Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU070318\
Data File : VU025198.D
Acq On : 03 Jul 2018 18:50
Operator : MD/SY
Sample : J3826-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : OK-03-070218

Quant Time: Jul 04 06:01:56 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 13 13:55:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	202014	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	312142	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	281949	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	150005	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	154207	46.76	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.52%			
35) Dibromofluoromethane	4.89	113	120078	46.35	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.70%			
50) Toluene-d8	7.57	98	436517	46.20	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.40%			
62) 4-Bromofluorobenzene	10.31	95	161152	42.95	ug/l	0.00
Spiked Amount 50.000			Recovery = 85.90%			
Target Compounds						Qvalue
16) Acetone	2.32	43	20964	11.831	ug/l	100
18) Methyl Acetate	2.62	43	19615	5.164	ug/l	97
20) Methylene Chloride	2.71	84	257609	92.654	ug/l	98
51) 4-Methyl-2-Pentanone	7.46	43	2028	0.467	ug/l #	74
67) Ethyl Benzene	9.26	91	4217	0.334	ug/l	100
68) m/p-Xylenes	9.38	106	1440	0.297	ug/l	93
69) o-Xylene	9.79	106	1141	0.238	ug/l	93
84) 1,2,4-Trimethylbenzene	11.16	105	4898	0.481	ug/l	99
95) Naphthalene	13.75	128	93630	9.053	ug/l	98

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

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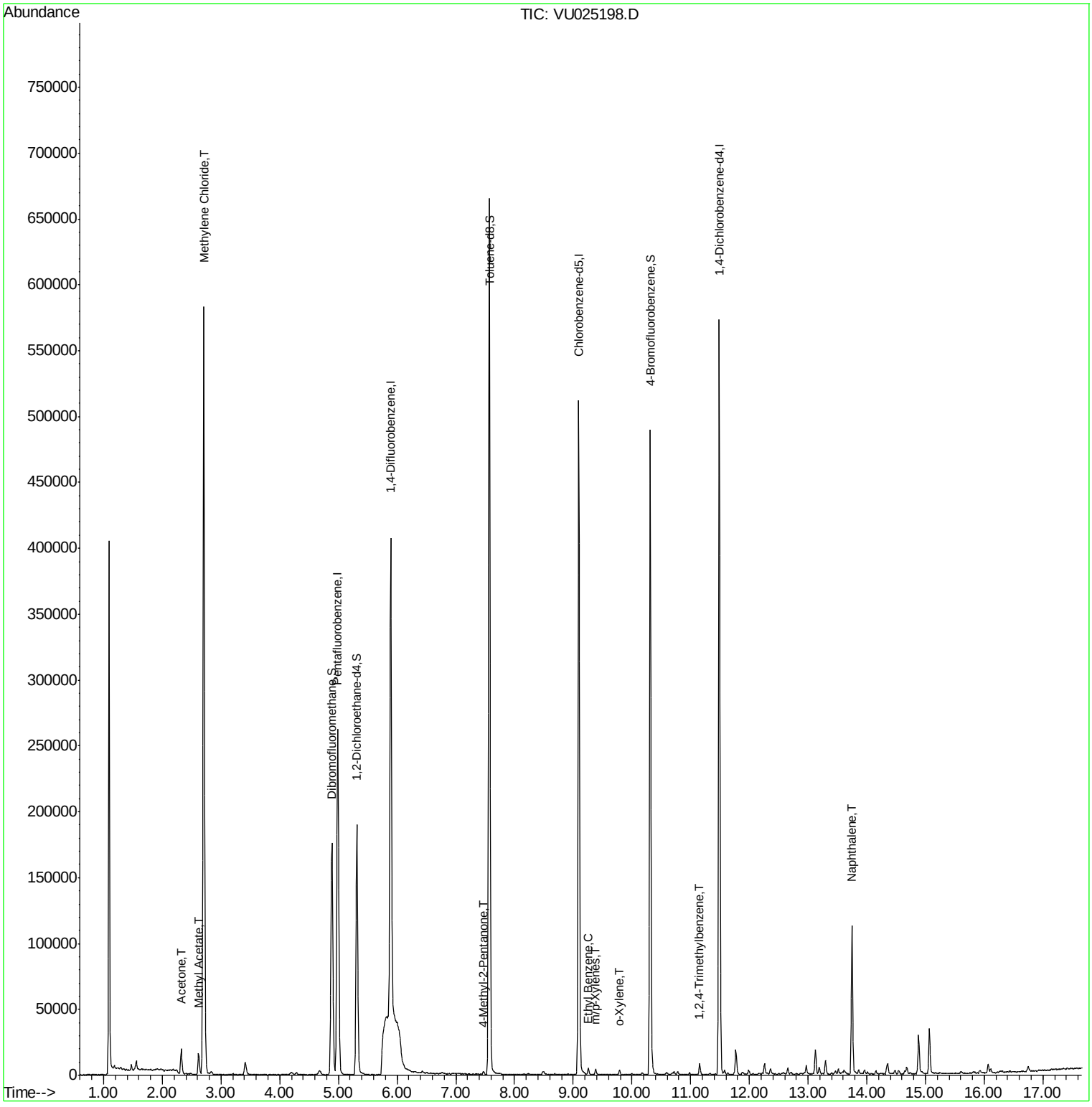
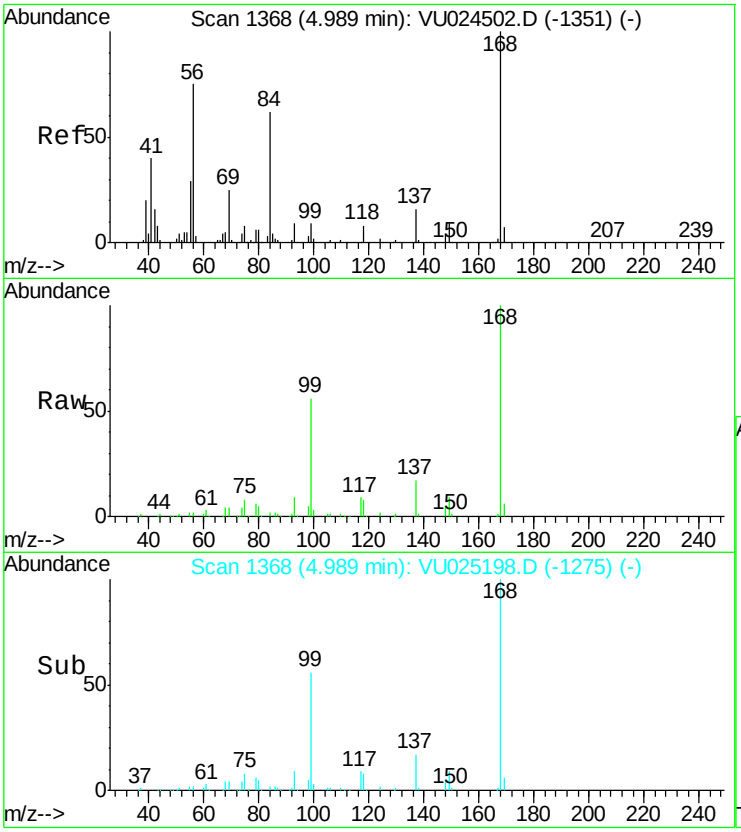
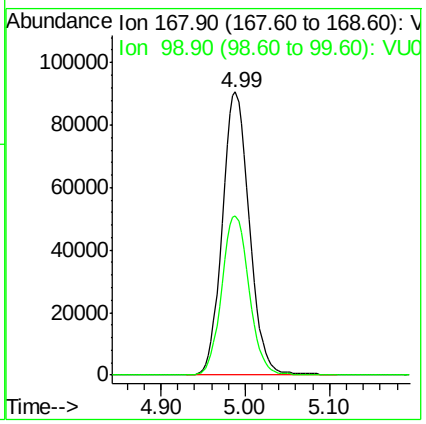




