Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101718\
Data File : VX005402.D
Acq On : 17 Oct 2018 21:07
Operator : JC/MD
Sample : J5569-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : RLF-GW-7S

Quant Time: Oct 19 09:55:53 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 12 11:28:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	302157	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	444146	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	388101	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	192204	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	165494	49.35	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.70%			
35) Dibromofluoromethane	5.50	113	135118	45.93	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.86%			
50) Toluene-d8	8.71	98	513868	50.88	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.76%			
62) 4-Bromofluorobenzene	11.14	95	175531	46.27	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.54%			
Target Compounds						Qvalue
8) Diethyl Ether	2.19	74	40187	20.34	ug/l	92
11) Tert butyl alcohol	3.07	59	18040	19.07	ug/l	95
16) Acetone	2.45	43	5490	2.83	ug/l	96
29) Tetrahydrofuran	5.16	42	7726	4.27	ug/l	95
31) Cyclohexane	5.58	56	2455	0.53	ug/l	97
40) Benzene	6.15	78	97320	7.54	ug/l #	87
65) Chlorobenzene	10.14	112	100821	12.21	ug/l	94
68) m/p-Xylenes	10.36	106	9974	1.91	ug/l	99
73) Isopropylbenzene	11.02	105	34708	3.04	ug/l	98
78) n-propylbenzene	11.36	91	4674	0.36	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	22951	3.67	ug/l	92
91) 1,2-Dichlorobenzene	12.40	146	1679	0.27	ug/l	93
95) Naphthalene	13.83	128	39504	2.98	ug/l	99

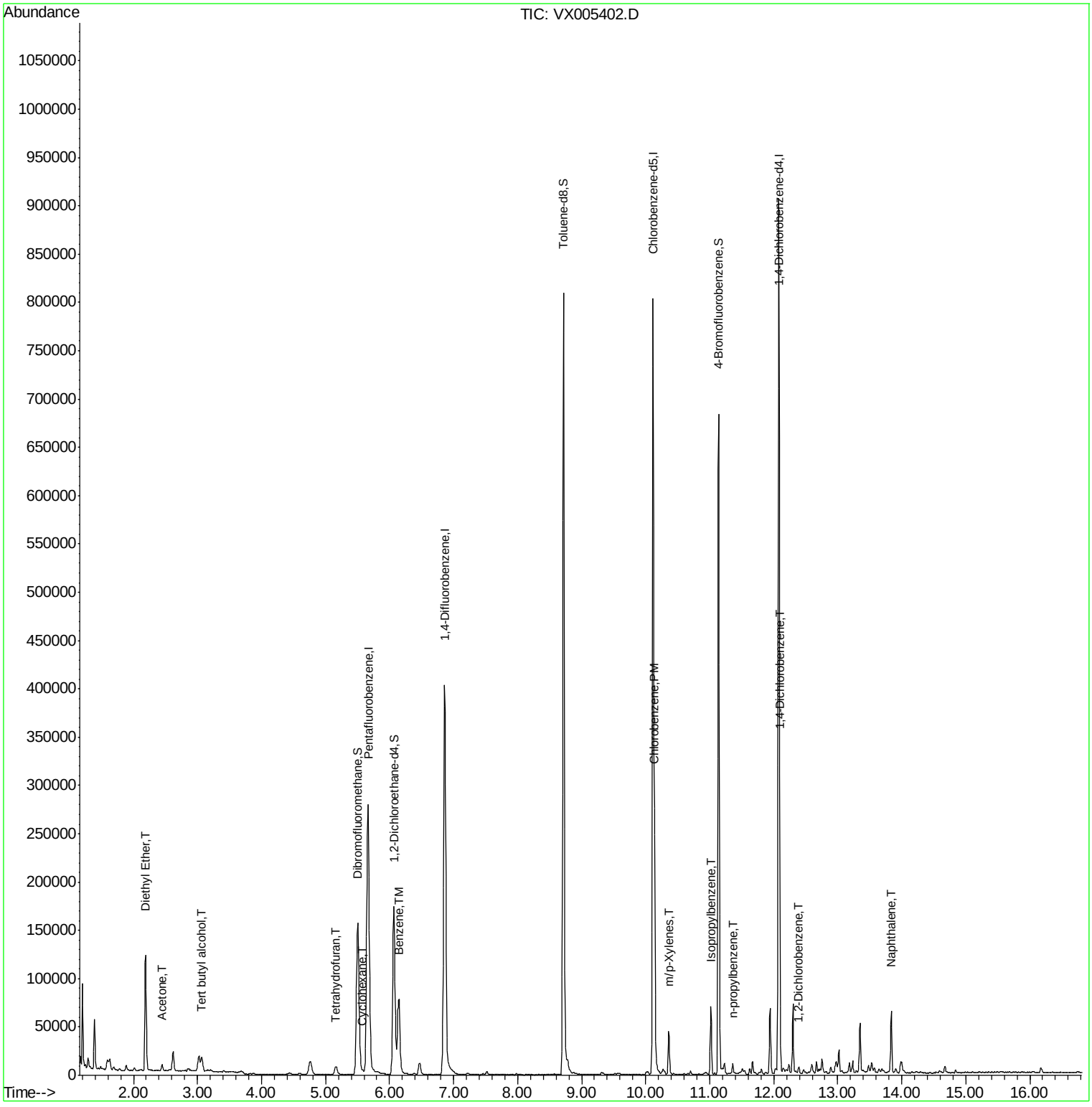
(#) = qualifier out of range (m) = manual integration (+) = signals summed

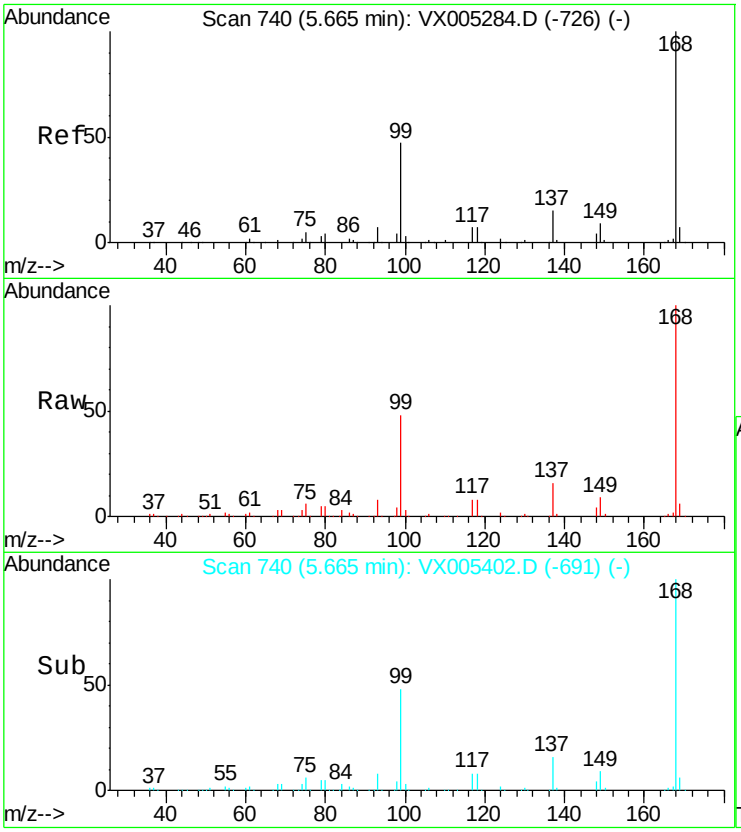
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101718\
Data File : VX005402.D
Acq On : 17 Oct 2018 21:07
Operator : JC/MD
Sample : J5569-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RLF-GW-7S

Quant Time: Oct 19 09:55:53 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 12 11:28:43 2018
Response via : Initial Calibration



