Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091019\
Data File : VU034437.D
Acq On : 10 Sep 2019 09:46
Operator : JC/SP
Sample : PB122930TB
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : PB122930TB

Quant Time: Sep 11 05:51:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U090619W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 06 05:10:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	4.96	168	232190	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	5.86	114	358091	50.00	ug/l		0.00
63) Chlorobenzene-d5	9.07	117	368105	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	202472	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.29	65	203353	57.88	ug/l		0.00
Spiked Amount 50.000			Recovery = 115.76%				
35) Dibromofluoromethane	4.86	113	180866	54.28	ug/l		0.00
Spiked Amount 50.000			Recovery = 108.56%				
50) Toluene-d8	7.54	98	639598	51.09	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.18%				
62) 4-Bromofluorobenzene	10.29	95	218138	45.13	ug/l		0.00
Spiked Amount 50.000			Recovery = 90.26%				
Target Compounds							Qvalue
5) Bromomethane	1.59	94	66	Below Cal		#	2
6) Chloroethane	1.77	64	157	Below Cal		#	43
8) Diethyl Ether	2.10	74	455	0.255	ug/l	#	8
10) Methyl Iodide	2.41	142	418	4.003	ug/l	#	43
11) Tert butyl alcohol	2.83	59	2245	3.025	ug/l	#	73
16) Acetone	2.33	43	11160	6.139	ug/l		95
18) Methyl Acetate	2.62	43	2684	0.607	ug/l		93
20) Methylene Chloride	2.69	84	6282	1.724	ug/l		98
31) Cyclohexane	4.96	56	4027	0.979	ug/l	#	1
36) 1,1-Dichloropropene	4.96	75	15977	4.114	ug/l	#	49
38) Carbon Tetrachloride	4.96	117	21339	5.146	ug/l	#	15
43) Isopropyl Acetate	5.53	43	65959	9.208	ug/l		98
48) Methyl methacrylate	6.53	41	4465	1.312	ug/l	#	13
49) 1,4-Dioxane	6.67	88	182	2.450	ug/l	#	1
51) 4-Methyl-2-Pentanone	7.40	43	56539	11.403	ug/l	#	47
54) cis-1,3-Dichloropropene	7.40	75	31027	5.761	ug/l	#	68
56) Ethyl methacrylate	8.03	69	332	3.134	ug/l	#	28
57) 1,3-Dichloropropane	8.40	76	5628	0.968	ug/l	#	43
59) 2-Hexanone	8.29	43	67978	18.353	ug/l	#	22
68) m/p-Xylenes	9.36	106	1558	0.271	ug/l		90
74) N-amyl acetate	9.92	43	1972	0.372	ug/l	#	44
76) 1,2,3-Trichloropropane	10.29	75	103912	23.512	ug/l	#	36
80) 1,3,5-Trimethylbenzene	10.75	105	2430	0.221	ug/l		94
81) trans-1,4-Dichloro-2-buten	10.29	75	103912	79.068	ug/l	#	100
93) 1,2,4-Trichlorobenzene	13.56	180	117	3.474	ug/l		70
95) Naphthalene	13.76	128	1877	4.094	ug/l	#	94
96) 1,2,3-Trichlorobenzene	13.99	180	684	2.779	ug/l	#	78

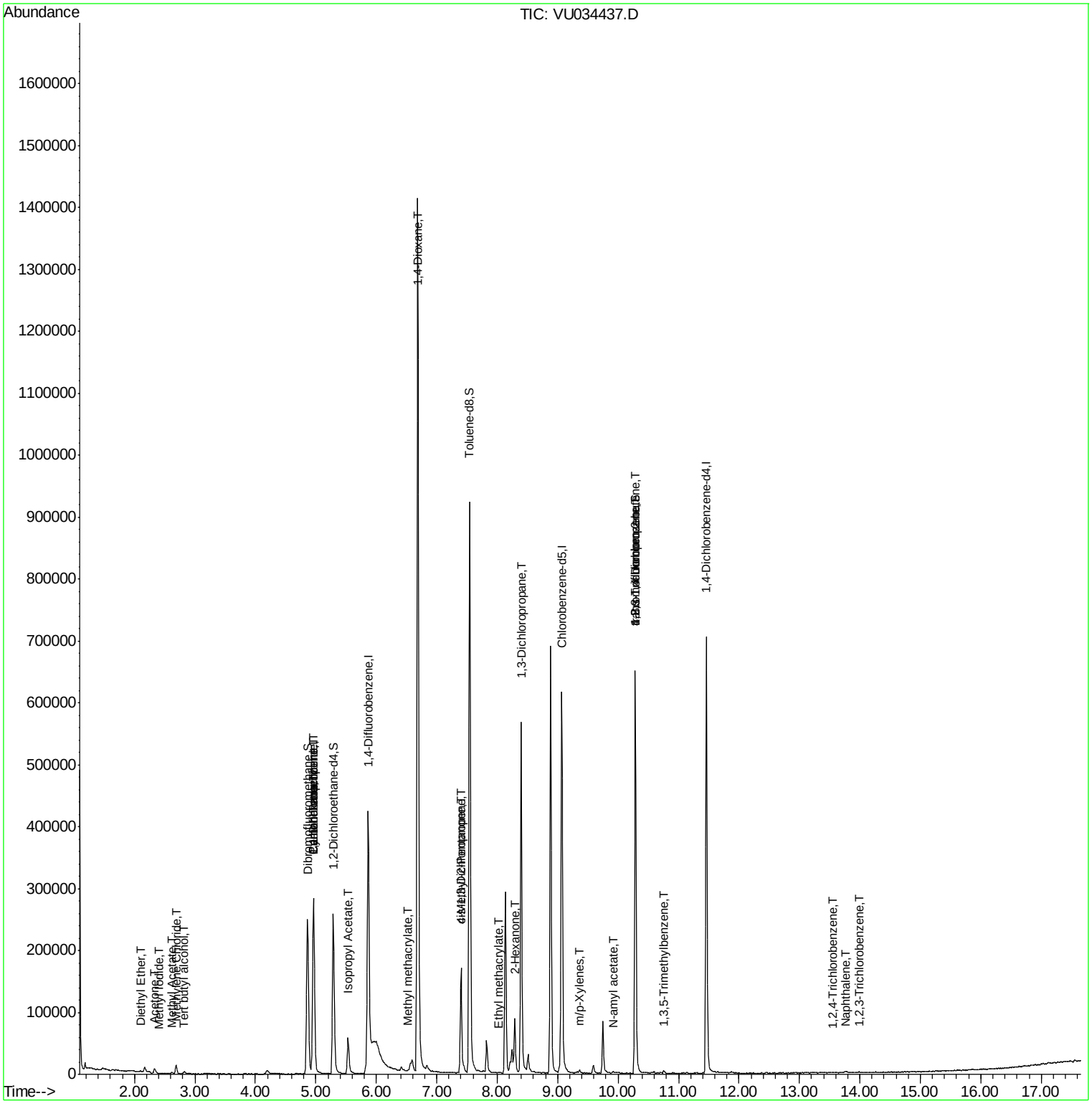
(#) = qualifier out of range (m) = manual integration (+) = signals summed

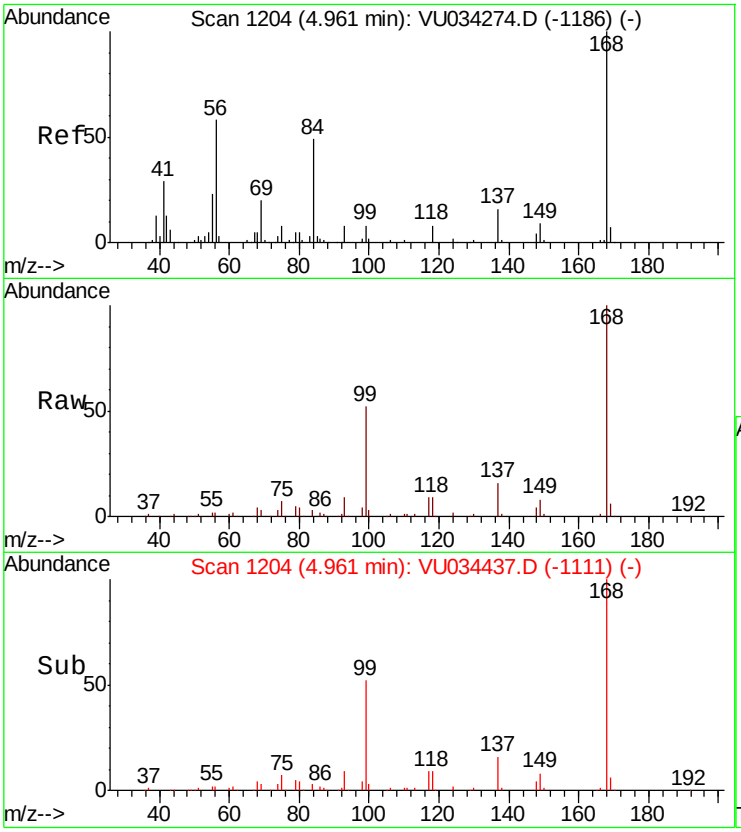
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091019\
Data File : VU034437.D
Acq On : 10 Sep 2019 09:46
Operator : JC/SP
Sample : PB122930TB
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PB122930TB

Quant Time: Sep 11 05:51:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U090619W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 06 05:10:13 2019
Response via : Initial Calibration



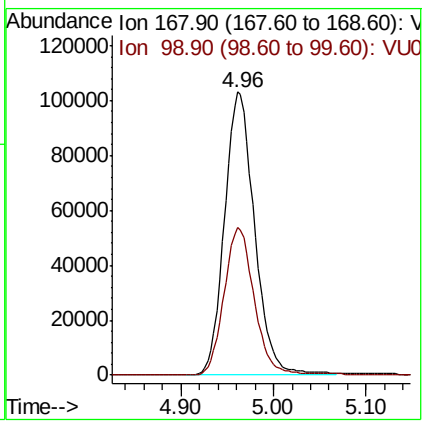


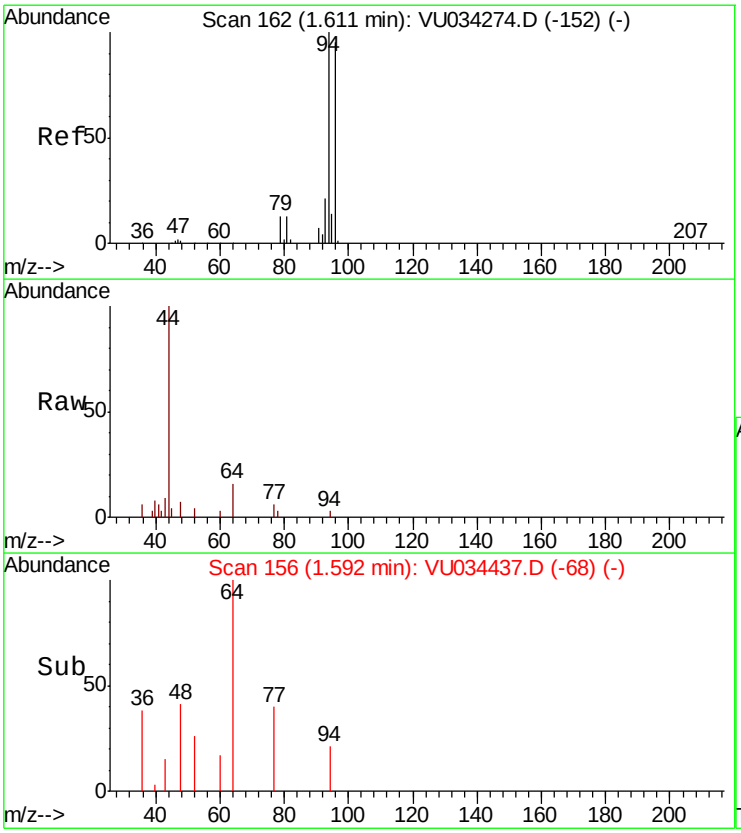
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.96 min Scan# 1204
Delta R.T. -0.00 min
Lab File: VU034437.D
Acq: 10 Sep 2019 09:46

Instrument :
MSVOA_U
ClientSampleId :
PB122930TB

Tgt Ion:168 Resp: 232190

Ion	Ratio	Lower	Upper
168	100		
99	52.0	41.6	62.4

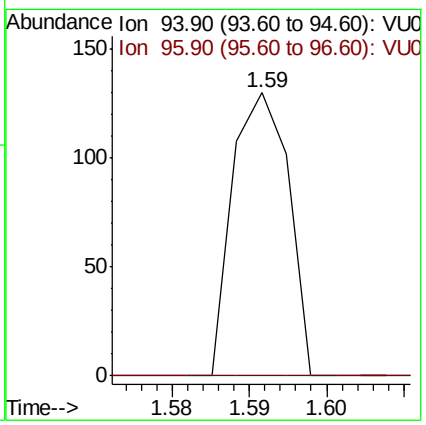


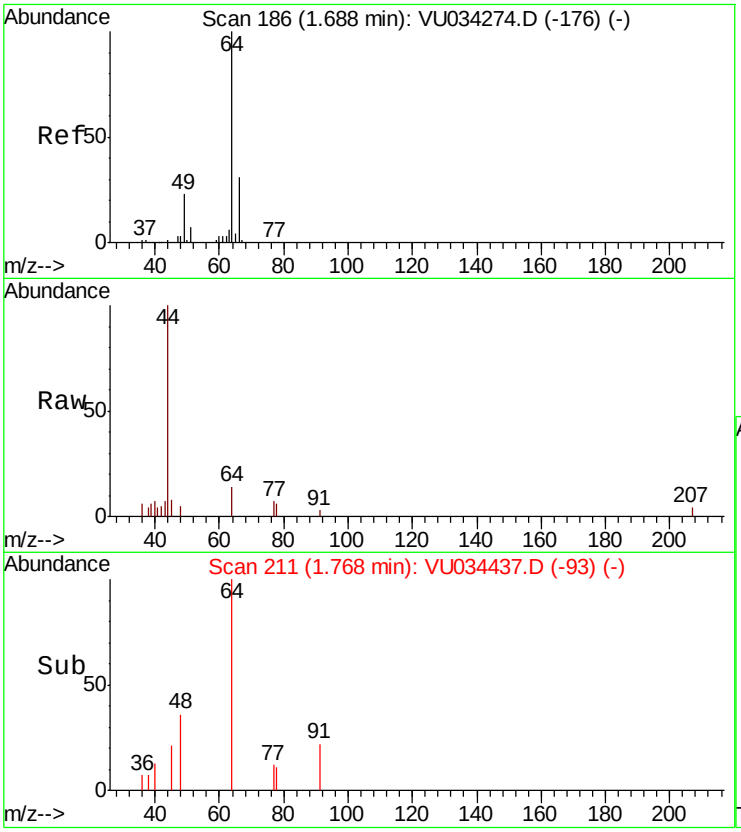


#5
Bromomethane
Concen: Below Cal
RT: 1.59 min Scan# 156
Delta R.T. -0.02 min
Lab File: VU034437.D
Acq: 10 Sep 2019 09:46

