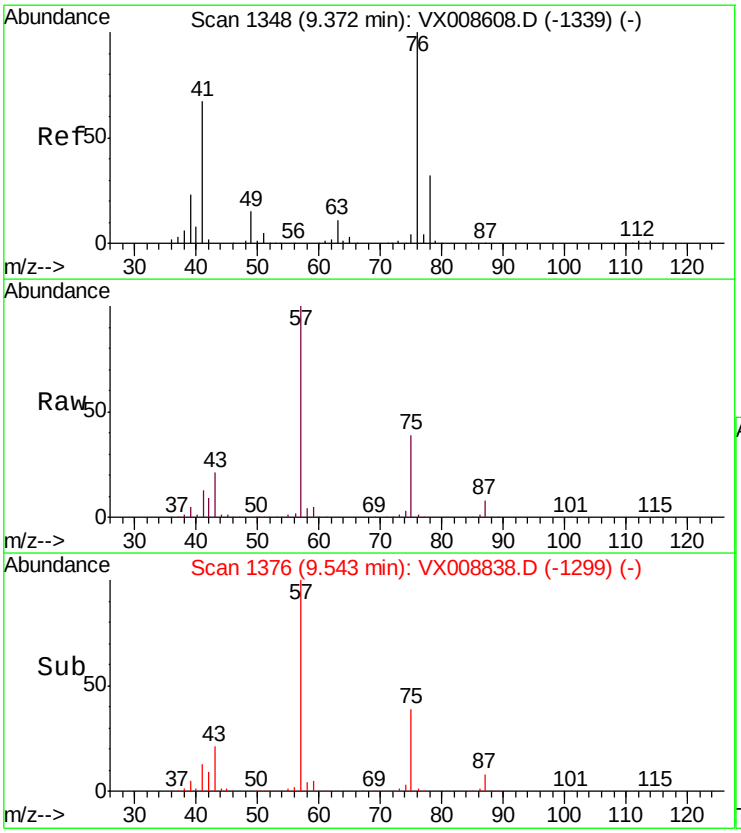
#54
cis-1,3-Dichloropropene
Concen: 7.524 ug/l
RT: 8.61 min Scan# 1223
Delta R.T. 0.18 min
Lab File: VX008838.D
Acq: 11 Apr 2019 05:01