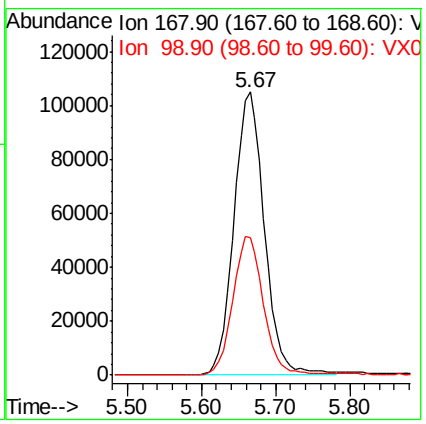


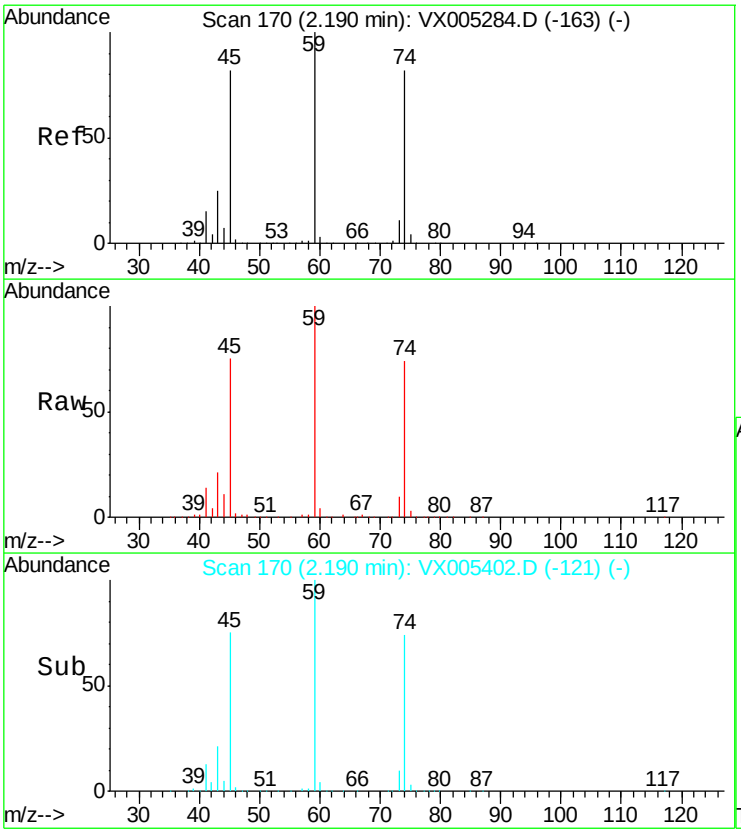
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX005402.D
Acq: 17 Oct 2018 21:07

Instrument :
MSVOA_X
ClientSampleId :
RLF-GW-7S

Tgt Ion:168 Resp: 302157

Ion	Ratio	Lower	Upper
168	100		
99	48.3	39.9	59.9

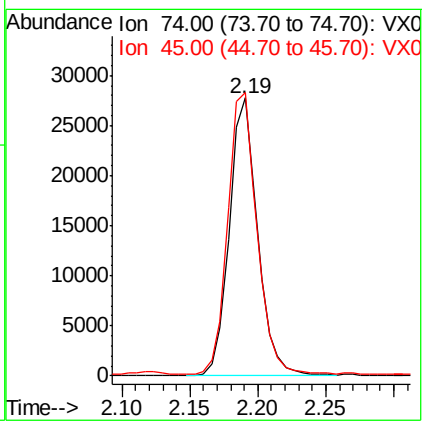


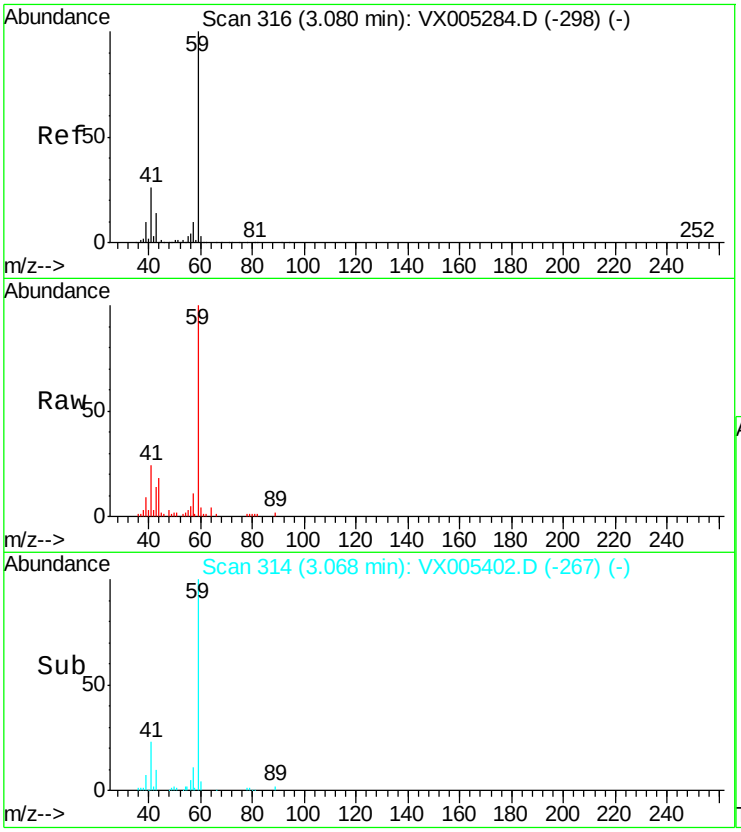


#8
Diethyl Ether
Concen: 20.34 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX005402.D
Acq: 17 Oct 2018 21:07

Tgt Ion: 74 Resp: 40187

Ion	Ratio	Lower	Upper
74	100		
45	104.3	48.3	144.8



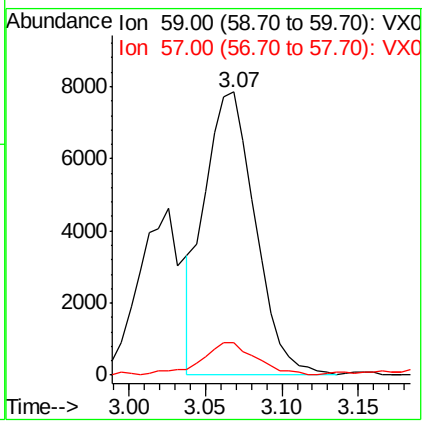


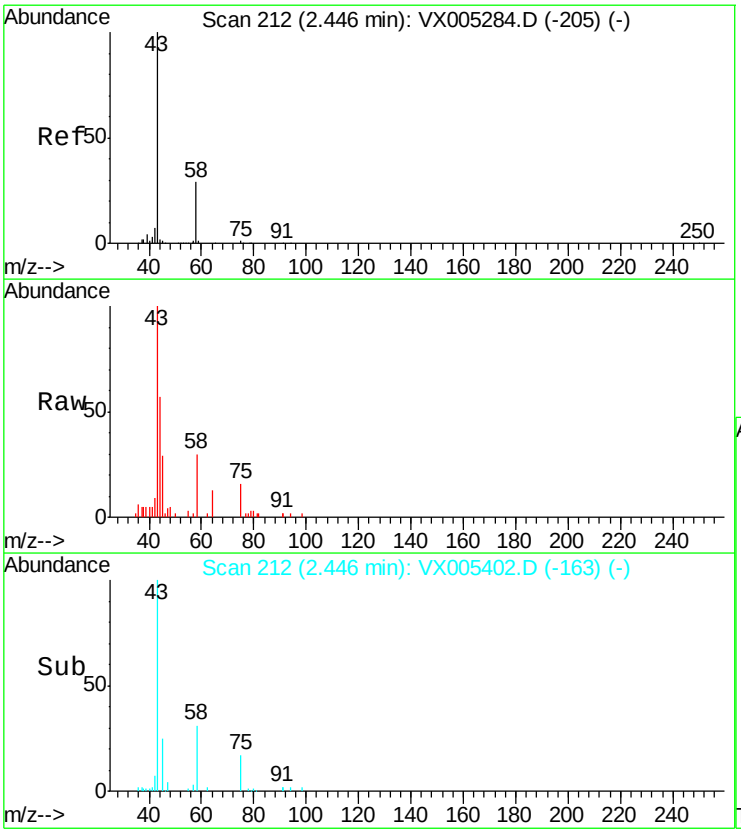
#11
Tert butyl alcohol
Concen: 19.07 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX005402.D
Acq: 17 Oct 2018 21:07

