Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082819\
Data File : VU034011.D
Acq On : 28 Aug 2019 07:50
Operator : JC/SP
Sample : K4093-10
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : PL-02-082619

Quant Time: Aug 28 09:18:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082819W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 28 02:42:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	434903	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	717283	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	697632	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.47	152	309415	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	305002	63.13	ug/l	0.00
Spiked Amount 50.000			Recovery = 126.26%			
35) Dibromofluoromethane	4.86	113	239460	49.66	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.32%			
50) Toluene-d8	7.55	98	944775	53.12	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.24%			
62) 4-Bromofluorobenzene	10.29	95	313137	45.90	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.80%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	3244	1.584	ug/l	92
16) Acetone	2.31	43	11587	5.010	ug/l	97
18) Methyl Acetate	2.61	43	9928	1.743	ug/l	95
20) Methylene Chloride	2.69	84	11690	2.382	ug/l	97
43) Isopropyl Acetate	5.53	43	98602	9.759	ug/l	94
95) Naphthalene	13.73	128	755595	39.995	ug/l	99

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

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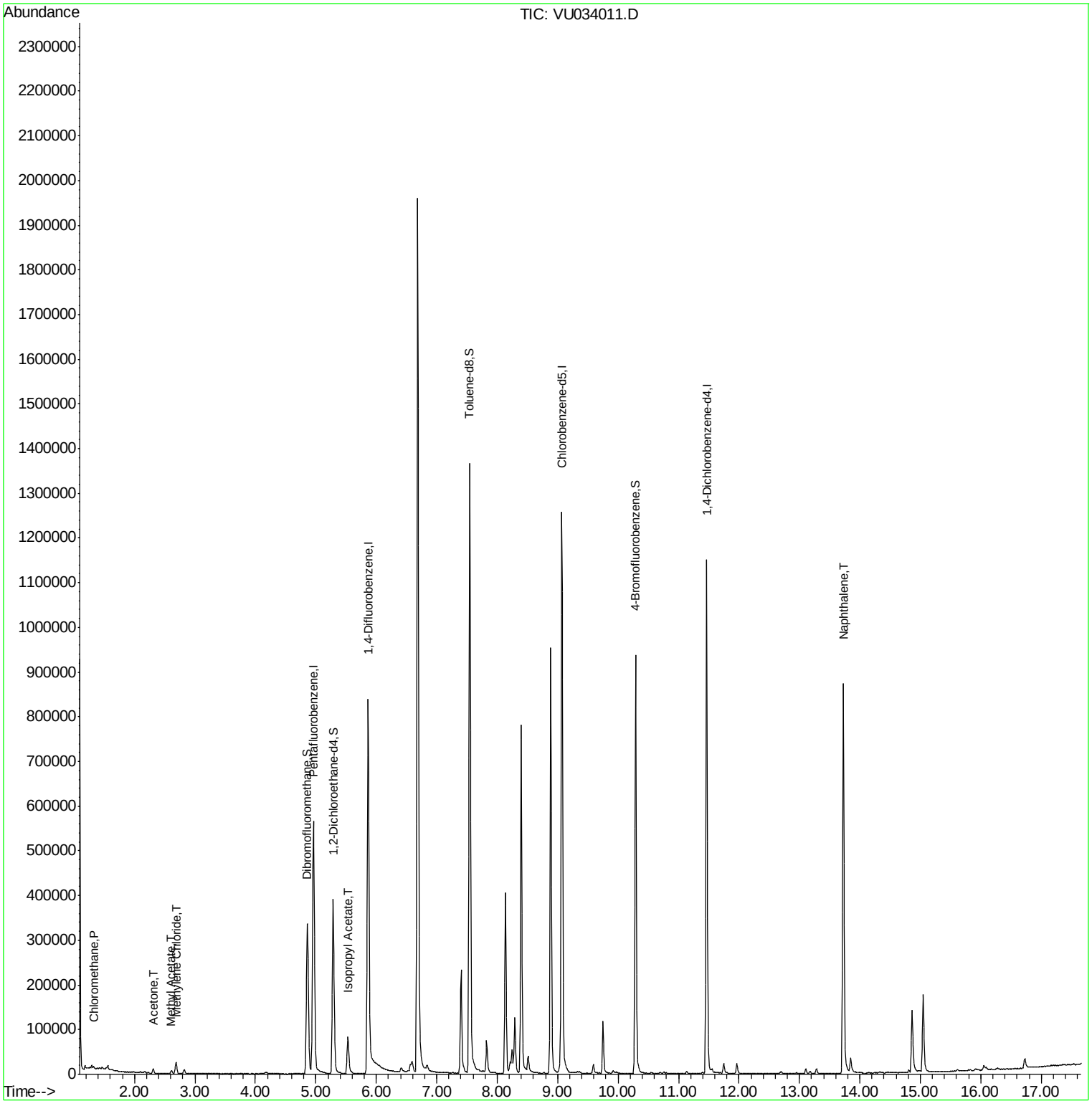
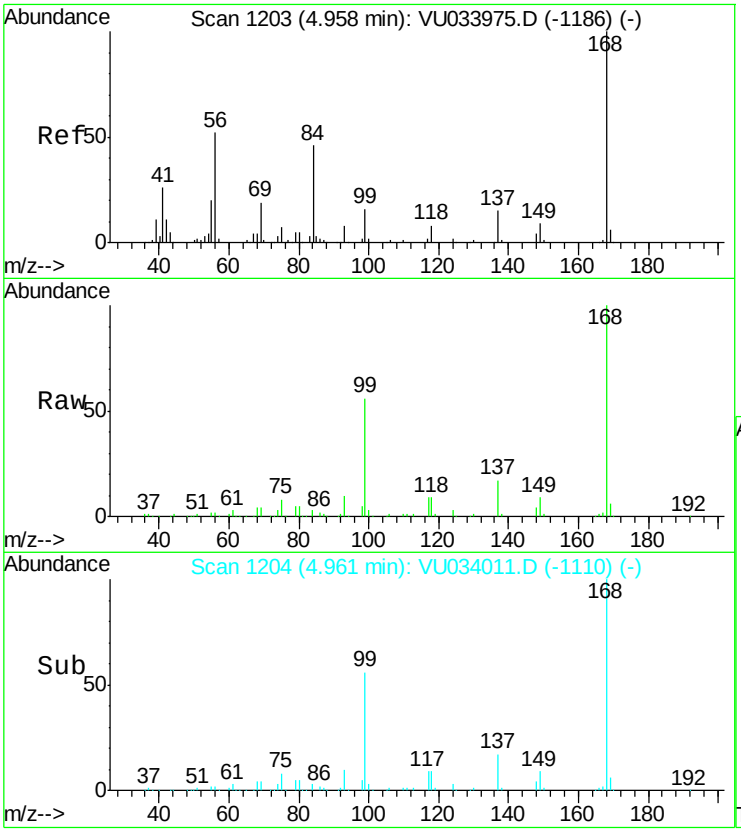


