Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071218\
Data File : VU025347.D
Acq On : 12 Jul 2018 18:20
Operator : MD/SY
Sample : J3924-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : RO-1-4

Quant Time: Jul 13 08:24:31 2018
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070918W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 10 09:34:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	195489	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	300017	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	275197	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	145880	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	149072	49.08	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.16%			
35) Dibromofluoromethane	4.89	113	116636	46.08	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.16%			
50) Toluene-d8	7.57	98	425366	49.08	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.16%			
62) 4-Bromofluorobenzene	10.31	95	156869	44.96	ug/l	0.00
Spiked Amount 50.000			Recovery = 89.92%			
Target Compounds						Qvalue
8) Diethyl Ether	2.10	74	1575	1.201	ug/l	67
16) Acetone	2.32	43	12861	13.004	ug/l	99
18) Methyl Acetate	2.62	43	17027	5.476	ug/l	98
20) Methylene Chloride	2.70	84	54093	23.395	ug/l	98
68) m/p-Xylenes	9.38	106	11924	2.632	ug/l	96
84) 1,2,4-Trimethylbenzene	11.15	105	14843	1.544	ug/l	98
95) Naphthalene	13.75	128	102894	11.556	ug/l	99

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

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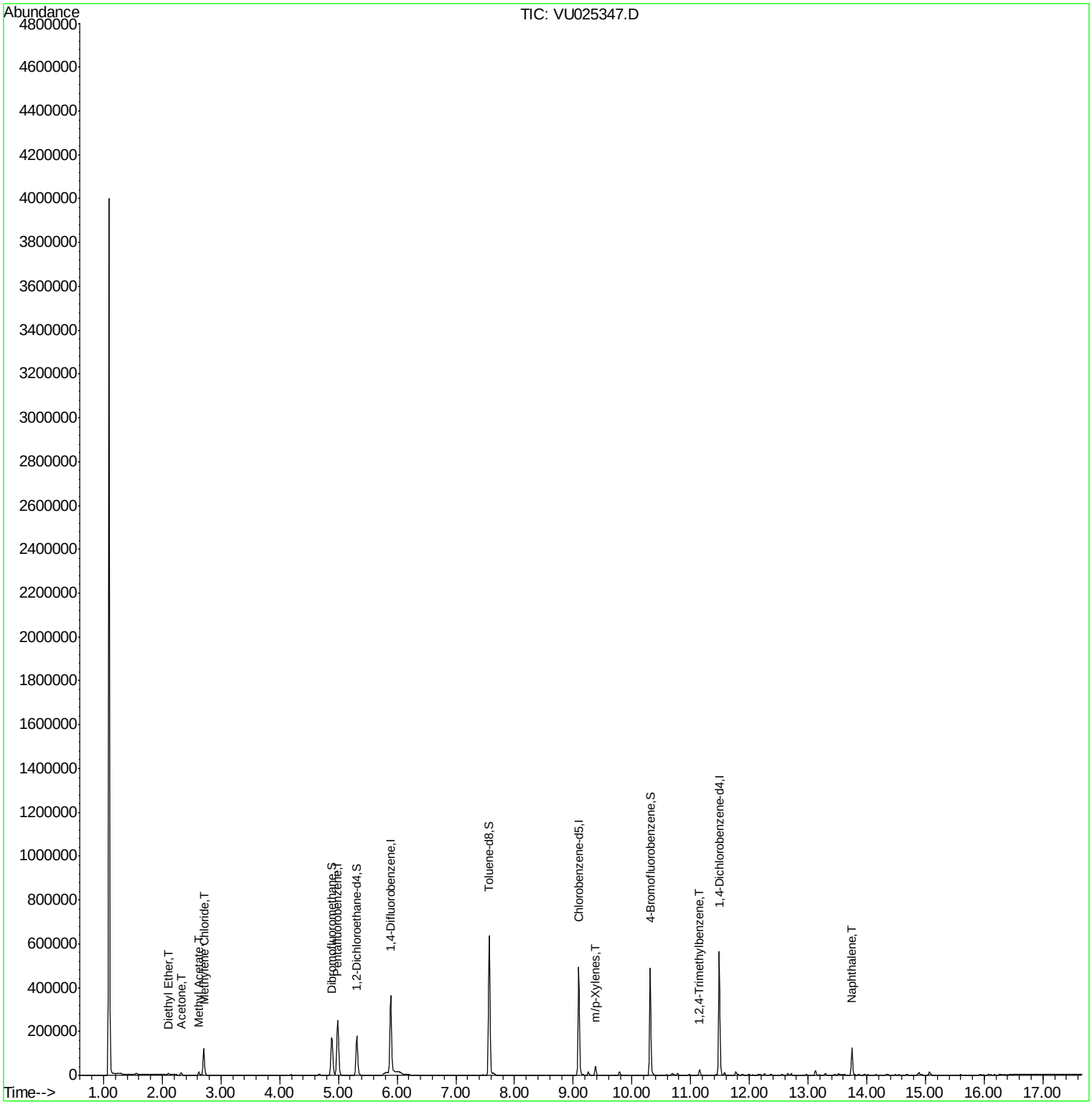
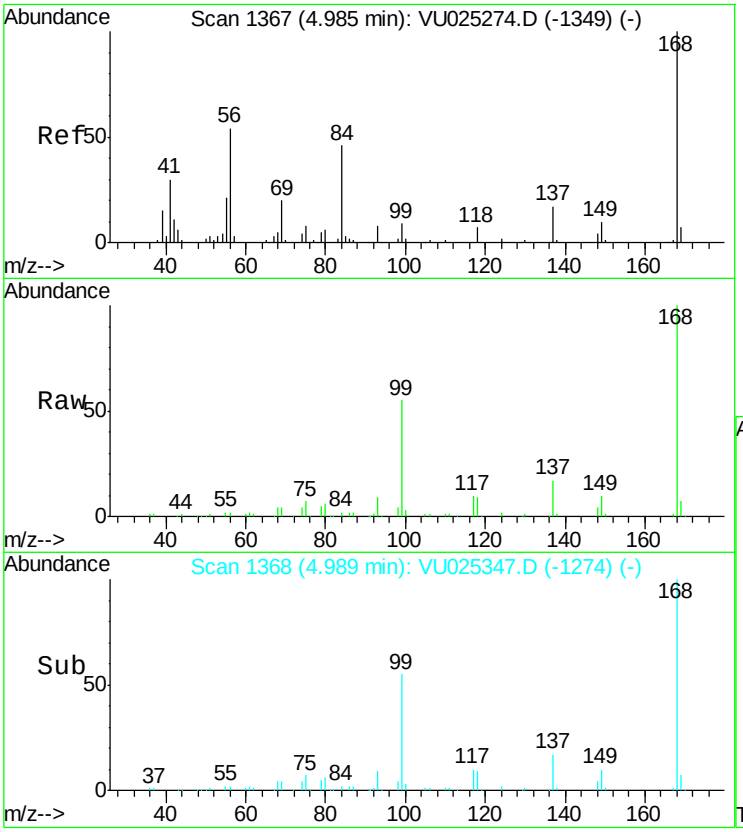