Instrument :
MSVOA_X
ClientSampleId :
TP-12-S

Tgt Ion: 75 Resp: 30434

Ion	Ratio	Lower	Upper
75	100		
77	0.7	25.3	37.9#
39	30.8	42.6	63.8#

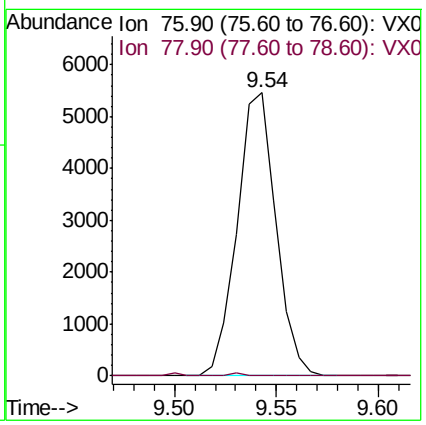


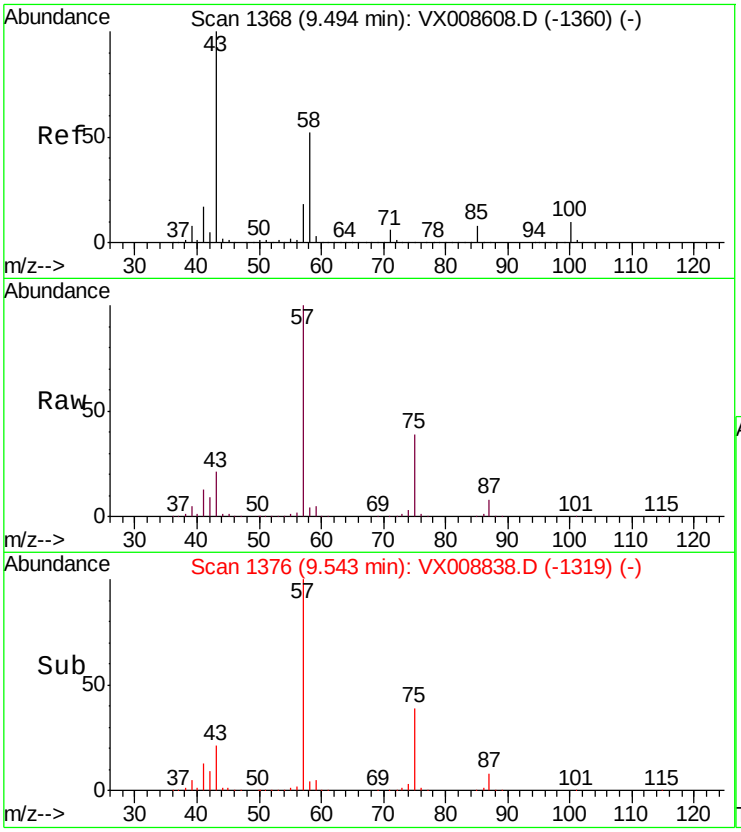


#57
1,3-Dichloropropane
Concen: 1.678 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.17 min
Lab File: VX008838.D
Acq: 11 Apr 2019 05:01

Tgt Ion: 76 Resp: 7221

Ion	Ratio	Lower	Upper
76	100		
78	0.3	25.6	38.4#



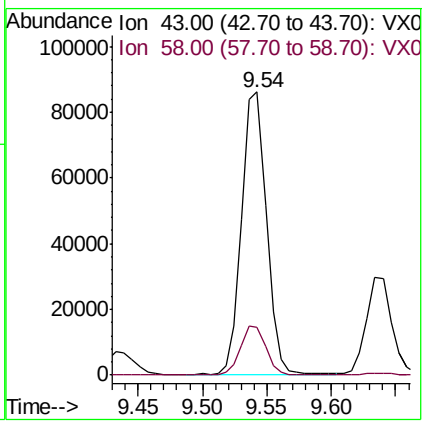


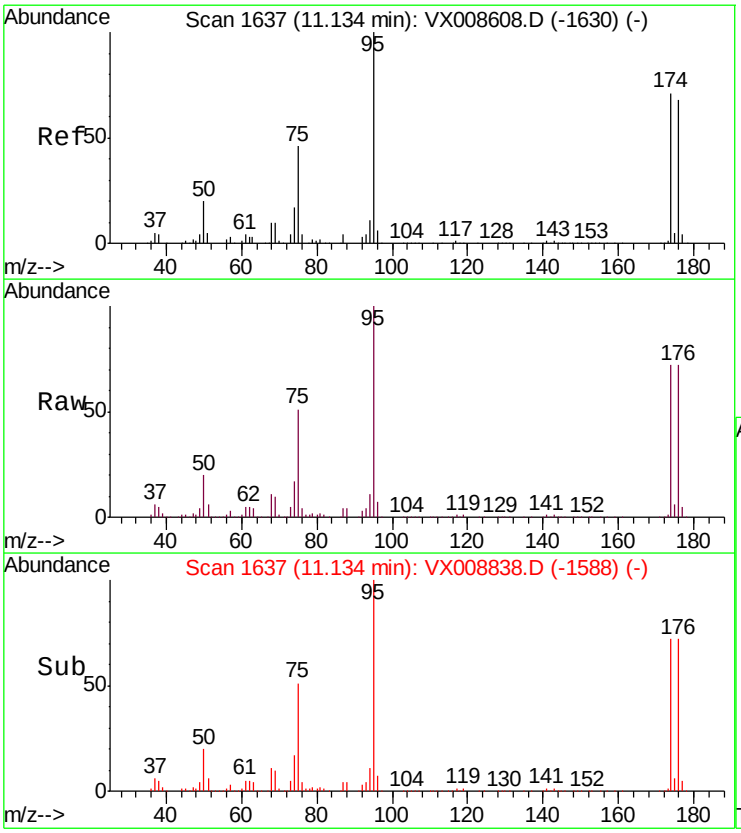
#59
2-Hexanone
Concen: 32.389 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.05 min
Lab File: VX008838.D
Acq: 11 Apr 2019 05:01