Instrument :
MSVOA_X
ClientSampleId :
RLF-GW-7S

Tgt Ion: 59 Resp: 18040

Ion	Ratio	Lower	Upper
59	100		
57	12.3	8.2	12.4

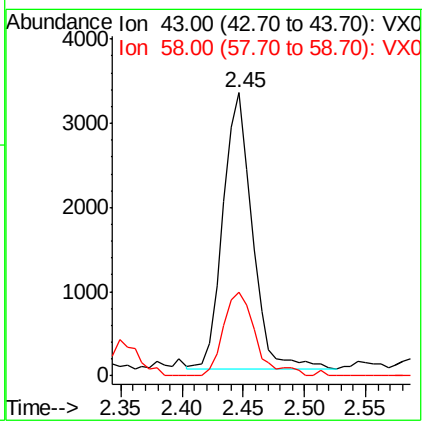


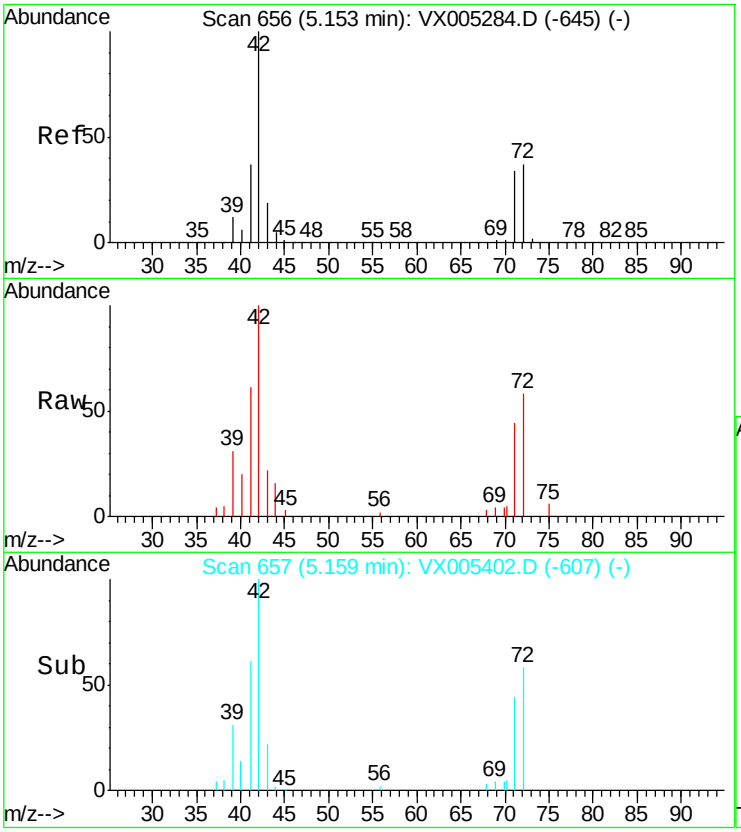


#16
Acetone
Concen: 2.83 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX005402.D
Acq: 17 Oct 2018 21:07

Tgt Ion: 43 Resp: 5490

Ion	Ratio	Lower	Upper
43	100		
58	30.4	26.2	39.4



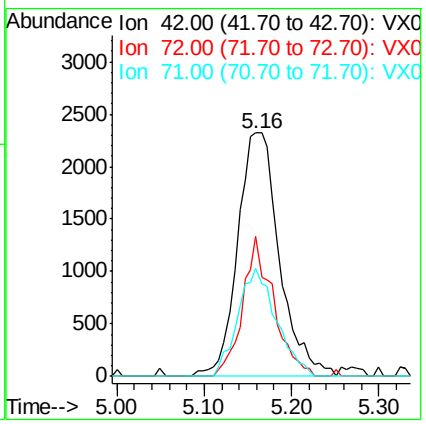


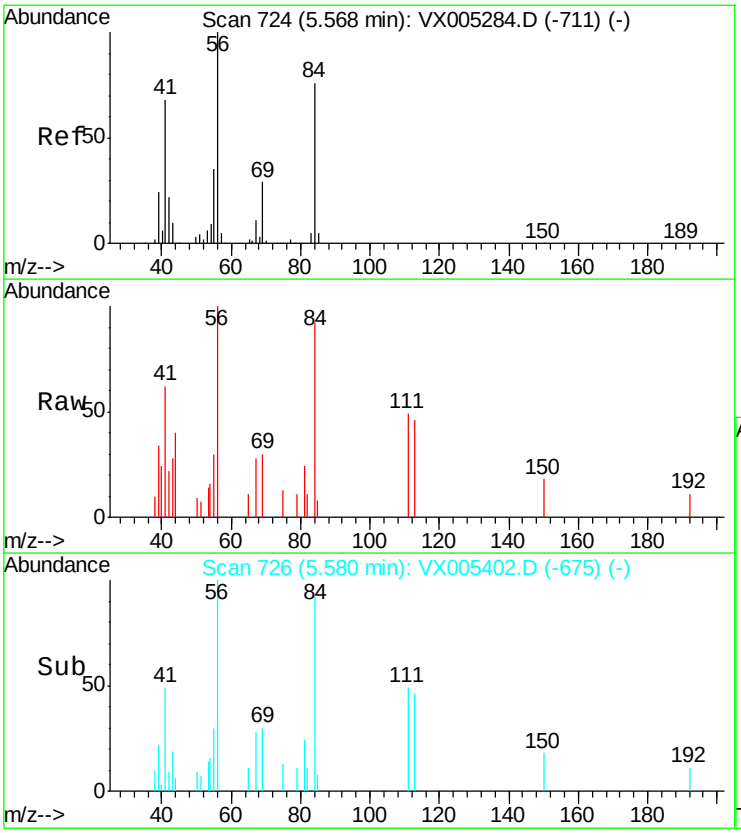
#29
Tetrahydrofuran
Concen: 4.27 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX005402.D
Acq: 17 Oct 2018 21:07

Instrument :
MSVOA_X
ClientSampleId :
RLF-GW-7S

Tgt Ion: 42 Resp: 7726

Ion	Ratio	Lower	Upper
42	100		
72	42.2	37.4	56.0
71	40.7	34.5	51.7

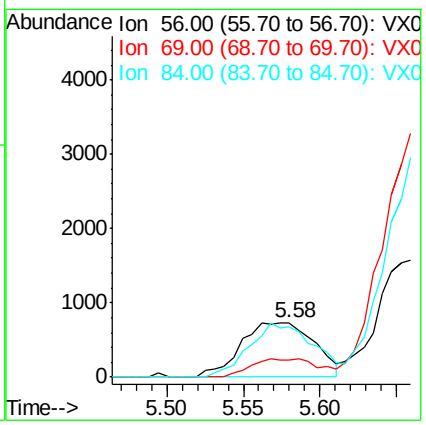


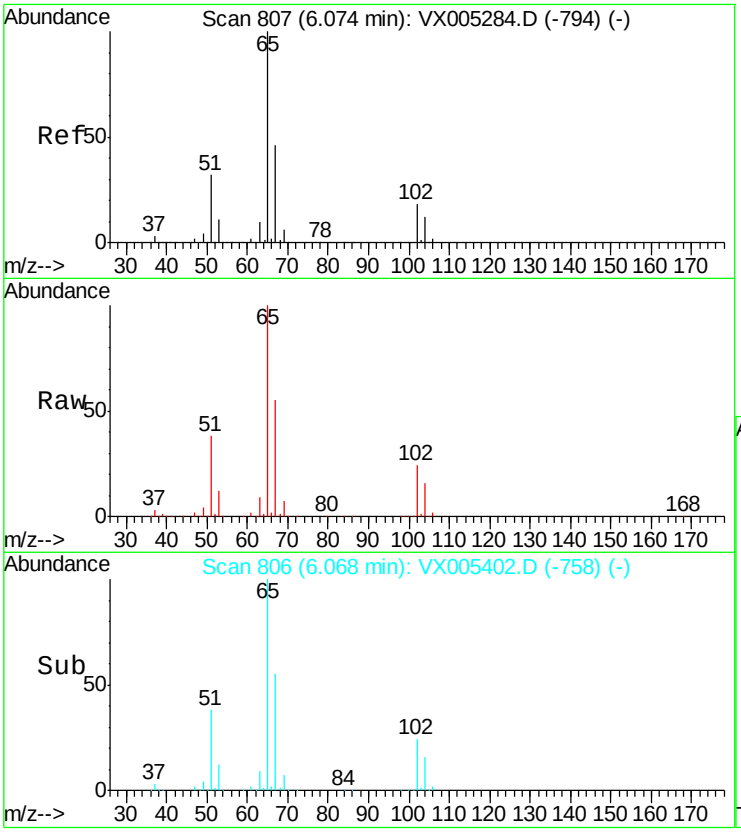


#31
Cyclohexane
Concen: 0.53 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX005402.D
Acq: 17 Oct 2018 21:07

