Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090219\
Data File : VU034155.D
Acq On : 01 Sep 2019 04:52
Operator : JC/SP
Sample : K4526-38
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : T9-12-13-G3-(1.9)

Quant Time: Sep 01 06:03:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082919W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 29 04:11:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	458564	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	741435	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	728754	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	362534	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	289530	49.28	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.56%			
35) Dibromofluoromethane	4.86	113	240035	46.68	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.36%			
50) Toluene-d8	7.55	98	970281	50.39	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.78%			
62) 4-Bromofluorobenzene	10.29	95	338581	45.20	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.40%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	534	Below Cal	#	42
5) Bromomethane	1.60	94	62	Below Cal	#	2
11) Tert butyl alcohol	2.82	59	1432	1.057	ug/l #	73
16) Acetone	2.31	43	15297	5.102	ug/l	96
18) Methyl Acetate	2.61	43	3066	0.396	ug/l #	71
20) Methylene Chloride	2.69	84	11409	2.010	ug/l	89
29) Tetrahydrofuran	4.65	42	522	0.203	ug/l #	32
31) Cyclohexane	4.96	56	7979	0.909	ug/l #	1
36) 1,1-Dichloropropene	4.96	75	32739	4.668	ug/l #	46
38) Carbon Tetrachloride	4.96	117	40610	5.999	ug/l #	15
43) Isopropyl Acetate	5.53	43	69144	5.787	ug/l	99
48) Methyl methacrylate	6.52	41	4841	0.840	ug/l #	14
49) 1,4-Dioxane	6.59	88	43	0.298	ug/l #	1
51) 4-Methyl-2-Pentanone	7.40	43	69440	8.416	ug/l #	46
54) cis-1,3-Dichloropropene	7.40	75	33181	3.718	ug/l #	64
56) Ethyl methacrylate	7.94	69	85	0.981	ug/l #	27
57) 1,3-Dichloropropane	8.40	76	5910	0.630	ug/l #	42
59) 2-Hexanone	8.40	43	76077	12.214	ug/l #	53
74) N-amyl acetate	9.92	43	2438	0.238	ug/l #	43
76) 1,2,3-Trichloropropane	10.29	75	162090	19.838	ug/l #	37
81) trans-1,4-Dichloro-2-buten	10.29	75	162090	66.798	ug/l #	100
95) Naphthalene	13.78	128	20	1.791	ug/l #	70

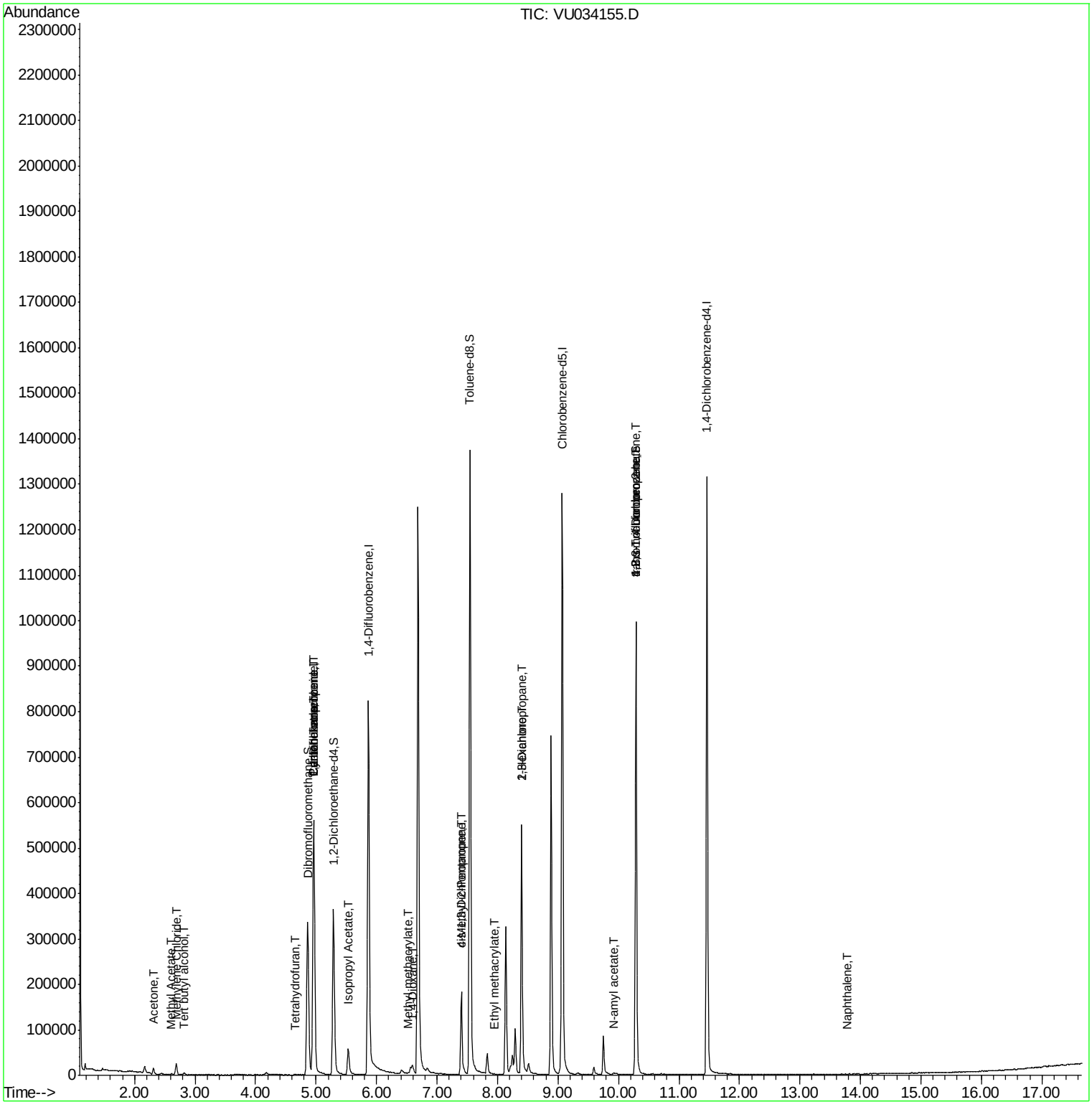
(#) = qualifier out of range (m) = manual integration (+) = signals summed

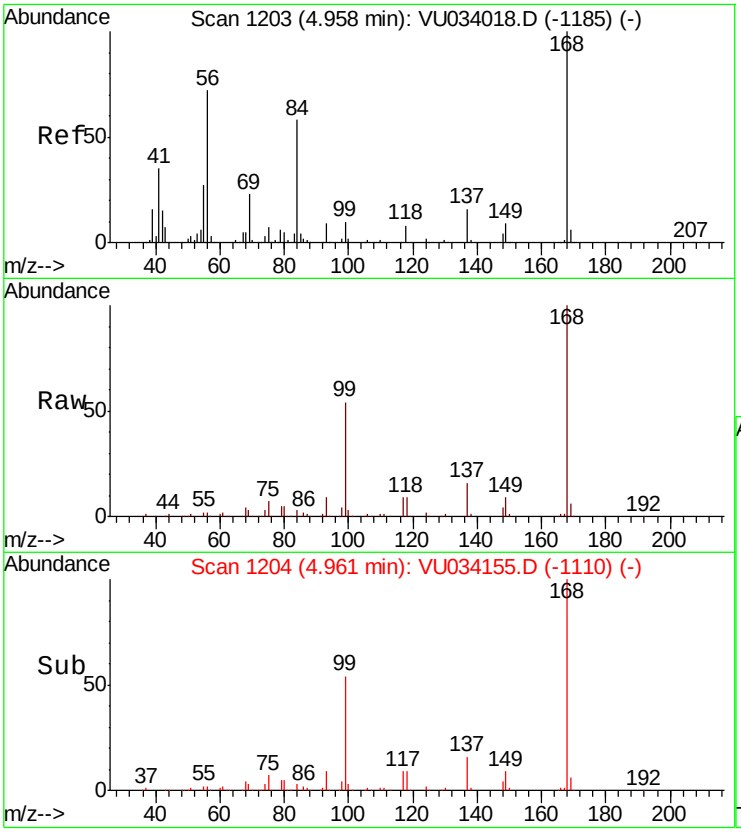
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090219\
Data File : VU034155.D
Acq On : 01 Sep 2019 04:52
Operator : JC/SP
Sample : K4526-38
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
T9-12-13-G3-(1.9)

Quant Time: Sep 01 06:03:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082919W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 29 04:11:12 2019
Response via : Initial Calibration



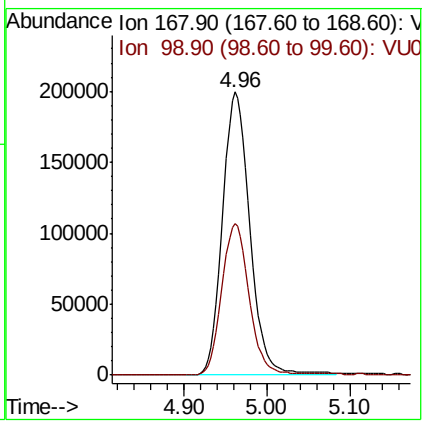


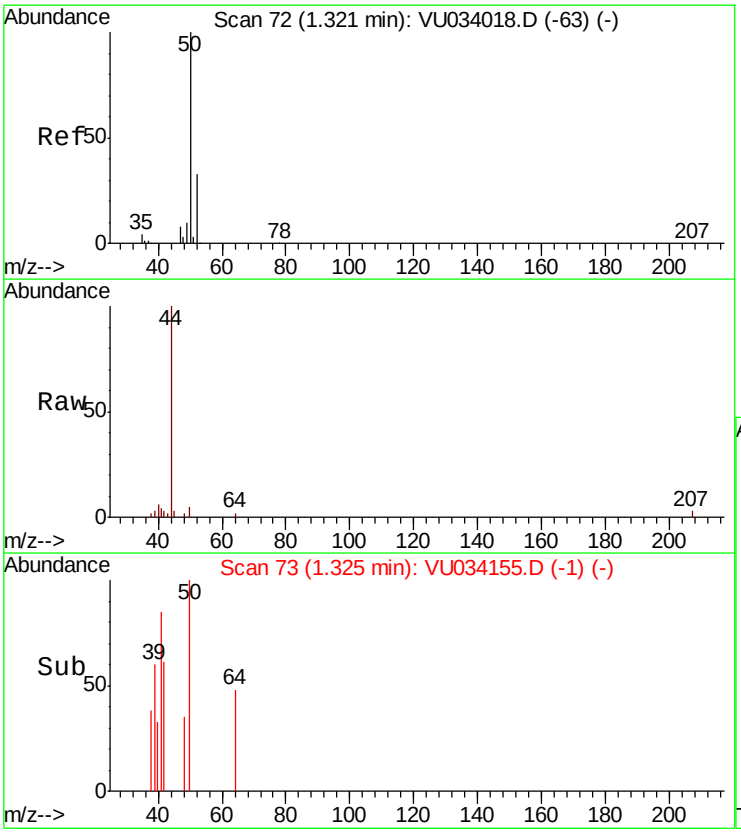
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.96 min Scan# 1204
Delta R.T. 0.00 min
Lab File: VU034155.D
Acq: 01 Sep 2019 04:52

Instrument :
MSVOA_U
ClientSampleId :
T9-12-13-G3-(1.9)