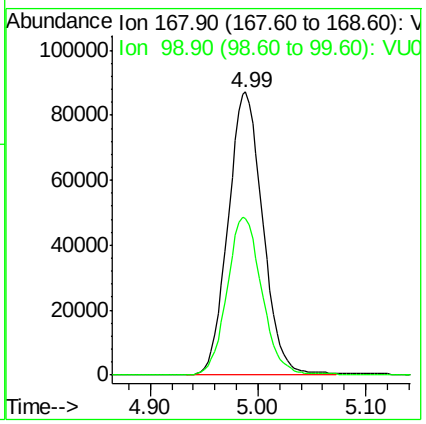


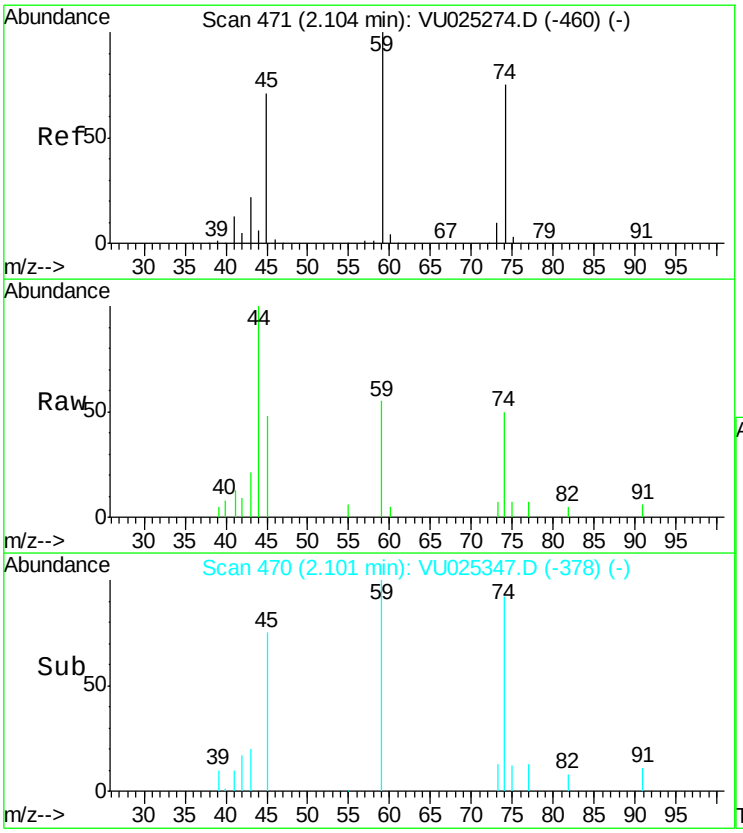
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.99 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VU025347.D
Acq: 12 Jul 2018 18:20

Instrument : MSVOA_U
ClientSampleId : RO-1-4

Tgt Ion:168 Resp: 195489

Ion	Ratio	Lower	Upper
168	100		
99	55.5	42.8	64.2

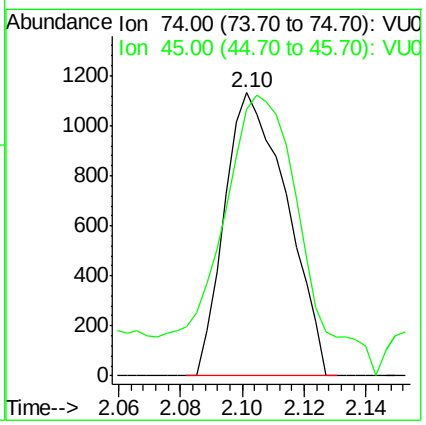


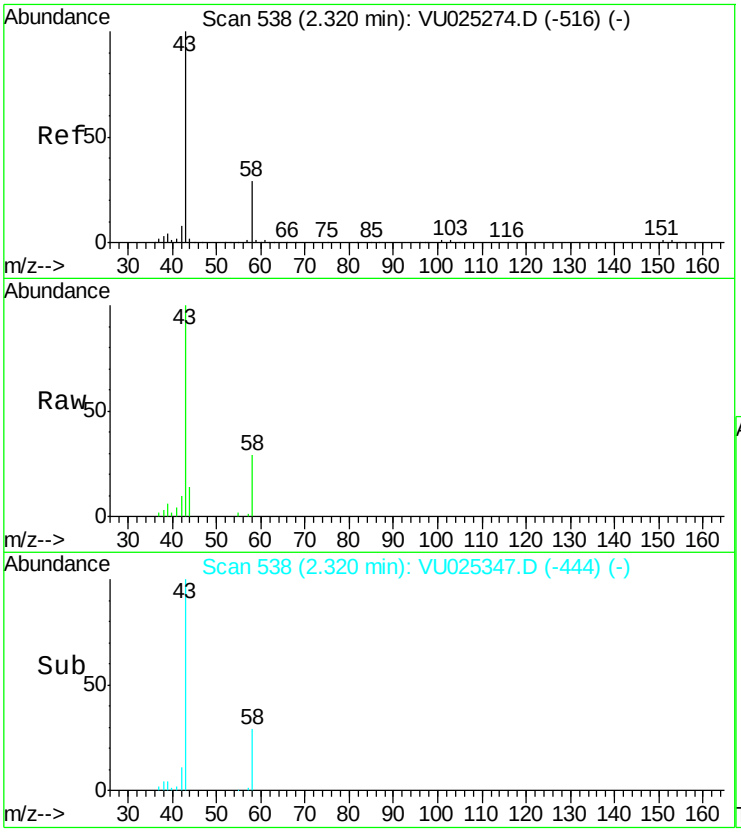


#8
Diethyl Ether
Concen: 1.201 ug/l
RT: 2.10 min Scan# 470
Delta R.T. -0.00 min
Lab File: VU025347.D
Acq: 12 Jul 2018 18:20

