Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091418\
Data File : VX004540.D
Acq On : 14 Sep 2018 15:20
Operator : JC/MD
Sample : J4892-12DL 100X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PR-MW-05-091218DL

Quant Time: Sep 15 04:41:06 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 12 02:17:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.66	168	275049	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	408318	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	366025	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	215479	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	176958	49.90	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.80%				
35) Dibromofluoromethane	5.51	113	163898	43.86	ug/l		0.00
Spiked Amount 50.000			Recovery = 87.72%				
50) Toluene-d8	8.72	98	547836	43.72	ug/l		0.00
Spiked Amount 50.000			Recovery = 87.44%				
62) 4-Bromofluorobenzene	11.14	95	204286	45.67	ug/l		0.00
Spiked Amount 50.000			Recovery = 91.34%				
Target Compounds							Qvalue
5) Bromomethane	1.64	94	478	Below Cal		#	47
6) Chloroethane	1.64	64	1697	0.72	ug/l	#	47
10) Methyl Iodide	2.51	142	625	4.41	ug/l	#	86
13) Acrolein	2.27	56	297	0.89	ug/l	#	1
15) Acrylonitrile	3.15	53	432	0.21	ug/l	#	83
16) Acetone	2.44	43	627	0.36	ug/l		91
20) Methylene Chloride	2.85	84	1001	0.28	ug/l	#	76
29) Tetrahydrofuran	5.16	42	595	0.36	ug/l	#	51
36) 1,1-Dichloropropene	5.66	75	17951	3.62	ug/l	#	49
38) Carbon Tetrachloride	5.67	117	24086	4.97	ug/l	#	16
39) Methylcyclohexane	7.47	83	1056	0.20	ug/l	#	83
52) Toluene	8.79	92	77542	8.95	ug/l		99
67) Ethyl Benzene	10.26	91	126608	8.56	ug/l		98
68) m/p-Xylenes	10.36	106	170133	29.88	ug/l		97
69) o-Xylene	10.70	106	6334	1.16	ug/l		93
73) Isopropylbenzene	11.02	105	13324	0.94	ug/l		100
76) 1,2,3-Trichloropropane	11.14	75	95836	22.11	ug/l	#	37
78) n-propylbenzene	11.36	91	14785	0.91	ug/l		97
79) 2-Chlorotoluene	11.44	91	7542	0.76	ug/l	#	39
80) 1,3,5-Trimethylbenzene	11.51	105	21960	1.84	ug/l		98
81) trans-1,4-Dichloro-2-buten	11.14	75	95836	70.46	ug/l	#	9
82) 4-Chlorotoluene	11.51	91	2637	0.23	ug/l	#	45
84) 1,2,4-Trimethylbenzene	11.81	105	77553	6.37	ug/l		99
85) sec-Butylbenzene	11.81	105	77553	5.36	ug/l	#	56
89) n-Butylbenzene	12.39	91	2336	0.20	ug/l	#	34
90) Hexachloroethane	12.59	117	426	0.21	ug/l	#	3
95) Naphthalene	13.83	128	27156	1.85	ug/l		99

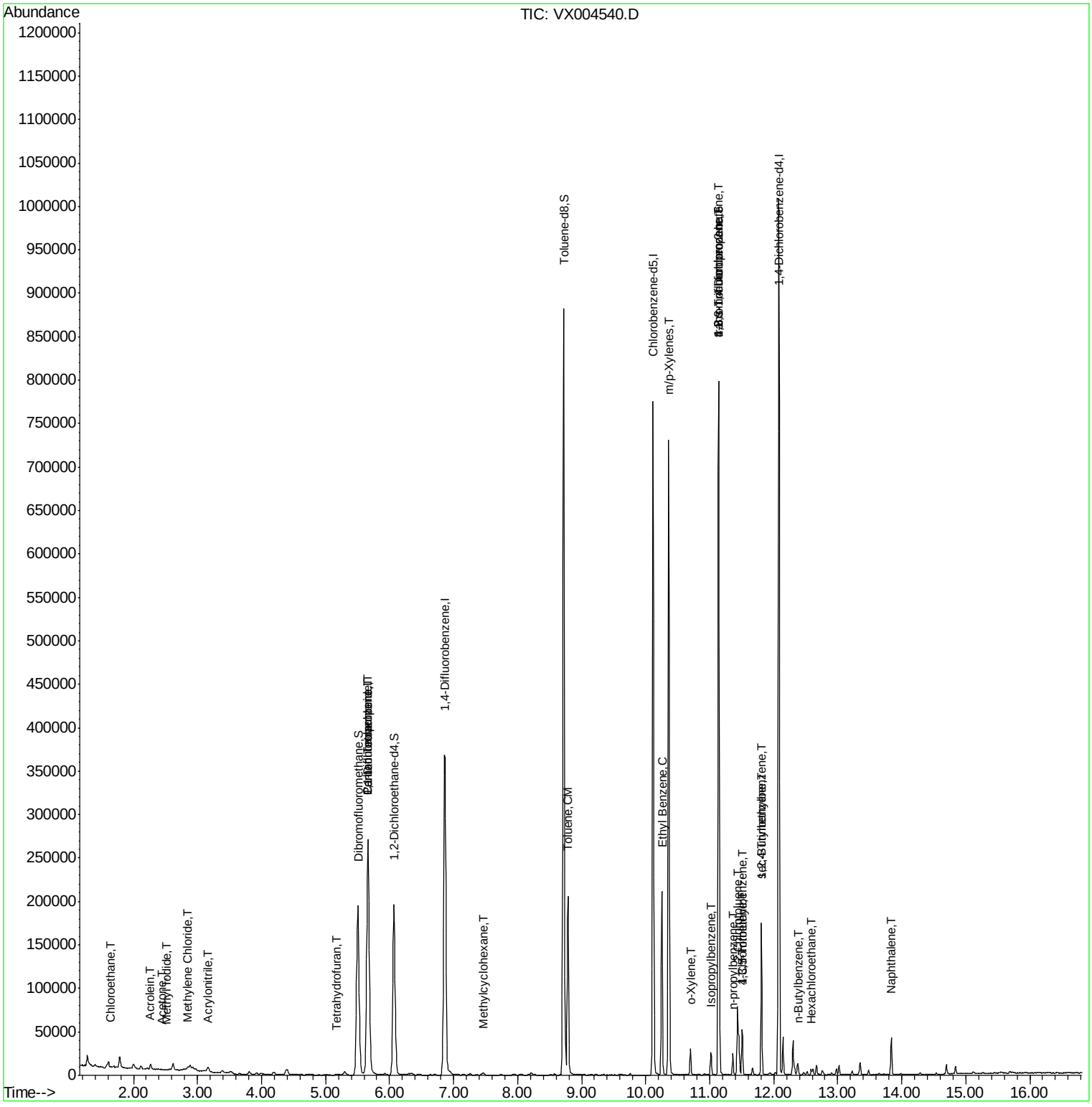
(#) = qualifier out of range (m) = manual integration (+) = signals summed

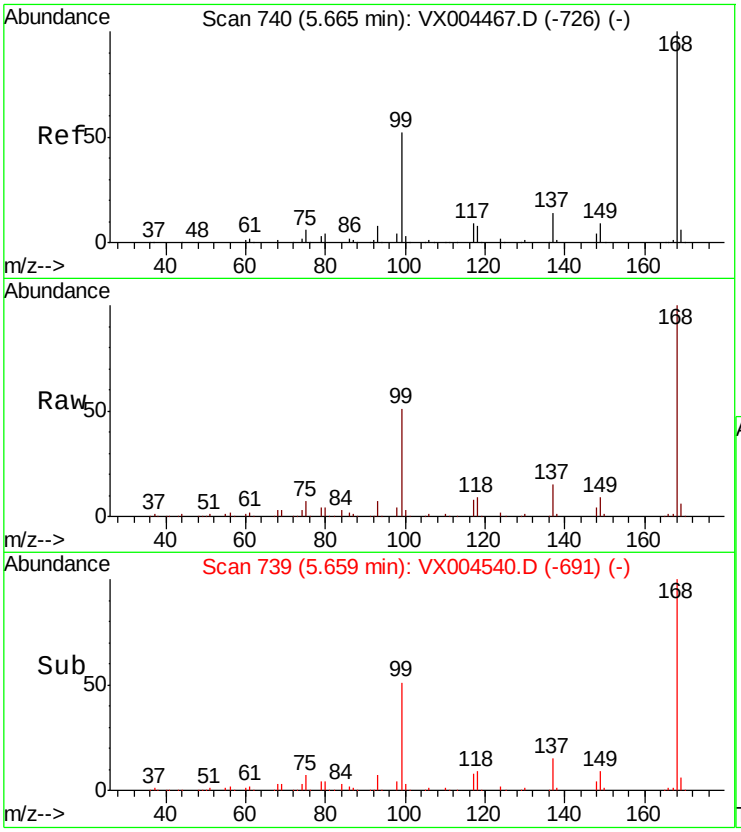
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091418\
Data File : VX004540.D
Acq On : 14 Sep 2018 15:20
Operator : JC/MD
Sample : J4892-12DL 100X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PR-MW-05-091218DL

Quant Time: Sep 15 04:41:06 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 12 02:17:23 2018
Response via : Initial Calibration



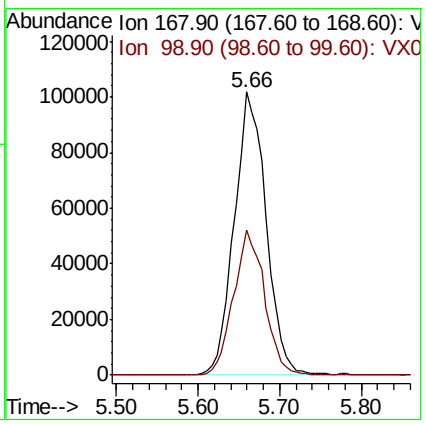


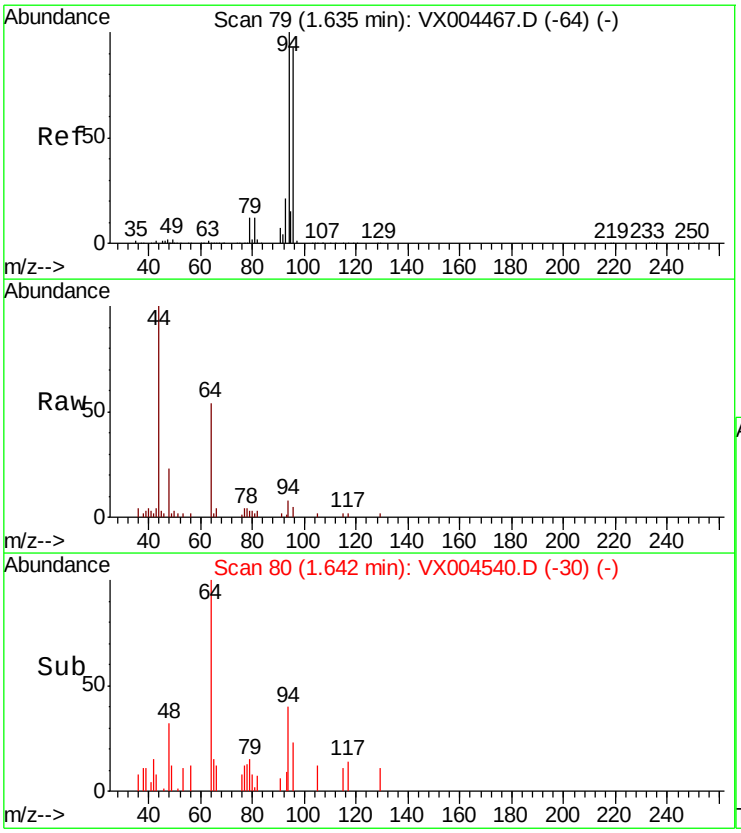
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.01 min
Lab File: VX004540.D
Acq: 14 Sep 2018 15:20

Instrument :
MSVOA_X
ClientSampleId :
PR-MW-05-091218DL

Tgt Ion:168 Resp: 275049

Ion	Ratio	Lower	Upper
168	100		
99	51.1	39.9	59.9

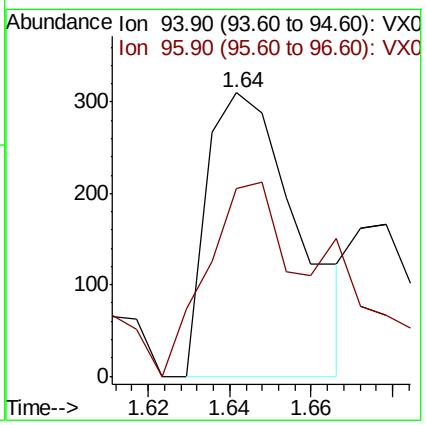


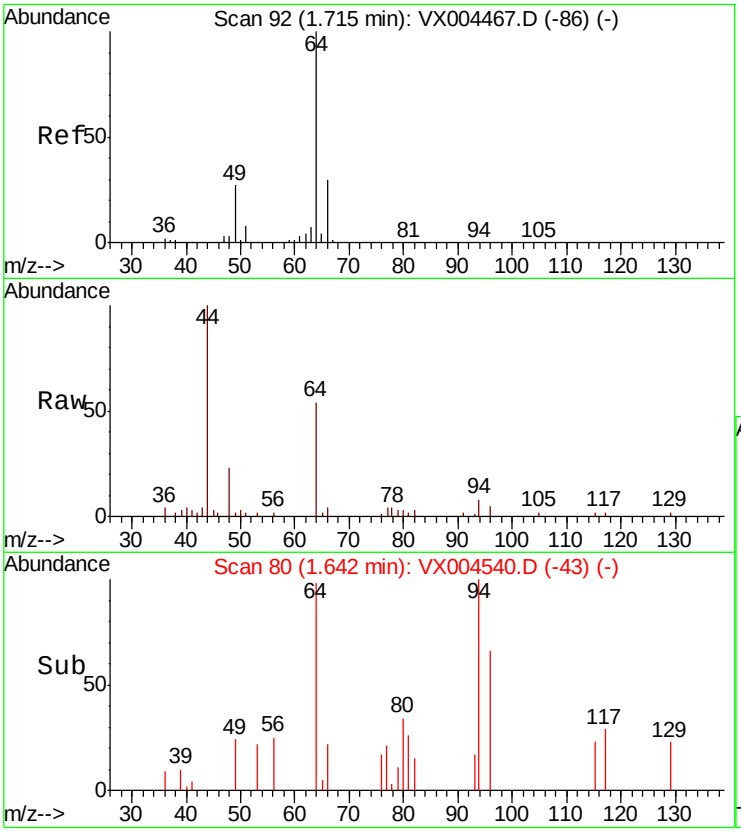


#5
Bromomethane
Concen: Below Cal
RT: 1.64 min Scan# 80
Delta R.T. 0.01 min
Lab File: VX004540.D
Acq: 14 Sep 2018 15:20