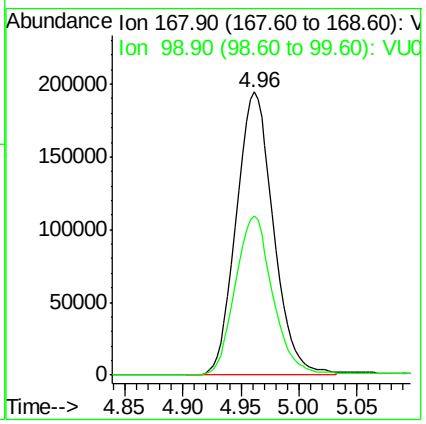


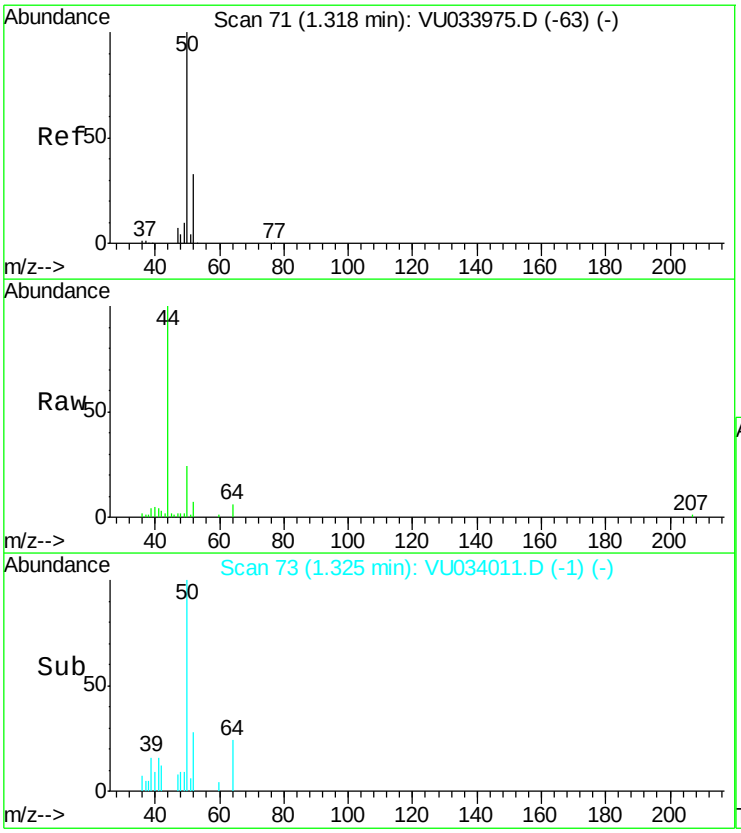
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.96 min Scan# 1204
Delta R.T. 0.00 min
Lab File: VU034011.D
Acq: 28 Aug 2019 07:50

