Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX032619\
Data File : VX008462.D
Acq On : 26 Mar 2019 18:21
Operator : JC/SP
Sample : K2088-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-104

Quant Time: Mar 27 01:53:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 26 07:57:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	242384	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	407886	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	351523	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	148564	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	171473	46.66	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.32%			
35) Dibromofluoromethane	5.50	113	124345	46.75	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.50%			
50) Toluene-d8	8.71	98	509646	47.92	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.84%			
62) 4-Bromofluorobenzene	11.13	95	176486	44.78	ug/l	0.00
Spiked Amount 50.000			Recovery = 89.56%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	509	Below Cal	#	74
5) Bromomethane	1.65	94	392	1.988	ug/l #	63
6) Chloroethane	1.62	64	9115	3.857	ug/l #	57
10) Methyl Iodide	2.52	142	234	4.210	ug/l #	86
11) Tert butyl alcohol	3.03	59	1615	1.984	ug/l	96
13) Acrolein	2.29	56	600	1.015	ug/l #	1
16) Acetone	2.44	43	18140	9.445	ug/l	94
17) Carbon Disulfide	2.57	76	1326	Below Cal	#	84
20) Methylene Chloride	2.85	84	785	Below Cal	#	87
21) trans-1,2-Dichloroethene	3.18	96	38	Below Cal	#	45
25) 2-Butanone	4.68	43	5318	1.727	ug/l	96
36) 1,1-Dichloropropene	5.66	75	20429	4.697	ug/l #	50
38) Carbon Tetrachloride	5.66	117	23978	6.607	ug/l #	17
40) Benzene	6.14	78	3558	0.273	ug/l #	76
49) 1,4-Dioxane	7.77	88	44	0.491	ug/l #	58
51) 4-Methyl-2-Pentanone	8.64	43	8175	1.397	ug/l	99
52) Toluene	8.78	92	16197	2.081	ug/l	97
67) Ethyl Benzene	10.25	91	3222	0.223	ug/l	97
68) m/p-Xylenes	10.35	106	6009	1.145	ug/l	96
69) o-Xylene	10.69	106	2951	0.579	ug/l	91
76) 1,2,3-Trichloropropane	11.13	75	89426	20.247	ug/l #	34
80) 1,3,5-Trimethylbenzene	11.51	105	2926	0.286	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.13	75	89426	64.849	ug/l #	9
84) 1,2,4-Trimethylbenzene	11.80	105	5158	0.499	ug/l	99
95) Naphthalene	13.83	128	2703	0.223	ug/l #	87

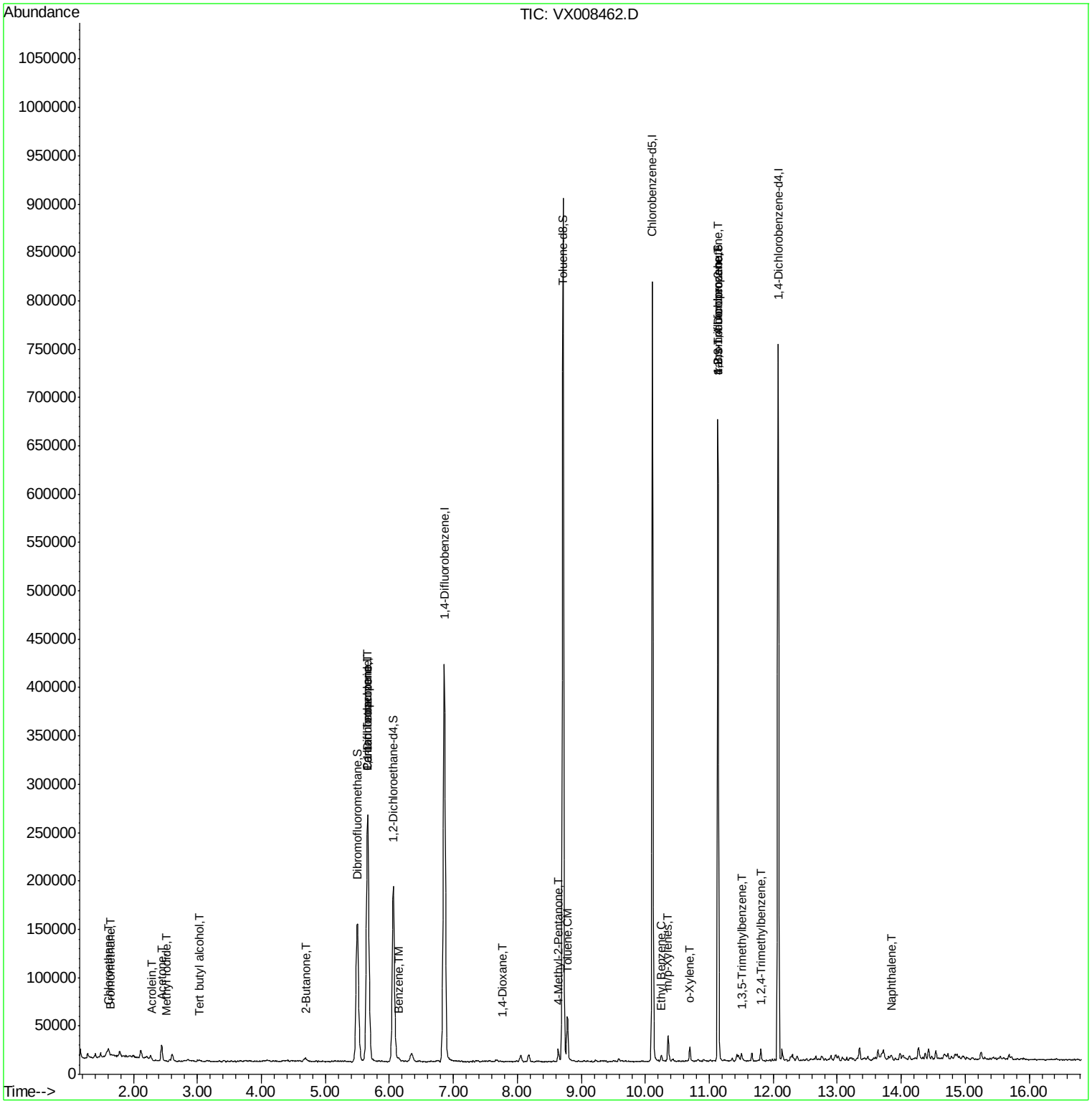
(#) = qualifier out of range (m) = manual integration (+) = signals summed

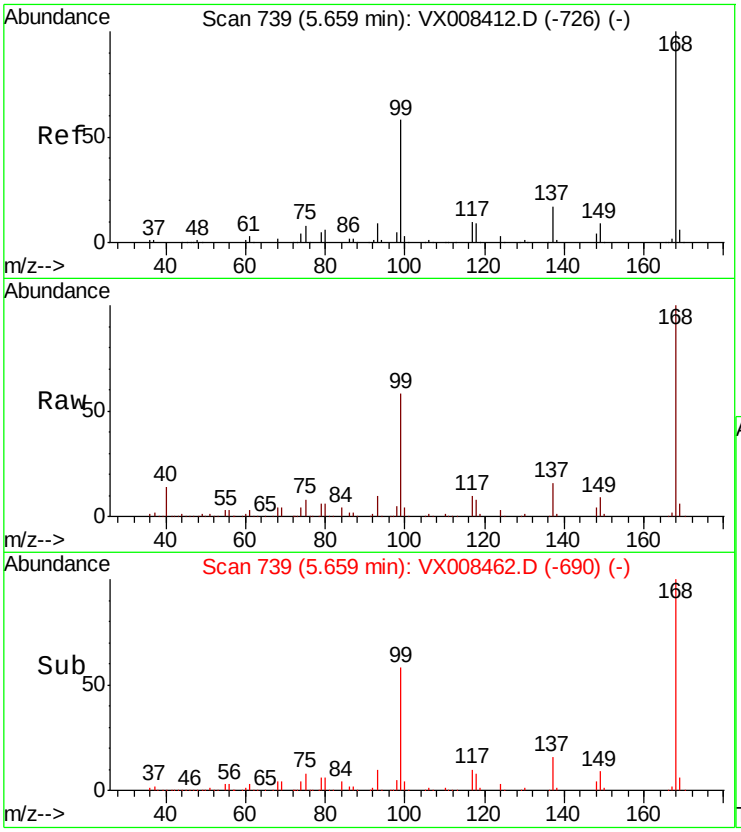
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX032619\
Data File : VX008462.D
Acq On : 26 Mar 2019 18:21
Operator : JC/SP
Sample : K2088-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-104

Quant Time: Mar 27 01:53:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 26 07:57:20 2019
Response via : Initial Calibration



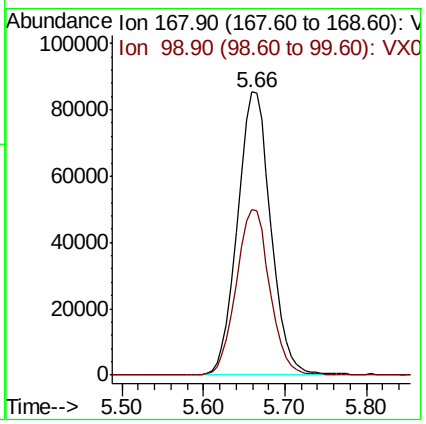


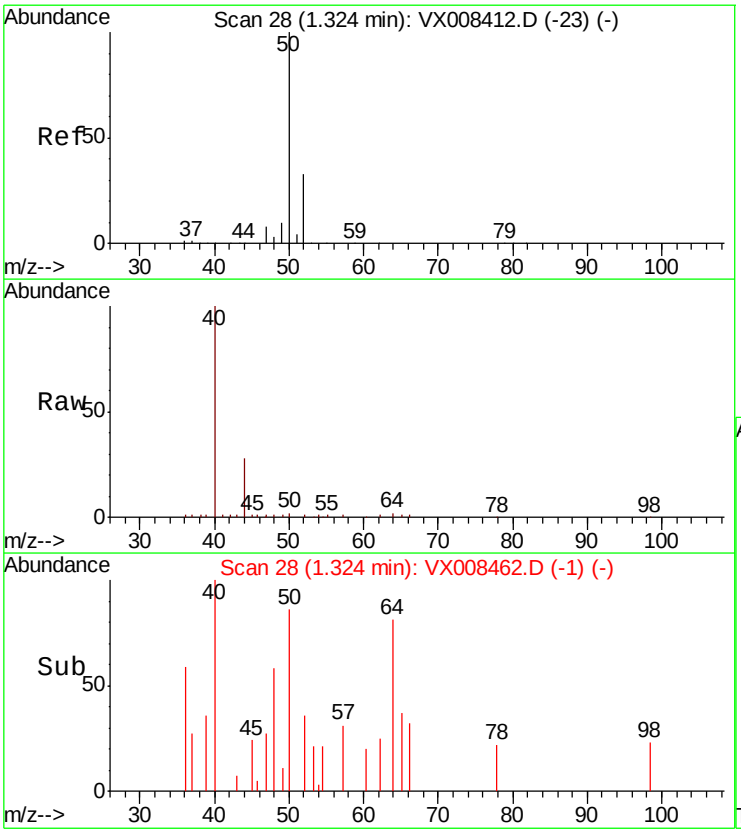
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.00 min
Lab File: VX008462.D
Acq: 26 Mar 2019 18:21

Instrument :
MSVOA_X
ClientSampleId :
MW-104

Tgt Ion:168 Resp: 242384

Ion	Ratio	Lower	Upper
168	100		
99	58.4	46.0	69.0

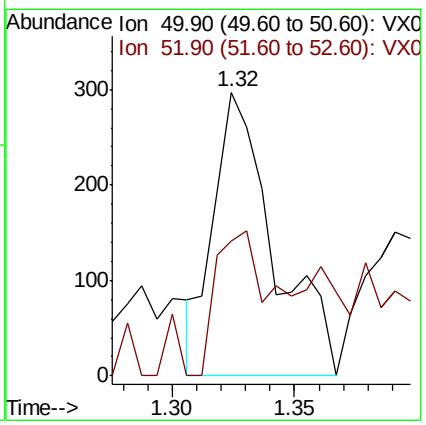


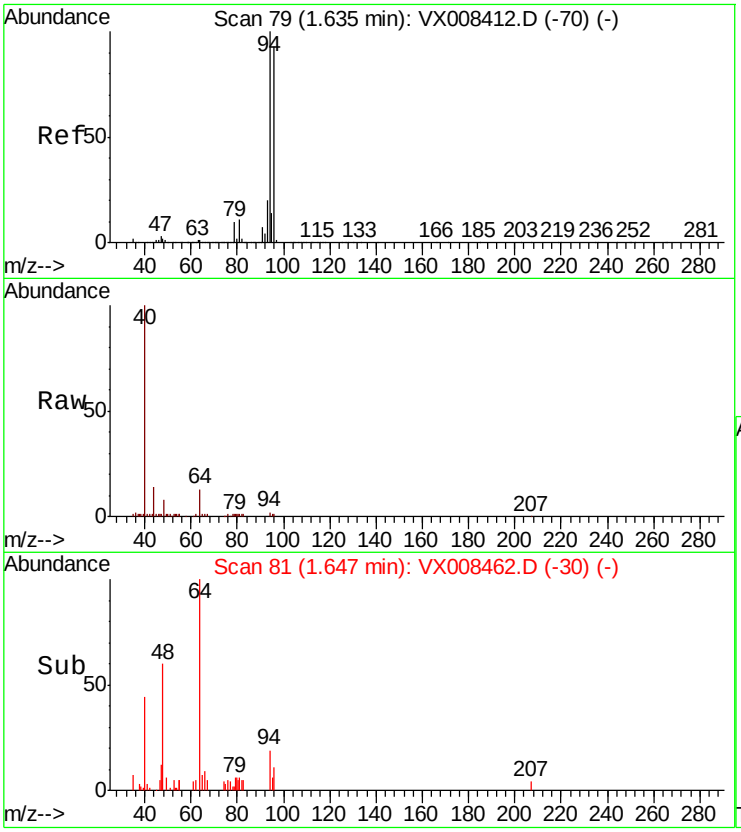


#3
Chloromethane
Concen: Below Cal
RT: 1.32 min Scan# 28
Delta R.T. 0.00 min
Lab File: VX008462.D
Acq: 26 Mar 2019 18:21