Tgt Ion:168 Resp: 458564

Ion	Ratio	Lower	Upper
168	100		
99	53.6	42.3	63.5

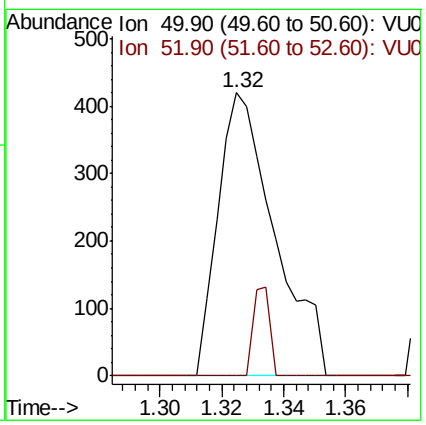


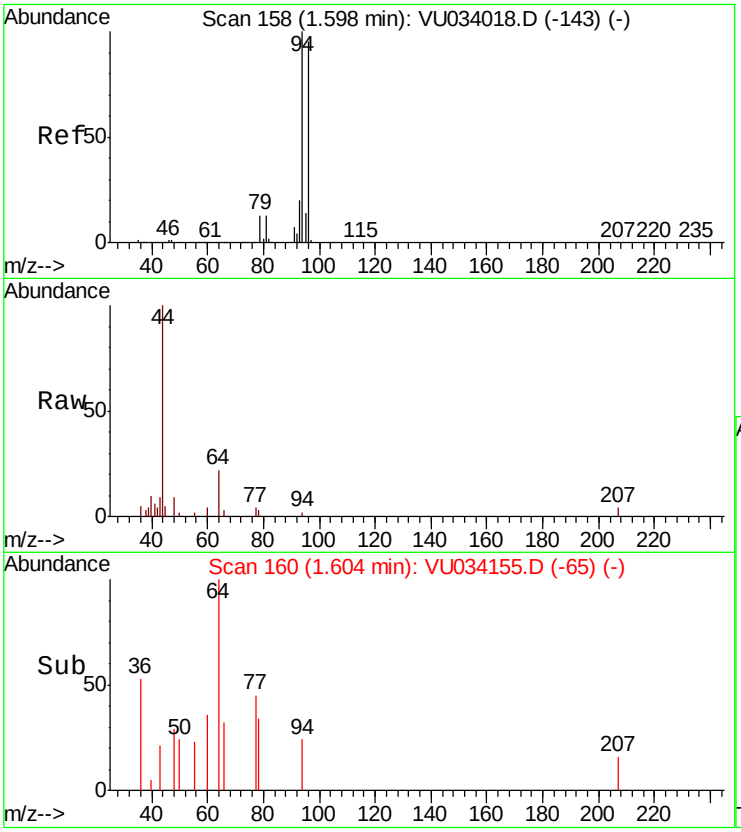


#3
Chloromethane
Concen: Below Cal
RT: 1.32 min Scan# 73
Delta R.T. 0.00 min
Lab File: VU034155.D
Acq: 01 Sep 2019 04:52

Tgt Ion: 50 Resp: 534

Ion	Ratio	Lower	Upper
50	100		
52	0.0	26.2	39.4#



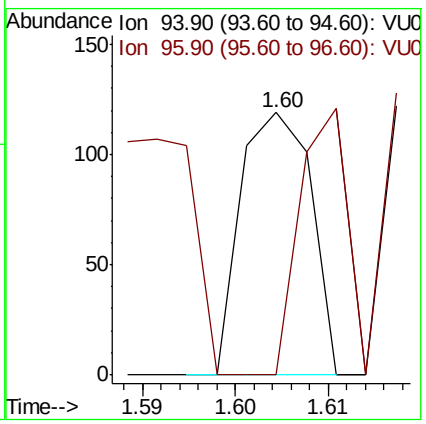


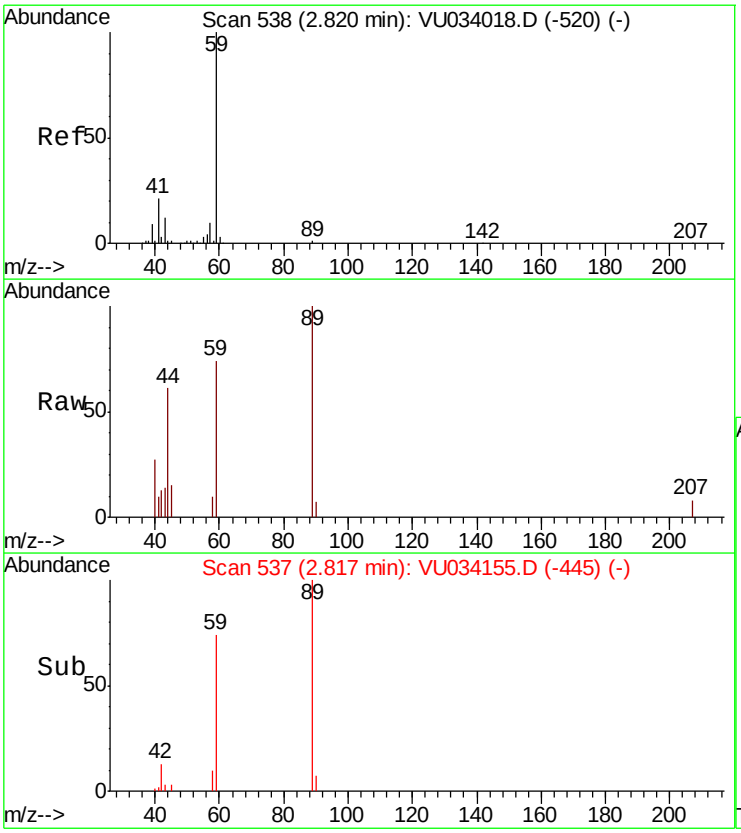
#5
Bromomethane
Concen: Below Cal
RT: 1.60 min Scan# 160
Delta R.T. 0.01 min
Lab File: VU034155.D
Acq: 01 Sep 2019 04:52

Instrument :
MSVOA_U
ClientSampleId :
T9-12-13-G3-(1.9)

Tgt Ion: 94 Resp: 62

Ion	Ratio	Lower	Upper
94	100		
96	0.0	76.3	114.5#

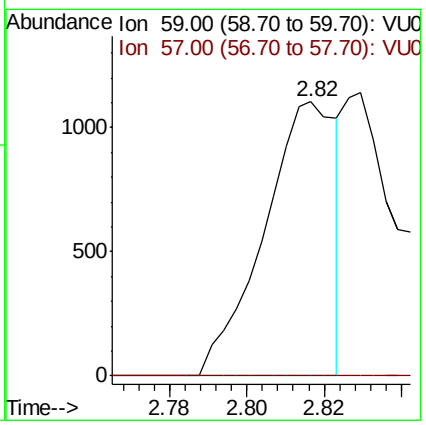


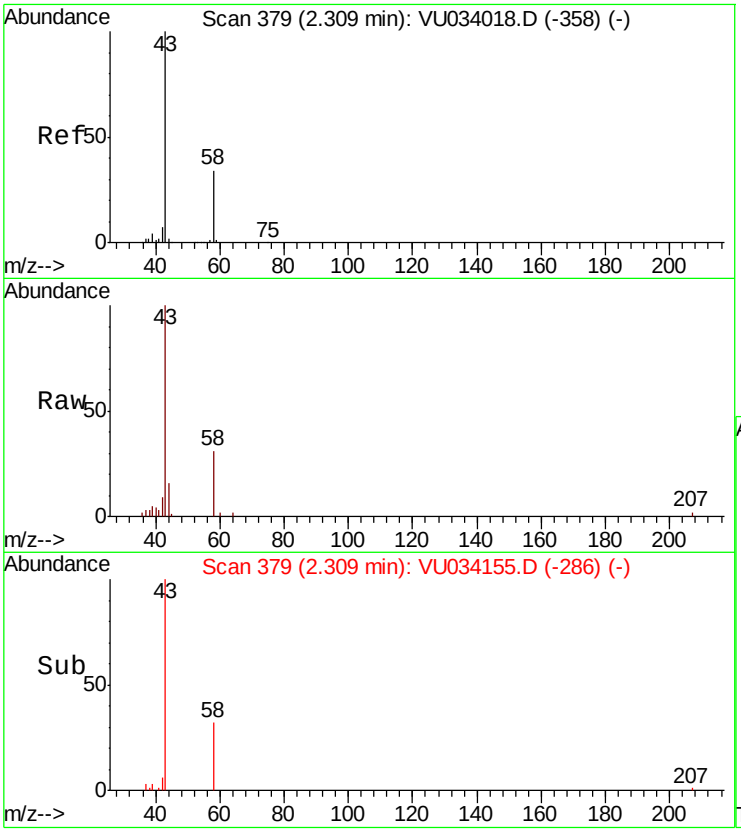


#11
Tert butyl alcohol
Concen: 1.057 ug/l
RT: 2.82 min Scan# 537
Delta R.T. -0.00 min
Lab File: VU034155.D
Acq: 01 Sep 2019 04:52

Tgt Ion: 59 Resp: 1432

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.0	12.0#



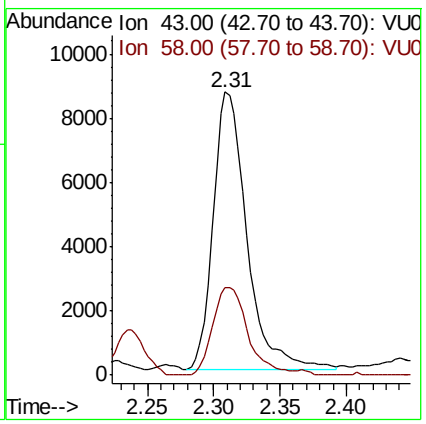


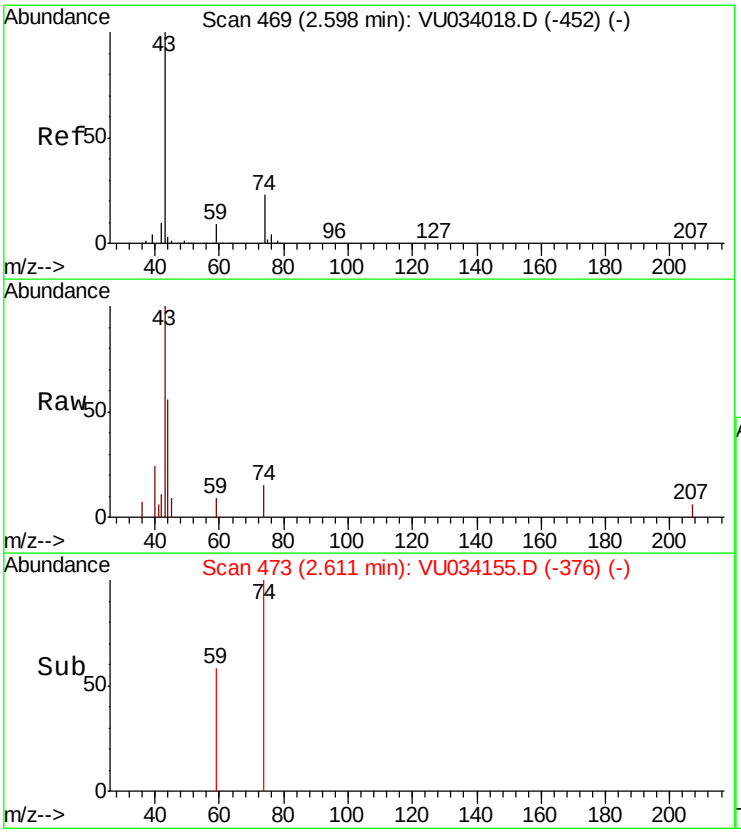
#16
Acetone
Concen: 5.102 ug/l
RT: 2.31 min Scan# 379
Delta R.T. -0.00 min
Lab File: VU034155.D
Acq: 01 Sep 2019 04:52

Instrument :
MSVOA_U
ClientSampleId :
T9-12-13-G3-(1.9)

