Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082819\
Data File : VU034003.D
Acq On : 28 Aug 2019 04:39
Operator : JC/SP
Sample : K4516-35
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : T2-S-B4-(0)

Quant Time: Aug 28 08:44:47 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	448181	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	723028	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	694273	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.47	152	295379	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	306538	61.57	ug/l	0.00
Spiked Amount 50.000			Recovery = 123.14%			
35) Dibromofluoromethane	4.86	113	239787	49.34	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.68%			
50) Toluene-d8	7.55	98	932335	52.01	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.02%			
62) 4-Bromofluorobenzene	10.29	95	306929	44.63	ug/l	0.00
Spiked Amount 50.000			Recovery = 89.26%			
Target Compounds						Qvalue
16) Acetone	2.31	43	12081	5.069	ug/l	99
18) Methyl Acetate	2.61	43	5954	1.014	ug/l #	87
20) Methylene Chloride	2.69	84	12616	2.495	ug/l	89
43) Isopropyl Acetate	5.53	43	74375	7.303	ug/l	96

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

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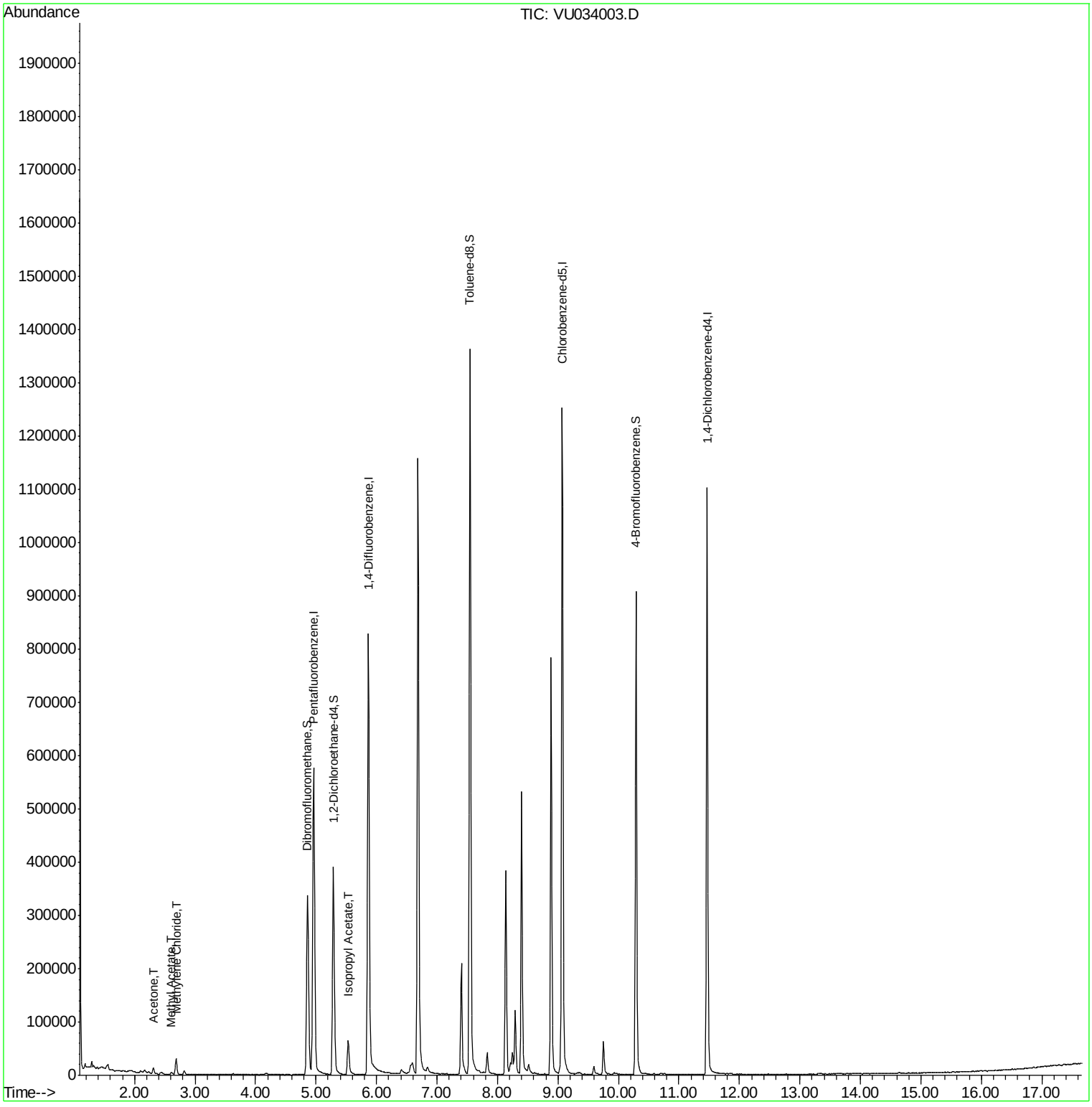
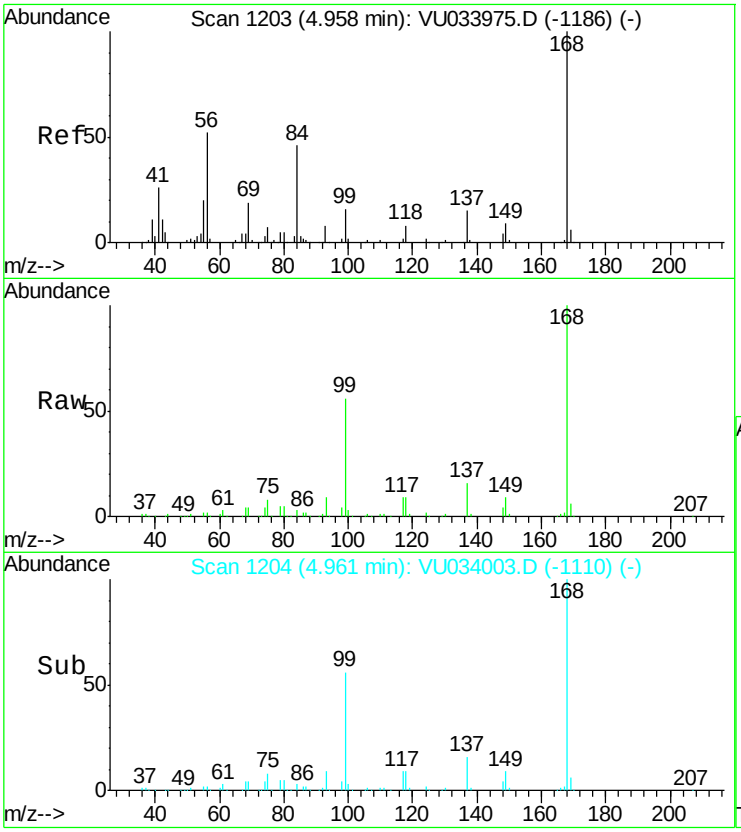
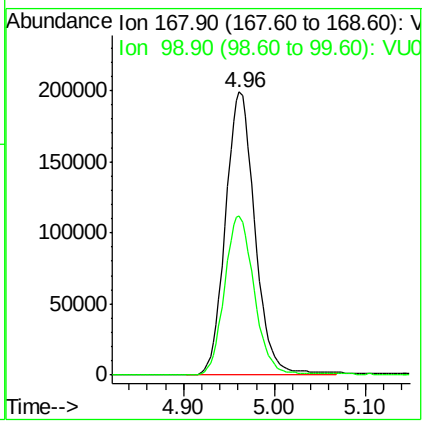