Instrument :
MSVOA_X
ClientSampleId :
TP-12-S

Tgt Ion: 43 Resp: 115145

Ion	Ratio	Lower	Upper
43	100		
58	17.6	25.9	77.7#

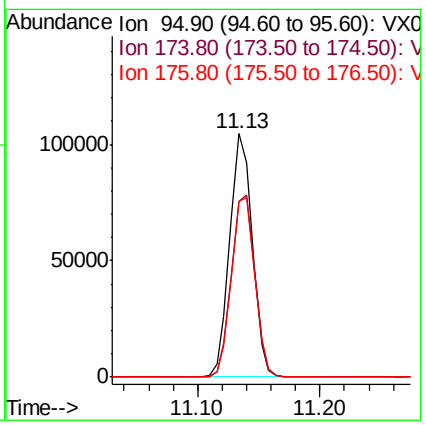


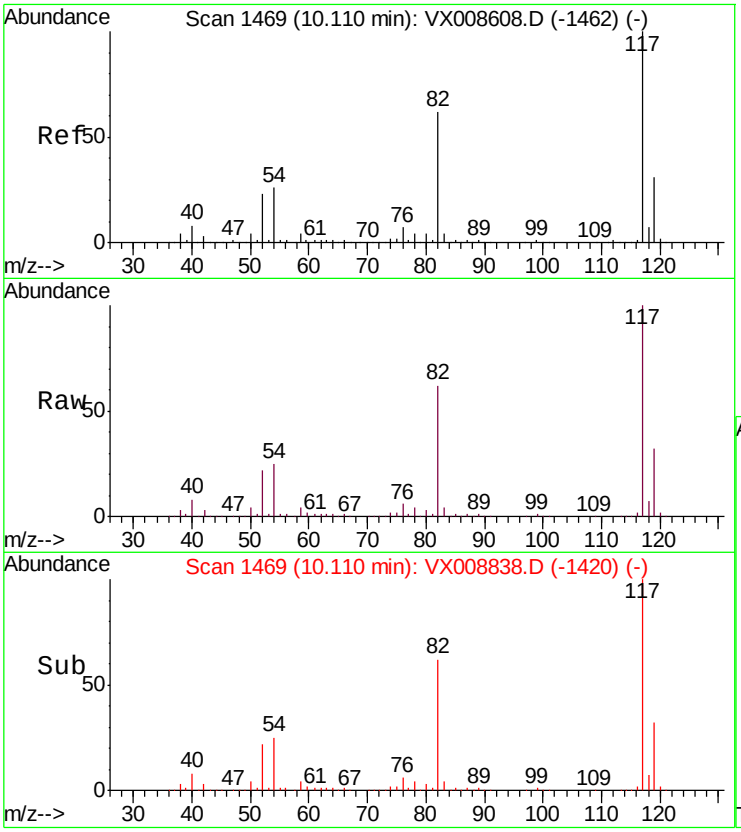


#62
4-Bromofluorobenzene
Concen: 47.408 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008838.D
Acq: 11 Apr 2019 05:01