Instrument :
MSVOA_U
ClientSampleId :
PL-02-082619

Tgt Ion:168 Resp: 434903

Ion	Ratio	Lower	Upper
168	100		
99	56.3	39.4	59.2

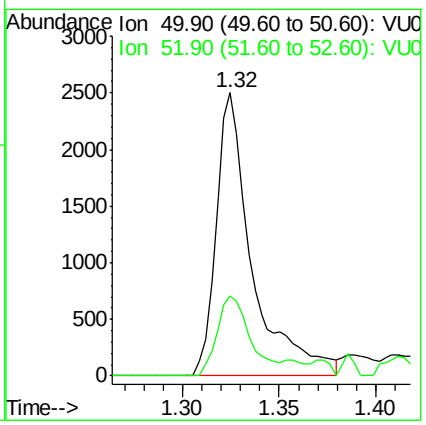


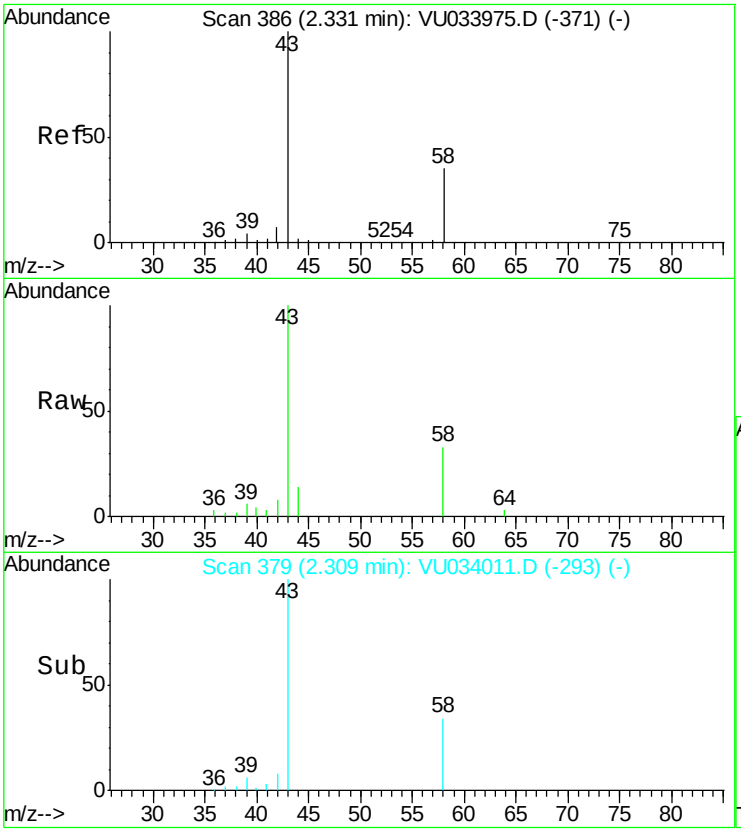


#3
Chloromethane
Concen: 1.584 ug/l
RT: 1.32 min Scan# 73
Delta R.T. 0.01 min
Lab File: VU034011.D
Acq: 28 Aug 2019 07:50

Tgt Ion: 50 Resp: 3244

Ion	Ratio	Lower	Upper
50	100		
52	28.1	26.2	39.2



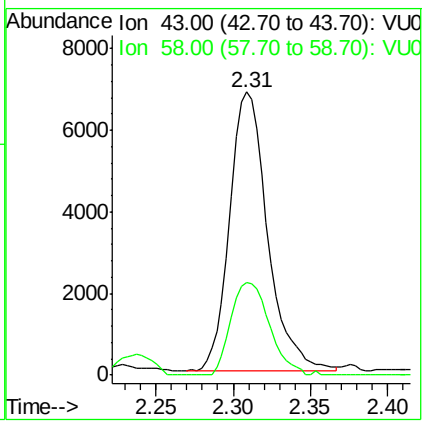


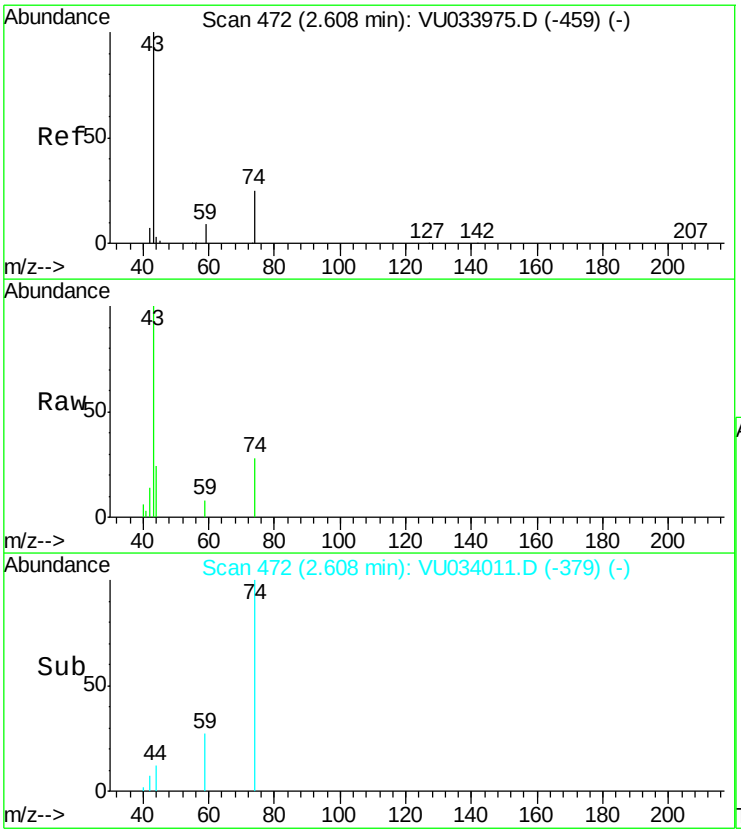
#16
Acetone
Concen: 5.010 ug/l
RT: 2.31 min Scan# 379
Delta R.T. -0.02 min
Lab File: VU034011.D
Acq: 28 Aug 2019 07:50