Tgt Ion: 56 Resp: 2455

Ion	Ratio	Lower	Upper
56	100		
69	30.2	25.4	38.2
84	92.0	71.4	107.2



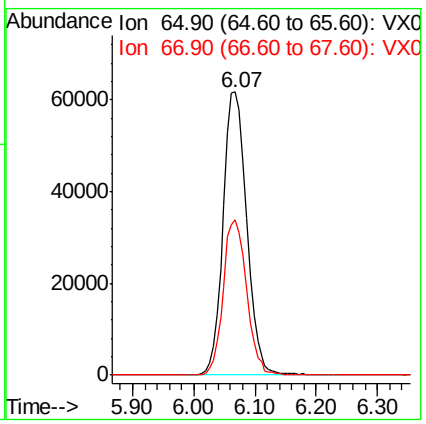


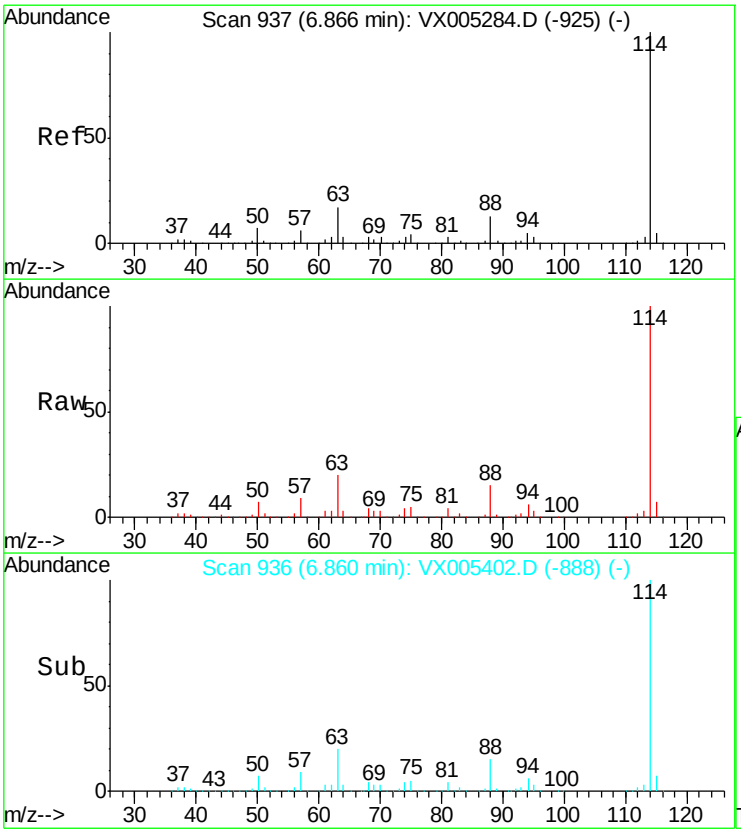
#33
1,2-Dichloroethane-d4
Concen: 49.35 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.01 min
Lab File: VX005402.D
Acq: 17 Oct 2018 21:07

Instrument :
MSVOA_X
ClientSampleId :
RLF-GW-7S

Tgt Ion: 65 Resp: 165494

Ion	Ratio	Lower	Upper
65	100		
67	54.5	0.0	106.8

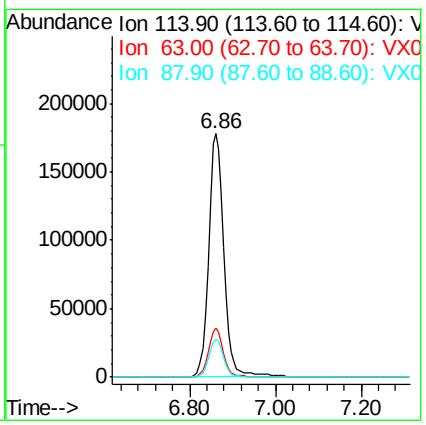


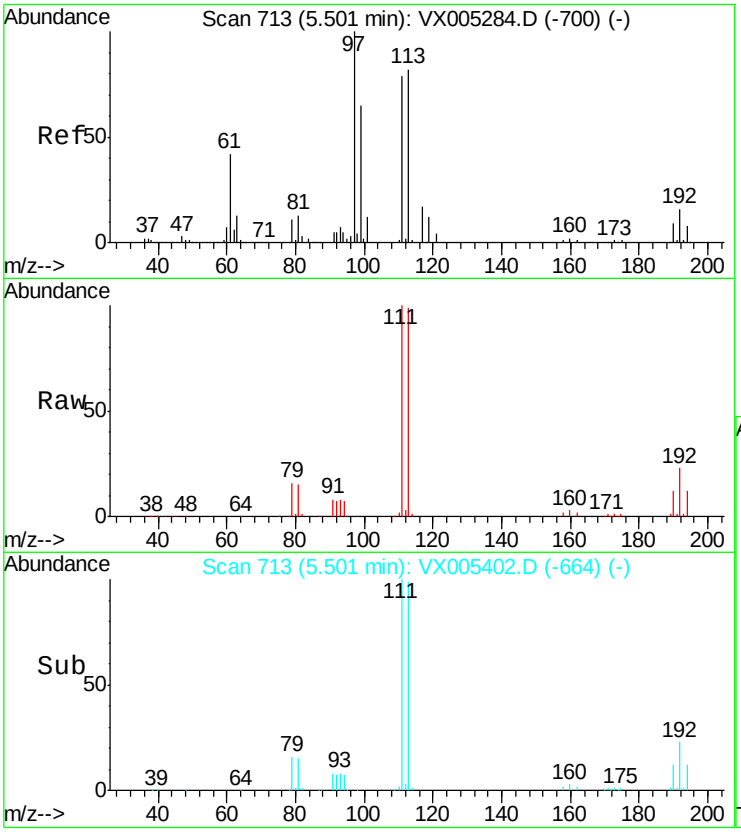


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.01 min
Lab File: VX005402.D
Acq: 17 Oct 2018 21:07

Tgt Ion:114 Resp: 444146

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	39.0
88	15.2	0.0	30.4



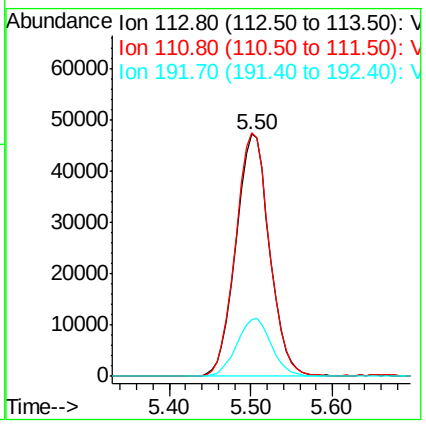


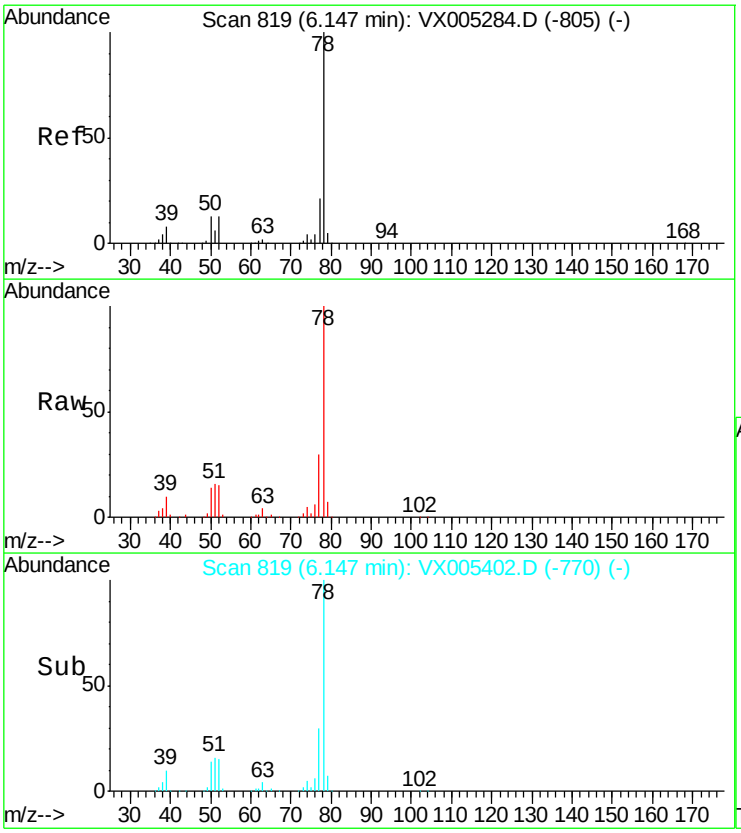
#35
Dibromofluoromethane
Concen: 45.93 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX005402.D
Acq: 17 Oct 2018 21:07