Tgt Ion: 43 Resp: 15297

Ion	Ratio	Lower	Upper
43	100		
58	31.4	26.8	40.2

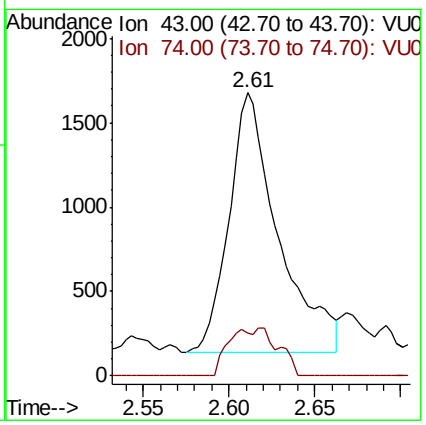


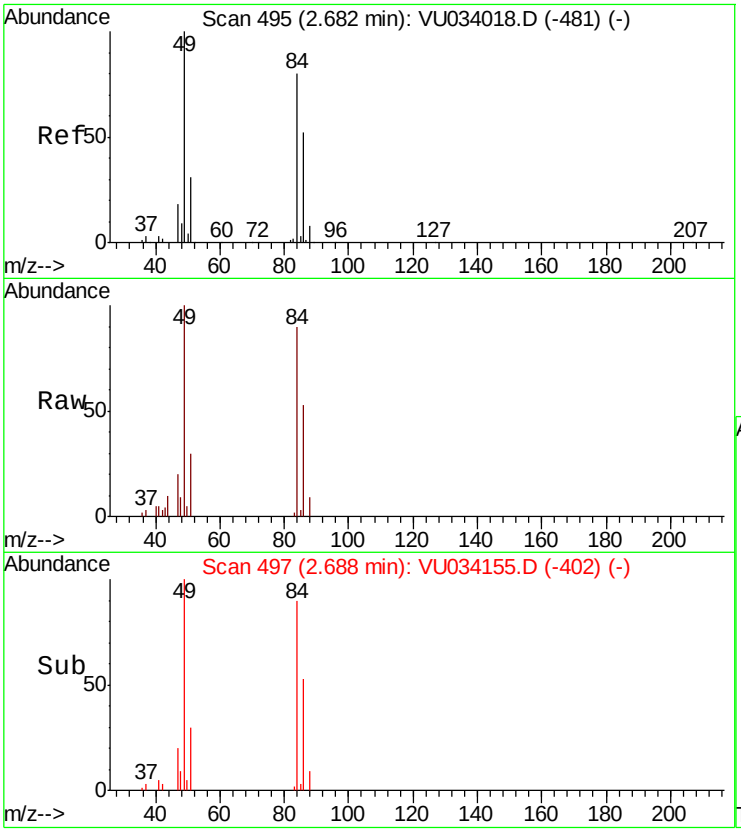


#18
Methyl Acetate
Concen: 0.396 ug/l
RT: 2.61 min Scan# 473
Delta R.T. 0.01 min
Lab File: VU034155.D
Acq: 01 Sep 2019 04:52

Tgt Ion: 43 Resp: 3066

Ion	Ratio	Lower	Upper
43	100		
74	9.8	19.2	28.8#



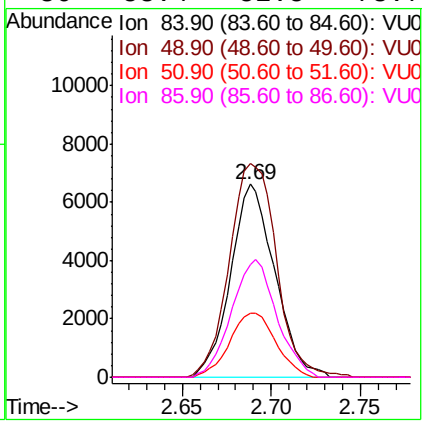


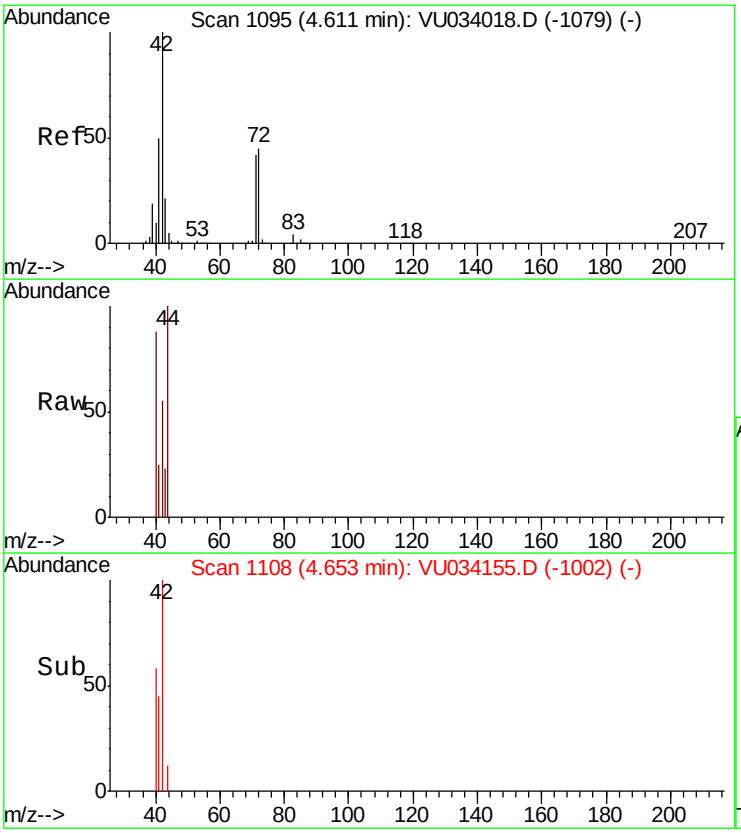
#20
Methylene Chloride
Concen: 2.010 ug/l
RT: 2.69 min Scan# 497
Delta R.T. 0.01 min
Lab File: VU034155.D
Acq: 01 Sep 2019 04:52

Instrument : MSVOA_U
ClientSampleId : T9-12-13-G3-(1.9)

Tgt Ion: 84 Resp: 11409

Ion	Ratio	Lower	Upper
84	100		
49	110.5	100.2	150.4
51	32.9	30.8	46.2
86	58.4	52.5	78.7

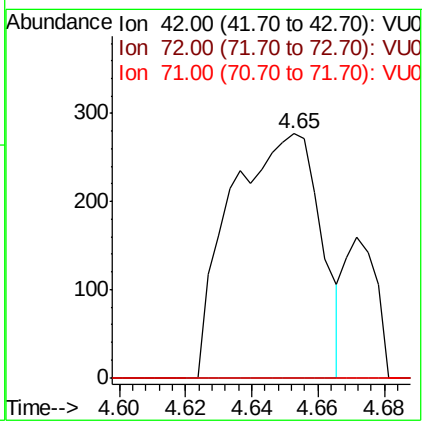


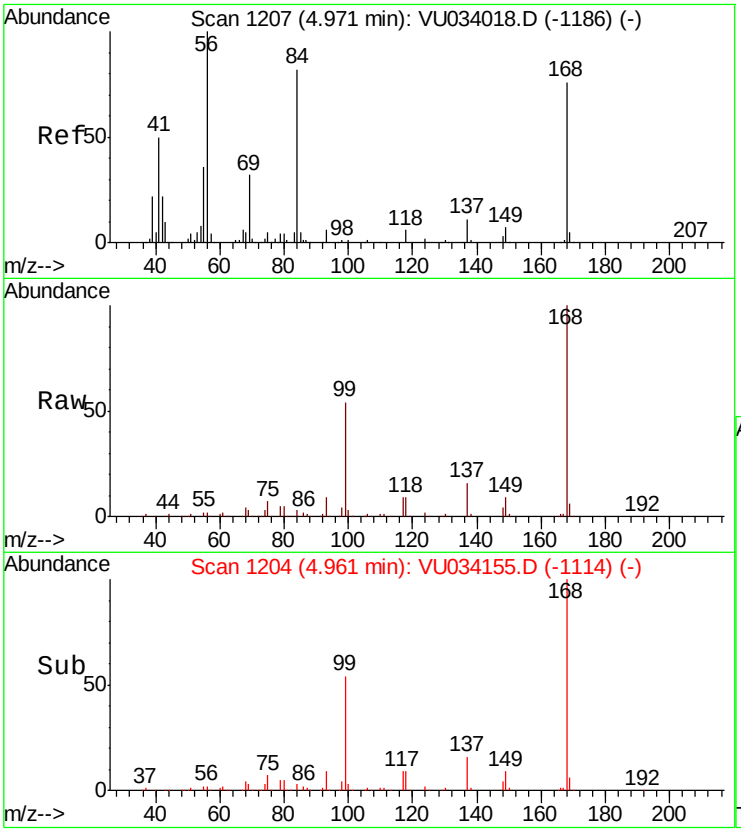


#29
Tetrahydrofuran
Concen: 0.203 ug/l
RT: 4.65 min Scan# 1108
Delta R.T. 0.04 min
Lab File: VU034155.D
Acq: 01 Sep 2019 04:52

Tgt Ion: 42 Resp: 522

Ion	Ratio	Lower	Upper
42	100		
72	0.0	35.8	53.6#
71	0.0	34.0	51.0#



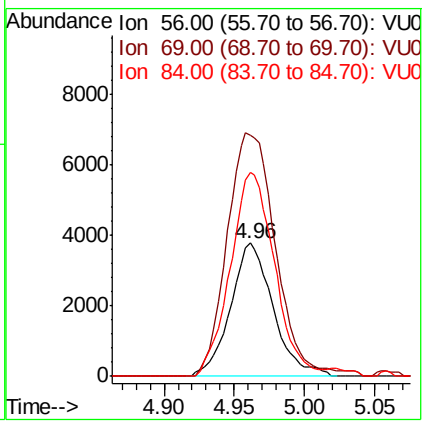


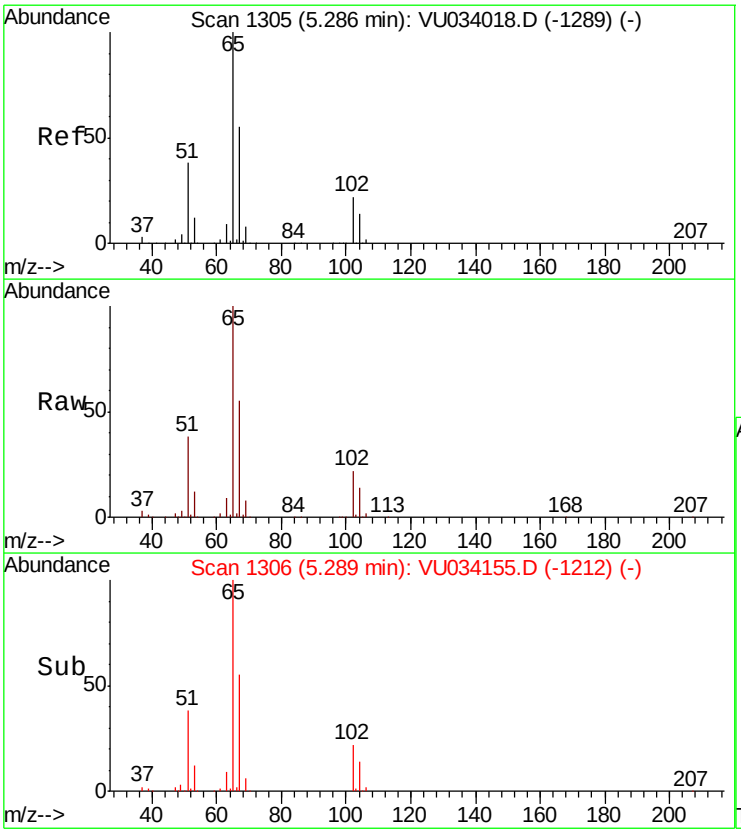
#31
Cyclohexane
Concen: 0.909 ug/l
RT: 4.96 min Scan# 1204
Delta R.T. -0.01 min
Lab File: VU034155.D
Acq: 01 Sep 2019 04:52

Instrument : MSVOA_U
ClientSampleId : T9-12-13-G3-(1.9)

