Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112918\
Data File : VU028392.D
Acq On : 29 Nov 2018 14:37
Operator : MD/SY
Sample : J6081-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : S32-0639

Quant Time: Nov 30 07:35:57 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U112818W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 29 01:04:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	261716	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	493796	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	472504	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	223494	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	230189	52.63	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.26%			
35) Dibromofluoromethane	4.88	113	166389	50.67	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.34%			
50) Toluene-d8	7.57	98	660439	50.29	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.58%			
62) 4-Bromofluorobenzene	10.31	95	243817	51.51	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.02%			
Target Compounds						Qvalue
4) Vinyl Chloride	1.40	62	4555312	956.730	ug/l	99
11) Tert butyl alcohol	2.83	59	2219	2.233	ug/l #	87
12) 1,1-Dichloroethene	2.29	96	2412	0.863	ug/l	88
16) Acetone	2.32	43	15802	5.906	ug/l	96
21) trans-1,2-Dichloroethene	2.99	96	36185	11.159	ug/l	97
27) cis-1,2-Dichloroethene	4.23	96	729384	190.202	ug/l	88

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

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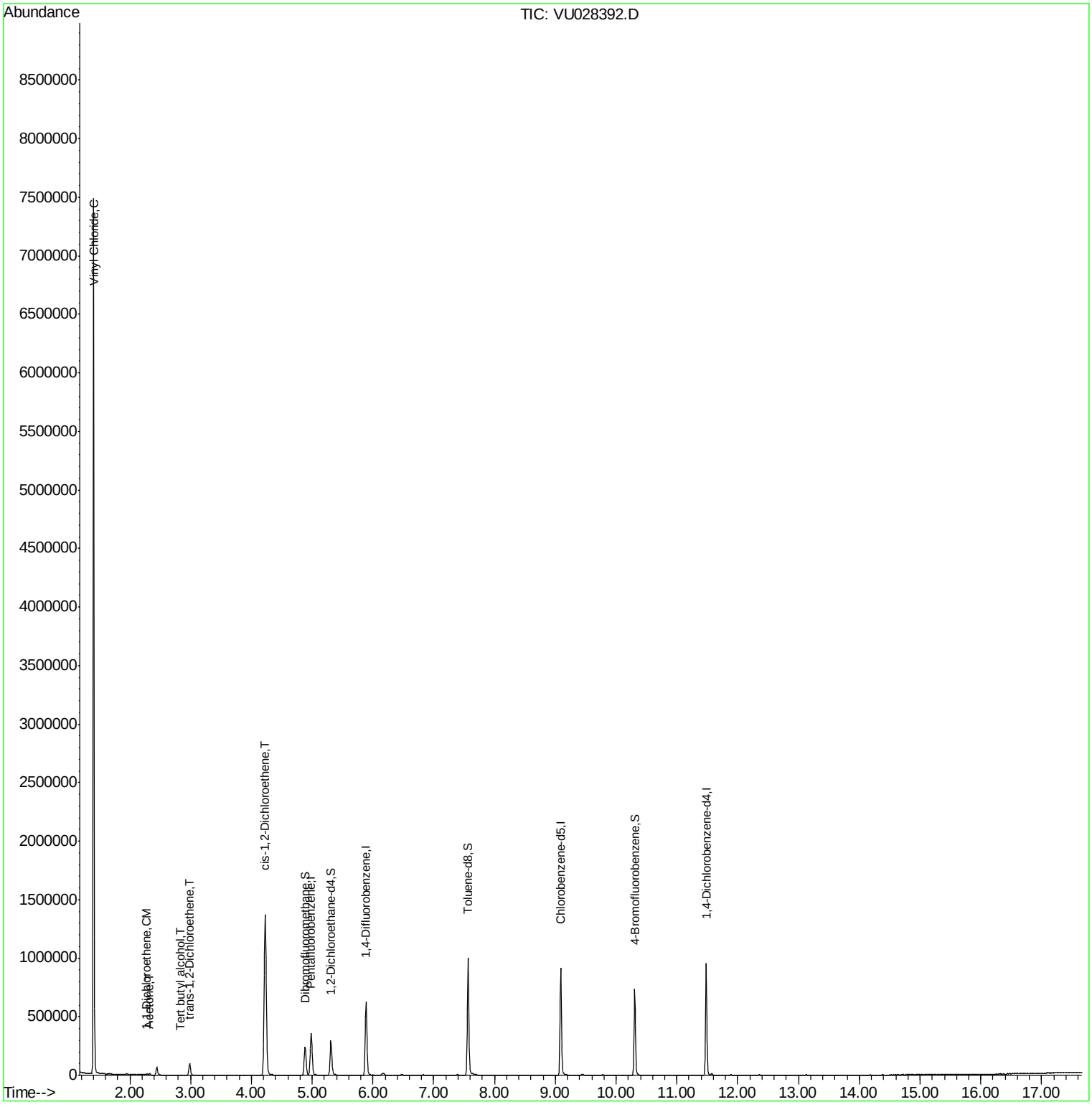
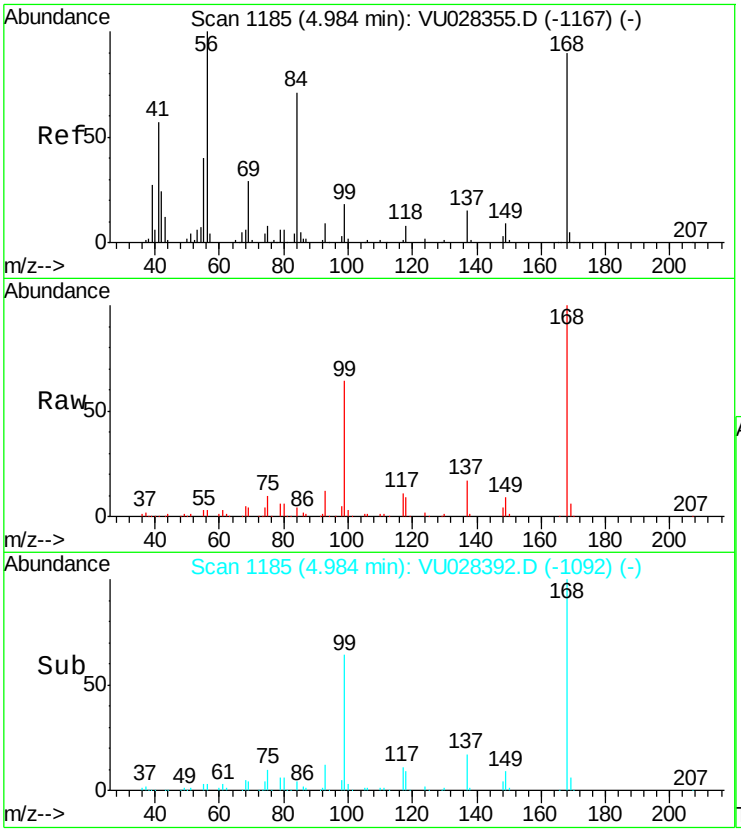