Tgt Ion: 95 Resp: 133065

Ion	Ratio	Lower	Upper
95	100		
174	77.9	0.0	151.8
176	76.6	0.0	145.8



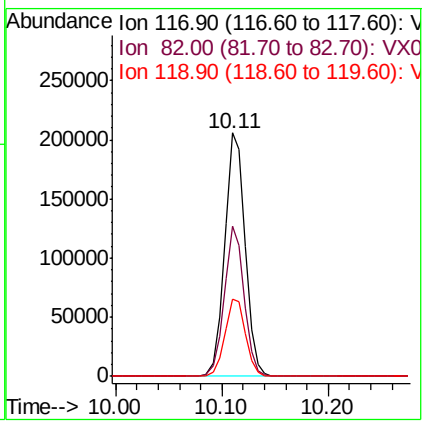


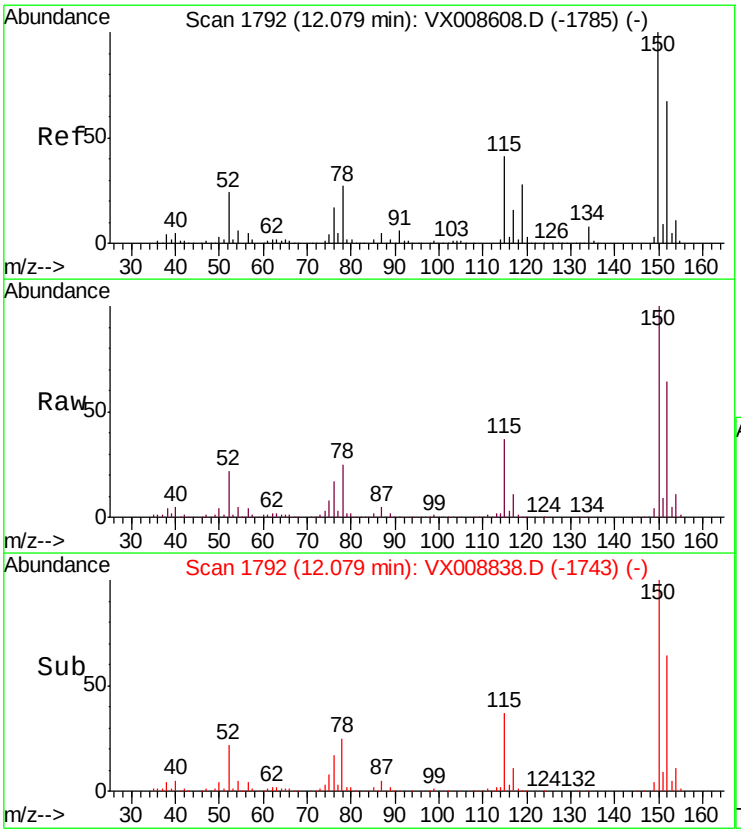
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008838.D
Acq: 11 Apr 2019 05:01

Instrument :
MSVOA_X
ClientSampleId :
TP-12-S

Tgt Ion:117 Resp: 275492

Ion	Ratio	Lower	Upper
117	100		
82	61.7	49.6	74.4
119	31.6	25.0	37.4

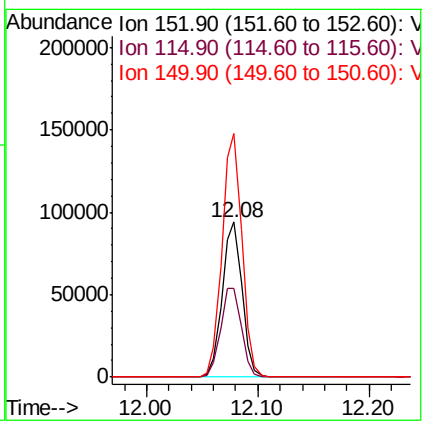


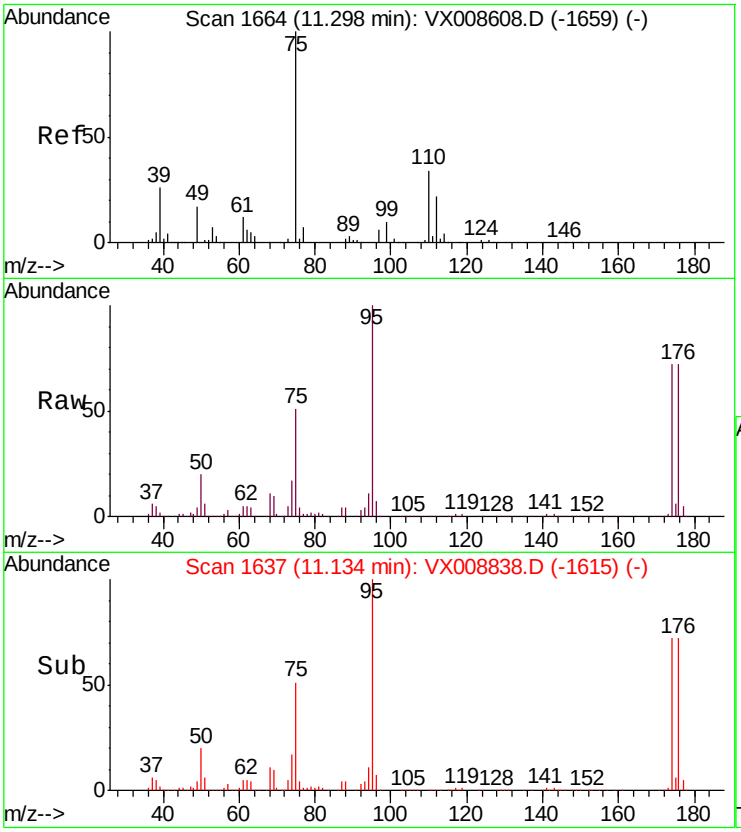


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008838.D
Acq: 11 Apr 2019 05:01