Tgt Ion: 94 Resp: 478

Ion	Ratio	Lower	Upper
94	100		
96	42.6	74.5	111.7#



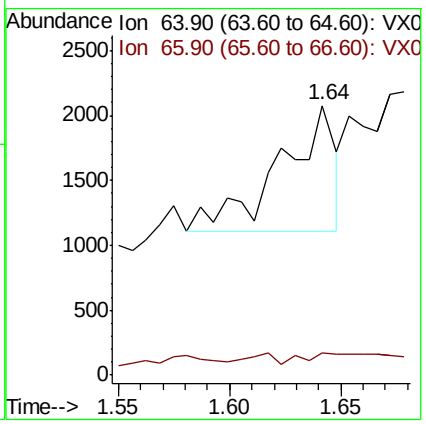


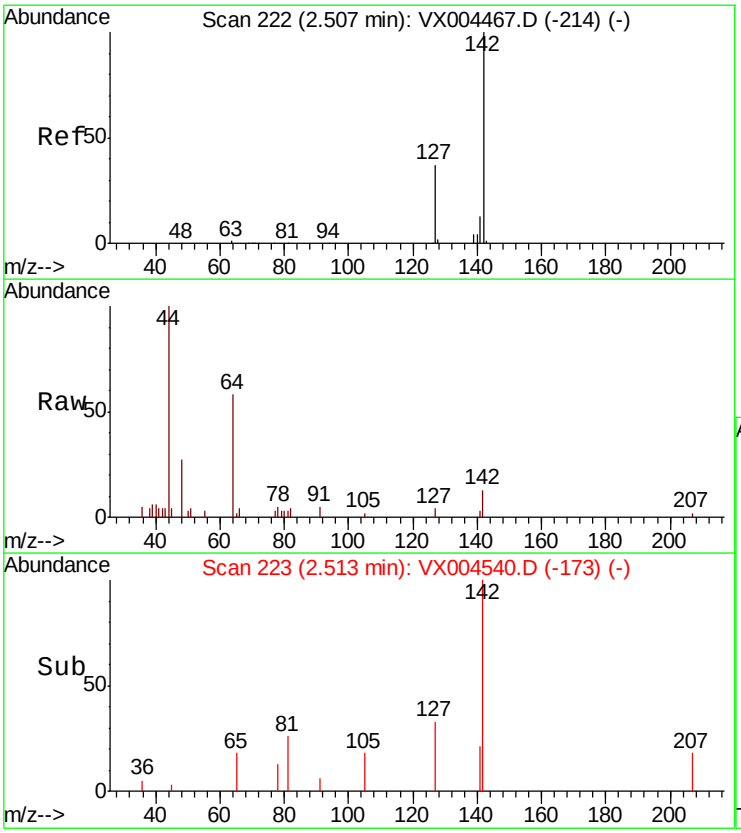
#6
Chloroethane
Concen: 0.72 ug/l
RT: 1.64 min Scan# 80
Delta R.T. -0.07 min
Lab File: VX004540.D
Acq: 14 Sep 2018 15:20

Instrument : MSVOA_X
ClientSampleId : PR-MW-05-091218DL

Tgt Ion: 64 Resp: 1697

Ion	Ratio	Lower	Upper
64	100		
66	1.4	24.6	36.8#

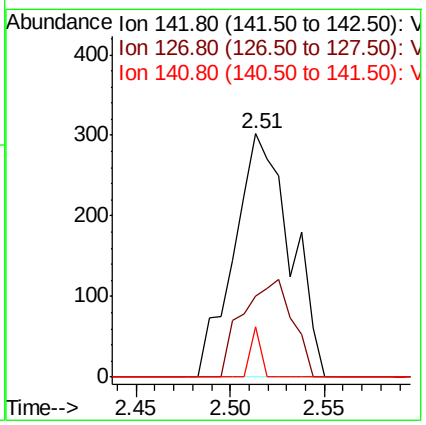


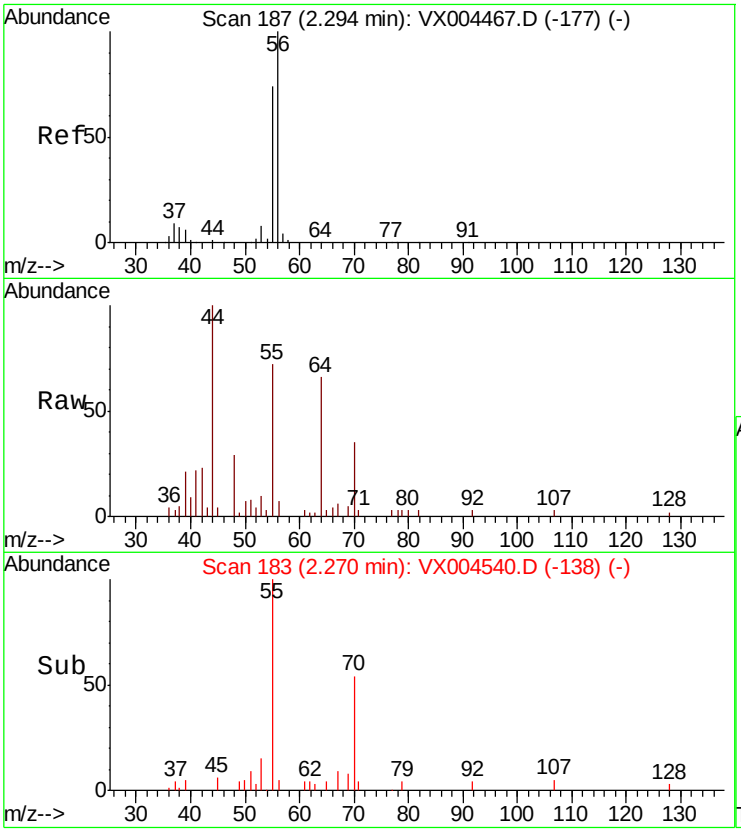


#10
Methyl Iodide
Concen: 4.41 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.01 min
Lab File: VX004540.D
Acq: 14 Sep 2018 15:20

Tgt Ion:142 Resp: 625

Ion	Ratio	Lower	Upper
142	100		
127	35.5	33.8	50.6
141	3.7	11.4	17.0#



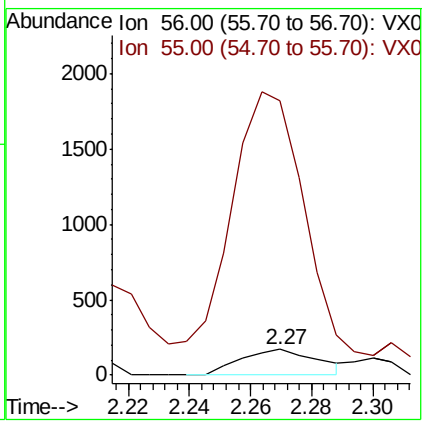


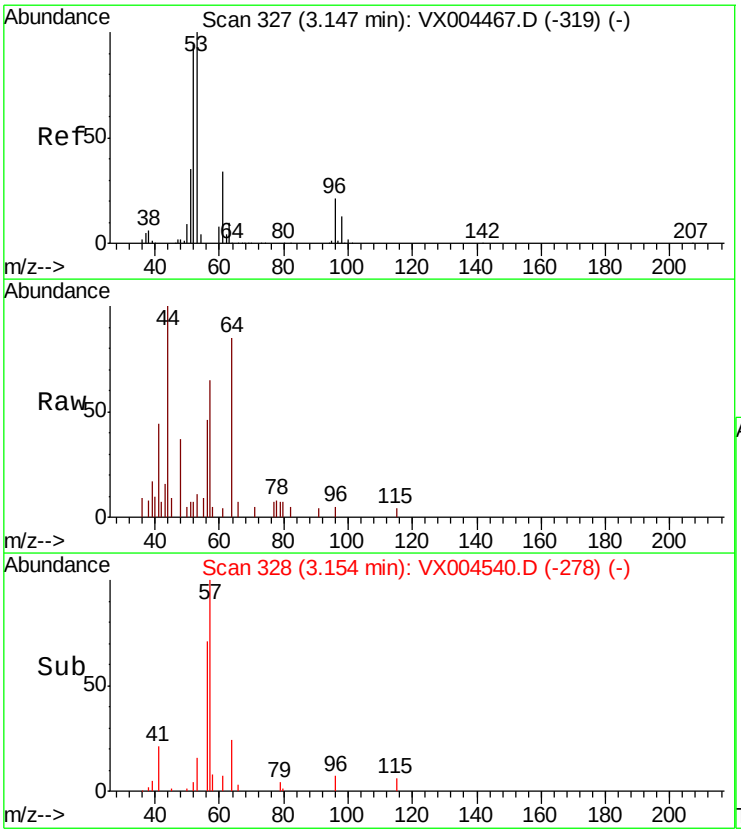
#13
Acrolein
Concen: 0.89 ug/l
RT: 2.27 min Scan# 183
Delta R.T. -0.02 min
Lab File: VX004540.D
Acq: 14 Sep 2018 15:20

Instrument :
MSVOA_X
ClientSampleId :
PR-MW-05-091218DL

Tgt Ion: 56 Resp: 297

Ion	Ratio	Lower	Upper
56	100		
55	975.4	54.7	82.1#

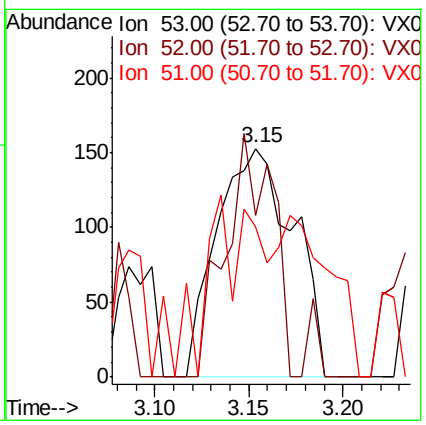


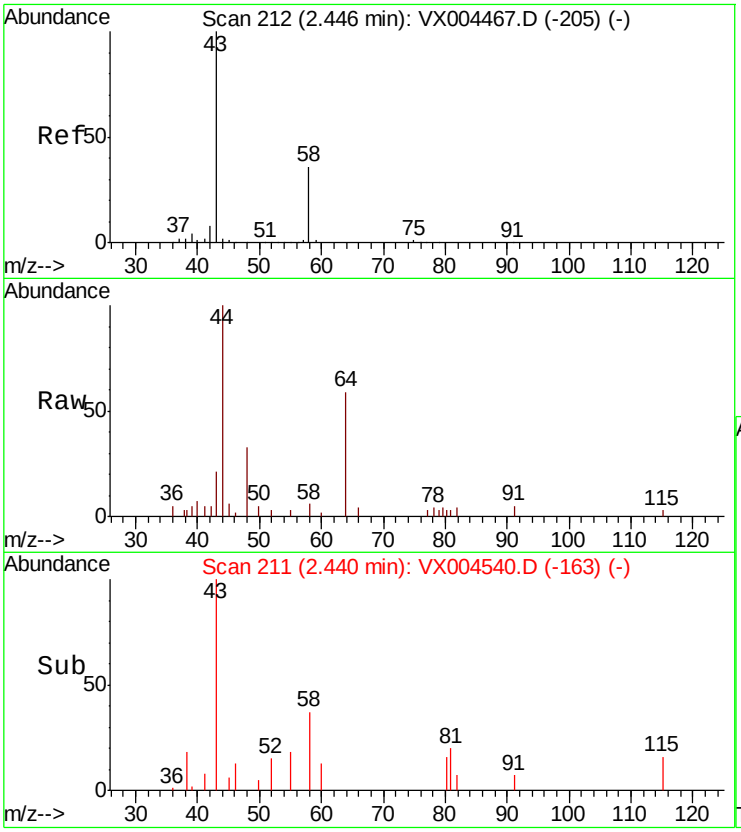


#15
Acrylonitrile
Concen: 0.21 ug/l
RT: 3.15 min Scan# 328
Delta R.T. 0.01 min
Lab File: VX004540.D
Acq: 14 Sep 2018 15:20