Instrument :
MSVOA_U
ClientSampleId :
PL-02-082619

Tgt Ion: 43 Resp: 11587

Ion	Ratio	Lower	Upper
43	100		
58	33.3	28.0	42.0

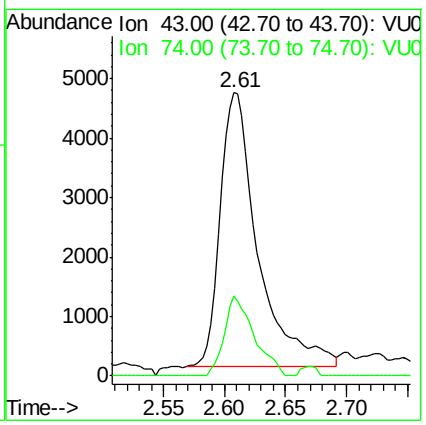


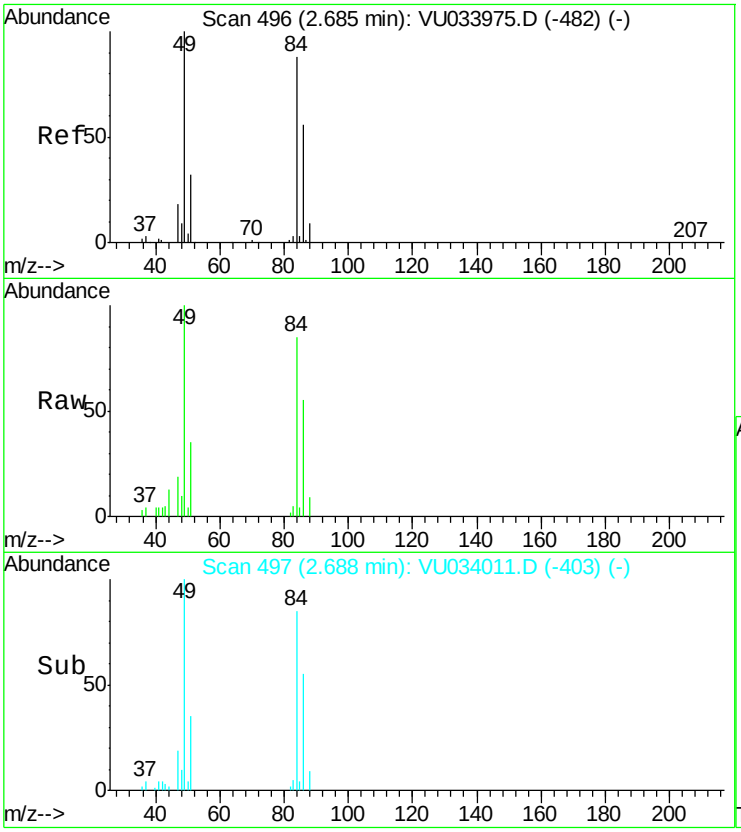


#18
Methyl Acetate
Concen: 1.743 ug/l
RT: 2.61 min Scan# 472
Delta R.T. 0.00 min
Lab File: VU034011.D
Acq: 28 Aug 2019 07:50

Tgt Ion: 43 Resp: 9928

Ion	Ratio	Lower	Upper
43	100		
74	23.1	20.5	30.7



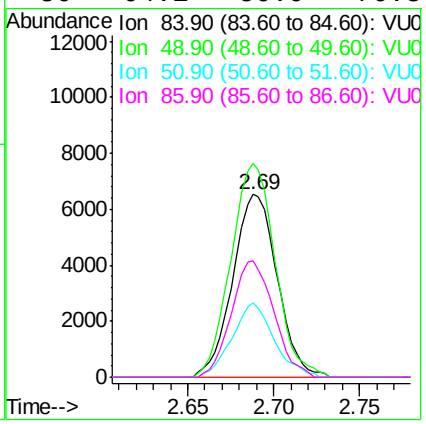


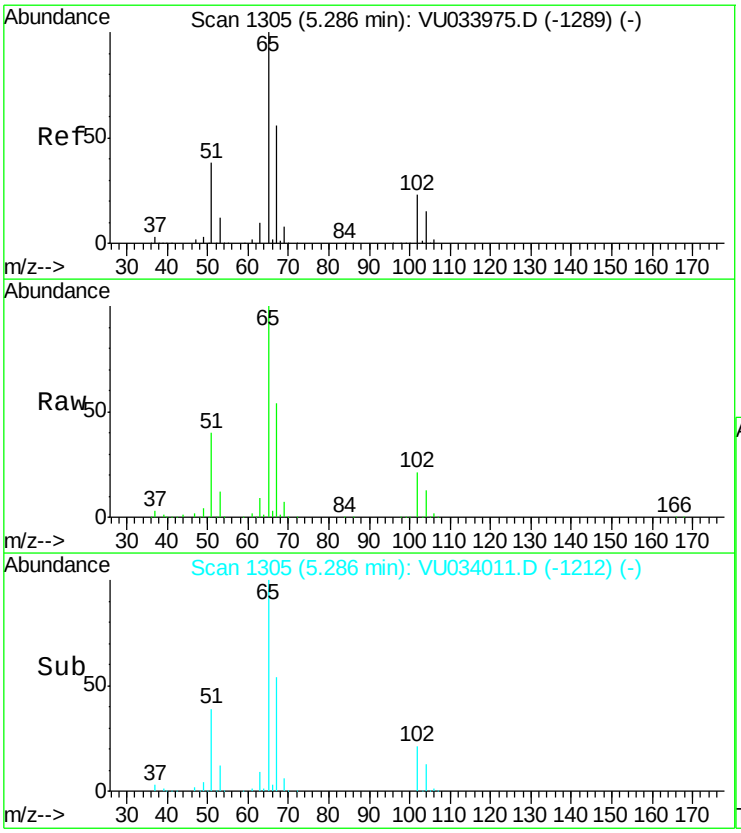
#20
Methylene Chloride
Concen: 2.382 ug/l
RT: 2.69 min Scan# 497
Delta R.T. 0.00 min
Lab File: VU034011.D
Acq: 28 Aug 2019 07:50

Instrument :
MSVOA_U
ClientSampleId :
PL-02-082619

Tgt Ion: 84 Resp: 11690

Ion	Ratio	Lower	Upper
84	100		
49	117.0	91.3	136.9
51	41.0	28.9	43.3
86	64.1	50.9	76.3