Tgt Ion: 74 Resp: 1575

Ion	Ratio	Lower	Upper
74	100		
45	128.8	48.3	144.9



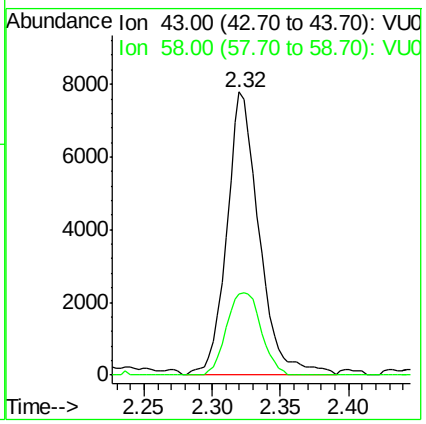


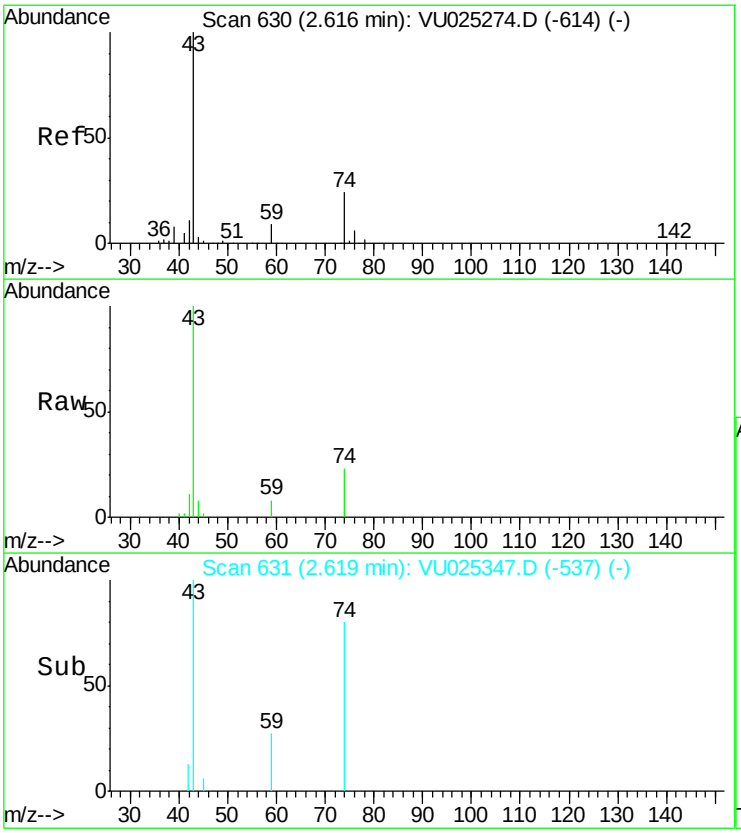
#16
Acetone
Concen: 13.004 ug/l
RT: 2.32 min Scan# 538
Delta R.T. 0.00 min
Lab File: VU025347.D
Acq: 12 Jul 2018 18:20

Instrument :
MSVOA_U
ClientSampleId :
RO-1-4

Tgt Ion: 43 Resp: 12861

Ion	Ratio	Lower	Upper
43	100		
58	28.6	23.1	34.7

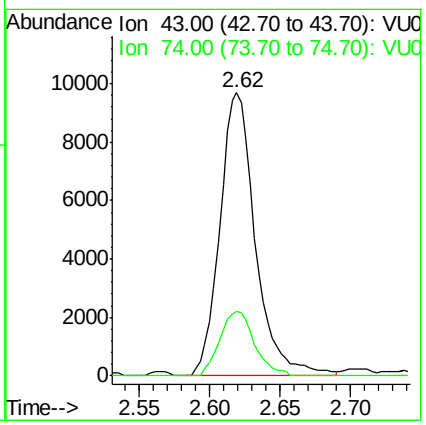


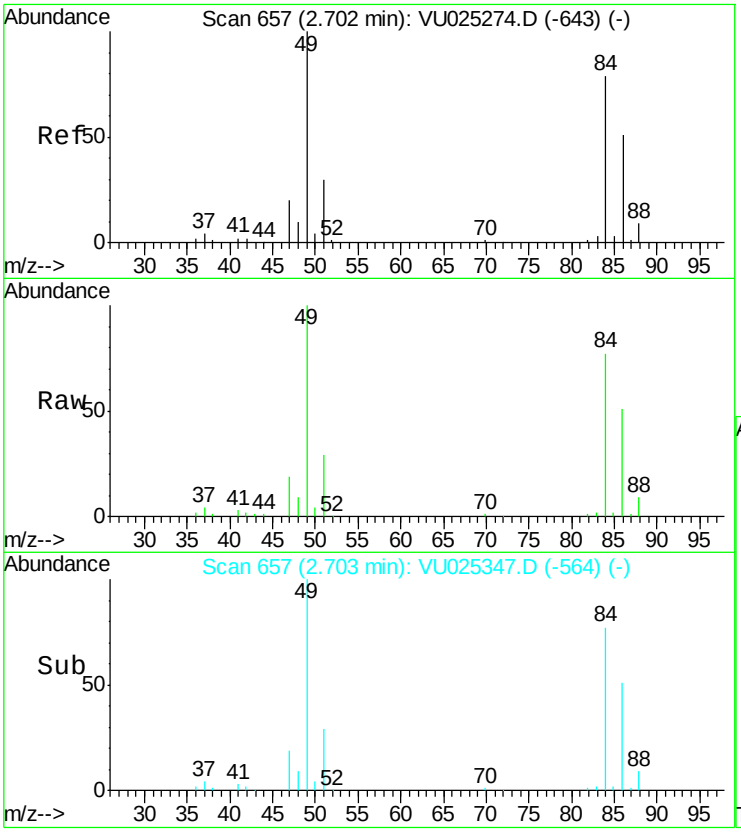


#18
Methyl Acetate
Concen: 5.476 ug/l
RT: 2.62 min Scan# 631
Delta R.T. 0.00 min
Lab File: VU025347.D
Acq: 12 Jul 2018 18:20

