Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100418\
Data File : VU027379.D
Acq On : 04 Oct 2018 00:35
Operator : MD/SY
Sample : J5163-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MW-8

Quant Time: Oct 04 07:52:24 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 02:04:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	90474	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	158493	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	149371	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	72937	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	96782	64.06	ug/l	0.00
Spiked Amount 50.000			Recovery = 128.12%			
35) Dibromofluoromethane	4.88	113	67941	62.55	ug/l	0.00
Spiked Amount 50.000			Recovery = 125.10%			
50) Toluene-d8	7.57	98	245877	60.48	ug/l	0.00
Spiked Amount 50.000			Recovery = 120.96%			
62) 4-Bromofluorobenzene	10.31	95	81935	54.23	ug/l	0.00
Spiked Amount 50.000			Recovery = 108.46%			
Target Compounds						Qvalue
16) Acetone	2.32	43	11808	13.230	ug/l	95
17) Carbon Disulfide	2.48	76	9106	2.642	ug/l	97
19) Methyl tert-butyl Ether	3.00	73	117402	30.659	ug/l	100
29) Tetrahydrofuran	4.65	42	4524	5.898	ug/l	95
40) Benzene	5.40	78	3325	0.663	ug/l	93
52) Toluene	7.64	92	3731	1.258	ug/l	91
67) Ethyl Benzene	9.25	91	4287	0.770	ug/l	90
68) m/p-Xylenes	9.38	106	2729	1.339	ug/l	95
69) o-Xylene	9.78	106	1294	0.668	ug/l	93
70) Styrene	9.80	104	2078	2.847	ug/l	97
84) 1,2,4-Trimethylbenzene	11.15	105	2579	0.585	ug/l	97

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

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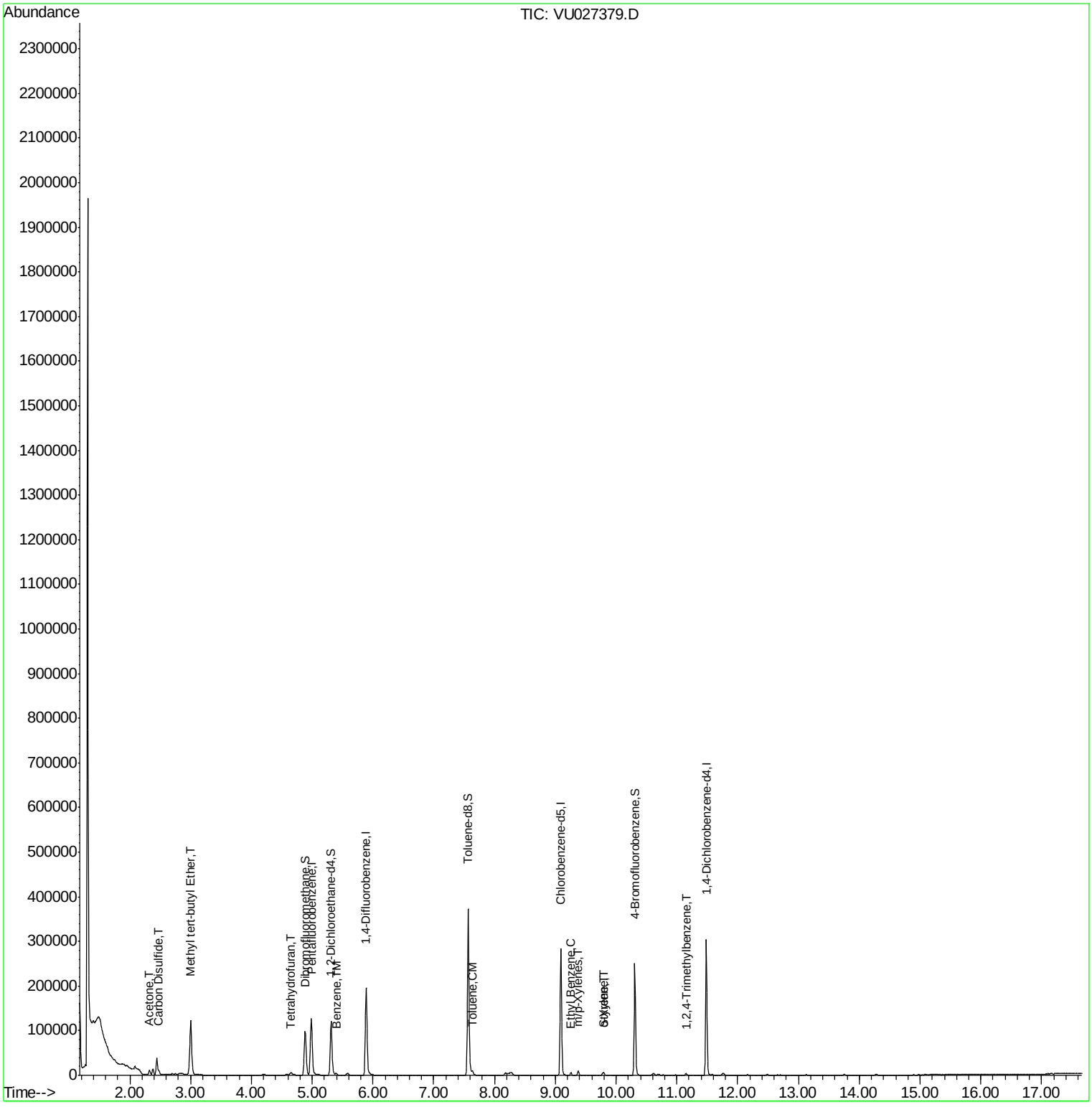
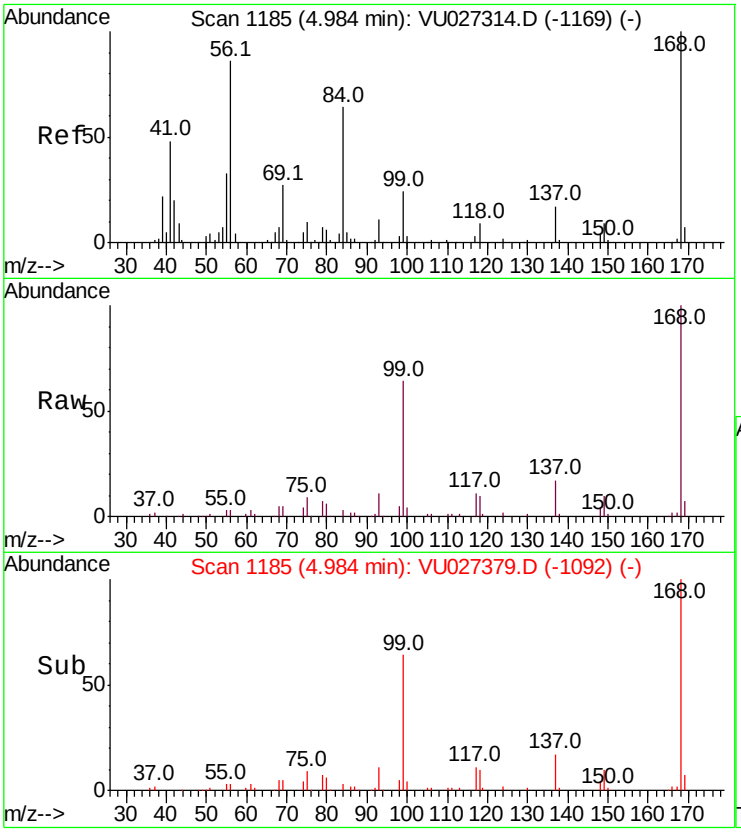
Quant Title : SW846 8260
QLast Update : Tue Oct 02 02:04:34 2018
Response via : Initial Calibration



