Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040919\
Data File : VX008778.D
Acq On : 09 Apr 2019 18:09
Operator : JC/SP
Sample : K2311-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Apr 10 06:39:02 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	5.67	168	201716	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	333354	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	287395	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	120128	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	138395	47.04	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.08%			
35) Dibromofluoromethane	5.50	113	101160	47.46	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.92%			
50) Toluene-d8	8.71	98	417669	49.22	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.44%			
62) 4-Bromofluorobenzene	11.13	95	139185	46.25	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.50%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	405	Below Cal		100
5) Bromomethane	1.65	94	233	2.030	ug/l #	62
6) Chloroethane	1.71	64	53	Below Cal	#	43
8) Diethyl Ether	2.18	74	371	0.225	ug/l	99
11) Tert butyl alcohol	3.03	59	8781	12.748	ug/l #	91
13) Acrolein	2.29	56	271	0.793	ug/l #	49
16) Acetone	2.44	43	60502	35.703	ug/l	99
17) Carbon Disulfide	2.57	76	1804	Below Cal	#	90
20) Methylene Chloride	2.85	84	1327	0.468	ug/l #	84
25) 2-Butanone	4.68	43	21378	7.982	ug/l	100
26) 2,2-Dichloropropane	4.70	77	966	0.269	ug/l #	53
28) Bromochloromethane	5.04	49	41	Below Cal	#	22
29) Tetrahydrofuran	5.15	42	1476	0.830	ug/l #	91
36) 1,1-Dichloropropene	5.65	75	16582	4.551	ug/l #	51
37) Ethyl Acetate	4.68	43	21378	4.395	ug/l #	70
38) Carbon Tetrachloride	5.66	117	18986	6.295	ug/l #	17
40) Benzene	6.15	78	69552	6.407	ug/l	99
42) 1,2-Dichloroethane	6.15	62	840	0.216	ug/l #	75
49) 1,4-Dioxane	7.75	88	26	0.360	ug/l #	1
52) Toluene	8.79	92	6559	1.025	ug/l	96
65) Chlorobenzene	10.14	112	10098	1.585	ug/l	100
67) Ethyl Benzene	10.25	91	7771	0.654	ug/l	93
68) m/p-Xylenes	10.36	106	5567	1.303	ug/l	98
69) o-Xylene	10.70	106	3835	0.926	ug/l	98
73) Isopropylbenzene	11.02	105	12990	1.305	ug/l	95
76) 1,2,3-Trichloropropane	11.13	75	70882	21.479	ug/l #	33
79) 2-Chlorotoluene	11.42	91	7400	1.055	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	1970	0.236	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.13	75	70882	59.208	ug/l #	9
84) 1,2,4-Trimethylbenzene	11.80	105	6015	0.711	ug/l	98
95) Naphthalene	13.83	128	11222	1.135	ug/l #	94

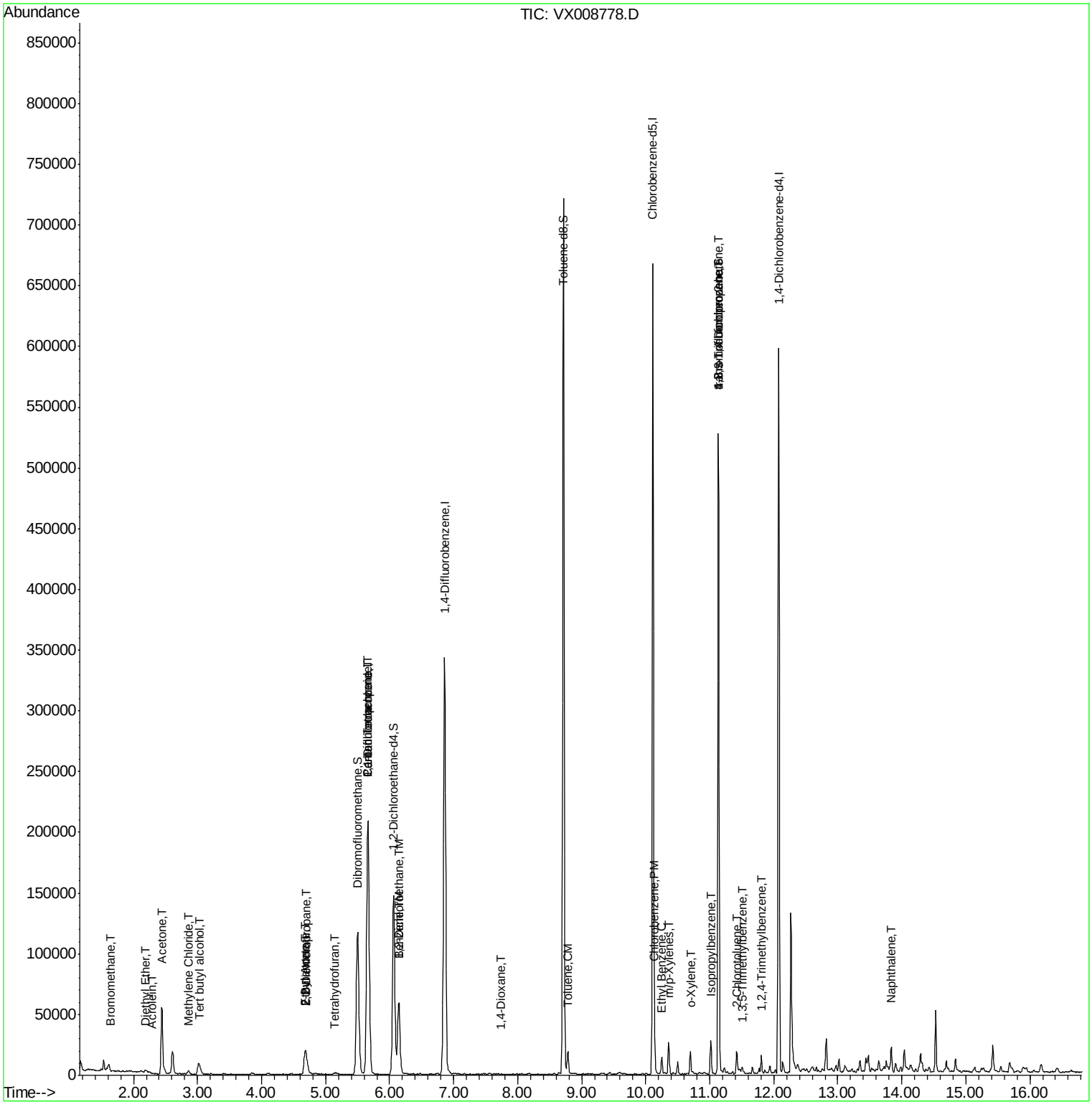
(#) = qualifier out of range (m) = manual integration (+) = signals summed

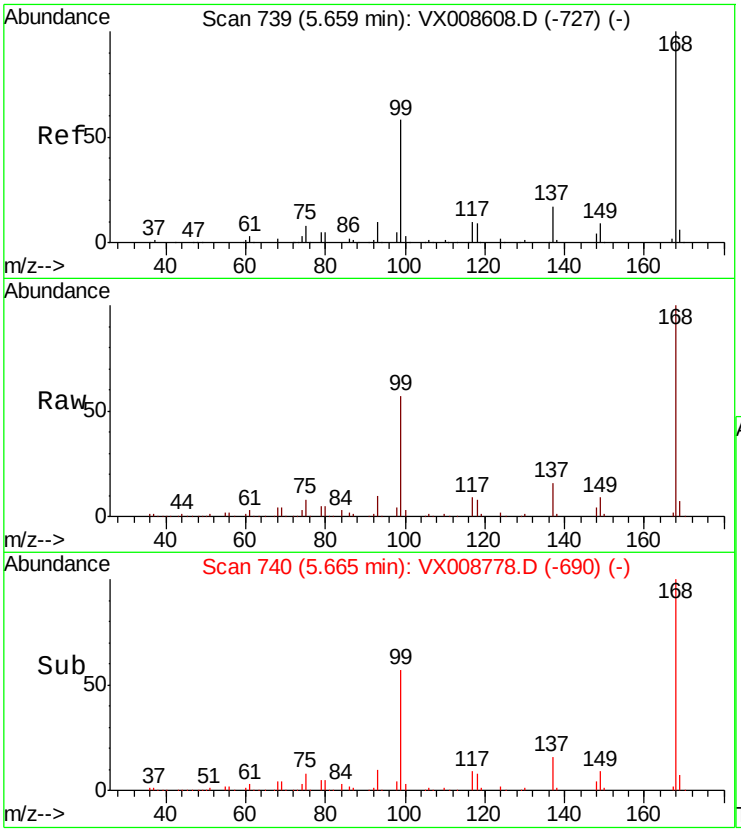
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040919\
Data File : VX008778.D
Acq On : 09 Apr 2019 18:09
Operator : JC/SP
Sample : K2311-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Apr 10 06:39:02 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



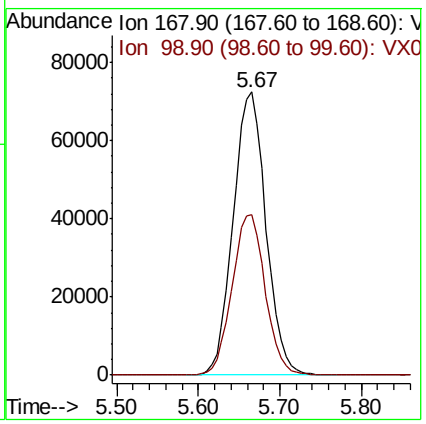


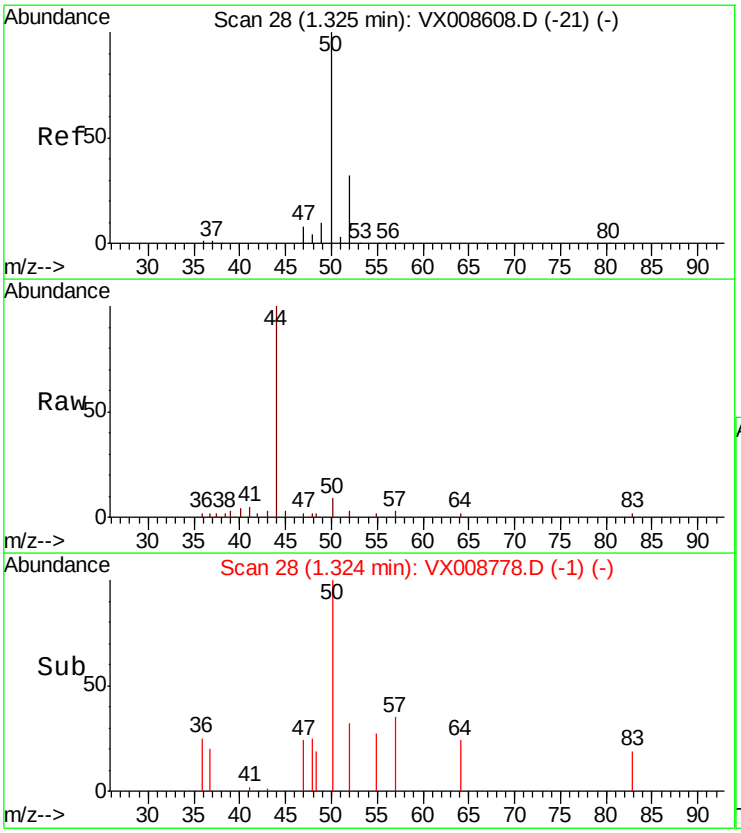
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX008778.D
Acq: 09 Apr 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 201716

Ion	Ratio	Lower	Upper
168	100		
99	56.7	46.7	70.1

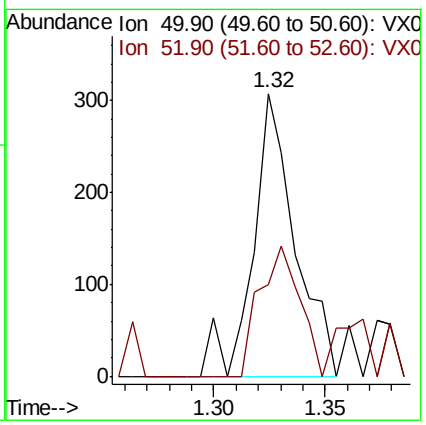


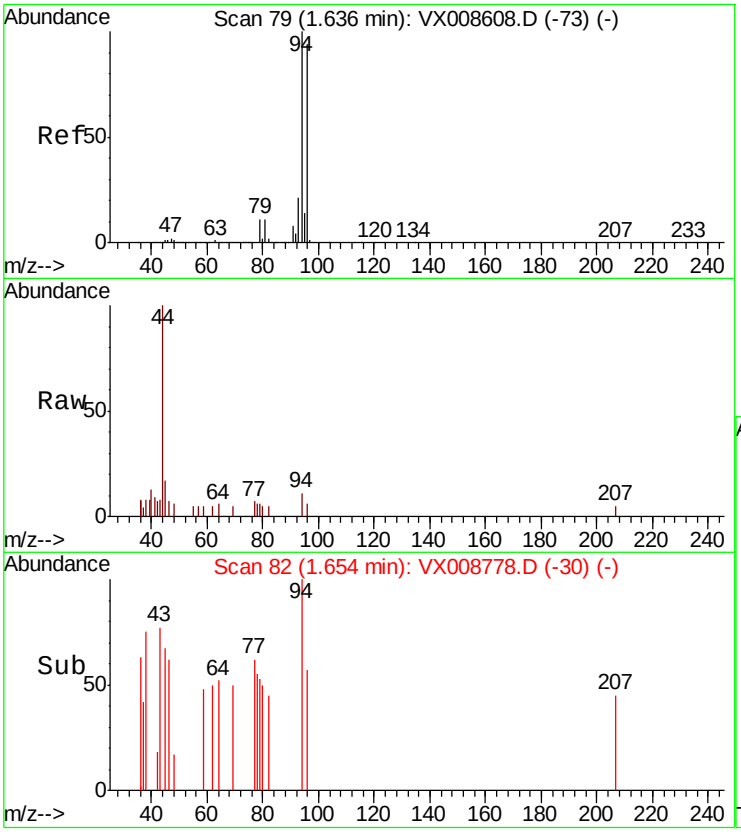


#3
Chloromethane
Concen: Below Cal
RT: 1.32 min Scan# 28
Delta R.T. 0.00 min
Lab File: VX008778.D
Acq: 09 Apr 2019 18:09