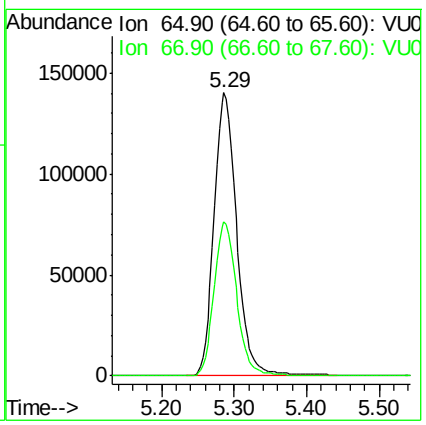


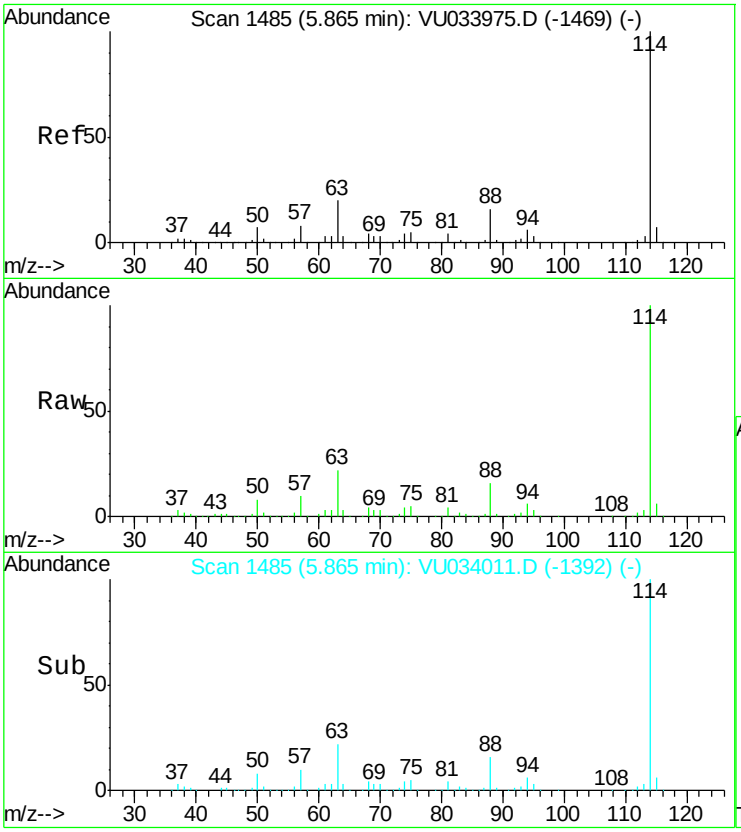


#33
1,2-Dichloroethane-d4
Concen: 63.127 ug/l
RT: 5.29 min Scan# 1305
Delta R.T. 0.00 min
Lab File: VU034011.D
Acq: 28 Aug 2019 07:50

Tgt Ion: 65 Resp: 305002

Ion	Ratio	Lower	Upper
65	100		
67	54.2	0.0	111.0



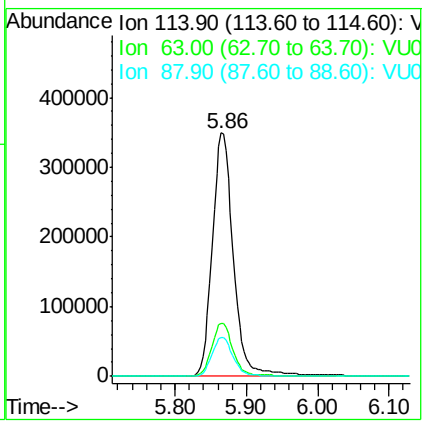


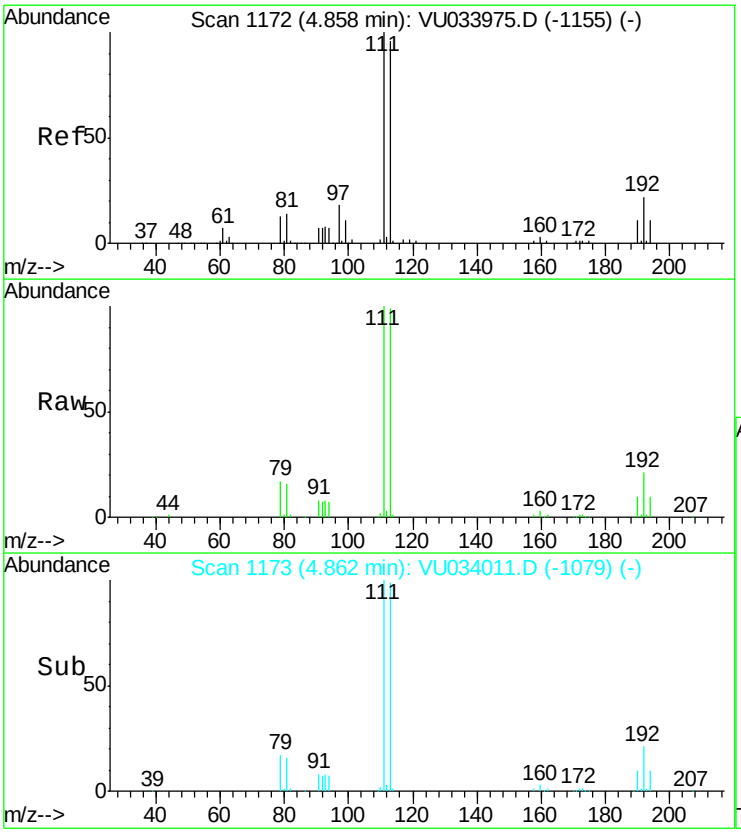
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.86 min Scan# 1485
Delta R.T. 0.00 min
Lab File: VU034011.D
Acq: 28 Aug 2019 07:50