Instrument :
MSVOA_X
ClientSampleId :
RLF-GW-7S

Tgt Ion:113 Resp: 135118

Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.4	123.6
192	24.5	19.4	29.2

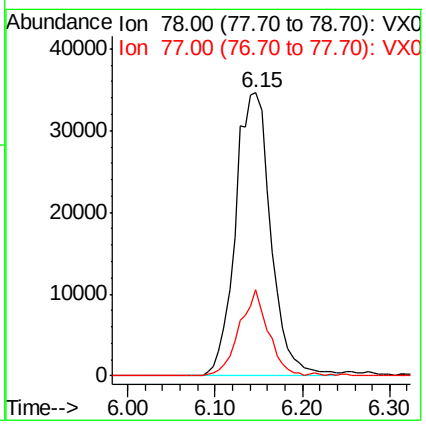


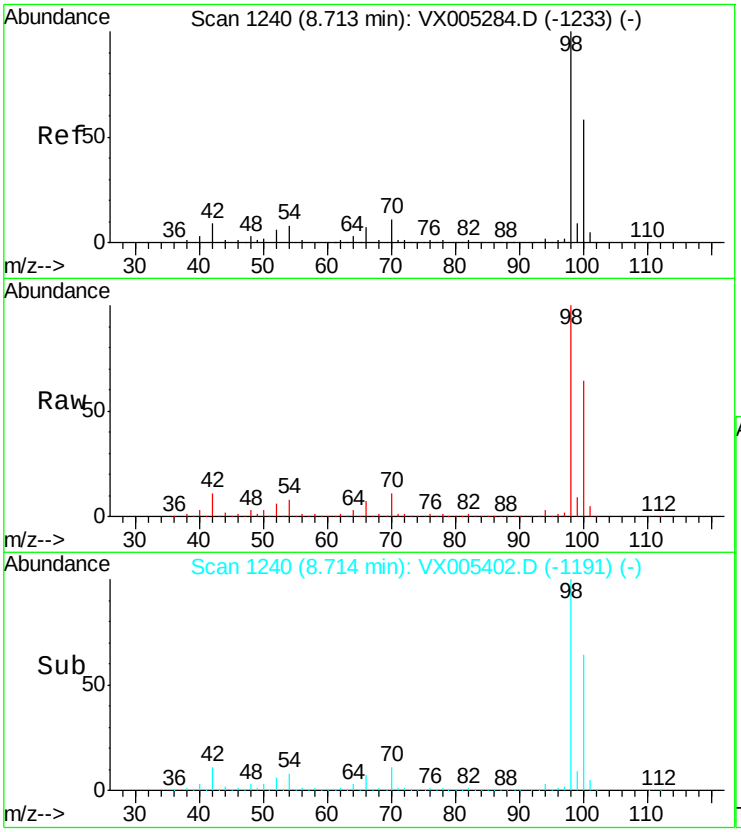


#40
Benzene
Concen: 7.54 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.00 min
Lab File: VX005402.D
Acq: 17 Oct 2018 21:07

Tgt Ion: 78 Resp: 97320

Ion	Ratio	Lower	Upper
78	100		
77	30.3	19.0	28.4#



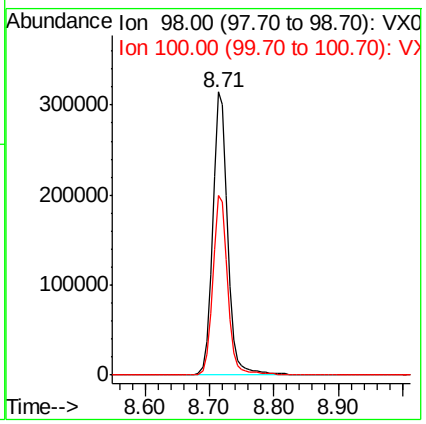


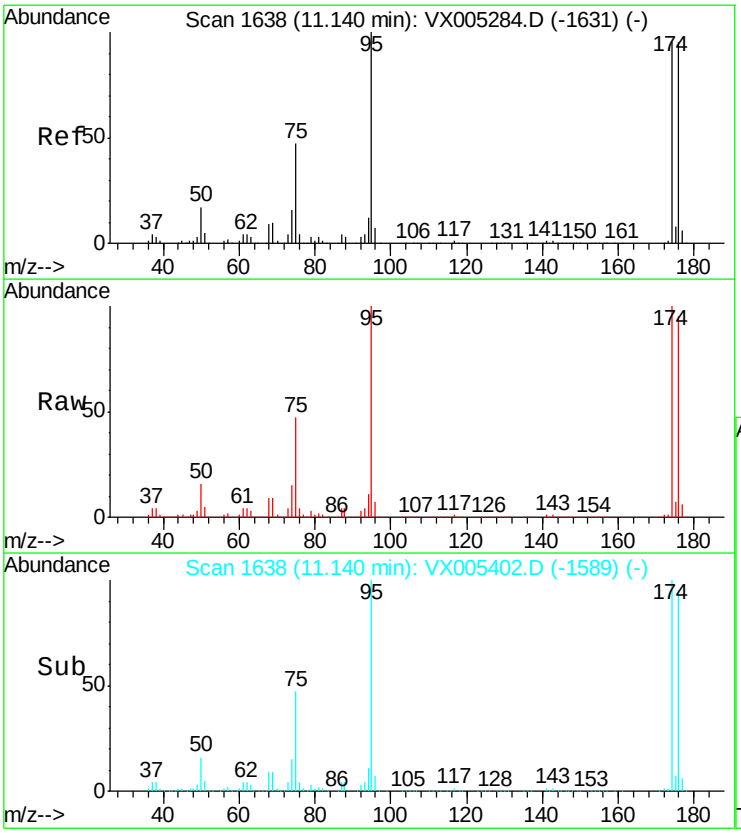
#50
Toluene-d8
Concen: 50.88 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX005402.D
Acq: 17 Oct 2018 21:07

Instrument :
MSVOA_X
ClientSampleId :
RLF-GW-7S

Tgt Ion: 98 Resp: 513868

Ion	Ratio	Lower	Upper
98	100		
100	63.6	52.9	79.3

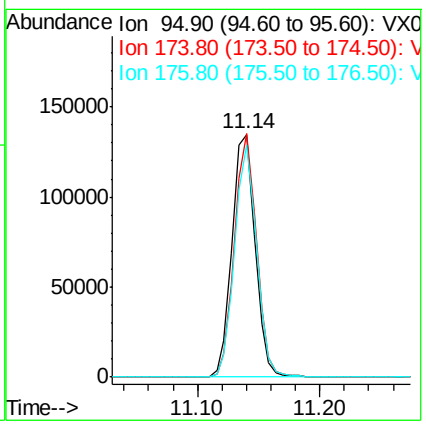


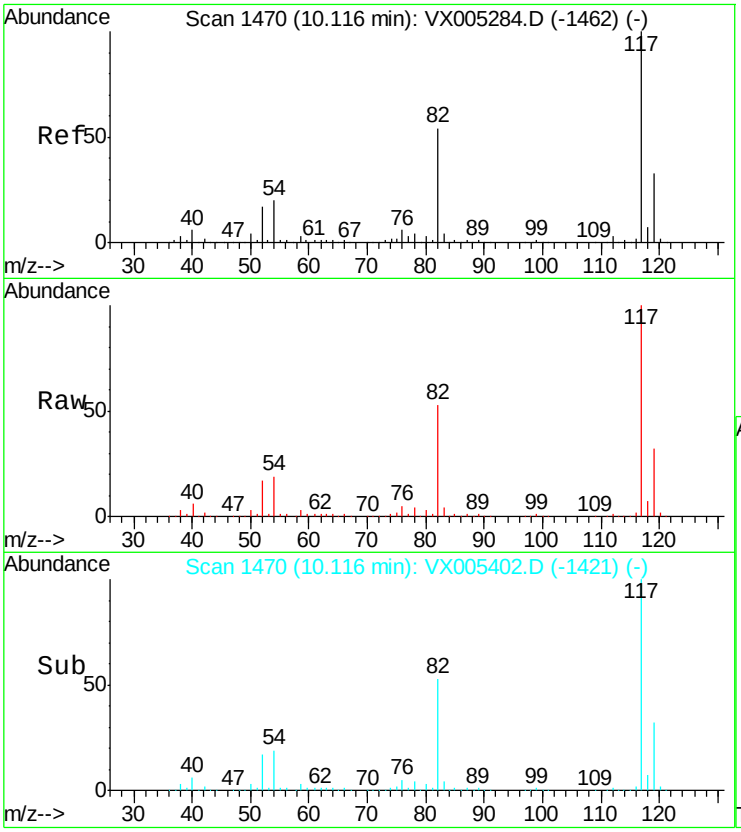


#62
4-Bromofluorobenzene
Concen: 46.27 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX005402.D
Acq: 17 Oct 2018 21:07