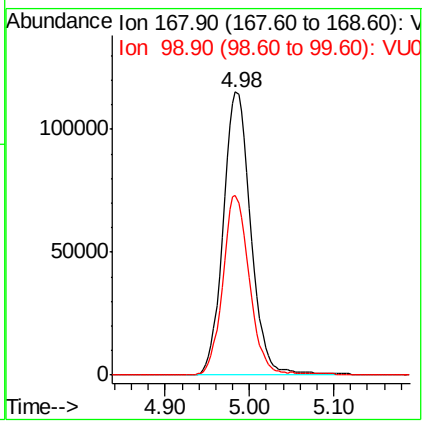


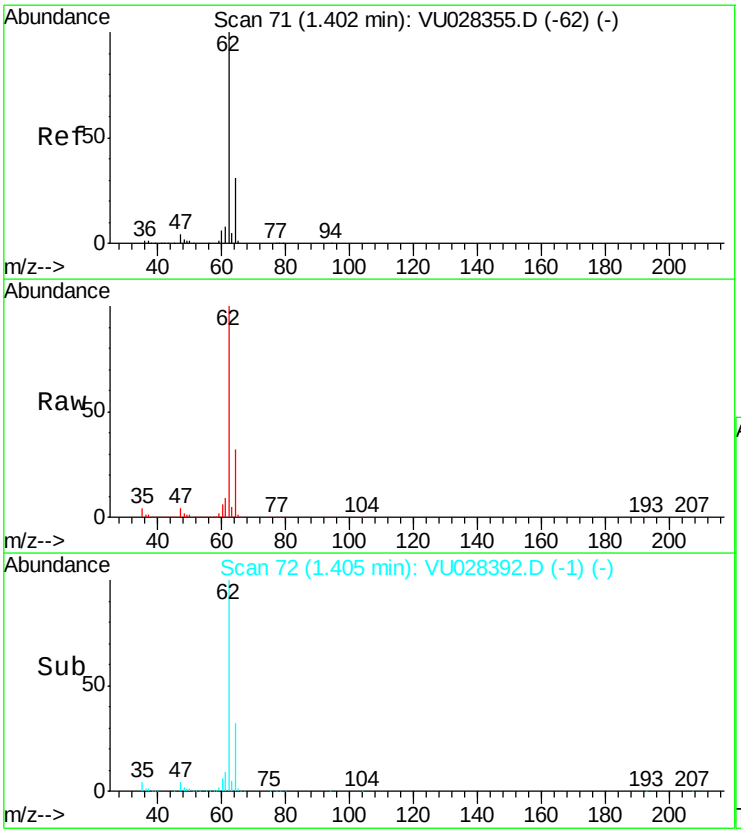
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.00 min
Lab File: VU028392.D
Acq: 29 Nov 2018 14:37