Instrument :
MSVOA_U
ClientSampleId :
PL-02-082619

Tgt Ion:114 Resp: 717283

Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	39.0
88	16.2	0.0	31.2

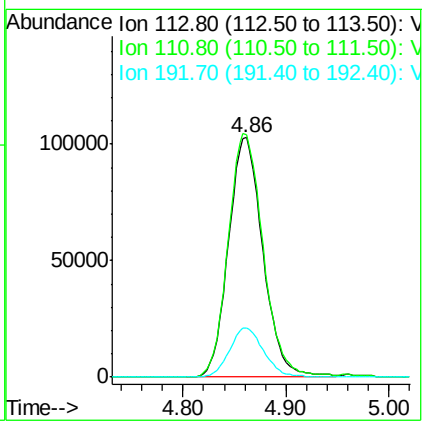


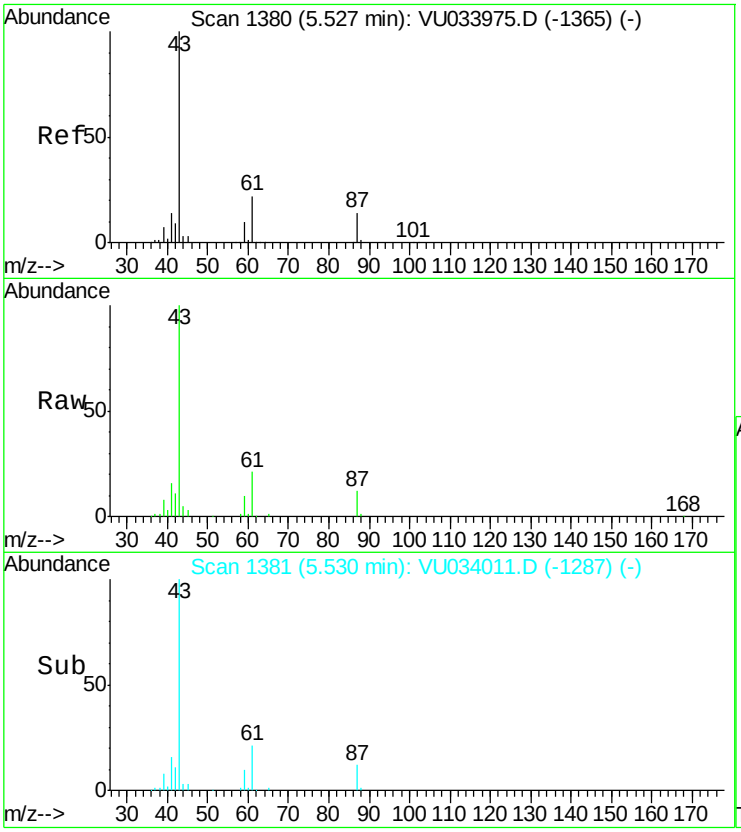


#35
Dibromofluoromethane
Concen: 49.665 ug/l
RT: 4.86 min Scan# 1173
Delta R.T. 0.00 min
Lab File: VU034011.D
Acq: 28 Aug 2019 07:50

Tgt Ion:113 Resp: 239460

Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.7	122.5
192	20.3	18.6	27.8



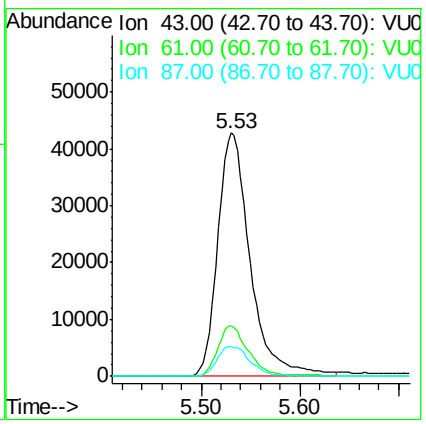


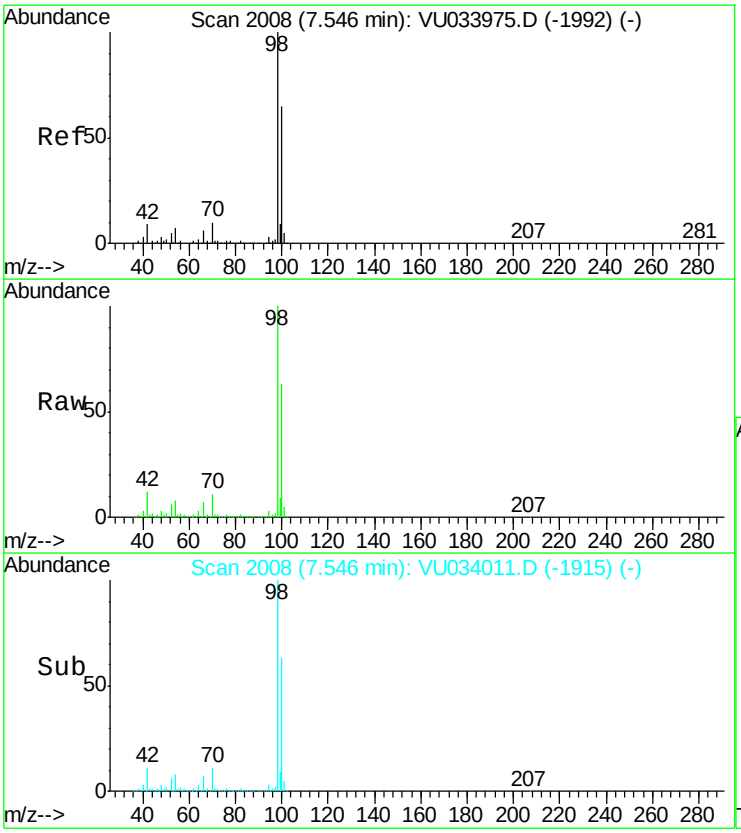
#43
Isopropyl Acetate
Concen: 9.759 ug/l
RT: 5.53 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VU034011.D
Acq: 28 Aug 2019 07:50