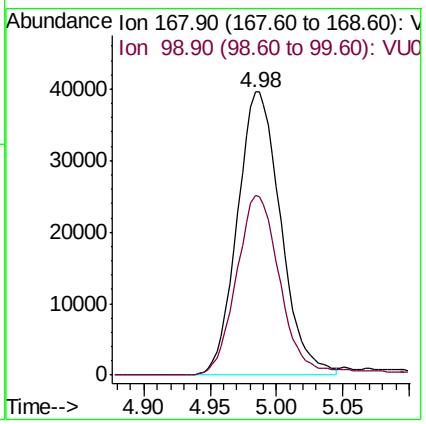


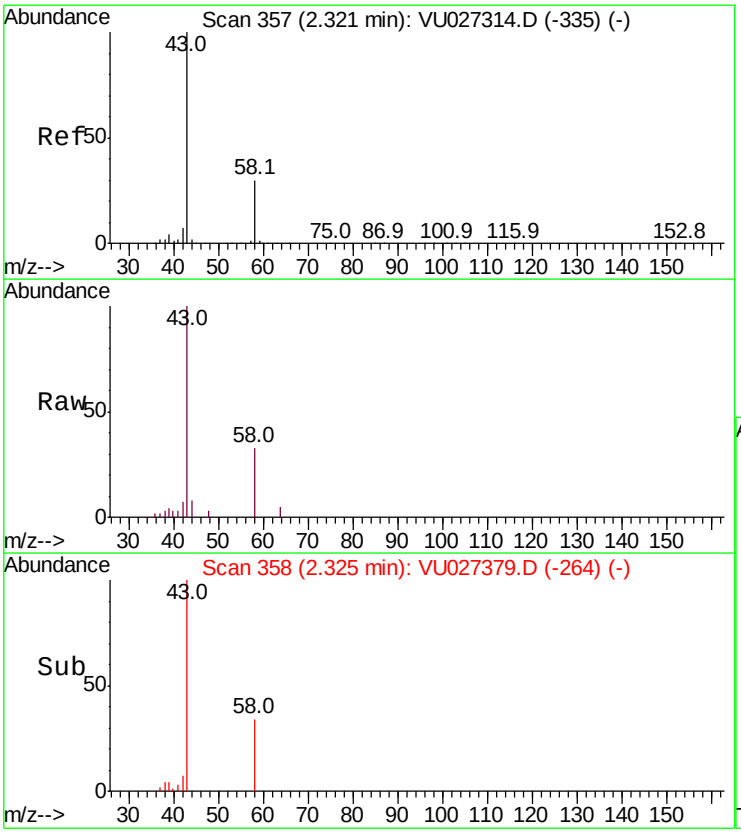
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. 0.00 min
Lab File: VU027379.D
Acq: 04 Oct 2018 00:35

Instrument :
MSVOA_U
ClientSampleId :
MW-8

Tgt Ion:168 Resp: 90474

Ion	Ratio	Lower	Upper
168	100		
99	63.7	50.8	76.2

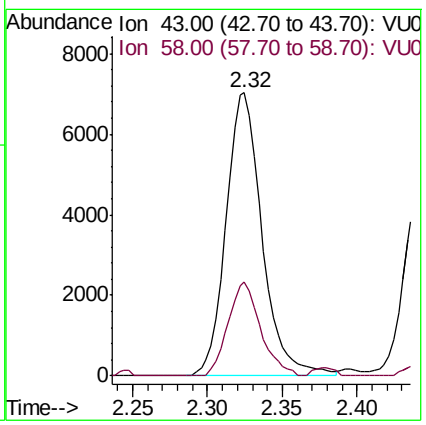


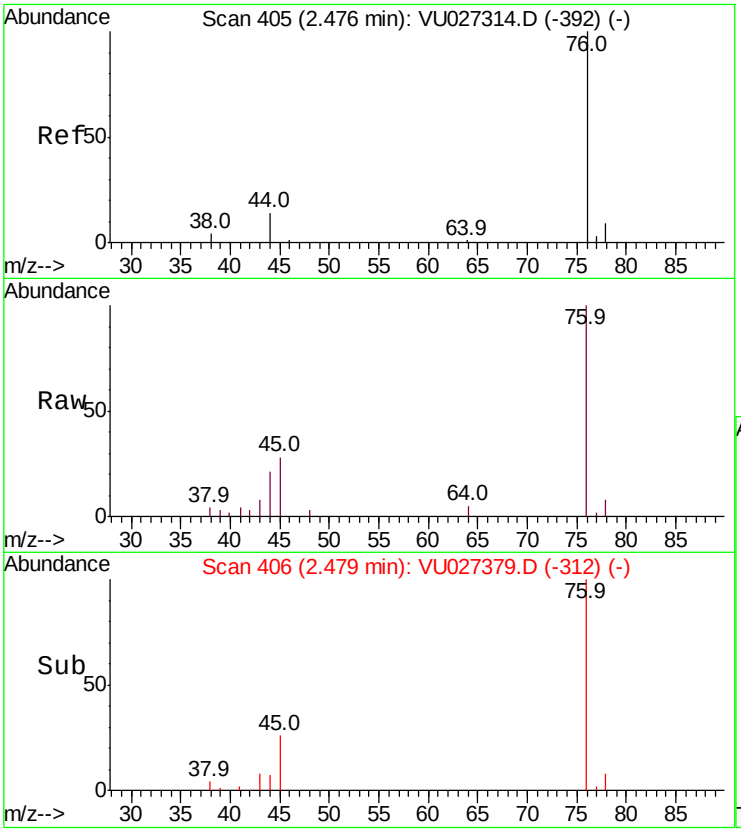


#16
Acetone
Concen: 13.230 ug/l
RT: 2.32 min Scan# 358
Delta R.T. 0.00 min
Lab File: VU027379.D
Acq: 04 Oct 2018 00:35

Tgt Ion: 43 Resp: 11808

Ion	Ratio	Lower	Upper
43	100		
58	33.2	24.2	36.4



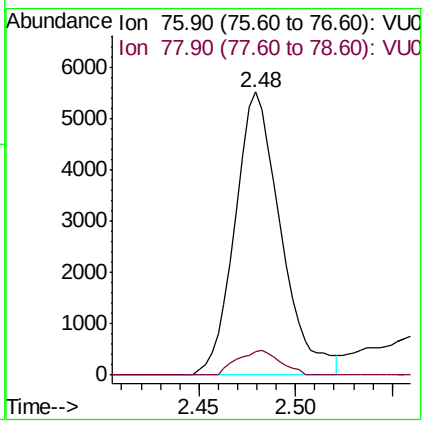


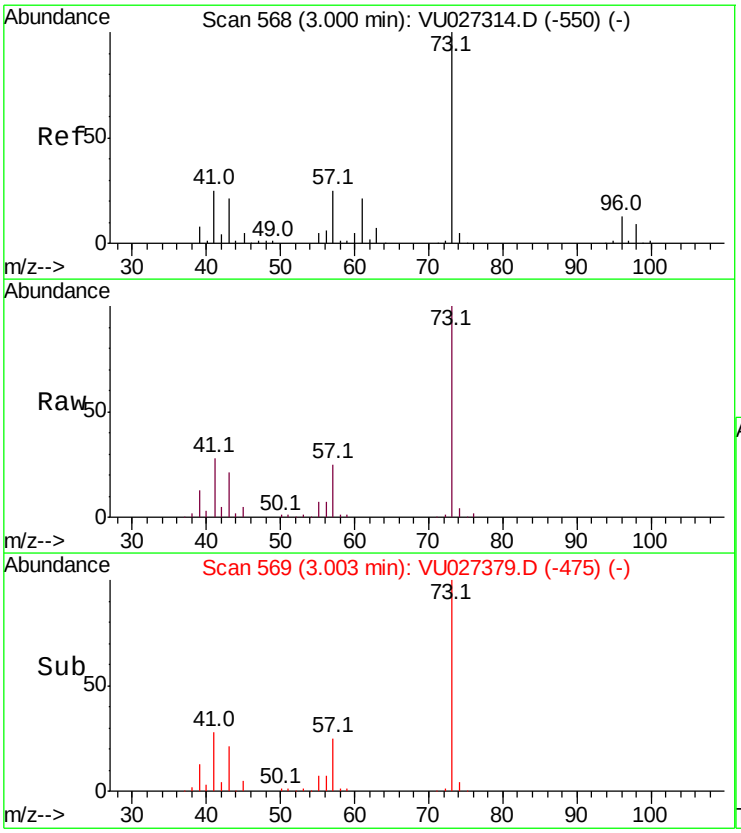
#17
Carbon Disulfide
Concen: 2.642 ug/l
RT: 2.48 min Scan# 406
Delta R.T. 0.00 min
Lab File: VU027379.D
Acq: 04 Oct 2018 00:35