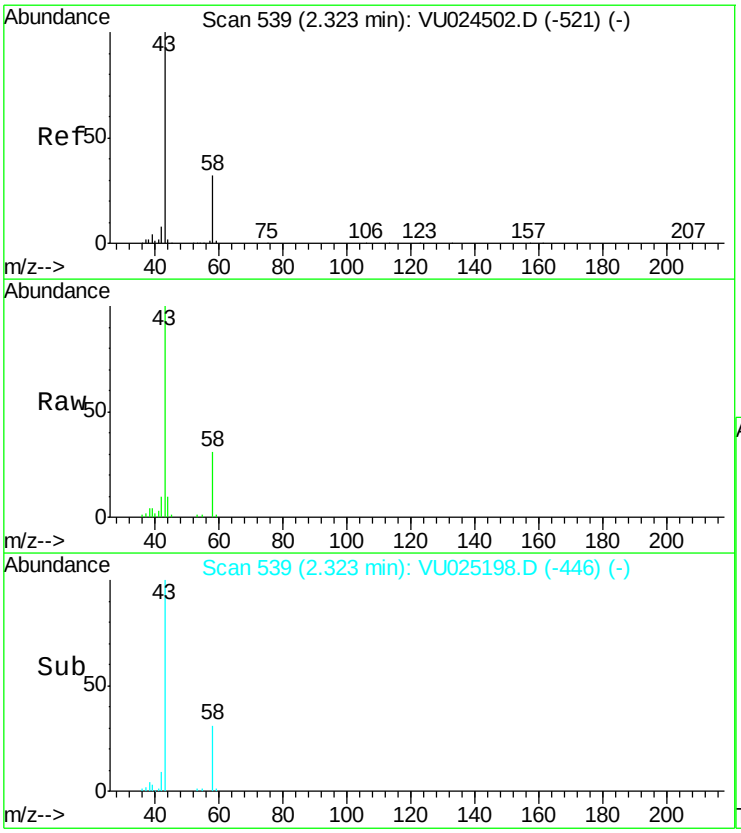
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.99 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VU025198.D
Acq: 03 Jul 2018 18:50

Tgt Ion:168 Resp: 202014

Ion	Ratio	Lower	Upper
168	100		
99	56.2	43.2	64.8



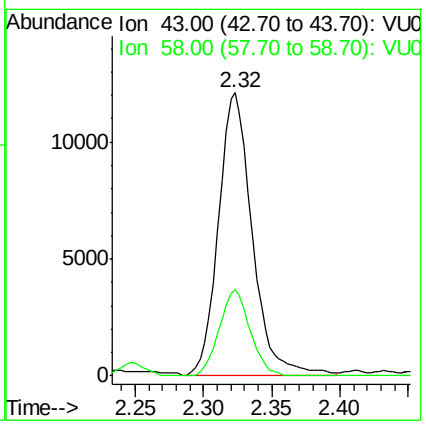
Instrument :
MSVOA_U
ClientSampleId :
OK-03-070218

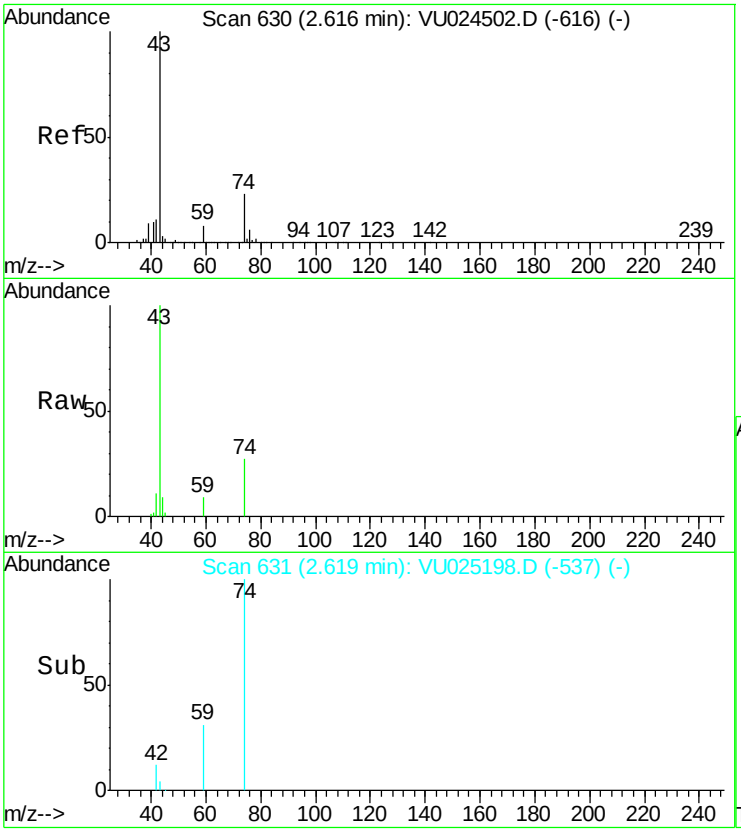


#16
Acetone
Concen: 11.831 ug/l
RT: 2.32 min Scan# 539
Delta R.T. -0.00 min
Lab File: VU025198.D
Acq: 03 Jul 2018 18:50