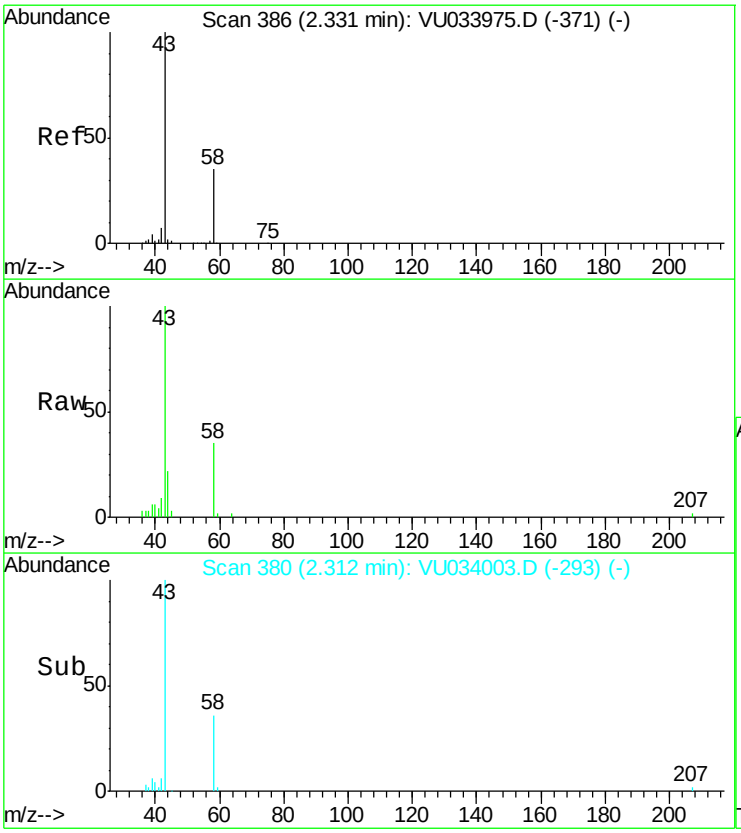
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.96 min Scan# 1204
Delta R.T. 0.00 min
Lab File: VU034003.D
Acq: 28 Aug 2019 04:39