Tgt Ion: 50 Resp: 405

Ion	Ratio	Lower	Upper
50	100		
52	32.5	25.8	38.8



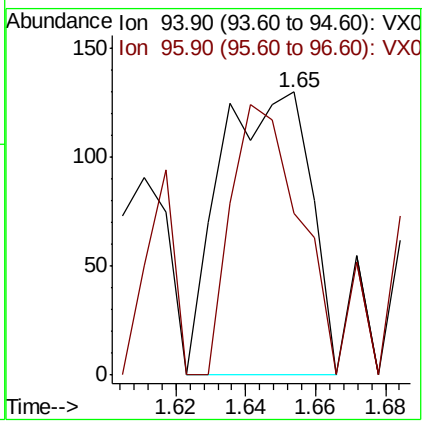


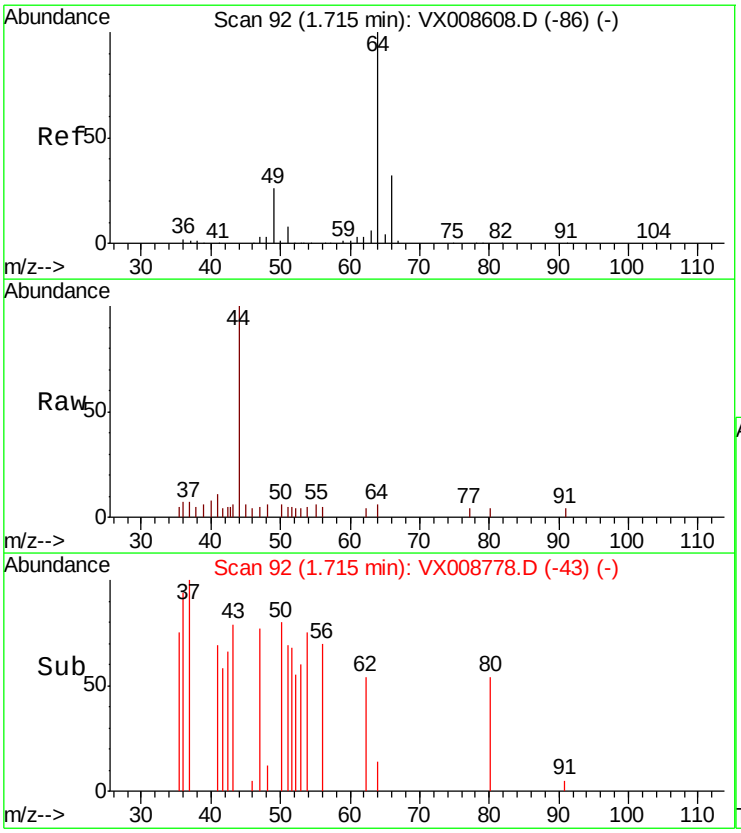
#5
Bromomethane
Concen: 2.030 ug/l
RT: 1.65 min Scan# 82
Delta R.T. 0.02 min
Lab File: VX008778.D
Acq: 09 Apr 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 94 Resp: 233

Ion	Ratio	Lower	Upper
94	100		
96	56.9	75.2	112.8#

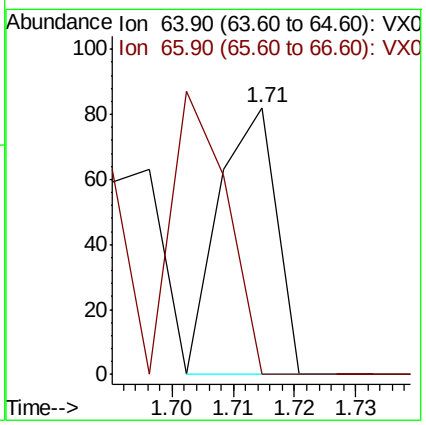


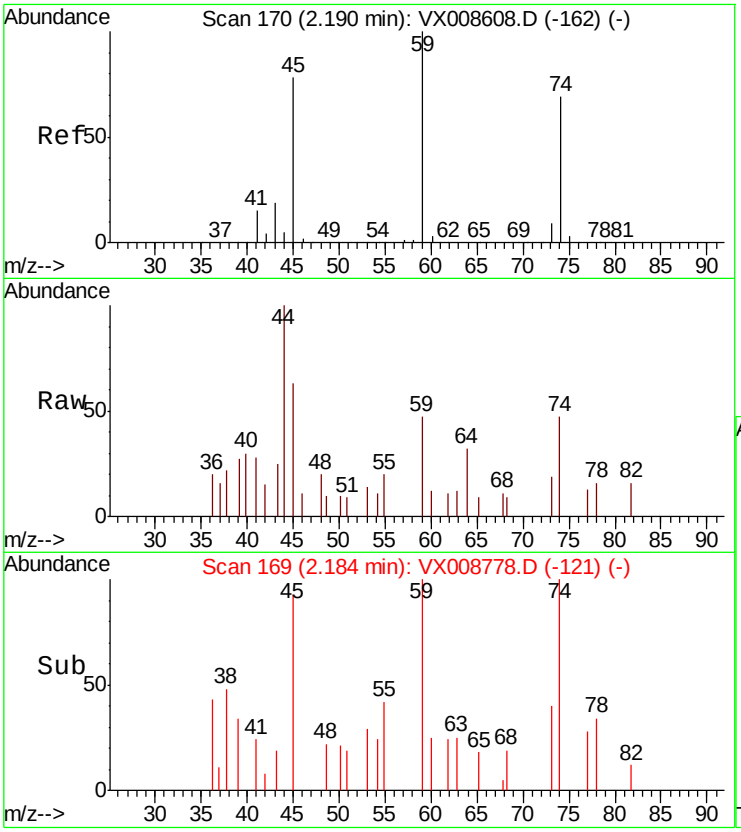


#6
Chloroethane
Concen: Below Cal
RT: 1.71 min Scan# 92
Delta R.T. 0.00 min
Lab File: VX008778.D
Acq: 09 Apr 2019 18:09

Tgt Ion: 64 Resp: 53

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.4	38.0#



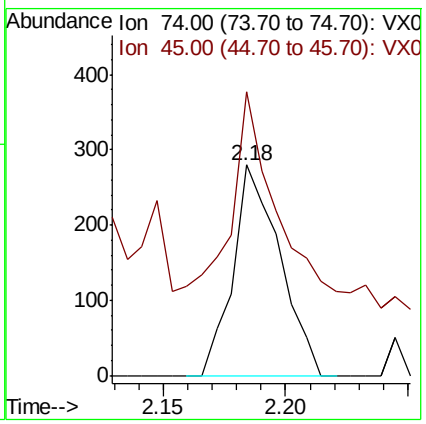


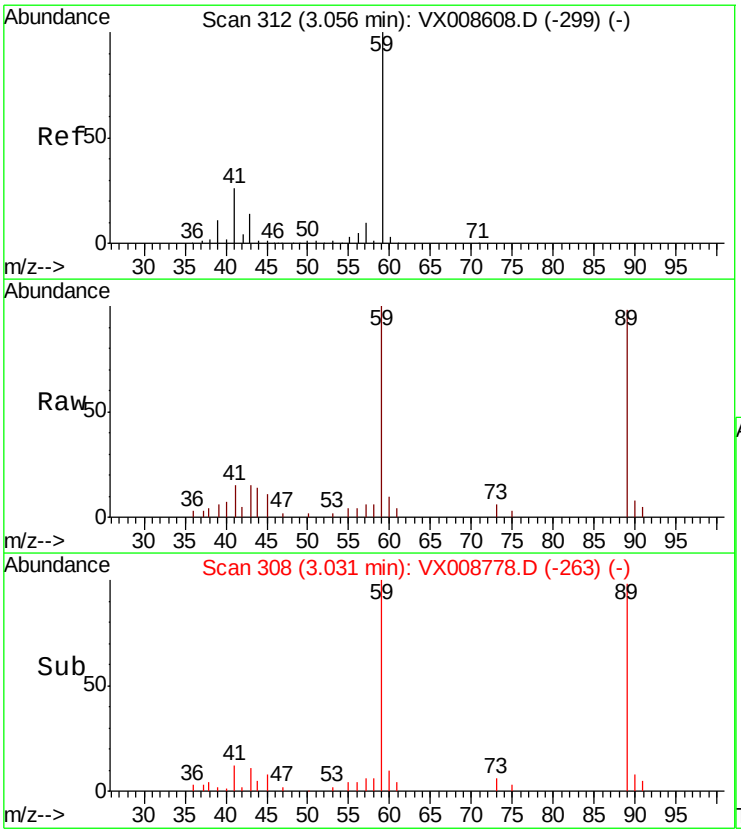
#8
Diethyl Ether
Concen: 0.225 ug/l
RT: 2.18 min Scan# 169
Delta R.T. -0.01 min
Lab File: VX008778.D
Acq: 09 Apr 2019 18:09

Tgt Ion: 74 Resp: 371

Ion	Ratio	Lower	Upper
74	100		
45	114.3	56.5	169.5

Instrument :
MSVOA_X
ClientSampleId :

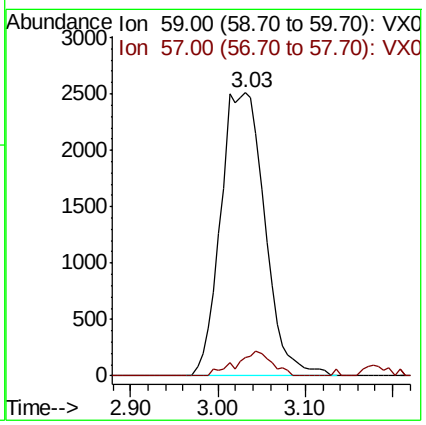


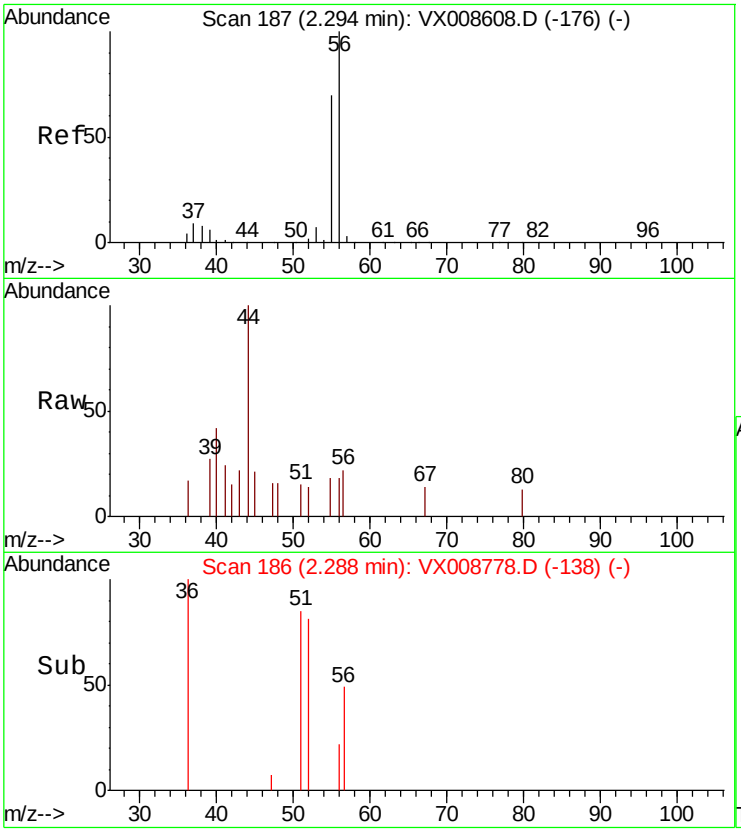


#11
Tert butyl alcohol
Concen: 12.748 ug/l
RT: 3.03 min Scan# 308
Delta R.T. -0.02 min
Lab File: VX008778.D
Acq: 09 Apr 2019 18:09

Tgt Ion: 59 Resp: 8781

Ion	Ratio	Lower	Upper
59	100		
57	7.1	8.3	12.5#



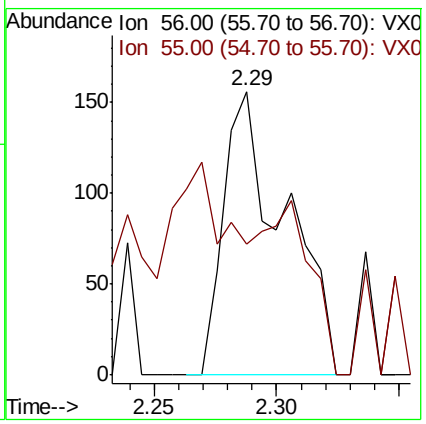


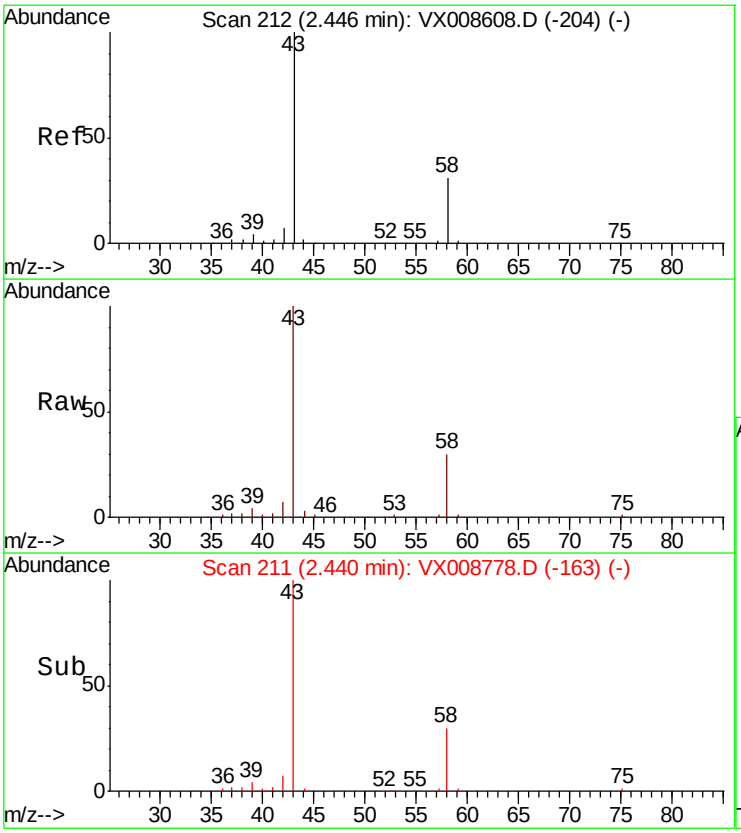
#13
Acrolein
Concen: 0.793 ug/l
RT: 2.29 min Scan# 186
Delta R.T. -0.01 min
Lab File: VX008778.D
Acq: 09 Apr 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 271