Tgt Ion: 50 Resp: 509

Ion	Ratio	Lower	Upper
50	100		
52	47.5	26.2	39.2#



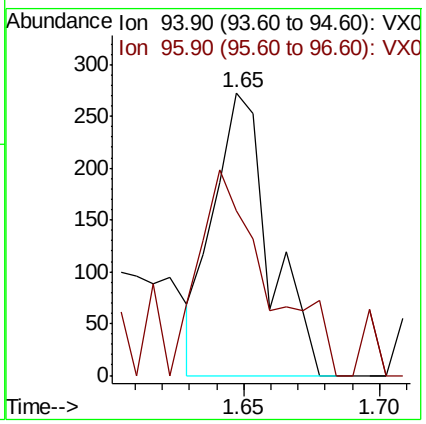


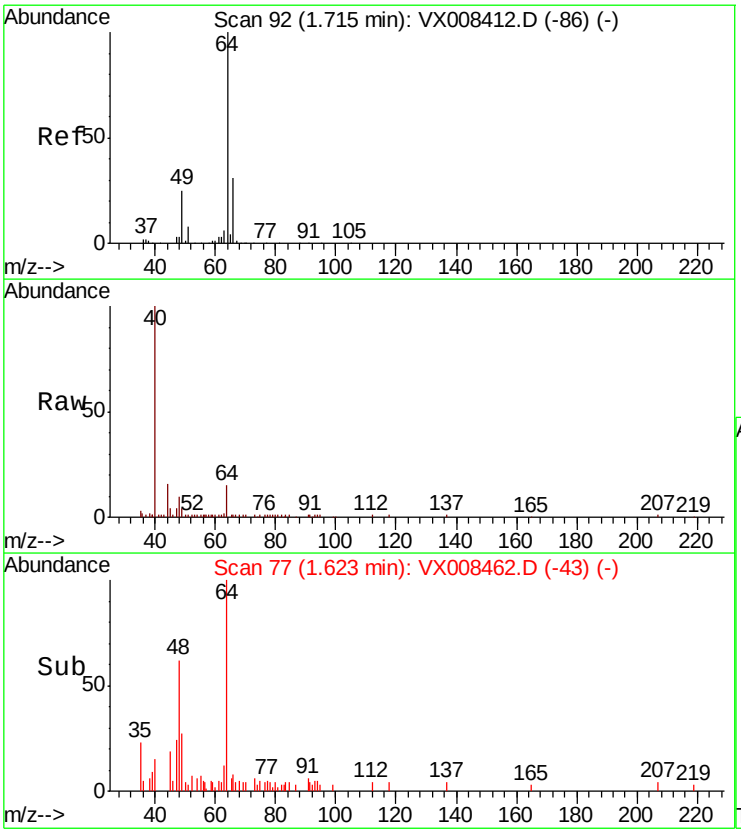
#5
Bromomethane
Concen: 1.988 ug/l
RT: 1.65 min Scan# 81
Delta R.T. 0.01 min
Lab File: VX008462.D
Acq: 26 Mar 2019 18:21

Instrument :
MSVOA_X
ClientSampleId :
MW-104

Tgt Ion: 94 Resp: 392

Ion	Ratio	Lower	Upper
94	100		
96	58.2	74.8	112.2#

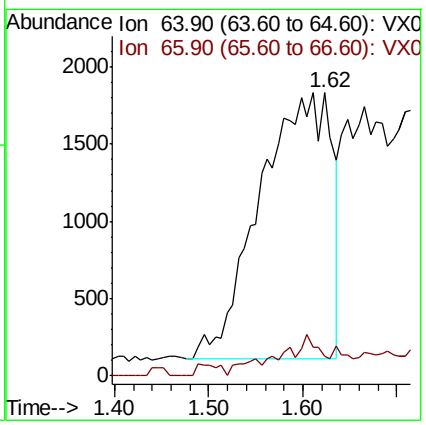


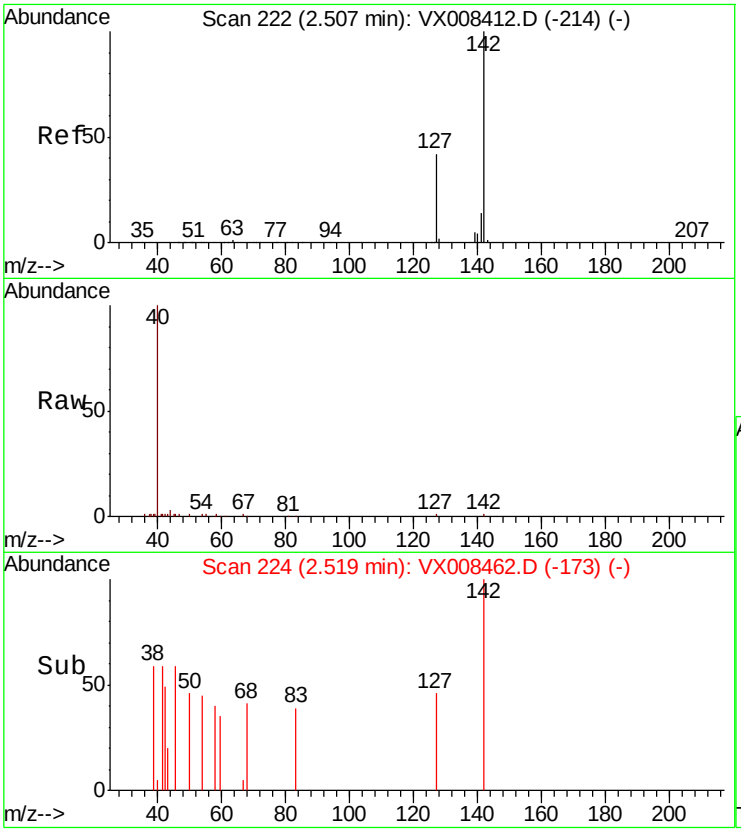


#6
Chloroethane
Concen: 3.857 ug/l
RT: 1.62 min Scan# 77
Delta R.T. -0.09 min
Lab File: VX008462.D
Acq: 26 Mar 2019 18:21

Tgt Ion: 64 Resp: 9115

Ion	Ratio	Lower	Upper
64	100		
66	7.6	25.1	37.7#



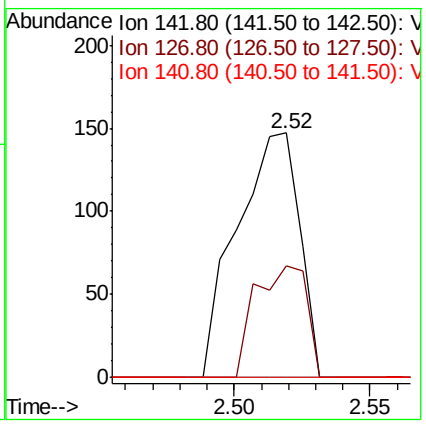


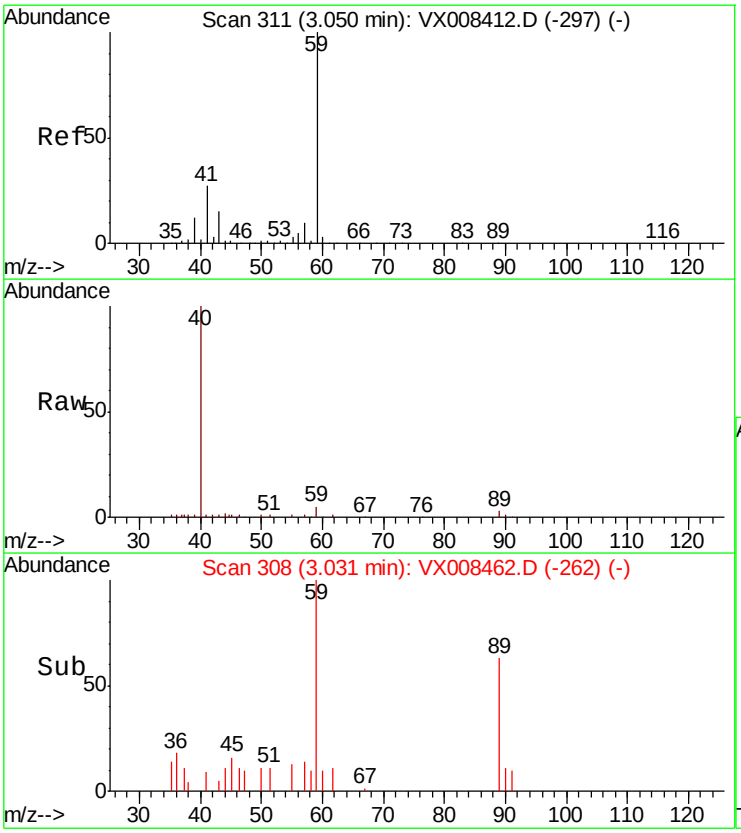
#10
Methyl Iodide
Concen: 4.210 ug/l
RT: 2.52 min Scan# 224
Delta R.T. 0.01 min
Lab File: VX008462.D
Acq: 26 Mar 2019 18:21

Instrument :
MSVOA_X
ClientSampleId :
MW-104

Tgt Ion:142 Resp: 234

Ion	Ratio	Lower	Upper
142	100		
127	37.2	33.6	50.4
141	0.0	11.3	16.9#

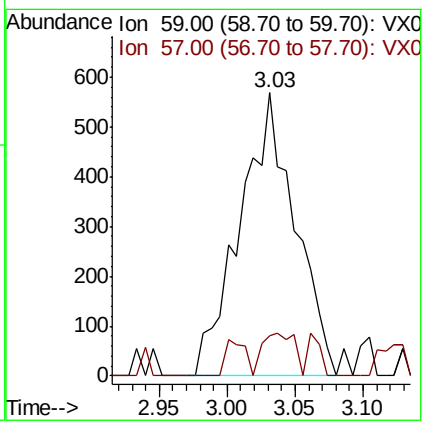


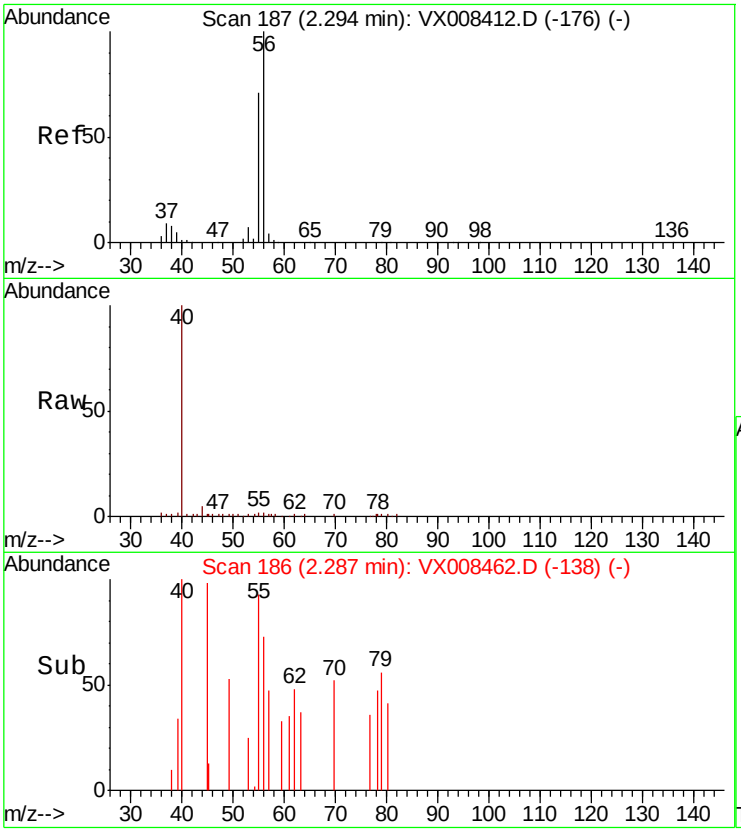


#11
Tert butyl alcohol
Concen: 1.984 ug/l
RT: 3.03 min Scan# 308
Delta R.T. -0.02 min
Lab File: VX008462.D
Acq: 26 Mar 2019 18:21