Tgt Ion: 94 Resp: 66

Ion	Ratio	Lower	Upper
94	100		
96	0.0	75.7	113.5#



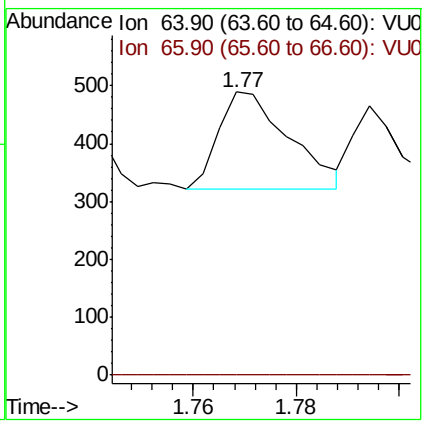


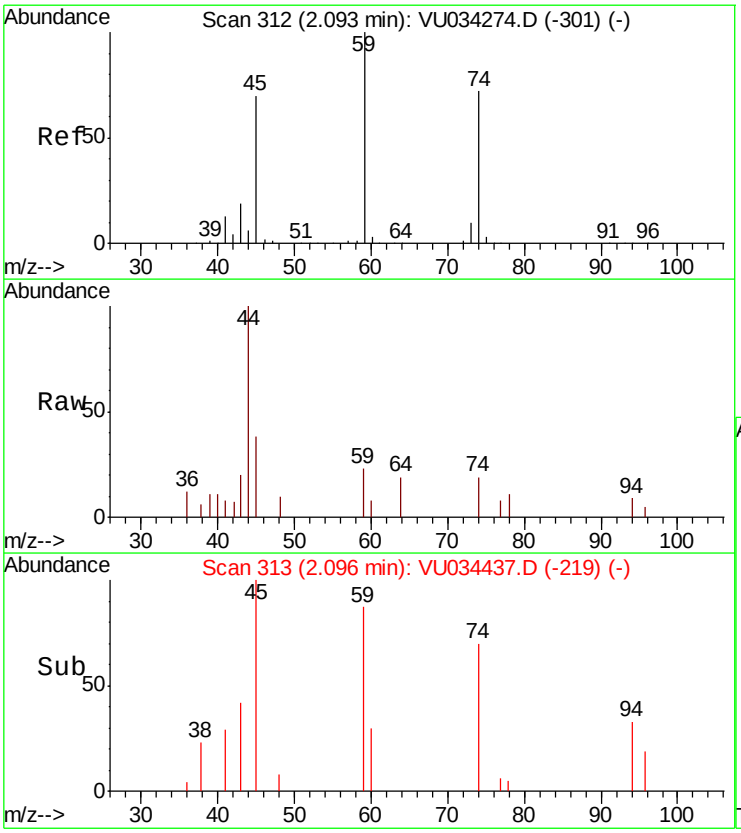
#6
Chloroethane
Concen: Below Cal
RT: 1.77 min Scan# 211
Delta R.T. 0.08 min
Lab File: VU034437.D
Acq: 10 Sep 2019 09:46

Instrument : MSVOA_U
ClientSampleId : PB122930TB

Tgt Ion: 64 Resp: 157

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.0	37.6#

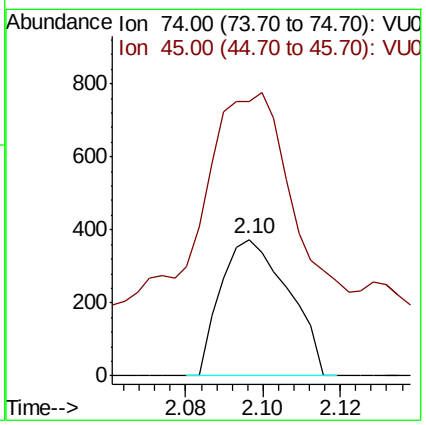


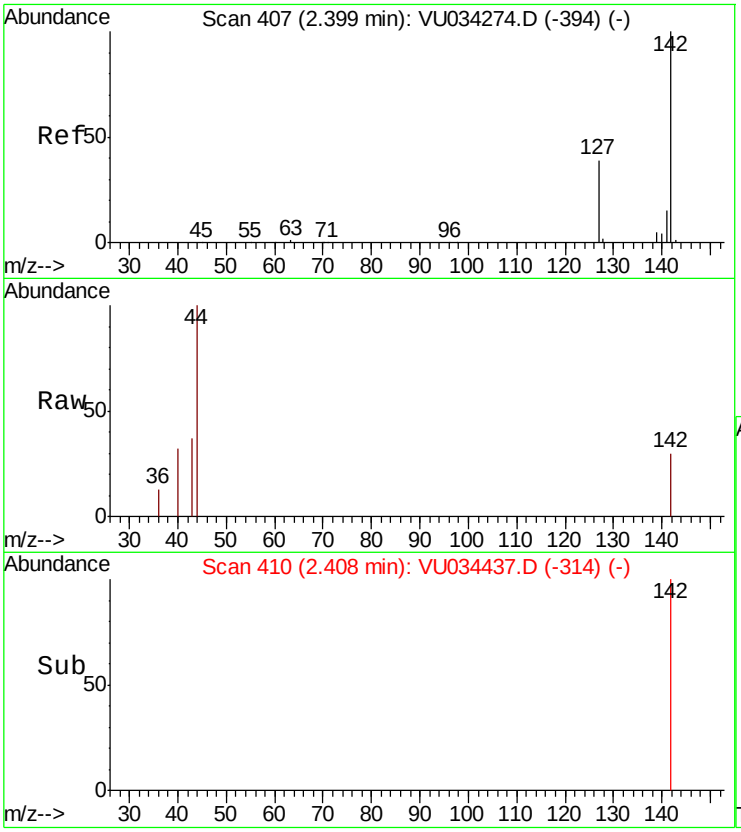


#8
Diethyl Ether
Concen: 0.255 ug/l
RT: 2.10 min Scan# 313
Delta R.T. 0.00 min
Lab File: VU034437.D
Acq: 10 Sep 2019 09:46

Tgt Ion: 74 Resp: 455

Ion	Ratio	Lower	Upper
74	100		
45	186.2	48.2	144.6#



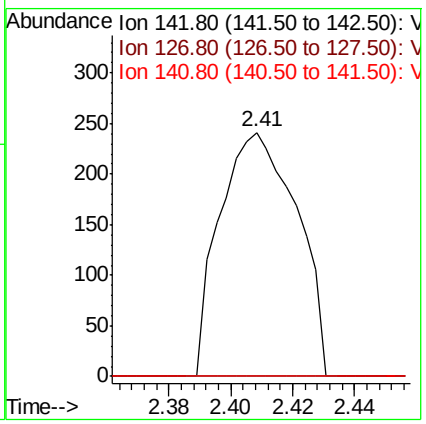


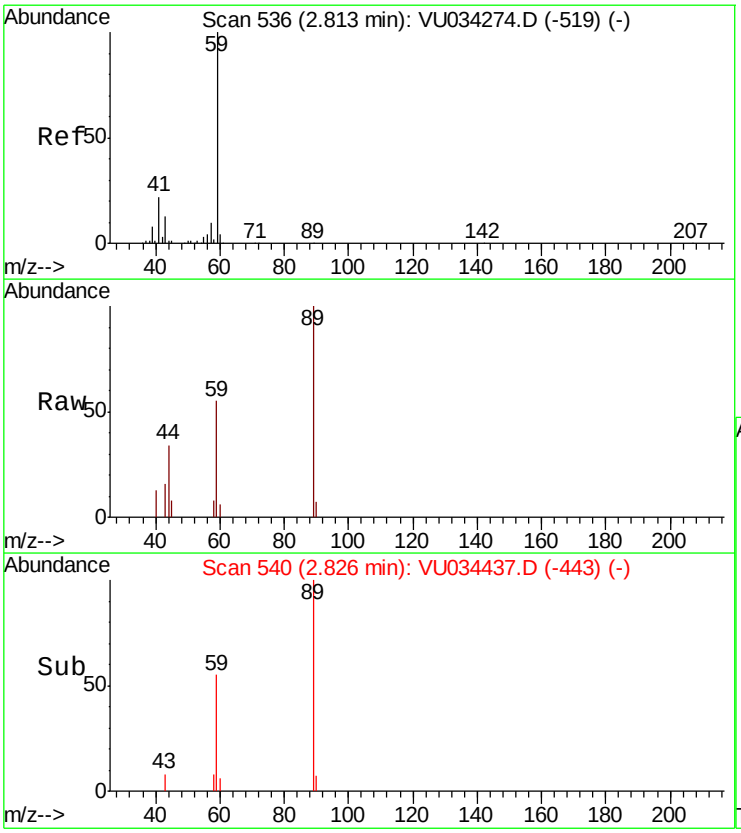
#10
Methyl Iodide
Concen: 4.003 ug/l
RT: 2.41 min Scan# 410
Delta R.T. 0.01 min
Lab File: VU034437.D
Acq: 10 Sep 2019 09:46

Instrument : MSVOA_U
ClientSampleId : PB122930TB

Tgt Ion:142 Resp: 418

Ion	Ratio	Lower	Upper
142	100		
127	0.0	32.1	48.1#
141	0.0	11.5	17.3#

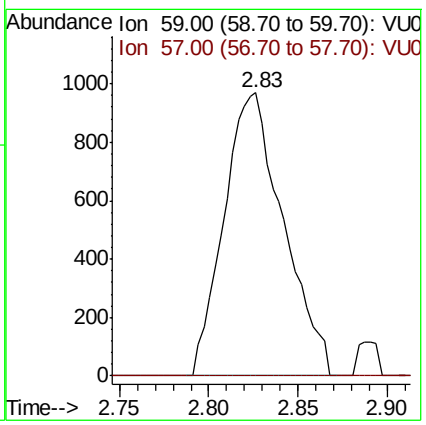


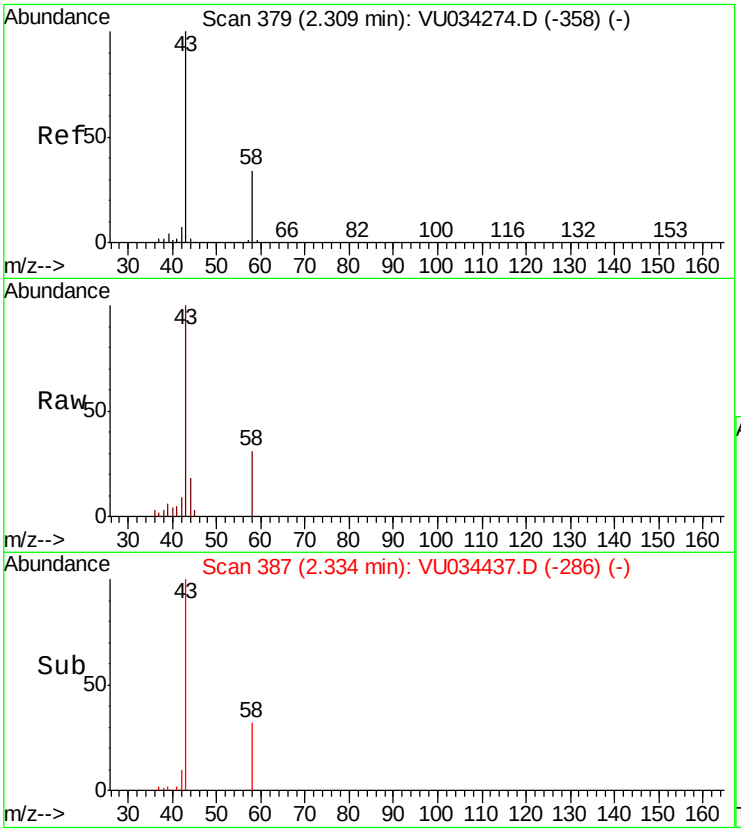


#11
Tert butyl alcohol
Concen: 3.025 ug/l
RT: 2.83 min Scan# 540
Delta R.T. 0.01 min
Lab File: VU034437.D
Acq: 10 Sep 2019 09:46