Instrument :
MSVOA_U
ClientSampleId :
MW-8

Tgt Ion: 76 Resp: 9106

Ion	Ratio	Lower	Upper
76	100		
78	8.2	7.3	10.9

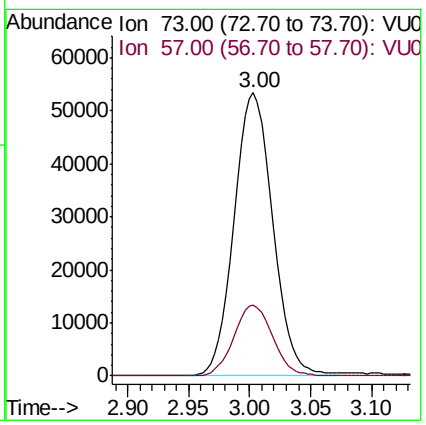


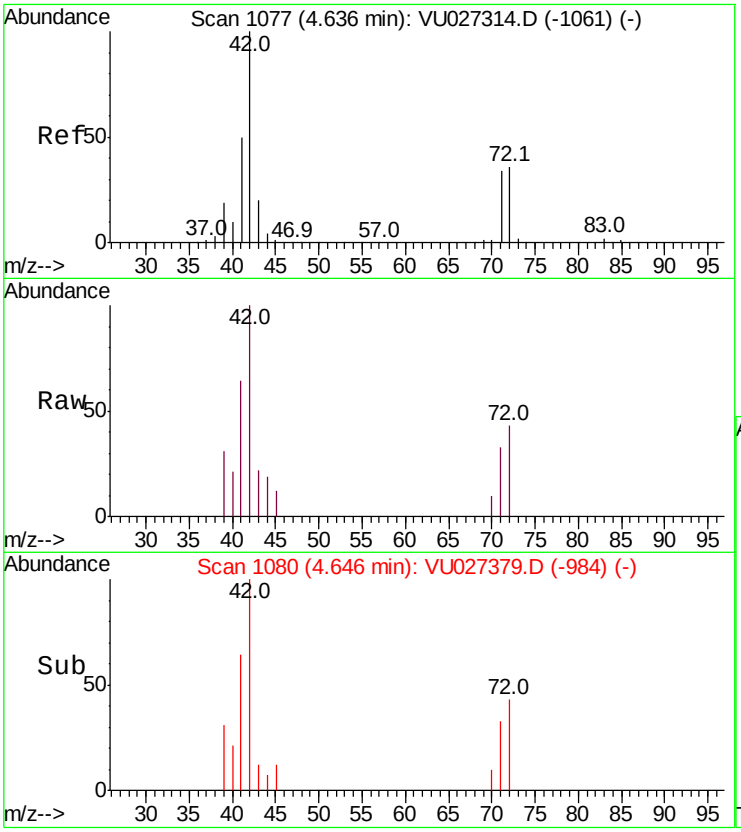


#19
Methyl tert-butyl Ether
Concen: 30.659 ug/l
RT: 3.00 min Scan# 569
Delta R.T. 0.00 min
Lab File: VU027379.D
Acq: 04 Oct 2018 00:35

Tgt Ion: 73 Resp: 117402

Ion	Ratio	Lower	Upper
73	100		
57	25.2	20.0	30.0



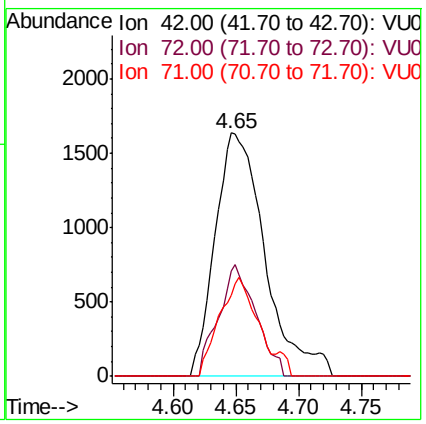


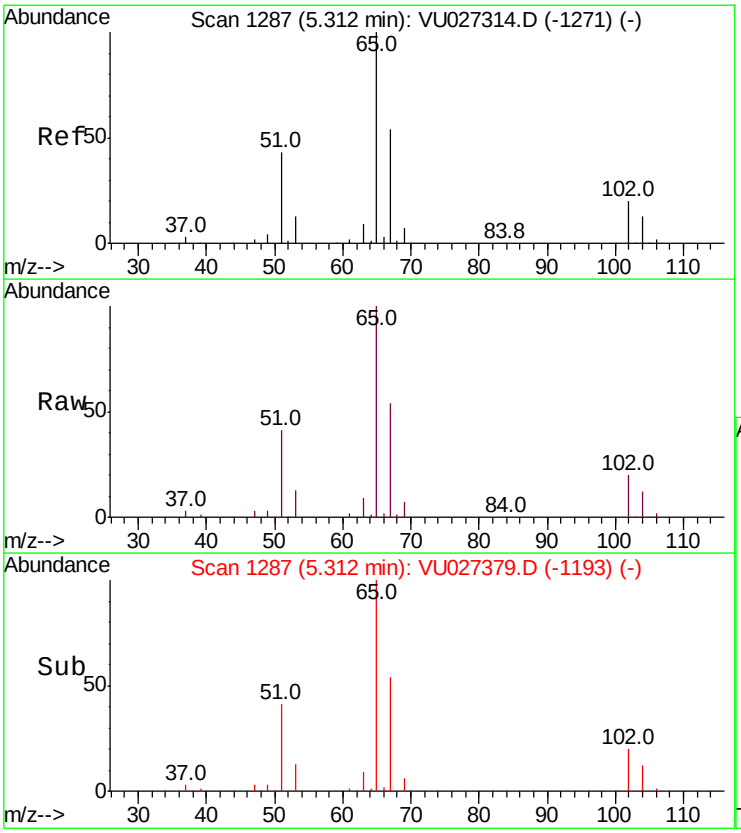
#29
Tetrahydrofuran
Concen: 5.898 ug/l
RT: 4.65 min Scan# 1080
Delta R.T. 0.01 min
Lab File: VU027379.D
Acq: 04 Oct 2018 00:35