Tgt Ion: 43 Resp: 20964

Ion	Ratio	Lower	Upper
43	100		
58	30.5	24.4	36.6



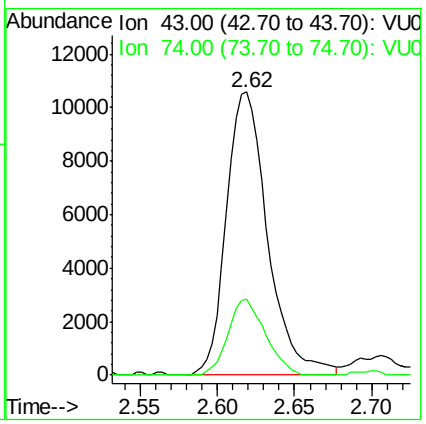


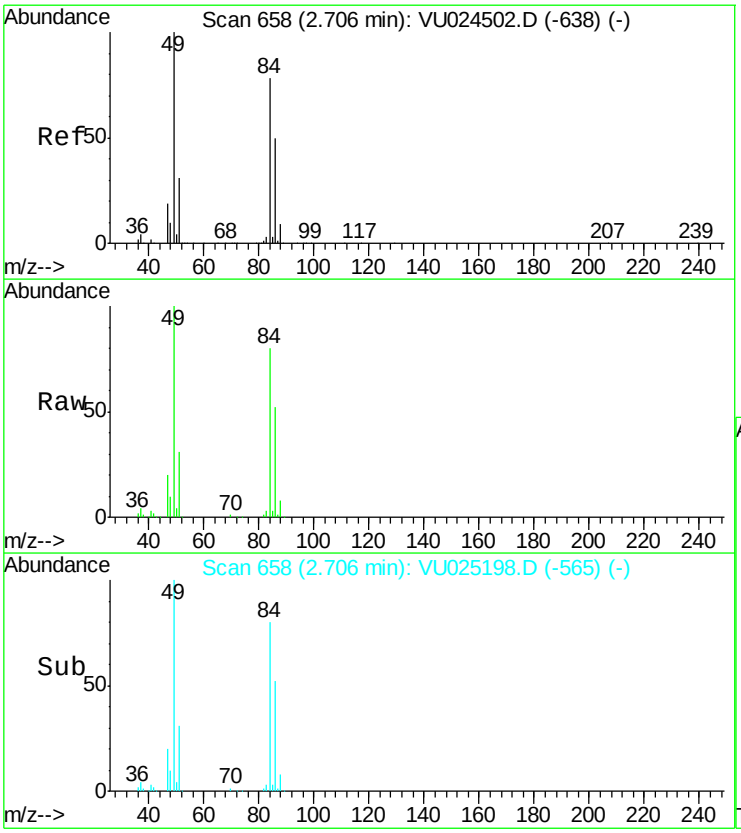
#18
Methyl Acetate
Concen: 5.164 ug/l
RT: 2.62 min Scan# 631
Delta R.T. 0.00 min
Lab File: VU025198.D
Acq: 03 Jul 2018 18:50

Instrument : MSVOA_U
ClientSampleId : OK-03-070218

Tgt Ion: 43 Resp: 19615

Ion	Ratio	Lower	Upper
43	100		
74	24.1	18.0	27.0

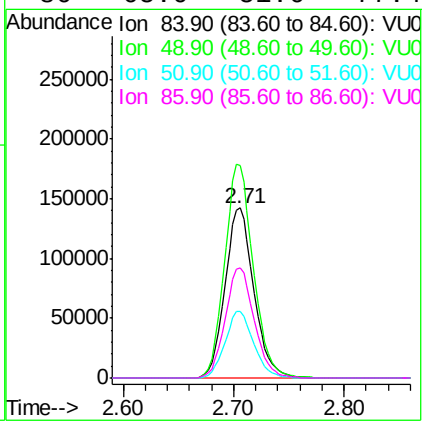


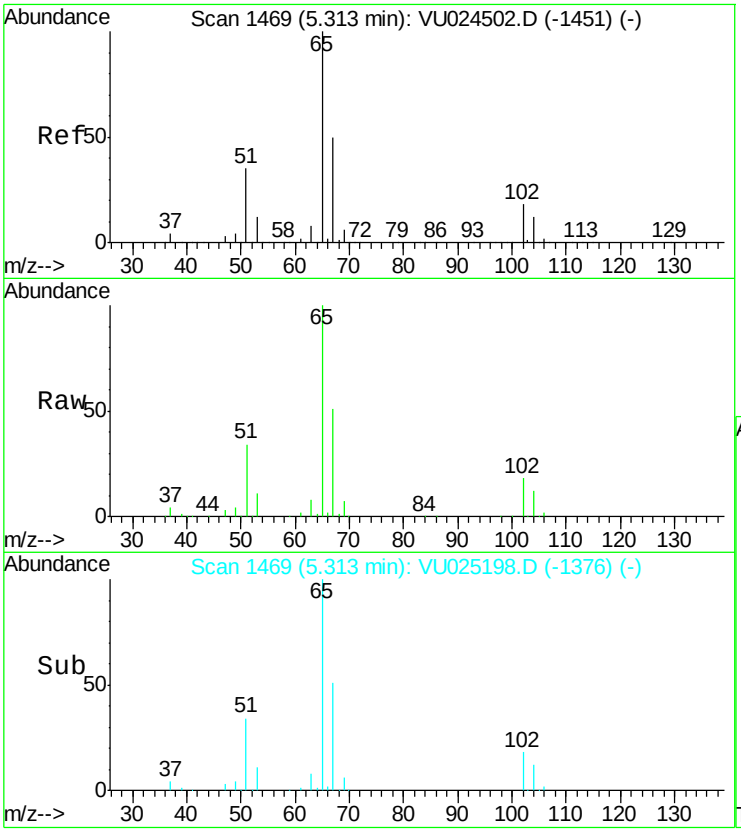


#20
Methylene Chloride
Concen: 92.654 ug/l
RT: 2.71 min Scan# 658
Delta R.T. -0.00 min
Lab File: VU025198.D
Acq: 03 Jul 2018 18:50

Tgt Ion: 84 Resp: 257609

Ion	Ratio	Lower	Upper
84	100		
49	125.6	103.8	155.8
51	39.3	32.0	48.0
86	65.0	51.6	77.4