Tgt Ion:168 Resp: 448181

Ion	Ratio	Lower	Upper
168	100		
99	56.2	39.4	59.2



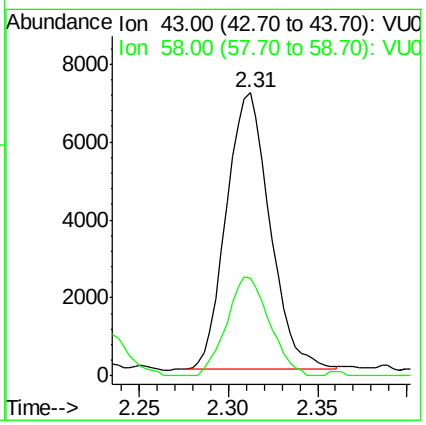
Instrument :
MSVOA_U
ClientSampleId :
T2-S-B4-(0)

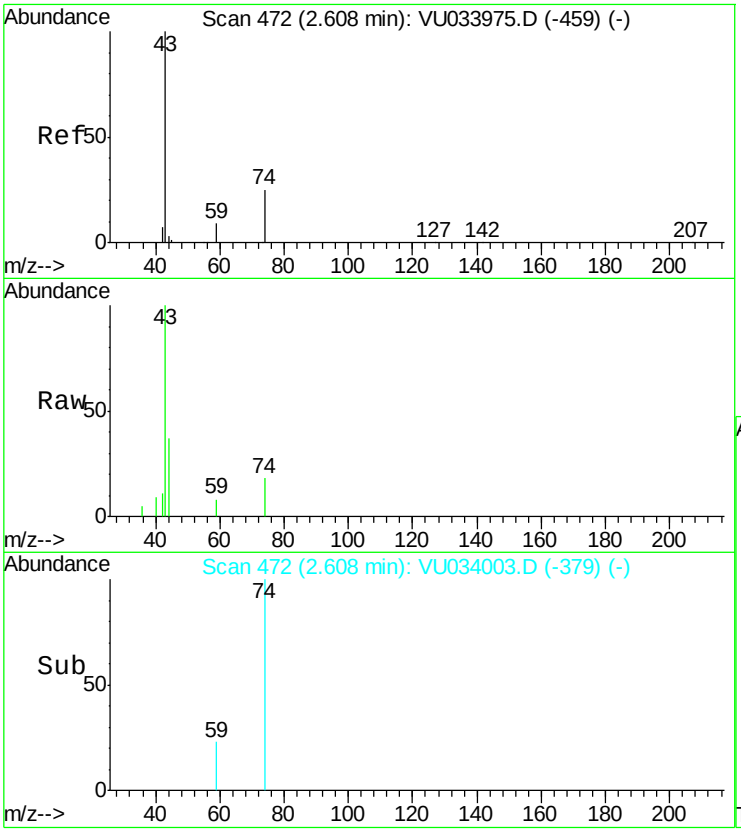


#16
Acetone
Concen: 5.069 ug/l
RT: 2.31 min Scan# 380
Delta R.T. -0.02 min
Lab File: VU034003.D
Acq: 28 Aug 2019 04:39

Tgt Ion: 43 Resp: 12081

Ion	Ratio	Lower	Upper
43	100		
58	35.5	28.0	42.0



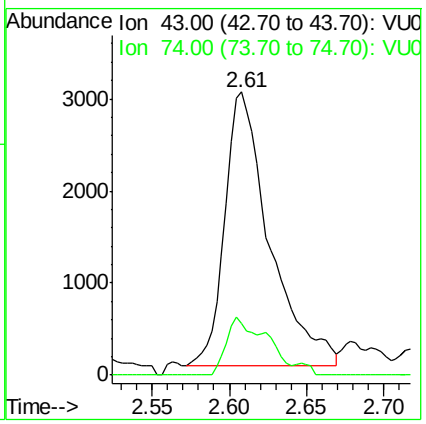


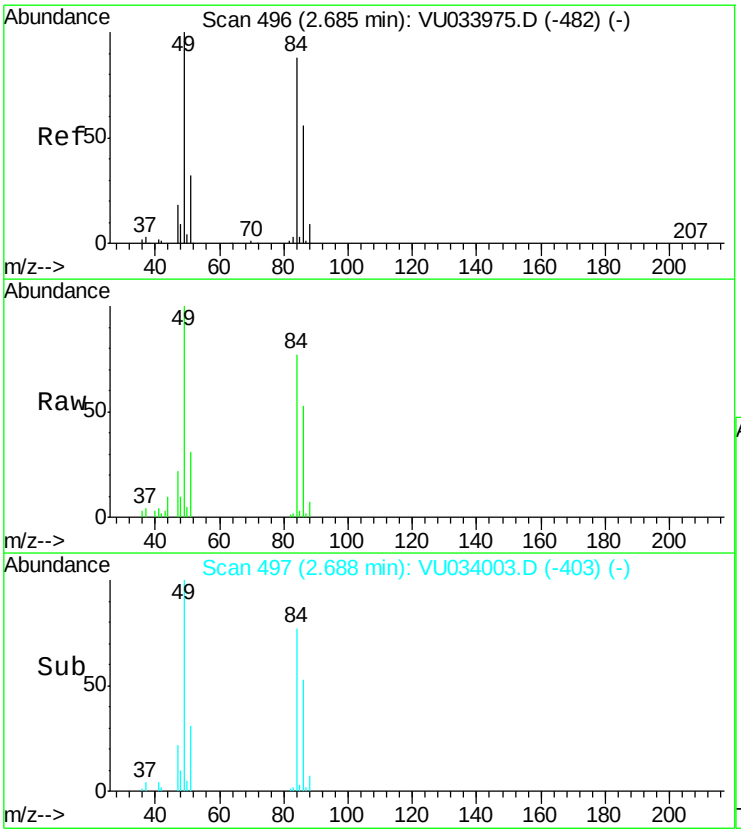
#18
Methyl Acetate
Concen: 1.014 ug/l
RT: 2.61 min Scan# 472
Delta R.T. 0.00 min
Lab File: VU034003.D
Acq: 28 Aug 2019 04:39