Tgt Ion: 53 Resp: 432

Ion	Ratio	Lower	Upper
53	100		
52	65.0	65.2	97.8#
51	27.8	28.2	42.2#



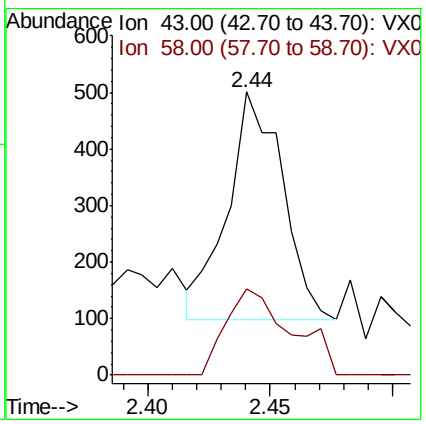


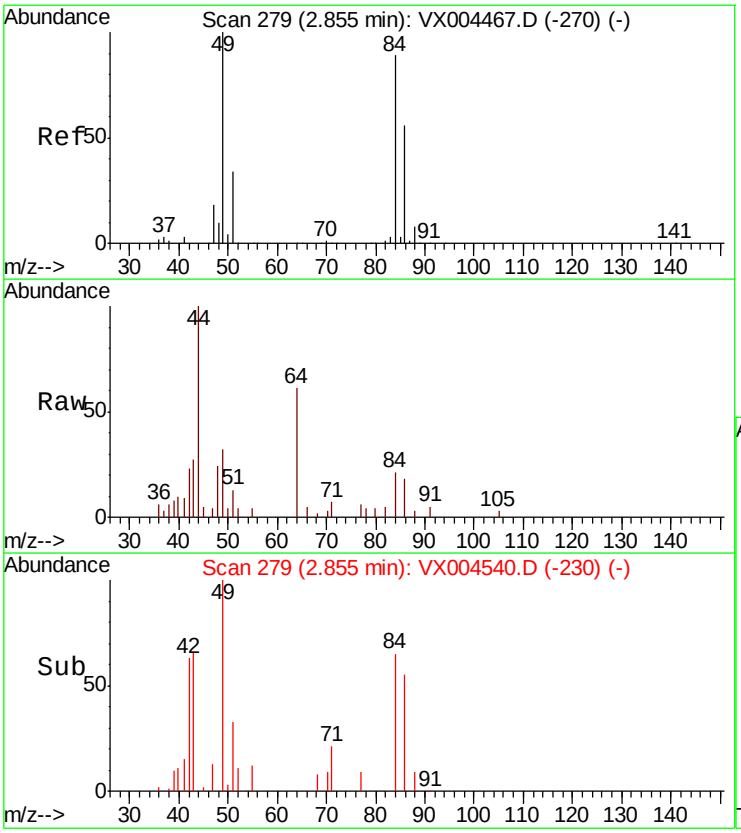
#16
Acetone
Concen: 0.36 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX004540.D
Acq: 14 Sep 2018 15:20

Instrument :
MSVOA_X
ClientSampleId :
PR-MW-05-091218DL

Tgt Ion: 43 Resp: 627

Ion	Ratio	Lower	Upper
43	100		
58	38.1	26.2	39.4

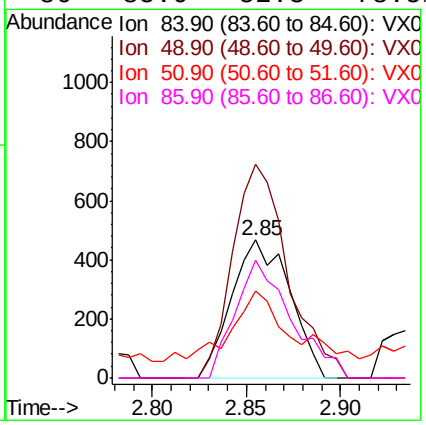


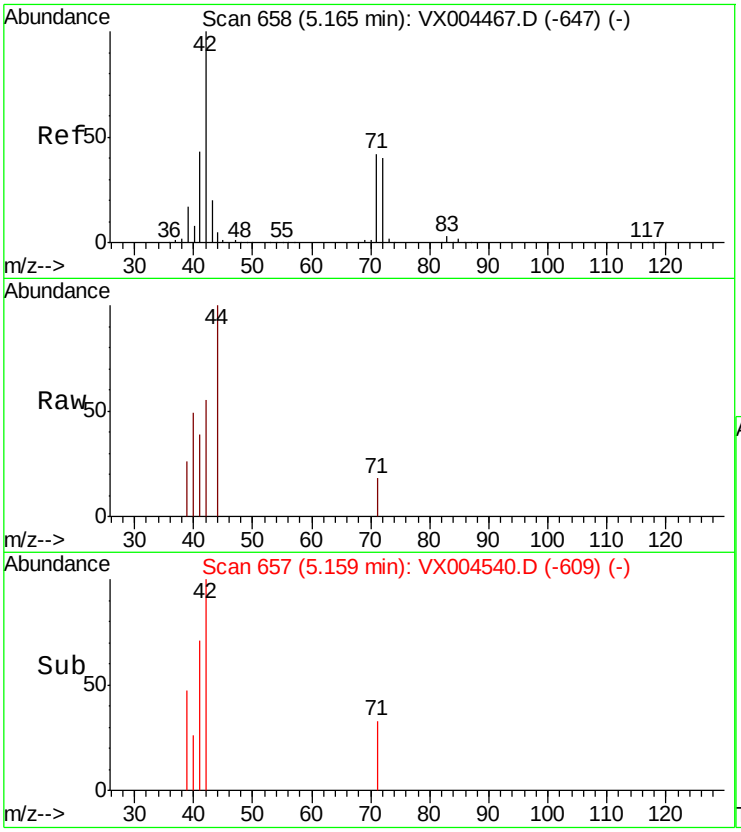


#20
Methylene Chloride
Concen: 0.28 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX004540.D
Acq: 14 Sep 2018 15:20

Tgt Ion: 84 Resp: 1001

Ion	Ratio	Lower	Upper
84	100		
49	154.8	101.2	151.8#
51	49.7	29.5	44.3#
86	85.0	52.3	78.5#



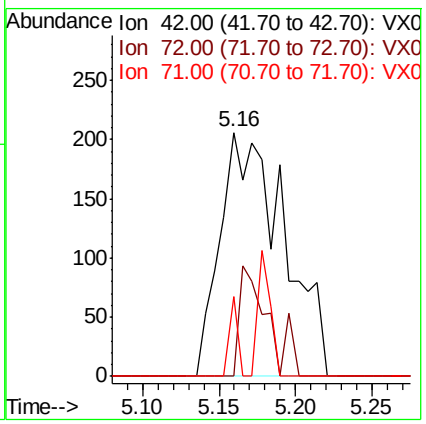


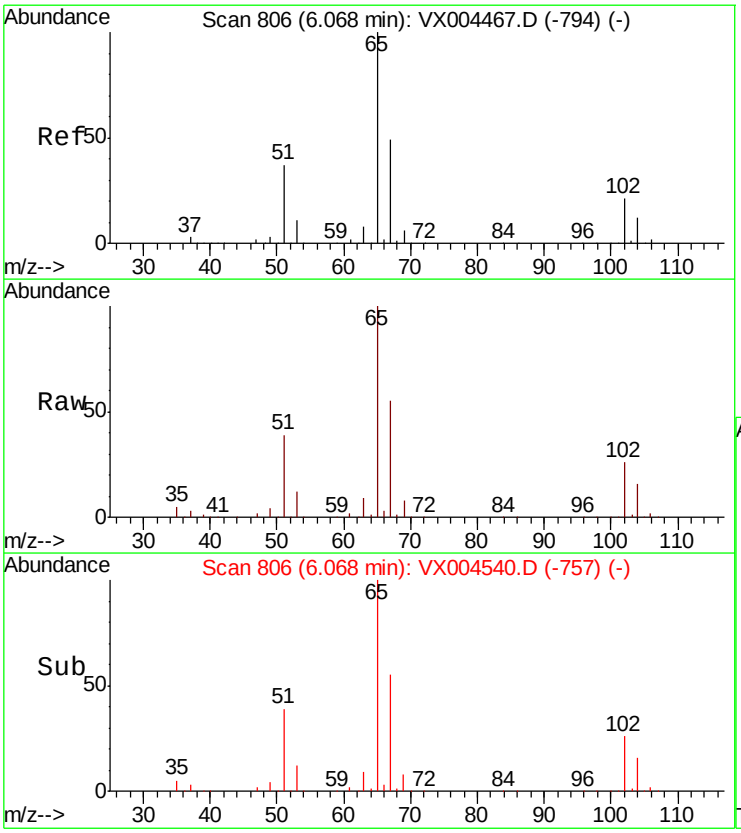
#29
Tetrahydrofuran
Concen: 0.36 ug/l
RT: 5.16 min Scan# 657
Delta R.T. -0.01 min
Lab File: VX004540.D
Acq: 14 Sep 2018 15:20

Instrument :
MSVOA_X
ClientSampleId :
PR-MW-05-091218DL

Tgt Ion: 42 Resp: 595

Ion	Ratio	Lower	Upper
42	100		
72	20.7	37.4	56.0#
71	4.2	34.5	51.7#

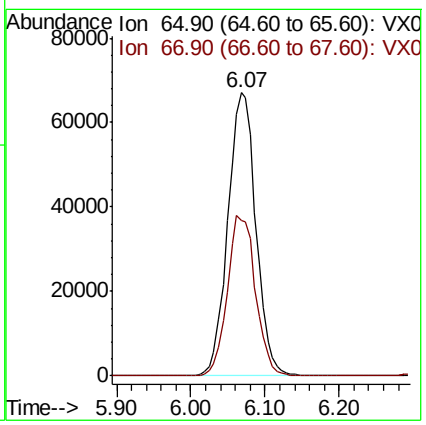


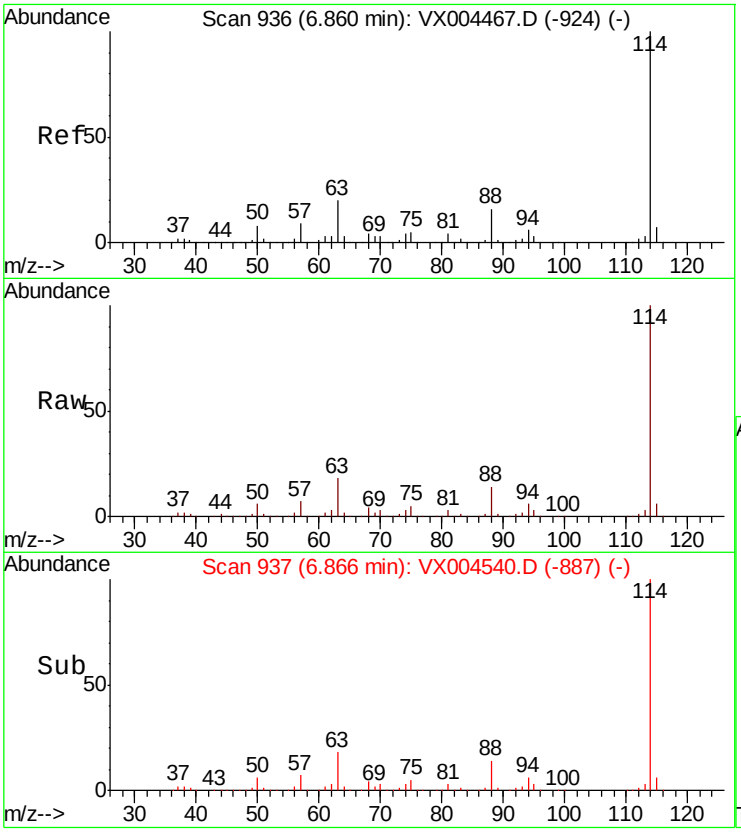


#33
1,2-Dichloroethane-d4
Concen: 49.90 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX004540.D
Acq: 14 Sep 2018 15:20

Tgt Ion: 65 Resp: 176958

Ion	Ratio	Lower	Upper
65	100		
67	56.7	0.0	106.8



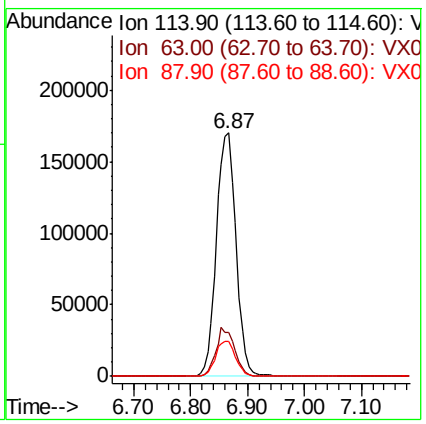


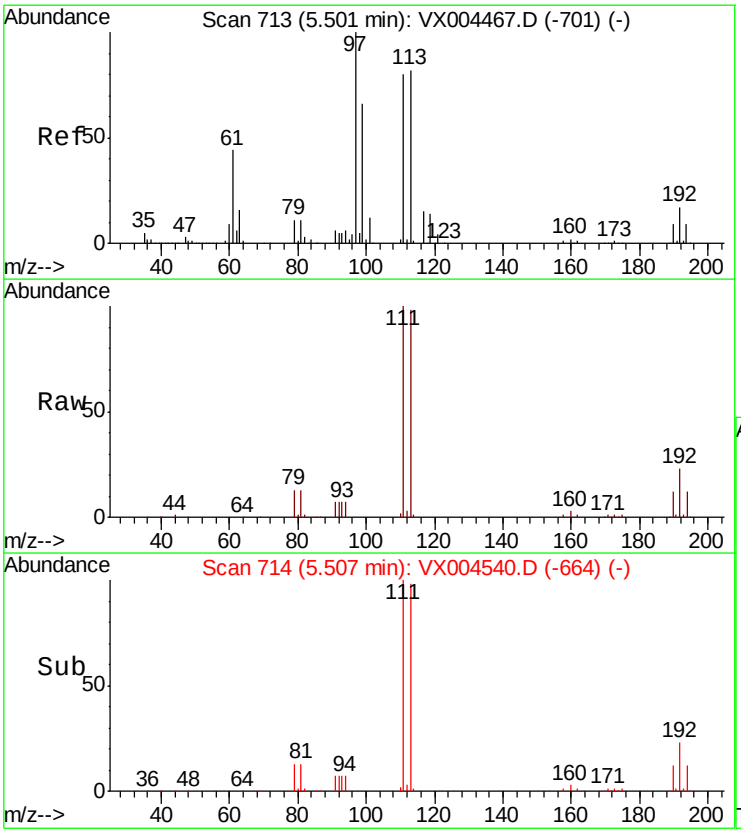
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 937
Delta R.T. 0.01 min
Lab File: VX004540.D
Acq: 14 Sep 2018 15:20