Tgt Ion: 56 Resp: 7979

Ion	Ratio	Lower	Upper
56	100		
69	181.6	25.4	38.0#
84	153.3	65.8	98.8#

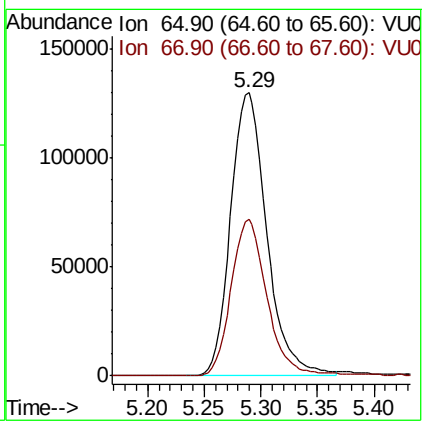


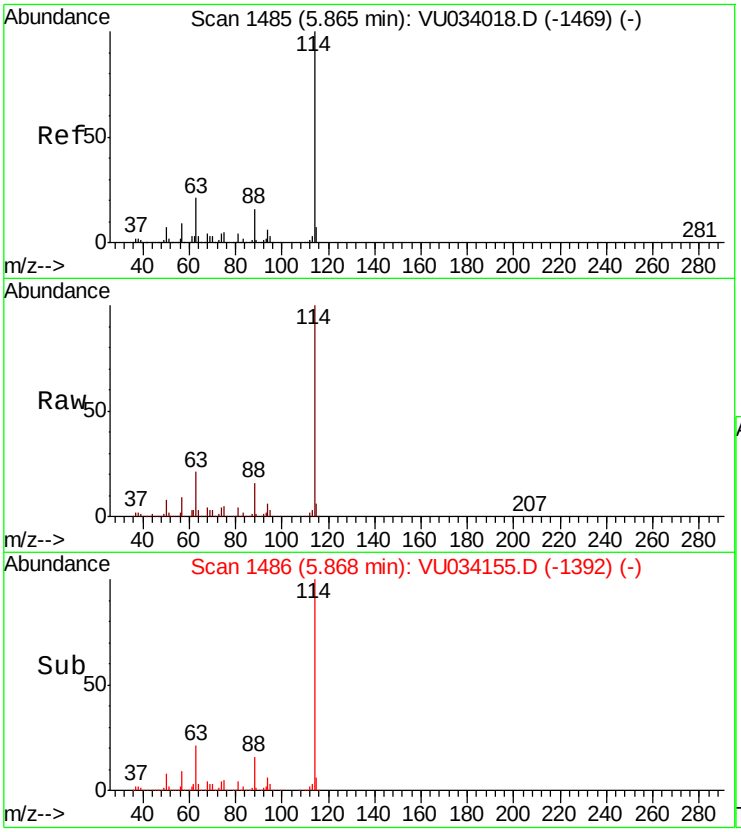


#33
1,2-Dichloroethane-d4
Concen: 49.275 ug/l
RT: 5.29 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU034155.D
Acq: 01 Sep 2019 04:52

Tgt Ion: 65 Resp: 289530

Ion	Ratio	Lower	Upper
65	100		
67	55.0	0.0	110.6



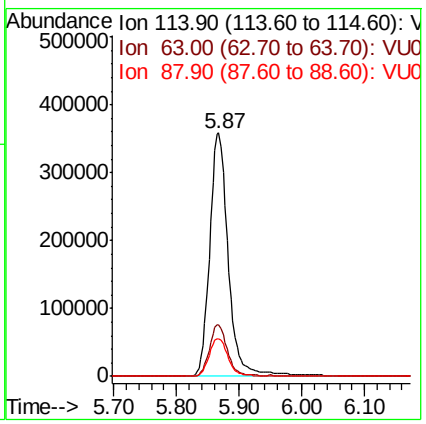


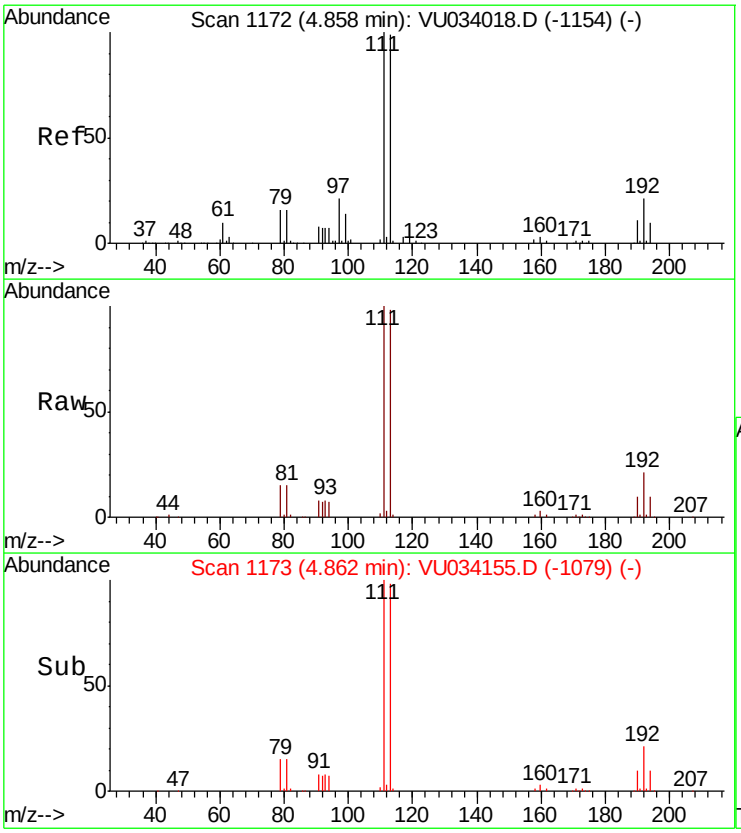
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.87 min Scan# 1486
Delta R.T. 0.00 min
Lab File: VU034155.D
Acq: 01 Sep 2019 04:52

Instrument :
MSVOA_U
ClientSampleId :
T9-12-13-G3-(1.9)

Tgt Ion:114 Resp: 741435

Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	42.0
88	15.7	0.0	32.0

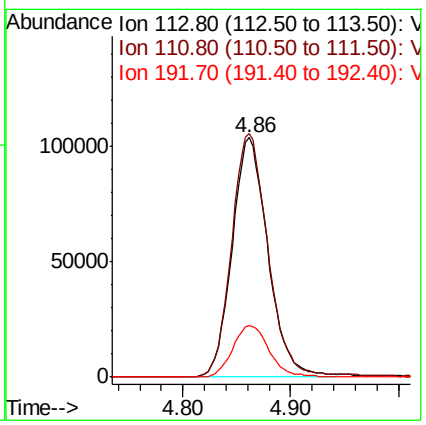


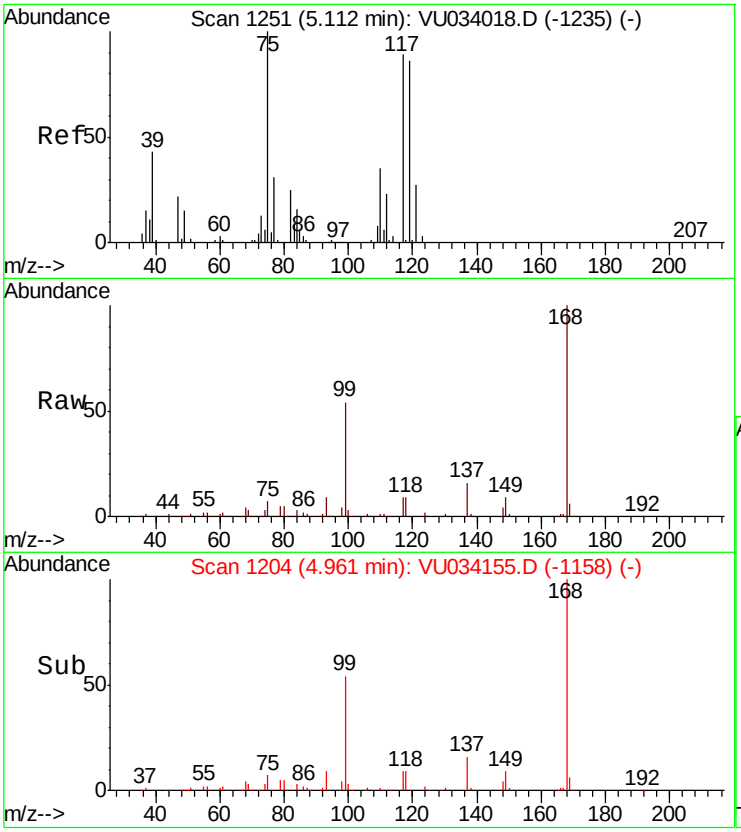


#35
Dibromofluoromethane
Concen: 46.676 ug/l
RT: 4.86 min Scan# 1173
Delta R.T. 0.00 min
Lab File: VU034155.D
Acq: 01 Sep 2019 04:52

Tgt Ion:113 Resp: 240035

Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.7	122.5
192	22.0	17.1	25.7



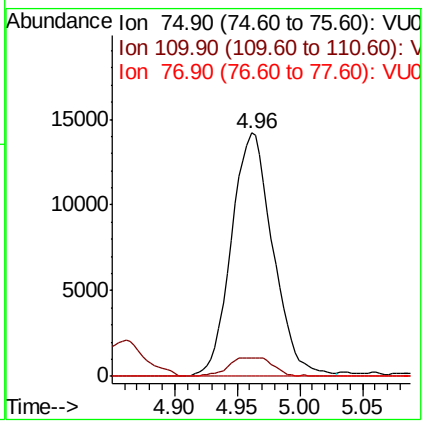


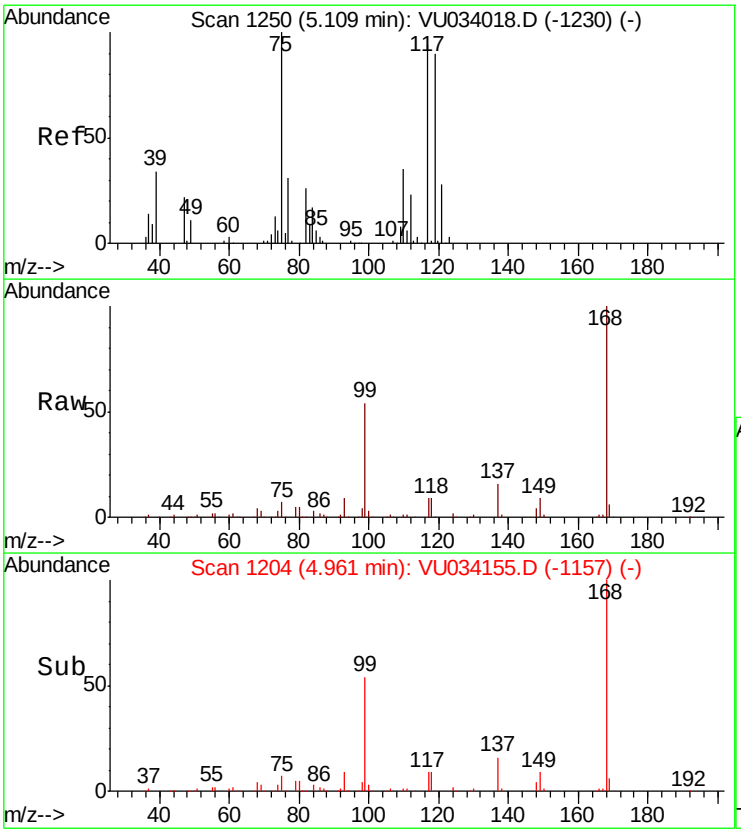
#36
1,1-Dichloropropene
Concen: 4.668 ug/l
RT: 4.96 min Scan# 1204
Delta R.T. -0.15 min
Lab File: VU034155.D
Acq: 01 Sep 2019 04:52

Instrument :
MSVOA_U
ClientSampleId :
T9-12-13-G3-(1.9)