Instrument : MSVOA_U
ClientSampleId : T2-S-B4-(0)

Tgt Ion: 43 Resp: 5954

Ion	Ratio	Lower	Upper
43	100		
74	18.8	20.5	30.7#

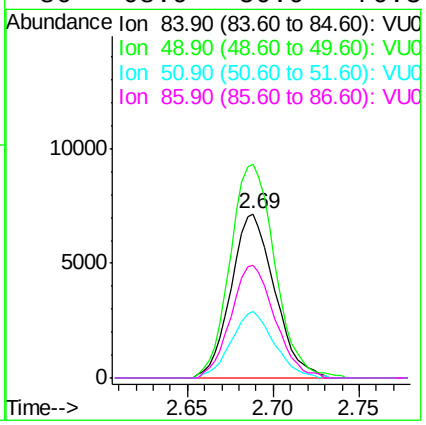


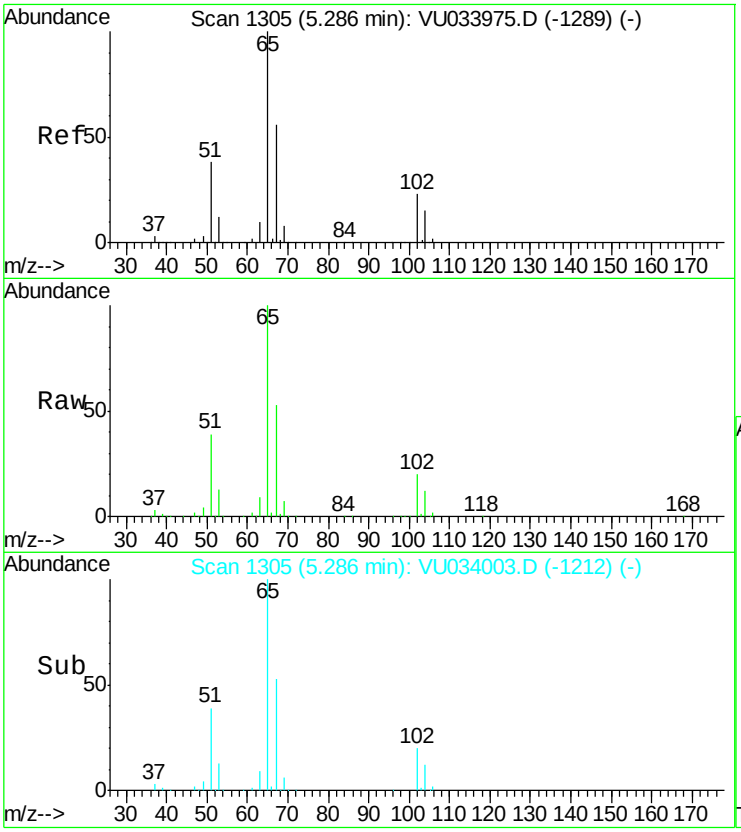


#20
Methylene Chloride
Concen: 2.495 ug/l
RT: 2.69 min Scan# 497
Delta R.T. 0.00 min
Lab File: VU034003.D
Acq: 28 Aug 2019 04:39

Tgt Ion: 84 Resp: 12616

Ion	Ratio	Lower	Upper
84	100		
49	130.1	91.3	136.9
51	40.2	28.9	43.3
86	68.9	50.9	76.3