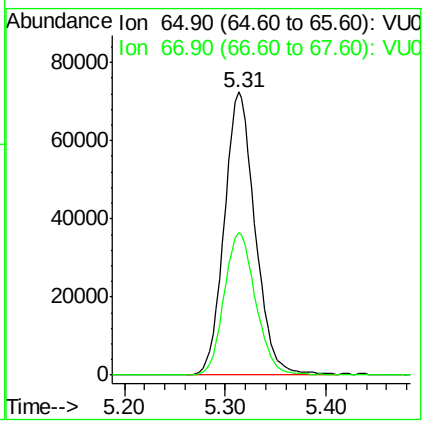


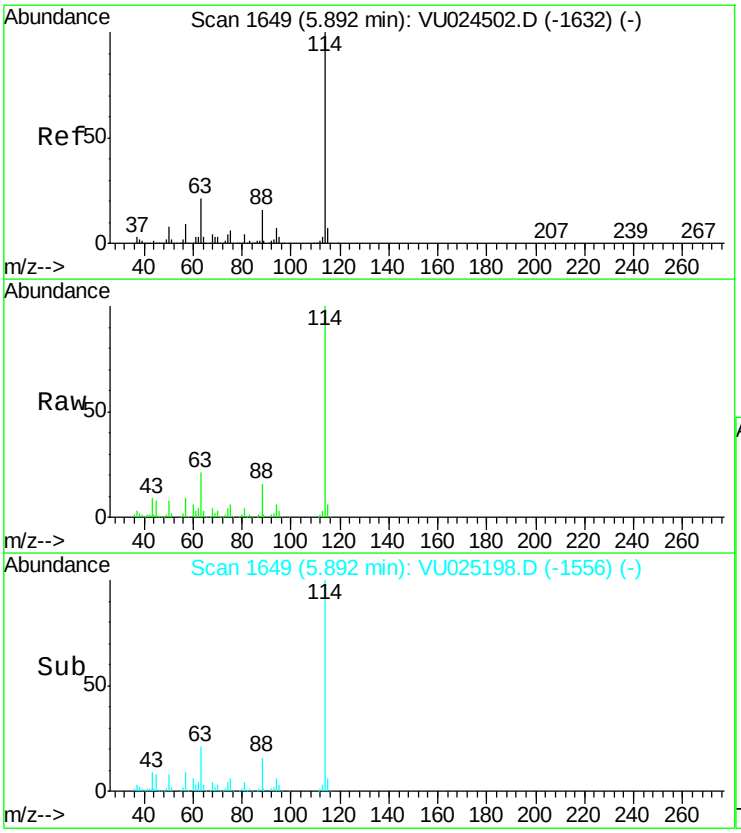
#33
1,2-Dichloroethane-d4
Concen: 46.759 ug/l
RT: 5.31 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VU025198.D
Acq: 03 Jul 2018 18:50

Instrument :
MSVOA_U
ClientSampleId :
OK-03-070218

Tgt Ion: 65 Resp: 154207

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	107.0

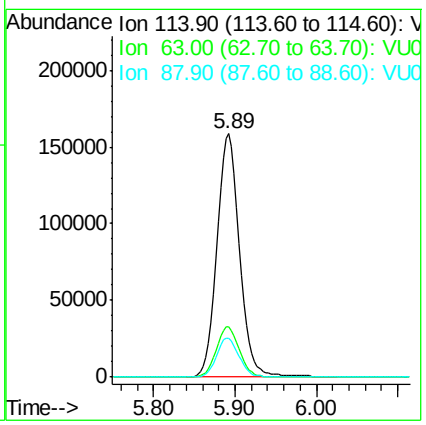


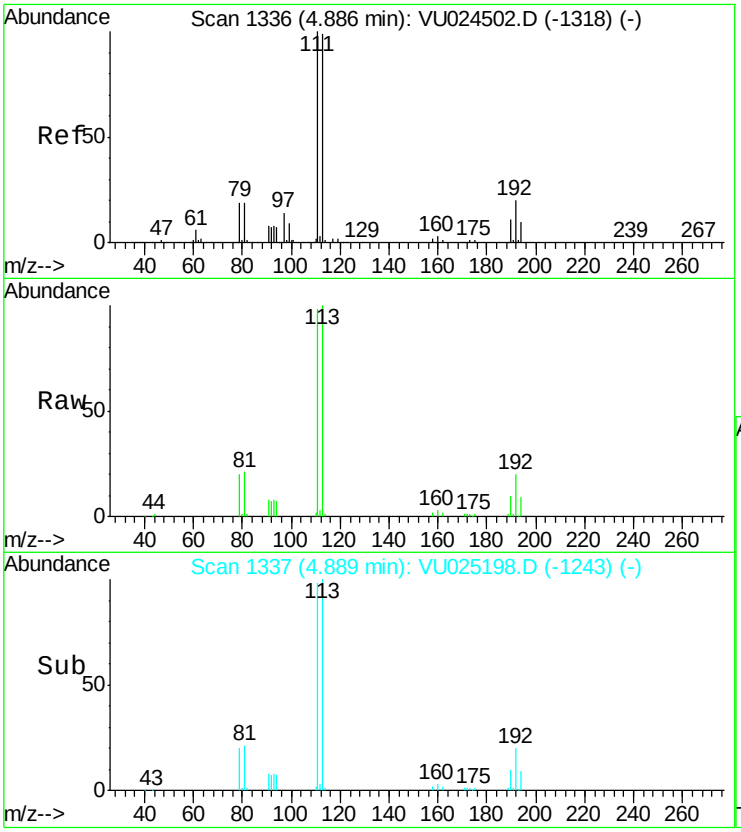


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.89 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VU025198.D
Acq: 03 Jul 2018 18:50

Tgt Ion:114 Resp: 312142

Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	45.4
88	16.1	0.0	31.0



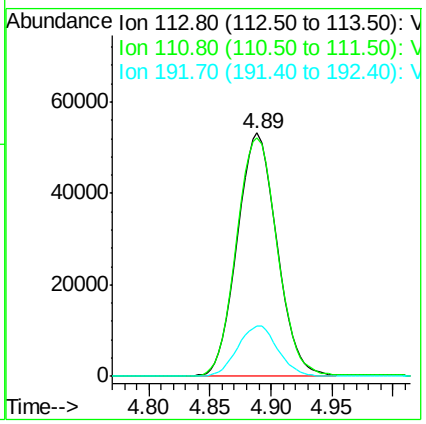


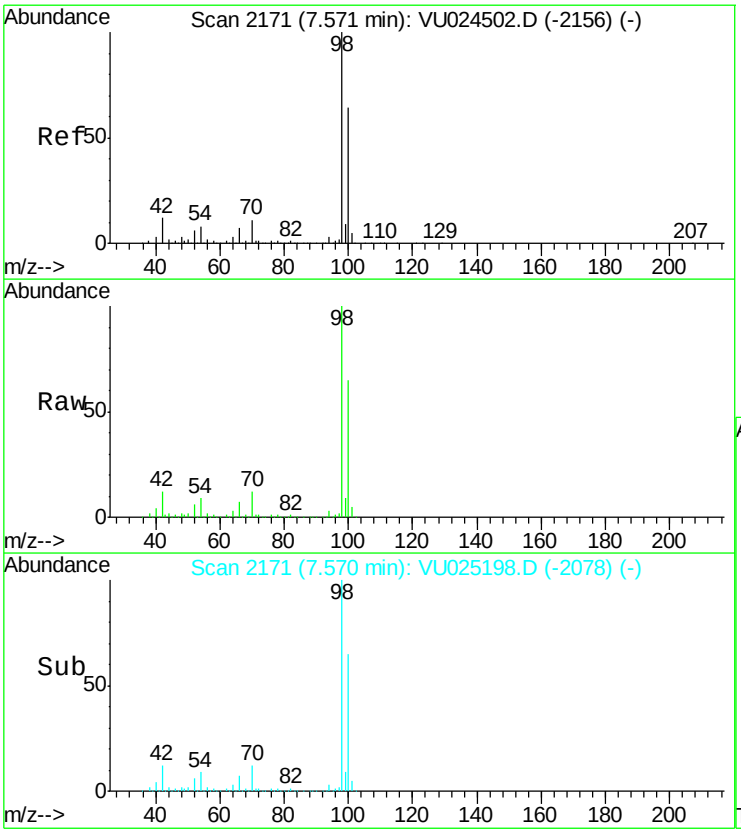
#35
Dibromofluoromethane
Concen: 46.353 ug/l
RT: 4.89 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VU025198.D
Acq: 03 Jul 2018 18:50