Instrument :
MSVOA_U
ClientSampleId :
S32-0639

Tgt Ion:168 Resp: 261716

Ion	Ratio	Lower	Upper
168	100		
99	63.7	49.6	74.4

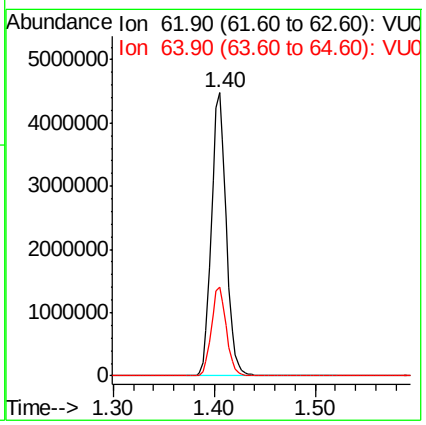


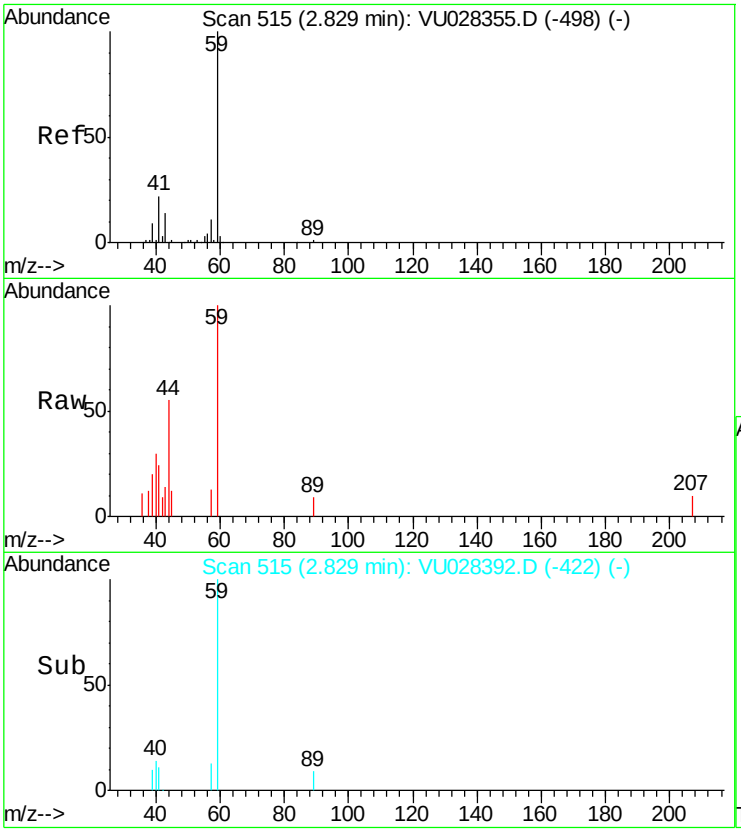


#4
Vinyl Chloride
Concen: 956.730 ug/l
RT: 1.40 min Scan# 72
Delta R.T. 0.00 min
Lab File: VU028392.D
Acq: 29 Nov 2018 14:37

Tgt Ion: 62 Resp: 4555312

Ion	Ratio	Lower	Upper
62	100		
64	31.5	25.0	37.4



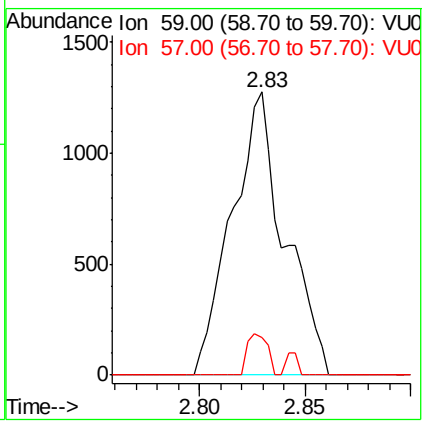


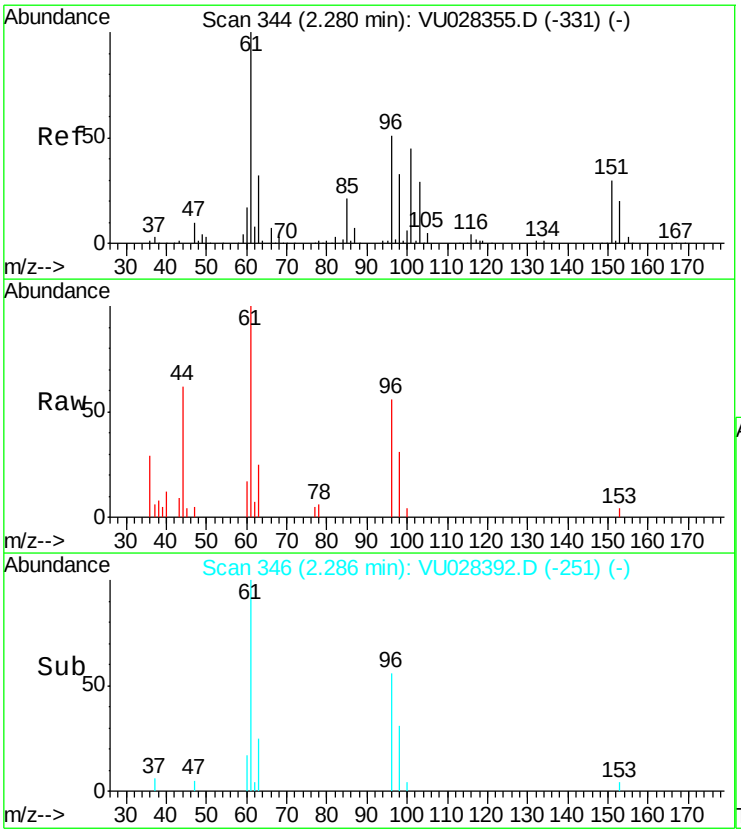
#11
Tert butyl alcohol
Concen: 2.233 ug/l
RT: 2.83 min Scan# 515
Delta R.T. -0.00 min
Lab File: VU028392.D
Acq: 29 Nov 2018 14:37