Instrument :
MSVOA_X
ClientSampleId :
PR-MW-05-091218DL

Tgt Ion:114 Resp: 408318

Ion	Ratio	Lower	Upper
114	100		
63	17.8	0.0	39.0
88	14.1	0.0	30.4

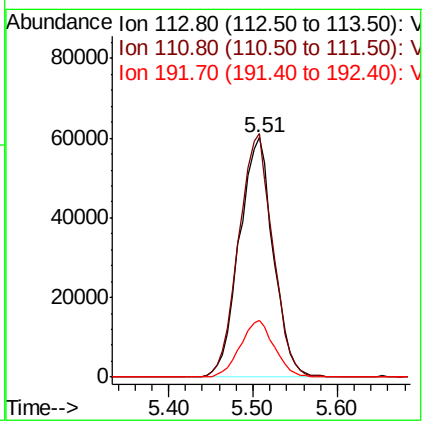


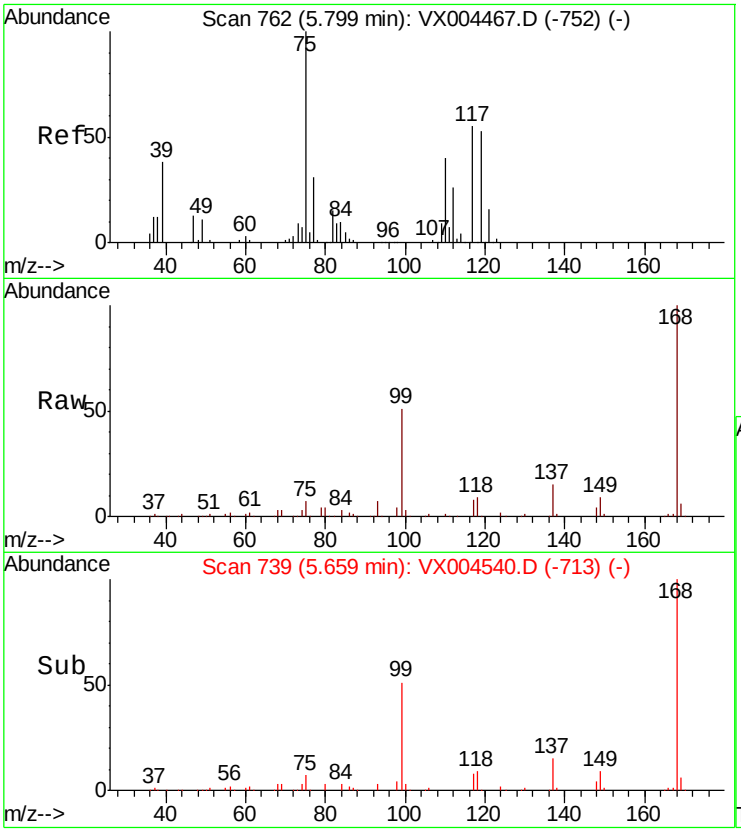


#35
Dibromofluoromethane
Concen: 43.86 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX004540.D
Acq: 14 Sep 2018 15:20

Tgt Ion:113 Resp: 163898

Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.4	123.6
192	23.5	19.4	29.2



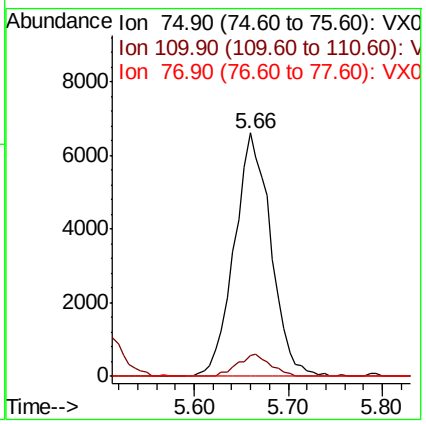


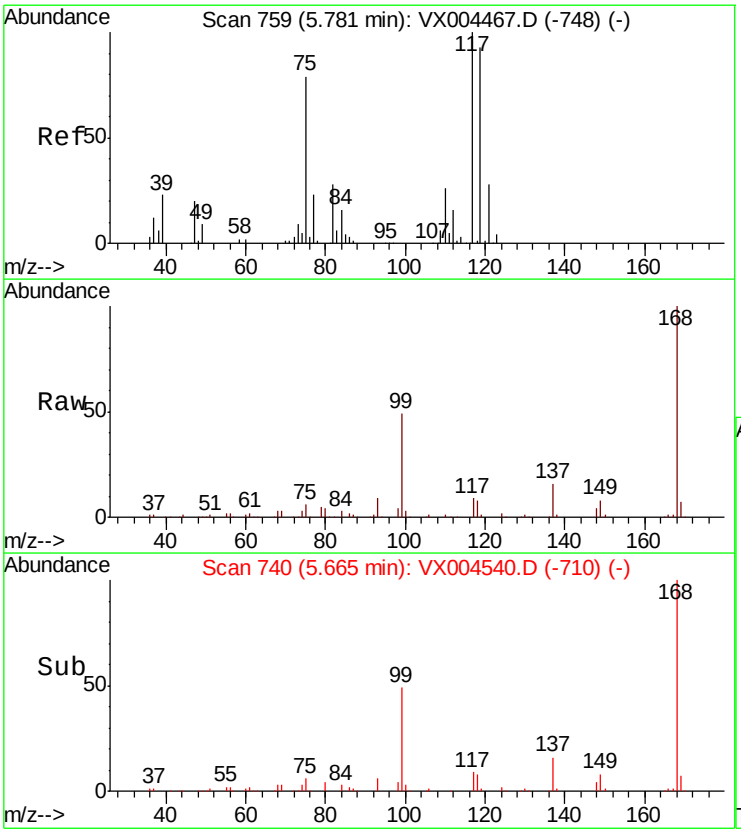
#36
1,1-Dichloropropene
Concen: 3.62 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX004540.D
Acq: 14 Sep 2018 15:20

Instrument :
MSVOA_X
ClientSampleId :
PR-MW-05-091218DL

Tgt Ion: 75 Resp: 17951

Ion	Ratio	Lower	Upper
75	100		
110	8.1	18.0	54.0#
77	0.0	24.6	36.8#

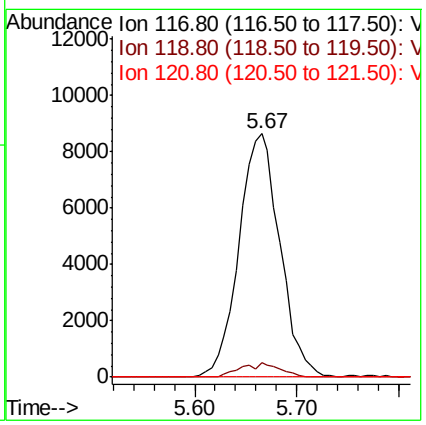


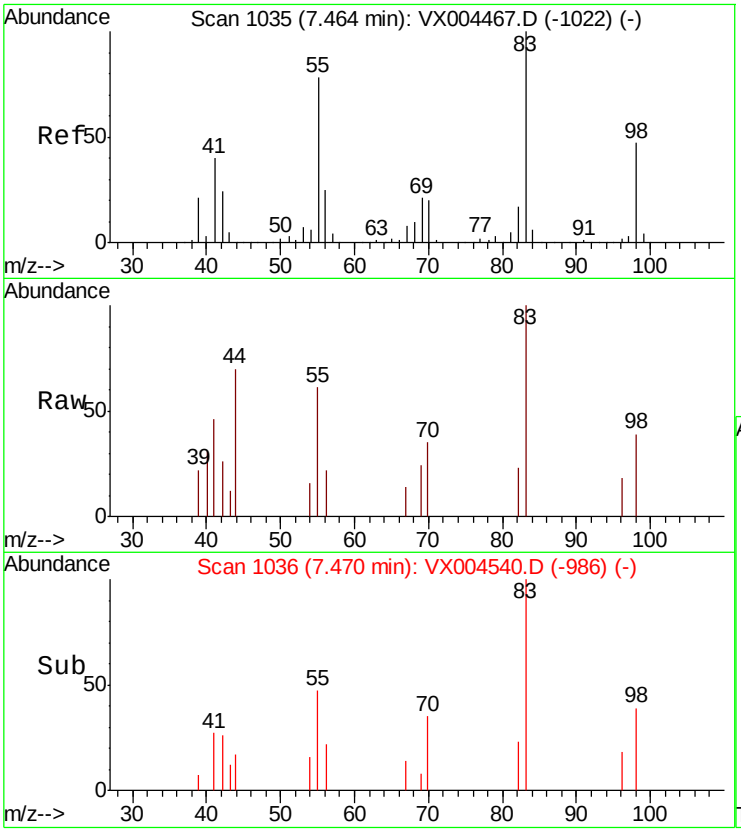


#38
Carbon Tetrachloride
Concen: 4.97 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX004540.D
Acq: 14 Sep 2018 15:20

Tgt Ion:117 Resp: 24086

Ion	Ratio	Lower	Upper
117	100		
119	6.2	78.8	118.2#
121	0.0	24.9	37.3#



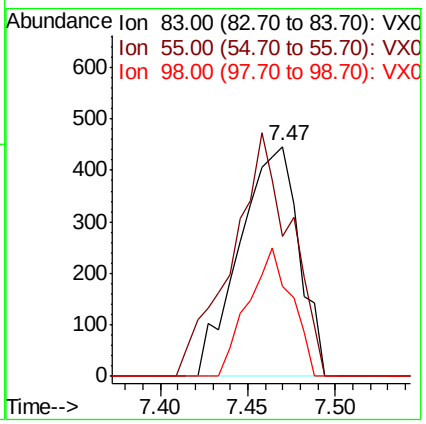


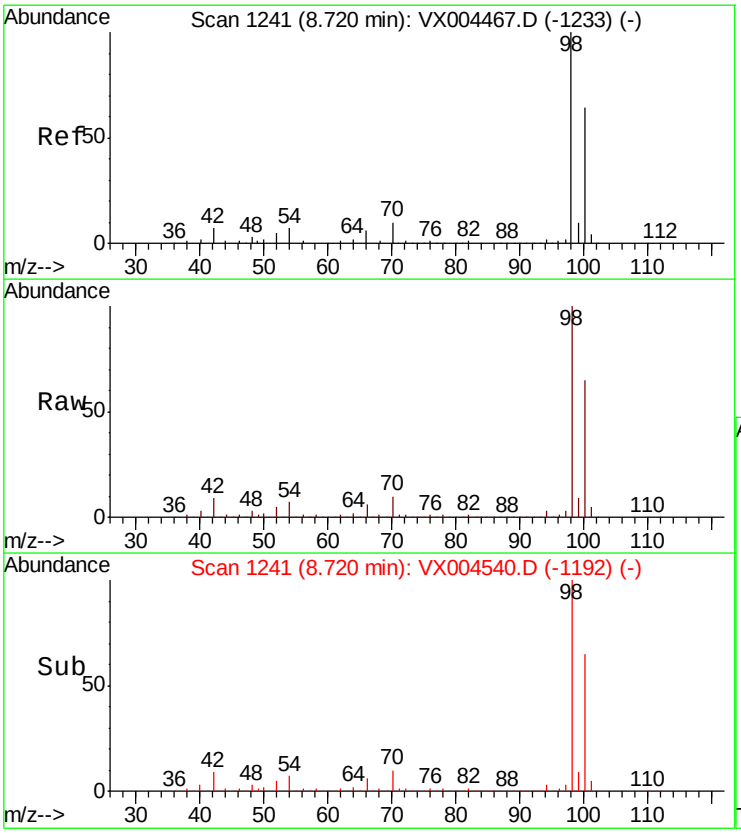
#39
Methylcyclohexane
Concen: 0.20 ug/l
RT: 7.47 min Scan# 1036
Delta R.T. 0.01 min
Lab File: VX004540.D
Acq: 14 Sep 2018 15:20