Ion	Ratio	Lower	Upper
56	100		
55	29.9	58.0	87.0#

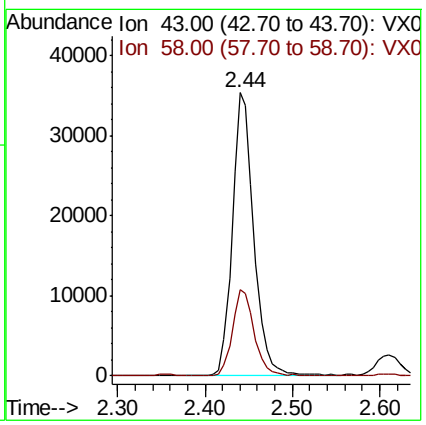


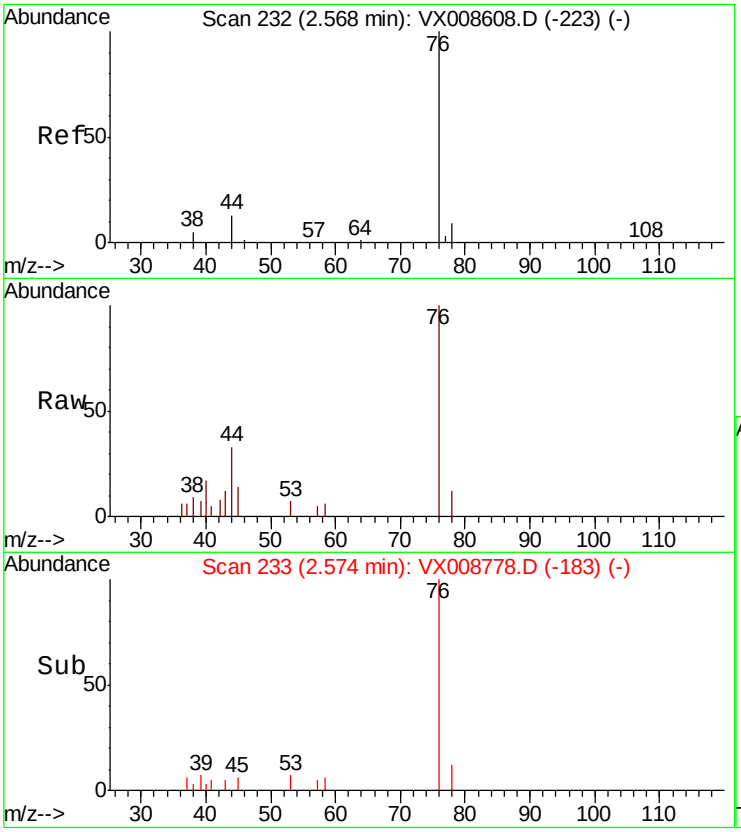


#16
Acetone
Concen: 35.703 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX008778.D
Acq: 09 Apr 2019 18:09

Tgt Ion: 43 Resp: 60502

Ion	Ratio	Lower	Upper
43	100		
58	30.5	24.8	37.2



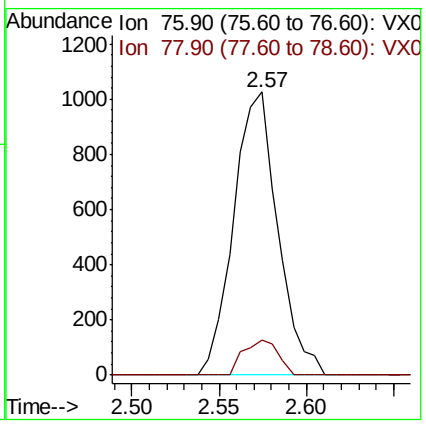


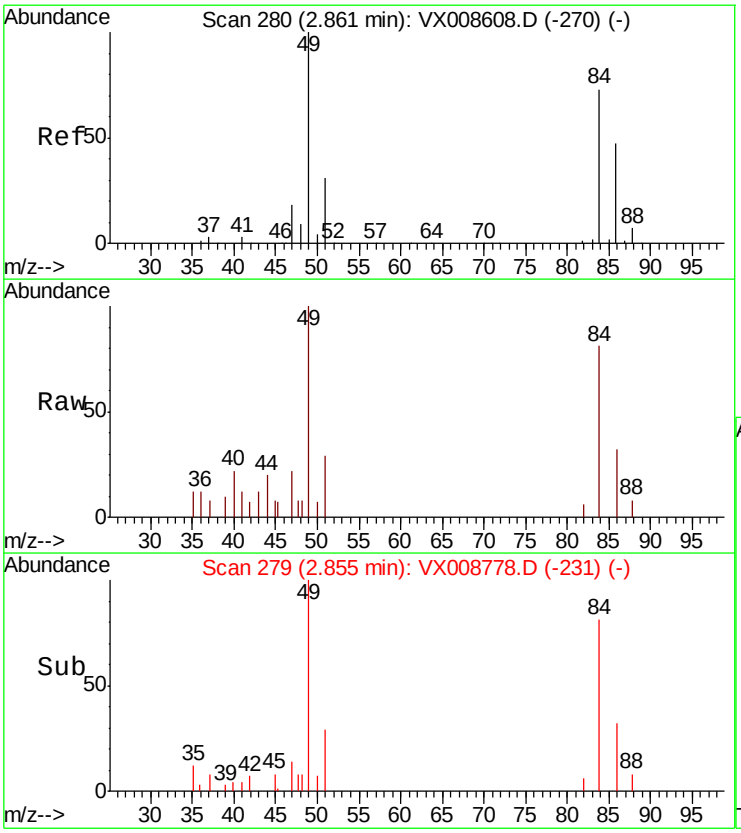
#17
Carbon Disulfide
Concen: Below Cal
RT: 2.57 min Scan# 233
Delta R.T. 0.01 min
Lab File: VX008778.D
Acq: 09 Apr 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 76 Resp: 1804

Ion	Ratio	Lower	Upper
76	100		
78	12.4	7.1	10.7#

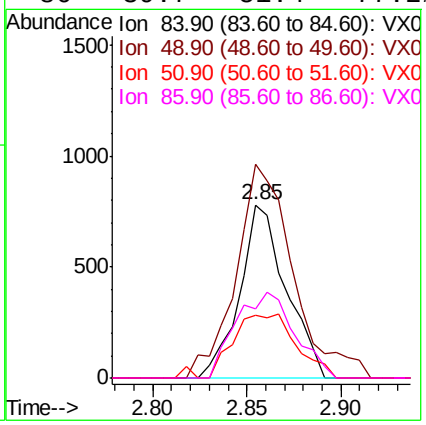


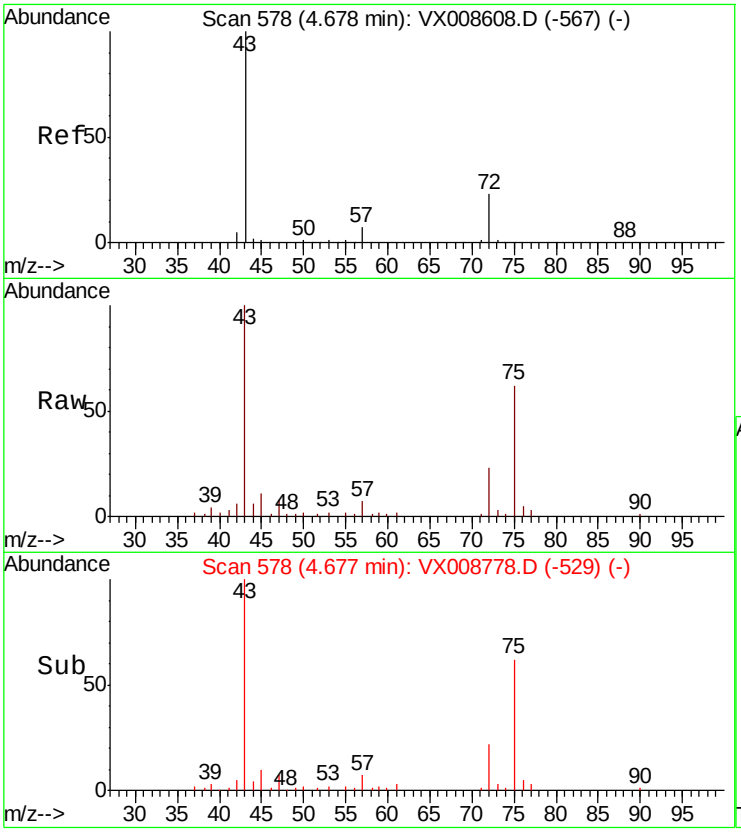


#20
Methylene Chloride
Concen: 0.468 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX008778.D
Acq: 09 Apr 2019 18:09

Tgt Ion: 84 Resp: 1327

Ion	Ratio	Lower	Upper
84	100		
49	123.5	109.7	164.5
51	35.9	33.6	50.4
86	39.7	51.4	77.2#



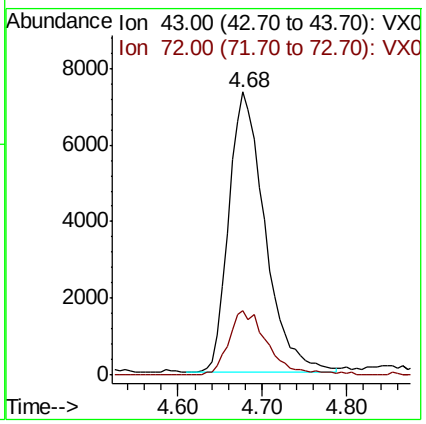


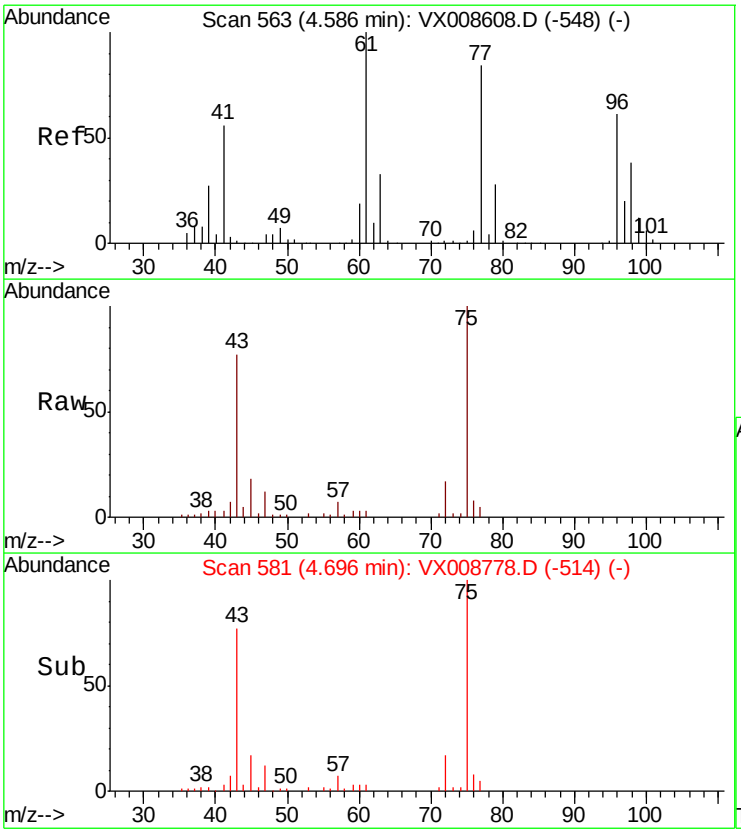
#25
2-Butanone
Concen: 7.982 ug/l
RT: 4.68 min Scan# 578
Delta R.T. -0.00 min
Lab File: VX008778.D
Acq: 09 Apr 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 21378

Ion	Ratio	Lower	Upper
43	100		
72	22.8	18.2	27.4

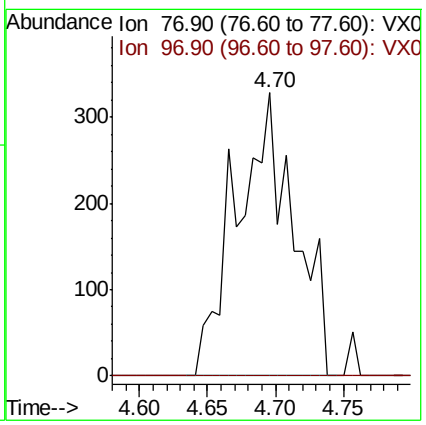


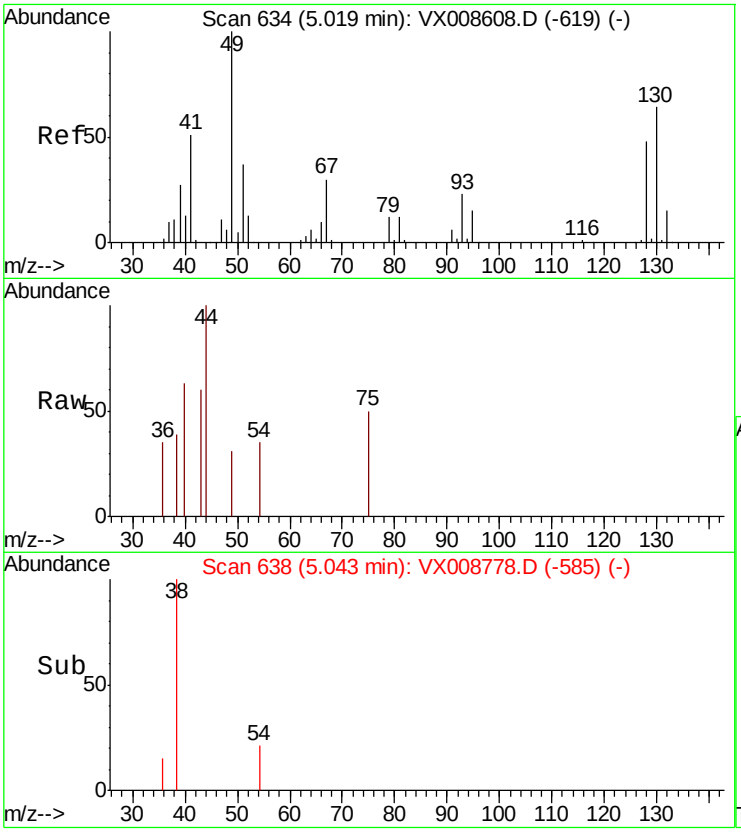


#26
2,2-Dichloropropane
Concen: 0.269 ug/l
RT: 4.70 min Scan# 581
Delta R.T. 0.11 min
Lab File: VX008778.D
Acq: 09 Apr 2019 18:09