Instrument : MSVOA_U
ClientSampleId : S32-0639

Tgt Ion: 59 Resp: 2219

Ion	Ratio	Lower	Upper
59	100		
57	5.6	8.3	12.5#

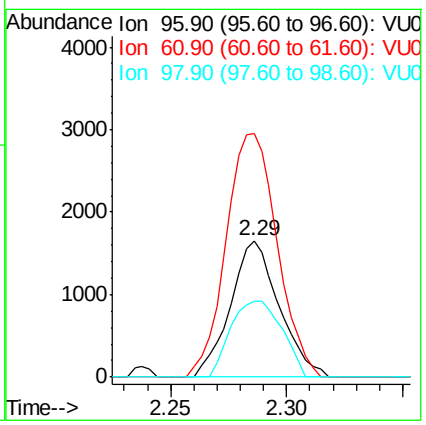


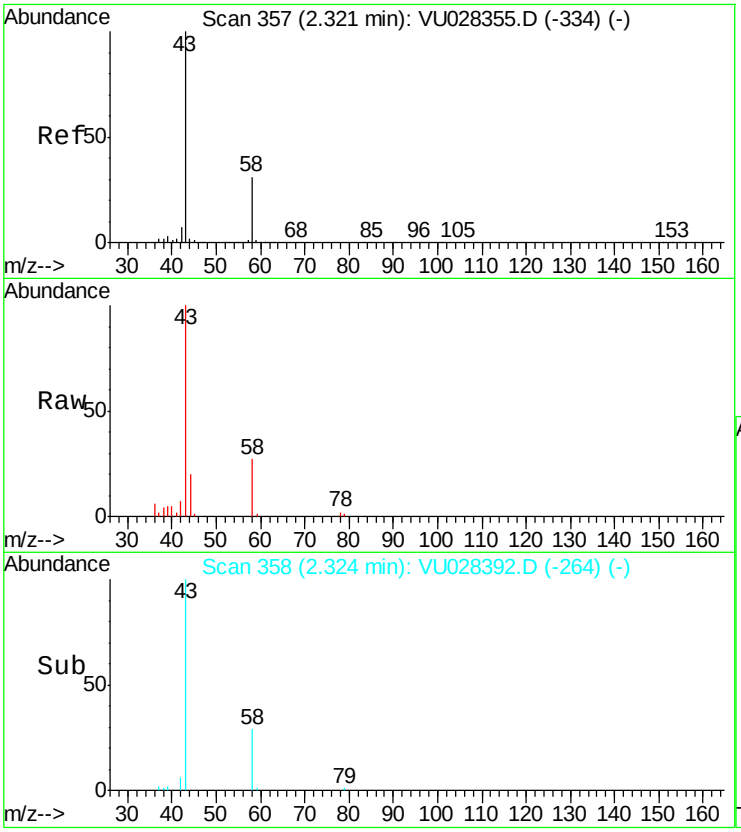


#12
1,1-Dichloroethene
Concen: 0.863 ug/l
RT: 2.29 min Scan# 346
Delta R.T. 0.01 min
Lab File: VU028392.D
Acq: 29 Nov 2018 14:37

Tgt Ion: 96 Resp: 2412

Ion	Ratio	Lower	Upper
96	100		
61	178.7	158.1	237.1
98	56.2	51.4	77.2



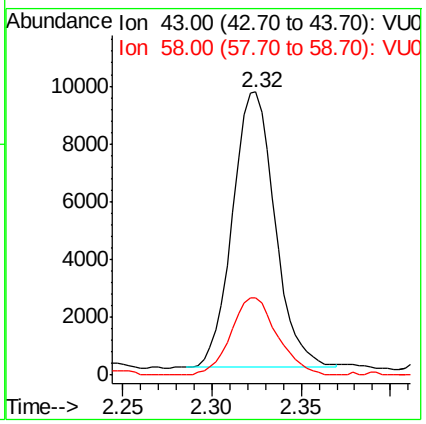


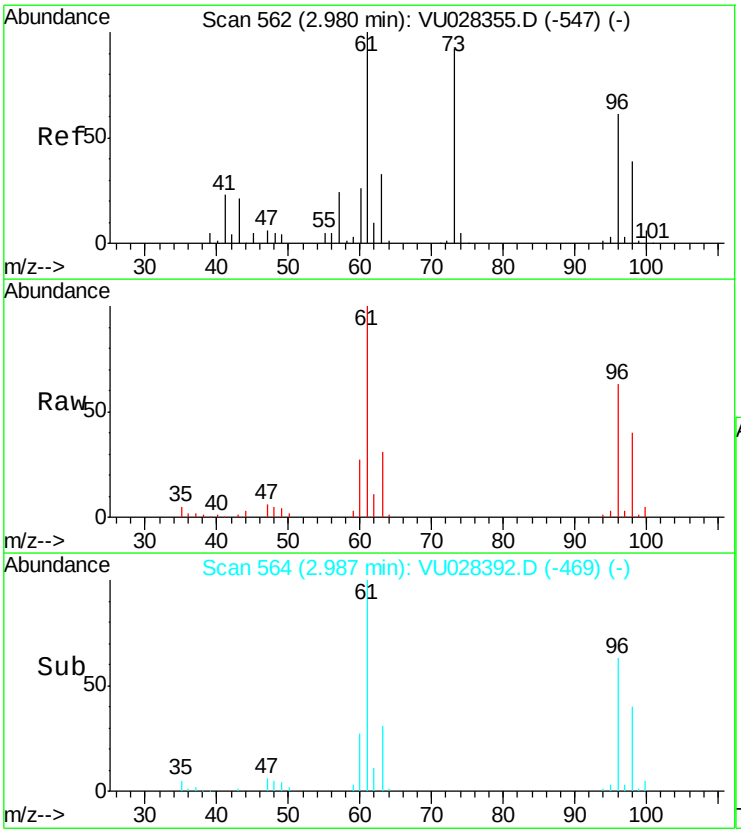
#16
Acetone
Concen: 5.906 ug/l
RT: 2.32 min Scan# 358
Delta R.T. 0.00 min
Lab File: VU028392.D
Acq: 29 Nov 2018 14:37