Instrument : MSVOA_U
ClientSampleId : MW-8

Tgt Ion: 42 Resp: 4524

Ion	Ratio	Lower	Upper
42	100		
72	34.2	30.1	45.1
71	32.4	27.7	41.5

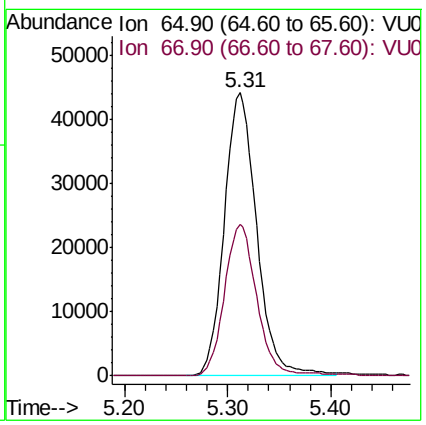


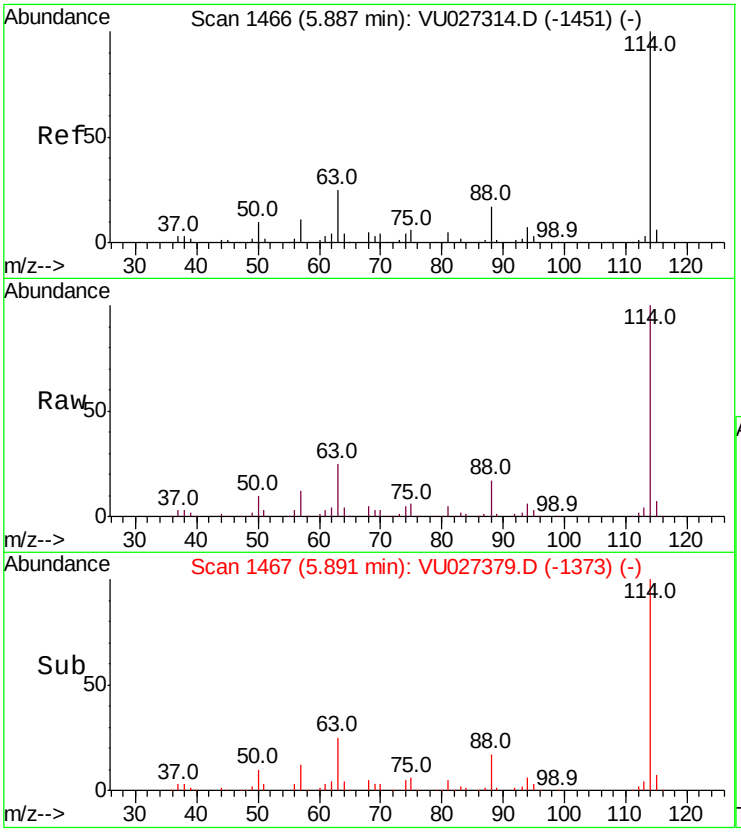


#33
1,2-Dichloroethane-d4
Concen: 64.062 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. 0.00 min
Lab File: VU027379.D
Acq: 04 Oct 2018 00:35

Tgt Ion: 65 Resp: 96782

Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	107.8



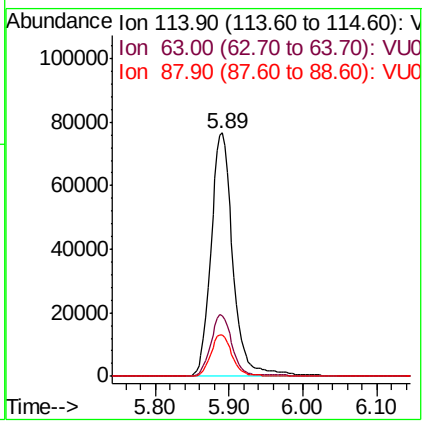


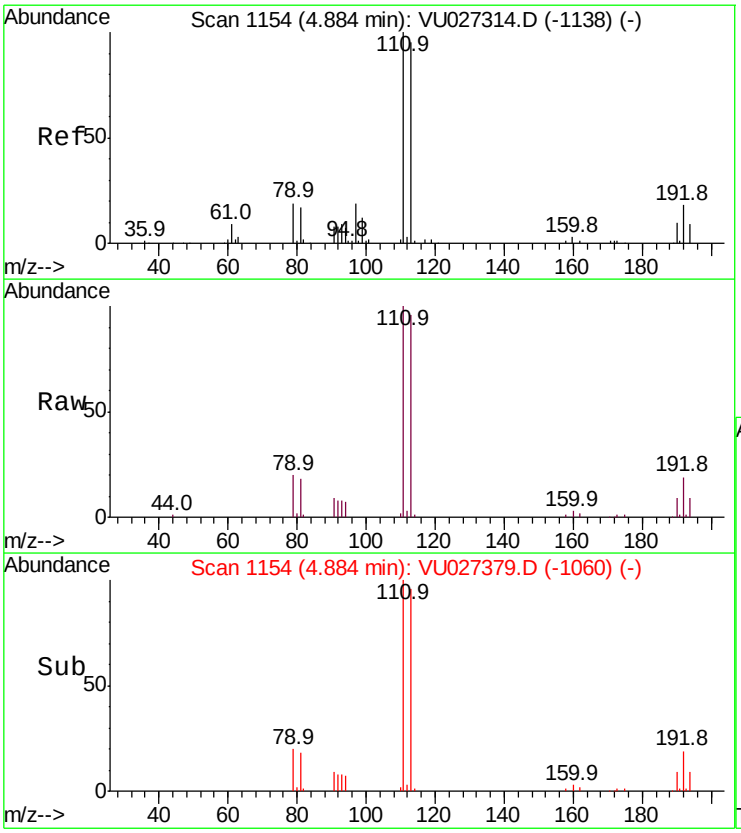
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.89 min Scan# 1467
Delta R.T. 0.00 min
Lab File: VU027379.D
Acq: 04 Oct 2018 00:35

Instrument : MSVOA_U
ClientSampleId : MW-8

Tgt Ion:114 Resp: 158493

Ion	Ratio	Lower	Upper
114	100		
63	25.0	0.0	50.2
88	16.8	0.0	33.8

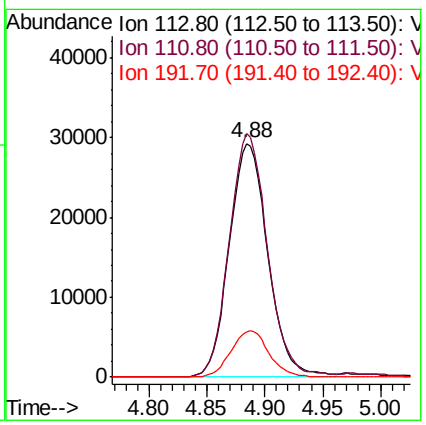


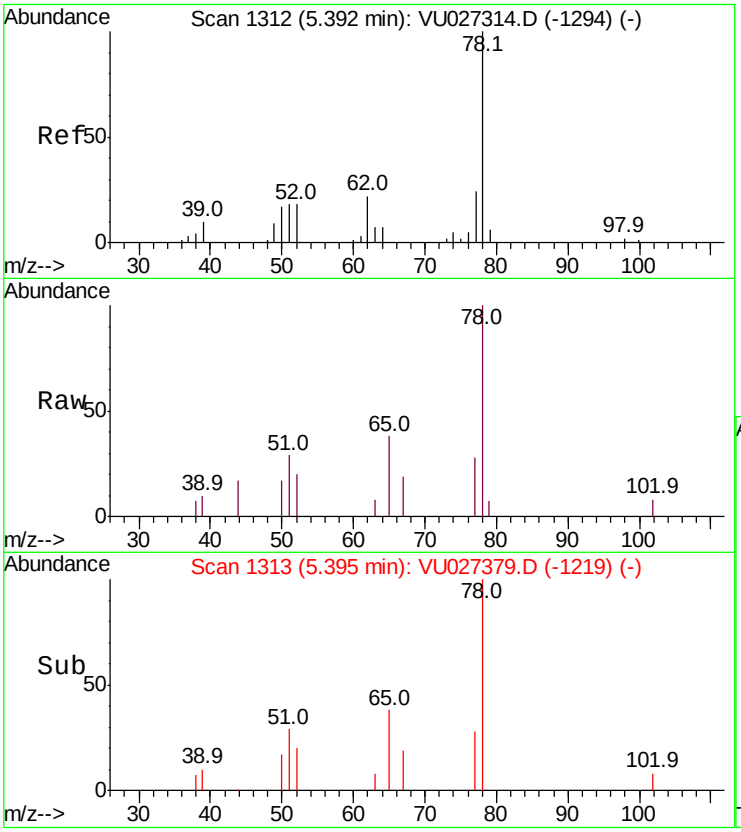


#35
Dibromofluoromethane
Concen: 62.549 ug/l
RT: 4.88 min Scan# 1154
Delta R.T. 0.00 min
Lab File: VU027379.D
Acq: 04 Oct 2018 00:35