Tgt Ion: 43 Resp: 17027

Ion	Ratio	Lower	Upper
43	100		
74	22.1	18.5	27.7



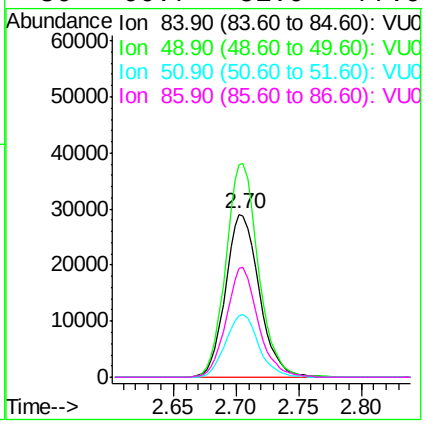


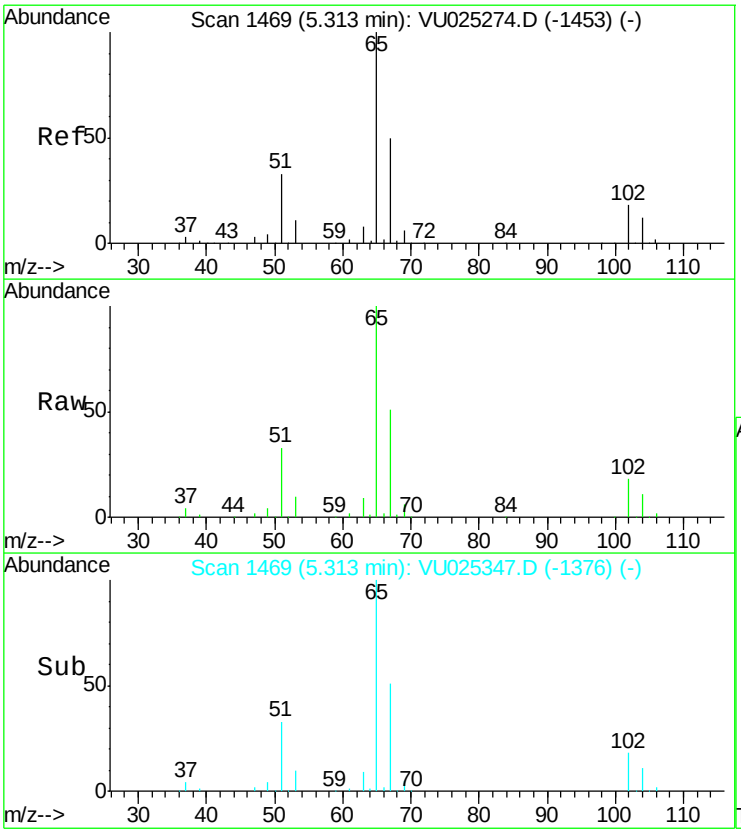
#20
Methylene Chloride
Concen: 23.395 ug/l
RT: 2.70 min Scan# 657
Delta R.T. 0.00 min
Lab File: VU025347.D
Acq: 12 Jul 2018 18:20

Instrument : MSVOA_U
ClientSampleId : RO-1-4

Tgt Ion: 84 Resp: 54093

Ion	Ratio	Lower	Upper
84	100		
49	130.7	101.8	152.6
51	37.9	30.8	46.2
86	66.7	51.9	77.9

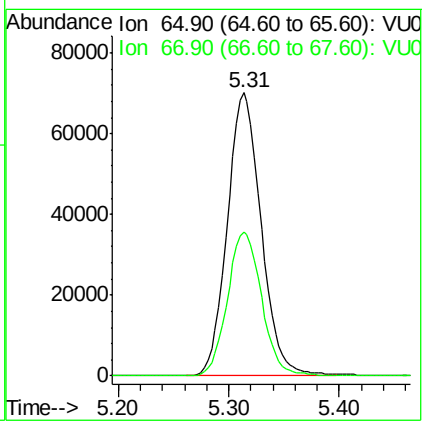


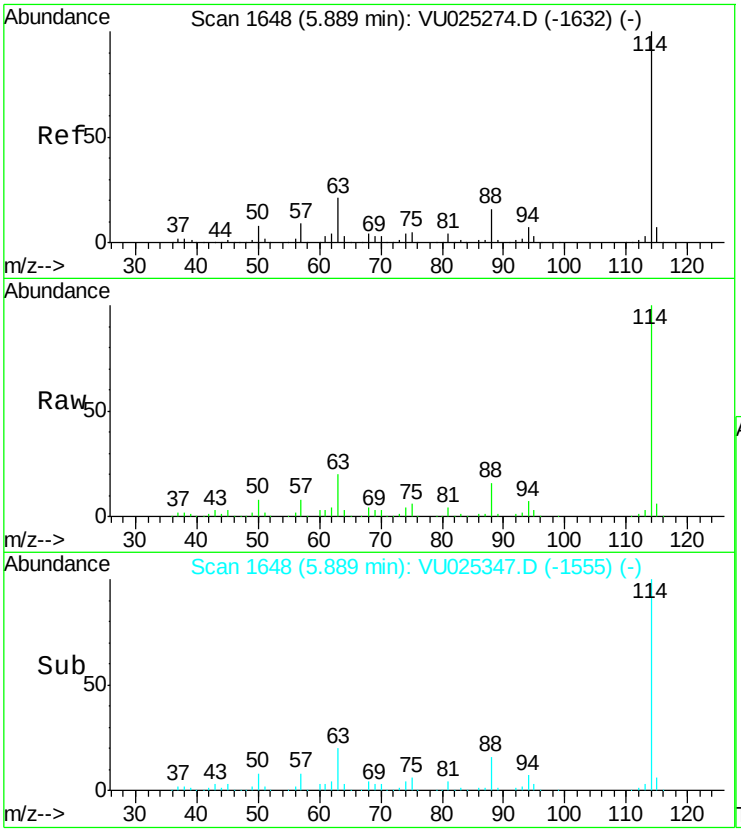


#33
1,2-Dichloroethane-d4
Concen: 49.082 ug/l
RT: 5.31 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VU025347.D
Acq: 12 Jul 2018 18:20