Tgt Ion:152 Resp: 115057

Ion	Ratio	Lower	Upper
152	100		
115	60.6	43.5	130.5
150	158.3	0.0	348.8



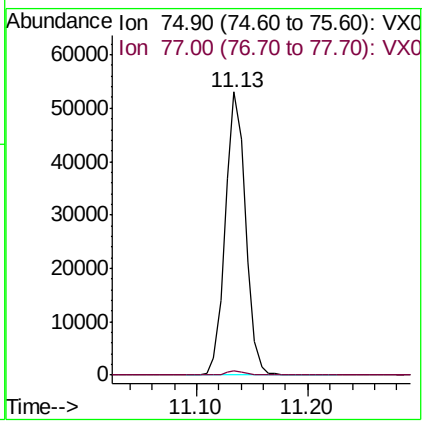


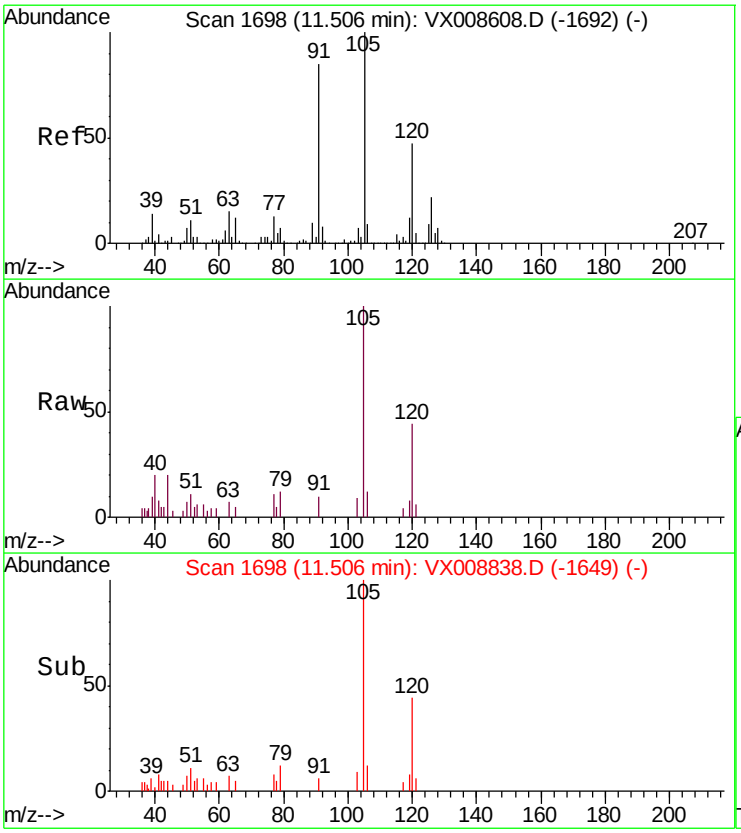
#76
1,2,3-Trichloropropane
Concen: 21.098 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX008838.D
Acq: 11 Apr 2019 05:01