Tgt Ion: 59 Resp: 2245

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.9	11.9#



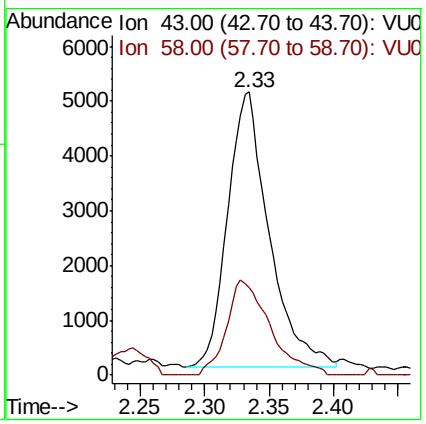


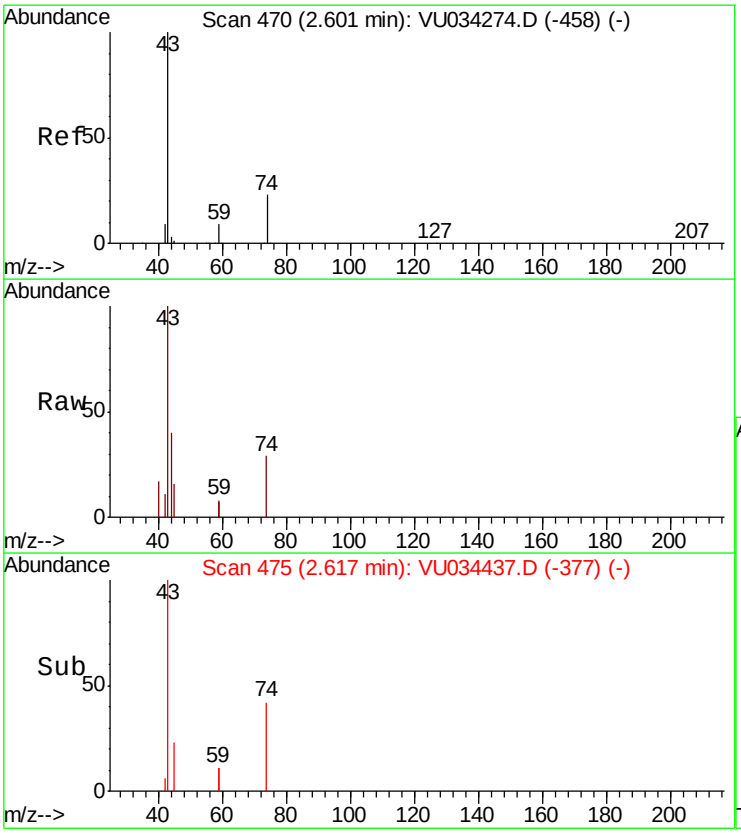
#16
Acetone
Concen: 6.139 ug/l
RT: 2.33 min Scan# 387
Delta R.T. 0.03 min
Lab File: VU034437.D
Acq: 10 Sep 2019 09:46

Instrument : MSVOA_U
ClientSampleId : PB122930TB

Tgt Ion: 43 Resp: 11160

Ion	Ratio	Lower	Upper
43	100		
58	31.8	27.6	41.4

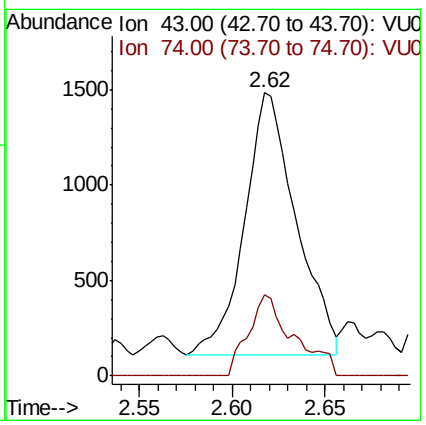


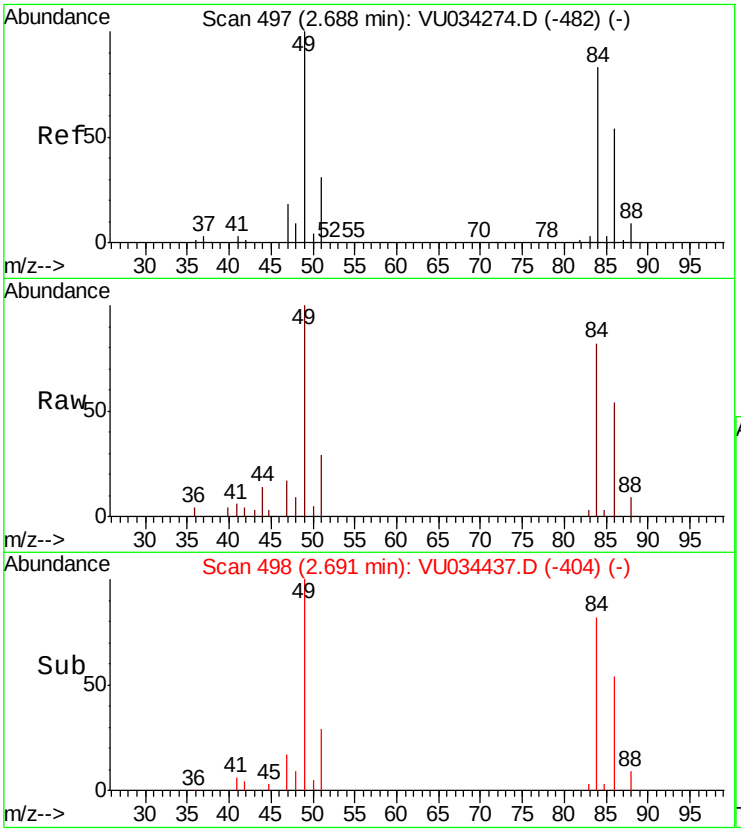


#18
Methyl Acetate
Concen: 0.607 ug/l
RT: 2.62 min Scan# 475
Delta R.T. 0.02 min
Lab File: VU034437.D
Acq: 10 Sep 2019 09:46

Tgt Ion: 43 Resp: 2684

Ion	Ratio	Lower	Upper
43	100		
74	26.8	18.9	28.3



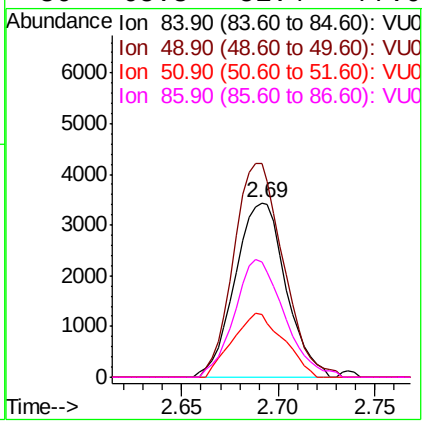


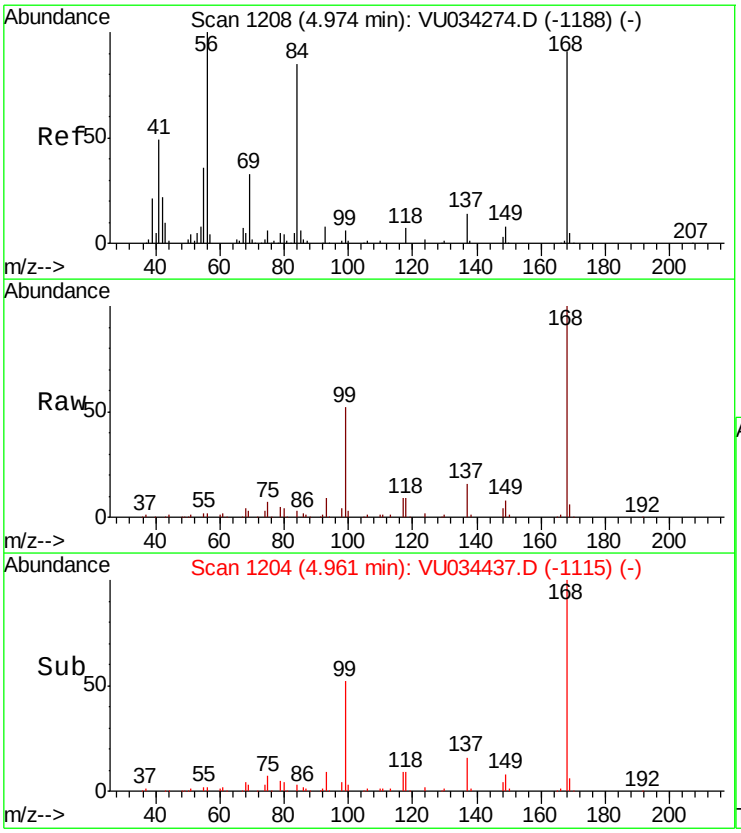
#20
Methylene Chloride
Concen: 1.724 ug/l
RT: 2.69 min Scan# 498
Delta R.T. 0.00 min
Lab File: VU034437.D
Acq: 10 Sep 2019 09:46

Instrument :
MSVOA_U
ClientSampleId :
PB122930TB

Tgt Ion: 84 Resp: 6282

Ion	Ratio	Lower	Upper
84	100		
49	122.4	96.0	144.0
51	35.9	30.0	45.0
86	65.8	51.4	77.0

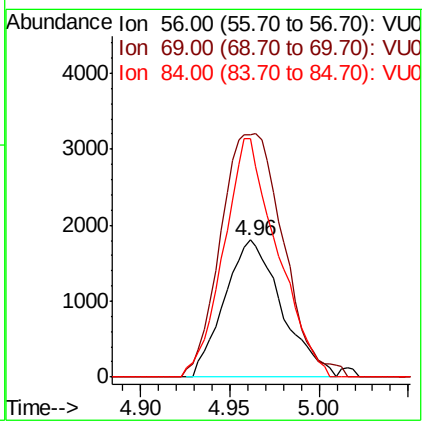


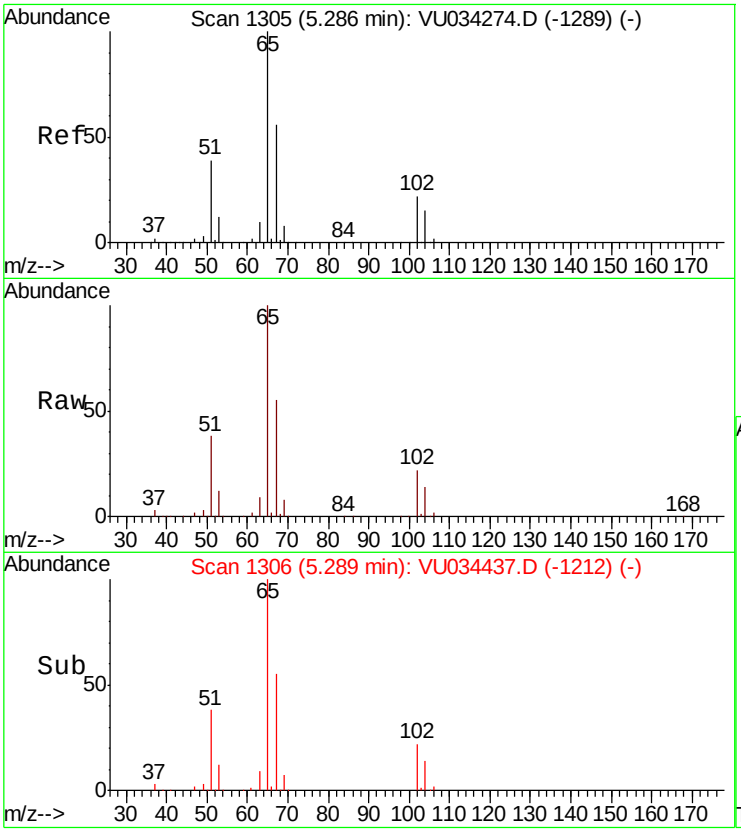


#31
Cyclohexane
Concen: 0.979 ug/l
RT: 4.96 min Scan# 1204
Delta R.T. -0.01 min
Lab File: VU034437.D
Acq: 10 Sep 2019 09:46

Tgt Ion: 56 Resp: 4027

Ion	Ratio	Lower	Upper
56	100		
69	171.4	26.7	40.1#
84	173.6	68.2	102.4#



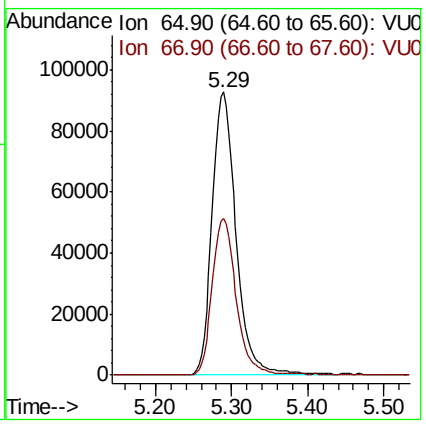


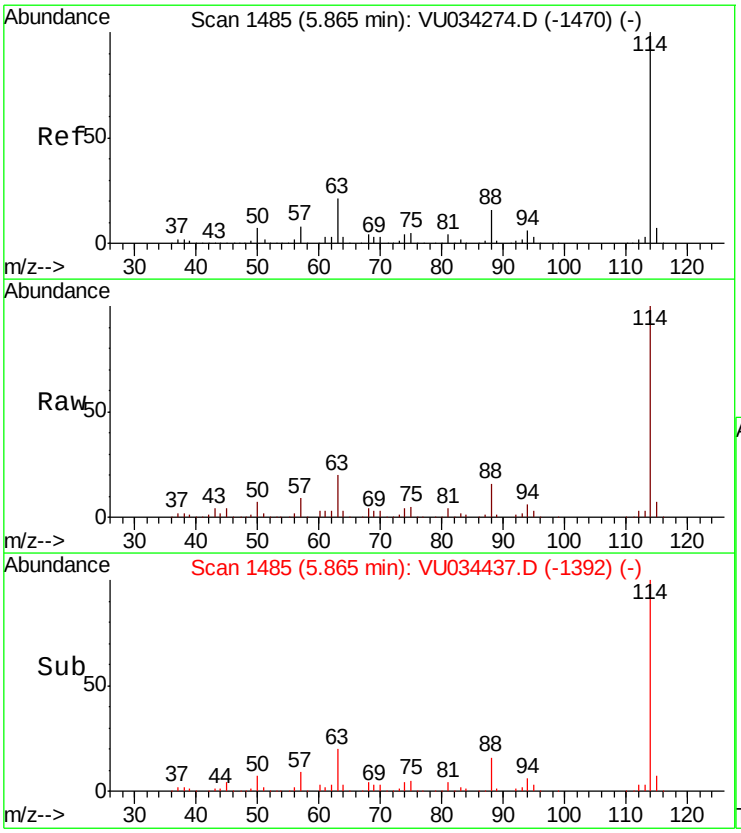
#33
1,2-Dichloroethane-d4
Concen: 57.884 ug/l
RT: 5.29 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU034437.D
Acq: 10 Sep 2019 09:46