Tgt Ion:113 Resp: 67941

Ion	Ratio	Lower	Upper
113	100		
111	102.9	83.1	124.7
192	19.3	15.4	23.0



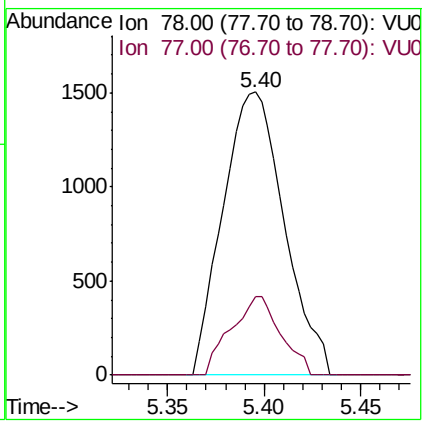


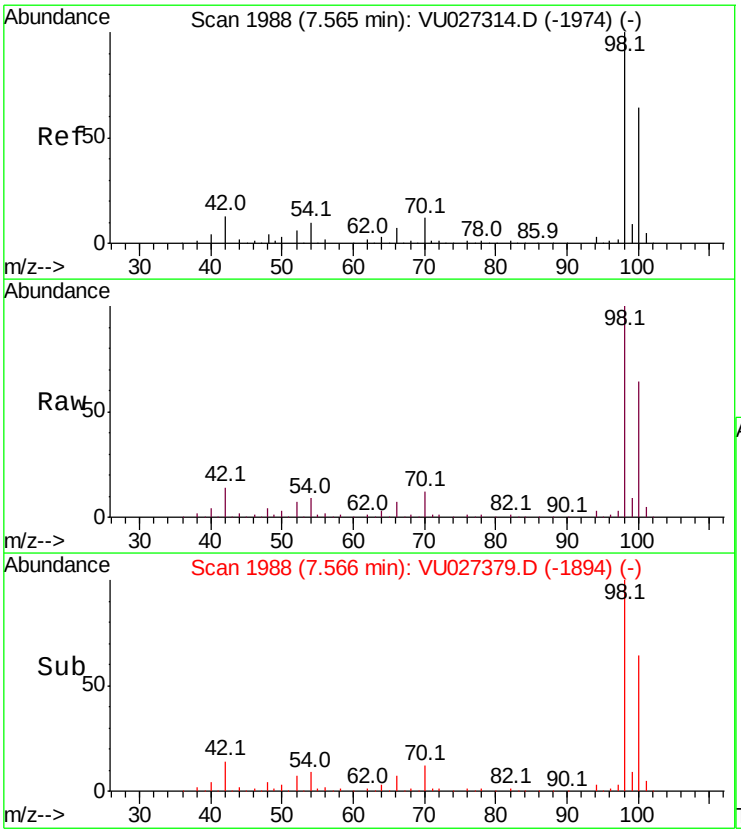
#40
Benzene
Concen: 0.663 ug/l
RT: 5.40 min Scan# 1313
Delta R.T. 0.00 min
Lab File: VU027379.D
Acq: 04 Oct 2018 00:35

Instrument :
MSVOA_U
ClientSampleId :
MW-8

Tgt Ion: 78 Resp: 3325

Ion	Ratio	Lower	Upper
78	100		
77	27.7	19.3	28.9

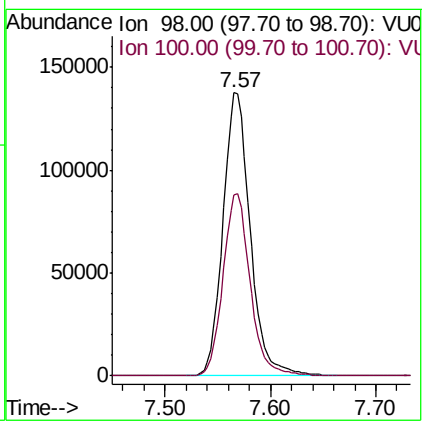


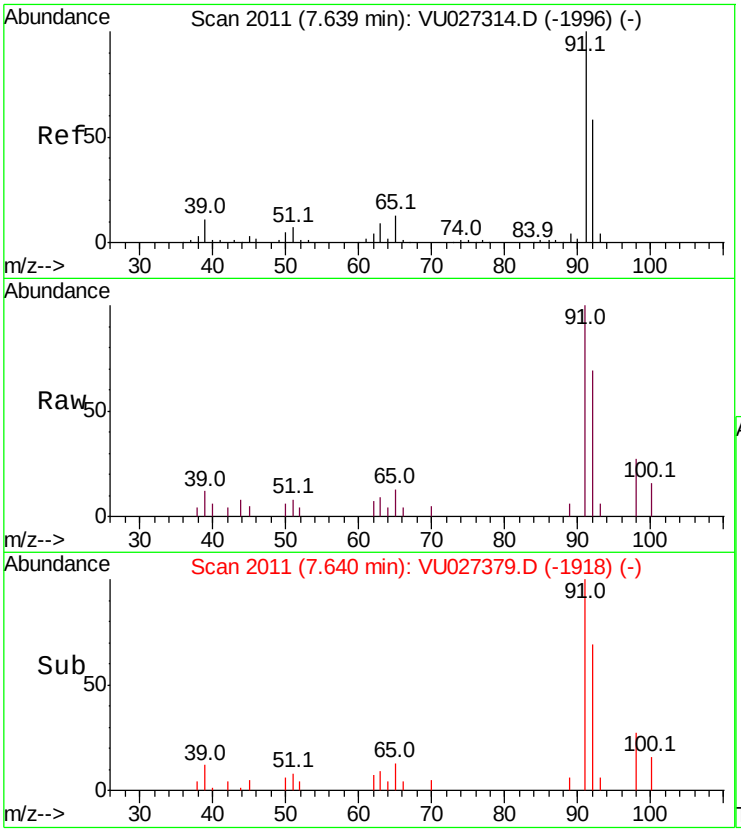


#50
Toluene-d8
Concen: 60.482 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VU027379.D
Acq: 04 Oct 2018 00:35