Tgt Ion: 77 Resp: 966

Ion	Ratio	Lower	Upper
77	100		
97	0.0	11.5	34.5#



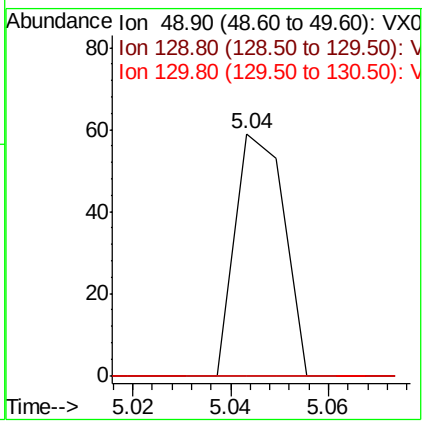


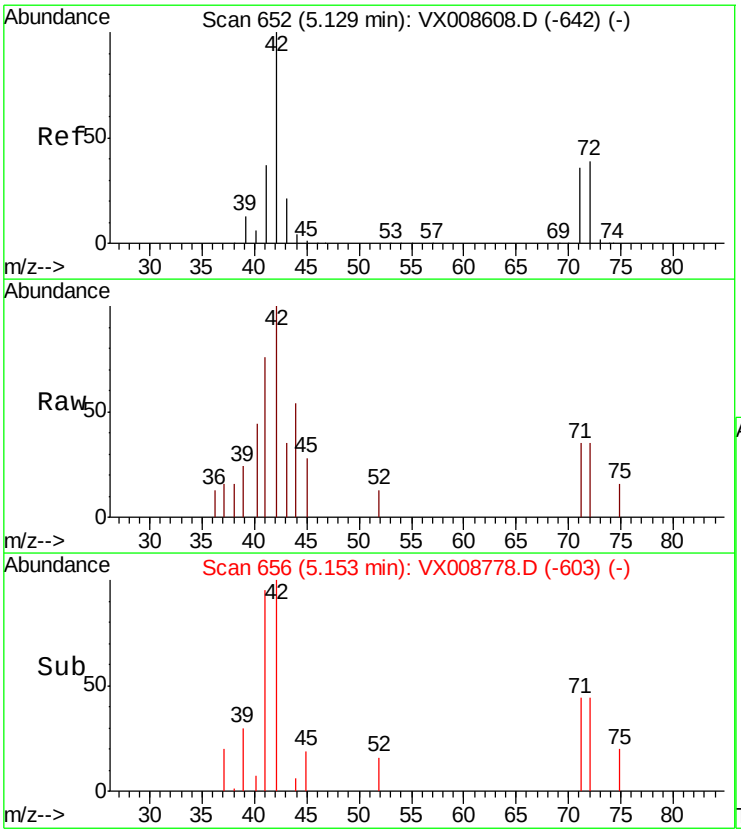
#28
Bromochloromethane
Concen: Below Cal
RT: 5.04 min Scan# 638
Delta R.T. 0.02 min
Lab File: VX008778.D
Acq: 09 Apr 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 49 Resp: 41

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

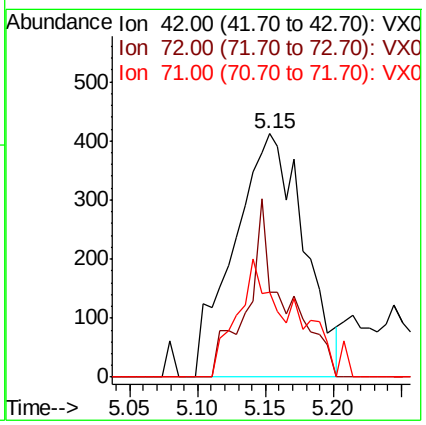


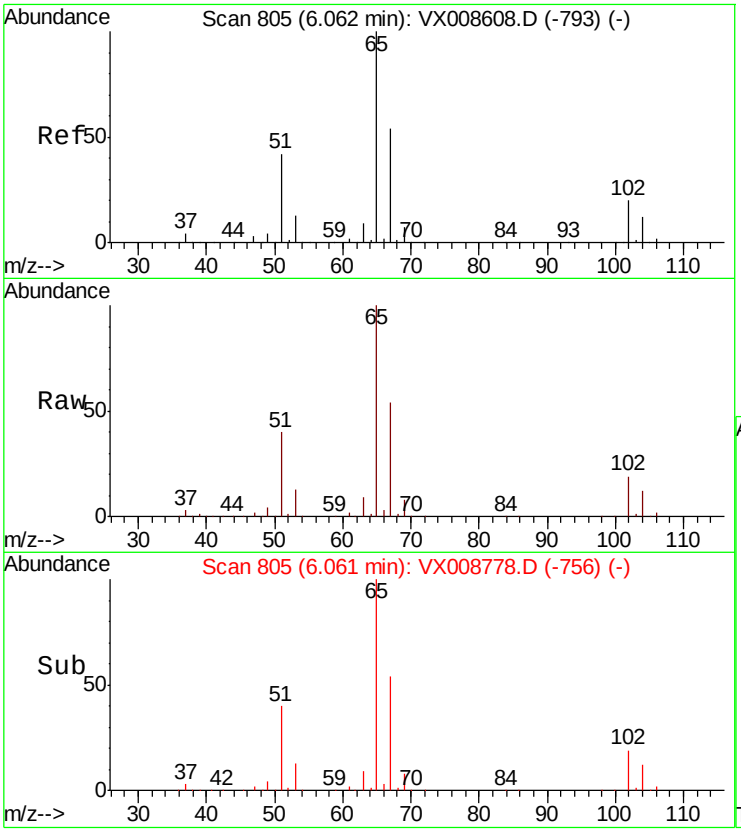


#29
Tetrahydrofuran
Concen: 0.830 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.02 min
Lab File: VX008778.D
Acq: 09 Apr 2019 18:09

Tgt Ion: 42 Resp: 1476

Ion	Ratio	Lower	Upper
42	100		
72	39.8	30.5	45.7
71	26.3	28.6	43.0#



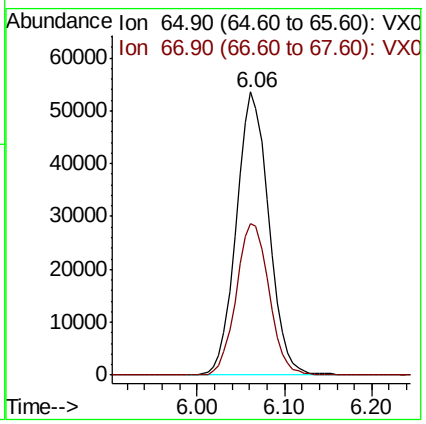


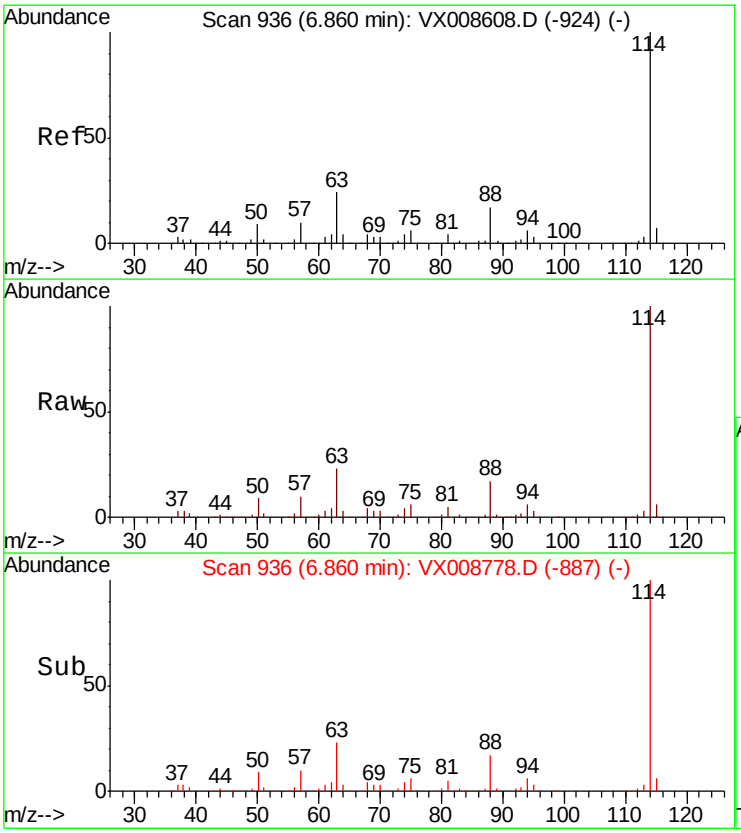
#33
1,2-Dichloroethane-d4
Concen: 47.039 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX008778.D
Acq: 09 Apr 2019 18:09

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 138395

Ion	Ratio	Lower	Upper
65	100		
67	54.2	0.0	107.2

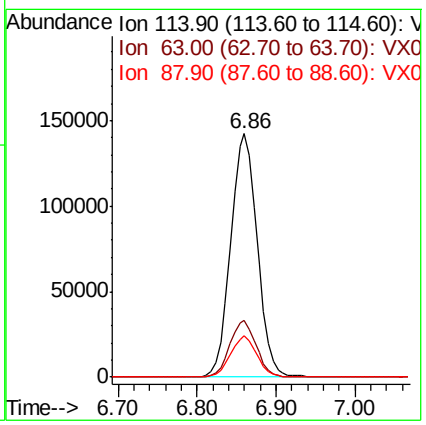


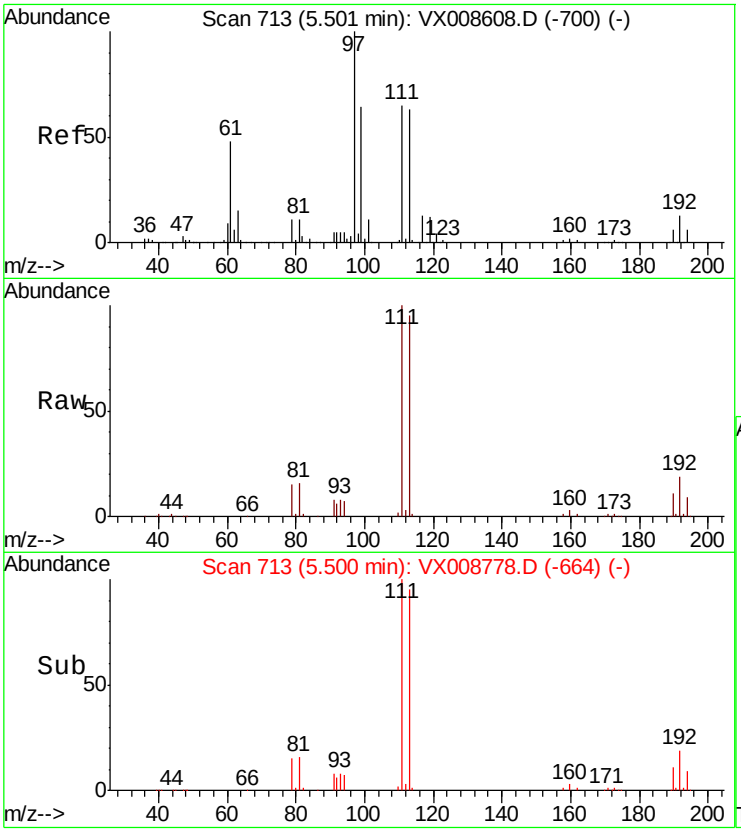


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX008778.D
Acq: 09 Apr 2019 18:09

Tgt Ion:114 Resp: 333354

Ion	Ratio	Lower	Upper
114	100		
63	23.3	0.0	47.2
88	16.8	0.0	34.0



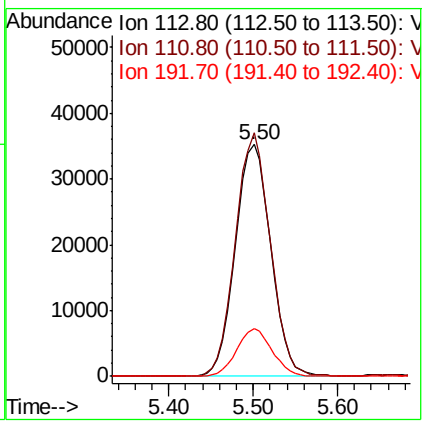


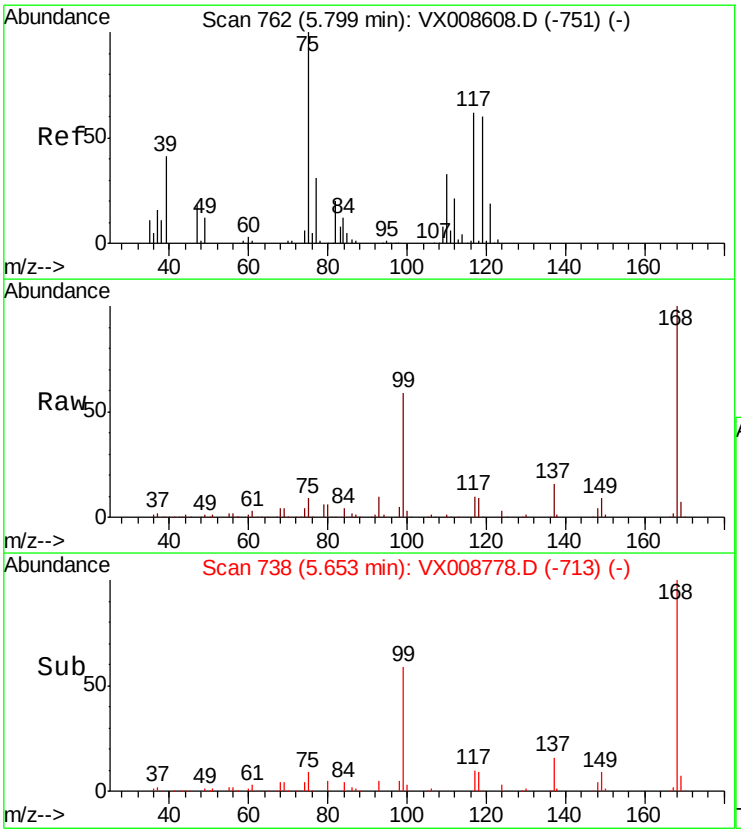
#35
Dibromofluoromethane
Concen: 47.463 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX008778.D
Acq: 09 Apr 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 101160