Instrument :
MSVOA_U
ClientSampleId :
PB122930TB

Tgt Ion: 65 Resp: 203353

Ion	Ratio	Lower	Upper
65	100		
67	55.2	0.0	112.4

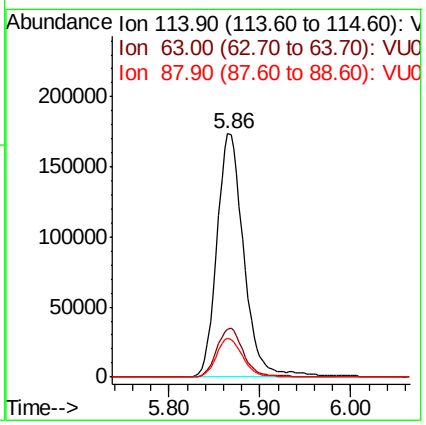


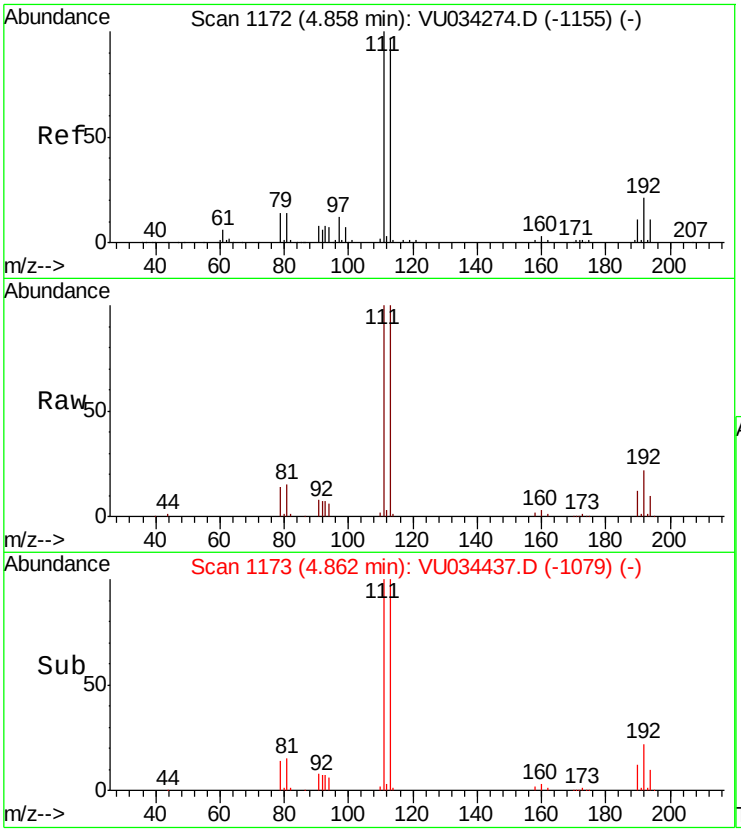


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.86 min Scan# 1485
Delta R.T. -0.00 min
Lab File: VU034437.D
Acq: 10 Sep 2019 09:46

Tgt Ion:114 Resp: 358091

Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	42.4
88	15.8	0.0	32.4



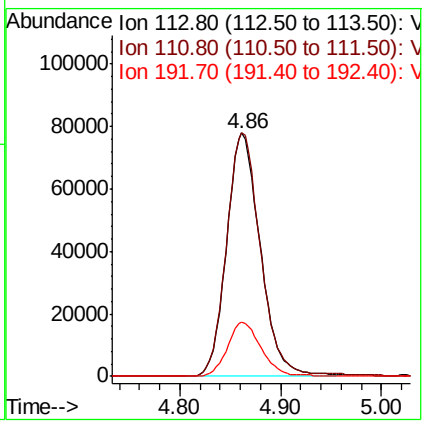


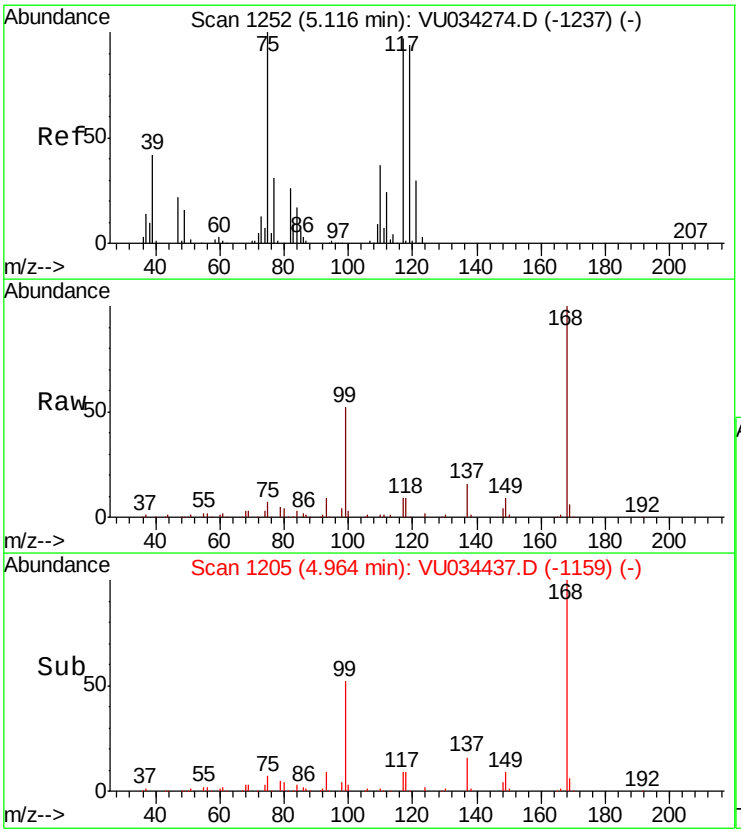
#35
Dibromofluoromethane
Concen: 54.281 ug/l
RT: 4.86 min Scan# 1173
Delta R.T. 0.00 min
Lab File: VU034437.D
Acq: 10 Sep 2019 09:46

Instrument :
MSVOA_U
ClientSampleId :
PB122930TB

Tgt Ion:113 Resp: 180866

Ion	Ratio	Lower	Upper
113	100		
111	100.4	81.5	122.3
192	22.5	17.8	26.8

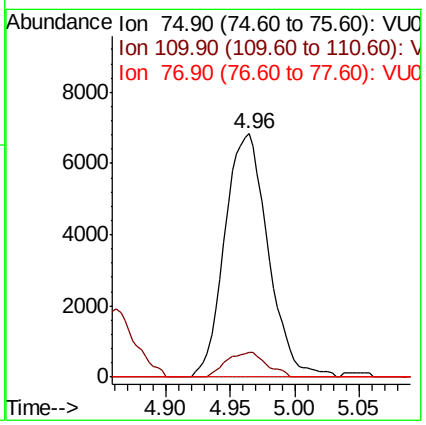


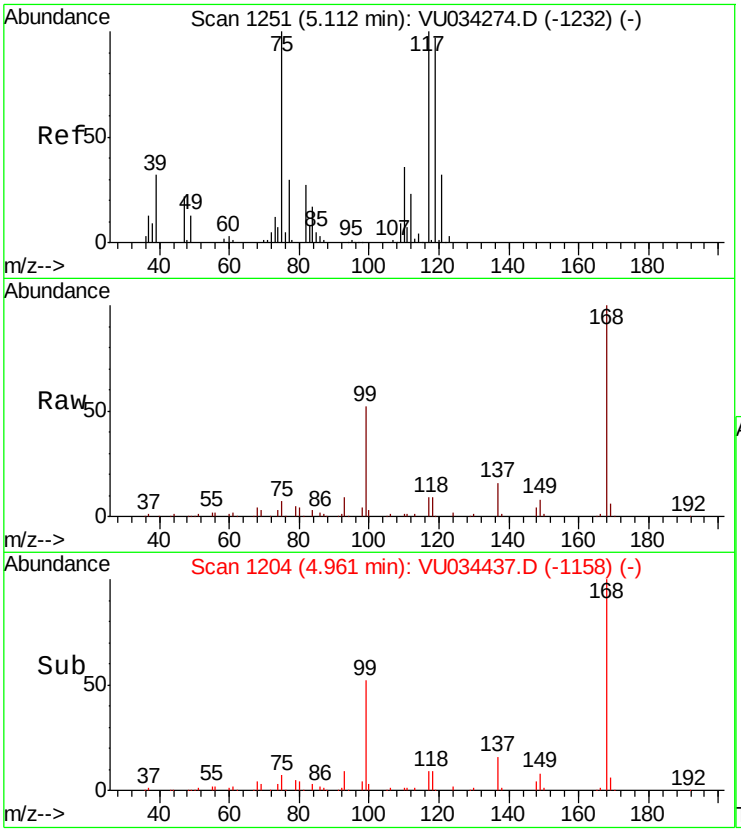


#36
1,1-Dichloropropene
Concen: 4.114 ug/l
RT: 4.96 min Scan# 1205
Delta R.T. -0.15 min
Lab File: VU034437.D
Acq: 10 Sep 2019 09:46

Tgt Ion: 75 Resp: 15977

Ion	Ratio	Lower	Upper
75	100		
110	9.3	18.3	54.9#
77	0.0	24.9	37.3#



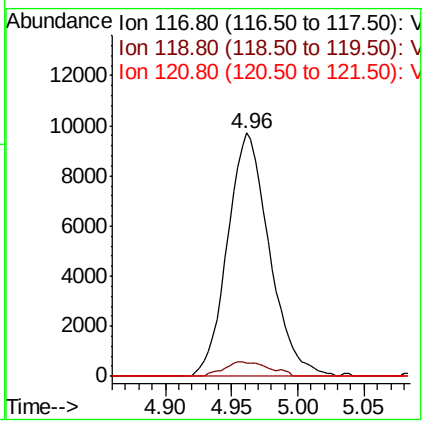


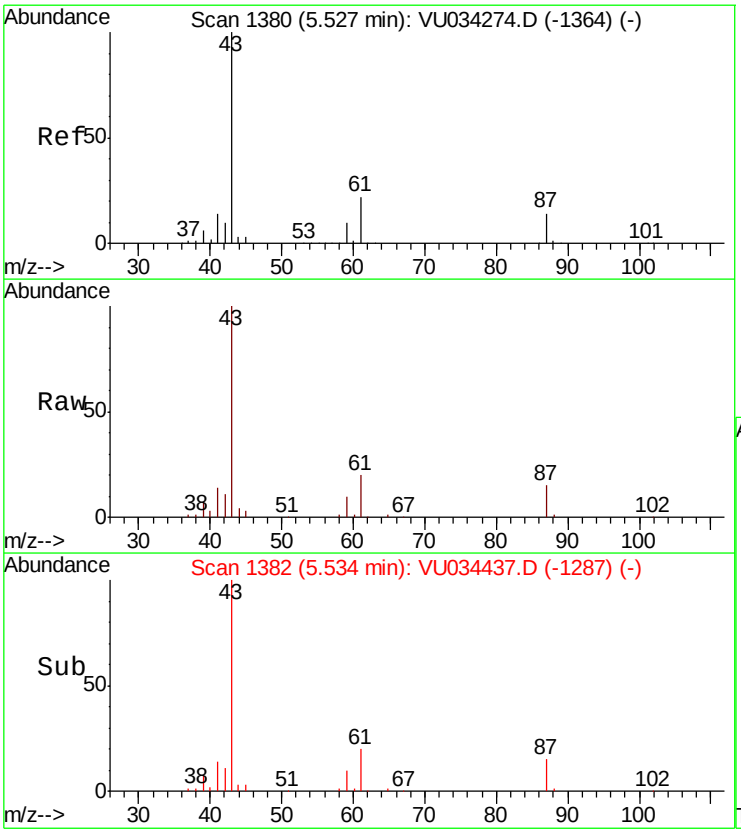
#38
Carbon Tetrachloride
Concen: 5.146 ug/l
RT: 4.96 min Scan# 1204
Delta R.T. -0.15 min
Lab File: VU034437.D
Acq: 10 Sep 2019 09:46

Instrument : MSVOA_U
ClientSampleId : PB122930TB

Tgt Ion:117 Resp: 21339

Ion	Ratio	Lower	Upper
117	100		
119	5.2	77.8	116.6#
121	0.0	25.2	37.8#

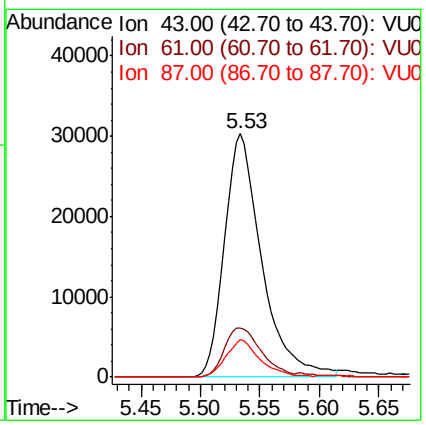


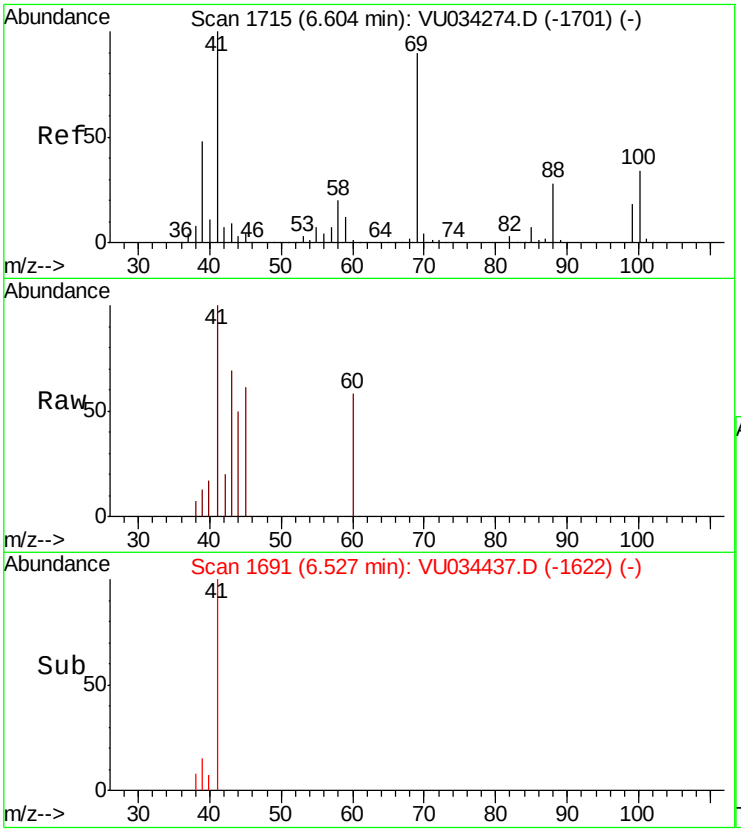


#43
Isopropyl Acetate
Concen: 9.208 ug/l
RT: 5.53 min Scan# 1382
Delta R.T. 0.01 min
Lab File: VU034437.D
Acq: 10 Sep 2019 09:46