Tgt Ion: 59 Resp: 1615

Ion	Ratio	Lower	Upper
59	100		
57	8.9	8.2	12.4



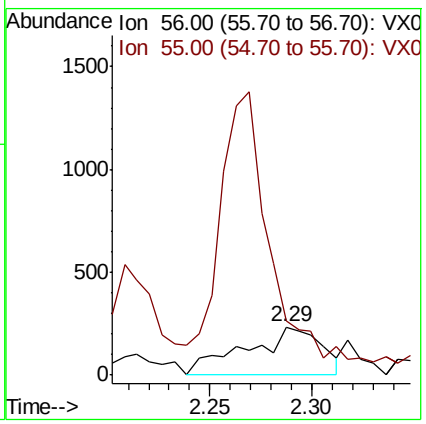


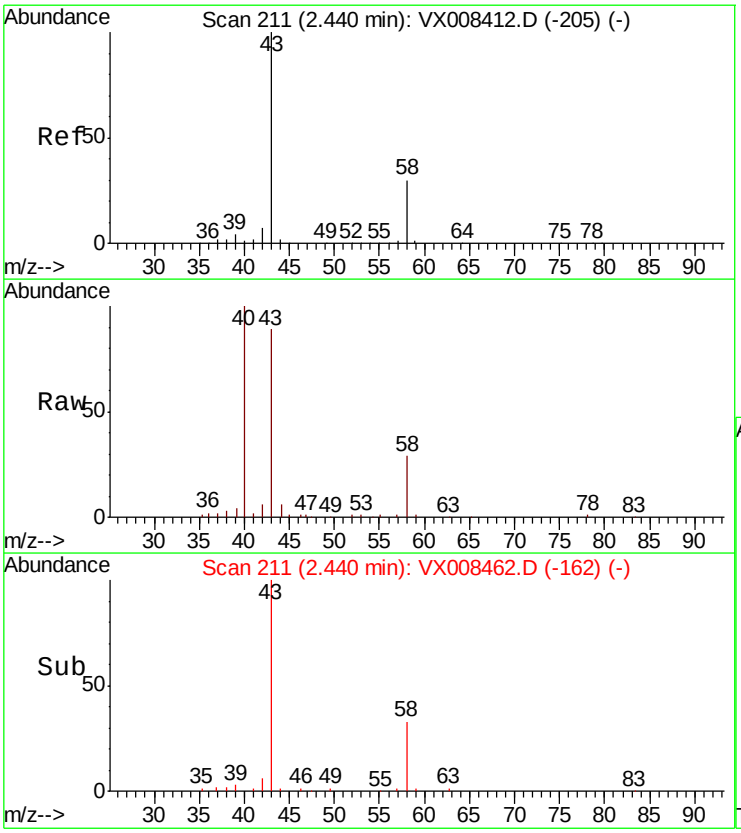
#13
Acrolein
Concen: 1.015 ug/l
RT: 2.29 min Scan# 186
Delta R.T. -0.01 min
Lab File: VX008462.D
Acq: 26 Mar 2019 18:21

Instrument :
MSVOA_X
ClientSampleId :
MW-104

Tgt Ion: 56 Resp: 600

Ion	Ratio	Lower	Upper
56	100		
55	386.7	56.5	84.7#

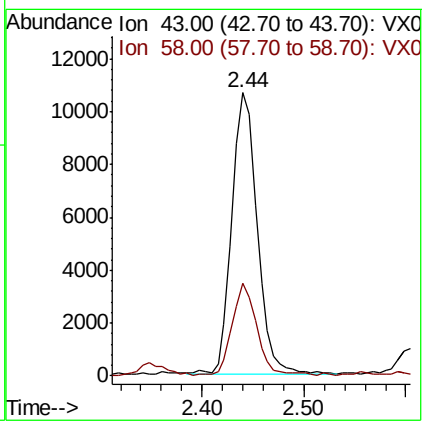


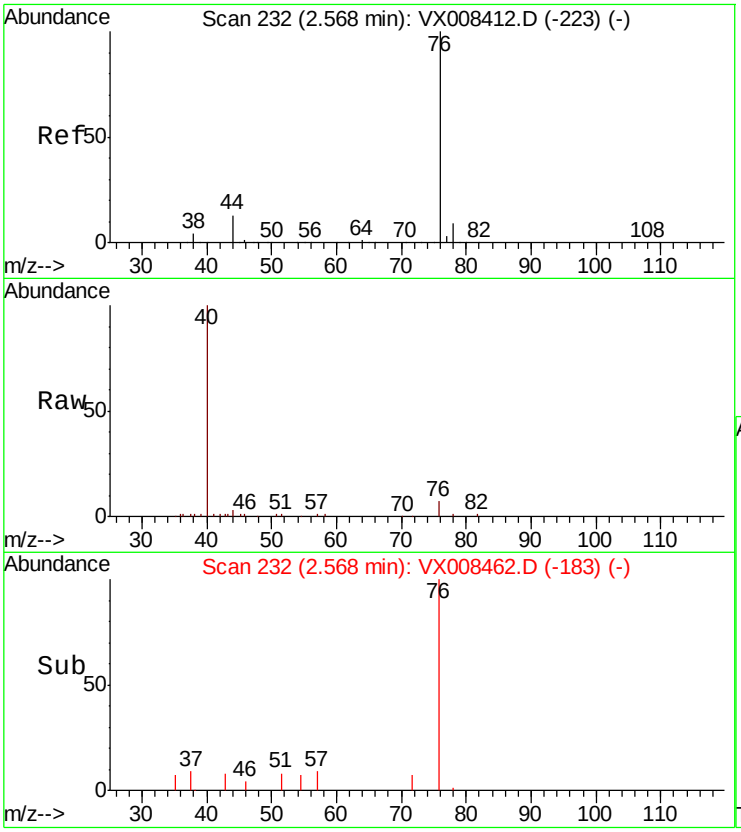


#16
Acetone
Concen: 9.445 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.00 min
Lab File: VX008462.D
Acq: 26 Mar 2019 18:21

Tgt Ion: 43 Resp: 18140

Ion	Ratio	Lower	Upper
43	100		
58	33.2	24.2	36.2



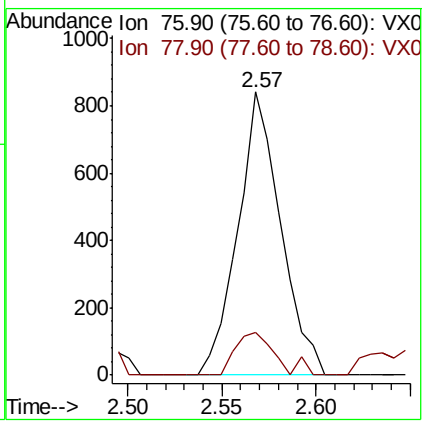


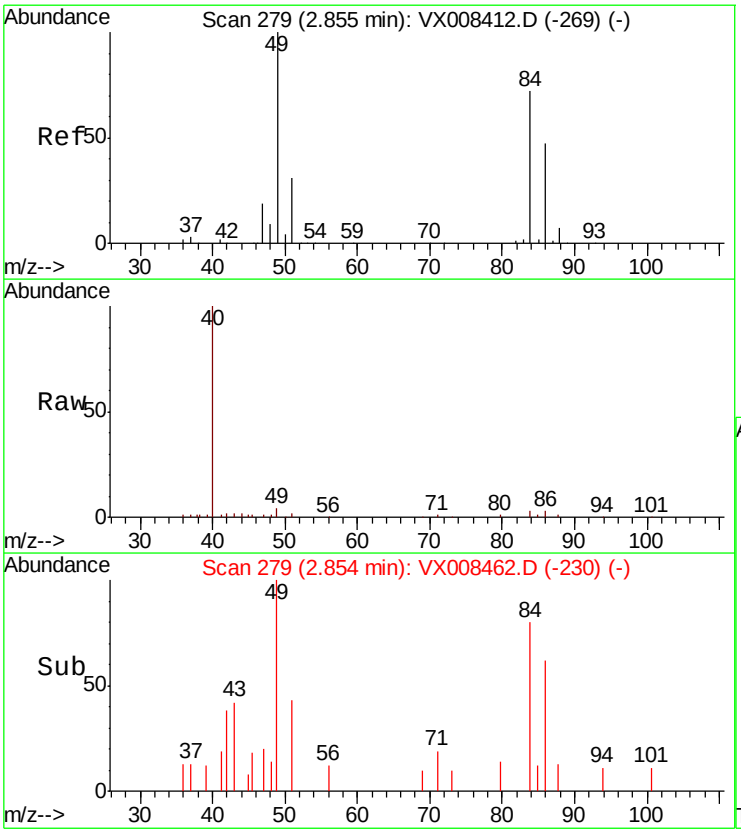
#17
Carbon Disulfide
Concen: Below Cal
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX008462.D
Acq: 26 Mar 2019 18:21

Instrument :
MSVOA_X
ClientSampleId :
MW-104

Tgt Ion: 76 Resp: 1326

Ion	Ratio	Lower	Upper
76	100		
78	15.0	7.4	11.2#

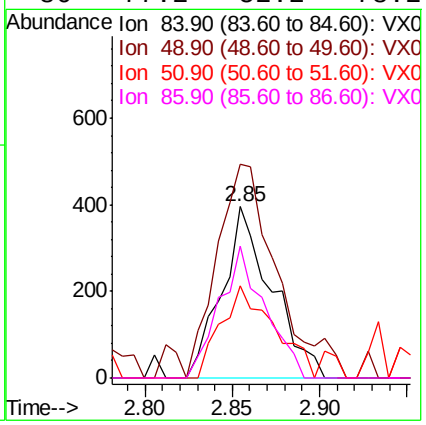


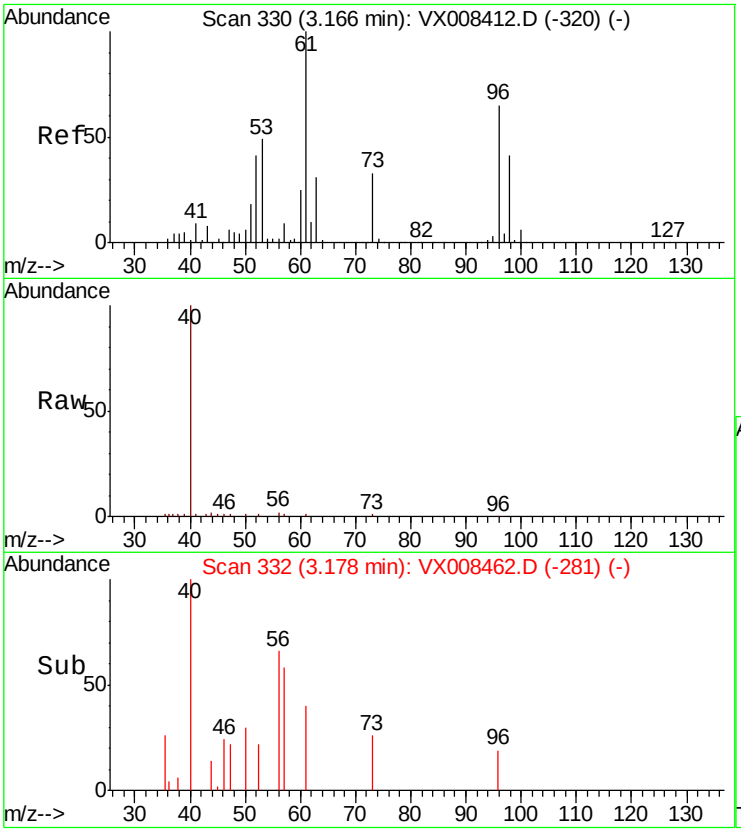


#20
Methylene Chloride
Concen: Below Cal
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX008462.D
Acq: 26 Mar 2019 18:21

Tgt Ion: 84 Resp: 785

Ion	Ratio	Lower	Upper
84	100		
49	124.8	110.6	165.8
51	54.2	33.9	50.9#
86	77.2	52.2	78.2