Ion	Ratio	Lower	Upper
113	100		
111	102.8	83.4	125.2
192	20.3	16.1	24.1

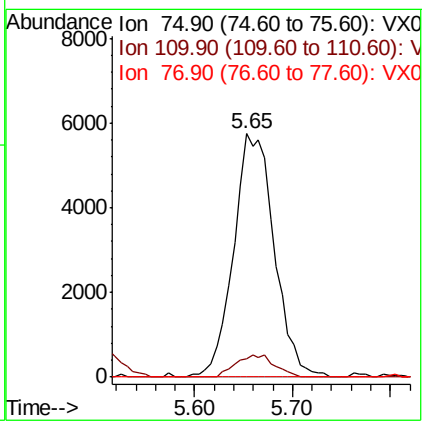


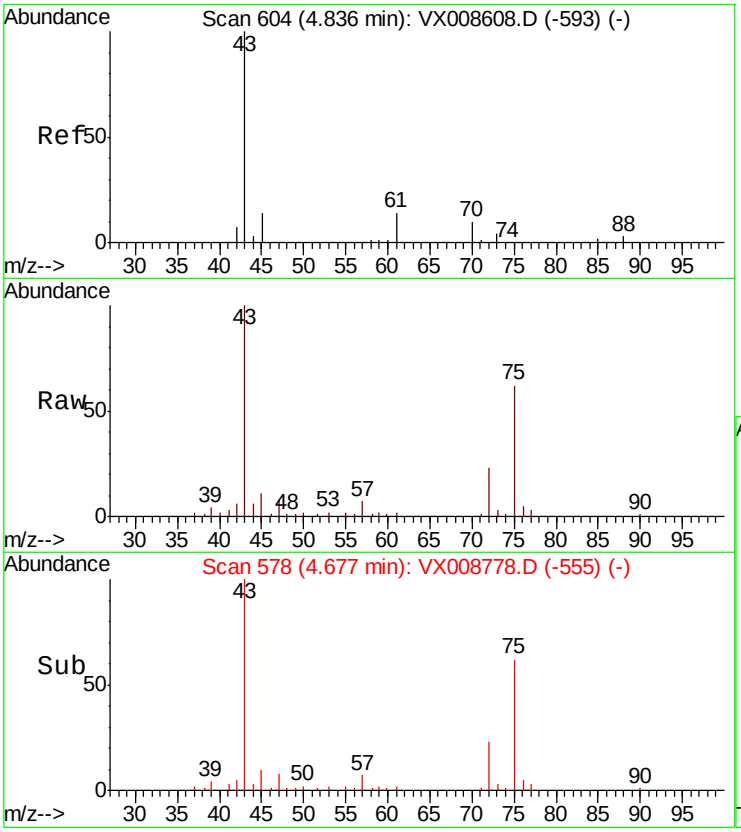


#36
1,1-Dichloropropene
Concen: 4.551 ug/l
RT: 5.65 min Scan# 738
Delta R.T. -0.15 min
Lab File: VX008778.D
Acq: 09 Apr 2019 18:09

Tgt Ion: 75 Resp: 16582

Ion	Ratio	Lower	Upper
75	100		
110	8.6	16.4	49.2#
77	0.0	24.7	37.1#



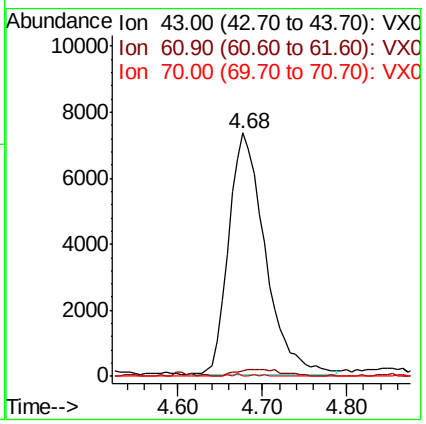


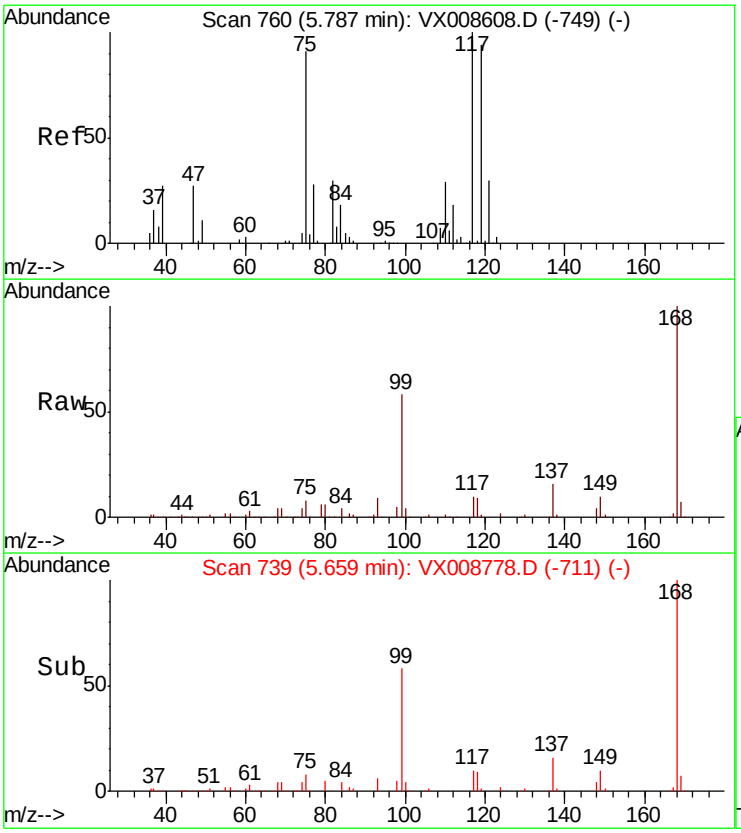
#37
Ethyl Acetate
Concen: 4.395 ug/l
RT: 4.68 min Scan# 578
Delta R.T. -0.16 min
Lab File: VX008778.D
Acq: 09 Apr 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 21378

Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.3	15.5#
70	0.2	7.6	11.4#

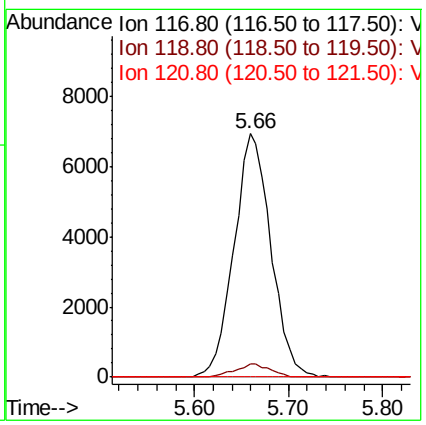


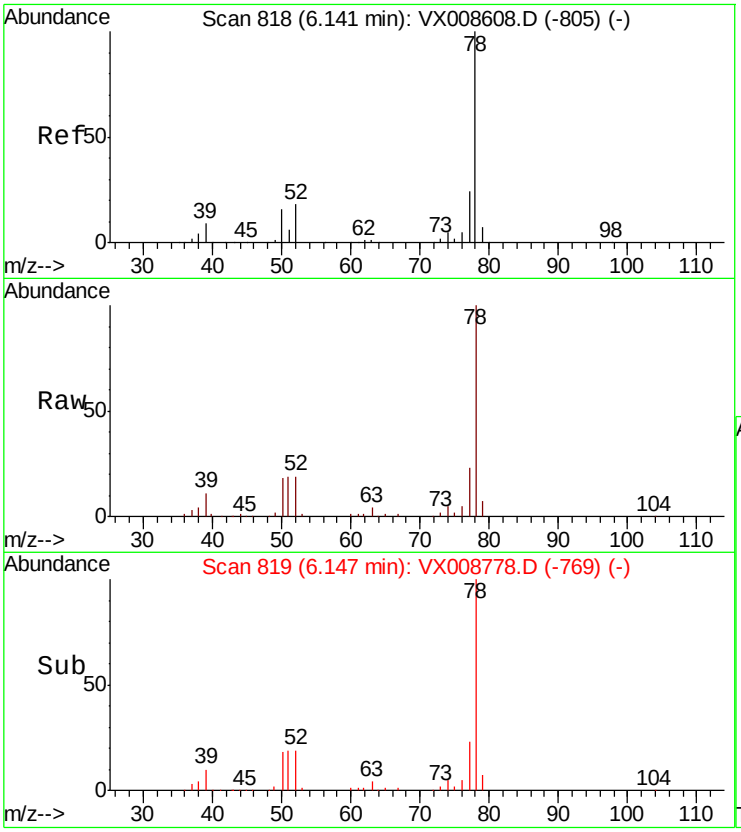


#38
Carbon Tetrachloride
Concen: 6.295 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.13 min
Lab File: VX008778.D
Acq: 09 Apr 2019 18:09

Tgt Ion:117 Resp: 18986

Ion	Ratio	Lower	Upper
117	100		
119	5.5	75.0	112.6#
121	0.0	24.3	36.5#



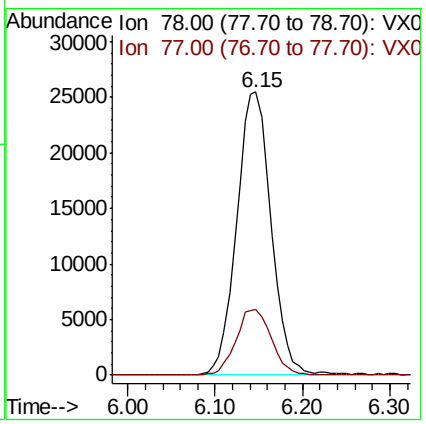


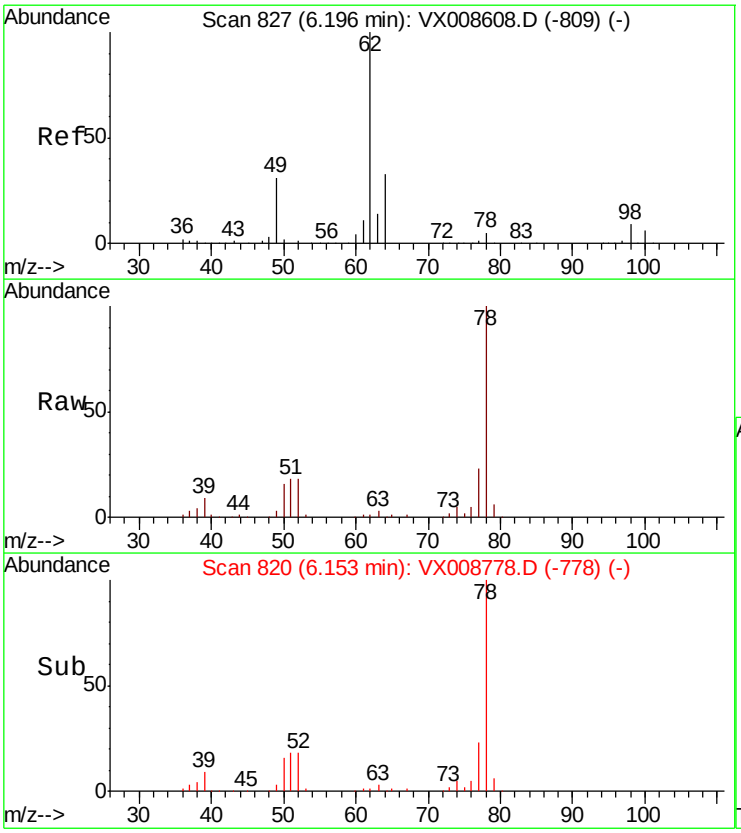
#40
Benzene
Concen: 6.407 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX008778.D
Acq: 09 Apr 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 78 Resp: 69552

Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.1	28.7

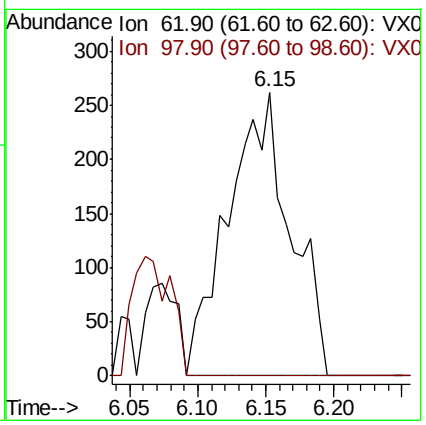


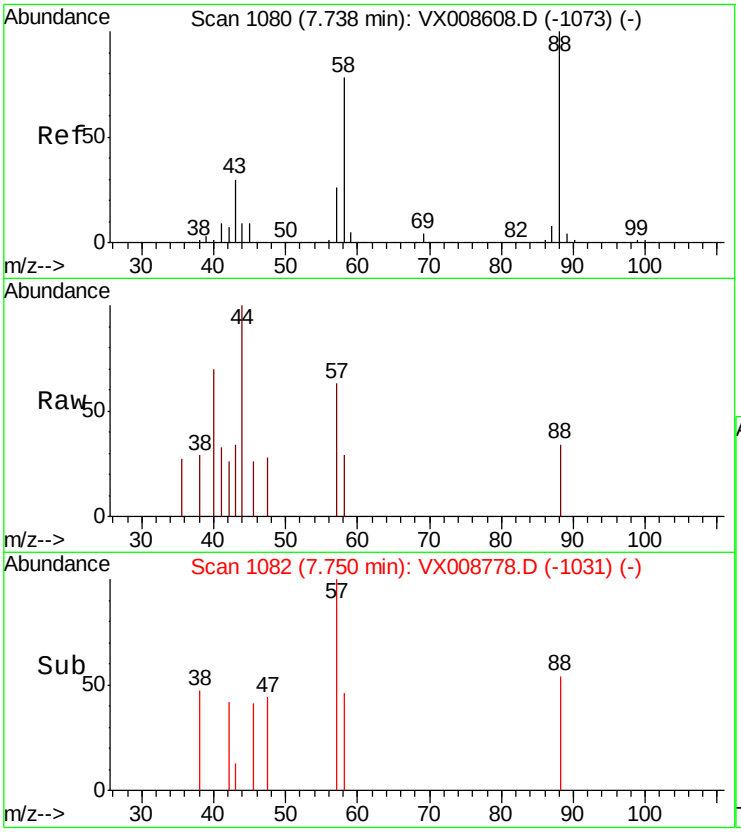


#42
1,2-Dichloroethane
Concen: 0.216 ug/l
RT: 6.15 min Scan# 820
Delta R.T. -0.04 min
Lab File: VX008778.D
Acq: 09 Apr 2019 18:09

Tgt Ion: 62 Resp: 840

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	18.0



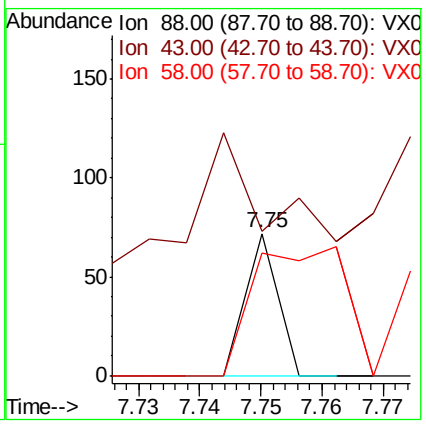


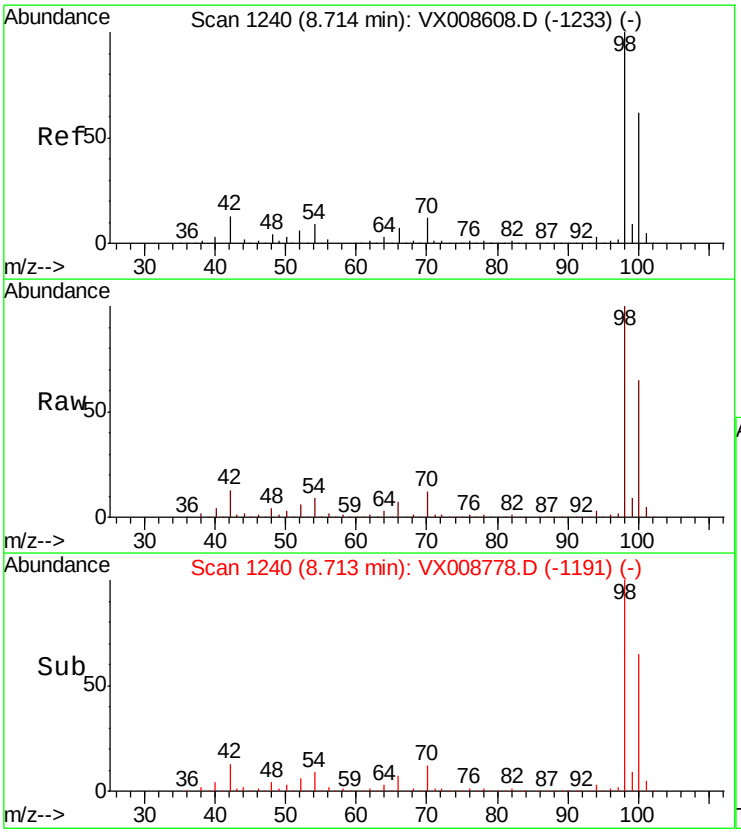
#49
1,4-Dioxane
Concen: 0.360 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.01 min
Lab File: VX008778.D
Acq: 09 Apr 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 88 Resp: 26