Tgt Ion: 75 Resp: 32739

Ion	Ratio	Lower	Upper
75	100		
110	5.1	17.8	53.5#
77	0.0	25.0	37.4#

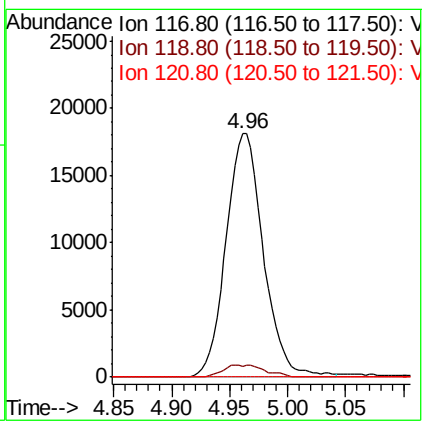


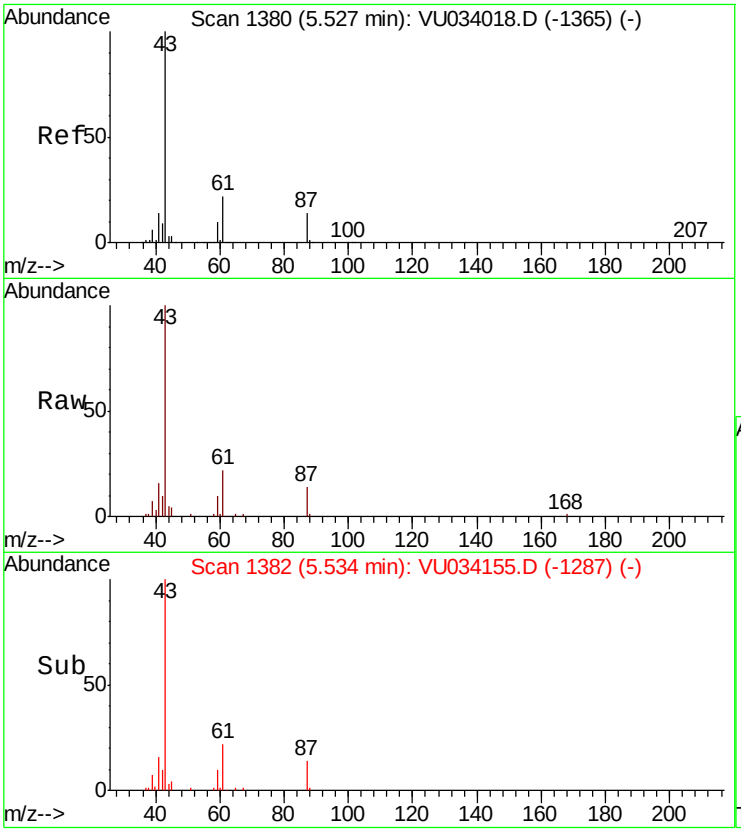


#38
Carbon Tetrachloride
Concen: 5.999 ug/l
RT: 4.96 min Scan# 1204
Delta R.T. -0.15 min
Lab File: VU034155.D
Acq: 01 Sep 2019 04:52

Tgt Ion:117 Resp: 40610

Ion	Ratio	Lower	Upper
117	100		
119	4.6	77.0	115.4#
121	0.0	23.9	35.9#



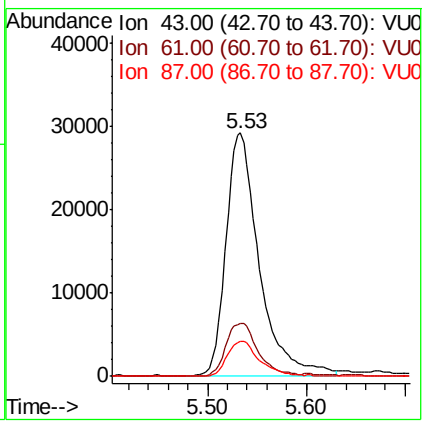


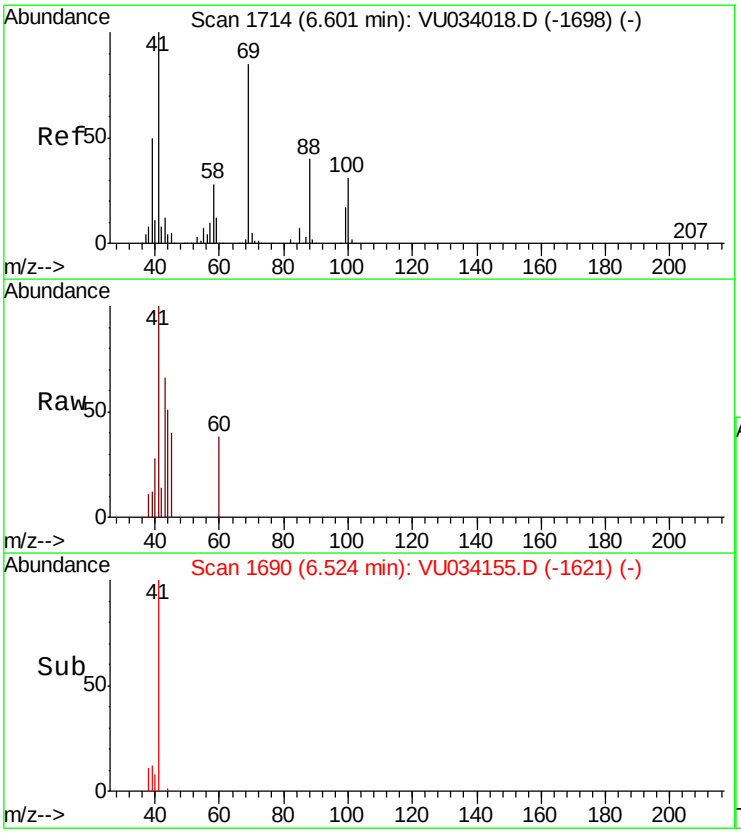
#43
Isopropyl Acetate
Concen: 5.787 ug/l
RT: 5.53 min Scan# 1382
Delta R.T. 0.01 min
Lab File: VU034155.D
Acq: 01 Sep 2019 04:52

Instrument : MSVOA_U
ClientSampleId : T9-12-13-G3-(1.9)

Tgt Ion: 43 Resp: 69144

Ion	Ratio	Lower	Upper
43	100		
61	21.0	17.2	25.8
87	13.8	10.8	16.2

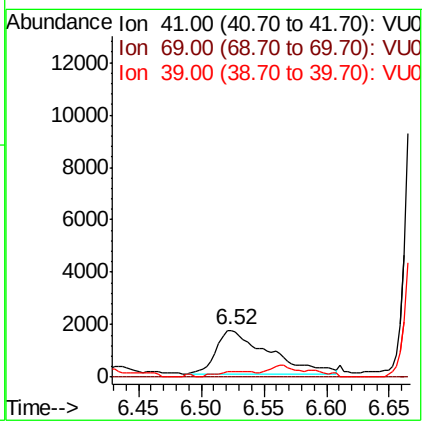


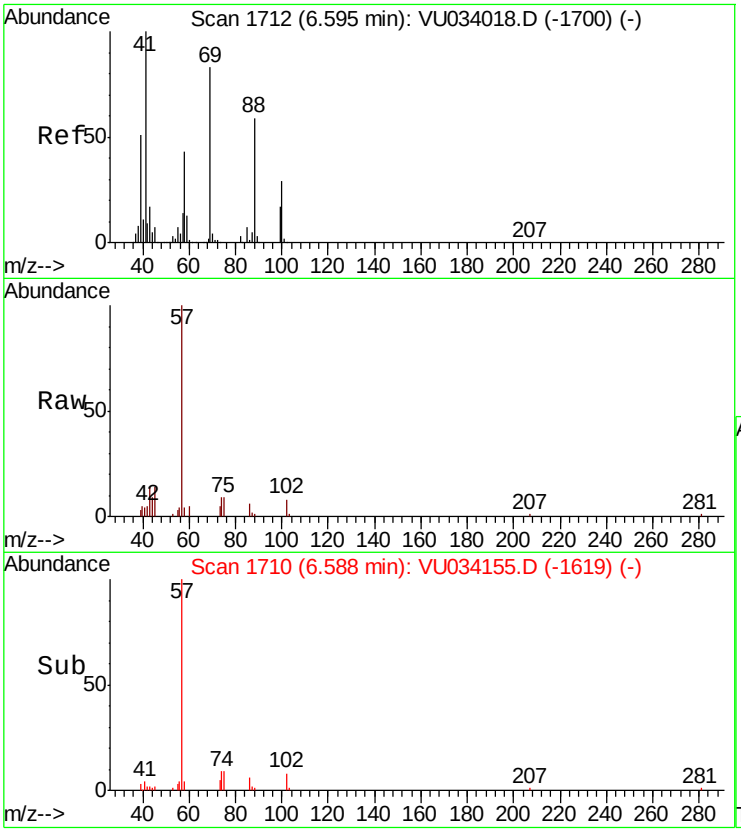


#48
Methyl methacrylate
Concen: 0.840 ug/l
RT: 6.52 min Scan# 1690
Delta R.T. -0.08 min
Lab File: VU034155.D
Acq: 01 Sep 2019 04:52

Tgt Ion: 41 Resp: 4841

Ion	Ratio	Lower	Upper
41	100		
69	0.0	69.5	104.3#
39	0.0	40.3	60.5#



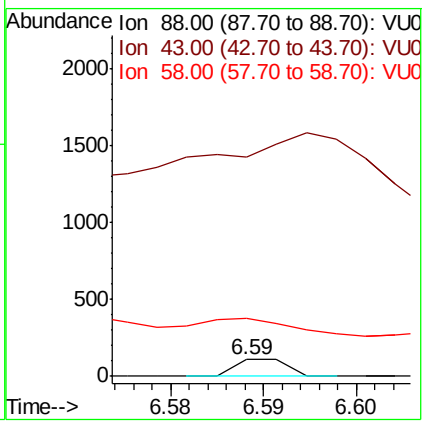


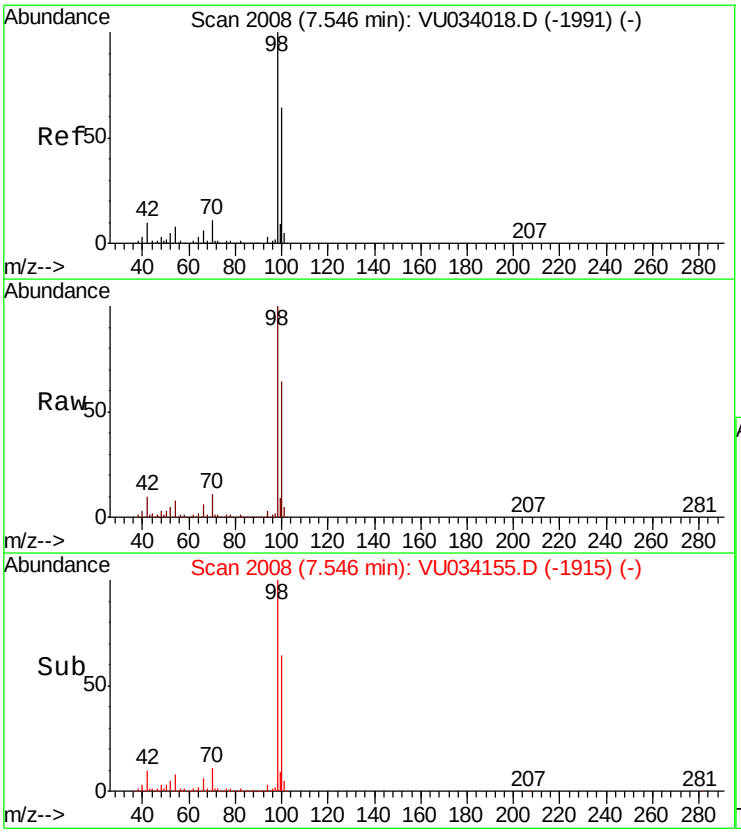
#49
1,4-Dioxane
Concen: 0.298 ug/l
RT: 6.59 min Scan# 1710
Delta R.T. -0.01 min
Lab File: VU034155.D
Acq: 01 Sep 2019 04:52

Instrument :
MSVOA_U
ClientSampleId :
T9-12-13-G3-(1.9)