Instrument :
MSVOA_X
ClientSampleId :
PR-MW-05-091218DL

Tgt Ion: 83 Resp: 1056

Ion	Ratio	Lower	Upper
83	100		
55	61.0	61.0	91.4
98	39.2	39.6	59.4#

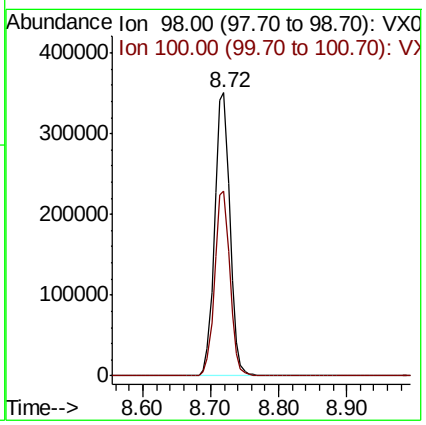


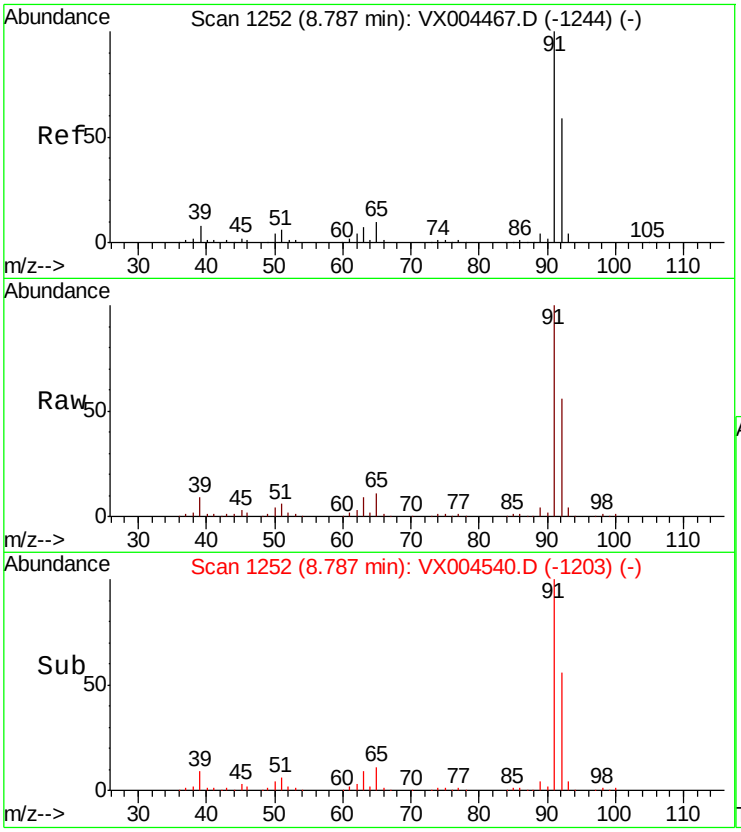


#50
Toluene-d8
Concen: 43.72 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VX004540.D
Acq: 14 Sep 2018 15:20

Tgt Ion: 98 Resp: 547836

Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.9	79.3



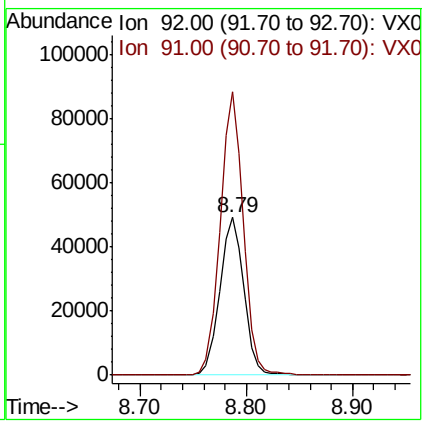


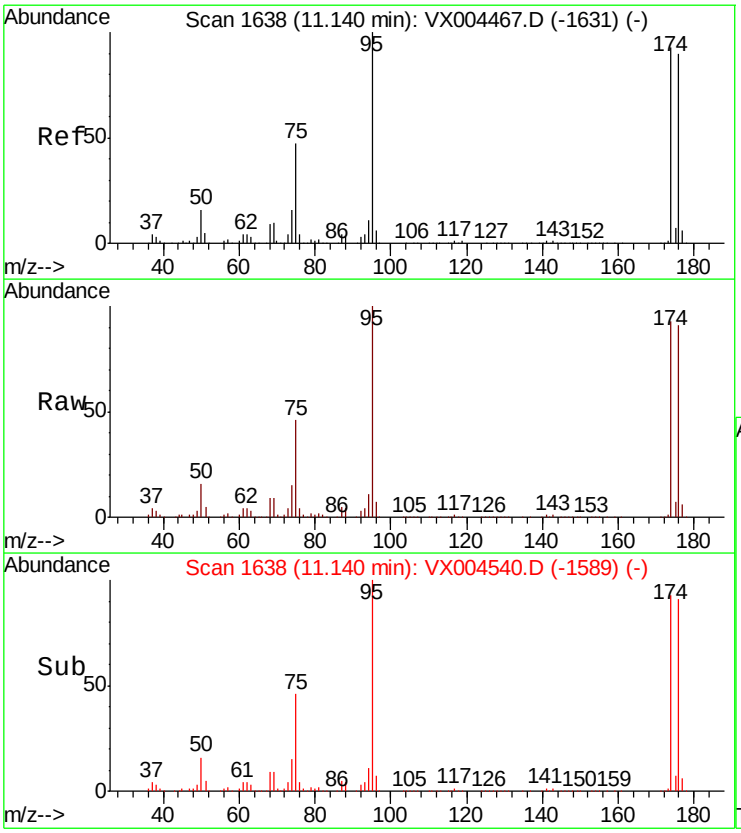
#52
Toluene
Concen: 8.95 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX004540.D
Acq: 14 Sep 2018 15:20

Instrument :
MSVOA_X
ClientSampleId :
PR-MW-05-091218DL

Tgt Ion: 92 Resp: 77542

Ion	Ratio	Lower	Upper
92	100		
91	172.3	136.4	204.6

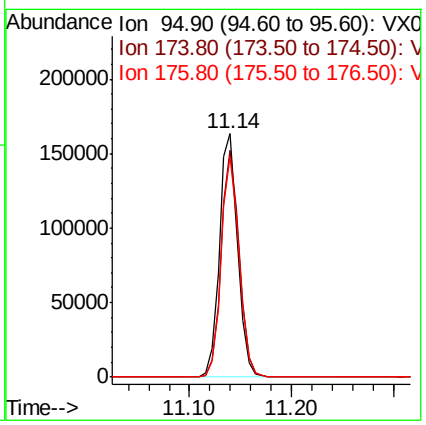


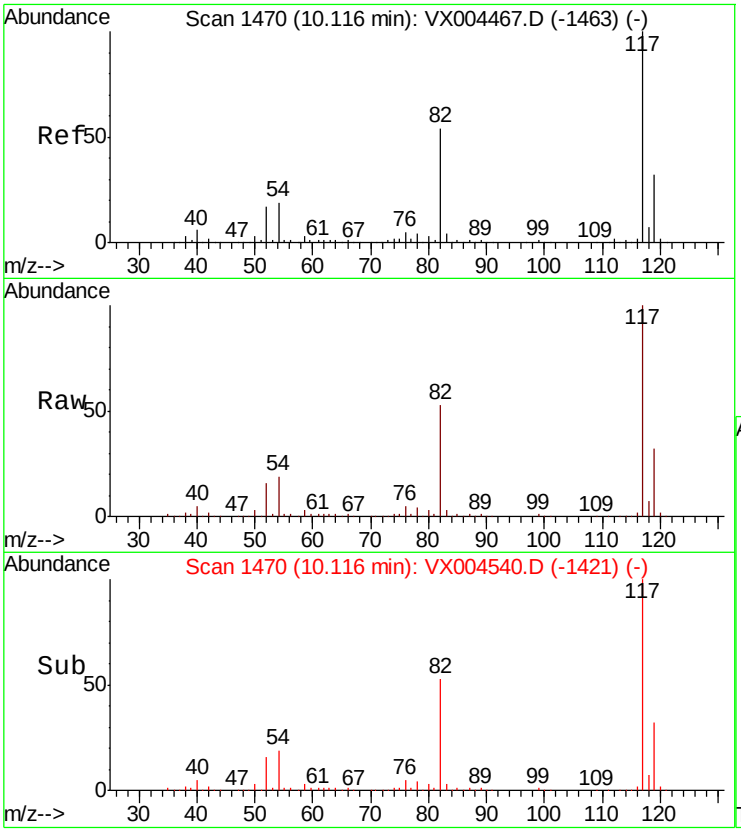


#62
4-Bromofluorobenzene
Concen: 45.67 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX004540.D
Acq: 14 Sep 2018 15:20

Tgt Ion: 95 Resp: 204286

Ion	Ratio	Lower	Upper
95	100		
174	91.6	0.0	185.2
176	88.6	0.0	178.6



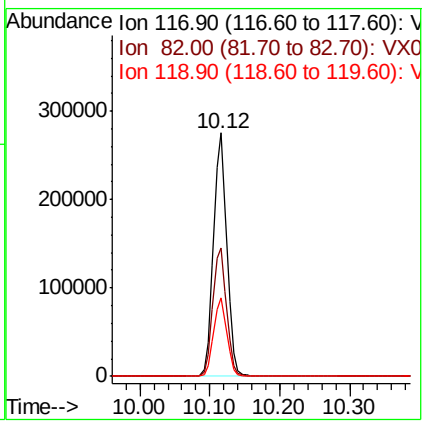


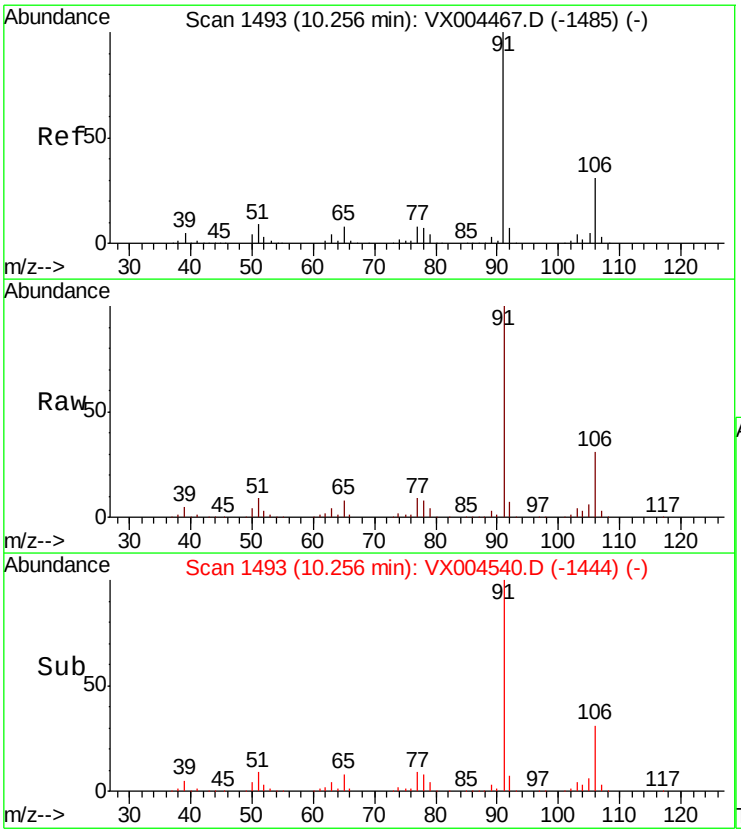
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004540.D
Acq: 14 Sep 2018 15:20

Instrument : MSVOA_X
ClientSampleId : PR-MW-05-091218DL

Tgt Ion:117 Resp: 366025

Ion	Ratio	Lower	Upper
117	100		
82	52.8	47.8	71.6
119	32.4	29.3	43.9

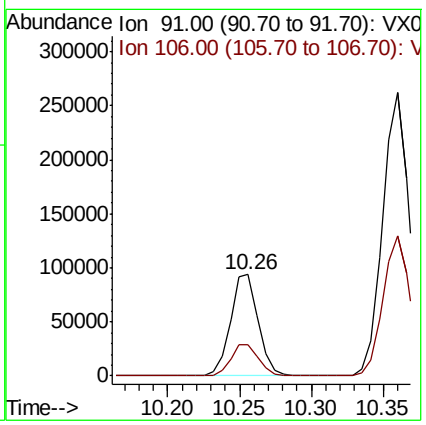


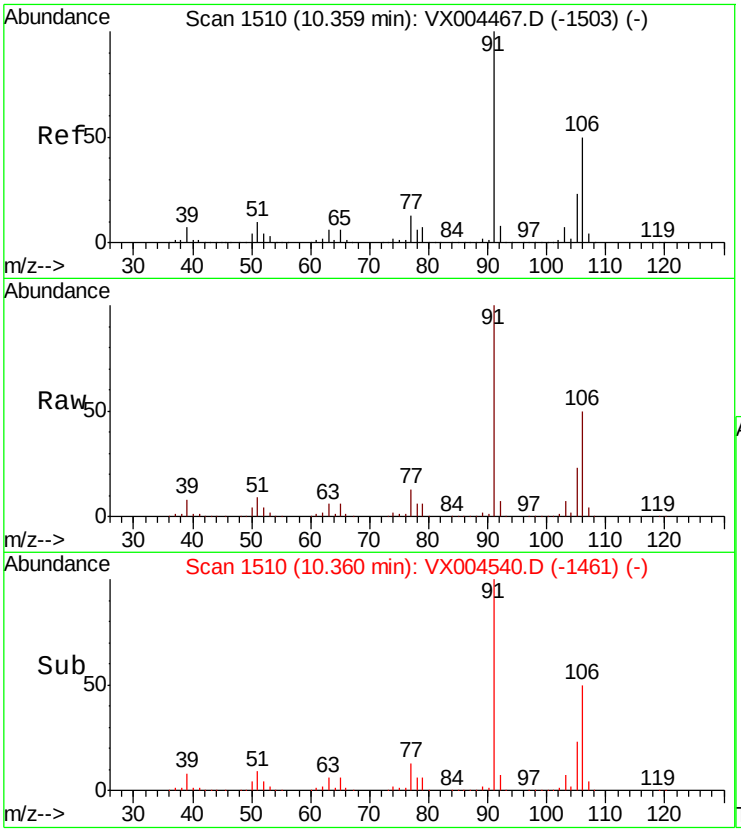


#67
Ethyl Benzene
Concen: 8.56 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VX004540.D
Acq: 14 Sep 2018 15:20