Tgt Ion: 98 Resp: 245877

Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.1	78.1



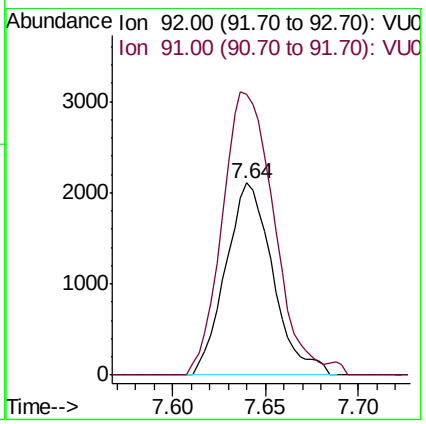


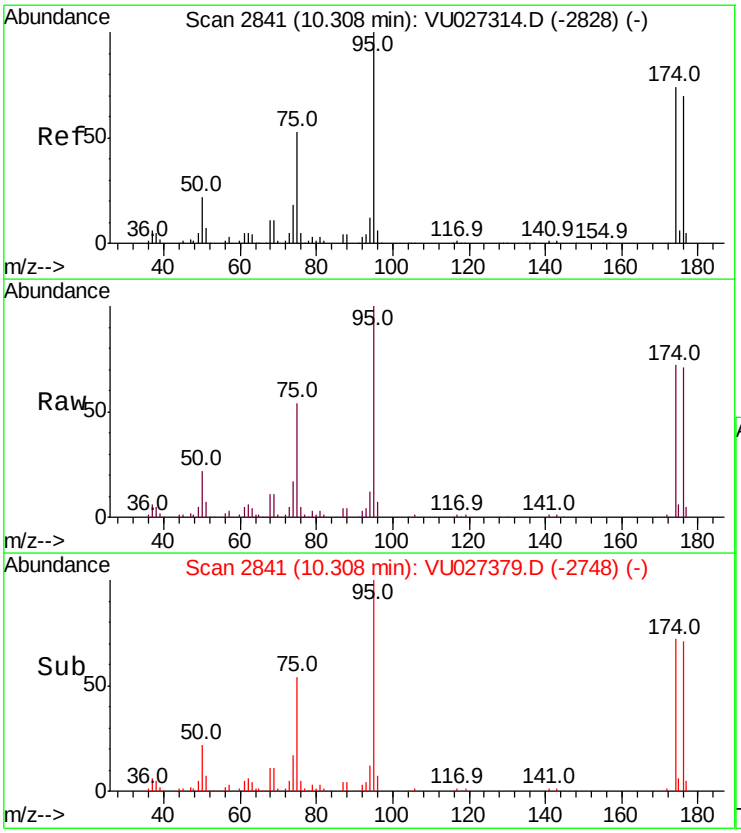
#52
Toluene
Concen: 1.258 ug/l
RT: 7.64 min Scan# 2011
Delta R.T. 0.00 min
Lab File: VU027379.D
Acq: 04 Oct 2018 00:35

Instrument : MSVOA_U
ClientSampleId : MW-8

Tgt Ion: 92 Resp: 3731

Ion	Ratio	Lower	Upper
92	100		
91	160.6	138.6	208.0

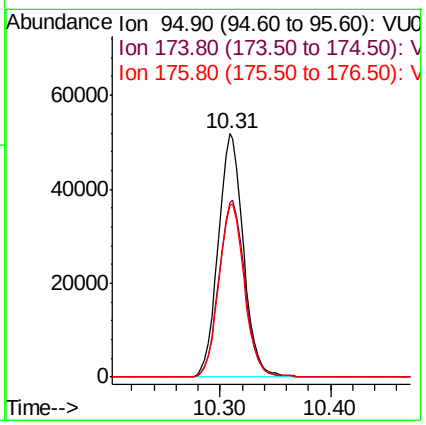


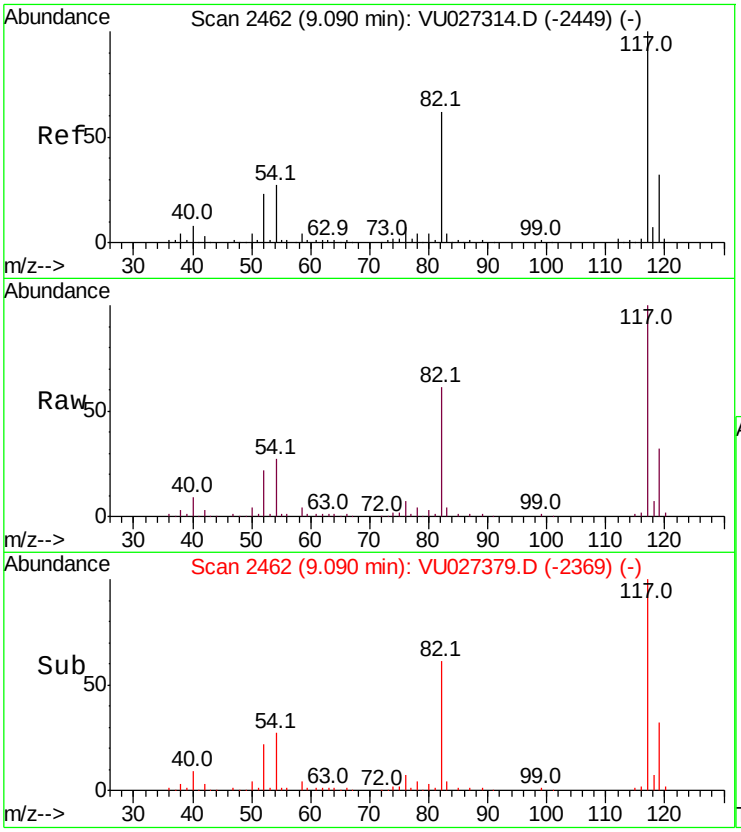


#62
4-Bromofluorobenzene
Concen: 54.232 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU027379.D
Acq: 04 Oct 2018 00:35

Tgt Ion: 95 Resp: 81935

Ion	Ratio	Lower	Upper
95	100		
174	75.0	0.0	147.8
176	72.0	0.0	140.8



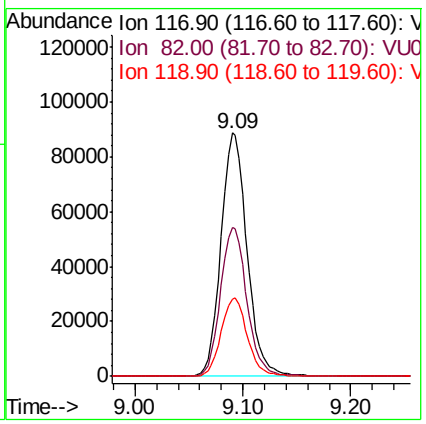


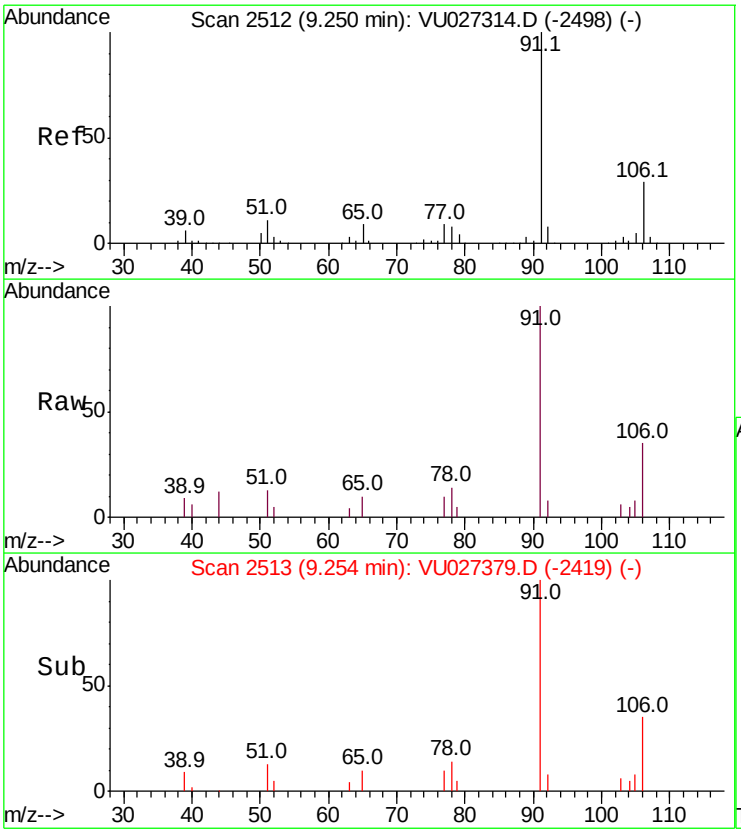
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU027379.D
Acq: 04 Oct 2018 00:35