Tgt Ion: 65 Resp: 149072

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	103.6



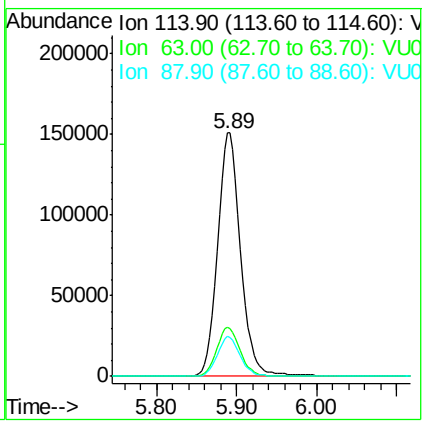


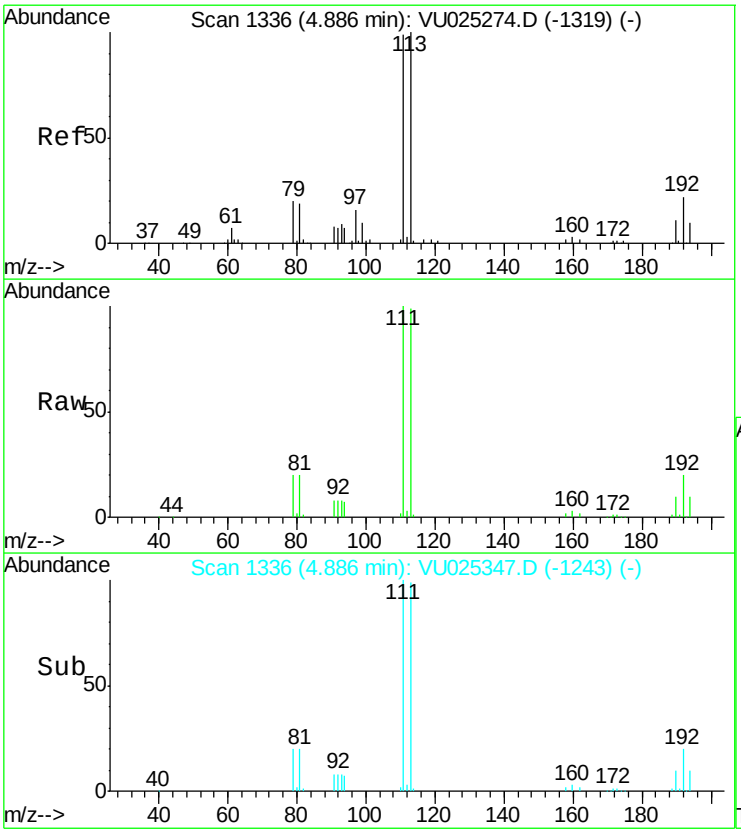
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.89 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VU025347.D
Acq: 12 Jul 2018 18:20

Instrument :
MSVOA_U
ClientSampleId :
RO-1-4

Tgt Ion:114 Resp: 300017

Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	41.6
88	16.2	0.0	32.4

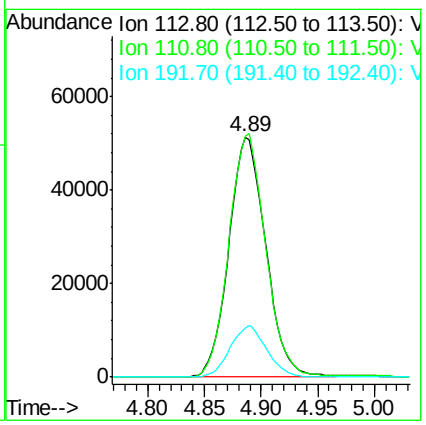


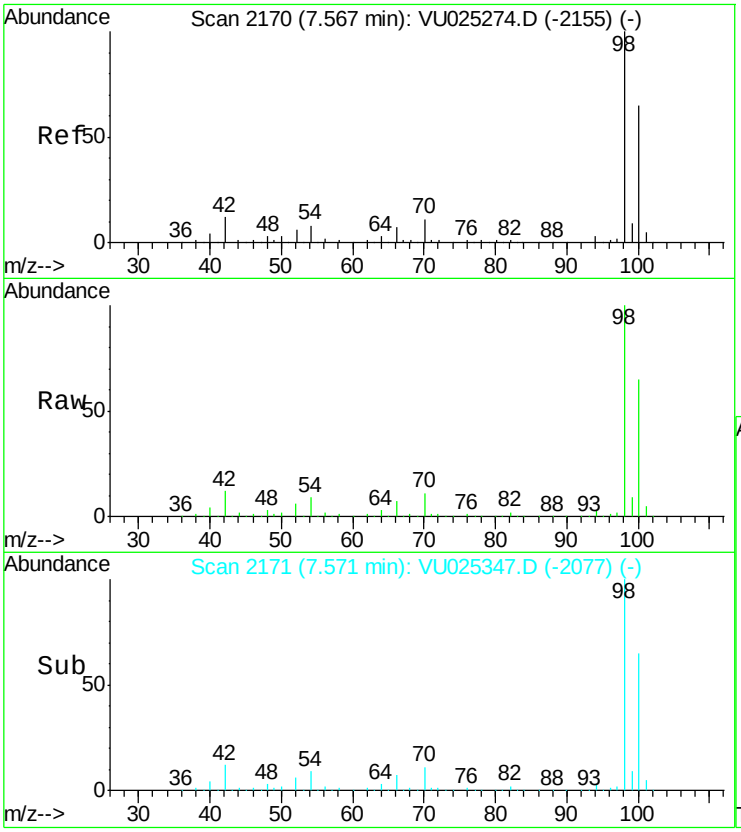


#35
Dibromofluoromethane
Concen: 46.085 ug/l
RT: 4.89 min Scan# 1336
Delta R.T. 0.00 min
Lab File: VU025347.D
Acq: 12 Jul 2018 18:20