Tgt Ion: 95 Resp: 175531

Ion	Ratio	Lower	Upper
95	100		
174	96.0	0.0	185.2
176	91.4	0.0	178.6



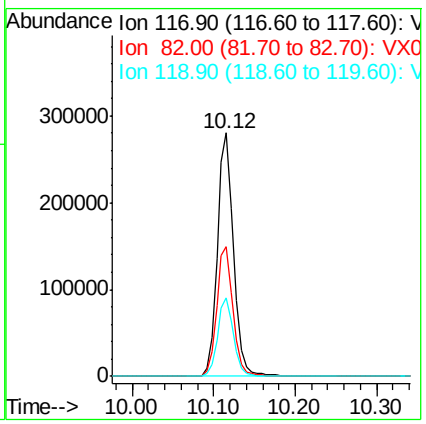


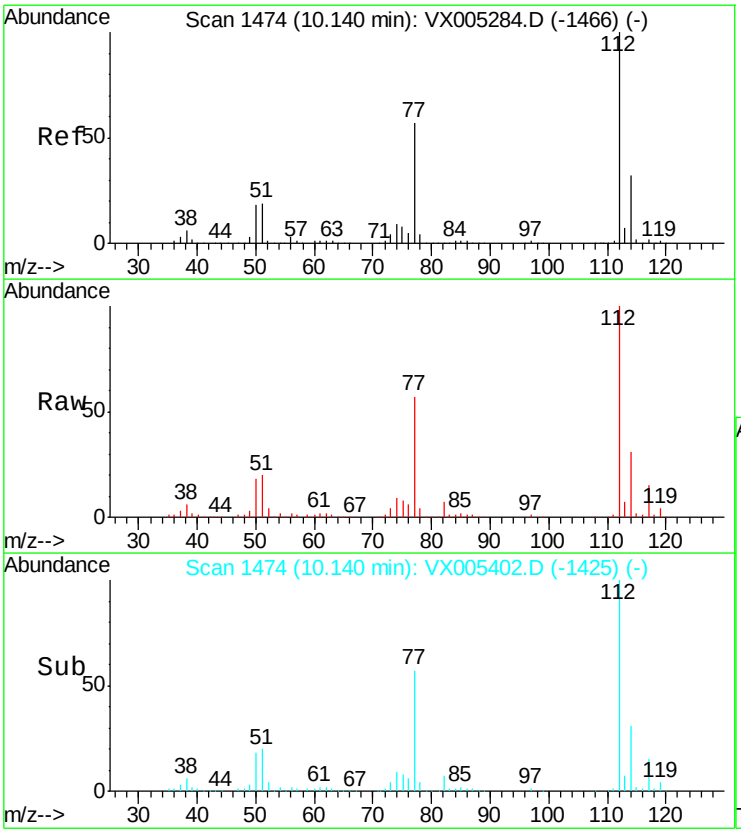
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005402.D
Acq: 17 Oct 2018 21:07

Instrument :
MSVOA_X
ClientSampleId :
RLF-GW-7S

Tgt Ion:117 Resp: 388101

Ion	Ratio	Lower	Upper
117	100		
82	53.1	47.8	71.6
119	32.0	29.3	43.9

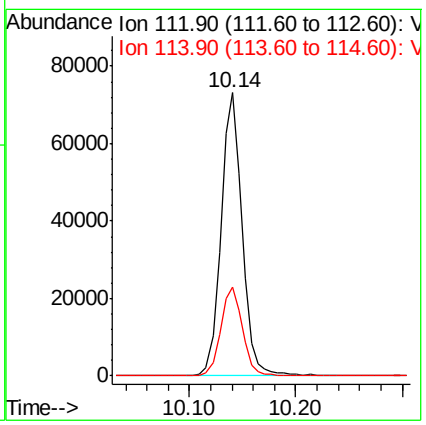


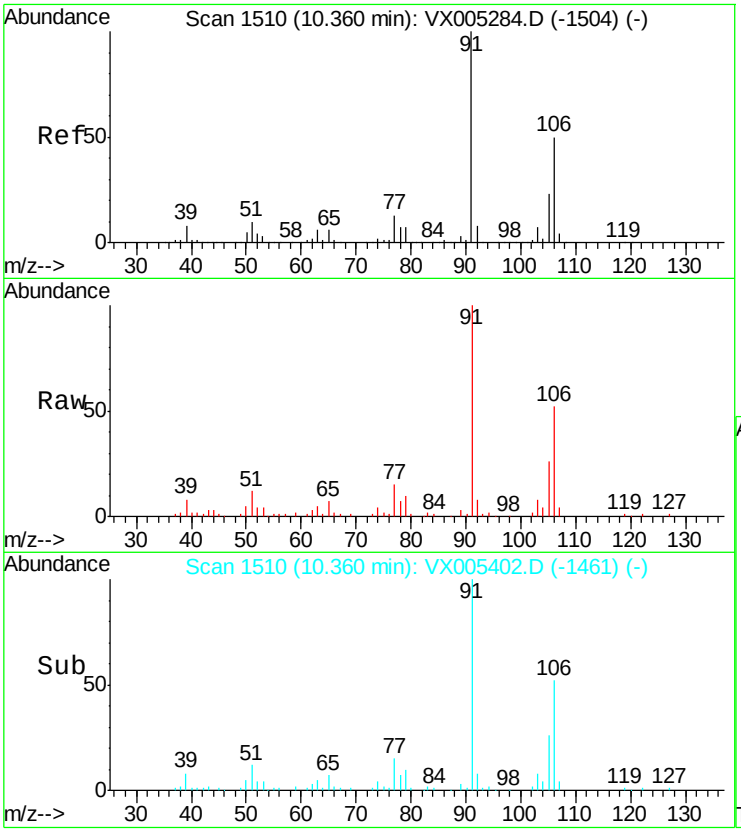


#65
Chlorobenzene
Concen: 12.21 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX005402.D
Acq: 17 Oct 2018 21:07