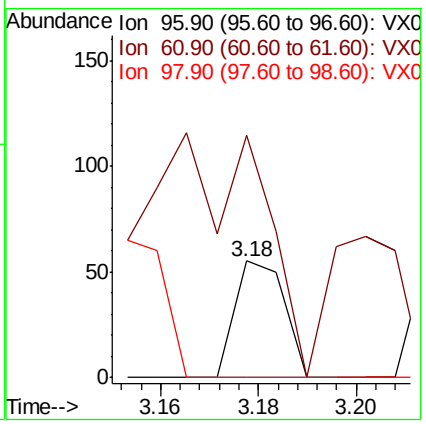


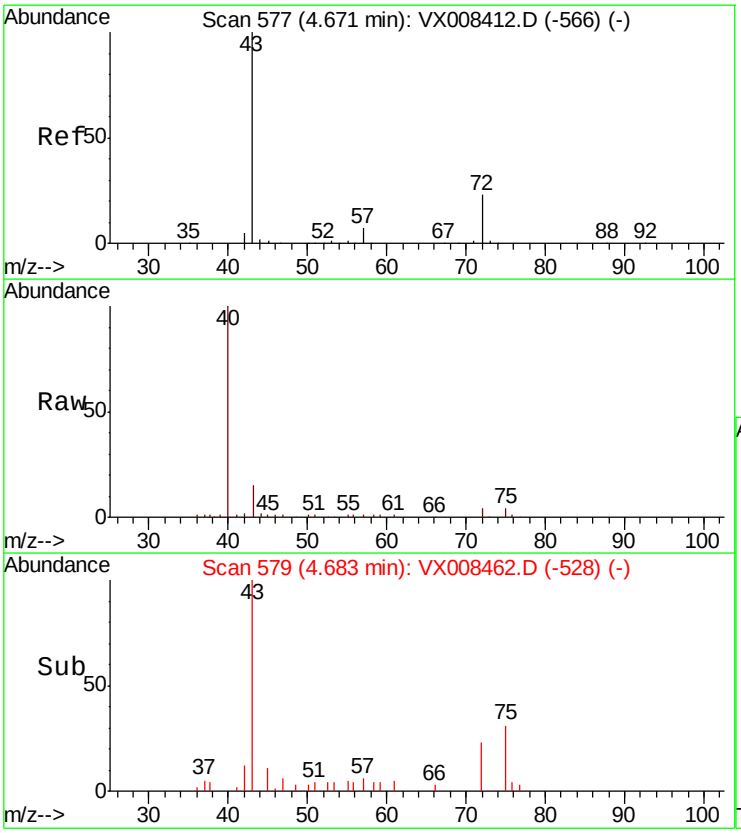
#21
trans-1,2-Dichloroethene
Concen: Below Cal
RT: 3.18 min Scan# 332
Delta R.T. 0.01 min
Lab File: VX008462.D
Acq: 26 Mar 2019 18:21

Instrument :
MSVOA_X
ClientSampleId :
MW-104

Tgt Ion: 96 Resp: 38

Ion	Ratio	Lower	Upper
96	100		
61	96.4	122.6	184.0#
98	0.0	50.9	76.3#

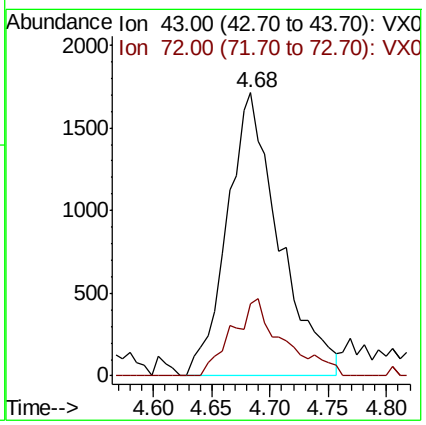


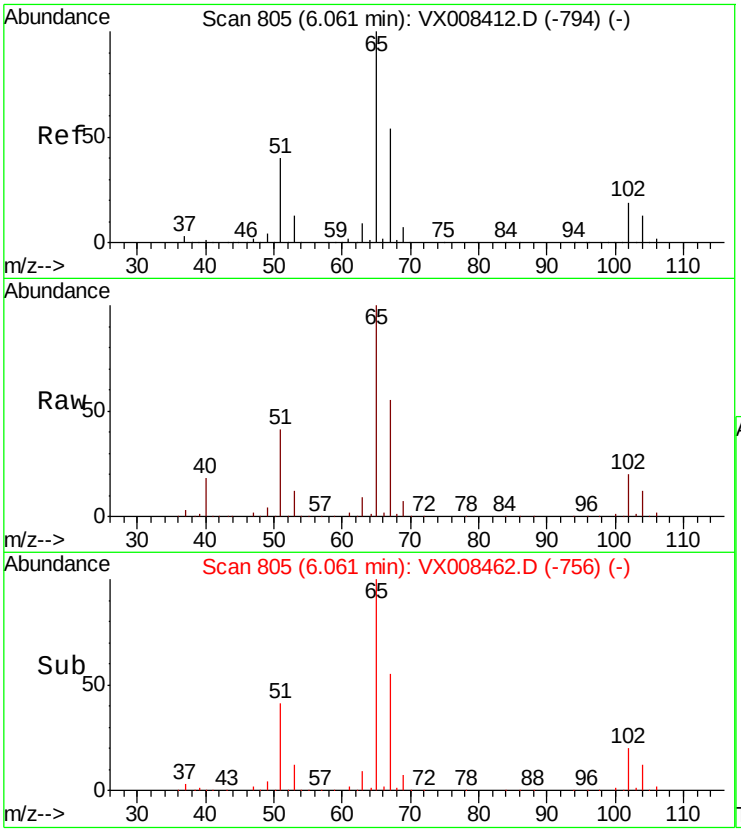


#25
2-Butanone
Concen: 1.727 ug/l
RT: 4.68 min Scan# 579
Delta R.T. 0.01 min
Lab File: VX008462.D
Acq: 26 Mar 2019 18:21

Tgt Ion: 43 Resp: 5318

Ion	Ratio	Lower	Upper
43	100		
72	25.4	18.6	28.0



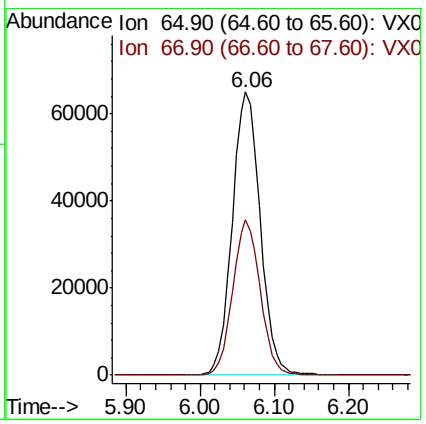


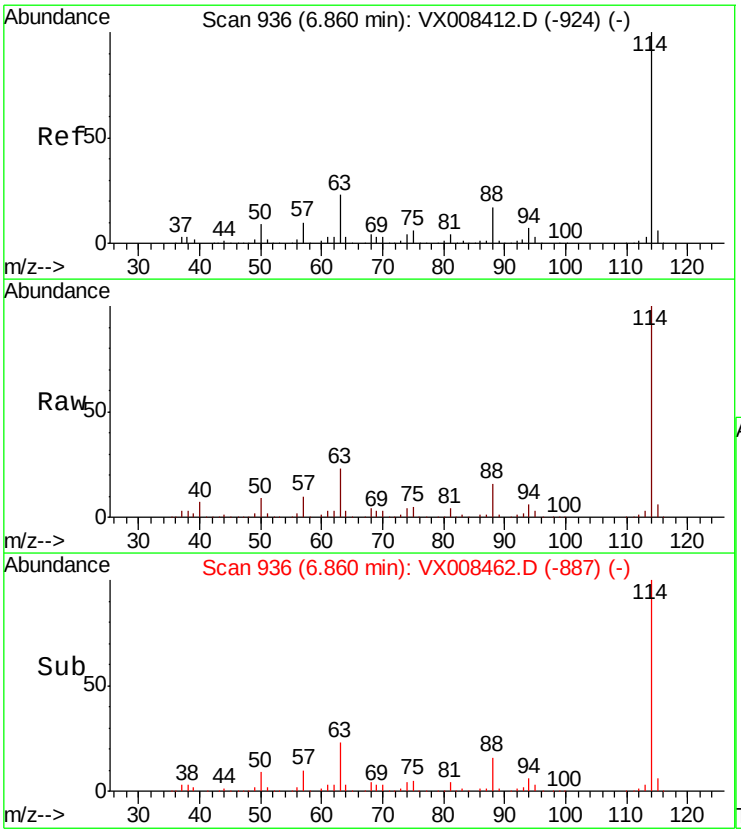
#33
1,2-Dichloroethane-d4
Concen: 46.664 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX008462.D
Acq: 26 Mar 2019 18:21

Instrument :
MSVOA_X
ClientSampleId :
MW-104

Tgt Ion: 65 Resp: 171473

Ion	Ratio	Lower	Upper
65	100		
67	53.9	0.0	109.4

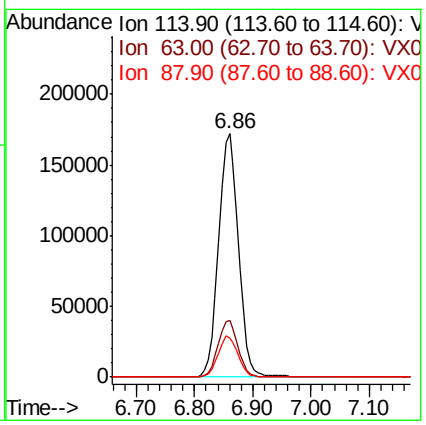


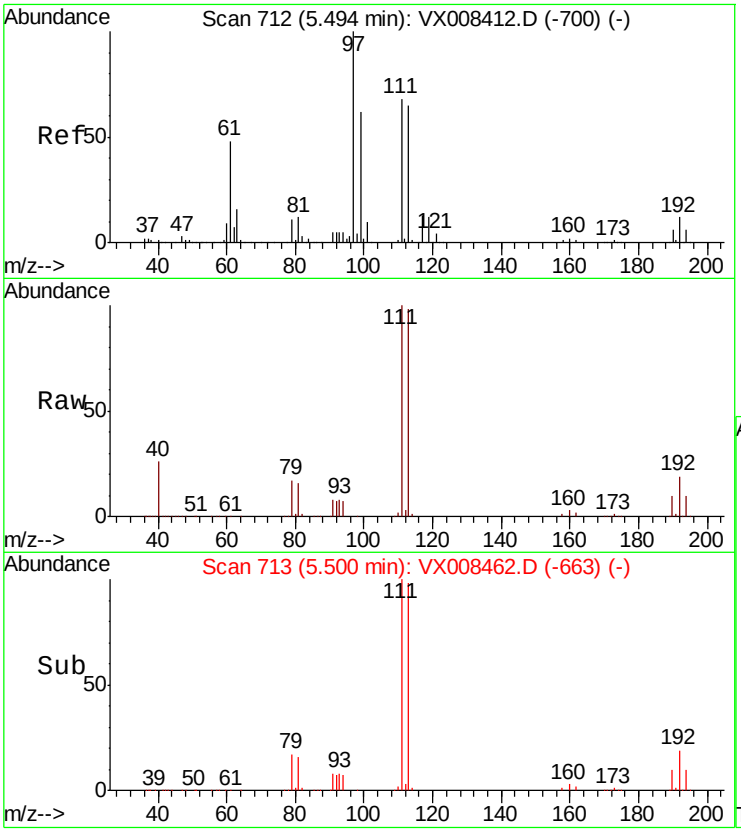


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX008462.D
Acq: 26 Mar 2019 18:21

Tgt Ion:114 Resp: 407886

Ion	Ratio	Lower	Upper
114	100		
63	23.2	0.0	46.4
88	16.2	0.0	33.2



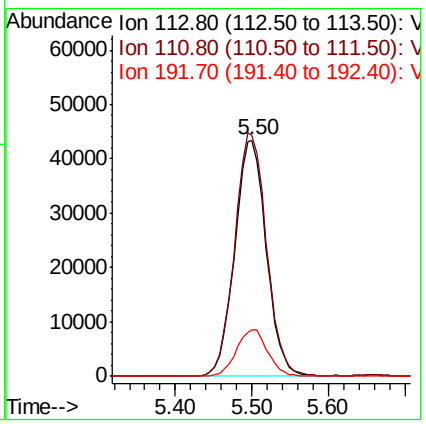


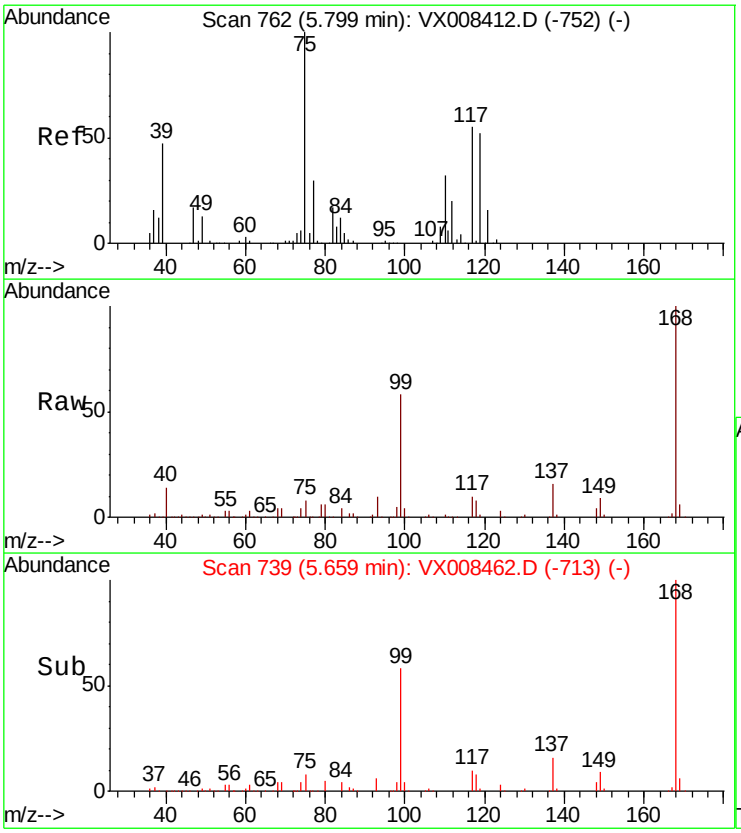
#35
Dibromofluoromethane
Concen: 46.753 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX008462.D
Acq: 26 Mar 2019 18:21