Instrument : MSVOA_U
ClientSampleId : S32-0639

Tgt Ion: 43 Resp: 15802

Ion	Ratio	Lower	Upper
43	100		
58	28.3	24.4	36.6

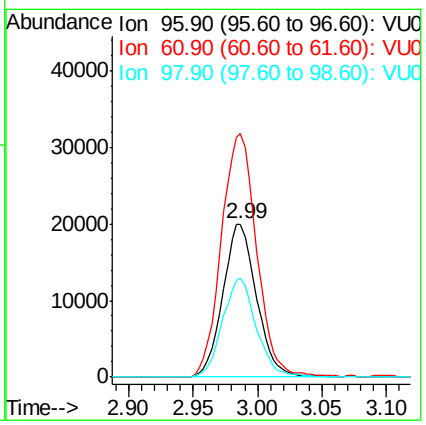


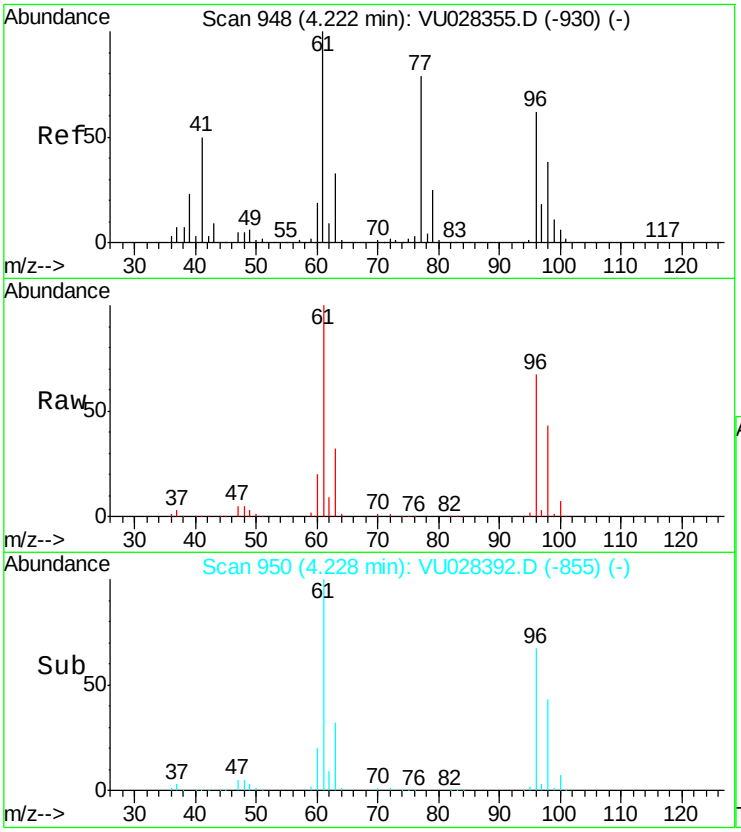


#21
trans-1,2-Dichloroethene
Concen: 11.159 ug/l
RT: 2.99 min Scan# 564
Delta R.T. 0.01 min
Lab File: VU028392.D
Acq: 29 Nov 2018 14:37

Tgt Ion: 96 Resp: 36185

Ion	Ratio	Lower	Upper
96	100		
61	159.3	131.1	196.7
98	64.4	51.7	77.5



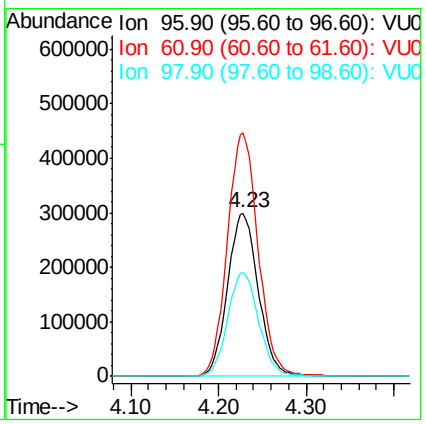


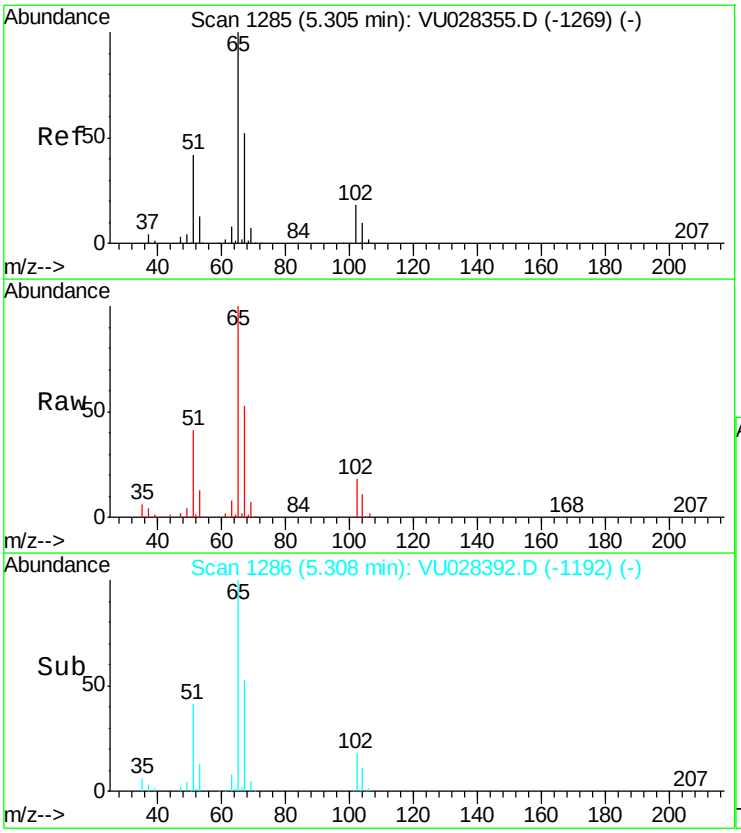
#27
cis-1,2-Dichloroethene
Concen: 190.202 ug/l
RT: 4.23 min Scan# 950
Delta R.T. 0.01 min
Lab File: VU028392.D
Acq: 29 Nov 2018 14:37