Tgt Ion: 88 Resp: 43

Ion	Ratio	Lower	Upper
88	100		
43	0.0	24.8	37.2#
58	1446.5	59.3	88.9#

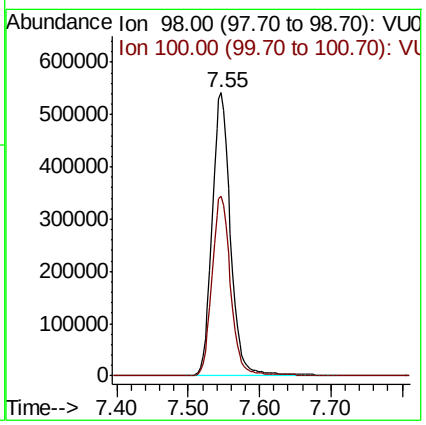


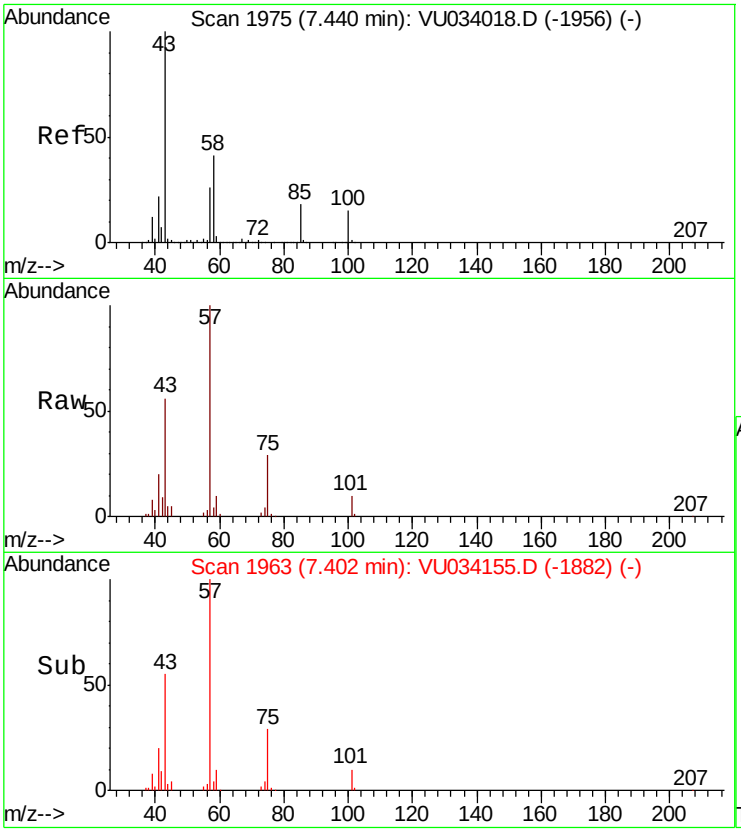


#50
Toluene-d8
Concen: 50.390 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. -0.00 min
Lab File: VU034155.D
Acq: 01 Sep 2019 04:52

Tgt Ion: 98 Resp: 970281

Ion	Ratio	Lower	Upper
98	100		
100	63.7	50.3	75.5



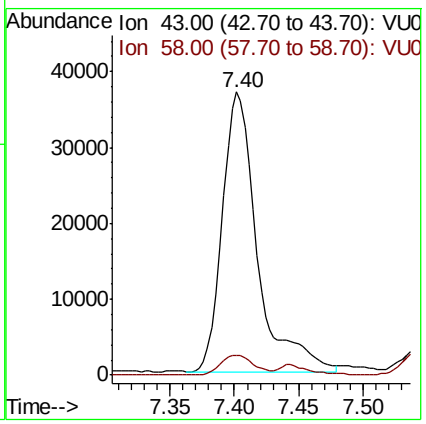


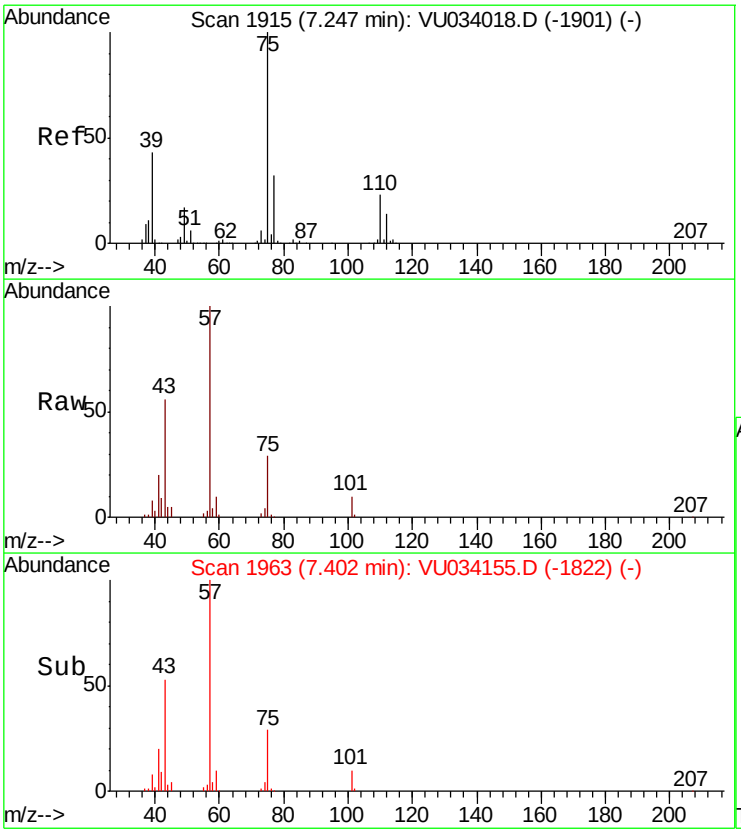
#51
4-Methyl-2-Pentanone
Concen: 8.416 ug/l
RT: 7.40 min Scan# 1963
Delta R.T. -0.04 min
Lab File: VU034155.D
Acq: 01 Sep 2019 04:52

Instrument :
MSVOA_U
ClientSampleId :
T9-12-13-G3-(1.9)

Tgt Ion: 43 Resp: 69440

Ion	Ratio	Lower	Upper
43	100		
58	6.7	32.2	48.4#

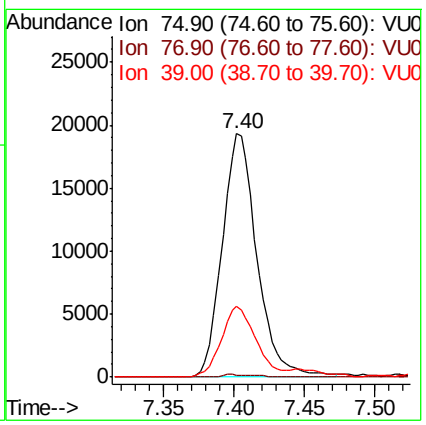


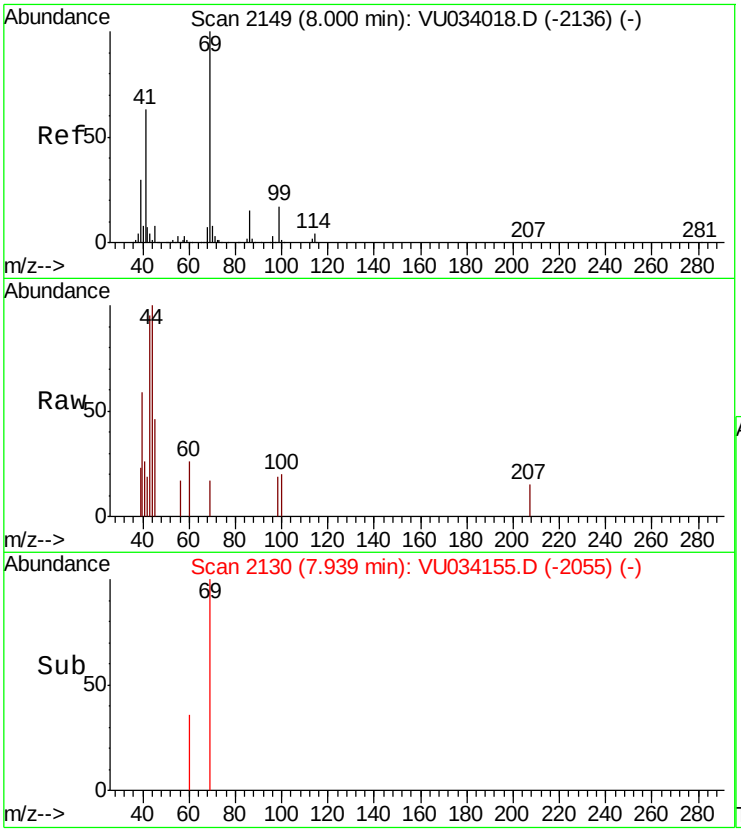


#54
cis-1,3-Dichloropropene
Concen: 3.718 ug/l
RT: 7.40 min Scan# 1963
Delta R.T. 0.15 min
Lab File: VU034155.D
Acq: 01 Sep 2019 04:52

Tgt Ion: 75 Resp: 33181

Ion	Ratio	Lower	Upper
75	100		
77	0.8	25.2	37.8#
39	28.9	34.6	51.8#



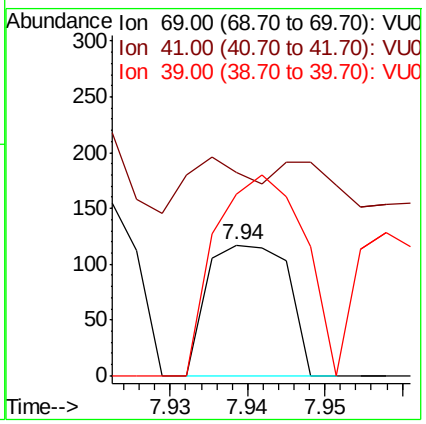


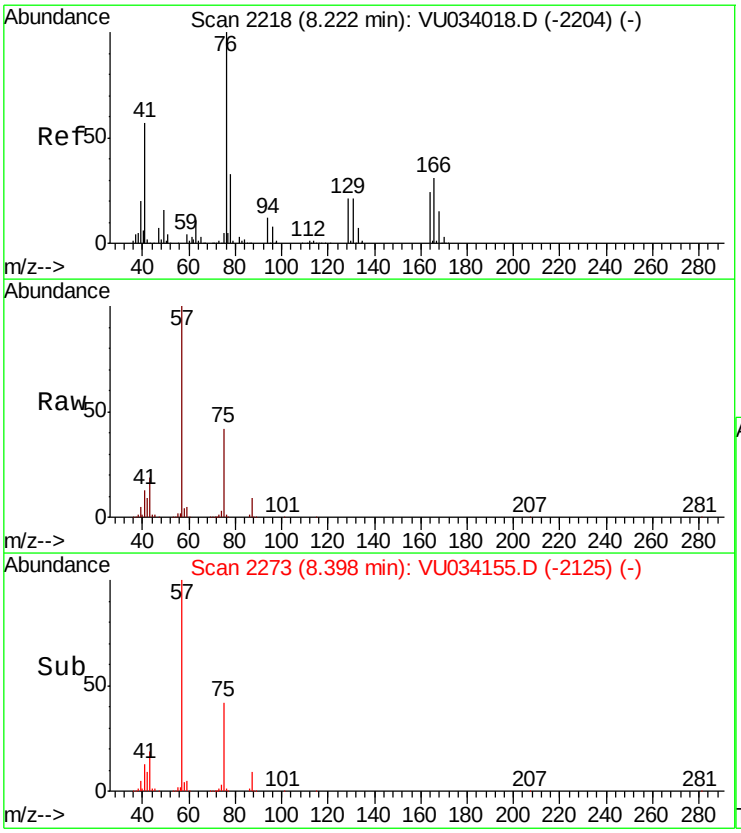
#56
Ethyl methacrylate
Concen: 0.981 ug/l
RT: 7.94 min Scan# 2130
Delta R.T. -0.06 min
Lab File: VU034155.D
Acq: 01 Sep 2019 04:52

Instrument : MSVOA_U
ClientSampleId : T9-12-13-G3-(1.9)