Tgt Ion:113 Resp: 116636

Ion	Ratio	Lower	Upper
113	100		
111	100.7	81.7	122.5
192	20.9	17.1	25.7



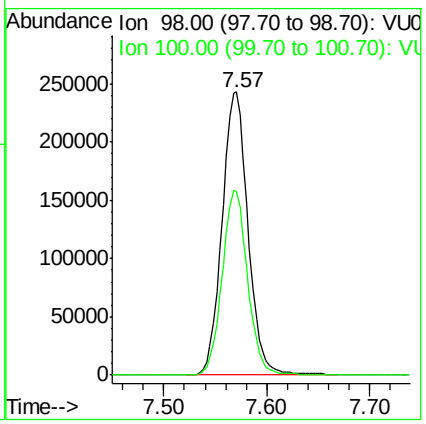


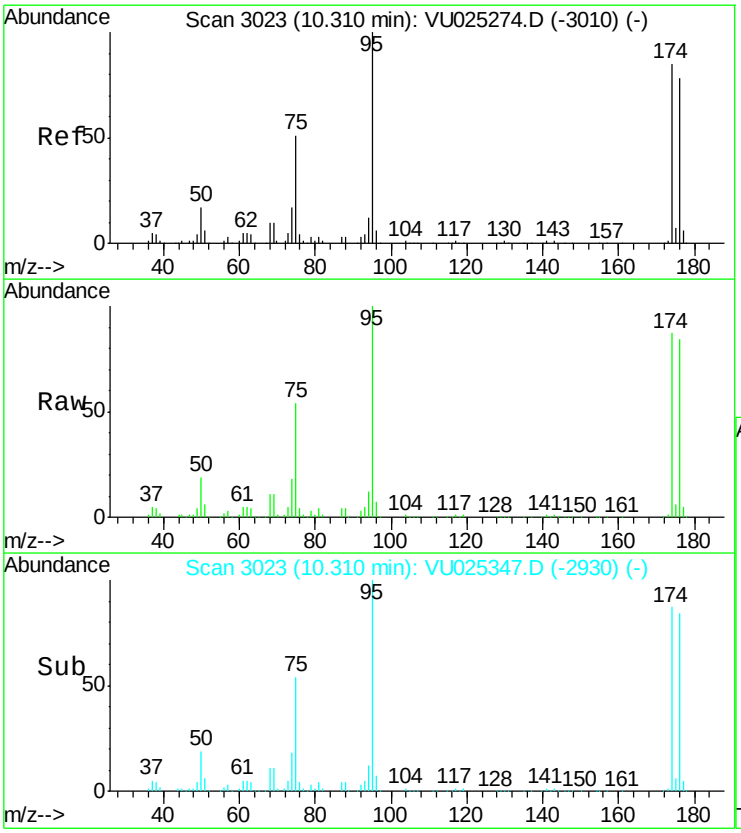
#50
Toluene-d8
Concen: 49.080 ug/l
RT: 7.57 min Scan# 2171
Delta R.T. 0.00 min
Lab File: VU025347.D
Acq: 12 Jul 2018 18:20

Instrument : MSVOA_U
ClientSampleId : RO-1-4

Tgt Ion: 98 Resp: 425366

Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.1	76.7

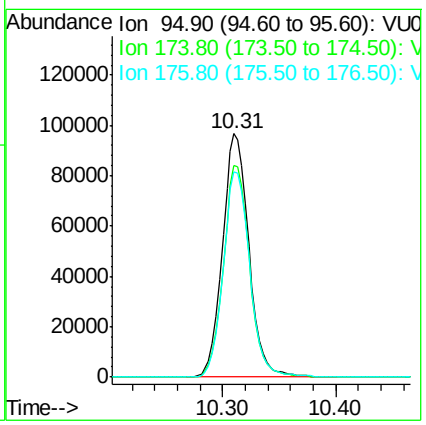


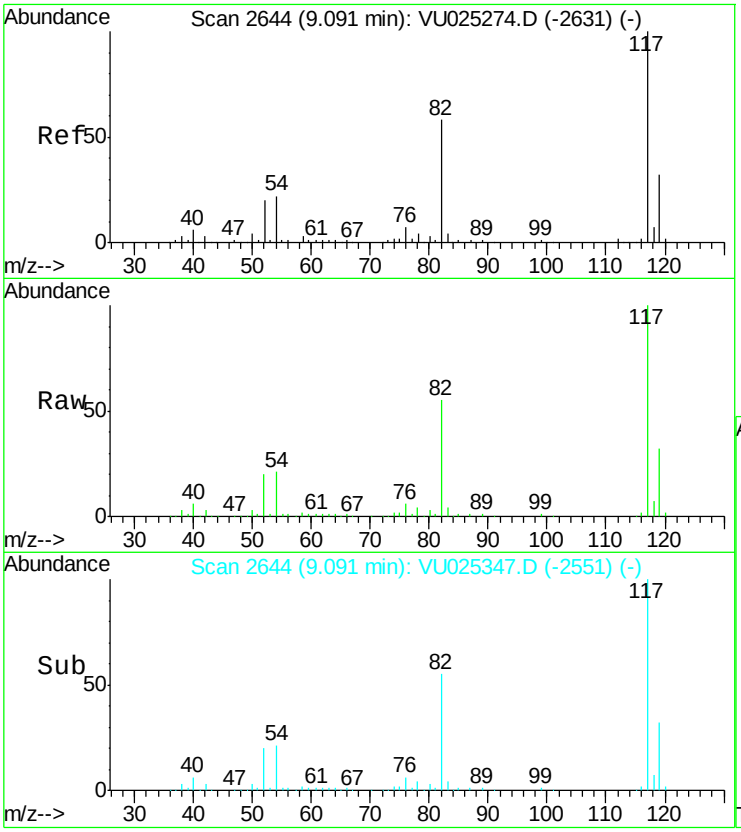


#62
4-Bromofluorobenzene
Concen: 44.958 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU025347.D
Acq: 12 Jul 2018 18:20