Instrument :
MSVOA_U
ClientSampleId :
PL-02-082619

Tgt Ion: 43 Resp: 98602

Ion	Ratio	Lower	Upper
43	100		
61	19.4	17.8	26.8
87	12.3	11.9	17.9

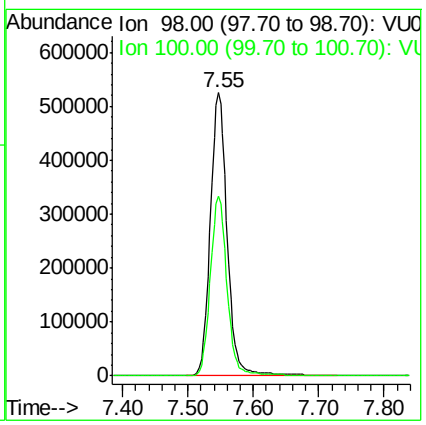


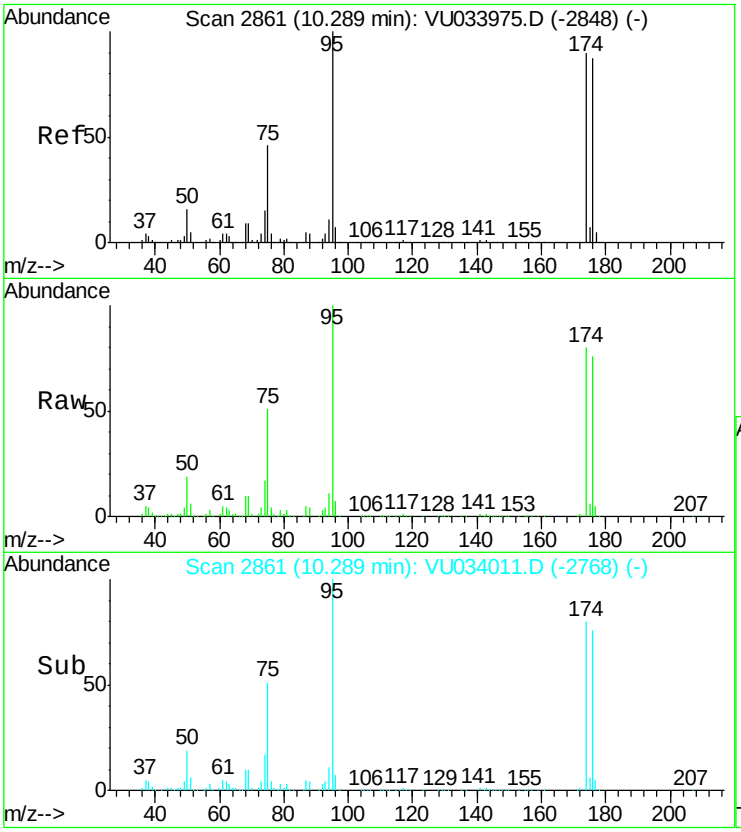


#50
Toluene-d8
Concen: 53.125 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VU034011.D
Acq: 28 Aug 2019 07:50

Tgt Ion: 98 Resp: 944775

Ion	Ratio	Lower	Upper
98	100		
100	63.3	51.5	77.3



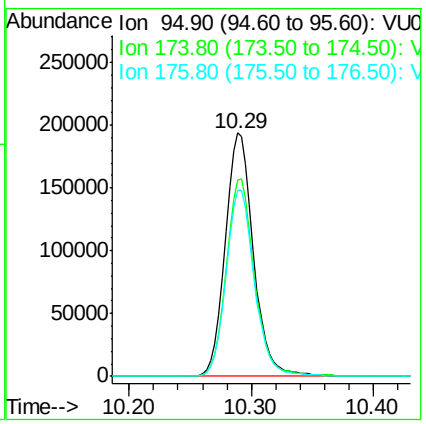


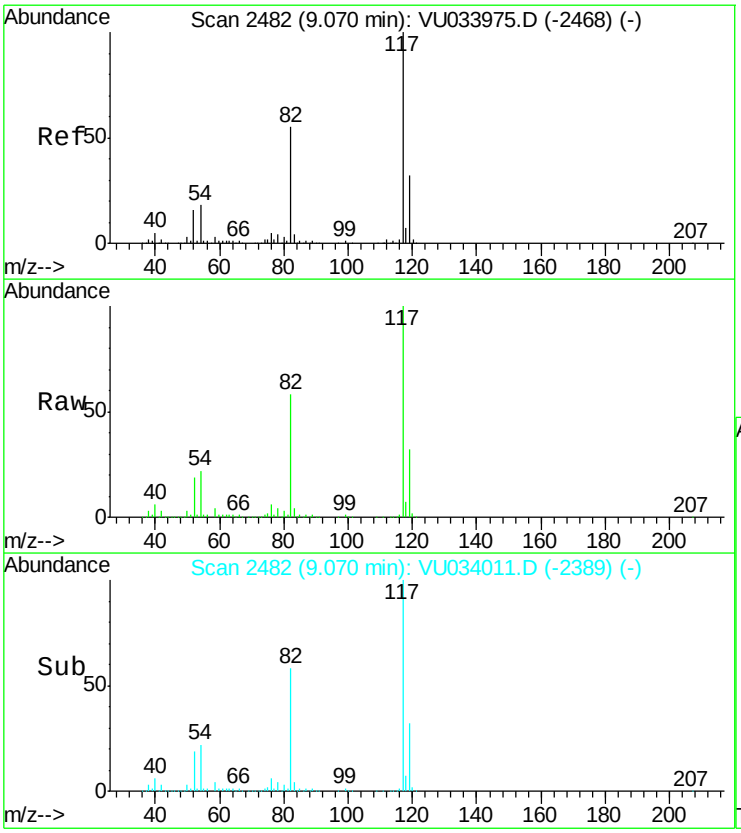
#62
4-Bromofluorobenzene
Concen: 45.902 ug/l
RT: 10.29 min Scan# 2861
Delta R.T. 0.00 min
Lab File: VU034011.D
Acq: 28 Aug 2019 07:50