Instrument : MSVOA_U
ClientSampleId : MW-8

Tgt Ion:117 Resp: 149371

Ion	Ratio	Lower	Upper
117	100		
82	61.2	49.2	73.8
119	31.9	25.7	38.5

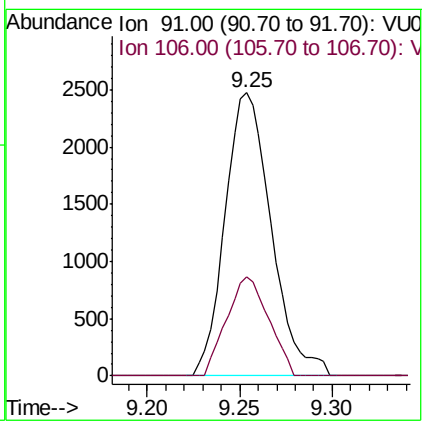


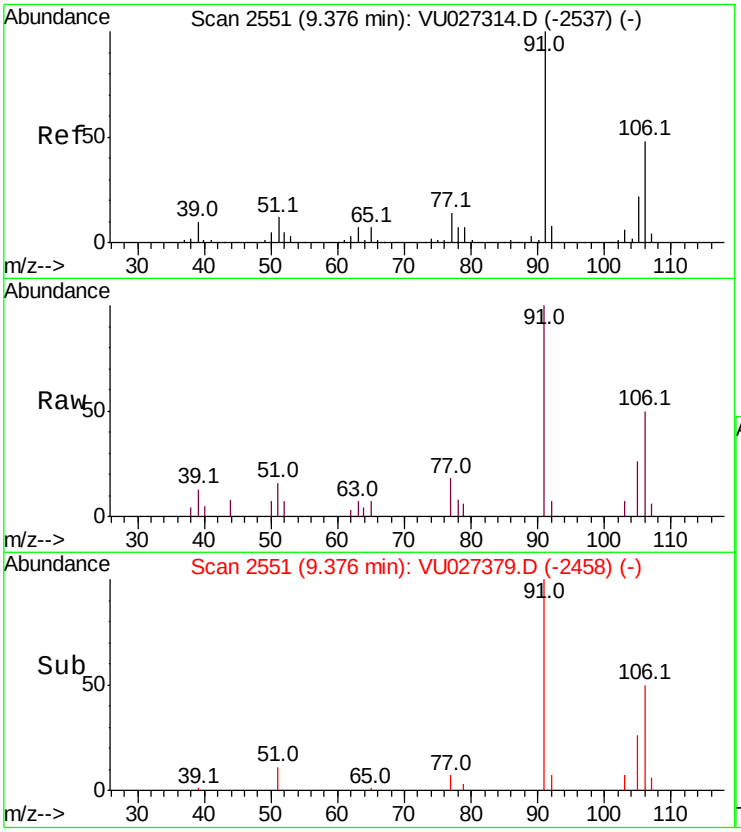


#67
Ethyl Benzene
Concen: 0.770 ug/l
RT: 9.25 min Scan# 2513
Delta R.T. 0.00 min
Lab File: VU027379.D
Acq: 04 Oct 2018 00:35

Tgt Ion: 91 Resp: 4287

Ion	Ratio	Lower	Upper
91	100		
106	34.9	23.6	35.4



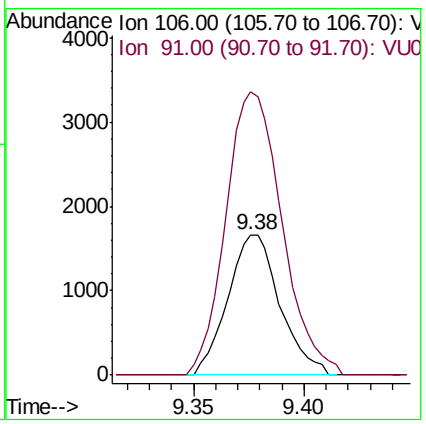


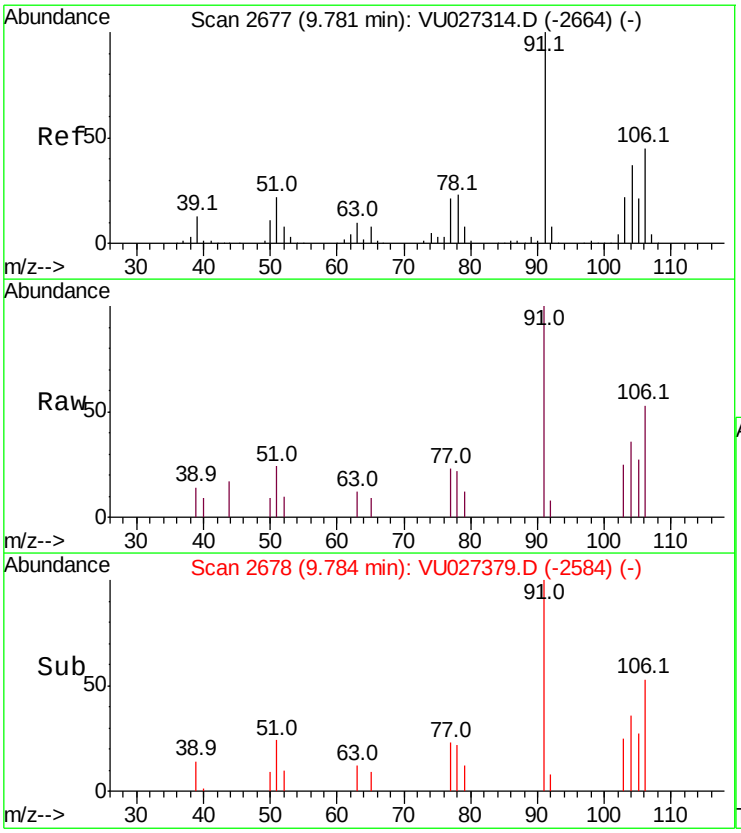
#68
m/p-Xylenes
Concen: 1.339 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU027379.D
Acq: 04 Oct 2018 00:35