Instrument :
MSVOA_U
ClientSampleId :
S32-0639

Tgt Ion: 96 Resp: 729384

Ion	Ratio	Lower	Upper
96	100		
61	149.5	0.0	342.0
98	64.3	0.0	126.4

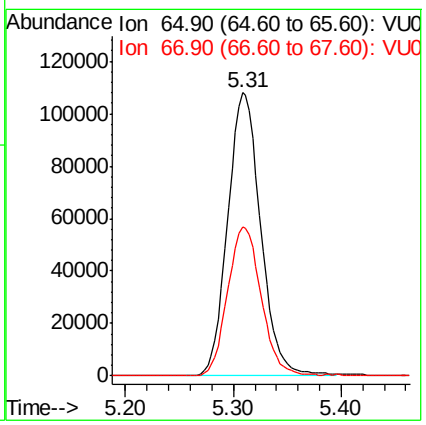


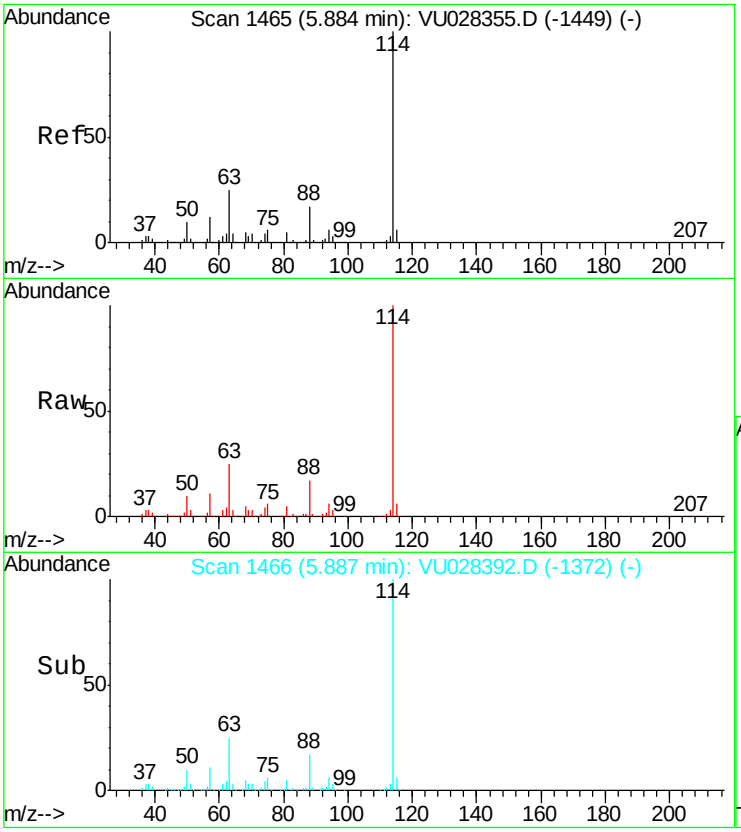


#33
1,2-Dichloroethane-d4
Concen: 52.628 ug/l
RT: 5.31 min Scan# 1286
Delta R.T. 0.00 min
Lab File: VU028392.D
Acq: 29 Nov 2018 14:37

Tgt Ion: 65 Resp: 230189

Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	106.8



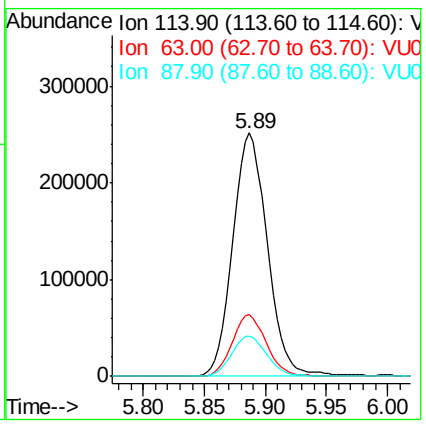


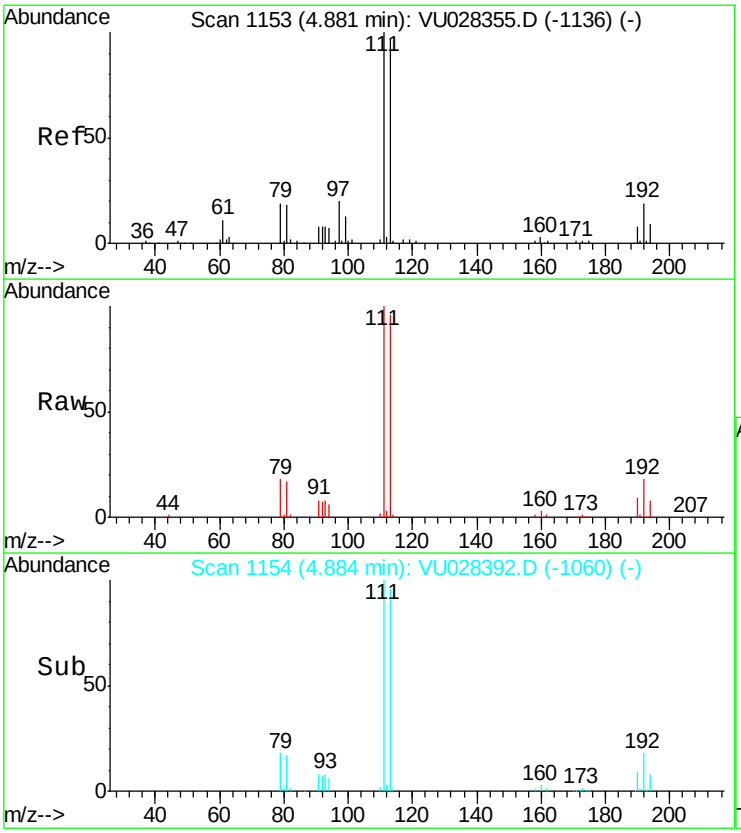
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.89 min Scan# 1466
Delta R.T. 0.00 min
Lab File: VU028392.D
Acq: 29 Nov 2018 14:37