Tgt Ion: 43 Resp: 65959

Ion	Ratio	Lower	Upper
43	100		
61	20.0	17.1	25.7
87	14.1	11.1	16.7



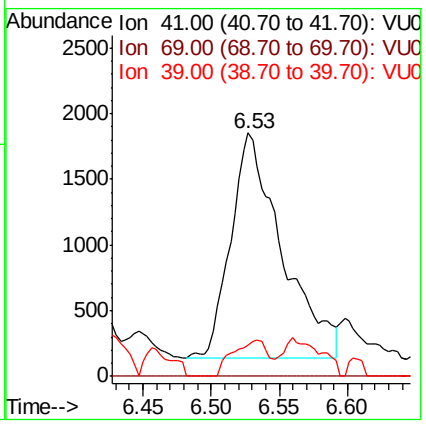


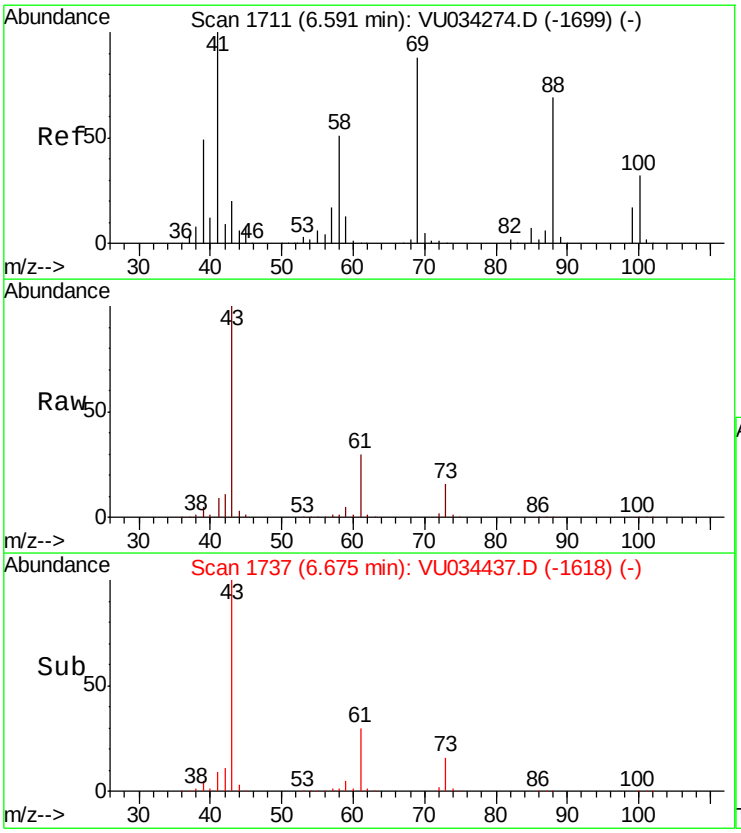
#48
Methyl methacrylate
Concen: 1.312 ug/l
RT: 6.53 min Scan# 1691
Delta R.T. -0.08 min
Lab File: VU034437.D
Acq: 10 Sep 2019 09:46

Instrument : MSVOA_U
ClientSampleId : PB122930TB

Tgt Ion: 41 Resp: 4465

Ion	Ratio	Lower	Upper
41	100		
69	0.0	72.8	109.2#
39	0.0	38.6	58.0#

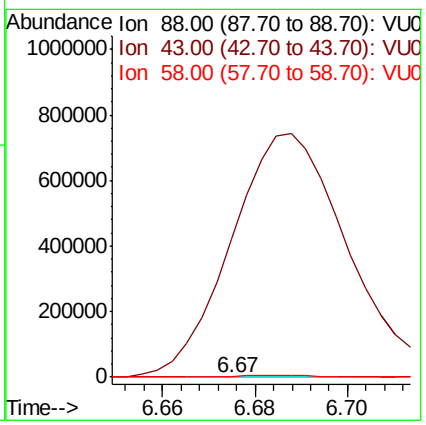


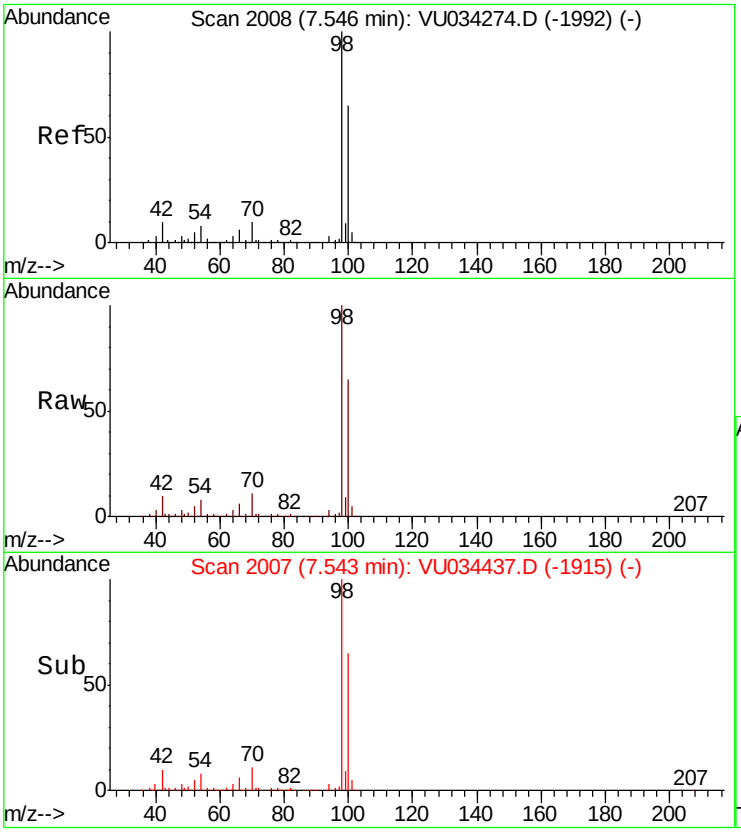


#49
1,4-Dioxane
Concen: 2.450 ug/l
RT: 6.67 min Scan# 1737
Delta R.T. 0.08 min
Lab File: VU034437.D
Acq: 10 Sep 2019 09:46

Tgt Ion: 88 Resp: 182

Ion	Ratio	Lower	Upper
88	100		
43	737317.6	23.8	35.6#
58	4431.3	58.4	87.6#



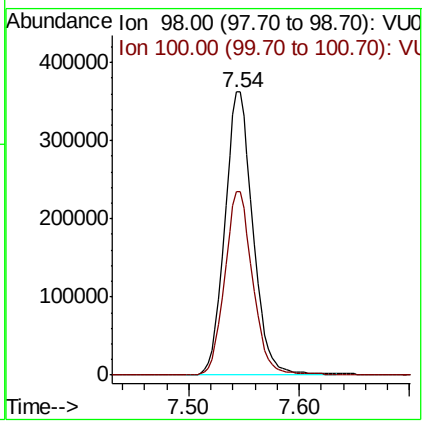


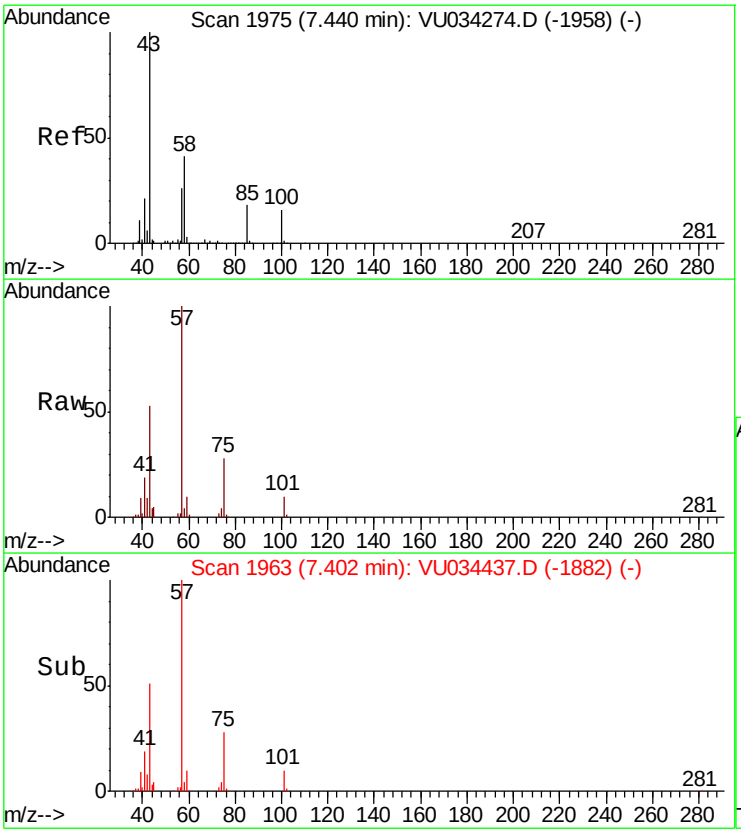
#50
Toluene-d8
Concen: 51.092 ug/l
RT: 7.54 min Scan# 2007
Delta R.T. -0.00 min
Lab File: VU034437.D
Acq: 10 Sep 2019 09:46

Instrument :
MSVOA_U
ClientSampleId :
PB122930TB

Tgt Ion: 98 Resp: 639598

Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.7	77.5

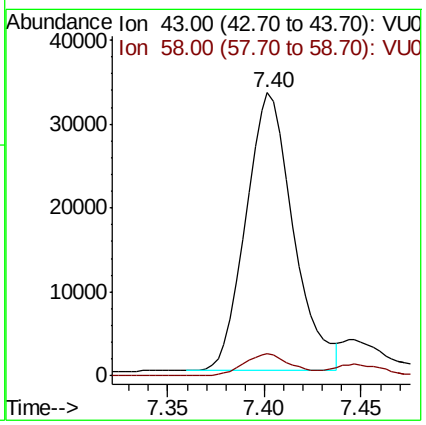


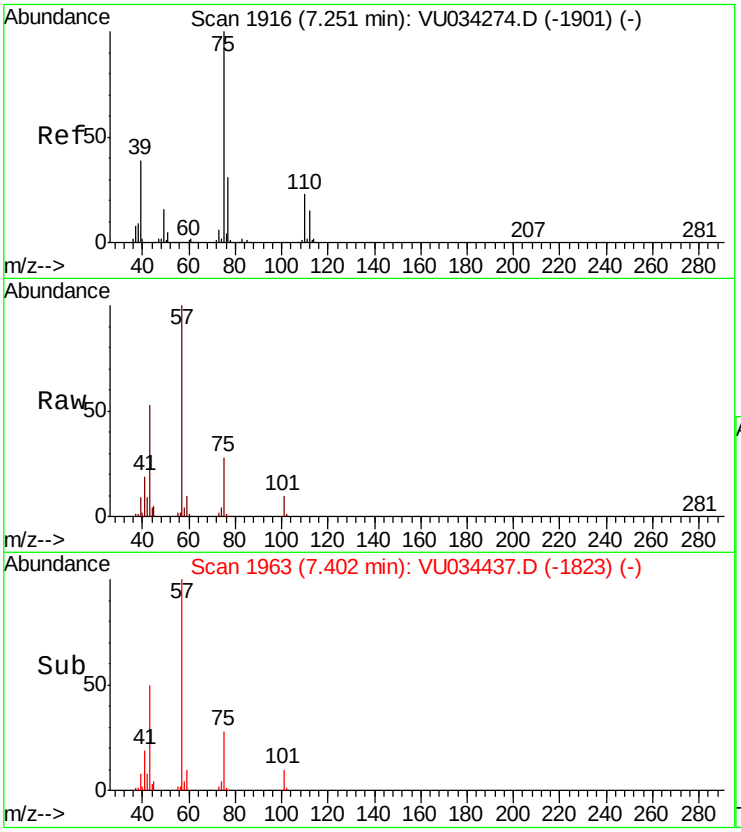


#51
4-Methyl-2-Pentanone
Concen: 11.403 ug/l
RT: 7.40 min Scan# 1963
Delta R.T. -0.04 min
Lab File: VU034437.D
Acq: 10 Sep 2019 09:46