Tgt Ion: 91 Resp: 126608

Ion	Ratio	Lower	Upper
91	100		
106	31.2	25.9	38.9



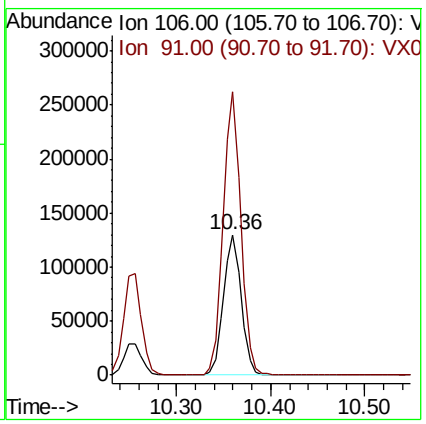


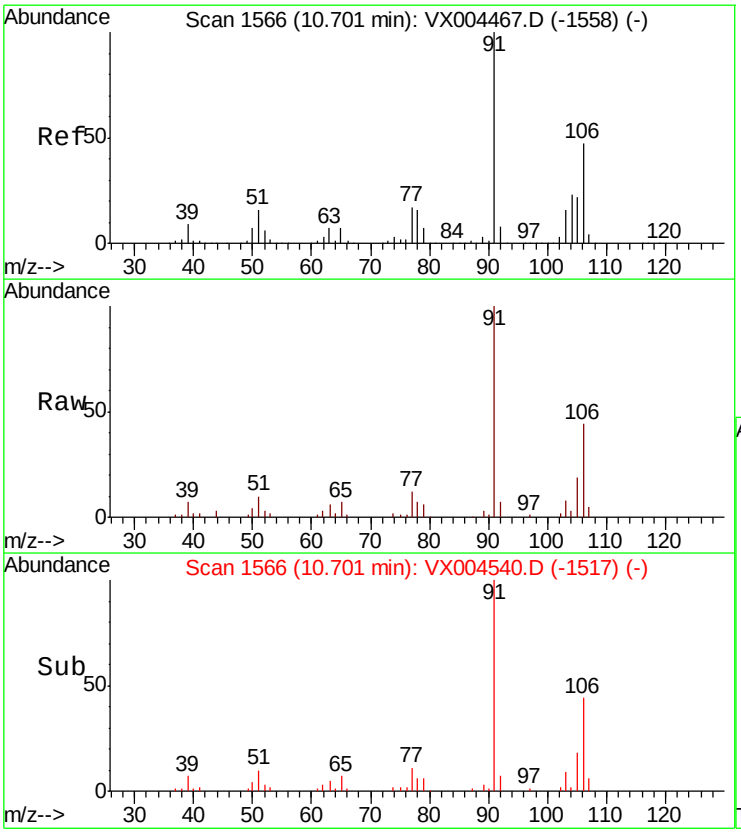
#68
m/p-Xylenes
Concen: 29.88 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX004540.D
Acq: 14 Sep 2018 15:20

Instrument :
MSVOA_X
ClientSampleId :
PR-MW-05-091218DL

Tgt Ion:106 Resp: 170133

Ion	Ratio	Lower	Upper
106	100		
91	200.9	157.1	235.7

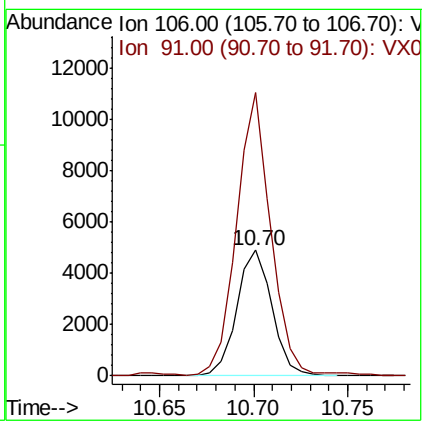


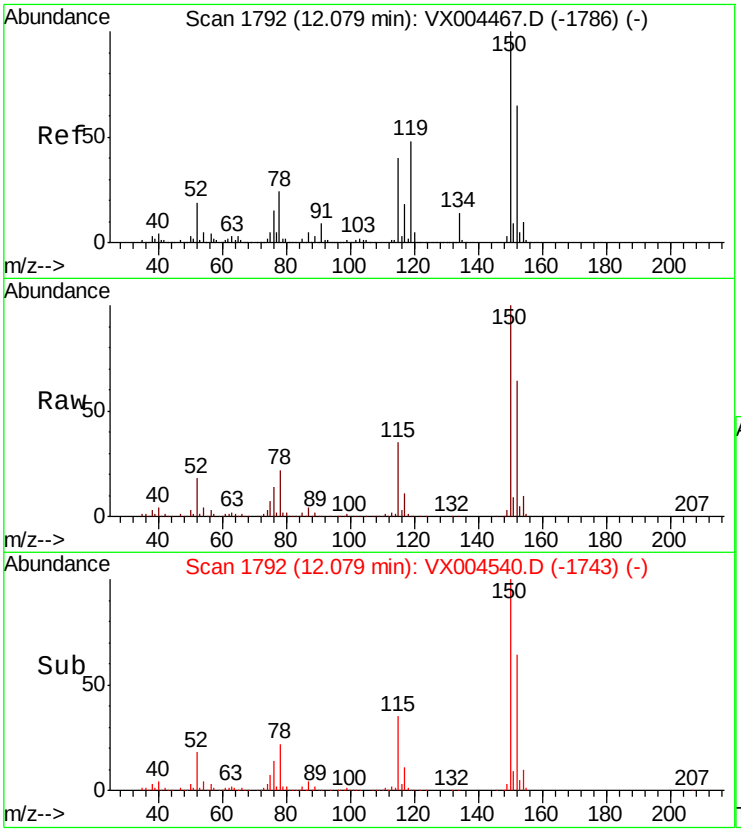


#69
o-Xylene
Concen: 1.16 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX004540.D
Acq: 14 Sep 2018 15:20

Tgt Ion:106 Resp: 6334

Ion	Ratio	Lower	Upper
106	100		
91	220.3	105.1	315.1



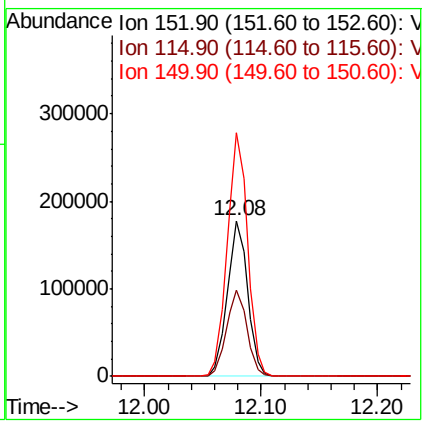


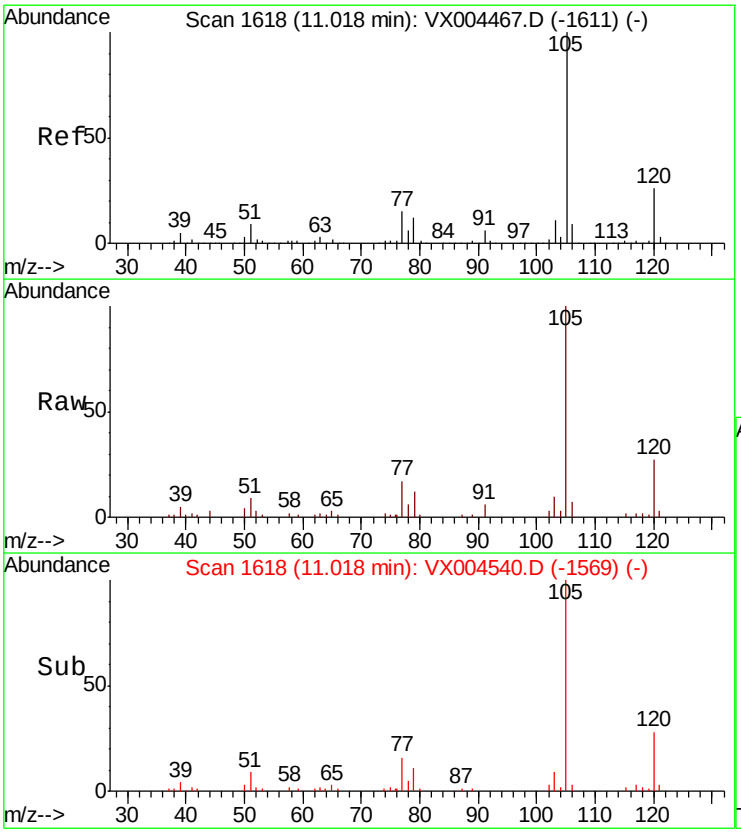
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX004540.D
Acq: 14 Sep 2018 15:20

Instrument :
MSVOA_X
ClientSampleId :
PR-MW-05-091218DL

Tgt Ion:152 Resp: 215479

Ion	Ratio	Lower	Upper
152	100		
115	55.7	39.0	117.0
150	157.3	0.0	351.0

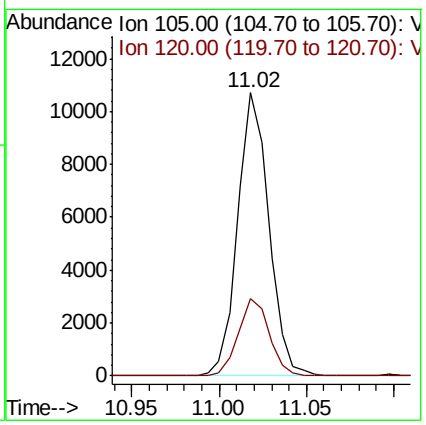


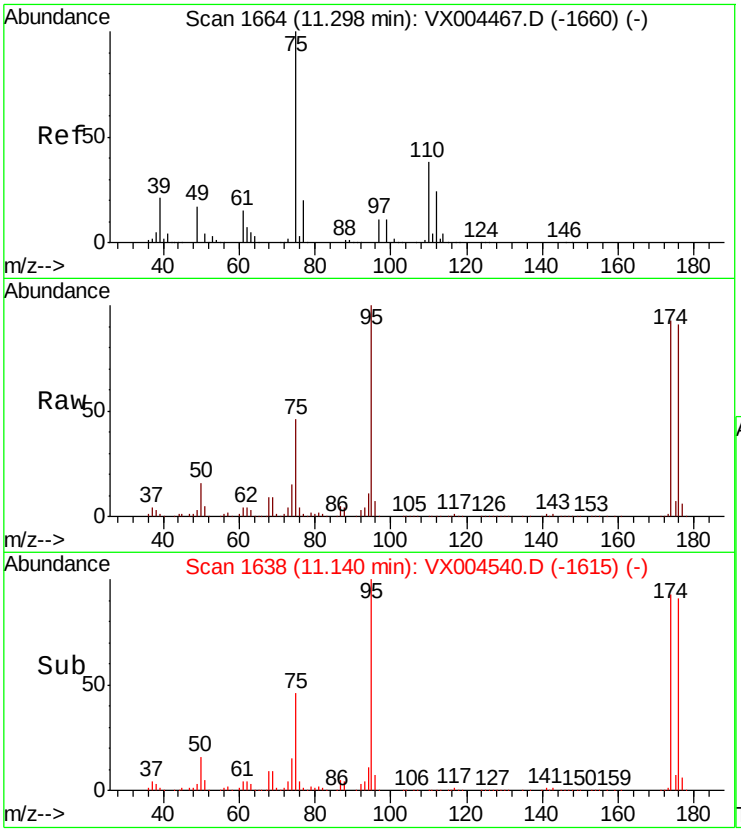


#73
Isopropylbenzene
Concen: 0.94 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX004540.D
Acq: 14 Sep 2018 15:20

Tgt Ion:105 Resp: 13324

Ion	Ratio	Lower	Upper
105	100		
120	27.1	13.5	40.4



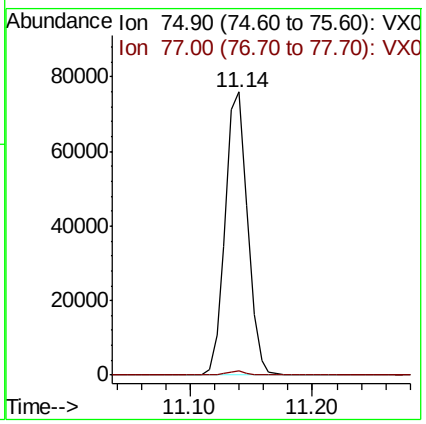


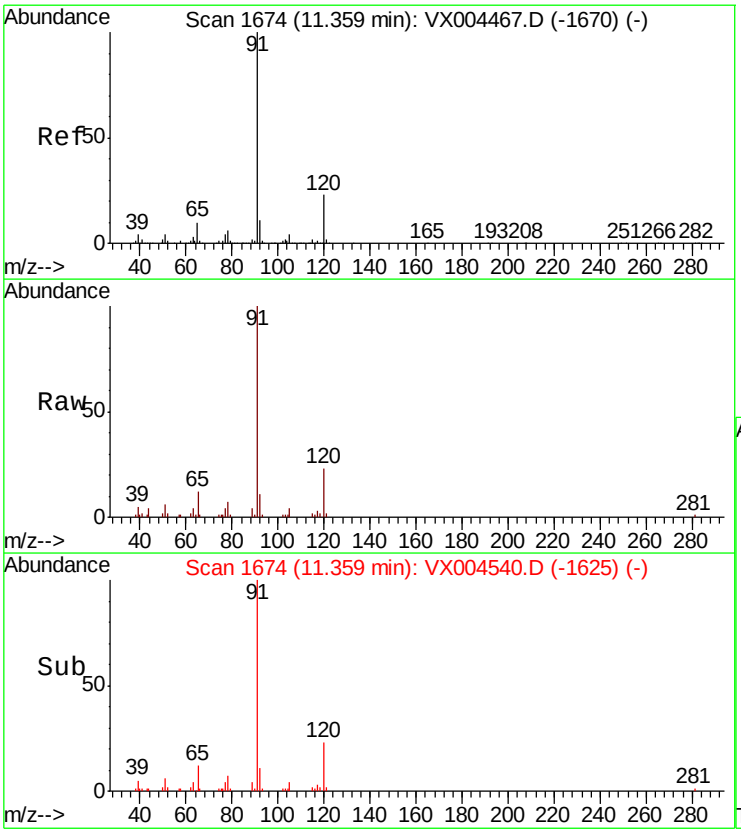
#76
1,2,3-Trichloropropane
Concen: 22.11 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX004540.D
Acq: 14 Sep 2018 15:20