Tgt Ion: 95 Resp: 156869

Ion	Ratio	Lower	Upper
95	100		
174	86.3	0.0	172.2
176	84.7	0.0	162.6



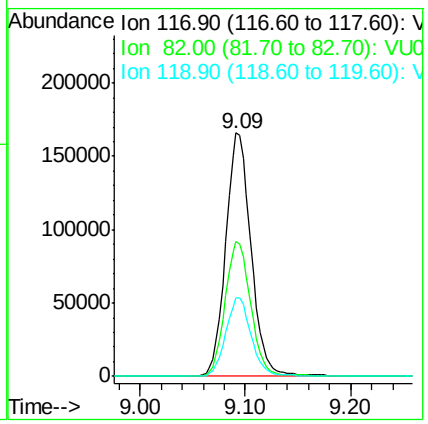


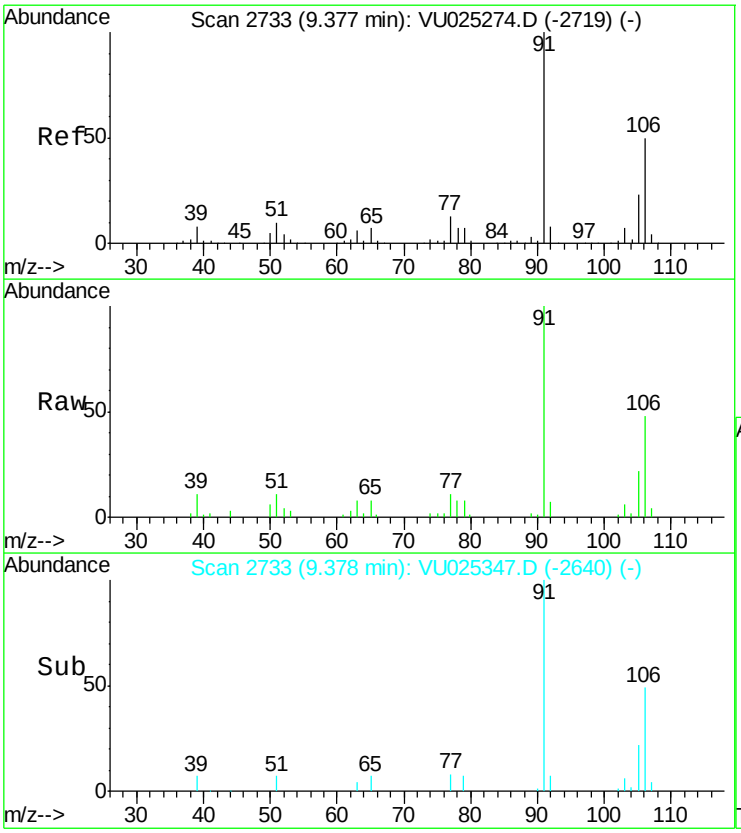
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VU025347.D
Acq: 12 Jul 2018 18:20

Instrument : MSVOA_U
ClientSampleId : RO-1-4

Tgt Ion:117 Resp: 275197

Ion	Ratio	Lower	Upper
117	100		
82	55.3	46.0	69.0
119	32.0	26.0	39.0

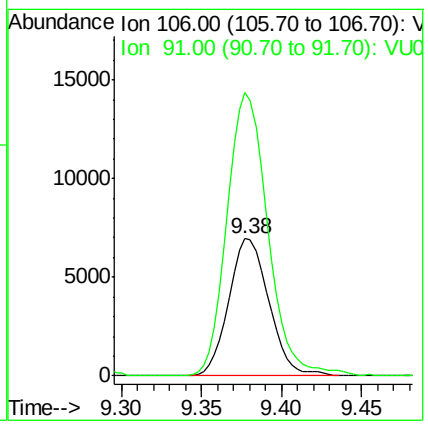


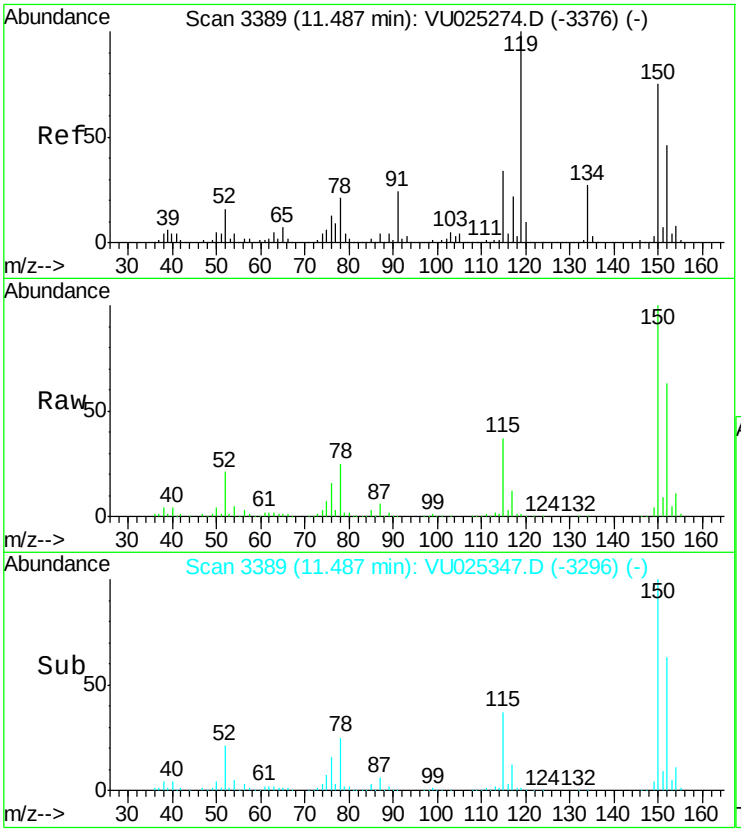


#68
m/p-Xylenes
Concen: 2.632 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU025347.D
Acq: 12 Jul 2018 18:20