Tgt Ion: 69 Resp: 85

Ion	Ratio	Lower	Upper
69	100		
41	0.0	50.7	76.1#
39	0.0	24.2	36.2#

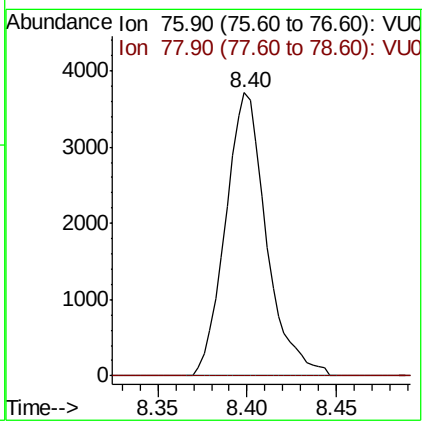


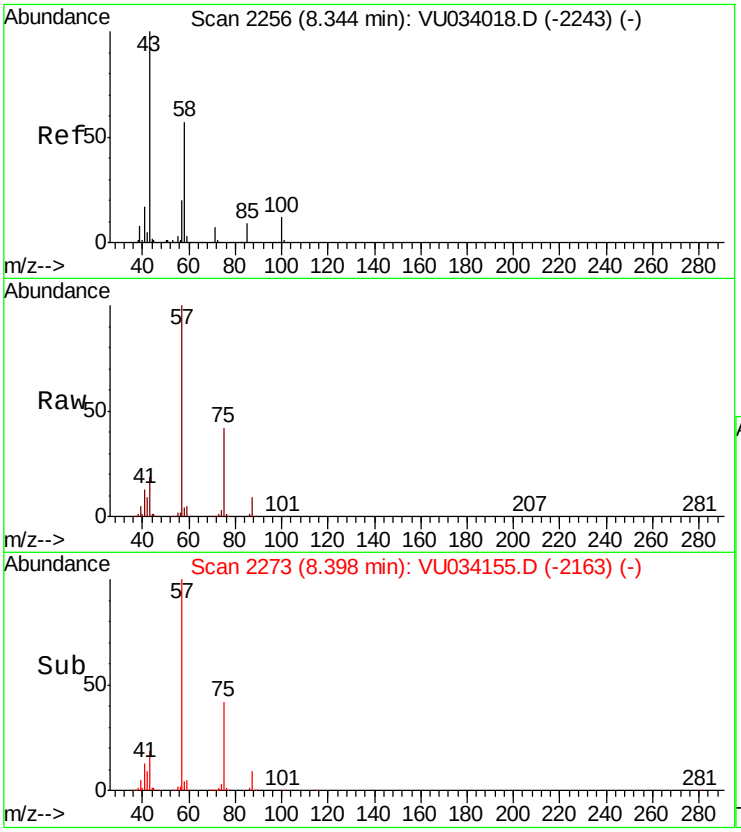


#57
1,3-Dichloropropane
Concen: 0.630 ug/l
RT: 8.40 min Scan# 2273
Delta R.T. 0.18 min
Lab File: VU034155.D
Acq: 01 Sep 2019 04:52

Tgt Ion: 76 Resp: 5910

Ion	Ratio	Lower	Upper
76	100		
78	0.0	26.2	39.4#



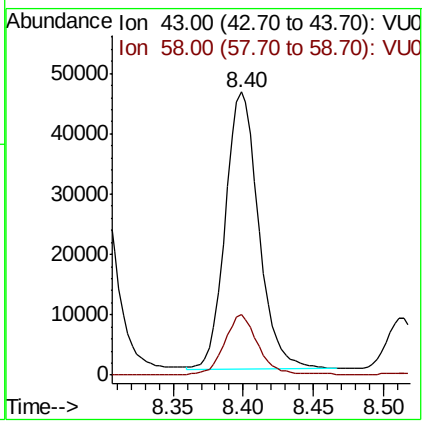


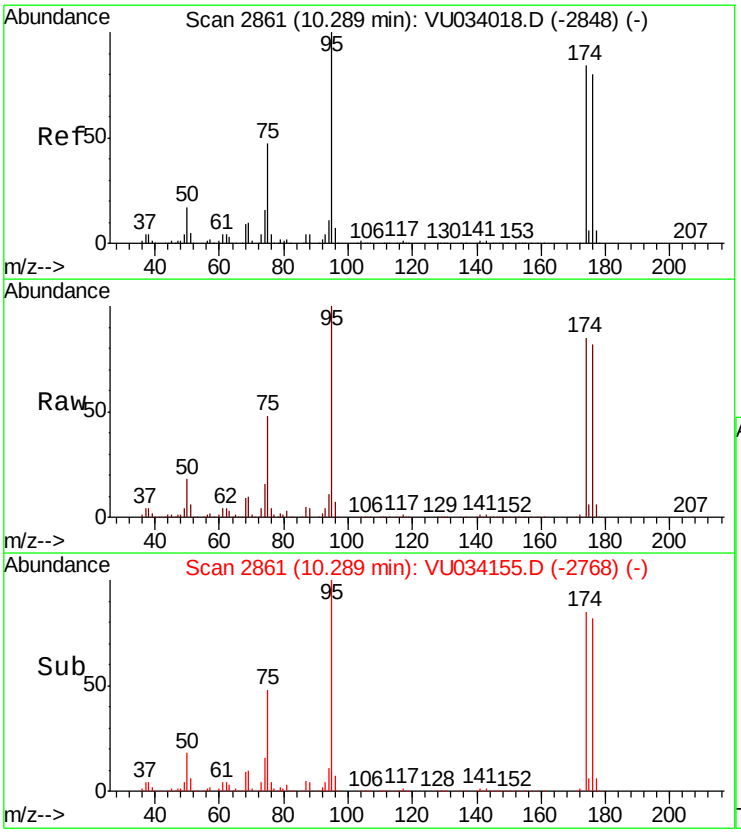
#59
2-Hexanone
Concen: 12.214 ug/l
RT: 8.40 min Scan# 2273
Delta R.T. 0.05 min
Lab File: VU034155.D
Acq: 01 Sep 2019 04:52

Instrument :
MSVOA_U
ClientSampleId :
T9-12-13-G3-(1.9)

Tgt Ion: 43 Resp: 76077

Ion	Ratio	Lower	Upper
43	100		
58	22.5	28.4	85.3#

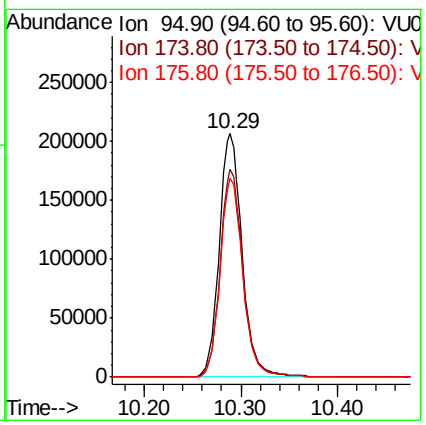


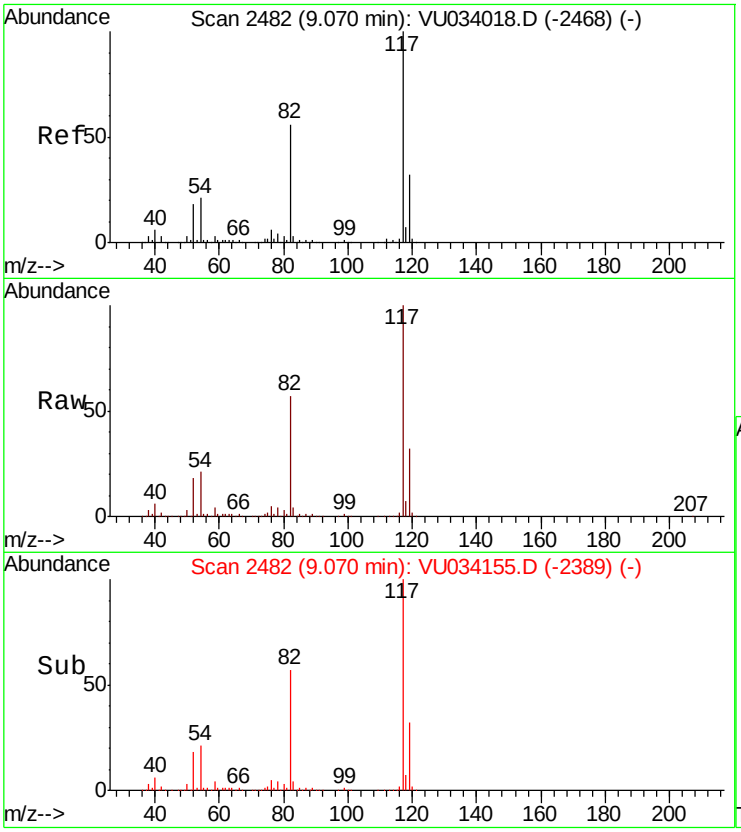


#62
4-Bromofluorobenzene
Concen: 45.203 ug/l
RT: 10.29 min Scan# 2861
Delta R.T. -0.00 min
Lab File: VU034155.D
Acq: 01 Sep 2019 04:52

Tgt Ion: 95 Resp: 338581

Ion	Ratio	Lower	Upper
95	100		
174	85.0	0.0	168.8
176	81.3	0.0	161.8



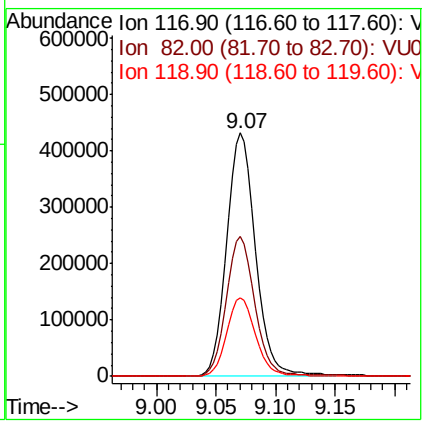


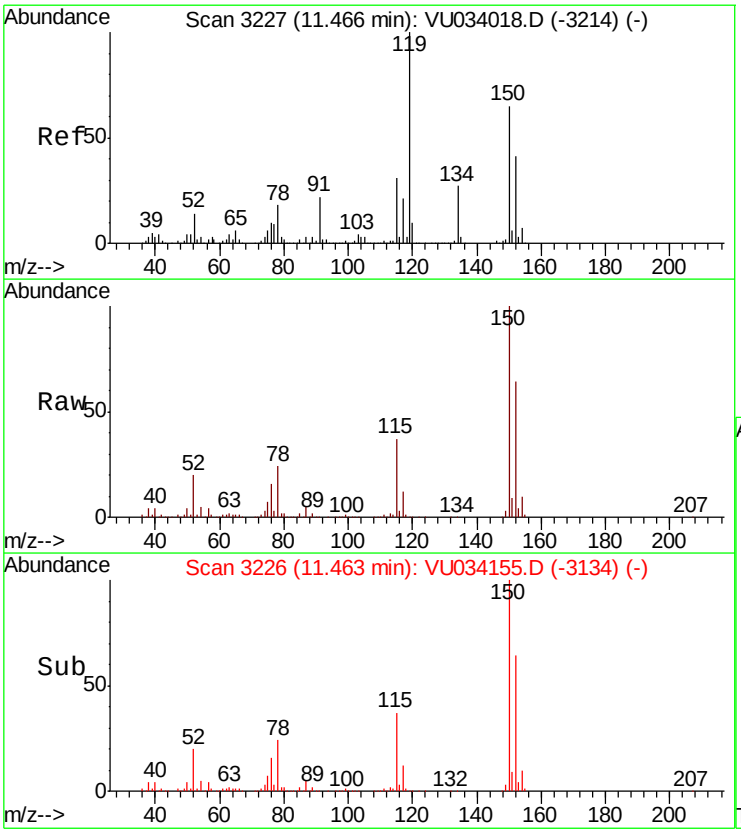
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. -0.00 min
Lab File: VU034155.D
Acq: 01 Sep 2019 04:52

Instrument : MSVOA_U
ClientSampleId : T9-12-13-G3-(1.9)