Instrument : MSVOA_X
ClientSampleId : TP-12-S

Tgt Ion: 75 Resp: 66685

Ion	Ratio	Lower	Upper
75	100		
77	1.4	22.3	66.8#

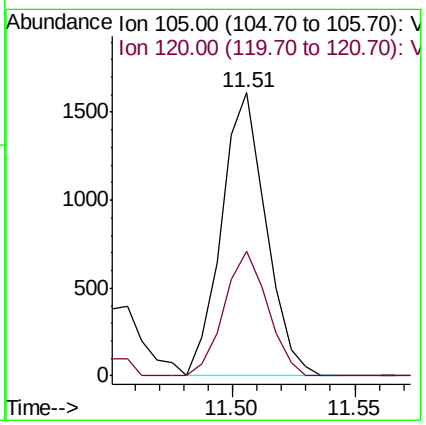


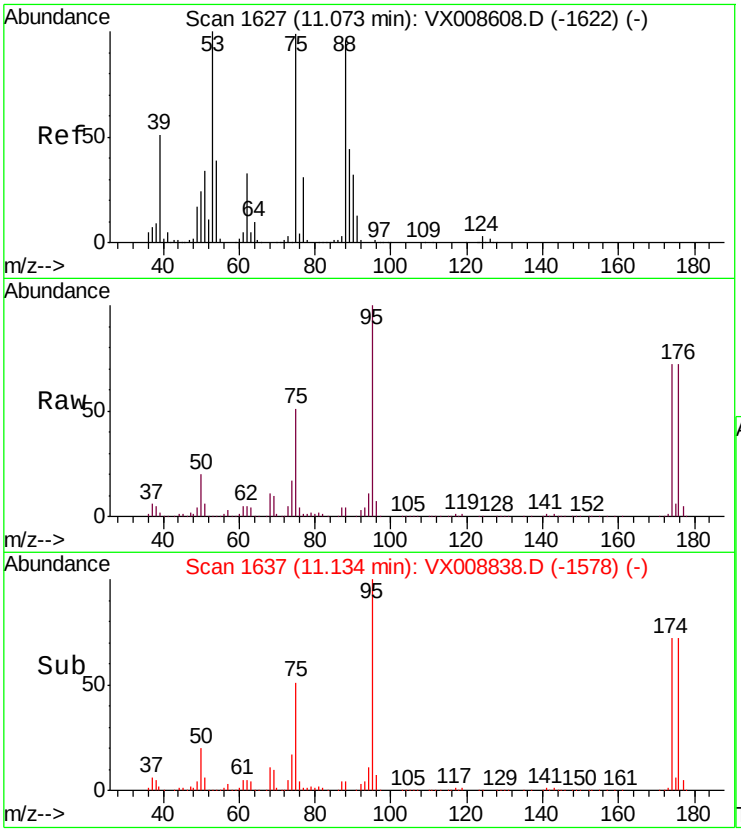


#80
1,3,5-Trimethylbenzene
Concen: 0.255 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX008838.D
Acq: 11 Apr 2019 05:01

Tgt Ion:105 Resp: 2040

Ion	Ratio	Lower	Upper
105	100		
120	43.0	23.5	70.6



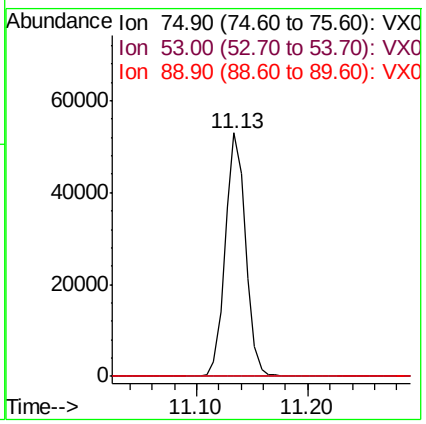


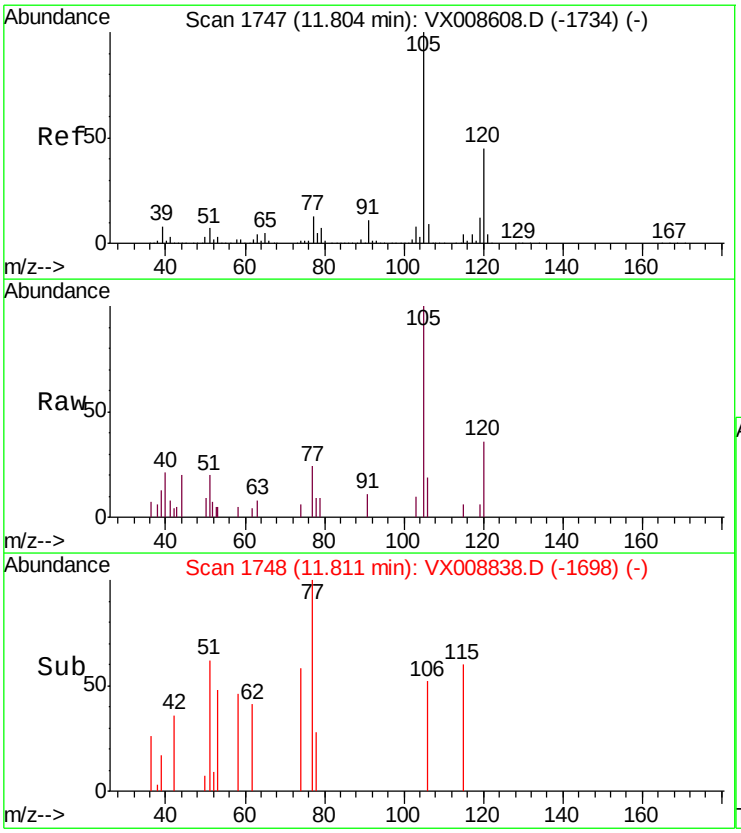
#81
trans-1,4-Dichloro-2-butene
Concen: 58.158 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX008838.D
Acq: 11 Apr 2019 05:01