Instrument :
MSVOA_X
ClientSampleId :
MW-104

Tgt Ion:113 Resp: 124345

Ion	Ratio	Lower	Upper
113	100		
111	103.8	83.0	124.4
192	19.6	15.6	23.4

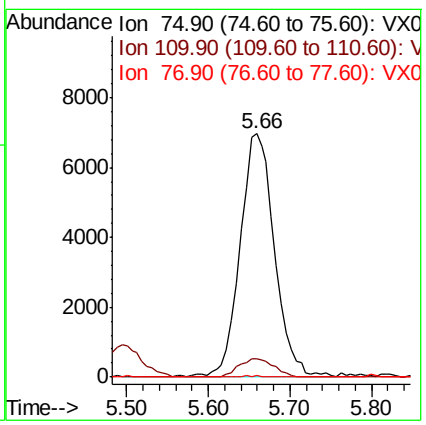


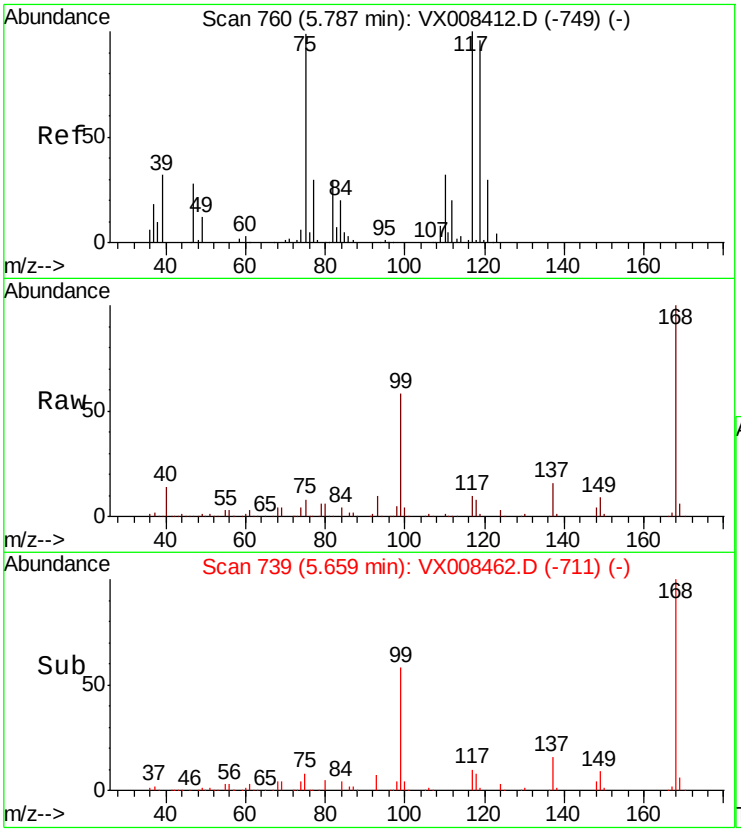


#36
1,1-Dichloropropene
Concen: 4.697 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX008462.D
Acq: 26 Mar 2019 18:21

Tgt Ion: 75 Resp: 20429

Ion	Ratio	Lower	Upper
75	100		
110	7.7	16.6	49.7#
77	0.1	24.2	36.2#



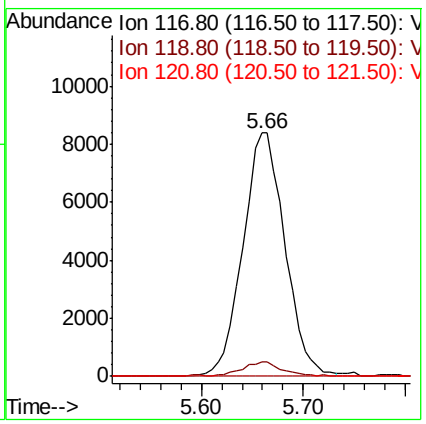


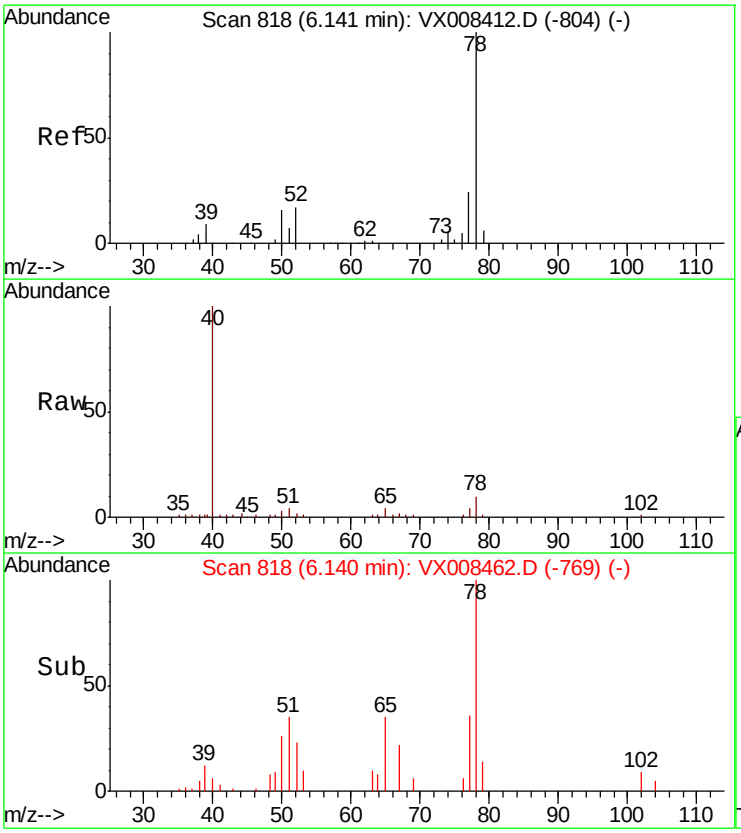
#38
Carbon Tetrachloride
Concen: 6.607 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.13 min
Lab File: VX008462.D
Acq: 26 Mar 2019 18:21

Instrument : MSVOA_X
ClientSampleId : MW-104

Tgt Ion:117 Resp: 23978

Ion	Ratio	Lower	Upper
117	100		
119	6.0	76.7	115.1#
121	0.0	24.3	36.5#

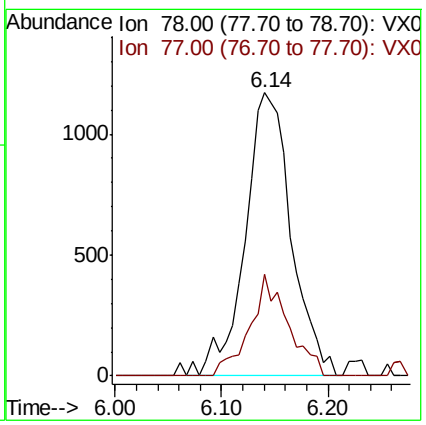


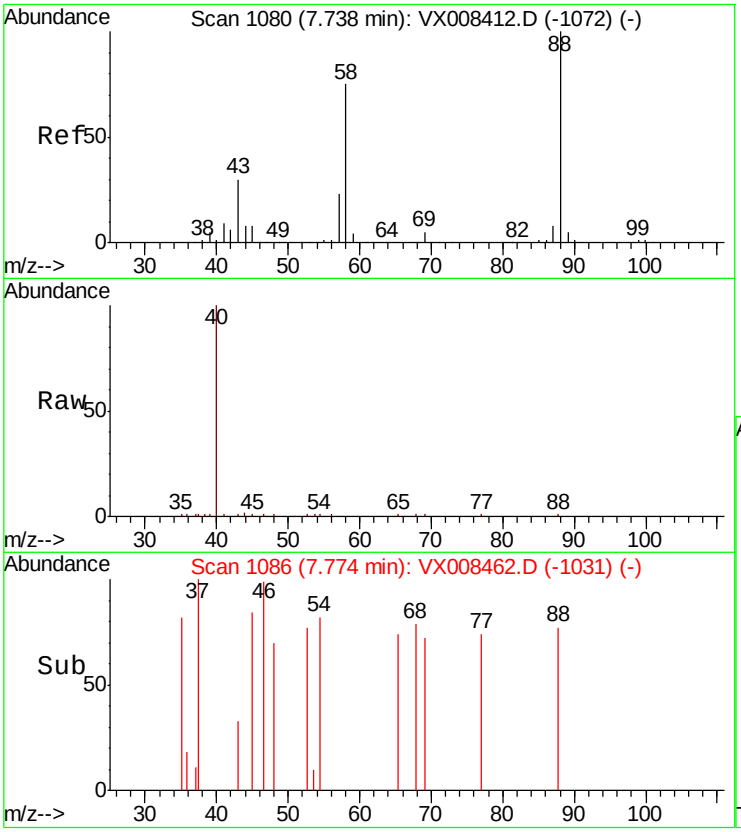


#40
Benzene
Concen: 0.273 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX008462.D
Acq: 26 Mar 2019 18:21

Tgt Ion: 78 Resp: 3558

Ion	Ratio	Lower	Upper
78	100		
77	36.1	19.3	28.9#



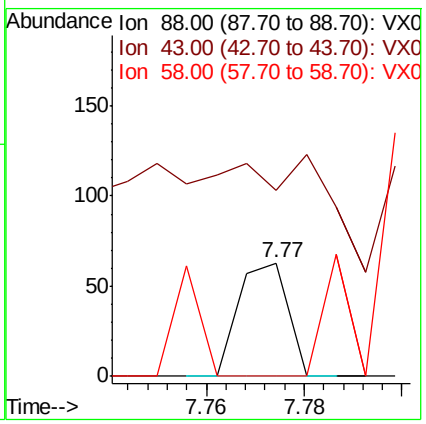


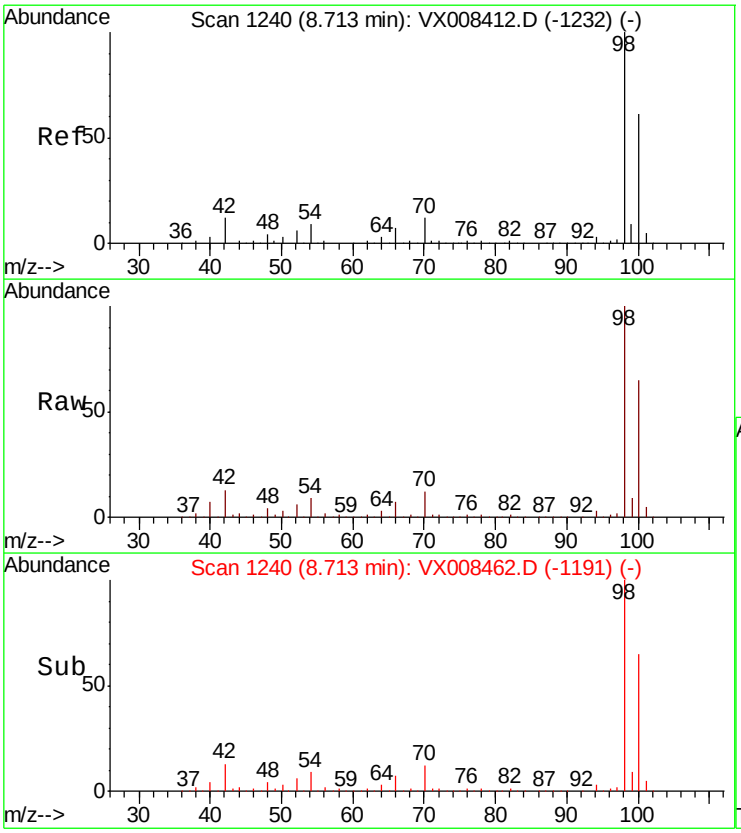
#49
1,4-Dioxane
Concen: 0.491 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. 0.04 min
Lab File: VX008462.D
Acq: 26 Mar 2019 18:21