Instrument : MSVOA_U
ClientSampleId : OK-03-070218

Tgt Ion:113 Resp: 120078

Ion	Ratio	Lower	Upper
113	100		
111	100.7	82.2	123.4
192	21.0	16.2	24.4

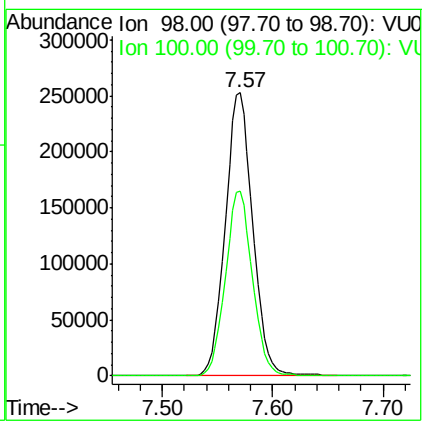


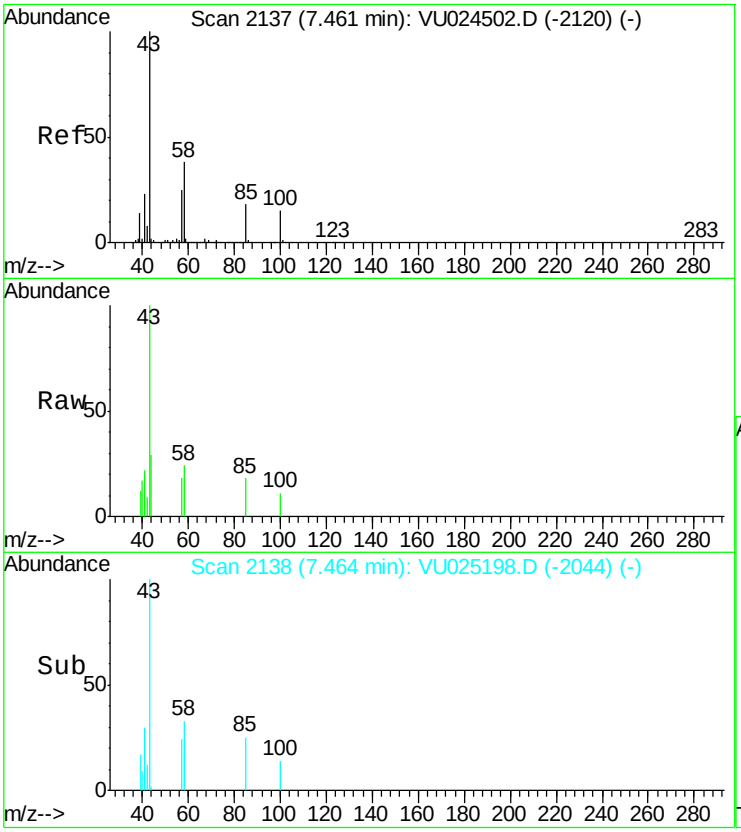


#50
Toluene-d8
Concen: 46.196 ug/l
RT: 7.57 min Scan# 2171
Delta R.T. -0.00 min
Lab File: VU025198.D
Acq: 03 Jul 2018 18:50

Tgt Ion: 98 Resp: 436517

Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.1	76.7



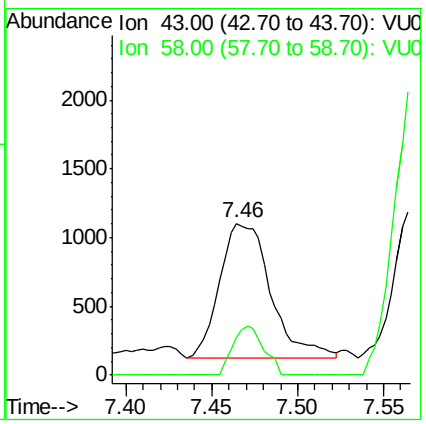


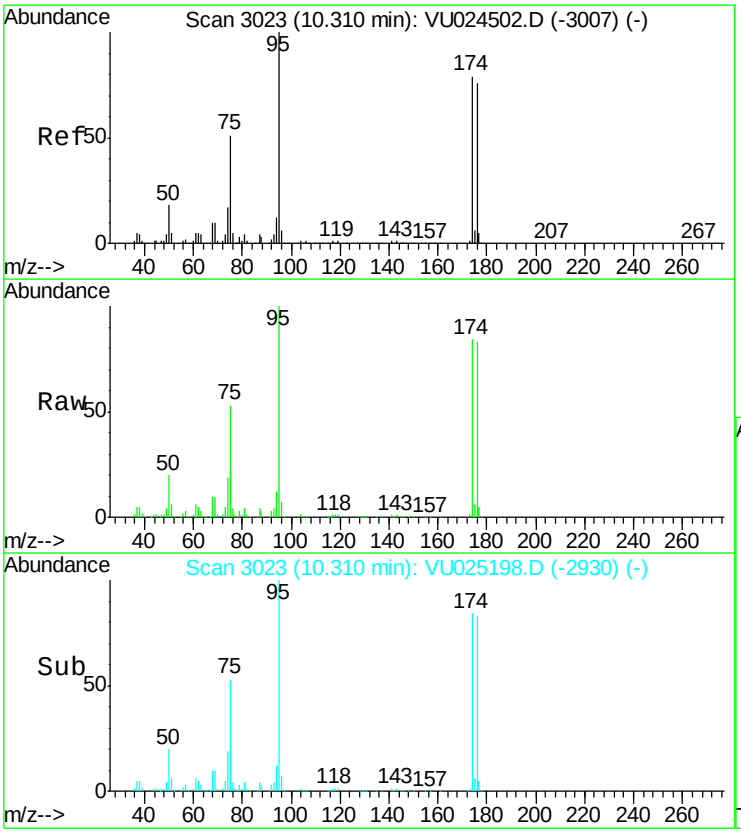
#51
4-Methyl-2-Pentanone
Concen: 0.467 ug/l
RT: 7.46 min Scan# 2138
Delta R.T. 0.00 min
Lab File: VU025198.D
Acq: 03 Jul 2018 18:50