Instrument :
MSVOA_X
ClientSampleId :
TP-12-S

Tgt Ion: 75 Resp: 66685

Ion	Ratio	Lower	Upper
75	100		
53	0.1	81.3	121.9#
89	0.0	35.6	53.4#

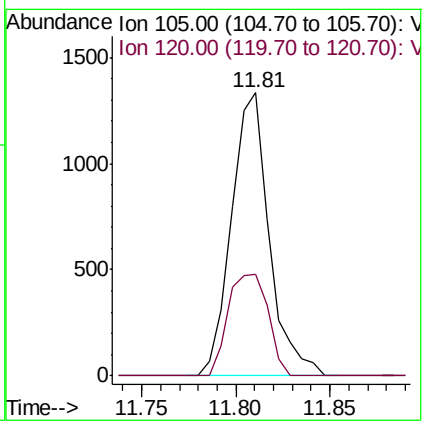


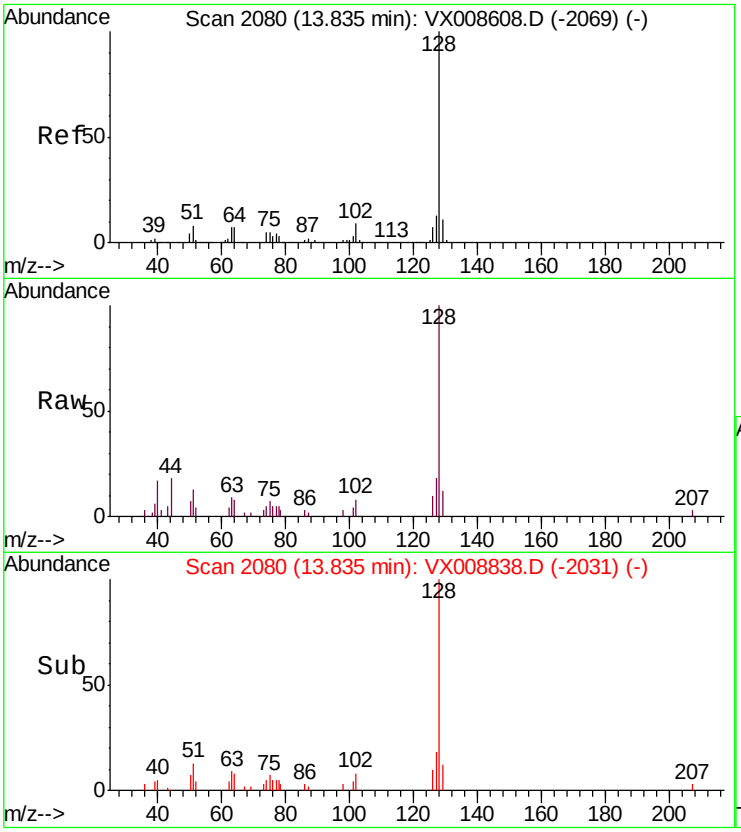


#84
1,2,4-Trimethylbenzene
Concen: 0.228 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. 0.01 min
Lab File: VX008838.D
Acq: 11 Apr 2019 05:01

Tgt Ion:105 Resp: 1850

Ion	Ratio	Lower	Upper
105	100		
120	38.1	21.8	65.3





#95
Naphthalene
Concen: 0.318 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008838.D
Acq: 11 Apr 2019 05:01

Instrument :
MSVOA_X
ClientSampleId :
TP-12-S

Tgt Ion:128 Resp: 3014

Ion	Ratio	Lower	Upper
128	100		
127	17.5	10.4	15.6#
129	12.1	8.6	13.0