Instrument :
MSVOA_U
ClientSampleId :
S32-0639

Tgt Ion:114 Resp: 493796

Ion	Ratio	Lower	Upper
114	100		
63	25.2	0.0	50.0
88	16.7	0.0	34.4

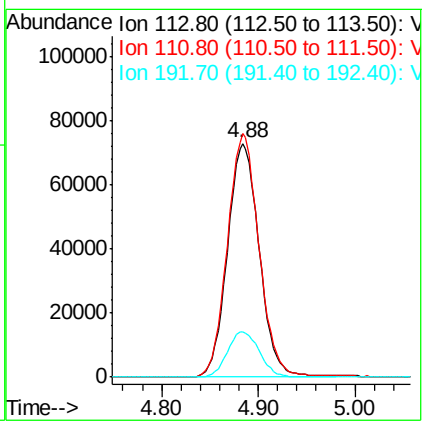


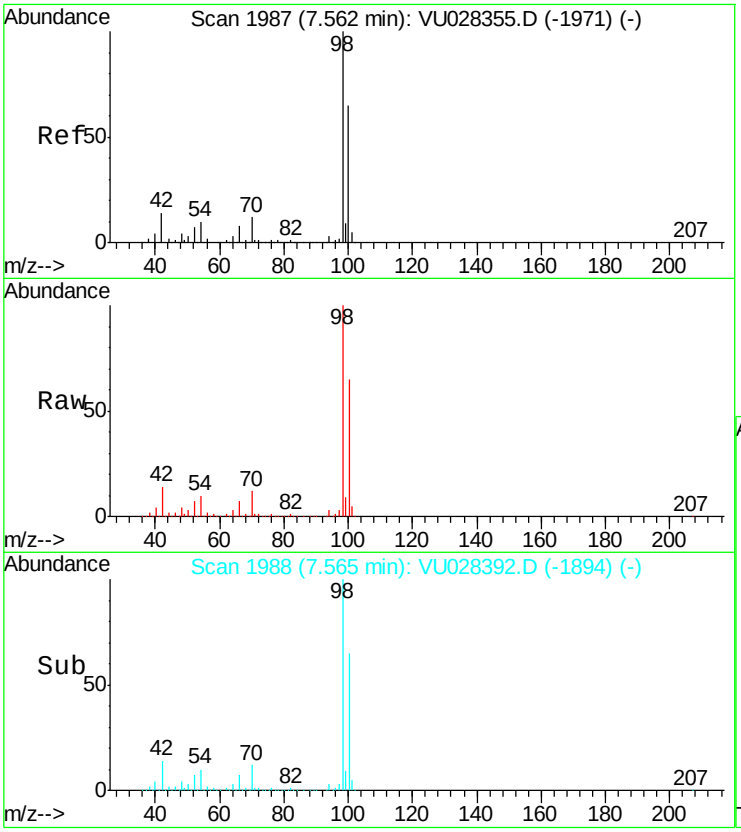


#35
Dibromofluoromethane
Concen: 50.674 ug/l
RT: 4.88 min Scan# 1154
Delta R.T. 0.00 min
Lab File: VU028392.D
Acq: 29 Nov 2018 14:37

Tgt Ion:113 Resp: 166389

Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.9	124.3
192	19.4	15.4	23.0



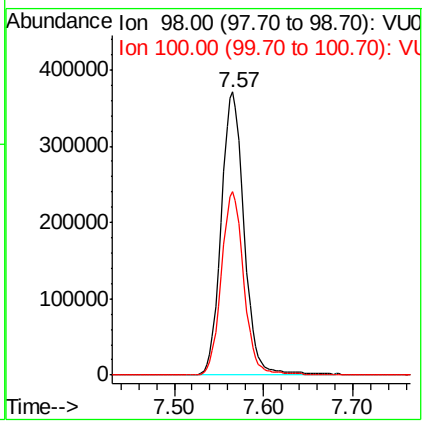


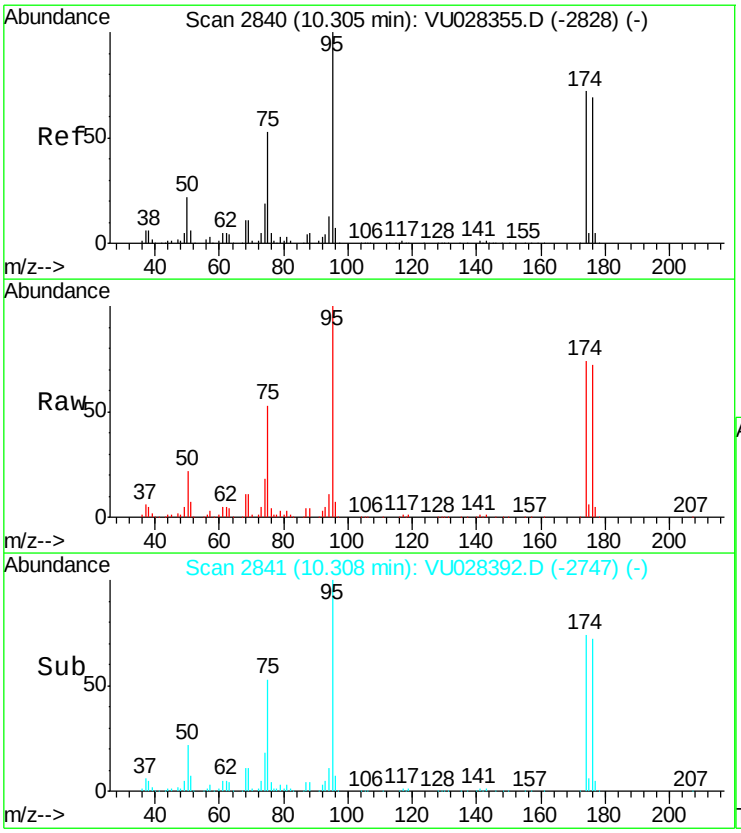
#50
Toluene-d8
Concen: 50.293 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VU028392.D
Acq: 29 Nov 2018 14:37