Instrument : MSVOA_U
ClientSampleId : OK-03-070218

Tgt Ion: 43 Resp: 2028

Ion	Ratio	Lower	Upper
43	100		
58	21.8	30.0	45.0#

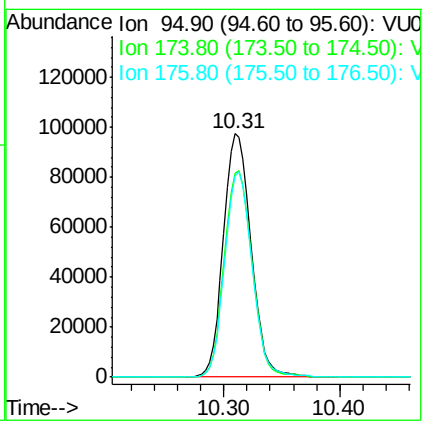


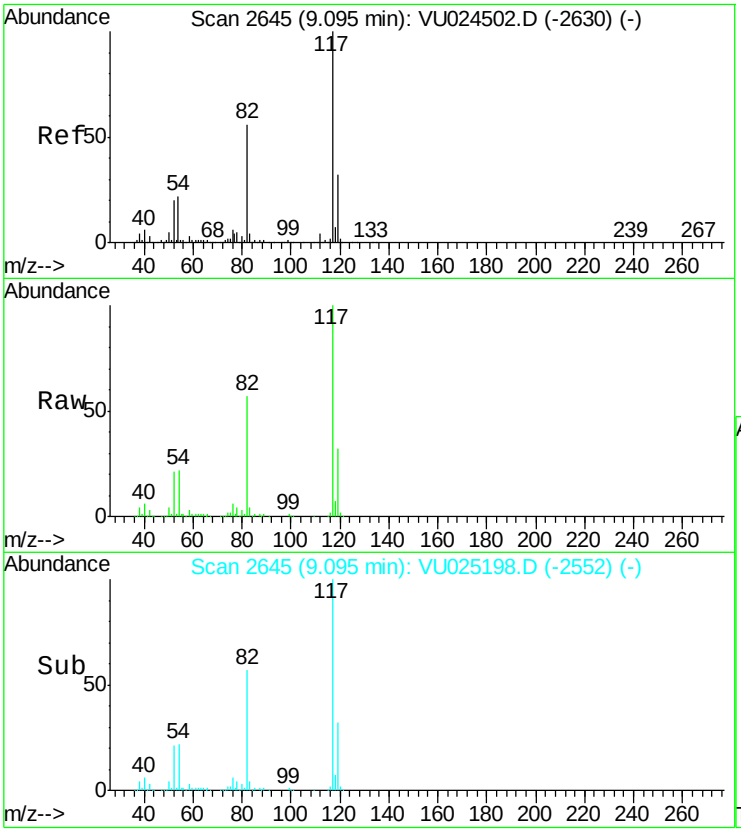


#62
4-Bromofluorobenzene
Concen: 42.954 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. -0.00 min
Lab File: VU025198.D
Acq: 03 Jul 2018 18:50

Tgt Ion: 95 Resp: 161152

Ion	Ratio	Lower	Upper
95	100		
174	85.3	0.0	165.8
176	83.0	0.0	159.4



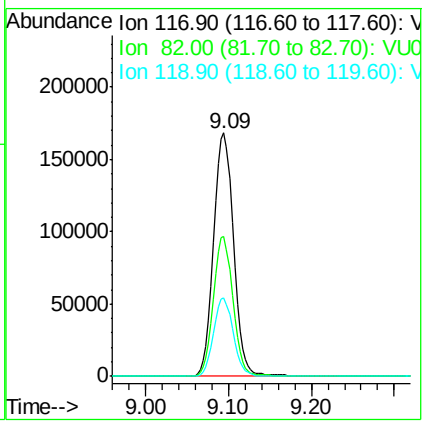


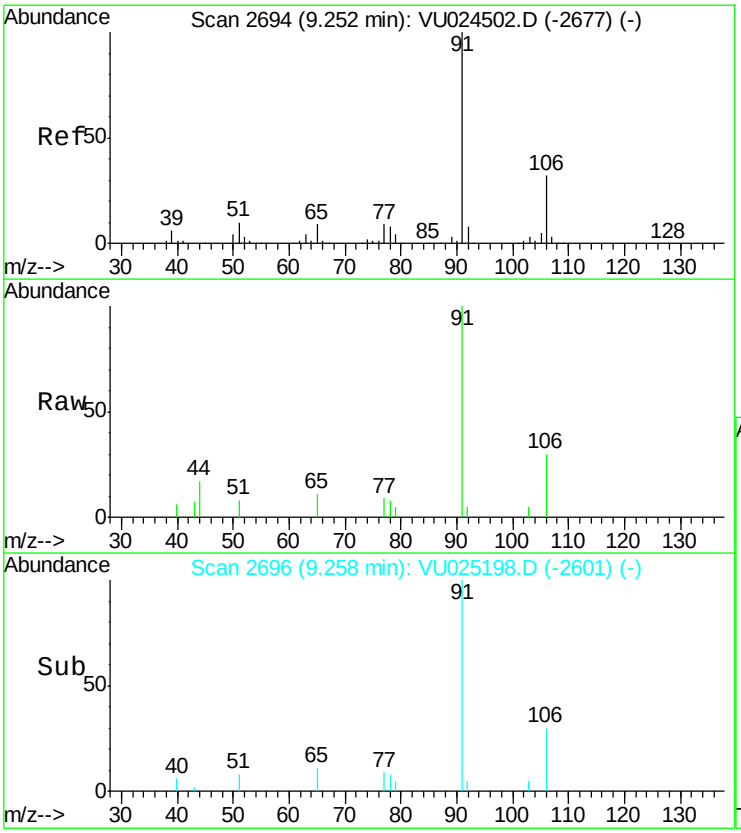
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. -0.00 min
Lab File: VU025198.D
Acq: 03 Jul 2018 18:50