Tgt Ion:112 Resp: 100821

Ion	Ratio	Lower	Upper
112	100		
114	31.2	27.8	41.8



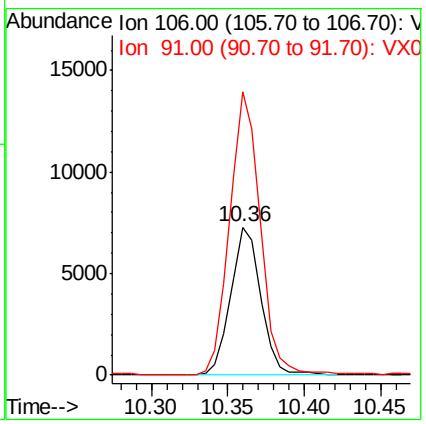


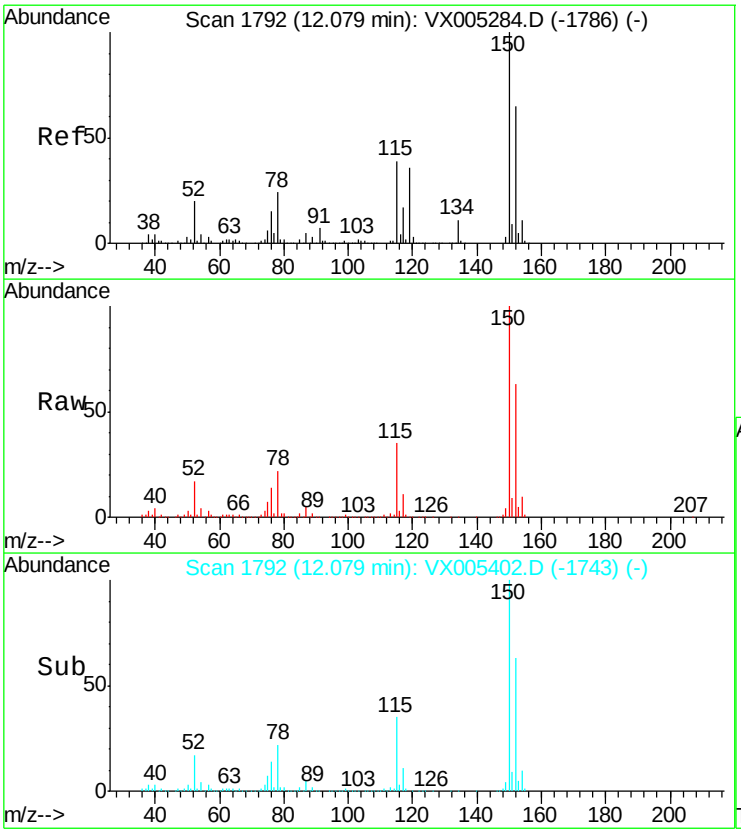
#68
m/p-Xylenes
Concen: 1.91 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX005402.D
Acq: 17 Oct 2018 21:07

Instrument :
MSVOA_X
ClientSampleId :
RLF-GW-7S

Tgt Ion:106 Resp: 9974

Ion	Ratio	Lower	Upper
106	100		
91	195.2	157.1	235.7

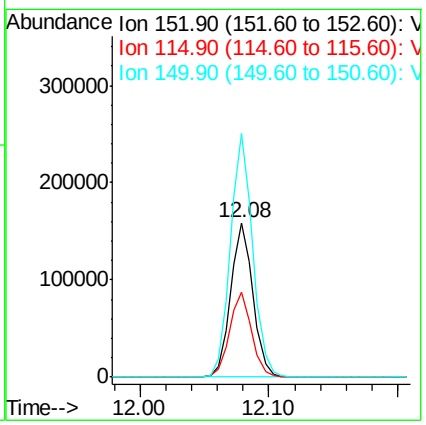


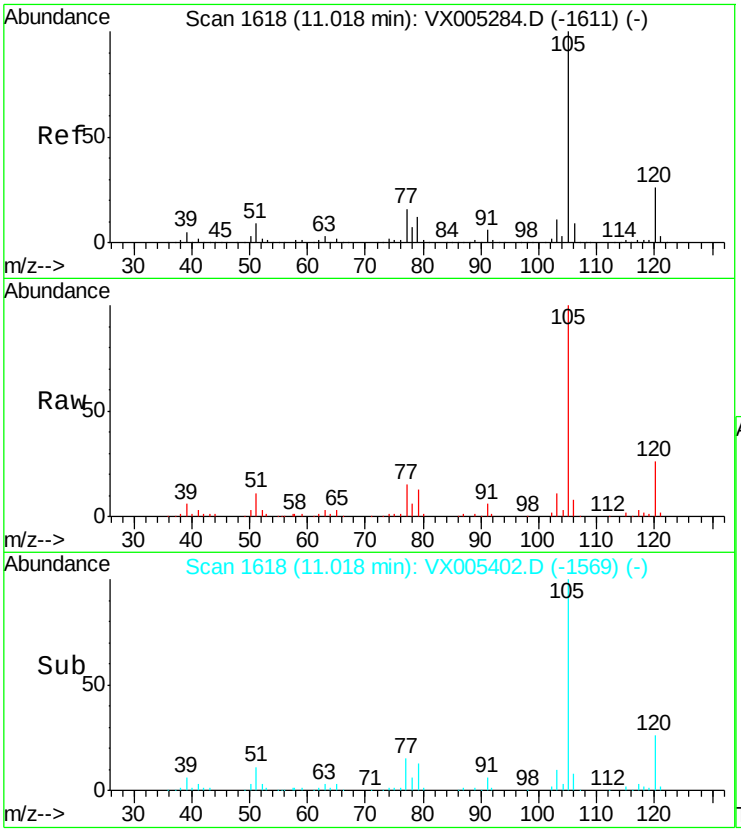


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX005402.D
Acq: 17 Oct 2018 21:07

Tgt Ion:152 Resp: 192204

Ion	Ratio	Lower	Upper
152	100		
115	54.5	39.0	117.0
150	157.4	0.0	351.0



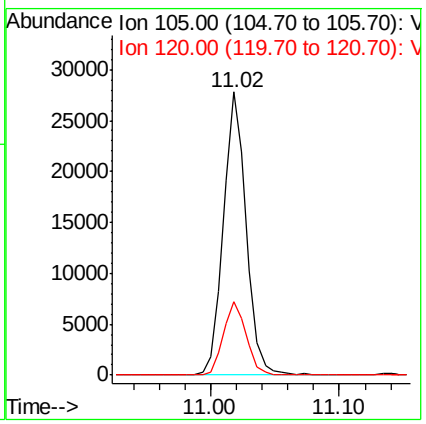


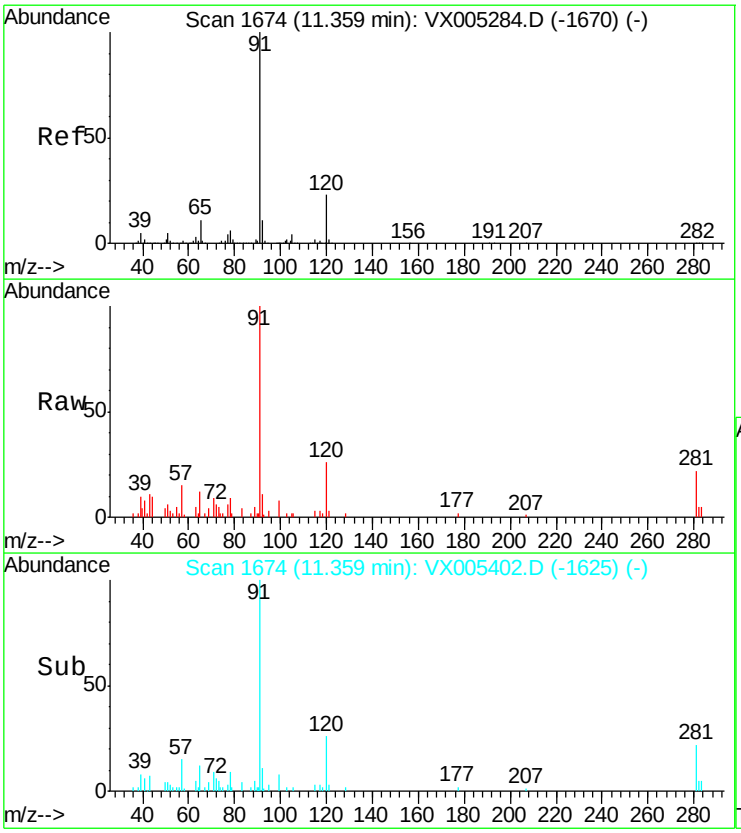
#73
Isopropylbenzene
Concen: 3.04 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX005402.D
Acq: 17 Oct 2018 21:07