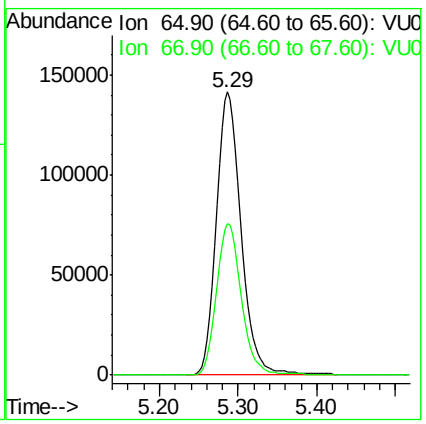


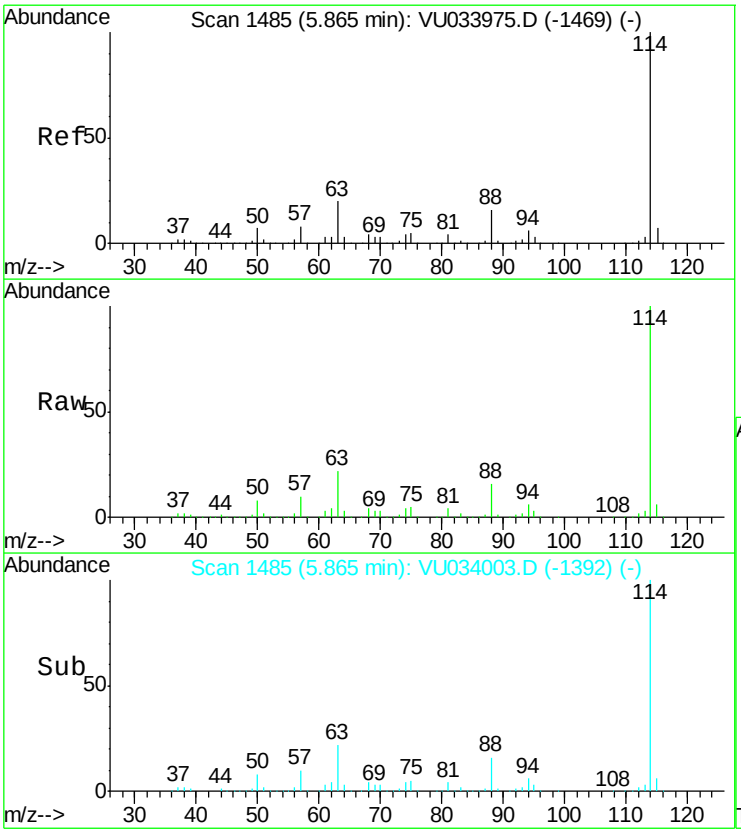
#33
1,2-Dichloroethane-d4
Concen: 61.565 ug/l
RT: 5.29 min Scan# 1305
Delta R.T. 0.00 min
Lab File: VU034003.D
Acq: 28 Aug 2019 04:39

Instrument :
MSVOA_U
ClientSampleId :
T2-S-B4-(0)

Tgt Ion: 65 Resp: 306538

Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	111.0

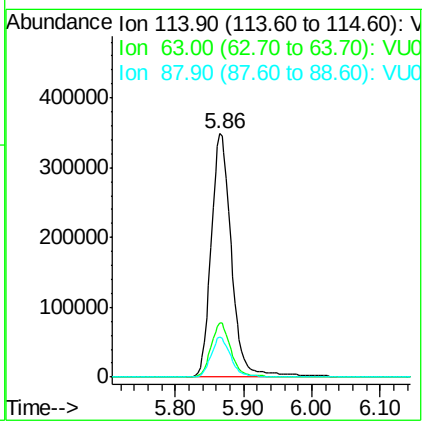


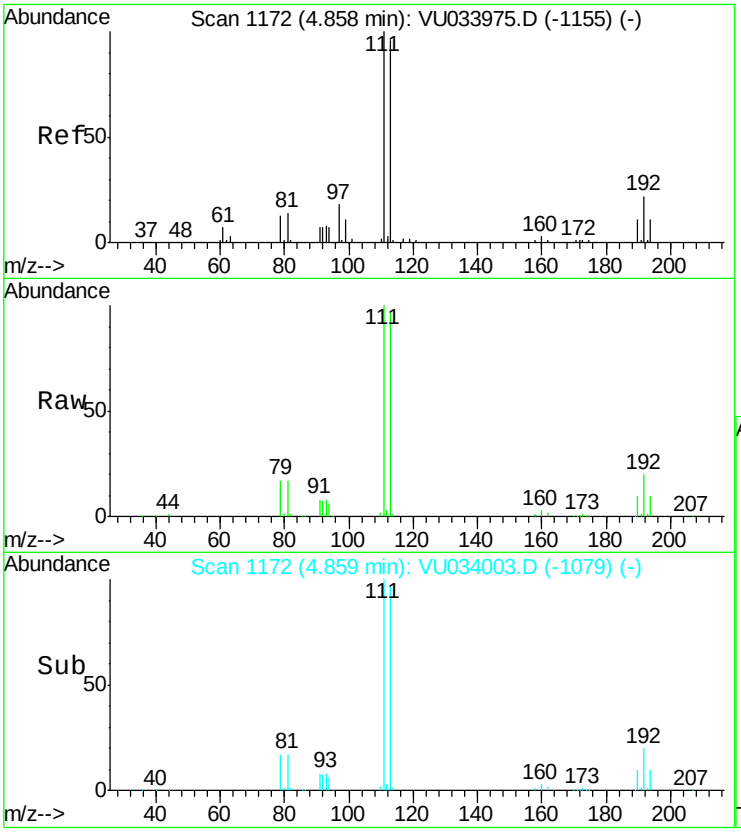


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.86 min Scan# 1485
Delta R.T. 0.00 min
Lab File: VU034003.D
Acq: 28 Aug 2019 04:39