Instrument : MSVOA_U
ClientSampleId : OK-03-070218

Tgt Ion:117 Resp: 281949

Ion	Ratio	Lower	Upper
117	100		
82	57.4	44.3	66.5
119	32.3	25.4	38.2

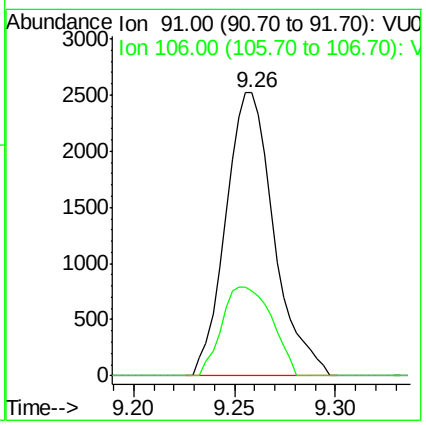


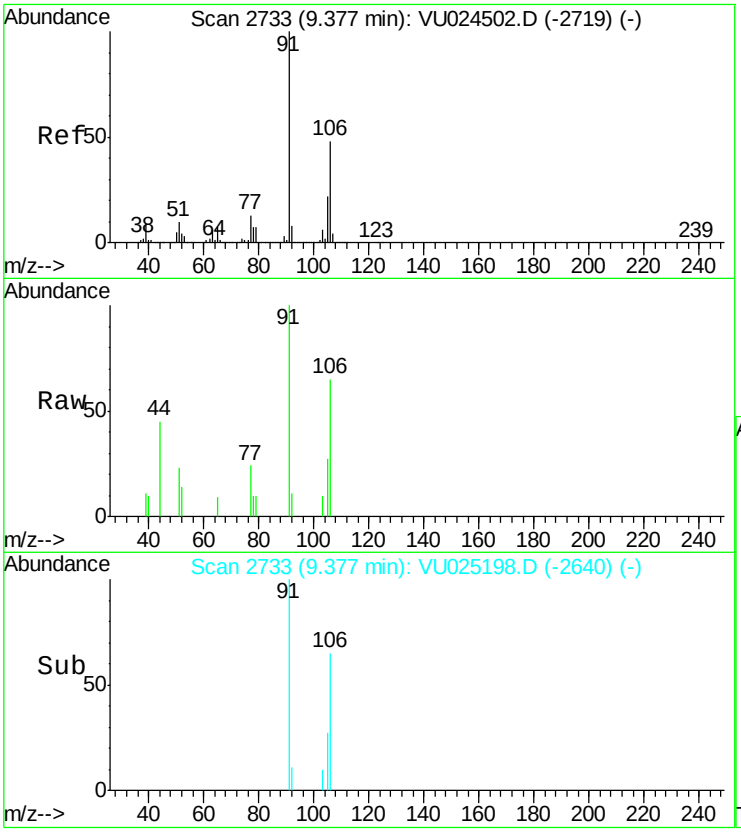


#67
Ethyl Benzene
Concen: 0.334 ug/l
RT: 9.26 min Scan# 2696
Delta R.T. 0.01 min
Lab File: VU025198.D
Acq: 03 Jul 2018 18:50

Tgt Ion: 91 Resp: 4217

Ion	Ratio	Lower	Upper
91	100		
106	30.1	24.2	36.4



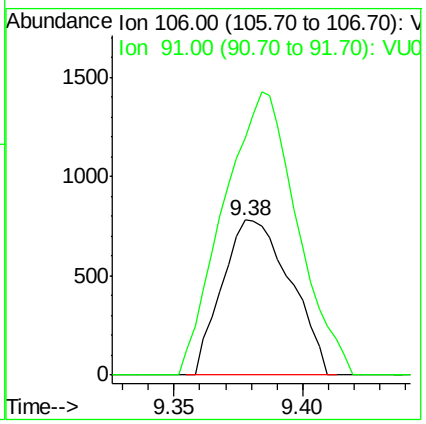


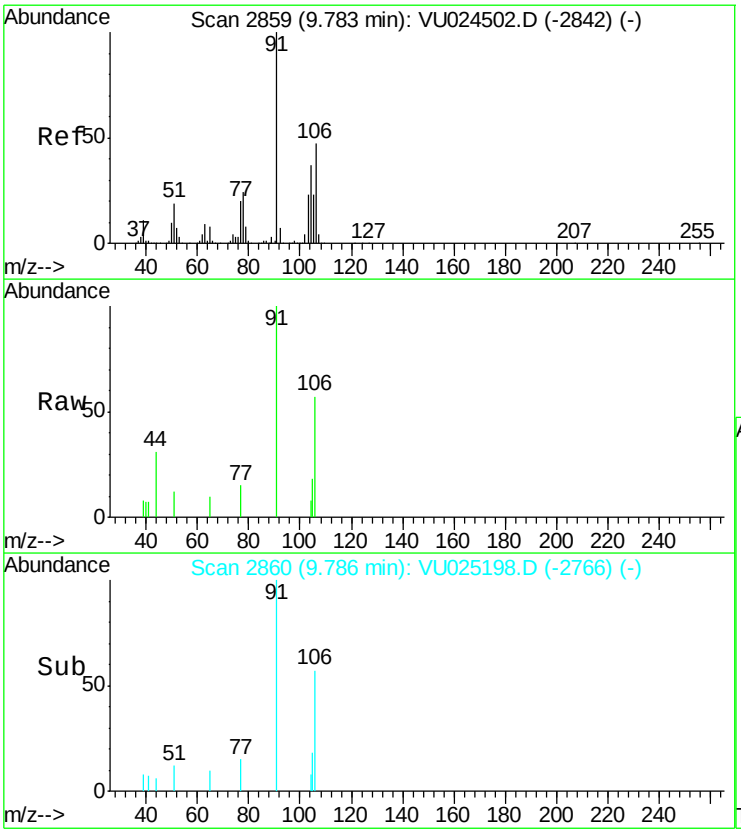
#68
m/p-Xylenes
Concen: 0.297 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. -0.00 min
Lab File: VU025198.D
Acq: 03 Jul 2018 18:50

Instrument :
MSVOA_U
ClientSampleId :
OK-03-070218

Tgt Ion:106 Resp: 1440

Ion	Ratio	Lower	Upper
106	100		
91	197.4	166.5	249.7

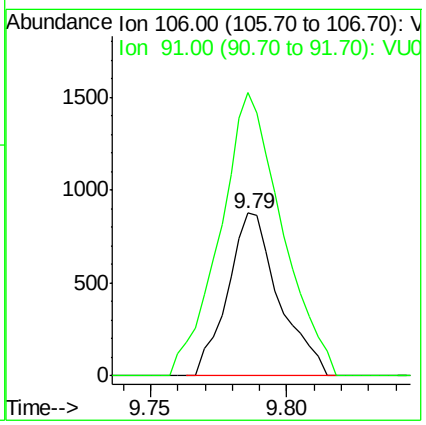


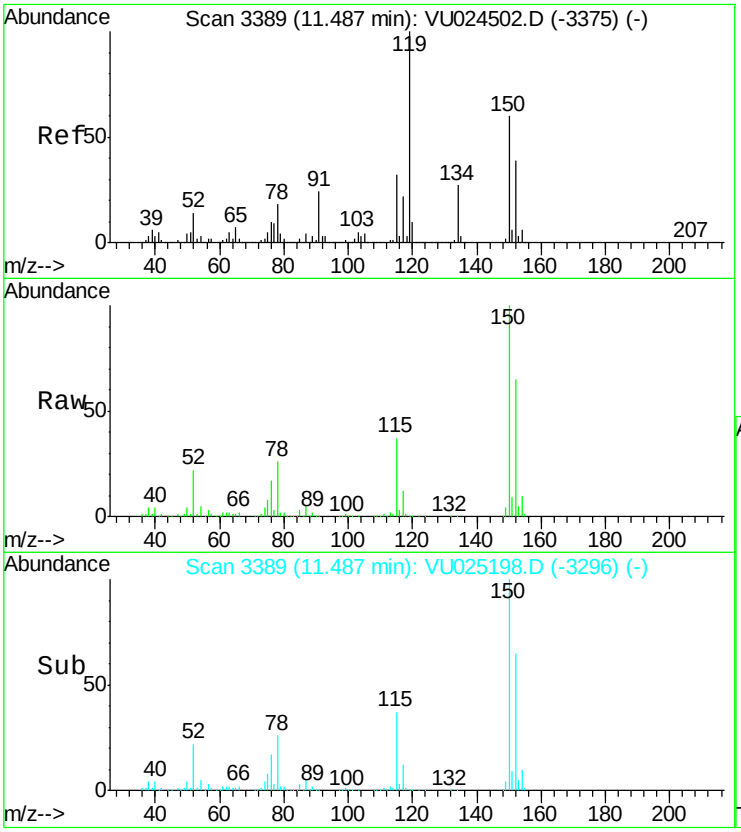


#69
o-Xylene
Concen: 0.238 ug/l
RT: 9.79 min Scan# 2860
Delta R.T. 0.00 min
Lab File: VU025198.D
Acq: 03 Jul 2018 18:50