Instrument : MSVOA_U
ClientSampleId : S32-0639

Tgt Ion: 98 Resp: 660439

Ion	Ratio	Lower	Upper
98	100		
100	63.7	50.8	76.2

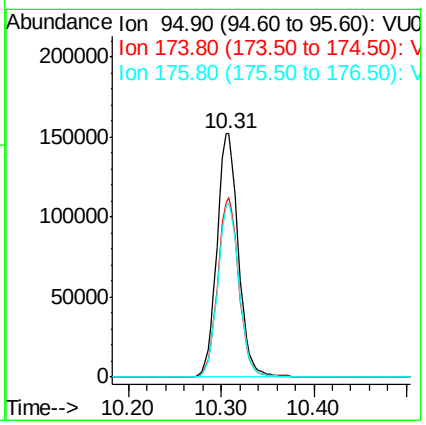


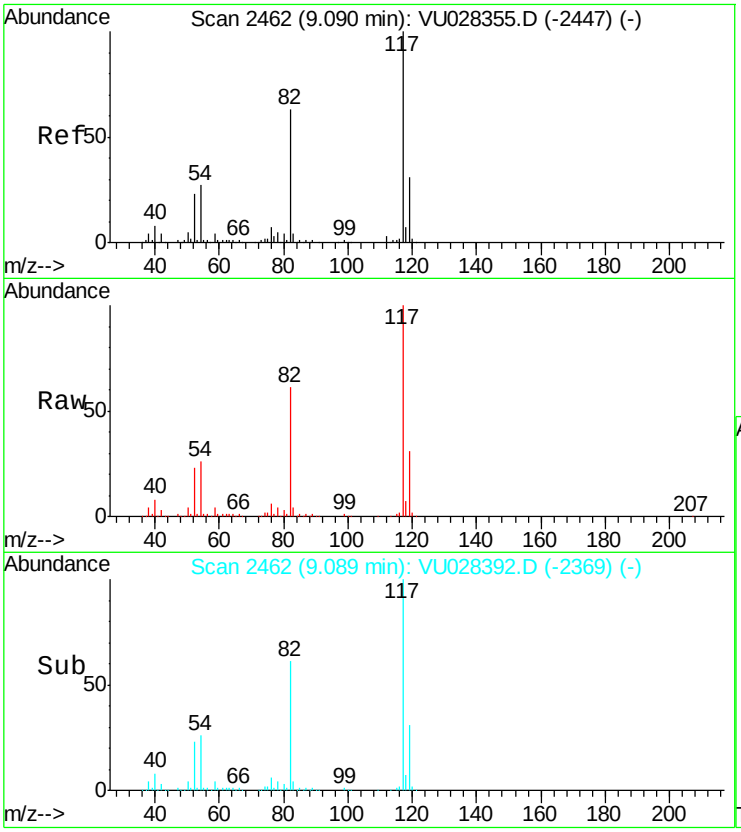


#62
4-Bromofluorobenzene
Concen: 51.513 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU028392.D
Acq: 29 Nov 2018 14:37

Tgt Ion: 95 Resp: 243817

Ion	Ratio	Lower	Upper
95	100		
174	72.9	0.0	145.4
176	70.9	0.0	140.8



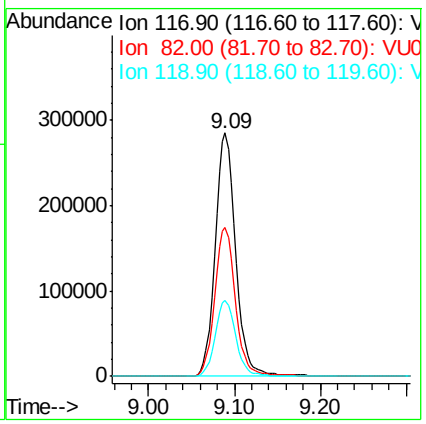


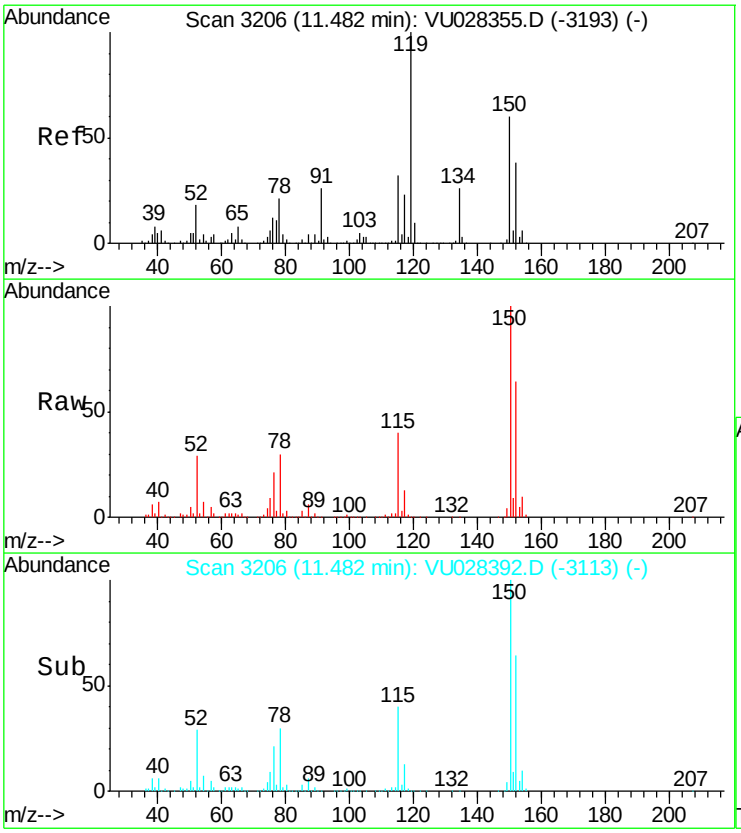
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028392.D
Acq: 29 Nov 2018 14:37

Instrument : MSVOA_U
ClientSampleId : S32-0639

Tgt Ion:117 Resp: 472504

Ion	Ratio	Lower	Upper
117	100		
82	61.3	50.3	75.5
119	31.1	24.8	37.2





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU028392.D
Acq: 29 Nov 2018 14:37

Tgt Ion:152 Resp: 223494

Ion	Ratio	Lower	Upper
152	100		
115	62.6	45.0	134.8
150	156.4	0.0	349.2