Ion	Ratio	Lower	Upper
88	100		
43	273.1	28.6	43.0#
58	0.0	62.2	93.2#

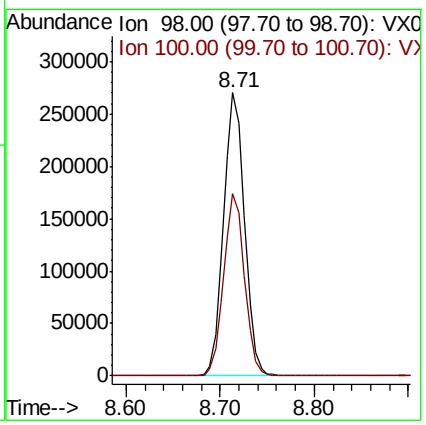


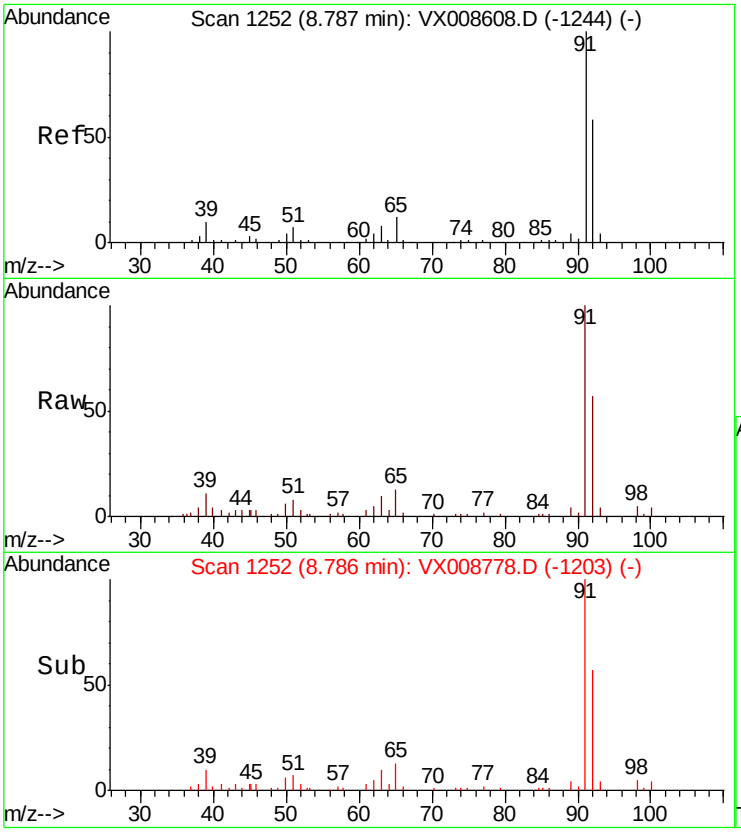


#50
Toluene-d8
Concen: 49.216 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008778.D
Acq: 09 Apr 2019 18:09

Tgt Ion: 98 Resp: 417669

Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.4	77.0



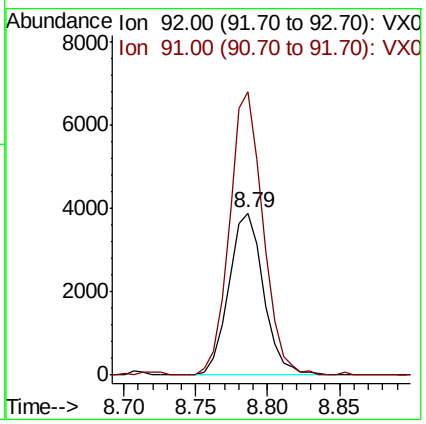


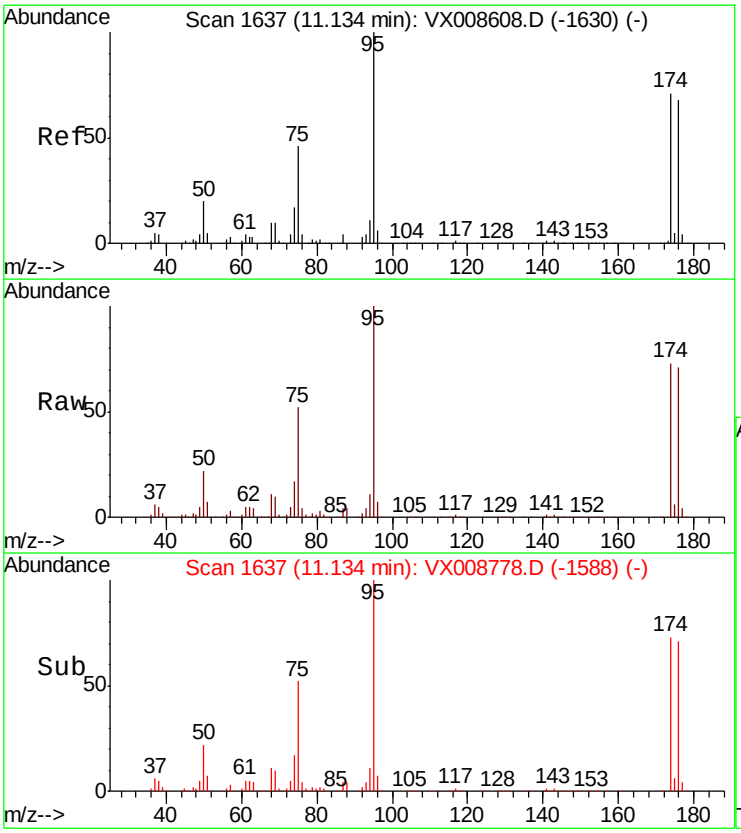
#52
Toluene
Concen: 1.025 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX008778.D
Acq: 09 Apr 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 92 Resp: 6559

Ion	Ratio	Lower	Upper
92	100		
91	167.9	138.5	207.7

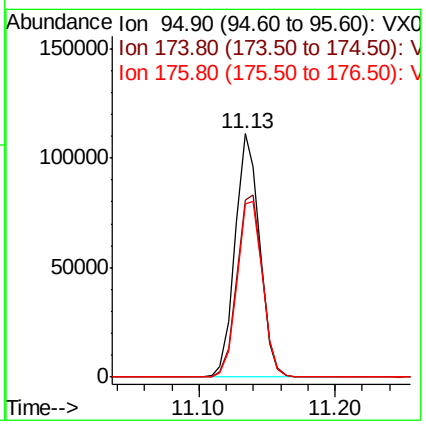


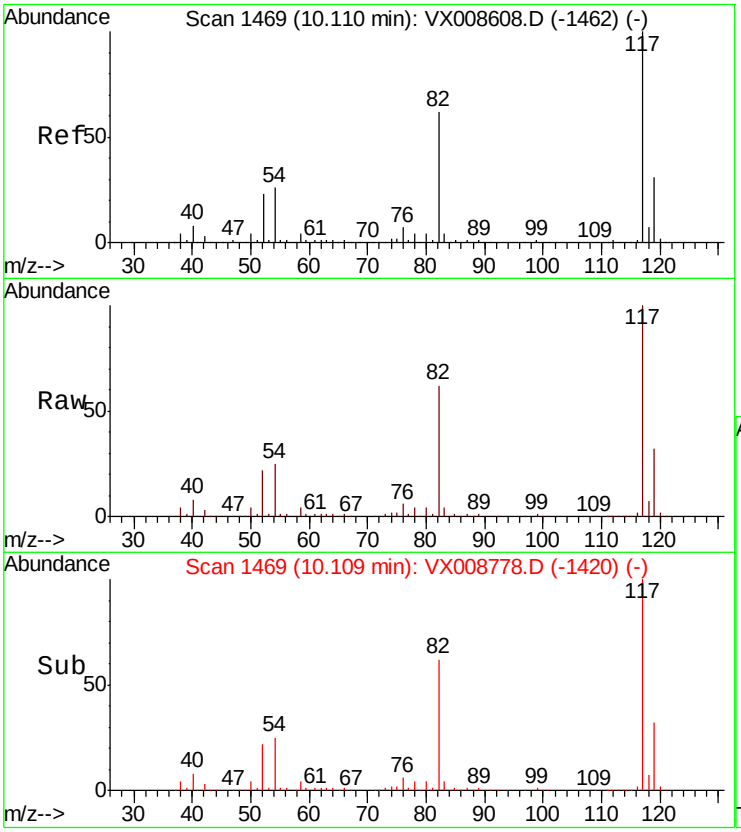


#62
4-Bromofluorobenzene
Concen: 46.250 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008778.D
Acq: 09 Apr 2019 18:09

Tgt Ion: 95 Resp: 139185

Ion	Ratio	Lower	Upper
95	100		
174	78.0	0.0	151.8
176	75.0	0.0	145.8



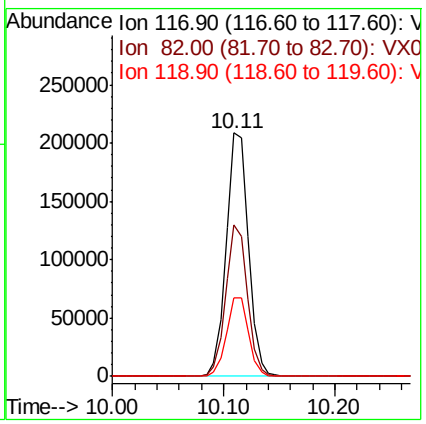


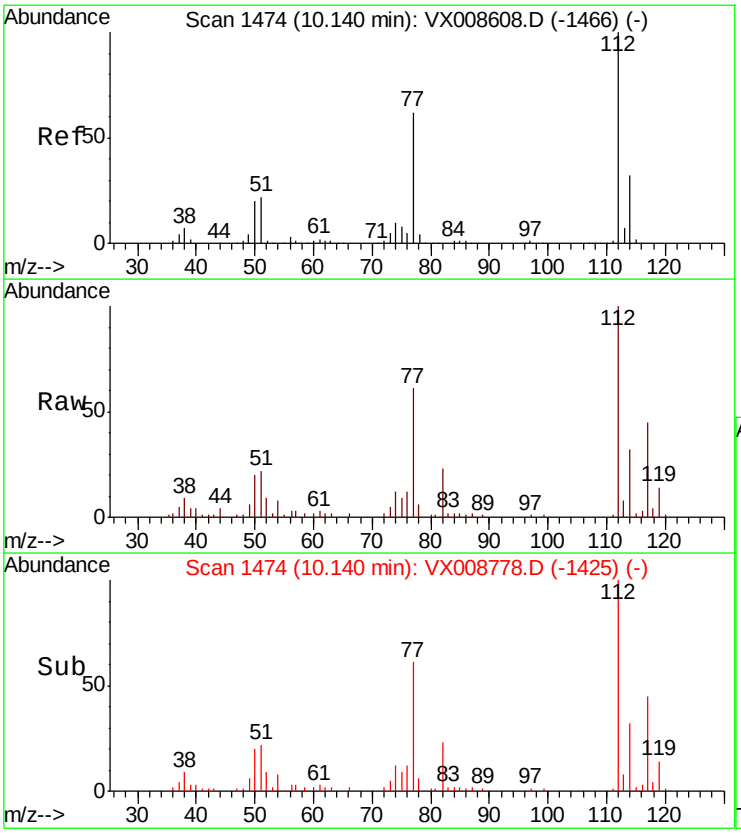
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008778.D
Acq: 09 Apr 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 287395

Ion	Ratio	Lower	Upper
117	100		
82	62.2	49.6	74.4
119	32.3	25.0	37.4

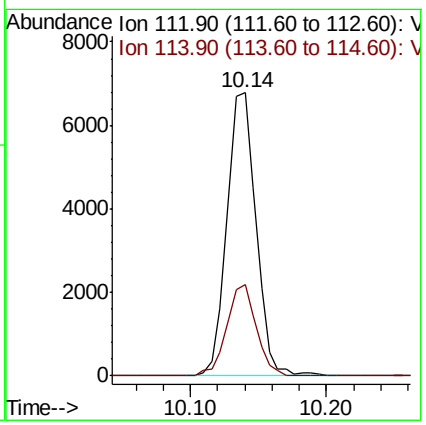


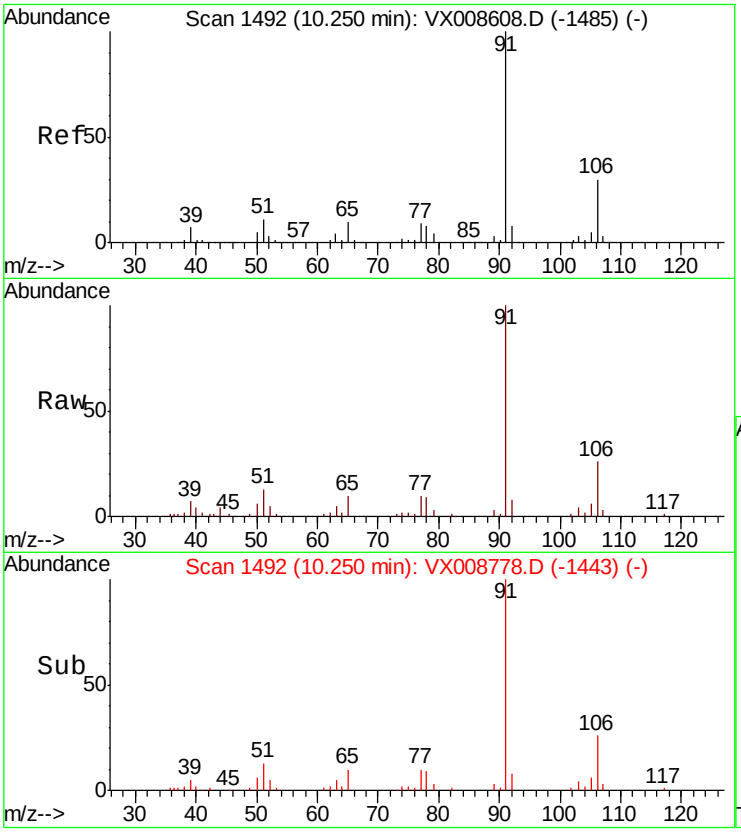


#65
Chlorobenzene
Concen: 1.585 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX008778.D
Acq: 09 Apr 2019 18:09