Tgt Ion: 43 Resp: 56539

Ion	Ratio	Lower	Upper
43	100		
58	8.0	33.0	49.4#



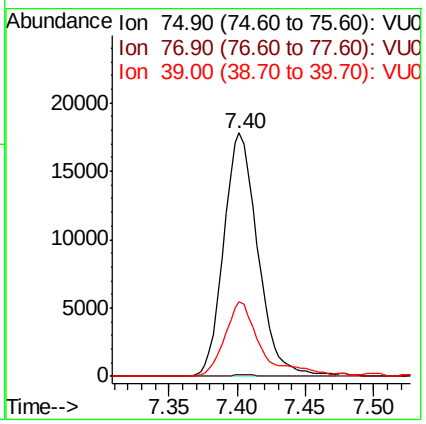


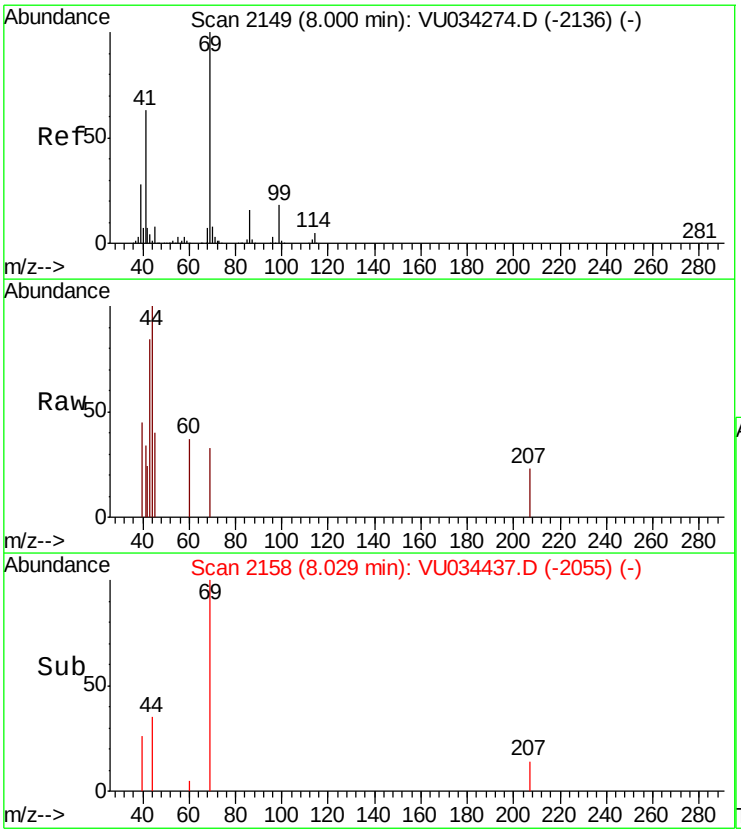
#54
cis-1,3-Dichloropropene
Concen: 5.761 ug/l
RT: 7.40 min Scan# 1963
Delta R.T. 0.15 min
Lab File: VU034437.D
Acq: 10 Sep 2019 09:46

Instrument : MSVOA_U
ClientSampleId : PB122930TB

Tgt Ion: 75 Resp: 31027

Ion	Ratio	Lower	Upper
75	100		
77	0.8	25.1	37.7#
39	30.8	31.2	46.8#

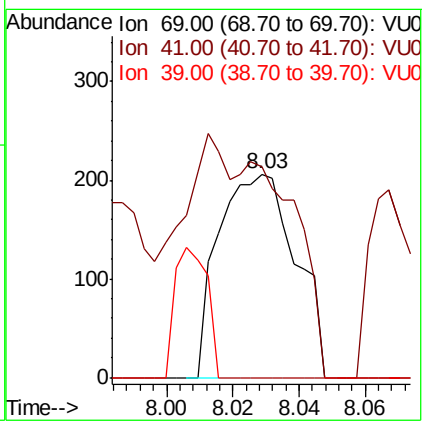


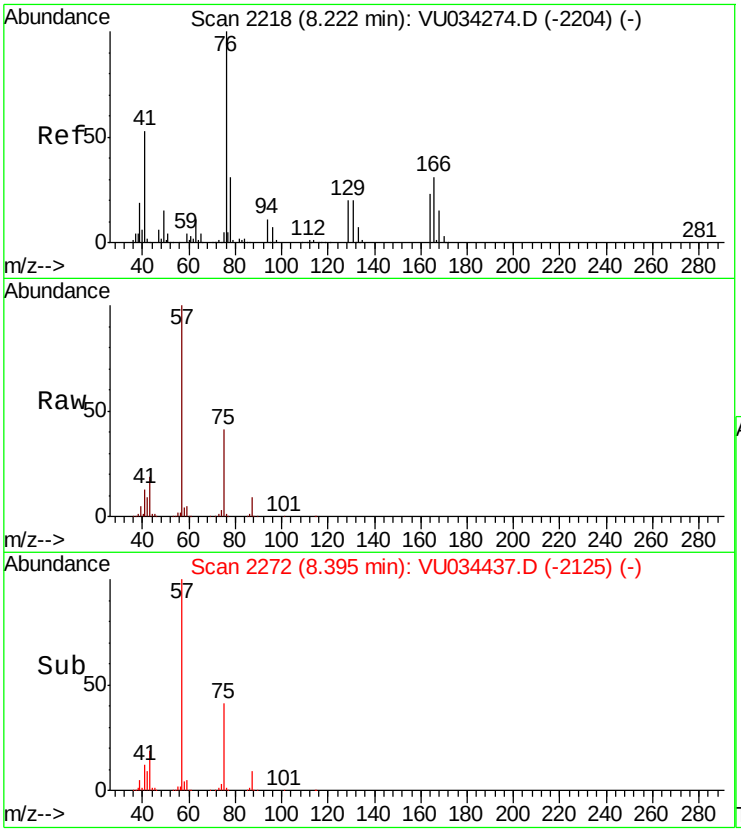


#56
Ethyl methacrylate
Concen: 3.134 ug/l
RT: 8.03 min Scan# 2158
Delta R.T. 0.03 min
Lab File: VU034437.D
Acq: 10 Sep 2019 09:46

Tgt Ion: 69 Resp: 332

Ion	Ratio	Lower	Upper
69	100		
41	0.0	49.5	74.3#
39	0.0	22.5	33.7#



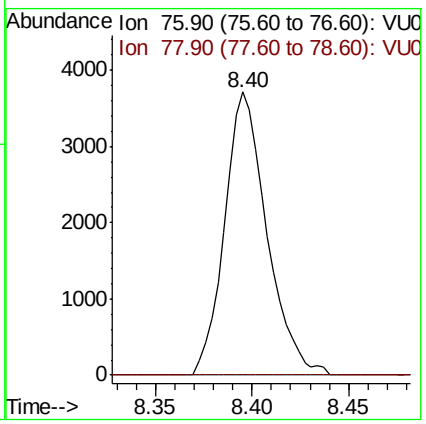


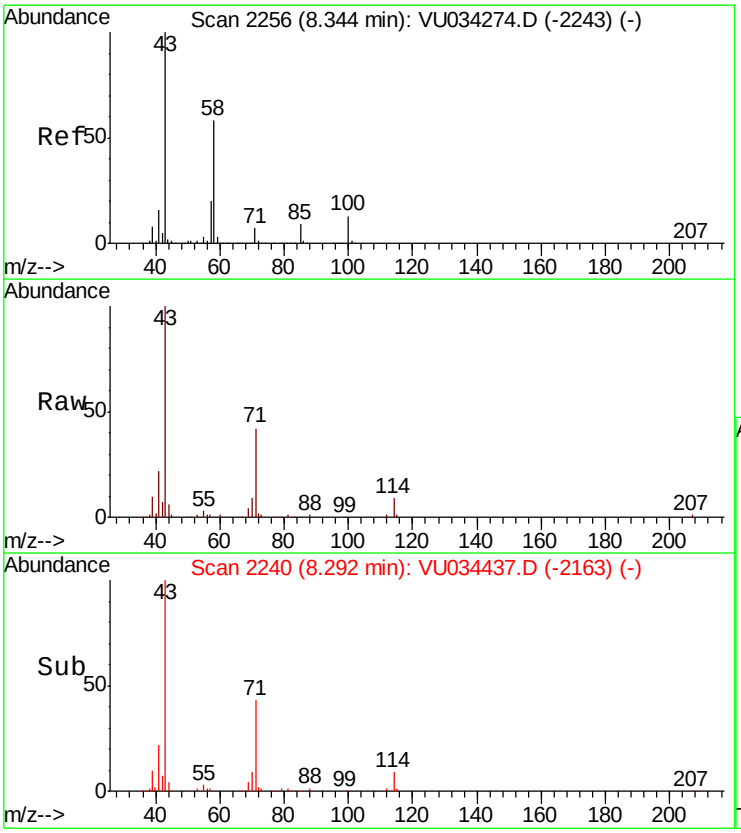
#57
1,3-Dichloropropane
Concen: 0.968 ug/l
RT: 8.40 min Scan# 2272
Delta R.T. 0.17 min
Lab File: VU034437.D
Acq: 10 Sep 2019 09:46

Instrument : MSVOA_U
ClientSampleId : PB122930TB

Tgt Ion: 76 Resp: 5628

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.4	38.2#

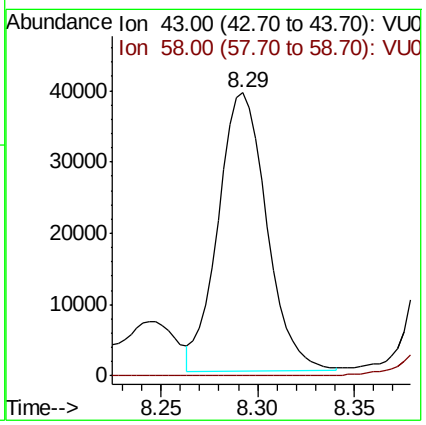


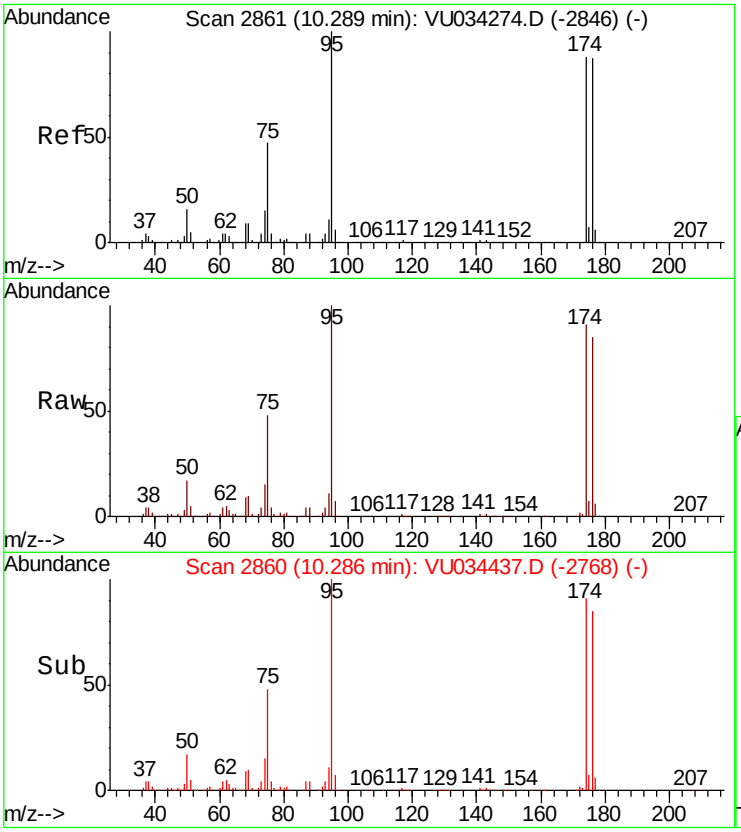


#59
2-Hexanone
Concen: 18.353 ug/l
RT: 8.29 min Scan# 2240
Delta R.T. -0.05 min
Lab File: VU034437.D
Acq: 10 Sep 2019 09:46

Tgt Ion: 43 Resp: 67978

Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.8	86.5#



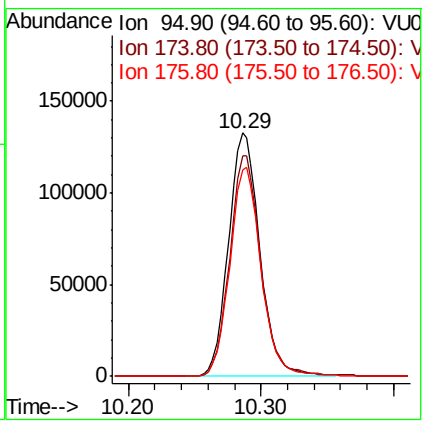


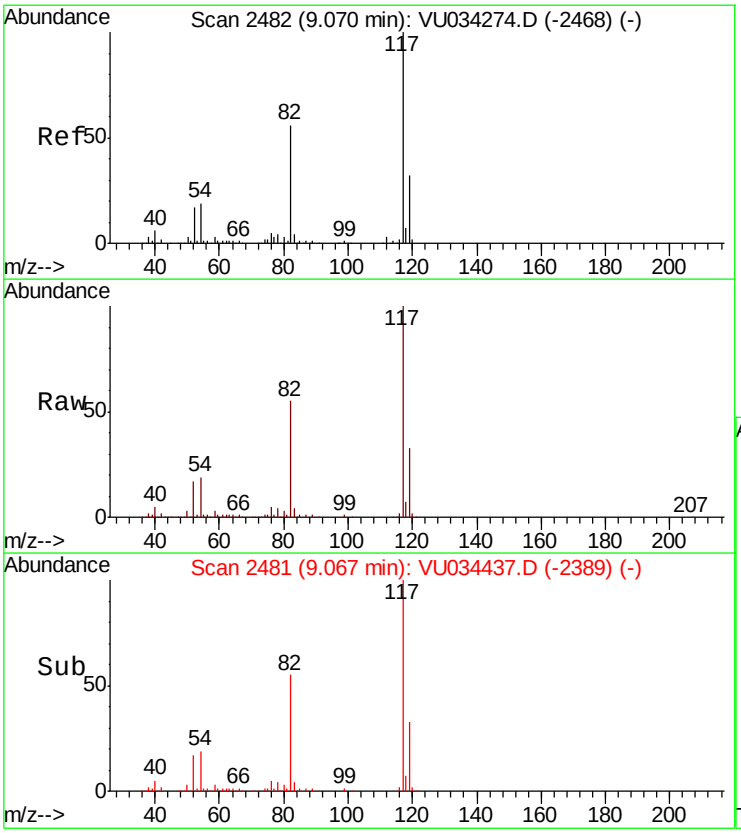
#62
4-Bromofluorobenzene
Concen: 45.132 ug/l
RT: 10.29 min Scan# 2860
Delta R.T. -0.00 min
Lab File: VU034437.D
Acq: 10 Sep 2019 09:46