Instrument :
MSVOA_X
ClientSampleId :
PR-MW-05-091218DL

Tgt Ion: 75 Resp: 95836

Ion	Ratio	Lower	Upper
75	100		
77	1.4	20.2	60.6#

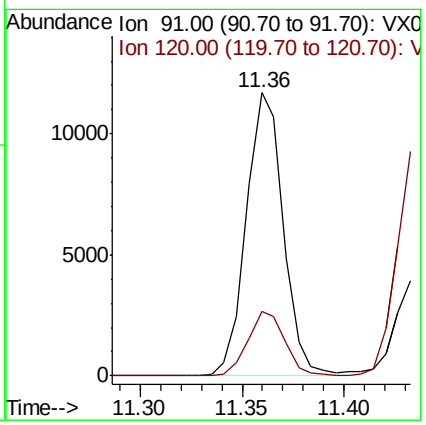


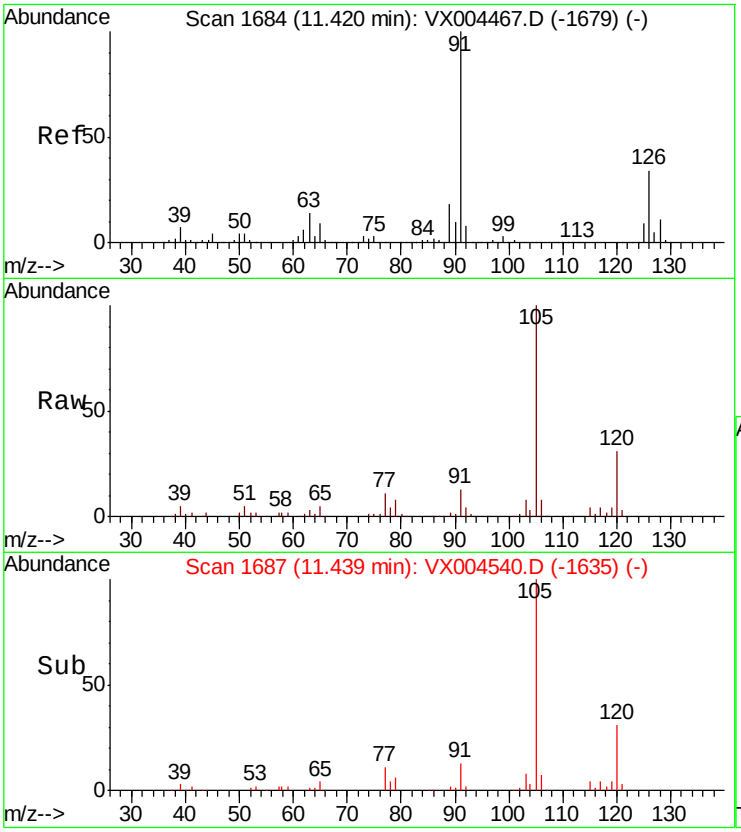


#78
n-propylbenzene
Concen: 0.91 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX004540.D
Acq: 14 Sep 2018 15:20

Tgt Ion: 91 Resp: 14785

Ion	Ratio	Lower	Upper
91	100		
120	22.6	11.9	35.9



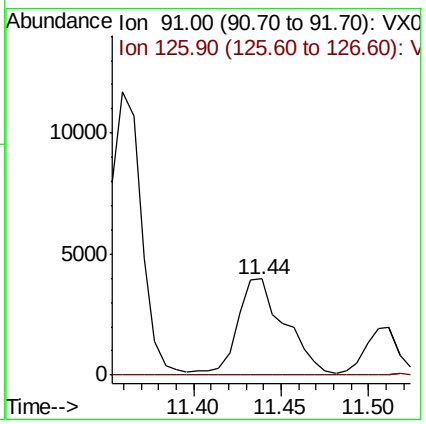


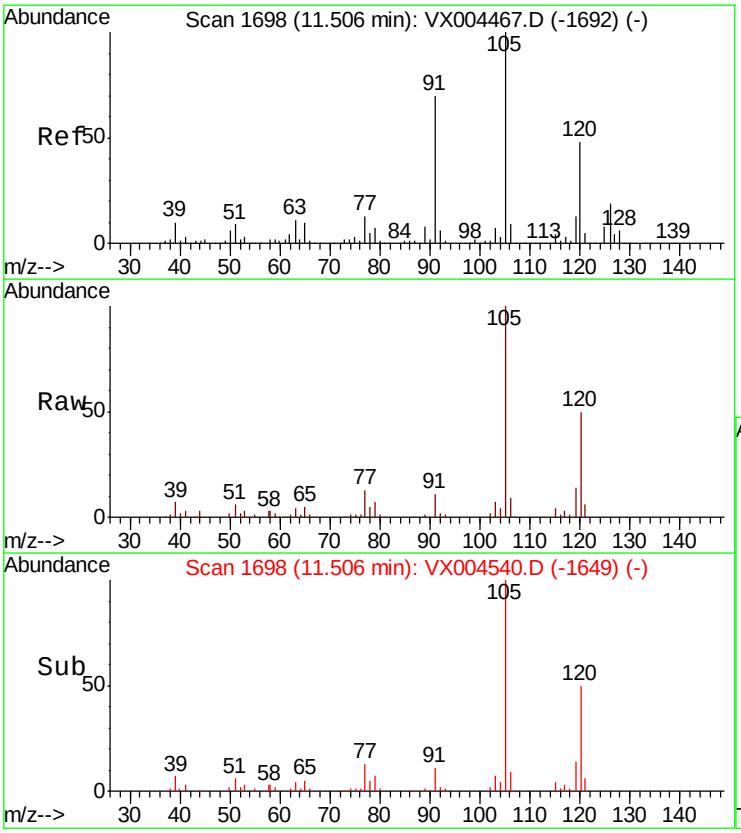
#79
2-Chlorotoluene
Concen: 0.76 ug/l
RT: 11.44 min Scan# 1687
Delta R.T. 0.02 min
Lab File: VX004540.D
Acq: 14 Sep 2018 15:20

Instrument :
MSVOA_X
ClientSampleId :
PR-MW-05-091218DL

Tgt Ion: 91 Resp: 7542

Ion	Ratio	Lower	Upper
91	100		
126	0.0	17.9	53.7#

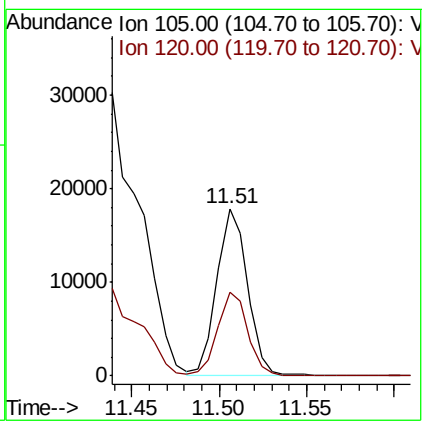


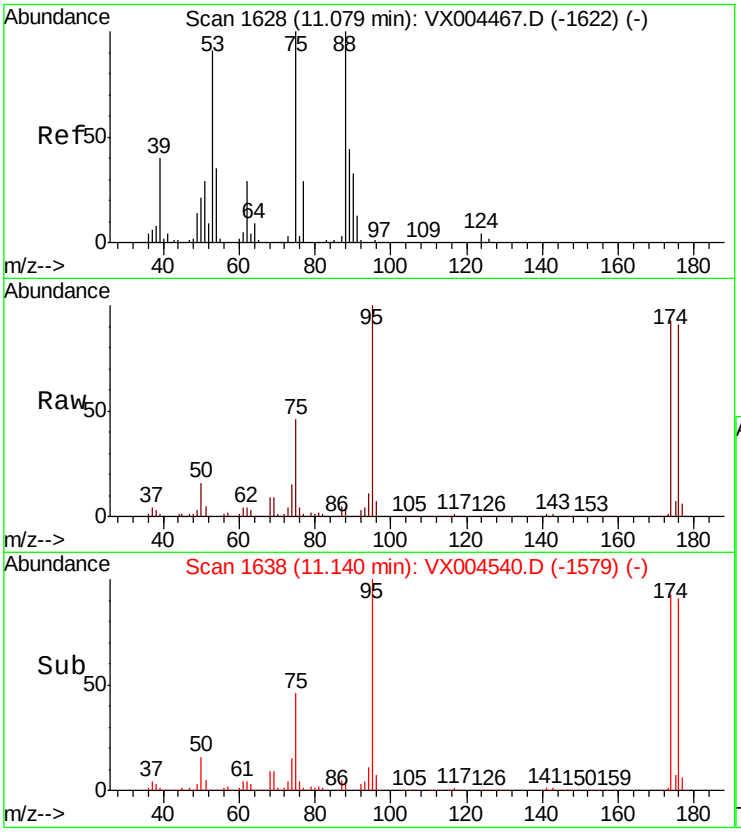


#80
1,3,5-Trimethylbenzene
Concen: 1.84 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX004540.D
Acq: 14 Sep 2018 15:20

Tgt Ion:105 Resp: 21960

Ion	Ratio	Lower	Upper
105	100		
120	49.5	25.6	76.8



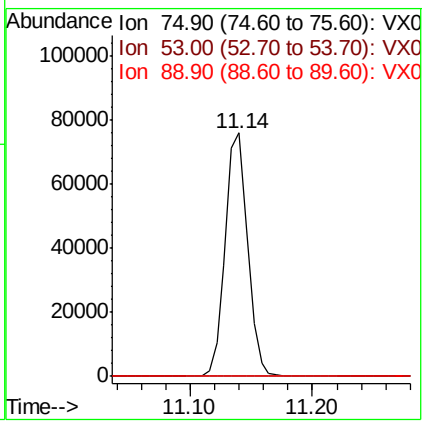


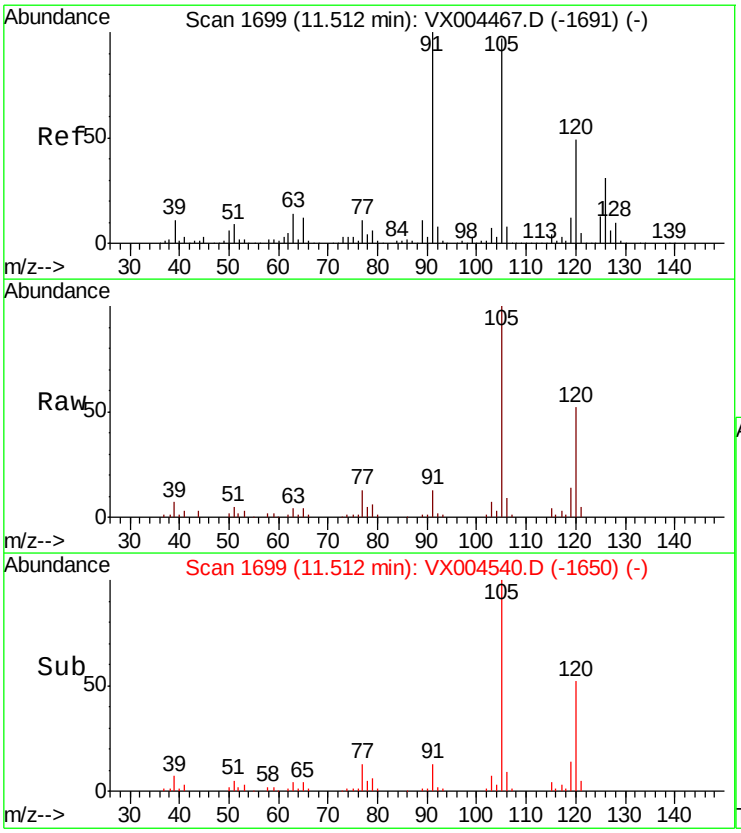
#81
trans-1,4-Dichloro-2-butene
Concen: 70.46 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.06 min
Lab File: VX004540.D
Acq: 14 Sep 2018 15:20