Tgt Ion:112 Resp: 10098

Ion	Ratio	Lower	Upper
112	100		
114	32.5	25.8	38.8



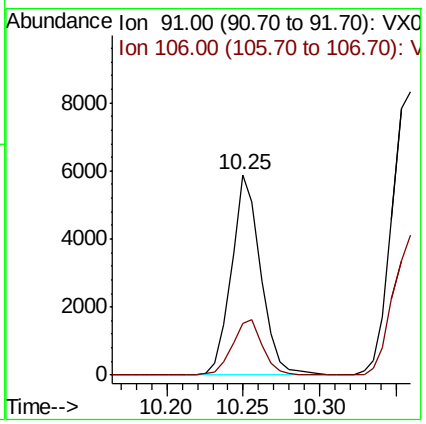


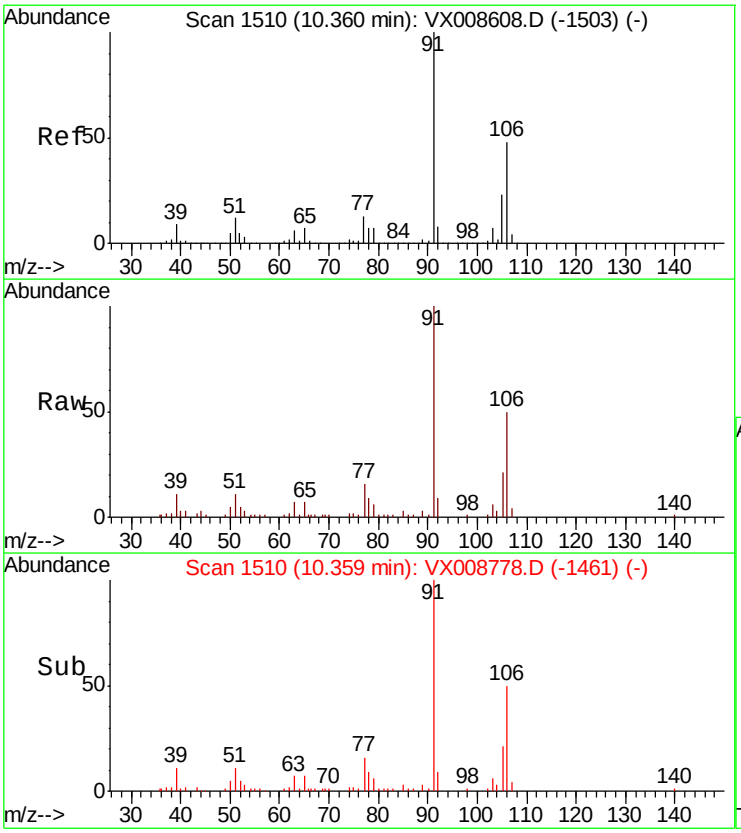
#67
Ethyl Benzene
Concen: 0.654 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX008778.D
Acq: 09 Apr 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 91 Resp: 7771

Ion	Ratio	Lower	Upper
91	100		
106	26.0	23.7	35.5

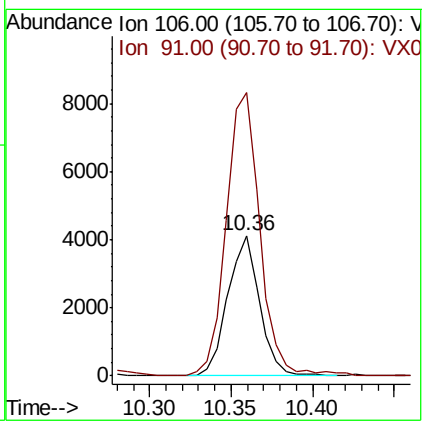


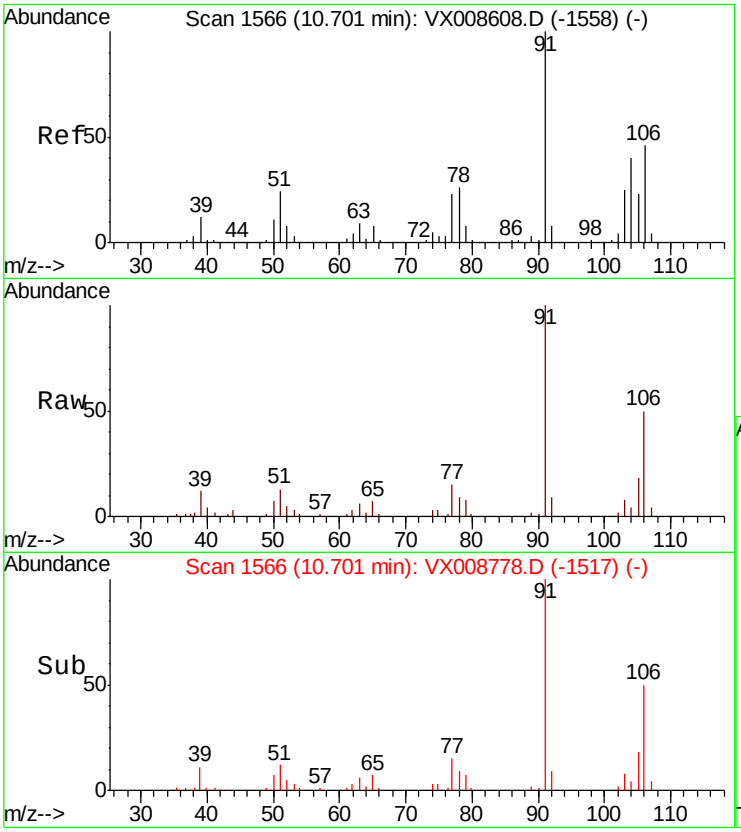


#68
m/p-Xylenes
Concen: 1.303 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX008778.D
Acq: 09 Apr 2019 18:09

Tgt Ion:106 Resp: 5567

Ion	Ratio	Lower	Upper
106	100		
91	214.4	168.5	252.7



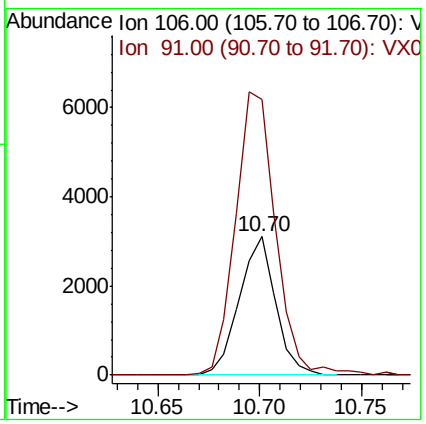


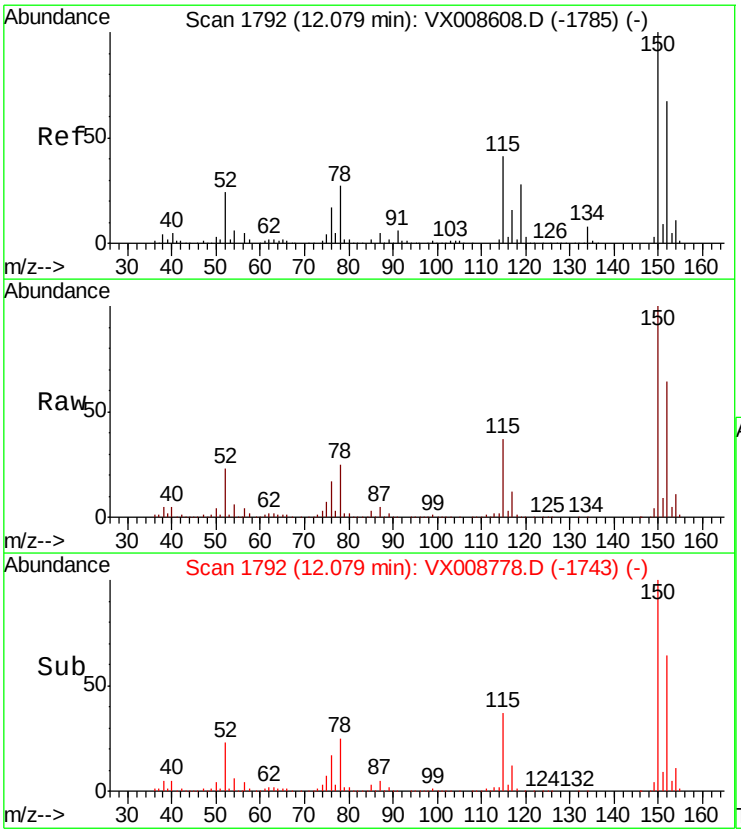
#69
o-Xylene
Concen: 0.926 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX008778.D
Acq: 09 Apr 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:106 Resp: 3835

Ion	Ratio	Lower	Upper
106	100		
91	225.6	111.5	334.4

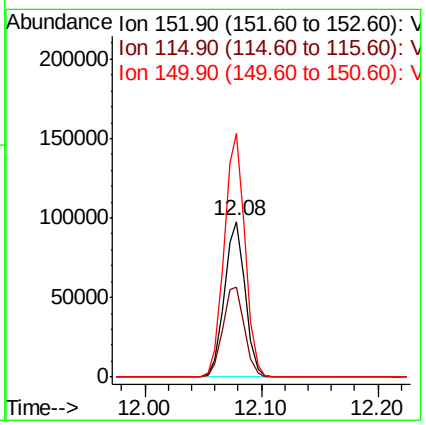


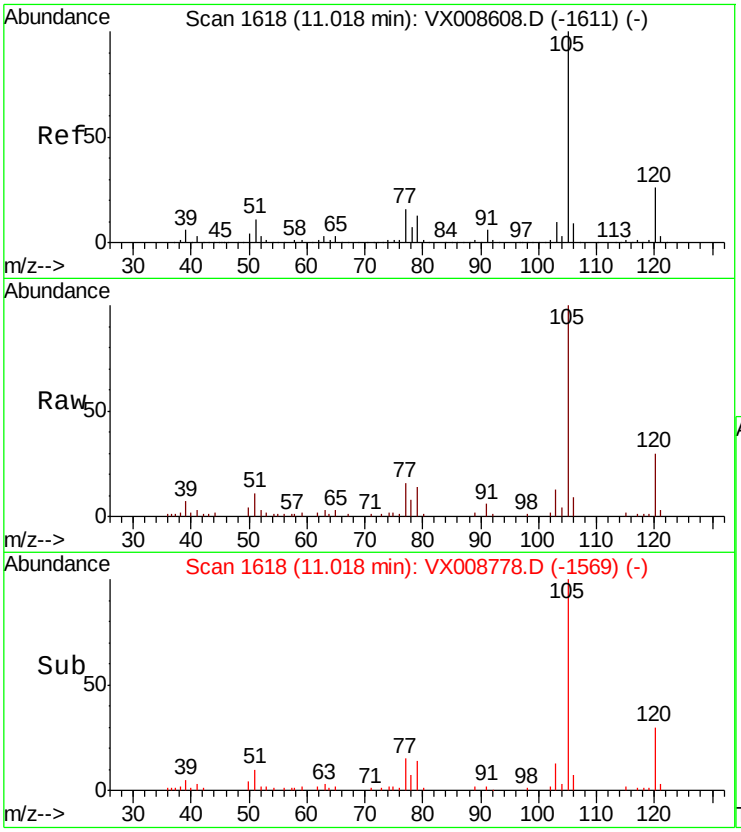


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008778.D
Acq: 09 Apr 2019 18:09

Tgt Ion:152 Resp: 120128

Ion	Ratio	Lower	Upper
152	100		
115	60.1	43.5	130.5
150	156.9	0.0	348.8



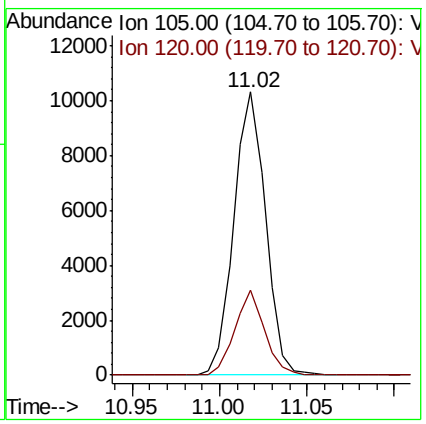


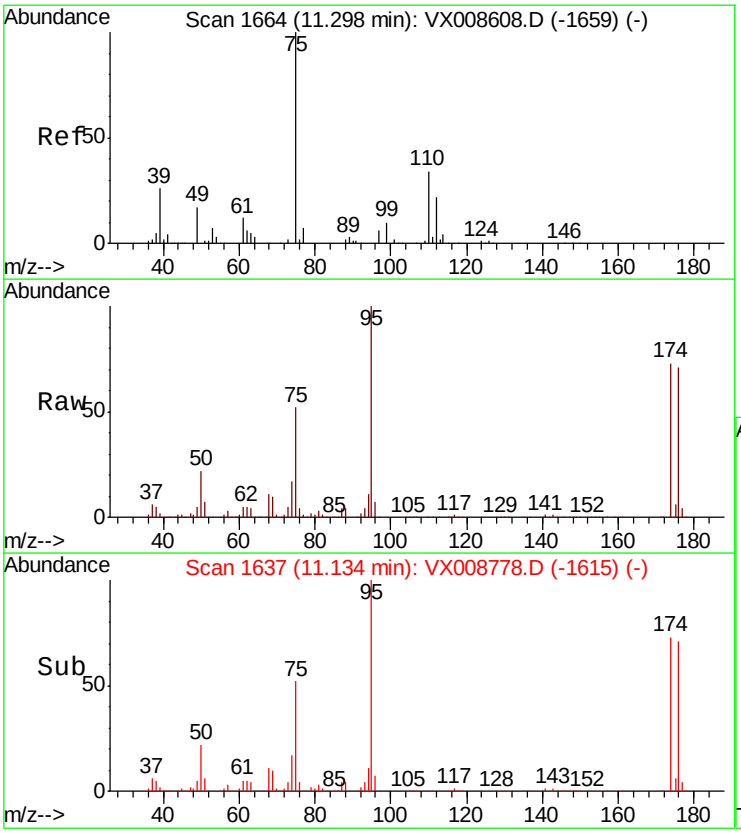
#73
Isopropylbenzene
Concen: 1.305 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX008778.D
Acq: 09 Apr 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:105 Resp: 12990