Instrument :
MSVOA_U
ClientSampleId :
PL-02-082619

Tgt Ion: 95 Resp: 313137

Ion	Ratio	Lower	Upper
95	100		
174	81.7	0.0	183.8
176	77.4	0.0	176.4

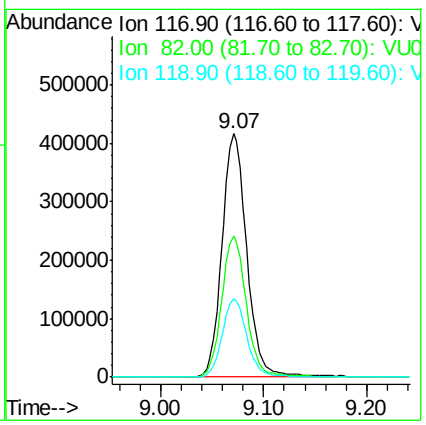


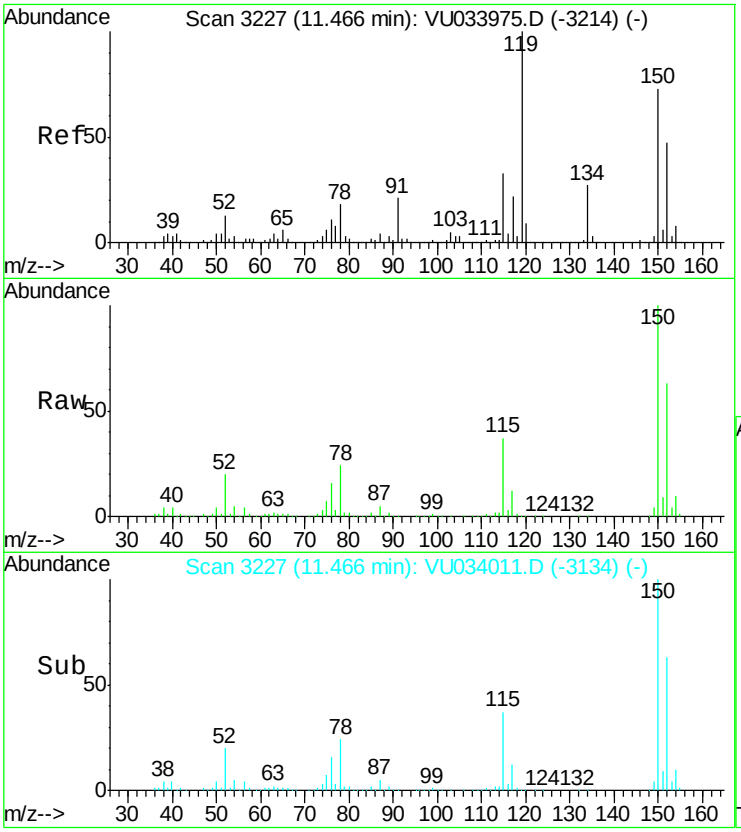


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU034011.D
Acq: 28 Aug 2019 07:50

Tgt Ion:117 Resp: 697632

Ion	Ratio	Lower	Upper
117	100		
82	57.8	43.8	65.8
119	32.0	25.7	38.5



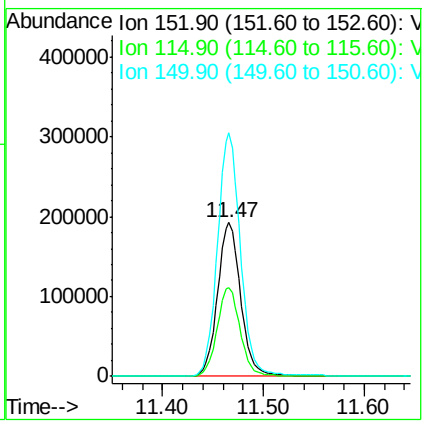


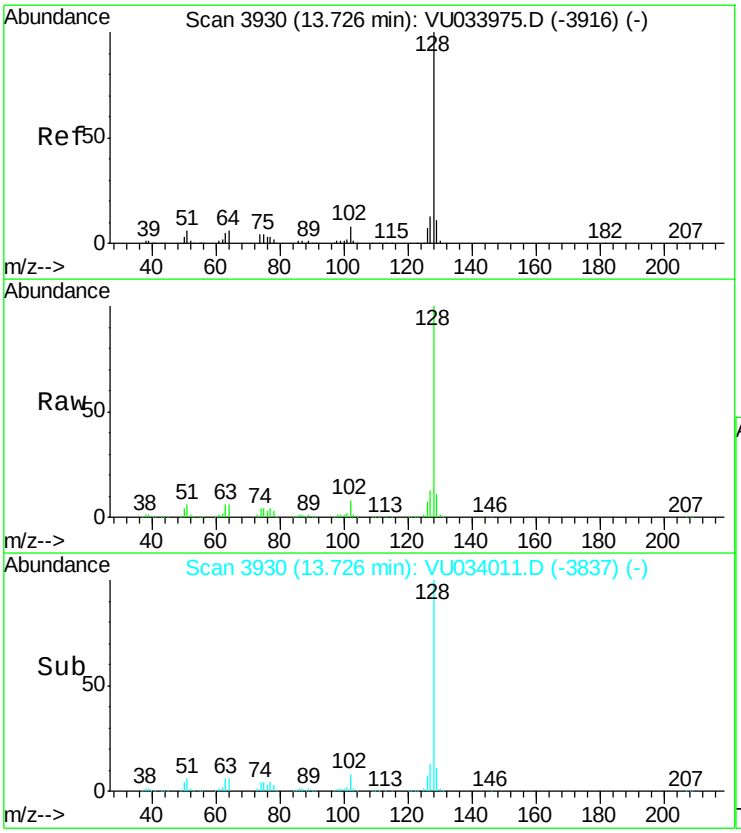
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.47 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VU034011.D
Acq: 28 Aug 2019 07:50

Instrument : MSVOA_U
ClientSampleId : PL-02-082619

Tgt Ion:152 Resp: 309415

Ion	Ratio	Lower	Upper
152	100		
115	57.8	38.6	115.7
150	157.4	0.0	343.8





#95
Naphthalene
Concen: 39.995 ug/l
RT: 13.73 min Scan# 3930
Delta R.T. 0.00 min
Lab File: VU034011.D
Acq: 28 Aug 2019 07:50

Tgt Ion:128 Resp: 755595

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.4
129	10.8	8.5	12.7