Instrument :
MSVOA_U
ClientSampleId :
PB122930TB

Tgt Ion: 95 Resp: 218138

Ion	Ratio	Lower	Upper
95	100		
174	90.8	0.0	175.2
176	85.5	0.0	168.0

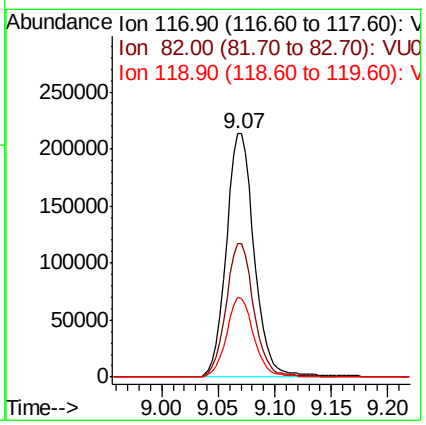


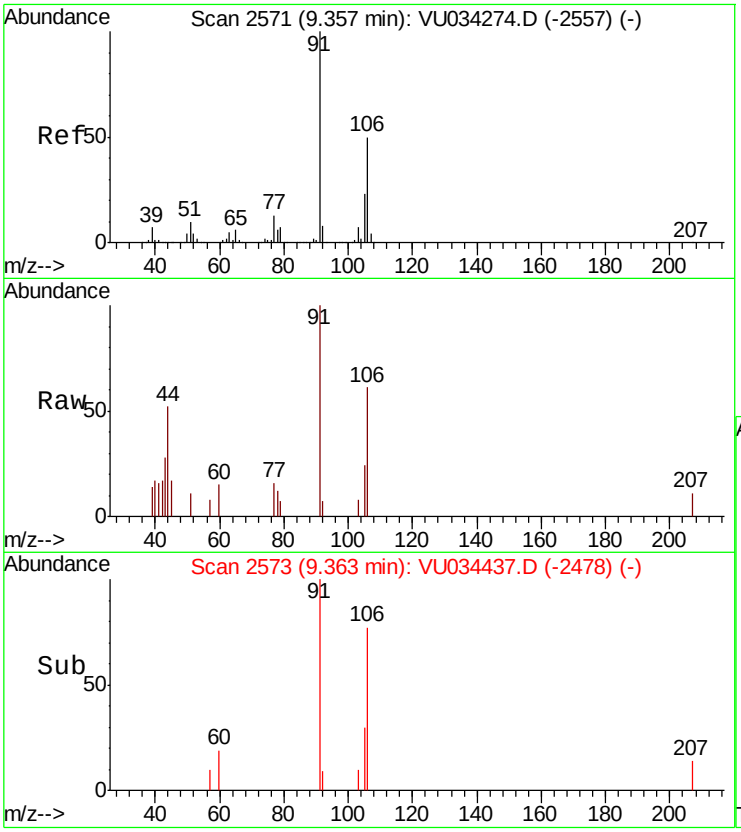


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2481
Delta R.T. -0.00 min
Lab File: VU034437.D
Acq: 10 Sep 2019 09:46

Tgt Ion:117 Resp: 368105

Ion	Ratio	Lower	Upper
117	100		
82	54.8	44.6	67.0
119	32.6	25.9	38.9



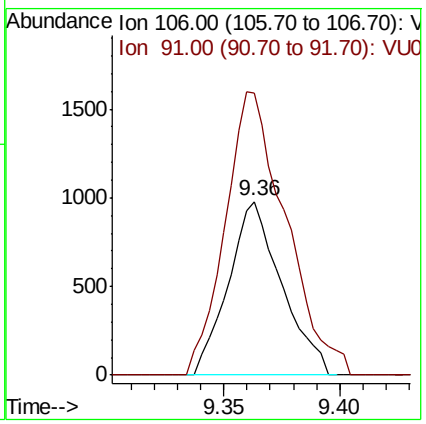


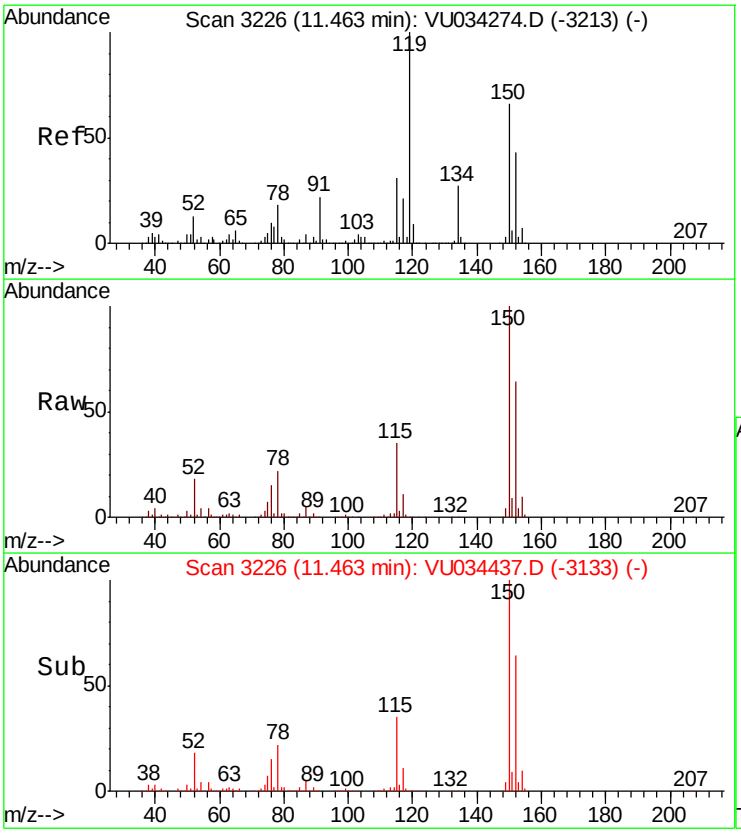
#68
m/p-Xylenes
Concen: 0.271 ug/l
RT: 9.36 min Scan# 2573
Delta R.T. 0.01 min
Lab File: VU034437.D
Acq: 10 Sep 2019 09:46

Instrument :
MSVOA_U
ClientSampleId :
PB122930TB

Tgt Ion:106 Resp: 1558

Ion	Ratio	Lower	Upper
106	100		
91	185.6	160.1	240.1

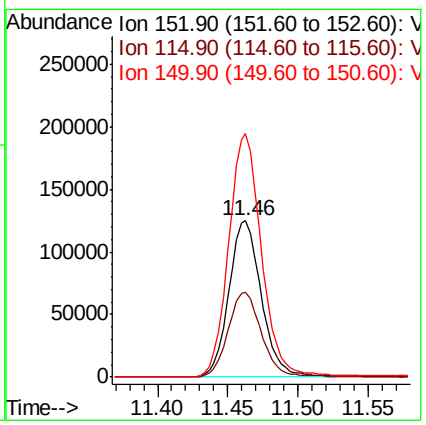


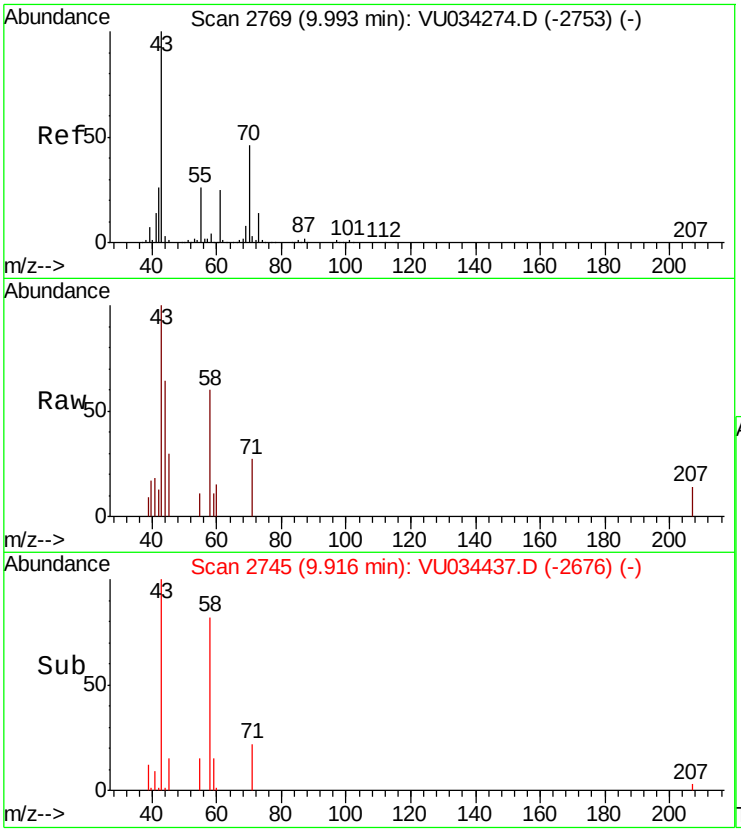


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.46 min Scan# 3226
Delta R.T. -0.00 min
Lab File: VU034437.D
Acq: 10 Sep 2019 09:46

Tgt Ion:152 Resp: 202472

Ion	Ratio	Lower	Upper
152	100		
115	55.7	39.1	117.3
150	157.8	0.0	345.4



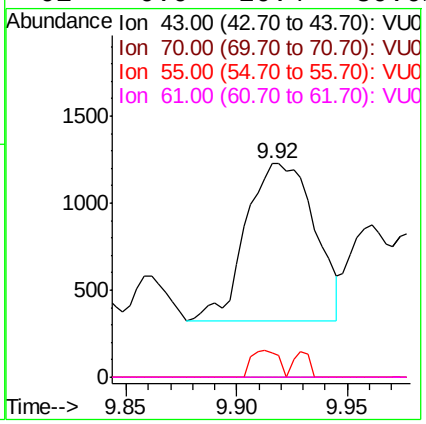


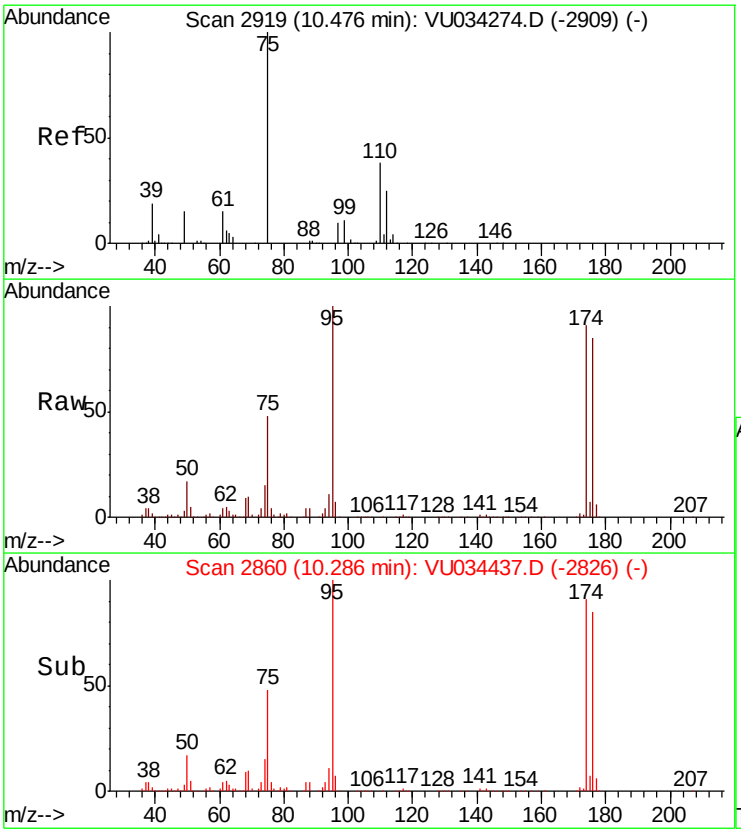
#74
N-amyl acetate
Concen: 0.372 ug/l
RT: 9.92 min Scan# 2745
Delta R.T. -0.08 min
Lab File: VU034437.D
Acq: 10 Sep 2019 09:46

Instrument : MSVOA_U
ClientSampleId : PB122930TB

Tgt Ion: 43 Resp: 1972

Ion	Ratio	Lower	Upper
43	100		
70	0.0	36.4	54.6#
55	6.6	21.2	31.8#
61	0.0	20.4	30.6#

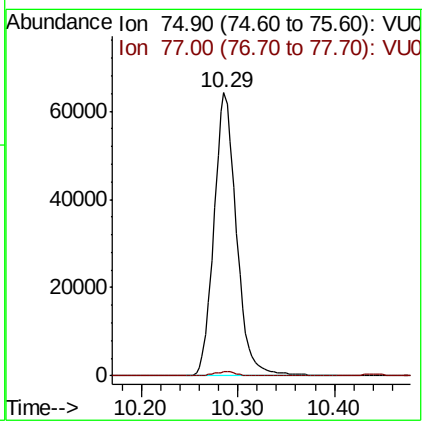


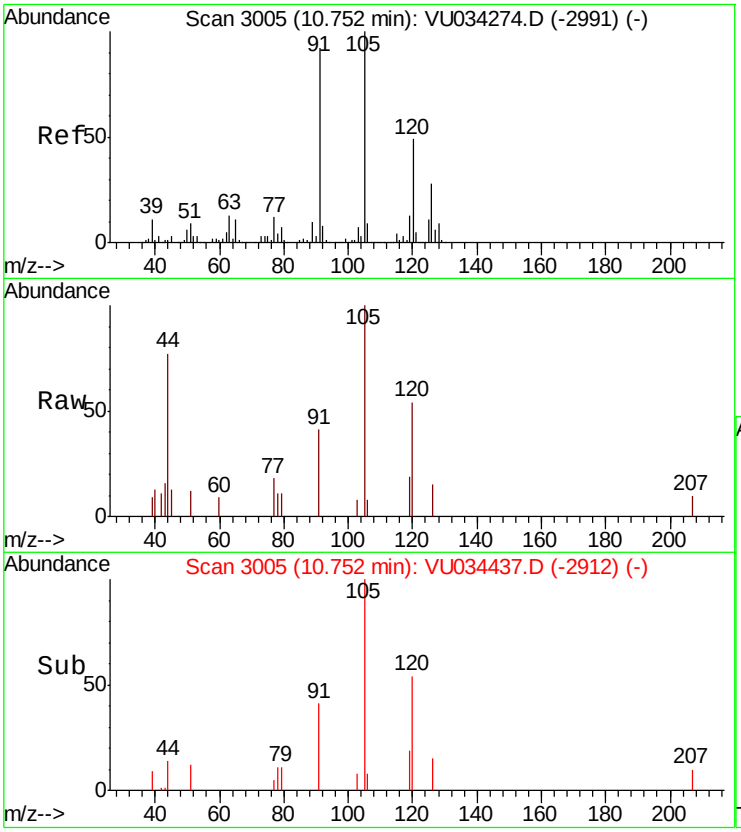


#76
1,2,3-Trichloropropane
Concen: 23.512 ug/l
RT: 10.29 min Scan# 2860
Delta R.T. -0.19 min
Lab File: VU034437.D
Acq: 10 Sep 2019 09:46