Instrument :
MSVOA_X
ClientSampleId :
MW-104

Tgt Ion: 88 Resp: 44

Ion	Ratio	Lower	Upper
88	100		
43	0.0	28.6	43.0#
58	50.0	63.0	94.4#

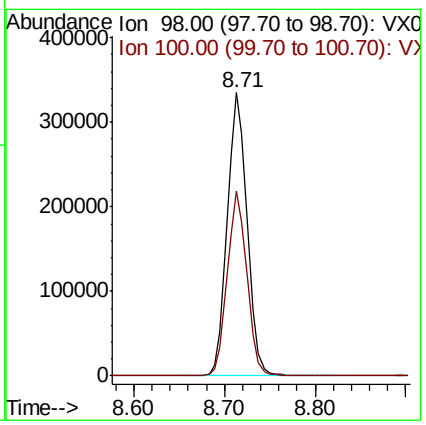


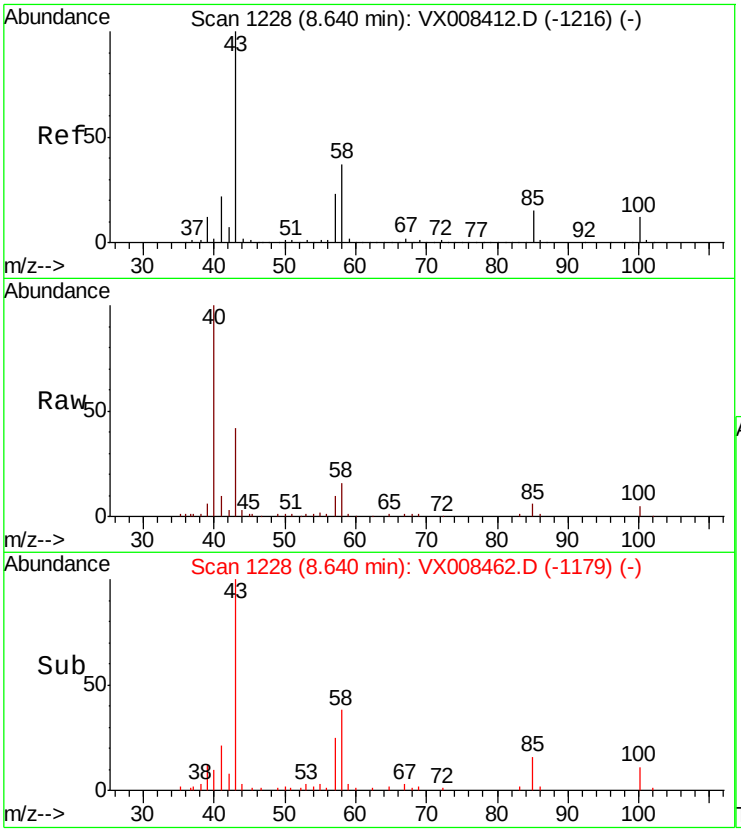


#50
Toluene-d8
Concen: 47.923 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008462.D
Acq: 26 Mar 2019 18:21

Tgt Ion: 98 Resp: 509646

Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.1	76.7



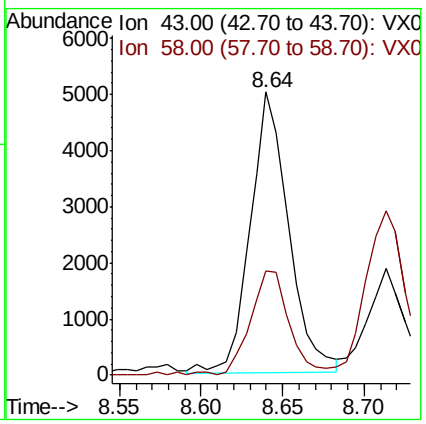


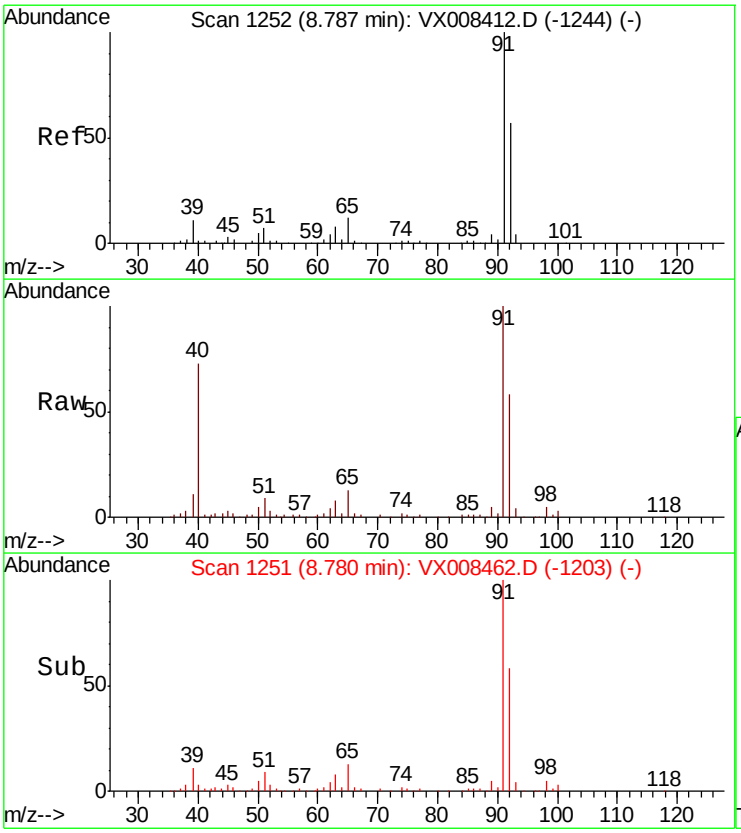
#51
4-Methyl-2-Pentanone
Concen: 1.397 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX008462.D
Acq: 26 Mar 2019 18:21

Instrument :
MSVOA_X
ClientSampleId :
MW-104

Tgt Ion: 43 Resp: 8175

Ion	Ratio	Lower	Upper
43	100		
58	37.7	29.8	44.8

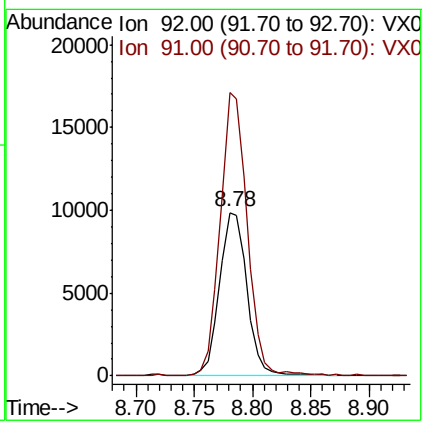


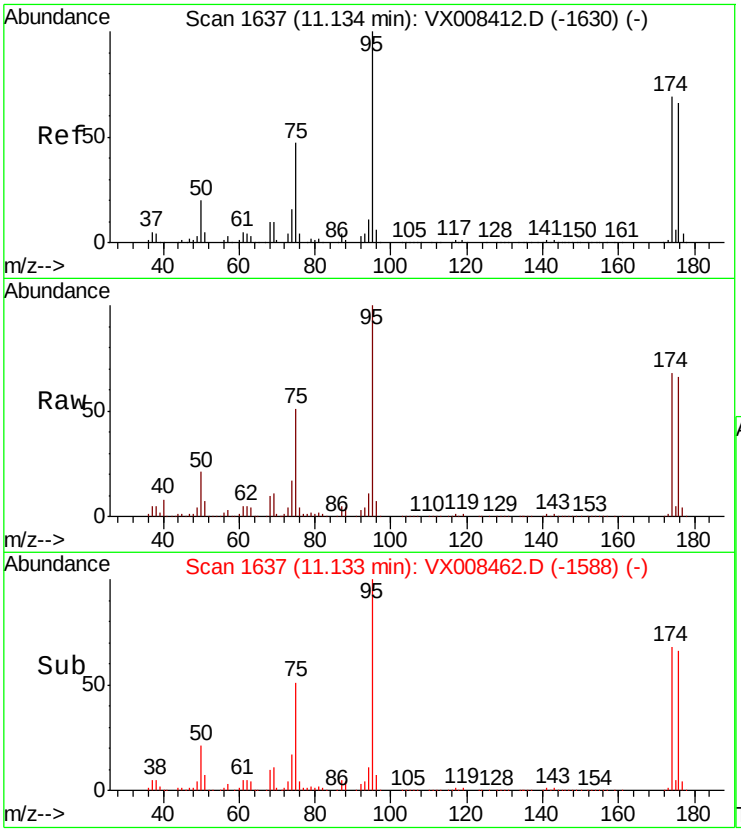


#52
Toluene
Concen: 2.081 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX008462.D
Acq: 26 Mar 2019 18:21

Tgt Ion: 92 Resp: 16197

Ion	Ratio	Lower	Upper
92	100		
91	170.9	140.2	210.4



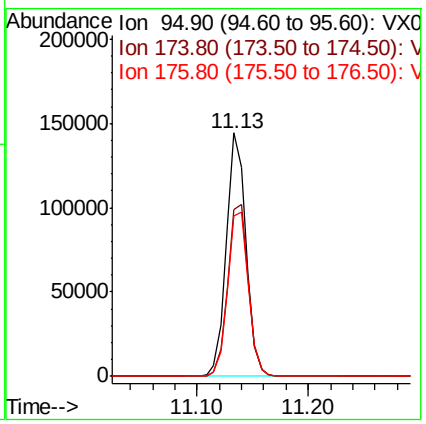


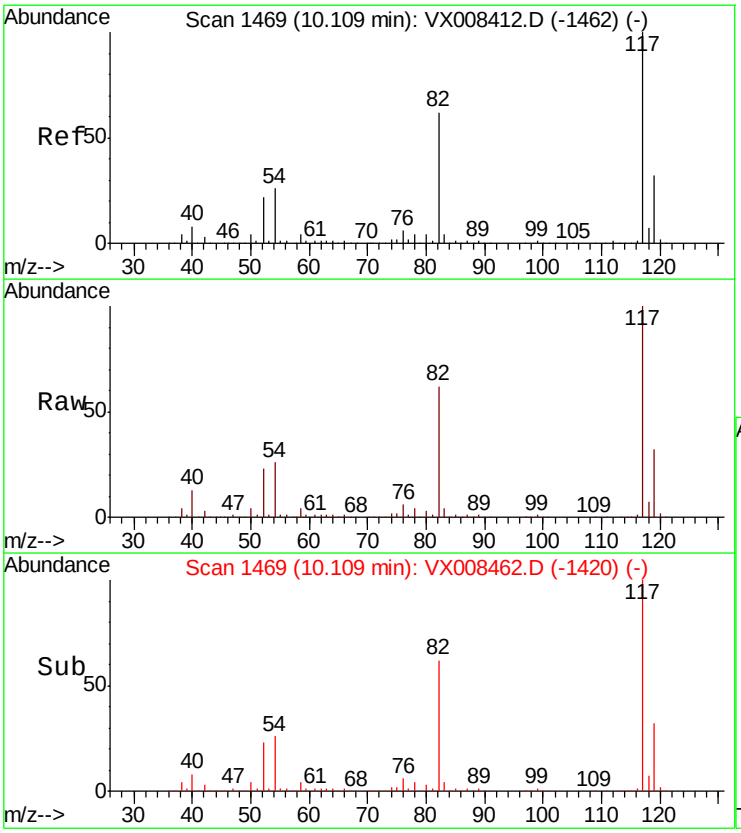
#62
4-Bromofluorobenzene
Concen: 44.784 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008462.D
Acq: 26 Mar 2019 18:21