Tgt Ion:117 Resp: 728754

Ion	Ratio	Lower	Upper
117	100		
82	57.5	45.1	67.7
119	32.3	25.4	38.0

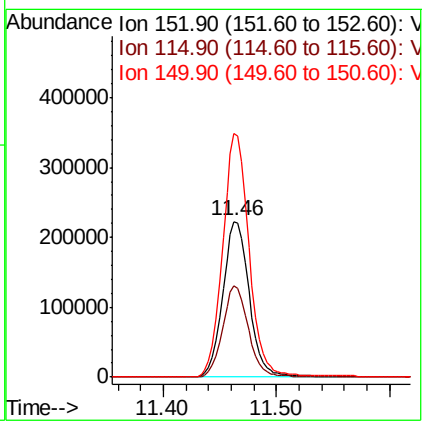


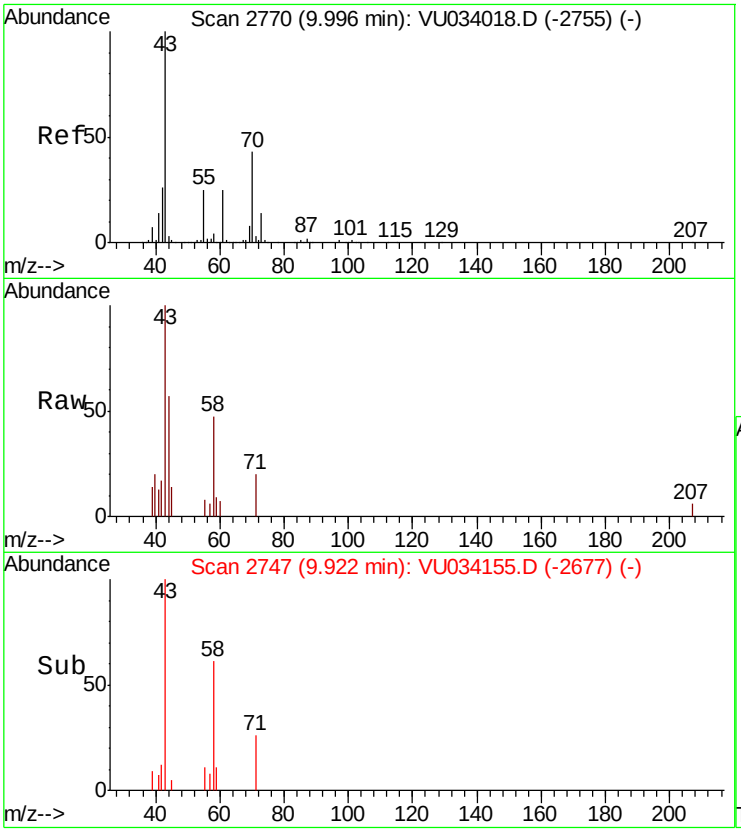


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.46 min Scan# 3226
Delta R.T. -0.00 min
Lab File: VU034155.D
Acq: 01 Sep 2019 04:52

Tgt Ion:152 Resp: 362534

Ion	Ratio	Lower	Upper
152	100		
115	57.1	41.1	123.3
150	156.6	0.0	348.8



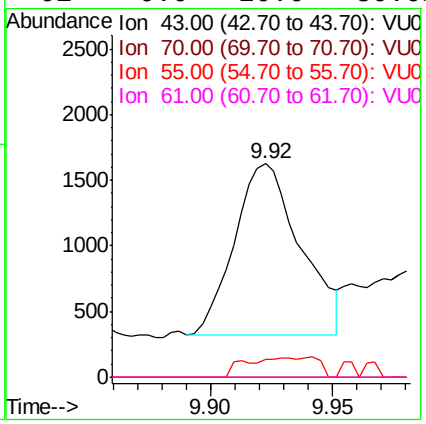


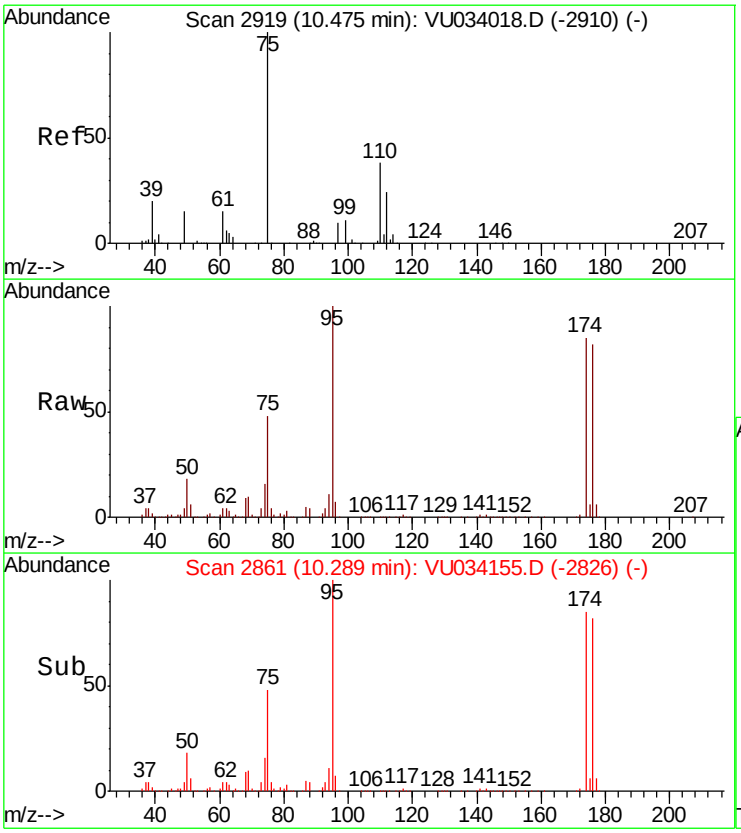
#74
N-amyl acetate
Concen: 0.238 ug/l
RT: 9.92 min Scan# 2747
Delta R.T. -0.07 min
Lab File: VU034155.D
Acq: 01 Sep 2019 04:52

Instrument : MSVOA_U
ClientSampleId : T9-12-13-G3-(1.9)

Tgt Ion: 43 Resp: 2438

Ion	Ratio	Lower	Upper
43	100		
70	0.0	35.2	52.8#
55	2.7	20.5	30.7#
61	0.0	20.0	30.0#

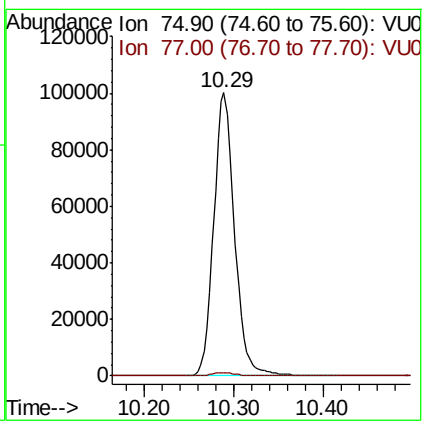


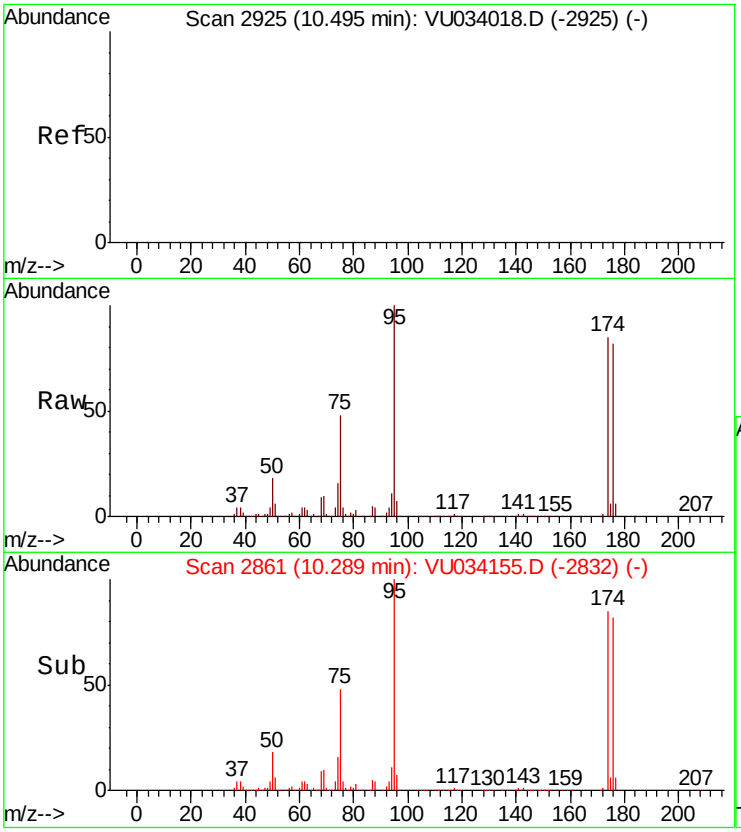


#76
1,2,3-Trichloropropane
Concen: 19.838 ug/l
RT: 10.29 min Scan# 2861
Delta R.T. -0.19 min
Lab File: VU034155.D
Acq: 01 Sep 2019 04:52

Tgt Ion: 75 Resp: 162090

Ion	Ratio	Lower	Upper
75	100		
77	1.3	20.1	60.2#



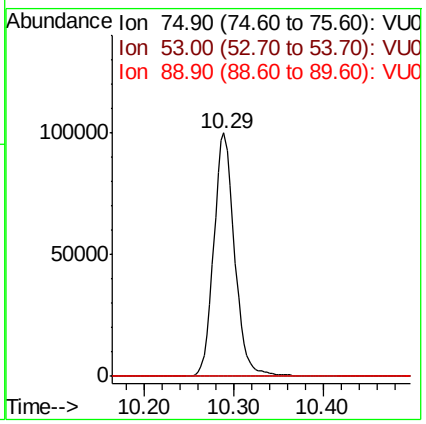


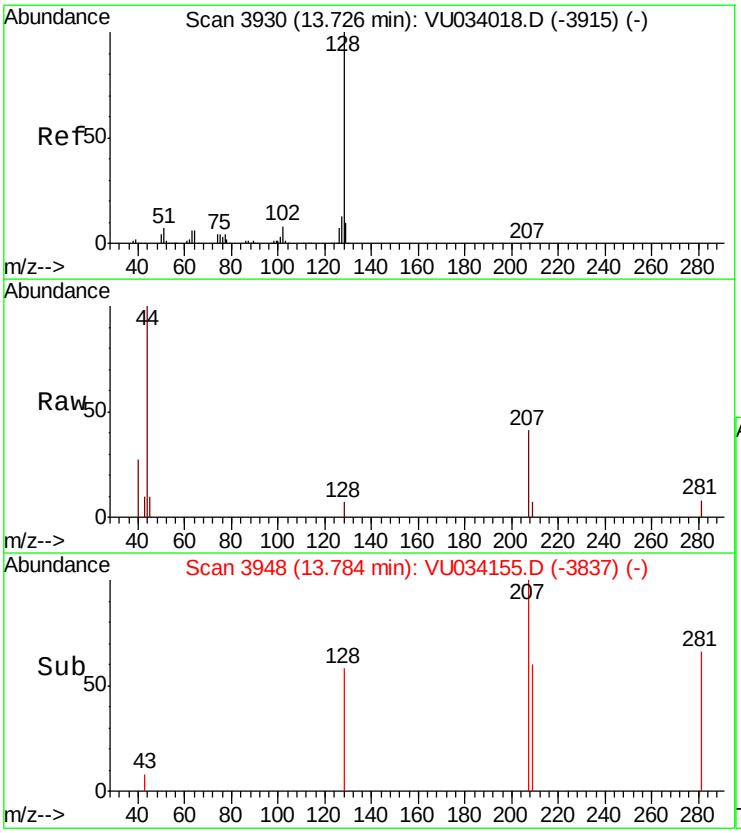
#81
trans-1,4-Dichloro-2-butene
Concen: 66.798 ug/l
RT: 10.29 min Scan# 2861
Delta R.T. -0.21 min
Lab File: VU034155.D
Acq: 01 Sep 2019 04:52

Instrument :
MSVOA_U
ClientSampleId :
T9-12-13-G3-(1.9)

Tgt Ion: 75 Resp: 162090

Ion	Ratio	Lower	Upper
75	100		
53	0.1	0.0	0.0#
89	0.0	0.0	0.0





#95
Naphthalene
Concen: 1.791 ug/l
RT: 13.78 min Scan# 3948
Delta R.T. 0.06 min
Lab File: VU034155.D
Acq: 01 Sep 2019 04:52

Tgt Ion:128 Resp: 20

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.4#
129	0.0	8.4	12.6#