Tgt Ion:114 Resp: 723028

Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	39.0
88	16.4	0.0	31.2



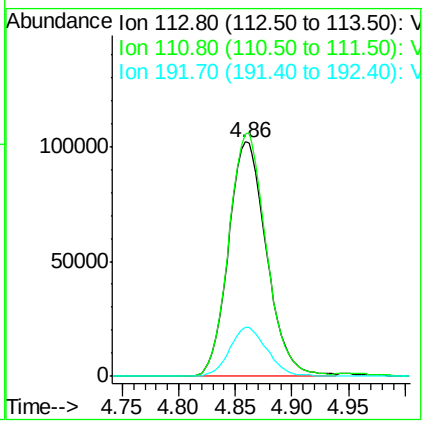


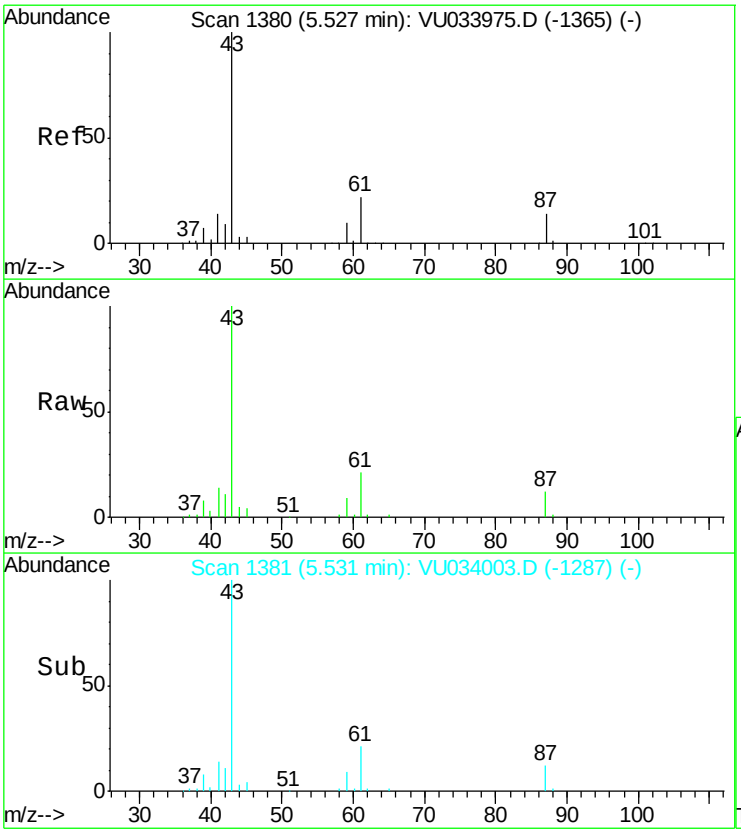
#35
Dibromofluoromethane
Concen: 49.337 ug/l
RT: 4.86 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU034003.D
Acq: 28 Aug 2019 04:39

Instrument : MSVOA_U
ClientSampleId : T2-S-B4-(0)

Tgt Ion:113 Resp: 239787

Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.7	122.5
192	20.5	18.6	27.8

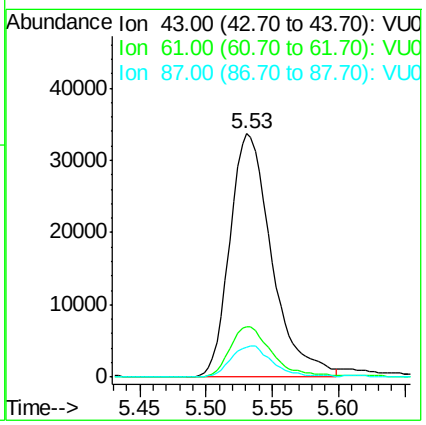


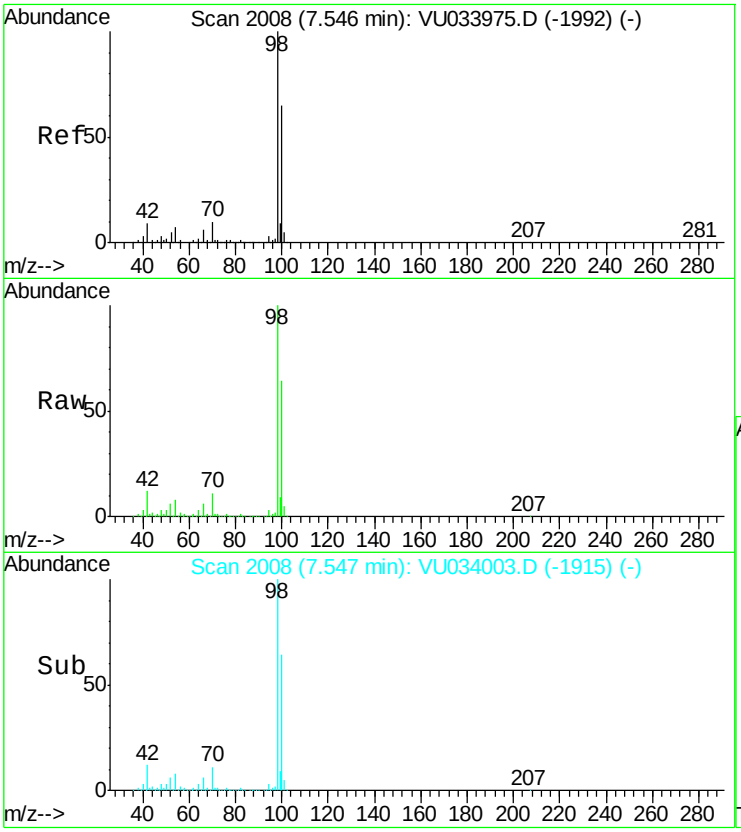


#43
Isopropyl Acetate
Concen: 7.303 ug/l
RT: 5.53 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VU034003.D
Acq: 28 Aug 2019 04:39