Instrument :
MSVOA_X
ClientSampleId :
MW-104

Tgt Ion: 95 Resp: 176486

Ion	Ratio	Lower	Upper
95	100		
174	73.9	0.0	147.2
176	71.2	0.0	142.4

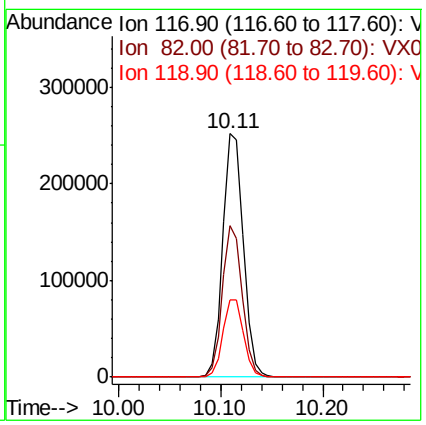


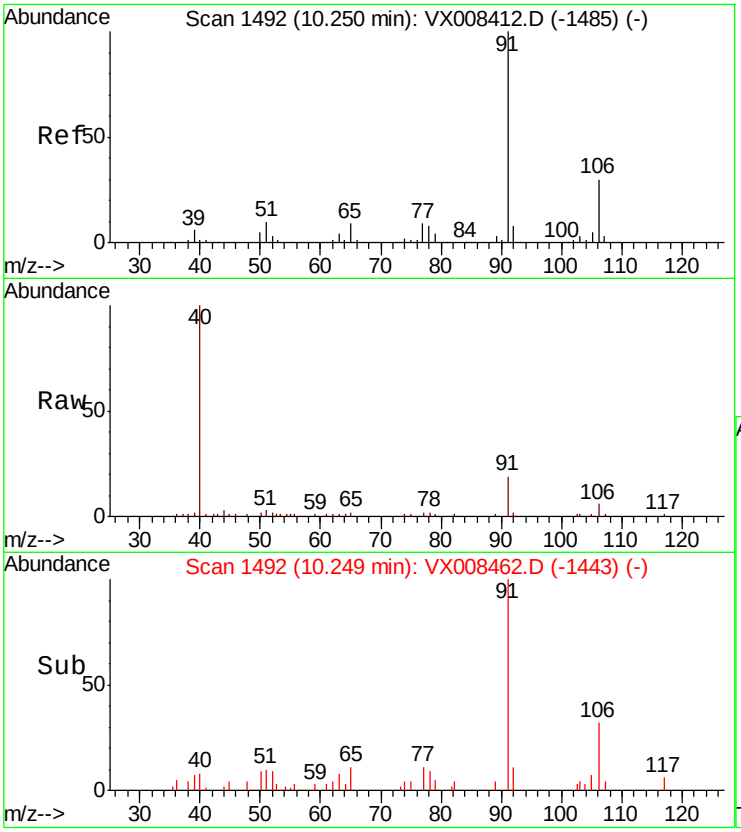


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008462.D
Acq: 26 Mar 2019 18:21

Tgt Ion:117 Resp: 351523

Ion	Ratio	Lower	Upper
117	100		
82	62.2	49.4	74.2
119	32.0	25.4	38.0



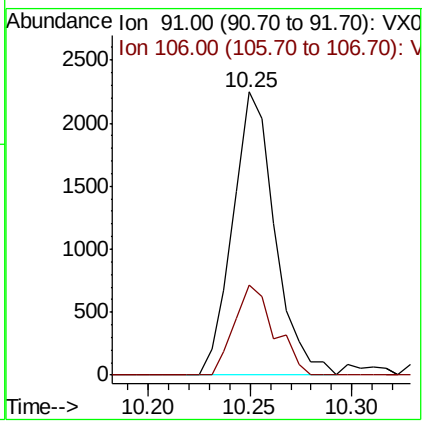


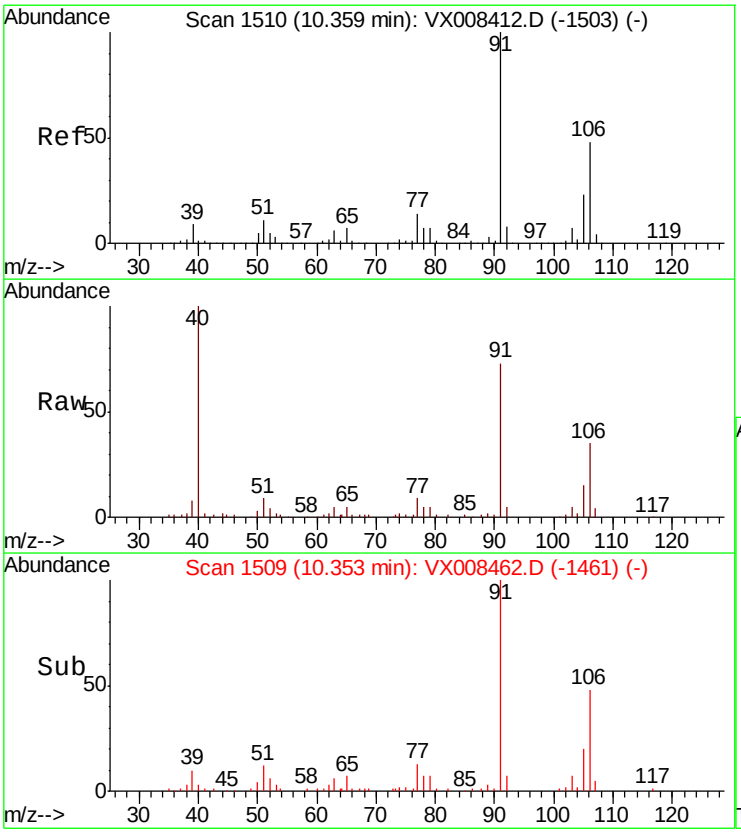
#67
Ethyl Benzene
Concen: 0.223 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX008462.D
Acq: 26 Mar 2019 18:21

Instrument :
MSVOA_X
ClientSampleId :
MW-104

Tgt Ion: 91 Resp: 3222

Ion	Ratio	Lower	Upper
91	100		
106	31.8	24.0	36.0

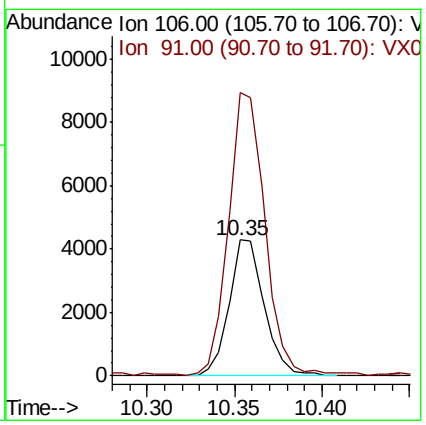


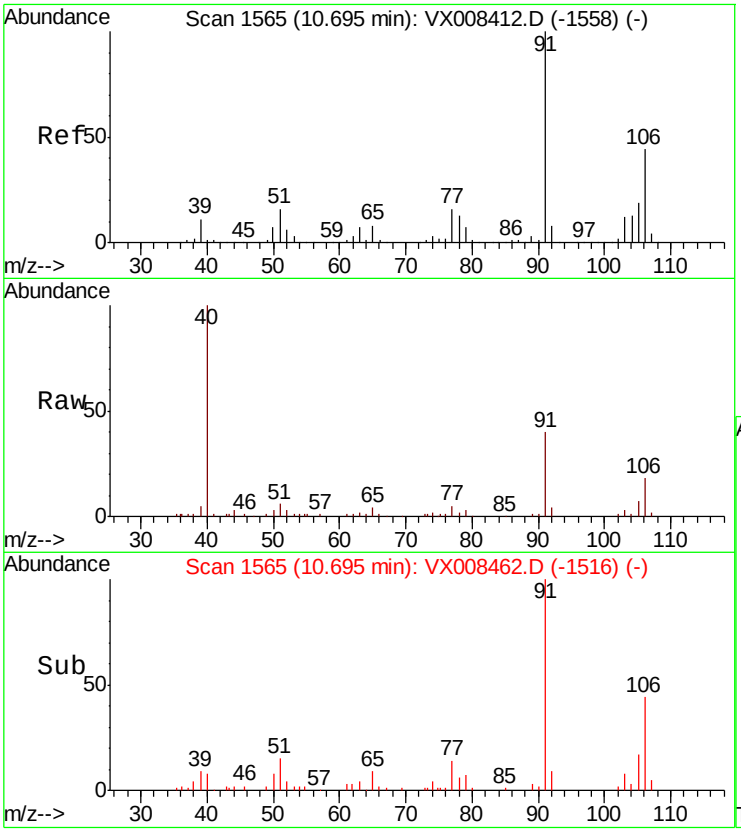


#68
m/p-Xylenes
Concen: 1.145 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX008462.D
Acq: 26 Mar 2019 18:21

Tgt Ion:106 Resp: 6009

Ion	Ratio	Lower	Upper
106	100		
91	217.3	168.6	253.0



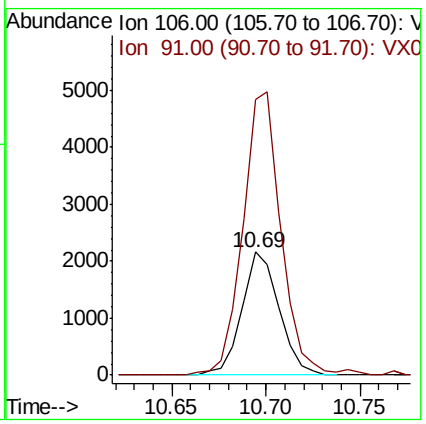


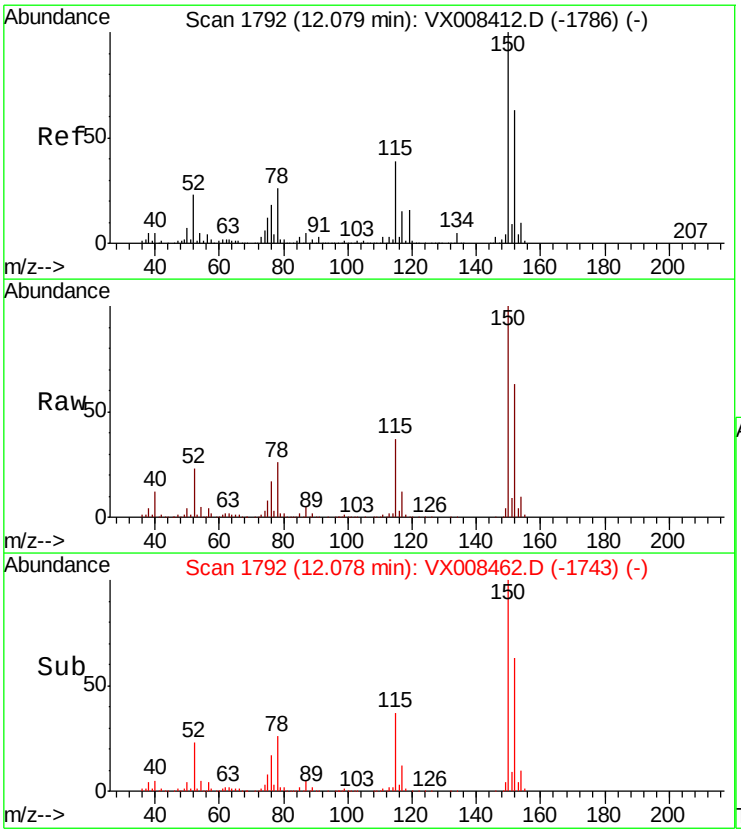
#69
o-Xylene
Concen: 0.579 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX008462.D
Acq: 26 Mar 2019 18:21

Instrument :
MSVOA_X
ClientSampleId :
MW-104

Tgt Ion:106 Resp: 2951

Ion	Ratio	Lower	Upper
106	100		
91	237.0	111.4	334.2

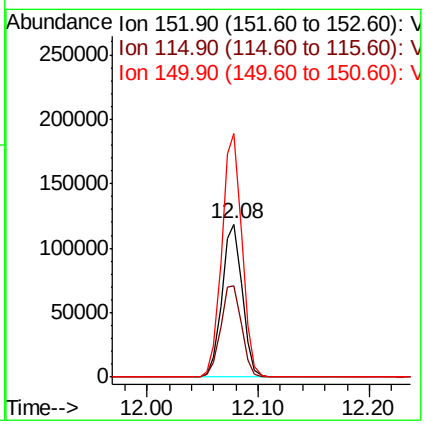


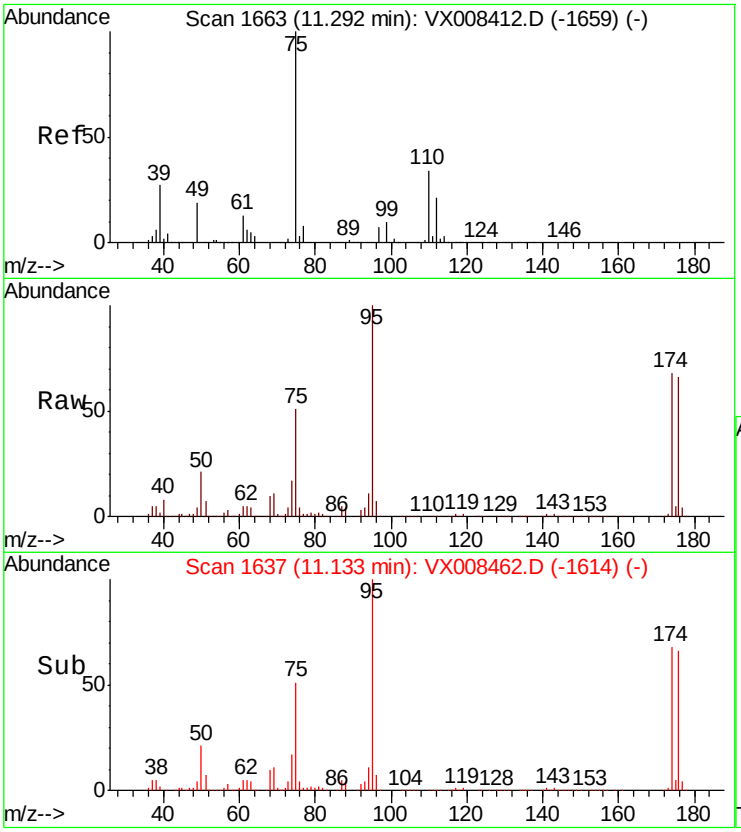


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008462.D
Acq: 26 Mar 2019 18:21