Tgt Ion:106 Resp: 1141

Ion	Ratio	Lower	Upper
106	100		
91	210.7	110.7	331.9



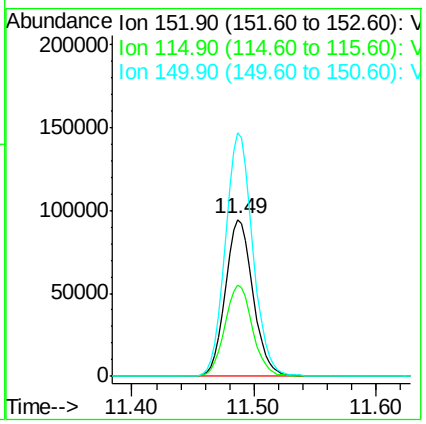


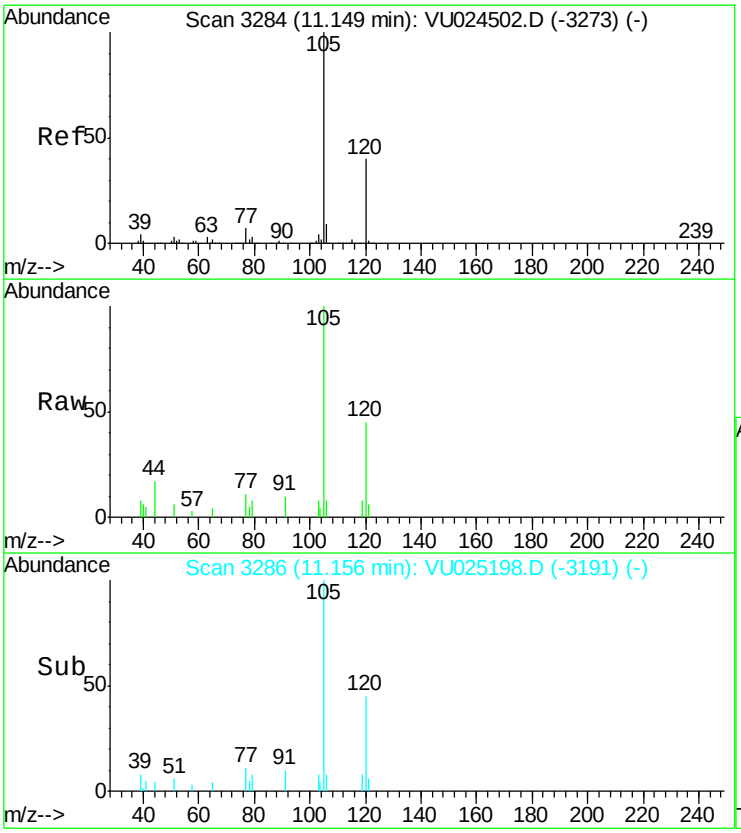
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. -0.00 min
Lab File: VU025198.D
Acq: 03 Jul 2018 18:50

Instrument : MSVOA_U
ClientSampleId : OK-03-070218

Tgt Ion:152 Resp: 150005

Ion	Ratio	Lower	Upper
152	100		
115	58.4	43.0	129.0
150	154.3	0.0	354.0

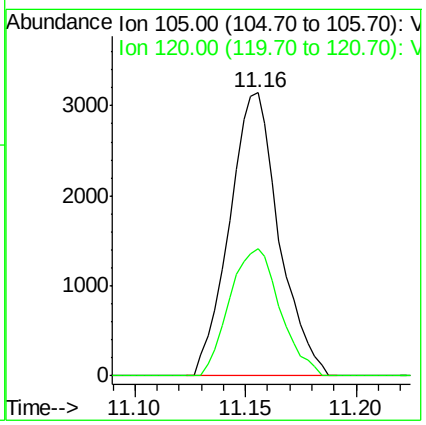


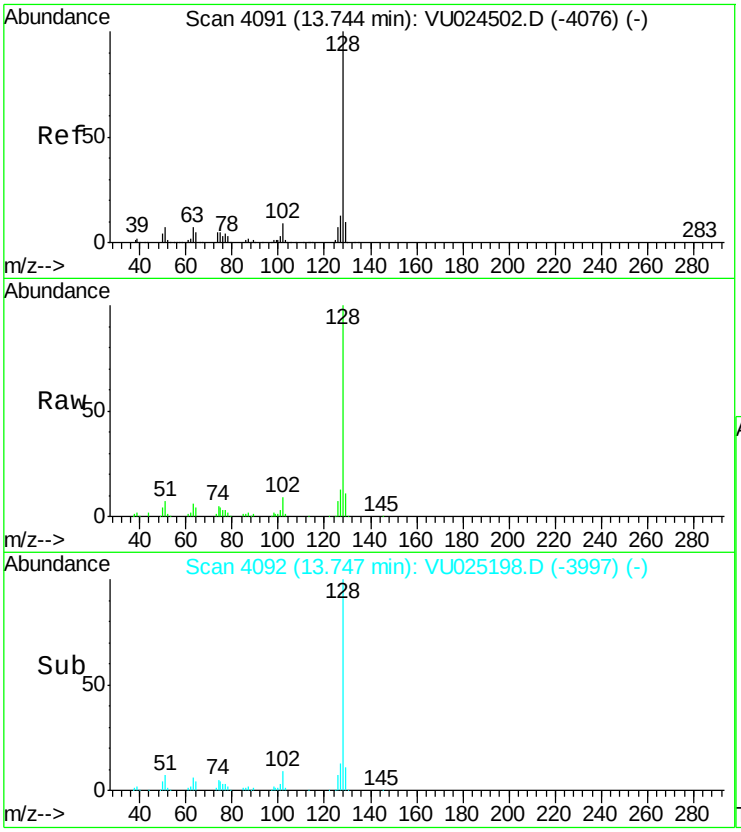


#84
1,2,4-Trimethylbenzene
Concen: 0.481 ug/l
RT: 11.16 min Scan# 3286
Delta R.T. 0.01 min
Lab File: VU025198.D
Acq: 03 Jul 2018 18:50

Tgt Ion:105 Resp: 4898

Ion	Ratio	Lower	Upper
105	100		
120	45.7	22.6	67.8





#95
Naphthalene
Concen: 9.053 ug/l
RT: 13.75 min Scan# 4092
Delta R.T. 0.00 min
Lab File: VU025198.D
Acq: 03 Jul 2018 18:50

Instrument :
MSVOA_U
ClientSampleId :
OK-03-070218

Tgt Ion:128 Resp: 93630

Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.6	16.0
129	11.2	8.6	12.8