Tgt Ion:106 Resp: 11924

Ion	Ratio	Lower	Upper
106	100		
91	209.4	162.3	243.5



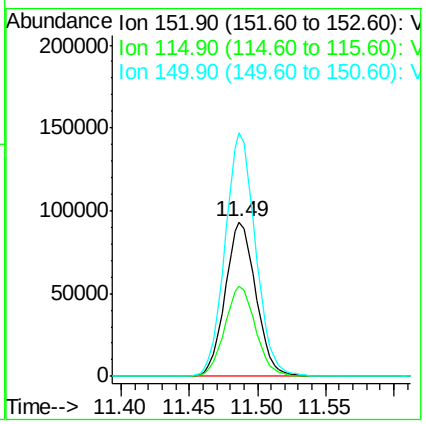


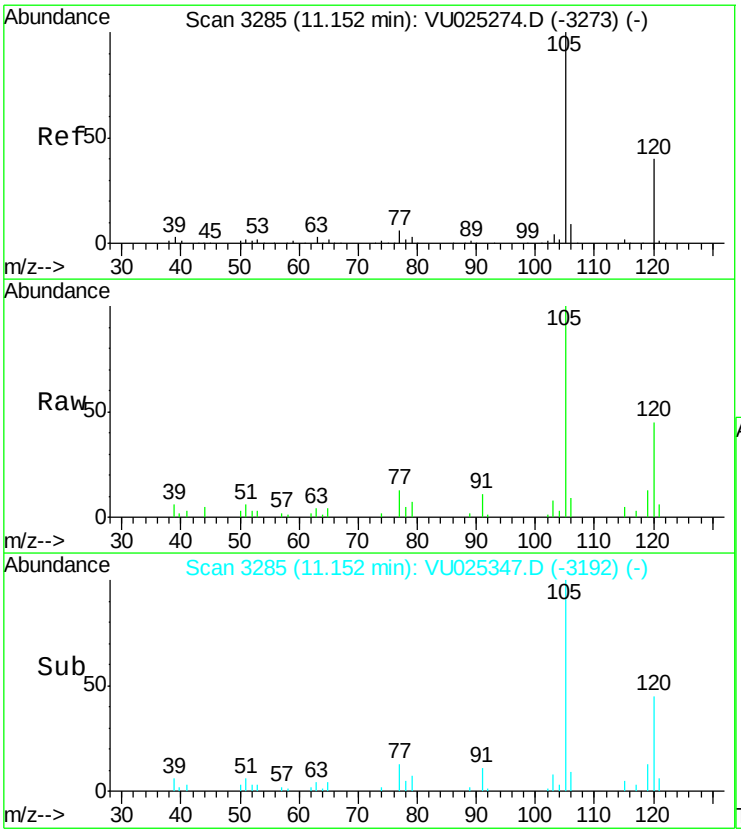
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VU025347.D
Acq: 12 Jul 2018 18:20

Instrument : MSVOA_U
ClientSampleId : RO-1-4

Tgt Ion:152 Resp: 145880

Ion	Ratio	Lower	Upper
152	100		
115	58.4	40.1	120.3
150	156.6	0.0	351.4

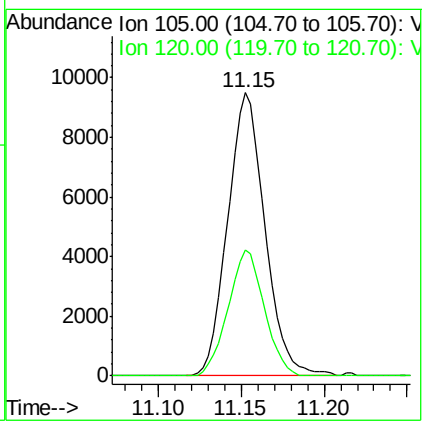


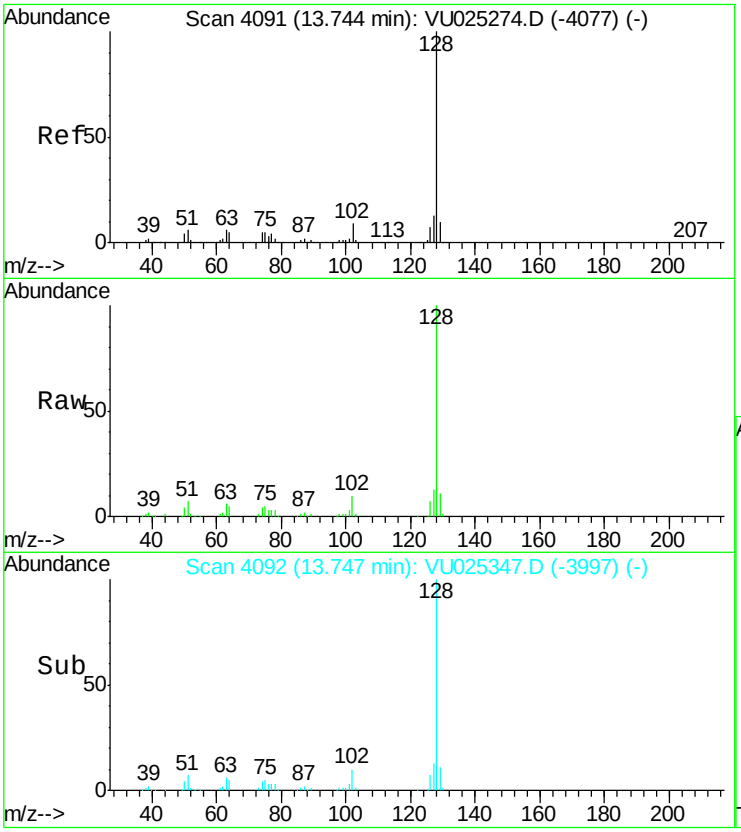


#84
1,2,4-Trimethylbenzene
Concen: 1.544 ug/l
RT: 11.15 min Scan# 3285
Delta R.T. 0.00 min
Lab File: VU025347.D
Acq: 12 Jul 2018 18:20

Tgt Ion:105 Resp: 14843

Ion	Ratio	Lower	Upper
105	100		
120	43.0	22.3	66.8





#95
Naphthalene
Concen: 11.556 ug/l
RT: 13.75 min Scan# 4092
Delta R.T. 0.00 min
Lab File: VU025347.D
Acq: 12 Jul 2018 18:20

Instrument :
MSVOA_U
ClientSampleId :
RO-1-4

Tgt Ion:128 Resp: 102894

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.5	15.7
129	10.9	8.3	12.5