Tgt Ion: 43 Resp: 74375

Ion	Ratio	Lower	Upper
43	100		
61	20.9	17.8	26.8
87	12.5	11.9	17.9



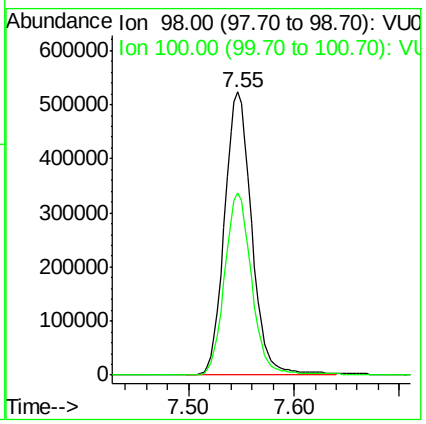


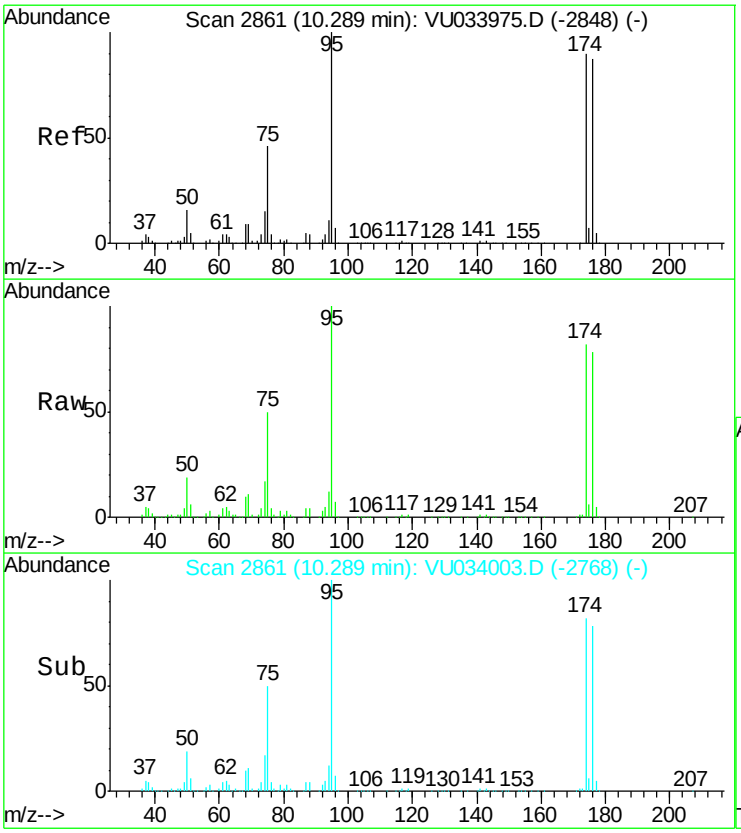
#50
Toluene-d8
Concen: 52.009 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VU034003.D
Acq: 28 Aug 2019 04:39

Instrument :
MSVOA_U
ClientSampleId :
T2-S-B4-(0)