Tgt Ion:152 Resp: 148564

Ion	Ratio	Lower	Upper
152	100		
115	61.5	43.5	130.5
150	158.5	0.0	348.8



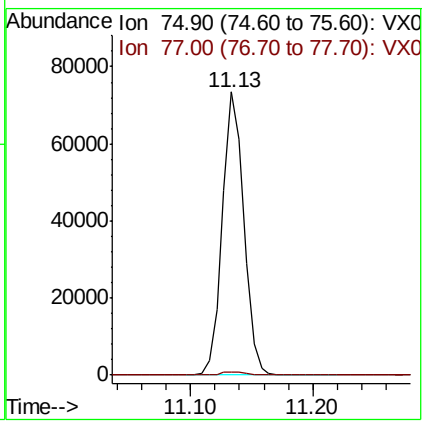


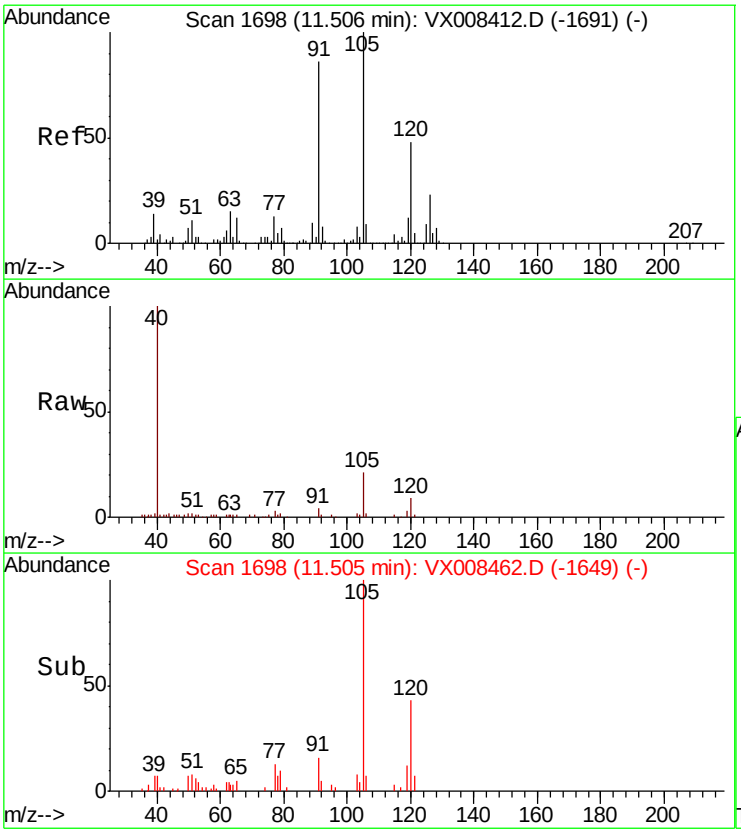
#76
1,2,3-Trichloropropane
Concen: 20.247 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX008462.D
Acq: 26 Mar 2019 18:21

Instrument :
MSVOA_X
ClientSampleId :
MW-104

Tgt Ion: 75 Resp: 89426

Ion	Ratio	Lower	Upper
75	100		
77	1.3	21.9	65.7#

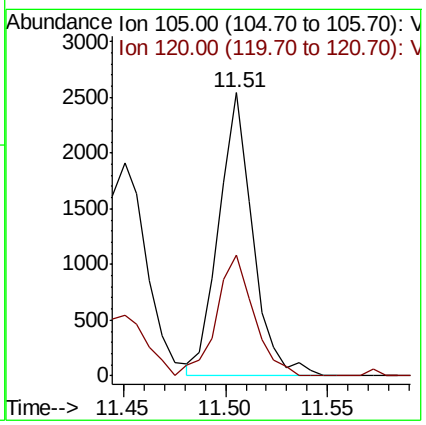


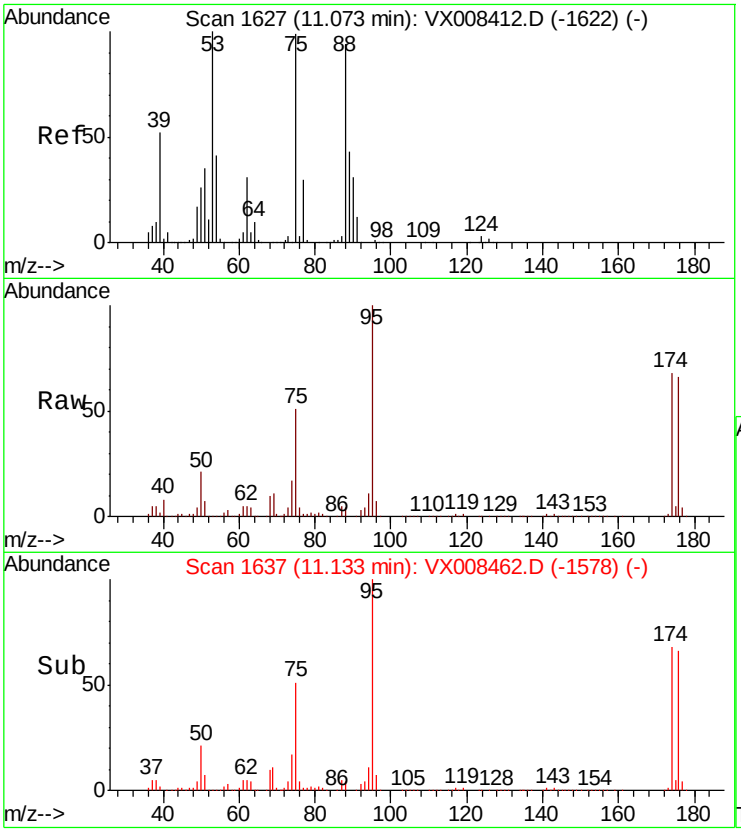


#80
1,3,5-Trimethylbenzene
Concen: 0.286 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX008462.D
Acq: 26 Mar 2019 18:21

Tgt Ion:105 Resp: 2926

Ion	Ratio	Lower	Upper
105	100		
120	47.1	23.4	70.3



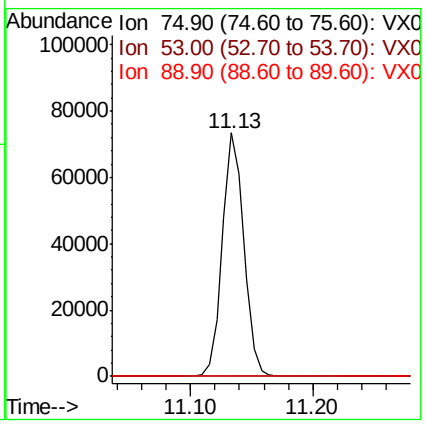


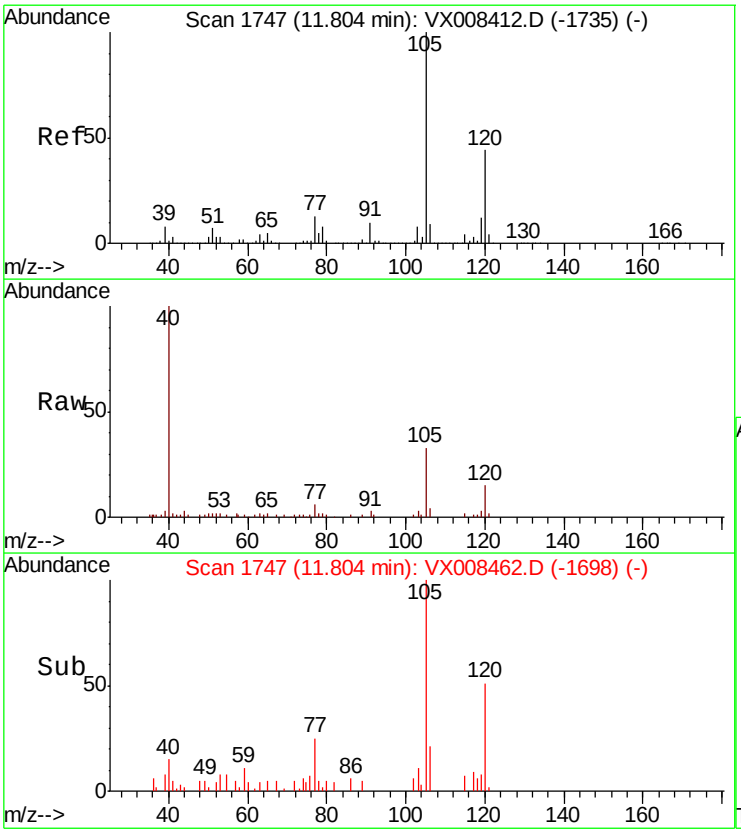
#81
trans-1,4-Dichloro-2-butene
Concen: 64.849 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX008462.D
Acq: 26 Mar 2019 18:21

Instrument :
MSVOA_X
ClientSampleId :
MW-104

Tgt Ion: 75 Resp: 89426

Ion	Ratio	Lower	Upper
75	100		
53	0.2	82.1	123.1#
89	0.0	34.6	52.0#

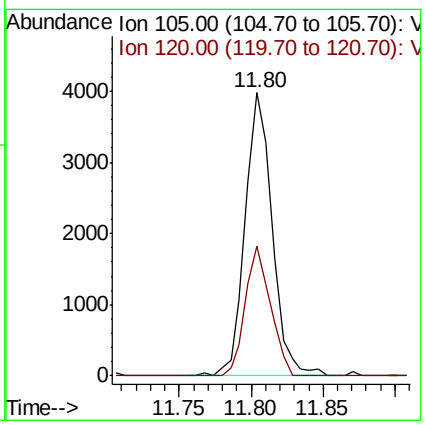


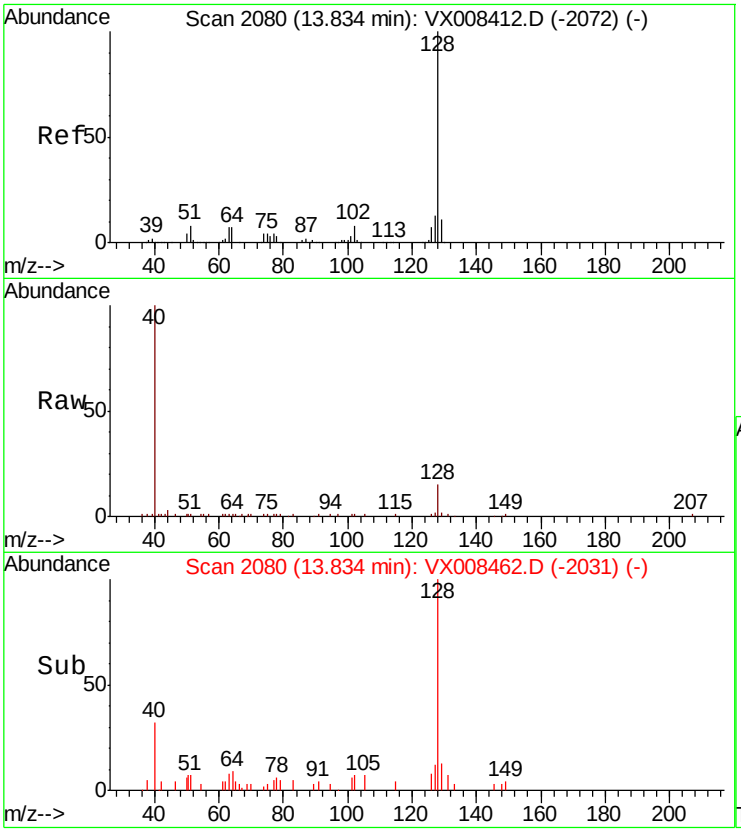


#84
1,2,4-Trimethylbenzene
Concen: 0.499 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX008462.D
Acq: 26 Mar 2019 18:21

Tgt Ion:105 Resp: 5158

Ion	Ratio	Lower	Upper
105	100		
120	42.4	21.6	65.0





#95
Naphthalene
Concen: 0.223 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008462.D
Acq: 26 Mar 2019 18:21

Instrument :
MSVOA_X
ClientSampleId :
MW-104

Tgt Ion:128 Resp: 2703

Ion	Ratio	Lower	Upper
128	100		
127	16.6	10.4	15.6#
129	17.9	8.7	13.1#