Tgt Ion: 75 Resp: 103912

Ion	Ratio	Lower	Upper
75	100		
77	1.5	20.8	62.2#



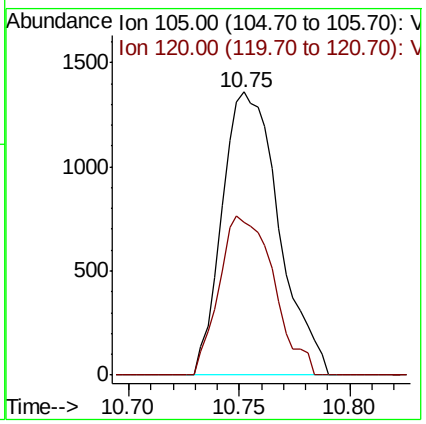


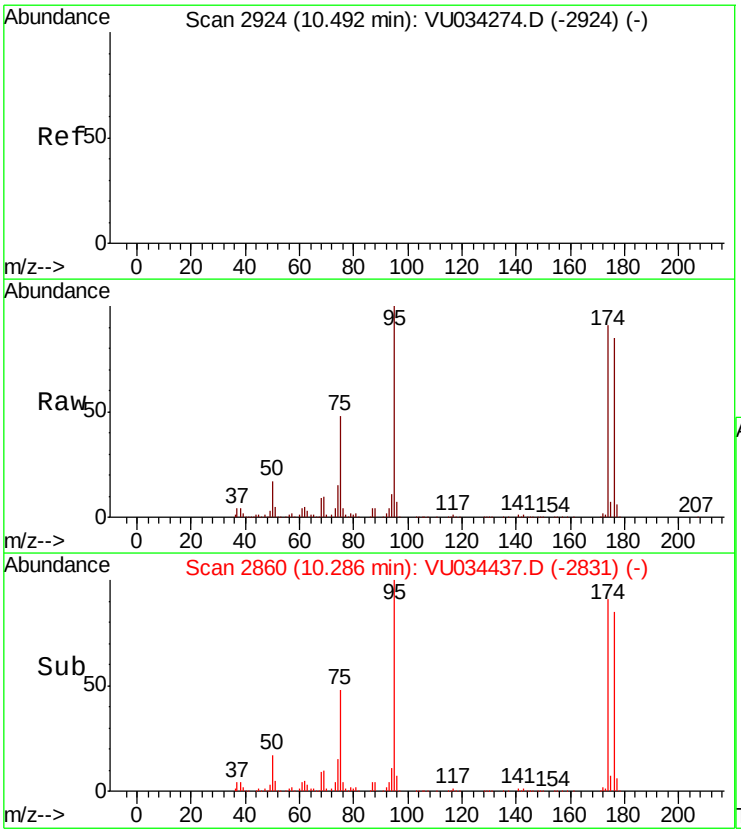
#80
1,3,5-Trimethylbenzene
Concen: 0.221 ug/l
RT: 10.75 min Scan# 3005
Delta R.T. -0.00 min
Lab File: VU034437.D
Acq: 10 Sep 2019 09:46

Instrument :
MSVOA_U
ClientSampleId :
PB122930TB

Tgt Ion:105 Resp: 2430

Ion	Ratio	Lower	Upper
105	100		
120	53.9	24.9	74.7

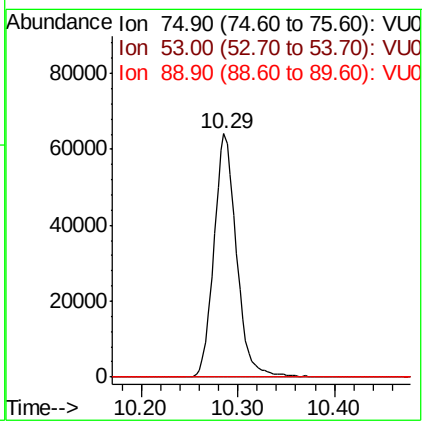


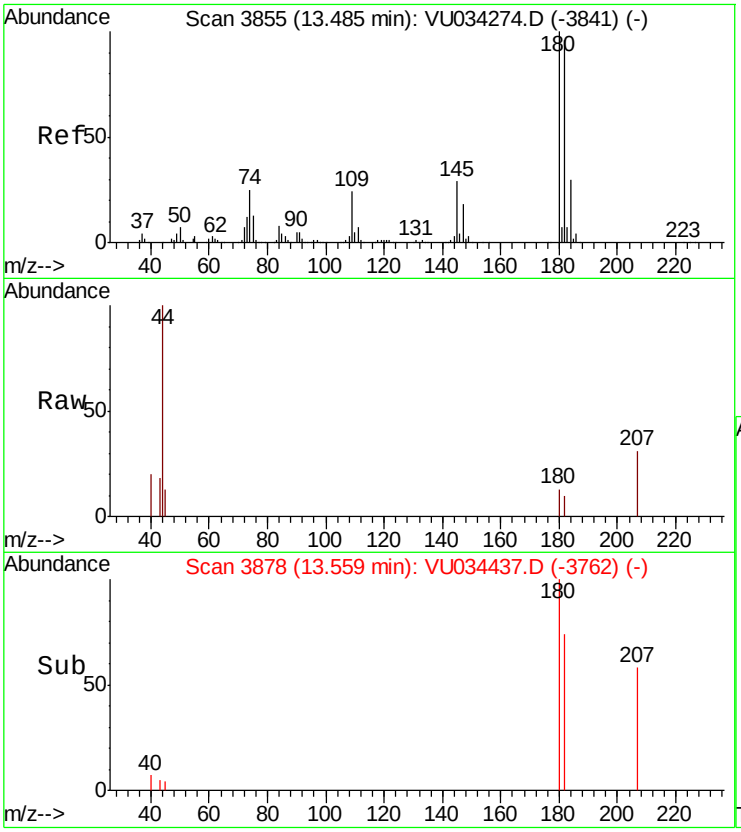


#81
trans-1,4-Dichloro-2-butene
Concen: 79.068 ug/l
RT: 10.29 min Scan# 2860
Delta R.T. -0.21 min
Lab File: VU034437.D
Acq: 10 Sep 2019 09:46

Tgt Ion: 75 Resp: 103912

Ion	Ratio	Lower	Upper
75	100		
53	0.3	0.0	0.0#
89	0.0	0.0	0.0



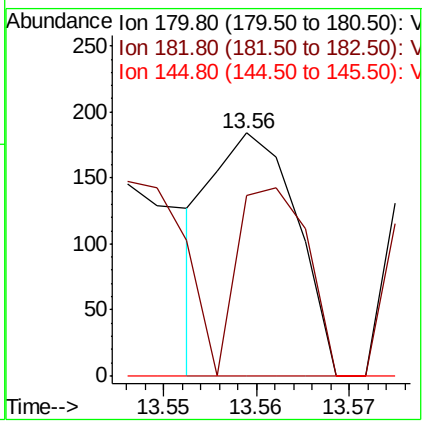


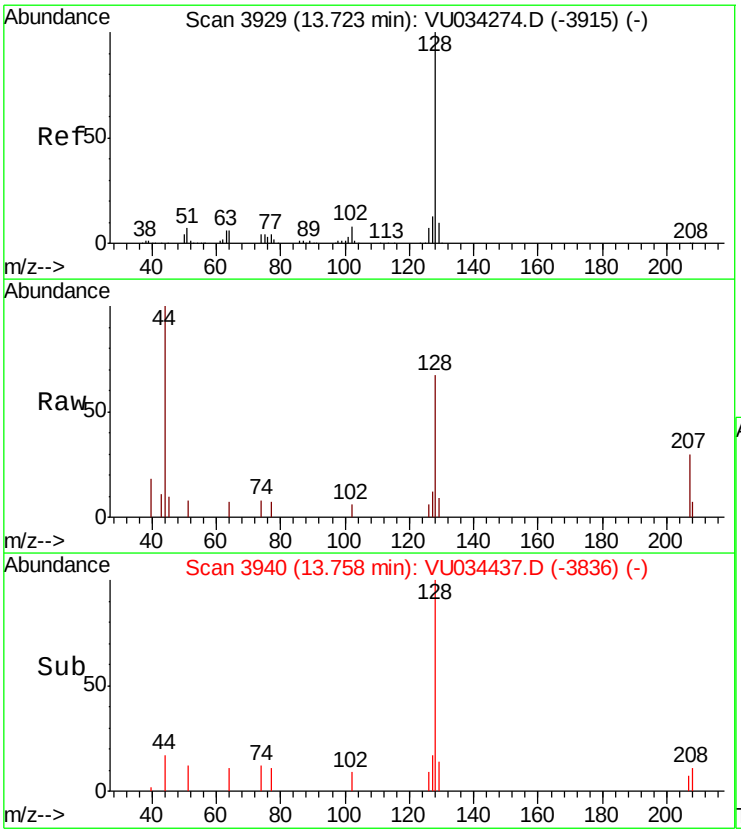
#93
1,2,4-Trichlorobenzene
Concen: 3.474 ug/l
RT: 13.56 min Scan# 3878
Delta R.T. 0.07 min
Lab File: VU034437.D
Acq: 10 Sep 2019 09:46

Instrument :
MSVOA_U
ClientSampleId :
PB122930TB

Tgt Ion:180 Resp: 117

Ion	Ratio	Lower	Upper
180	100		
182	64.1	47.9	143.8
145	17.9	14.4	43.0

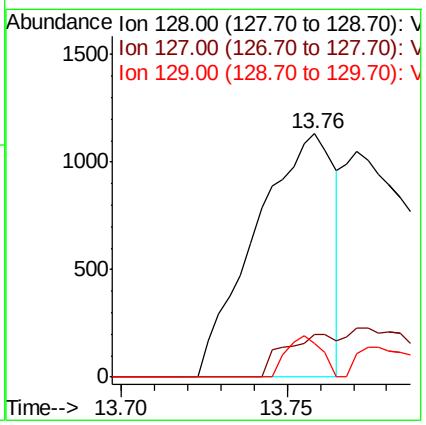


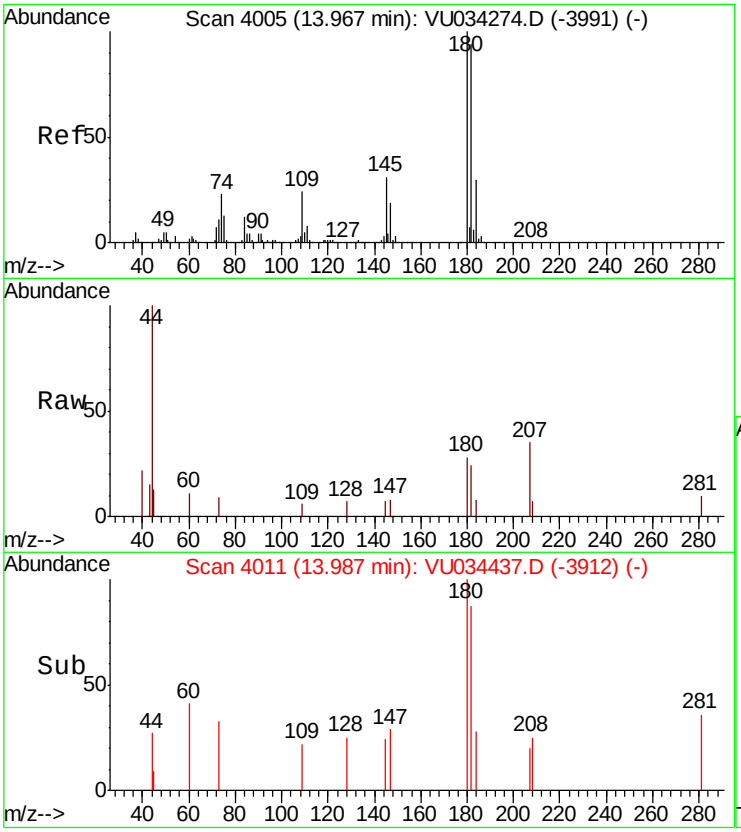


#95
Naphthalene
Concen: 4.094 ug/l
RT: 13.76 min Scan# 3940
Delta R.T. 0.04 min
Lab File: VU034437.D
Acq: 10 Sep 2019 09:46

Tgt Ion:128 Resp: 1877

Ion	Ratio	Lower	Upper
128	100		
127	11.7	10.6	15.8
129	7.5	8.4	12.6#





#96
1,2,3-Trichlorobenzene
Concen: 2.779 ug/l
RT: 13.99 min Scan# 4011
Delta R.T. 0.02 min
Lab File: VU034437.D
Acq: 10 Sep 2019 09:46

Instrument :
MSVOA_U
ClientSampleId :
PB122930TB

Tgt Ion:180 Resp: 684

Ion	Ratio	Lower	Upper
180	100		
182	115.8	48.4	145.0
145	13.7	15.4	46.4#