Ion	Ratio	Lower	Upper
105	100		
120	28.0	12.9	38.6

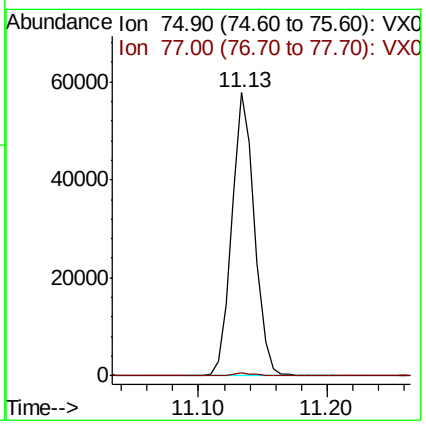


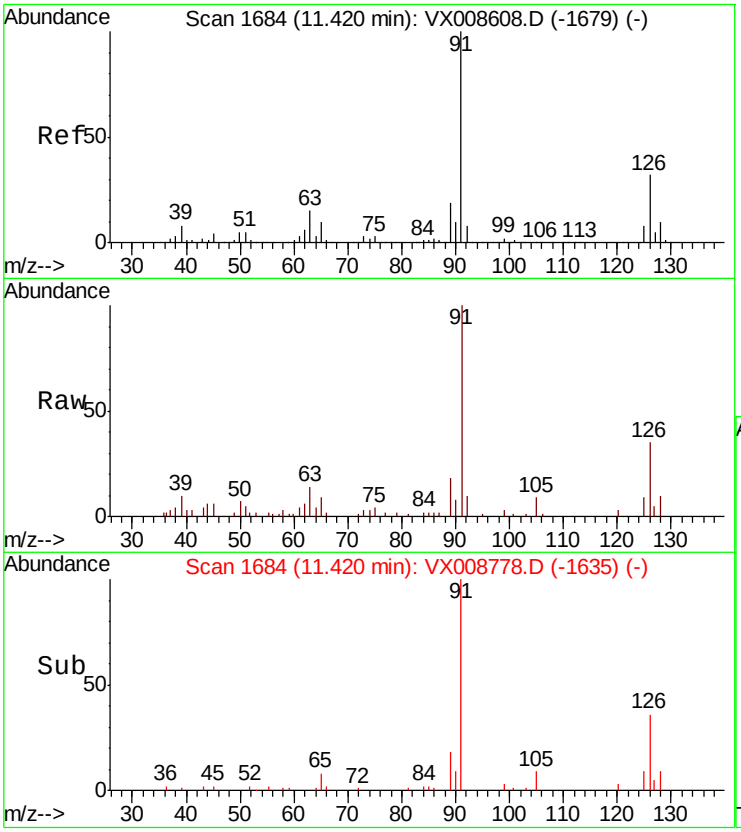


#76
1,2,3-Trichloropropane
Concen: 21.479 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX008778.D
Acq: 09 Apr 2019 18:09

Tgt Ion: 75 Resp: 70882

Ion	Ratio	Lower	Upper
75	100		
77	1.2	22.3	66.8#



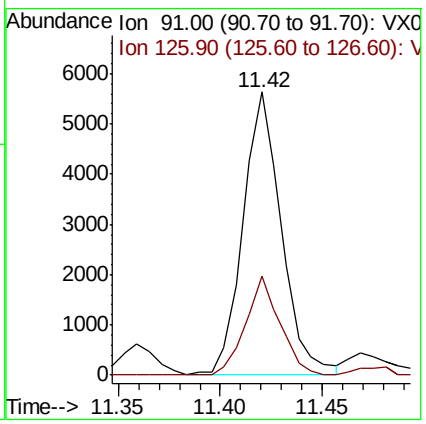


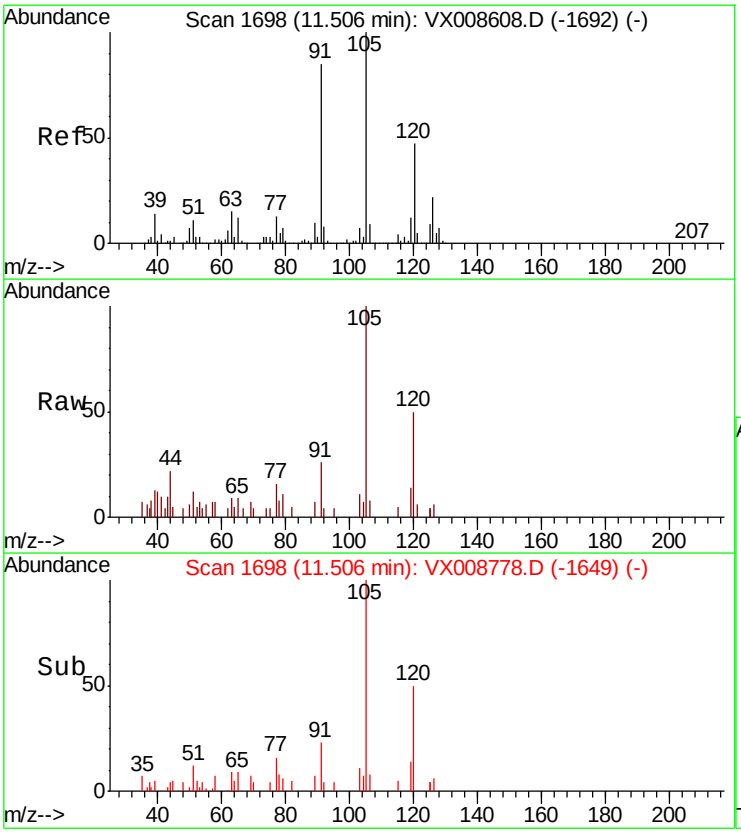
#79
2-Chlorotoluene
Concen: 1.055 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VX008778.D
Acq: 09 Apr 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 91 Resp: 7400

Ion	Ratio	Lower	Upper
91	100		
126	31.1	16.1	48.3

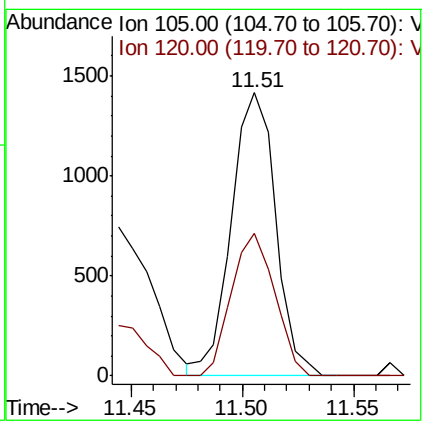


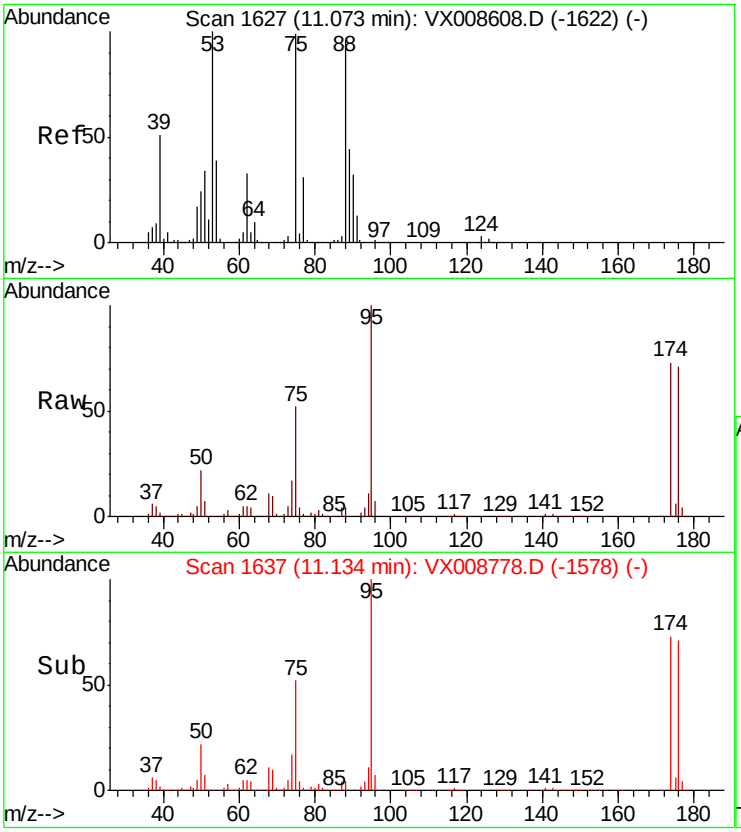


#80
1,3,5-Trimethylbenzene
Concen: 0.236 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX008778.D
Acq: 09 Apr 2019 18:09

Tgt Ion:105 Resp: 1970

Ion	Ratio	Lower	Upper
105	100		
120	49.1	23.5	70.6



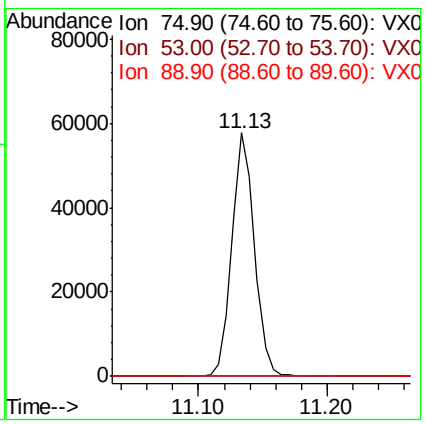


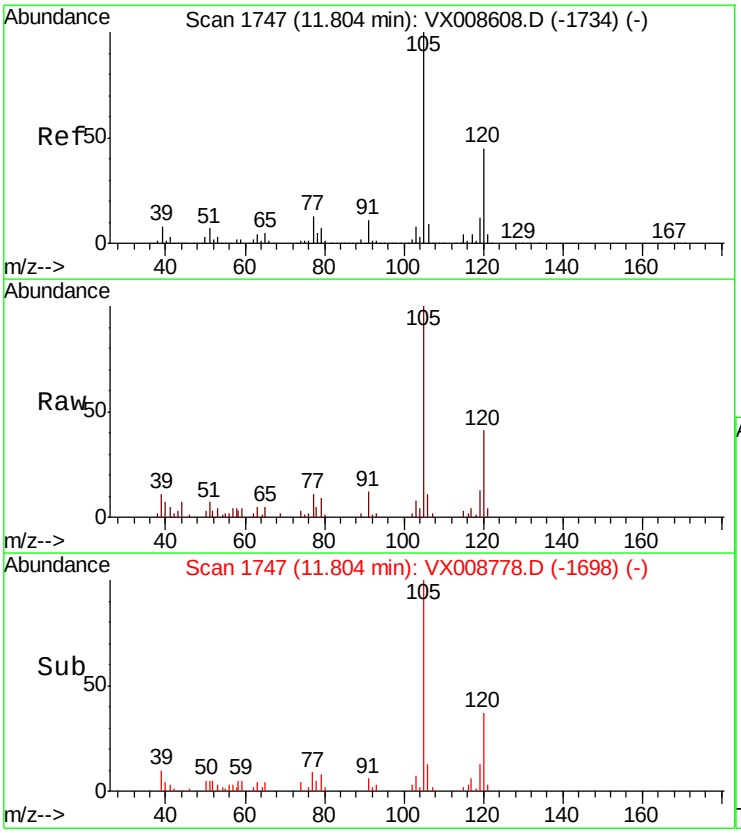
#81
trans-1,4-Dichloro-2-butene
Concen: 59.208 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX008778.D
Acq: 09 Apr 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 70882

Ion	Ratio	Lower	Upper
75	100		
53	0.2	81.3	121.9#
89	0.0	35.6	53.4#

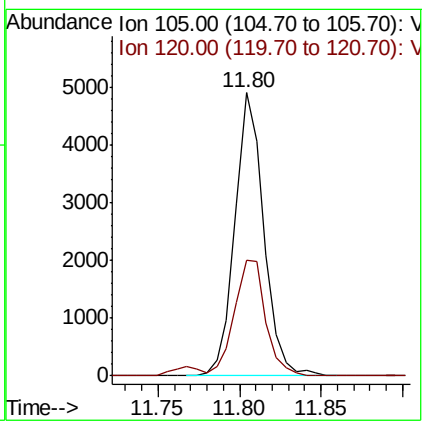


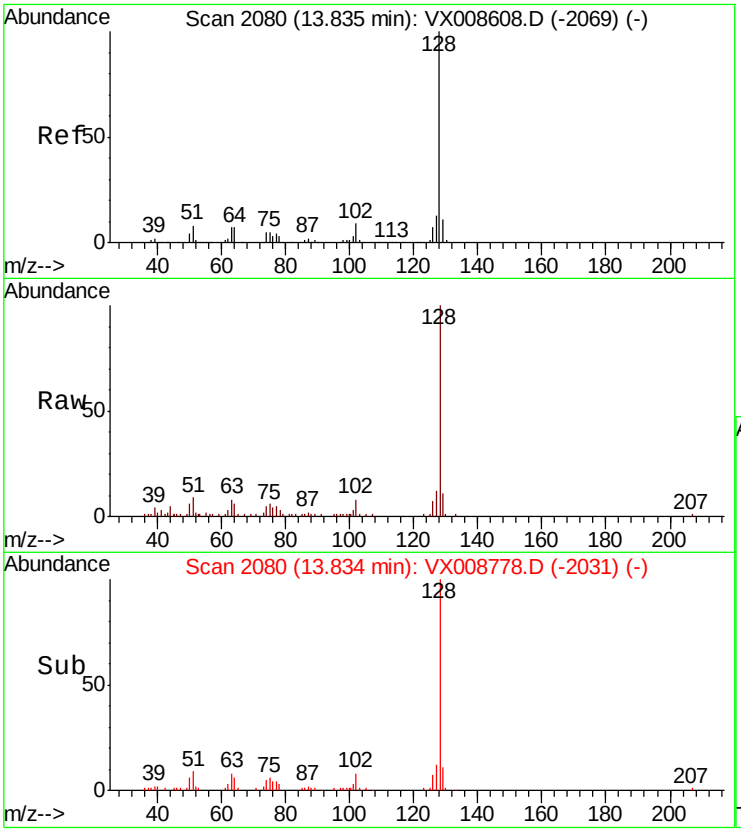


#84
1,2,4-Trimethylbenzene
Concen: 0.711 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX008778.D
Acq: 09 Apr 2019 18:09

Tgt Ion:105 Resp: 6015

Ion	Ratio	Lower	Upper
105	100		
120	44.6	21.8	65.3





#95
Naphthalene
Concen: 1.135 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008778.D
Acq: 09 Apr 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 11222

Ion	Ratio	Lower	Upper
128	100		
127	14.3	10.4	15.6
129	13.9	8.6	13.0#