Instrument : MSVOA_U
ClientSampleId : MW-8

Tgt Ion:106 Resp: 2729

Ion	Ratio	Lower	Upper
106	100		
91	218.2	168.1	252.1

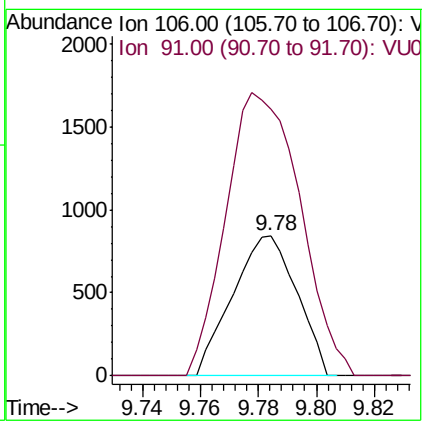


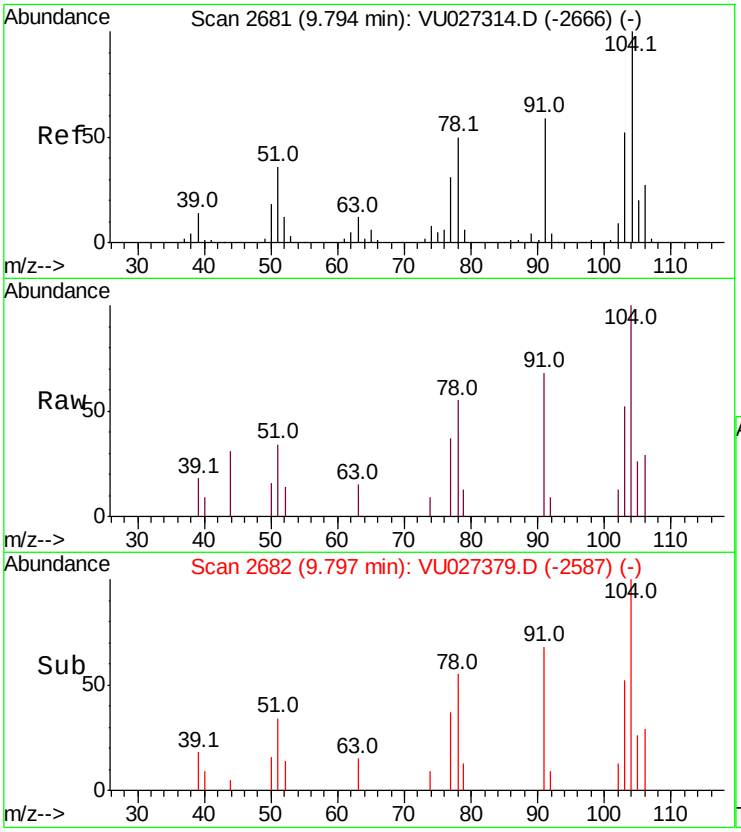


#69
o-Xylene
Concen: 0.668 ug/l
RT: 9.78 min Scan# 2678
Delta R.T. 0.00 min
Lab File: VU027379.D
Acq: 04 Oct 2018 00:35

Tgt Ion:106 Resp: 1294

Ion	Ratio	Lower	Upper
106	100		
91	234.1	111.7	334.9



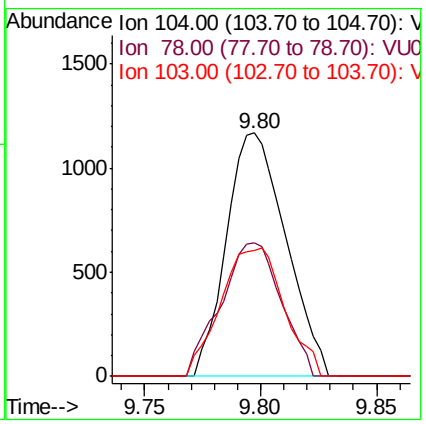


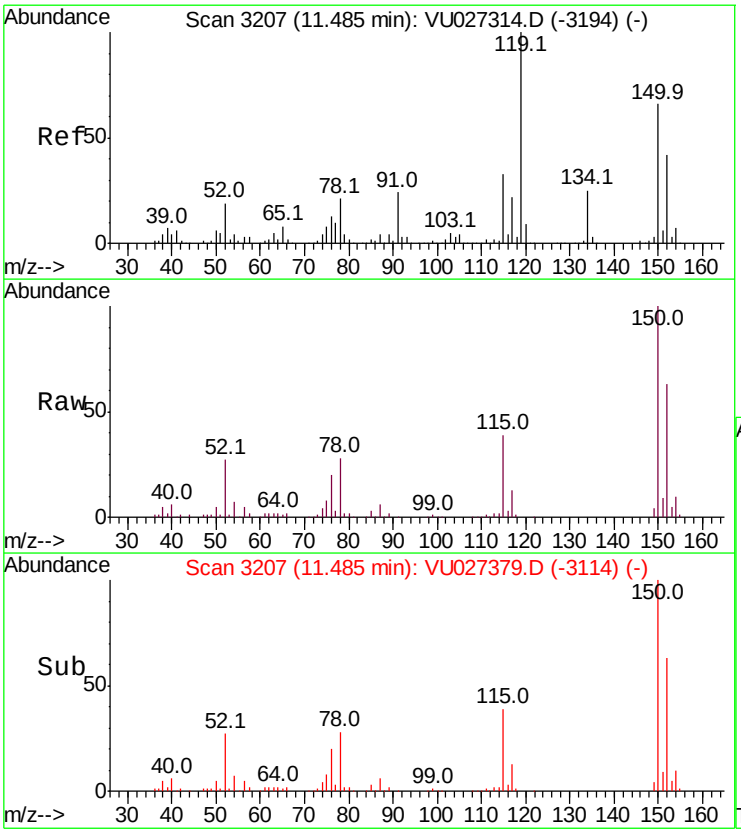
#70
Stvrene
Concen: 2.847 ug/l
RT: 9.80 min Scan# 2682
Delta R.T. 0.00 min
Lab File: VU027379.D
Acq: 04 Oct 2018 00:35

Instrument : MSVOA_U
ClientSampleId : MW-8

Tgt Ion:104 Resp: 2078

Ion	Ratio	Lower	Upper
104	100		
78	55.9	42.9	64.3
103	56.6	43.9	65.9

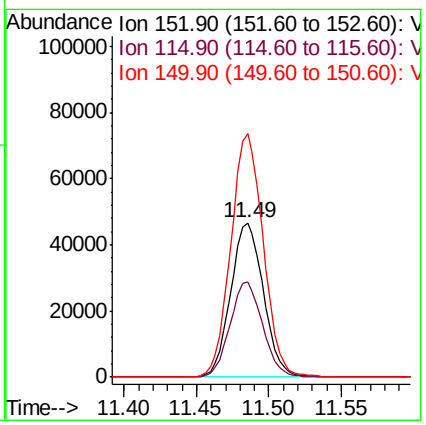


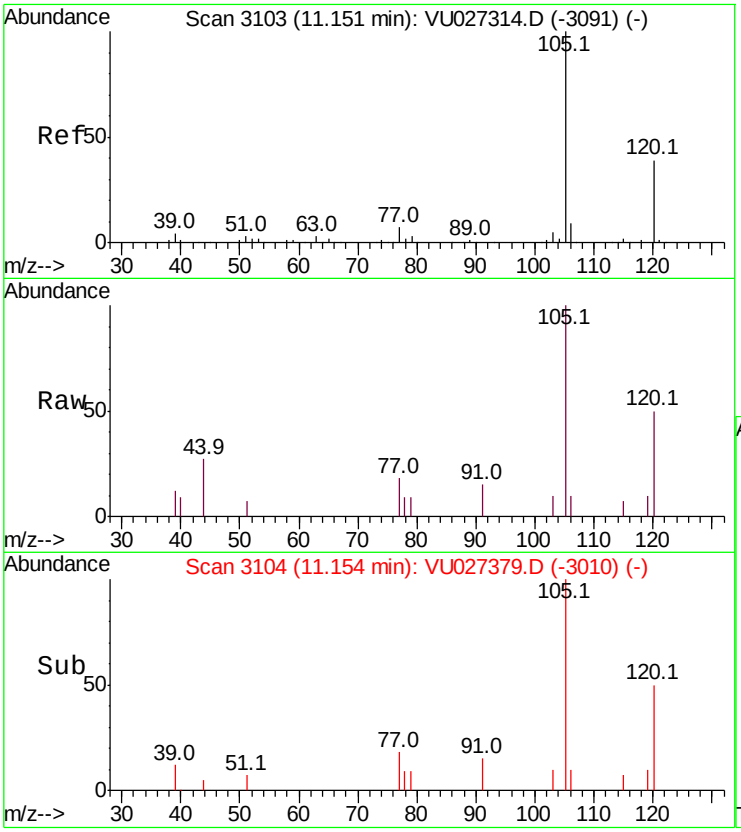


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU027379.D
Acq: 04 Oct 2018 00:35

Tgt Ion:152 Resp: 72937

Ion	Ratio	Lower	Upper
152	100		
115	61.5	43.4	130.2
150	156.8	0.0	349.2





#84
1,2,4-Trimethylbenzene
Concen: 0.585 ug/l
RT: 11.15 min Scan# 3104
Delta R.T. 0.00 min
Lab File: VU027379.D
Acq: 04 Oct 2018 00:35

Instrument :
MSVOA_U
ClientSampleId :
MW-8

Tgt Ion:105 Resp: 2579

Ion	Ratio	Lower	Upper
105	100		
120	42.2	22.1	66.5