Instrument :
MSVOA_X
ClientSampleId :
RLF-GW-7S

Tgt Ion:105 Resp: 34708

Ion	Ratio	Lower	Upper
105	100		
120	25.9	13.5	40.4

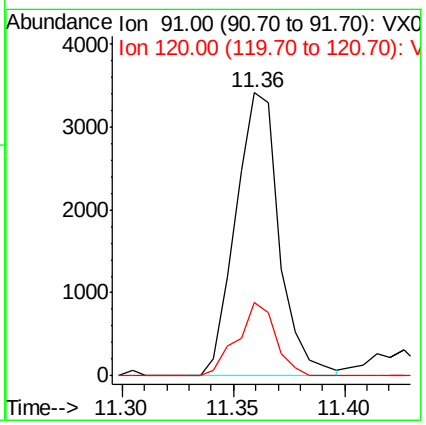


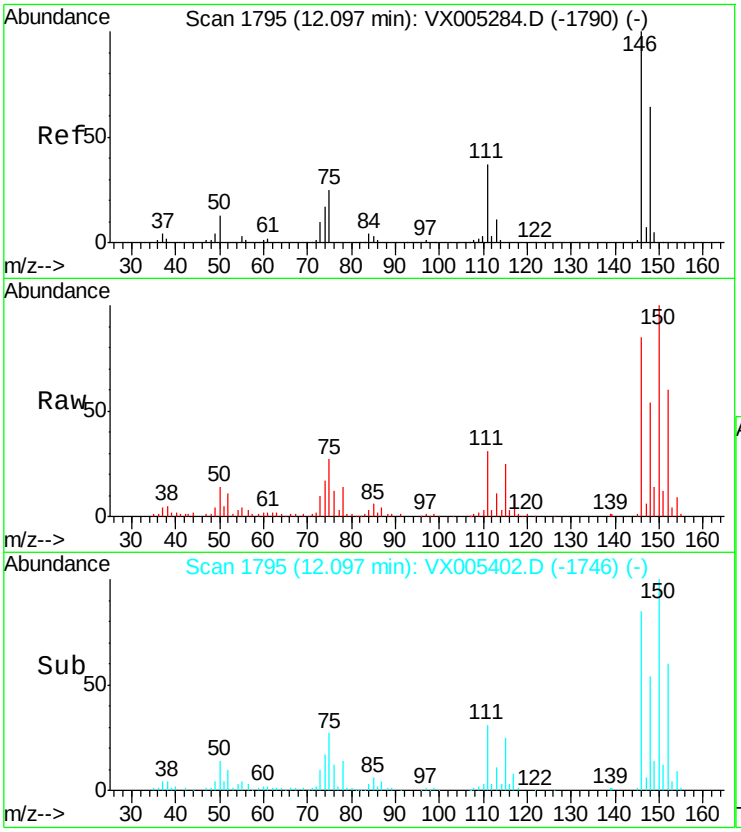


#78
n-propylbenzene
Concen: 0.36 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX005402.D
Acq: 17 Oct 2018 21:07

Tgt Ion: 91 Resp: 4674

Ion	Ratio	Lower	Upper
91	100		
120	22.7	11.9	35.9



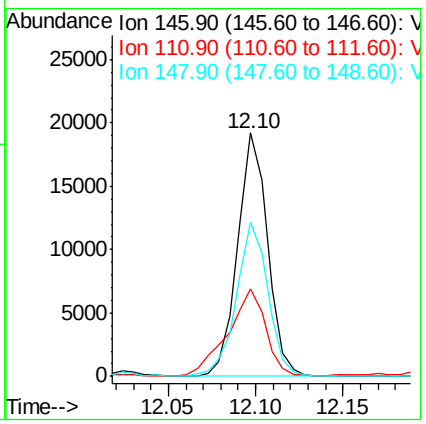


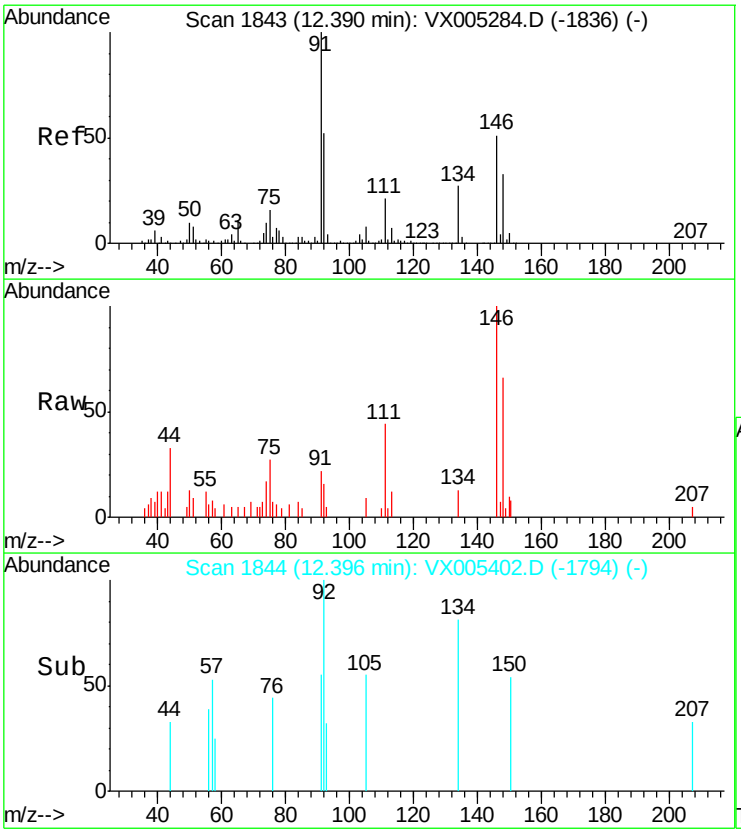
#88
1,4-Dichlorobenzene
Concen: 3.67 ug/l
RT: 12.10 min Scan# 1795
Delta R.T. 0.00 min
Lab File: VX005402.D
Acq: 17 Oct 2018 21:07

Instrument :
MSVOA_X
ClientSampleId :
RLF-GW-7S

Tgt Ion:146 Resp: 22951

Ion	Ratio	Lower	Upper
146	100		
111	45.5	18.1	54.1
148	66.8	32.0	96.0

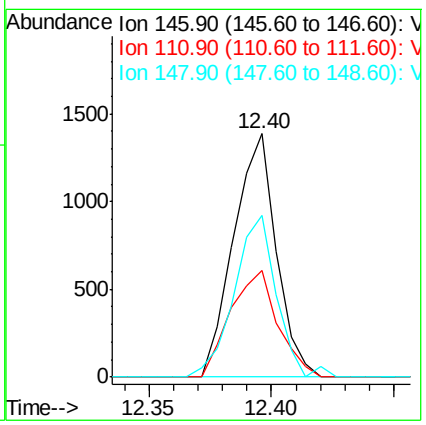


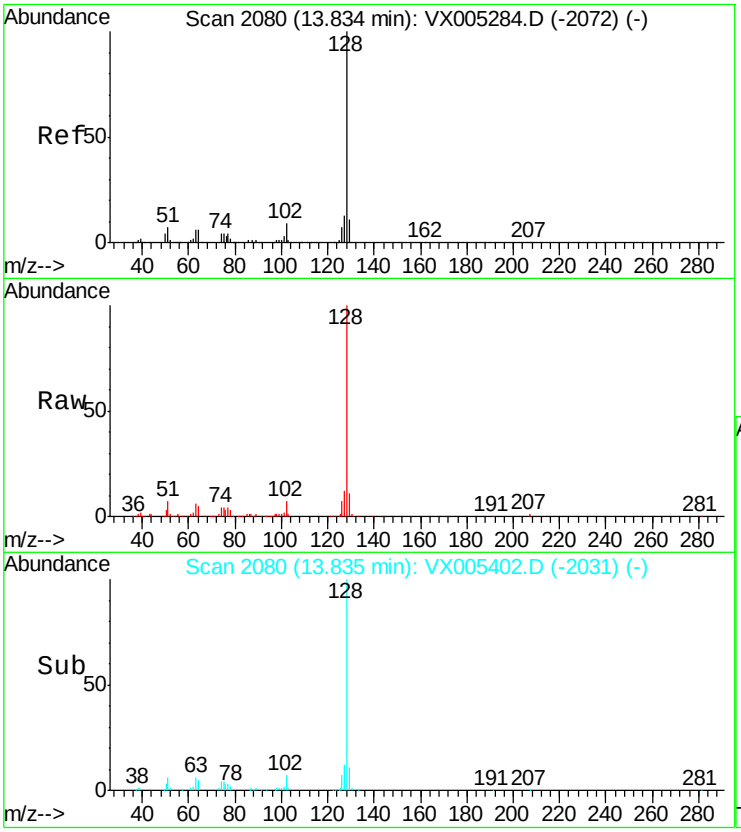


#91
1,2-Dichlorobenzene
Concen: 0.27 ug/l
RT: 12.40 min Scan# 1844
Delta R.T. 0.01 min
Lab File: VX005402.D
Acq: 17 Oct 2018 21:07

Tgt Ion:146 Resp: 1679

Ion	Ratio	Lower	Upper
146	100		
111	48.7	19.4	58.1
148	66.2	32.8	98.3





#95
Naphthalene
Concen: 2.98 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX005402.D
Acq: 17 Oct 2018 21:07

Instrument :
MSVOA_X
ClientSampleId :
RLF-GW-7S

Tgt Ion:128 Resp: 39504

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.2
129	11.2	8.6	12.8