Tgt Ion: 98 Resp: 932335

Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.5	77.3

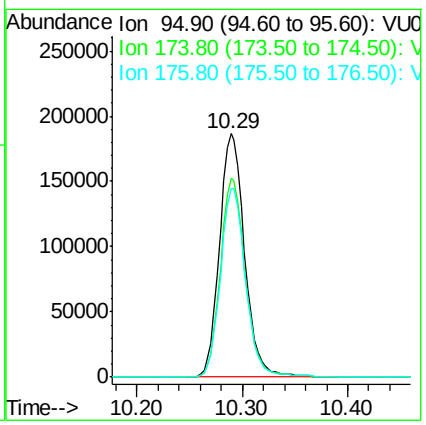


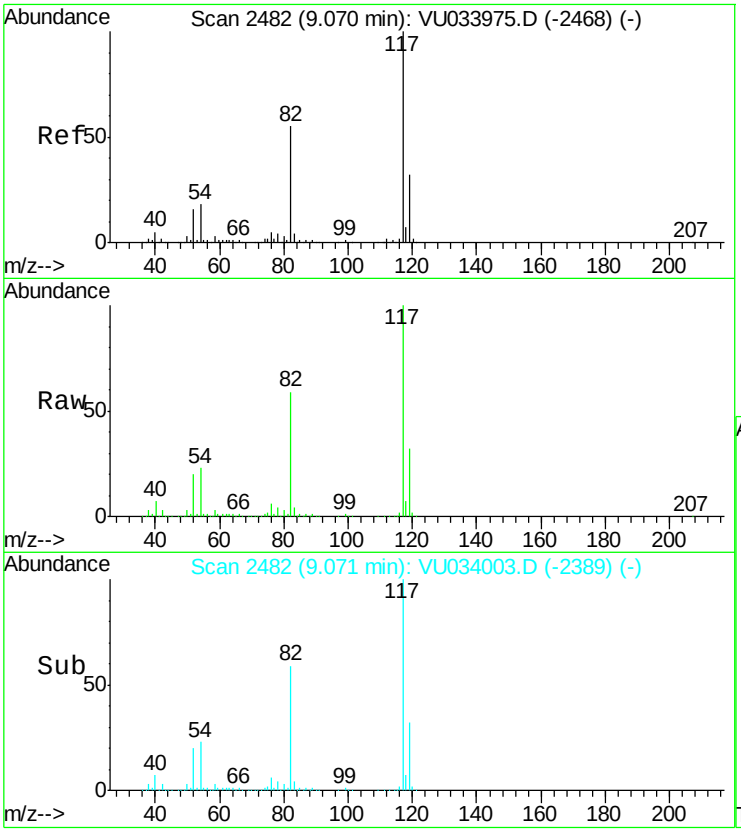


#62
4-Bromofluorobenzene
Concen: 44.634 ug/l
RT: 10.29 min Scan# 2861
Delta R.T. 0.00 min
Lab File: VU034003.D
Acq: 28 Aug 2019 04:39

Tgt Ion: 95 Resp: 306929

Ion	Ratio	Lower	Upper
95	100		
174	81.4	0.0	183.8
176	77.9	0.0	176.4



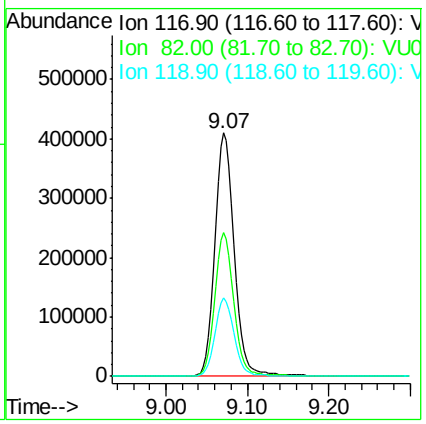


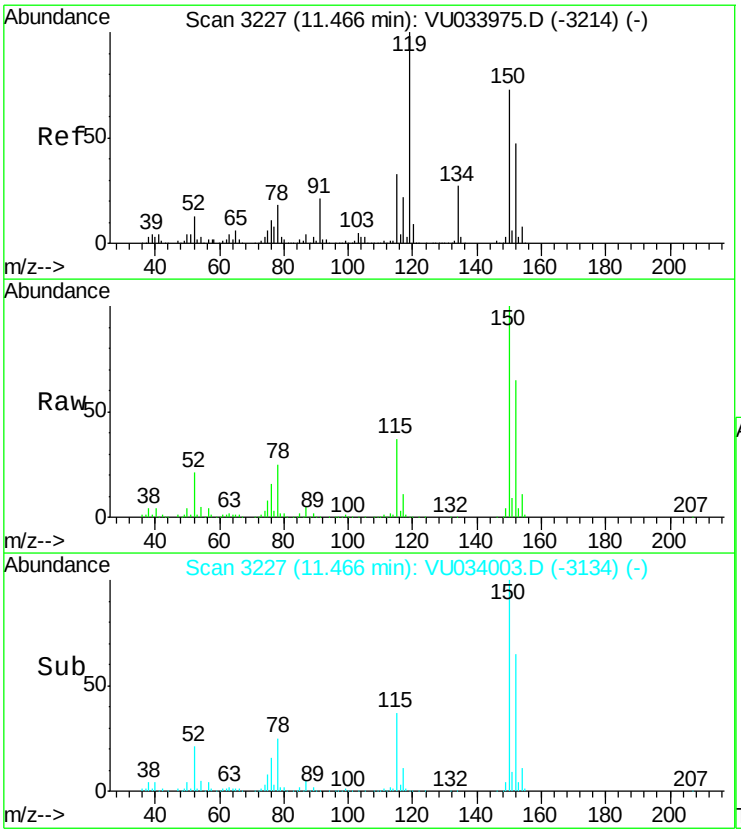
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU034003.D
Acq: 28 Aug 2019 04:39

Instrument : MSVOA_U
ClientSampleId : T2-S-B4-(0)

Tgt Ion:117 Resp: 694273

Ion	Ratio	Lower	Upper
117	100		
82	58.8	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: VU034003.D
Acq: 28 Aug 2019 04:39

Tgt Ion:152 Resp: 295379

Ion	Ratio	Lower	Upper
152	100		
115	57.4	38.6	115.7
150	155.7	0.0	343.8