Instrument :
MSVOA_X
ClientSampleId :
PR-MW-05-091218DL

Tgt Ion: 75 Resp: 95836

Ion	Ratio	Lower	Upper
75	100		
53	0.0	80.1	120.1#
89	0.0	37.2	55.8#

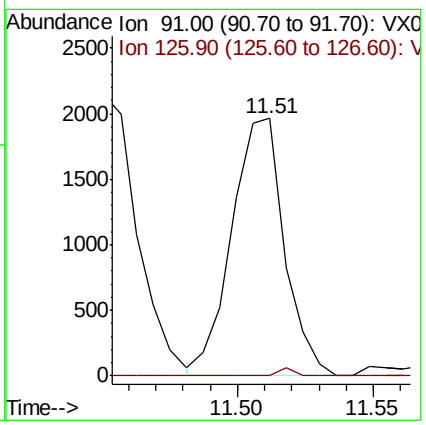


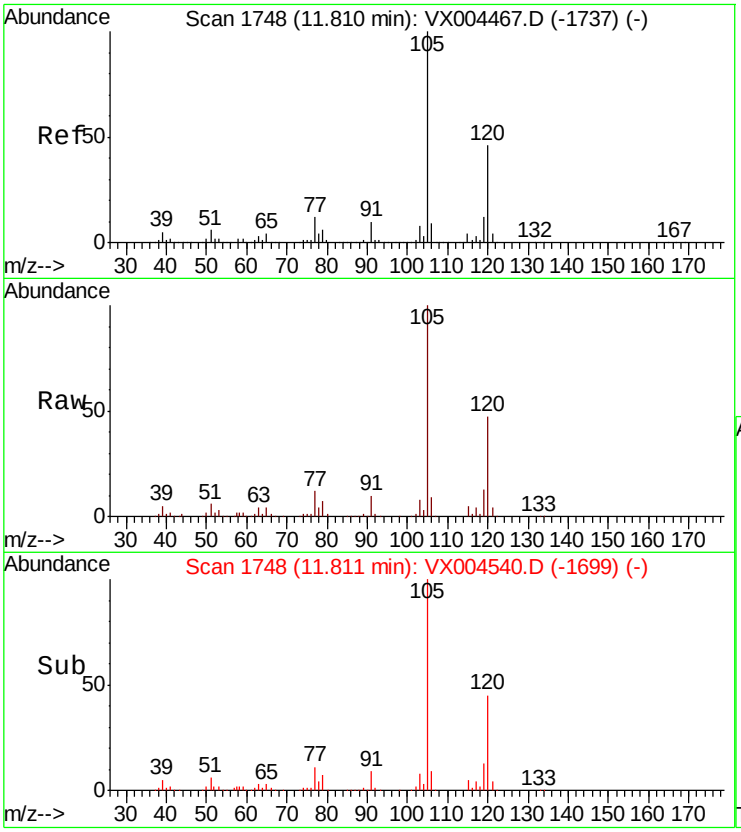


#82
4-Chlorotoluene
Concen: 0.23 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX004540.D
Acq: 14 Sep 2018 15:20

Tgt Ion: 91 Resp: 2637

Ion	Ratio	Lower	Upper
91	100		
126	0.9	15.5	46.5#



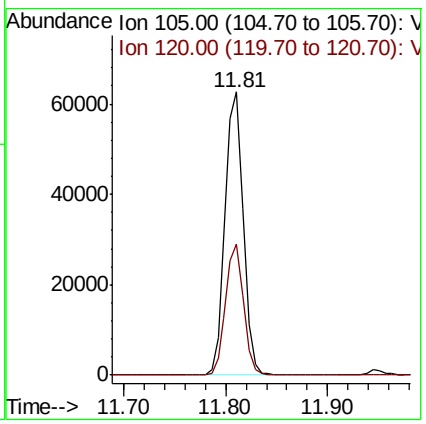


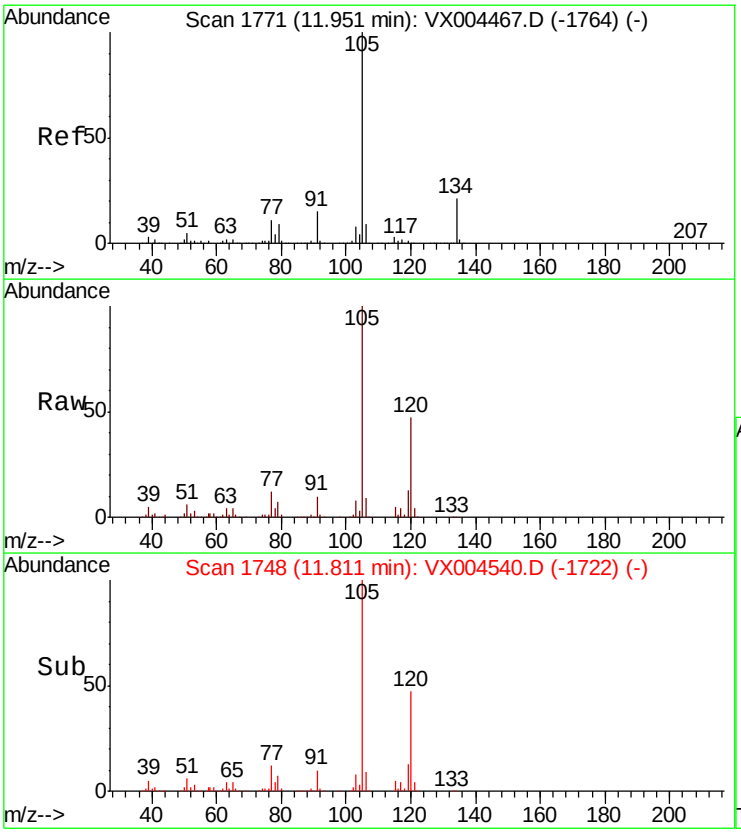
#84
1,2,4-Trimethylbenzene
Concen: 6.37 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VX004540.D
Acq: 14 Sep 2018 15:20

Instrument :
MSVOA_X
ClientSampleId :
PR-MW-05-091218DL

Tgt Ion:105 Resp: 77553

Ion	Ratio	Lower	Upper
105	100		
120	45.5	23.2	69.6

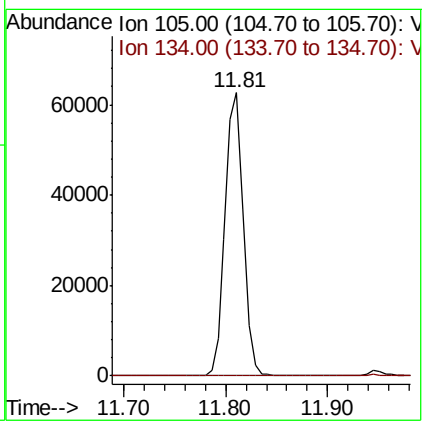


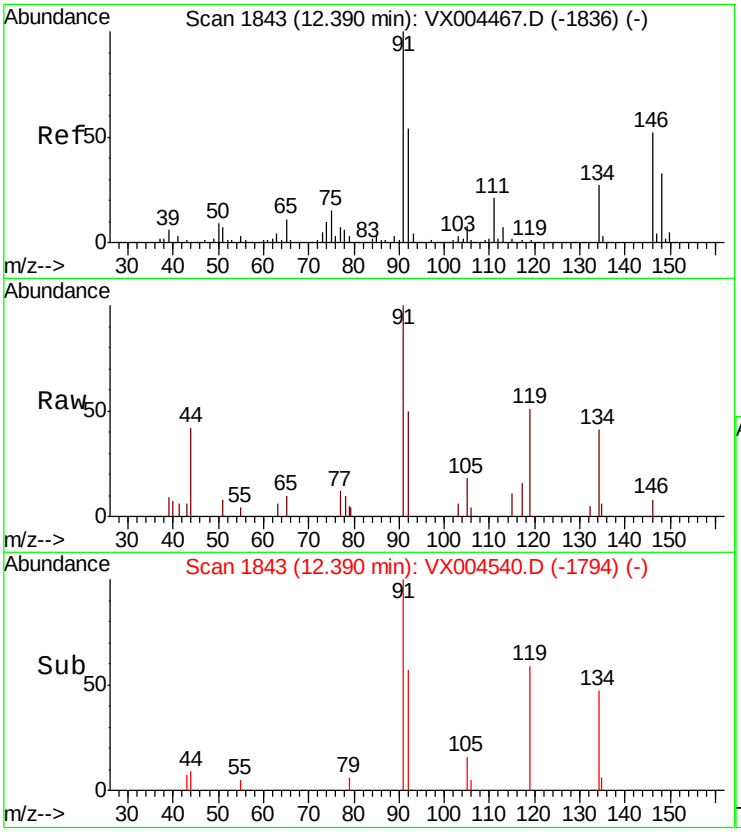


#85
sec-Butylbenzene
Concen: 5.36 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. -0.14 min
Lab File: VX004540.D
Acq: 14 Sep 2018 15:20

Tgt Ion:105 Resp: 77553

Ion	Ratio	Lower	Upper
105	100		
134	0.2	10.5	31.5#



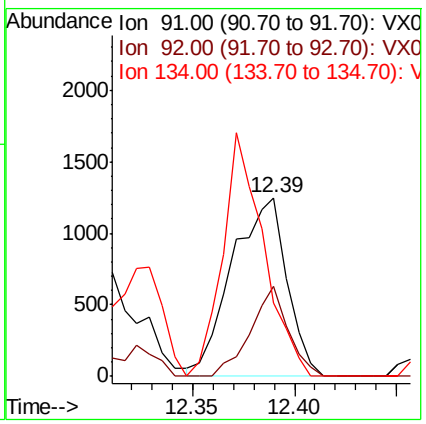


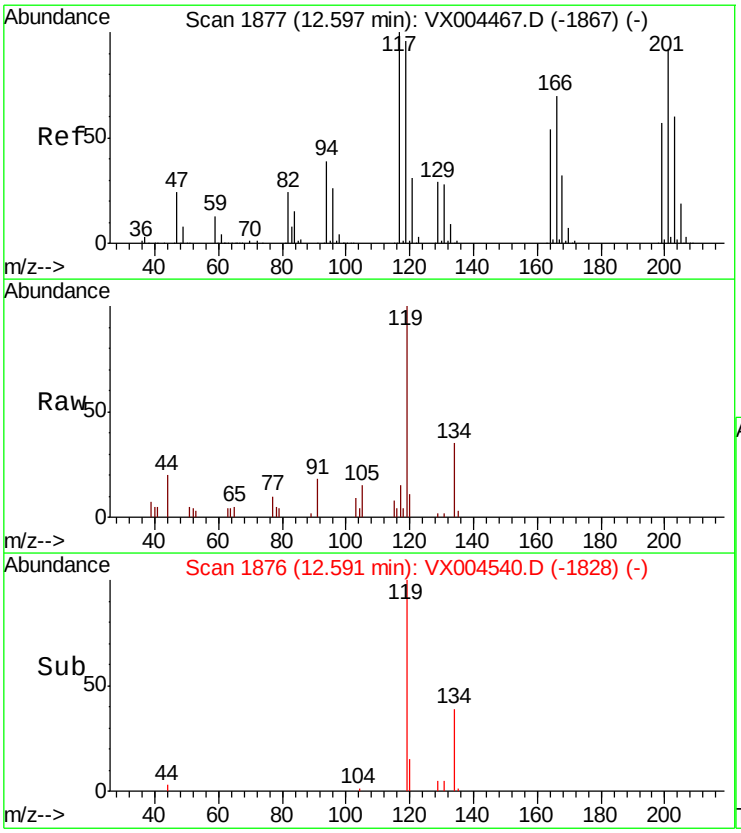
#89
n-Butylbenzene
Concen: 0.20 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX004540.D
Acq: 14 Sep 2018 15:20

Instrument :
MSVOA_X
ClientSampleId :
PR-MW-05-091218DL

Tgt Ion: 91 Resp: 2336

Ion	Ratio	Lower	Upper
91	100		
92	34.7	27.3	81.9
134	100.9	13.6	40.7#

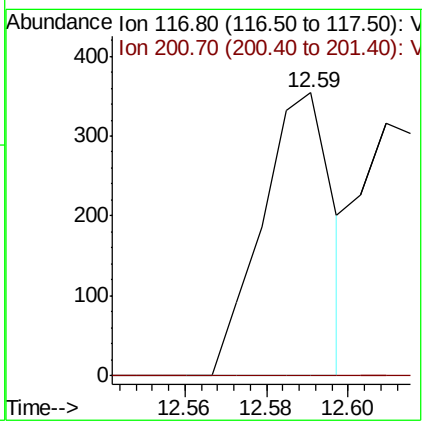


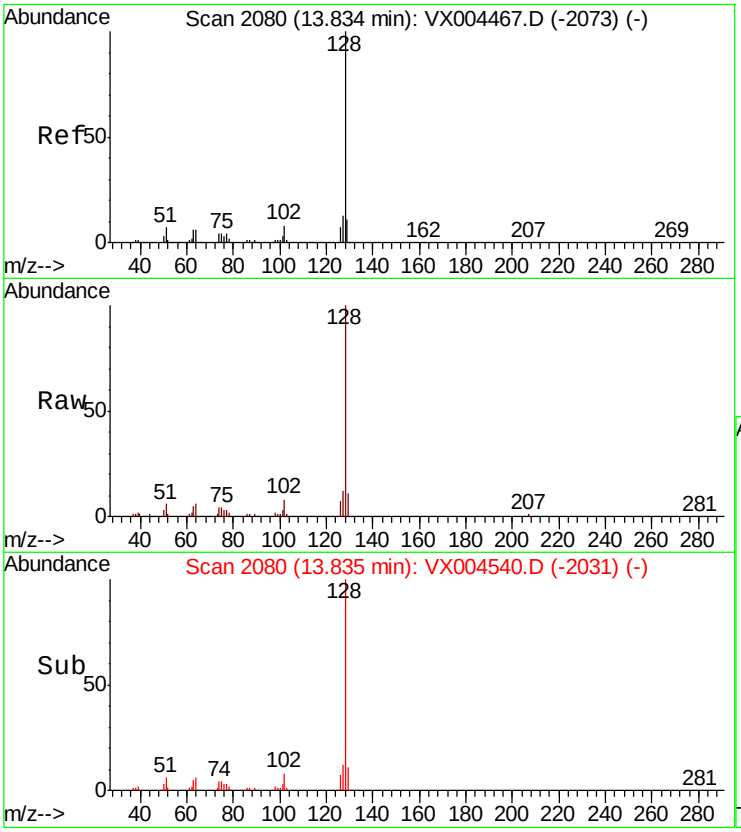


#90
Hexachloroethane
Concen: 0.21 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX004540.D
Acq: 14 Sep 2018 15:20

Tgt Ion:117 Resp: 426

Ion	Ratio	Lower	Upper
117	100		
201	0.0	46.9	140.6#





#95
Naphthalene
Concen: 1.85 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX004540.D
Acq: 14 Sep 2018 15:20

Instrument :
MSVOA_X
ClientSampleId :
PR-MW-05-091218DL

Tgt Ion:128 Resp: 27156

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.2
129	11.0	8.6	12.8