Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071218\
Data File : VU025348.D
Acq On : 12 Jul 2018 18:45
Operator : MD/SY
Sample : PB111044ZHE#03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : PB111044ZHE#03

Quant Time: Jul 13 01:12:57 2018
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070918W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 10 09:34:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	200181	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	308438	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	284165	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	150852	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	152808	49.13	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.26%			
35) Dibromofluoromethane	4.89	113	120279	46.23	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.46%			
50) Toluene-d8	7.57	98	435258	48.85	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.70%			
62) 4-Bromofluorobenzene	10.31	95	162438	45.28	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.56%			
Target Compounds						Qvalue
3) Chloromethane	1.33	50	391	0.75	ug/l #	42
5) Bromomethane	1.62	94	223	Below Cal		96
6) Chloroethane	1.68	64	87	0.35	ug/l #	43
10) Methyl Iodide	2.42	142	192	7.77	ug/l #	39
11) Tert butyl alcohol	2.84	59	1356	2.00	ug/l #	73
16) Acetone	2.32	43	13148	12.99	ug/l	97
17) Carbon Disulfide	2.49	76	197	1.96	ug/l #	74
18) Methyl Acetate	2.62	43	18606	5.84	ug/l	98
20) Methylene Chloride	2.71	84	6060	3.18	ug/l	93
25) 2-Butanone	4.28	43	2361	1.10	ug/l	96
29) Tetrahydrofuran	4.65	42	917	0.71	ug/l #	64
31) Cyclohexane	4.99	56	4209	1.80	ug/l #	23
36) 1,1-Dichloropropene	4.99	75	14704	4.29	ug/l #	50
38) Carbon Tetrachloride	4.99	117	18714	5.07	ug/l #	16
41) Methacrylonitrile	4.65	41	430	0.20	ug/l #	26
43) Isopropyl Acetate	5.79	43	61819	10.09	ug/l #	61
51) 4-Methyl-2-Pentanone	7.47	43	1274	0.32	ug/l #	74
74) N-amyl acetate	10.00	43	630	1.40	ug/l #	43
76) 1,2,3-Trichloropropane	10.31	75	84935	27.68	ug/l #	36
81) trans-1,4-Dichloro-2-buten	10.31	75	84935	70.67	ug/l #	100
88) 1,4-Dichlorobenzene	11.49	146	70	1.50	ug/l #	1
95) Naphthalene	13.75	128	5690	2.90	ug/l #	96
96) 1,2,3-Trichlorobenzene	13.99	180	79	2.55	ug/l #	12

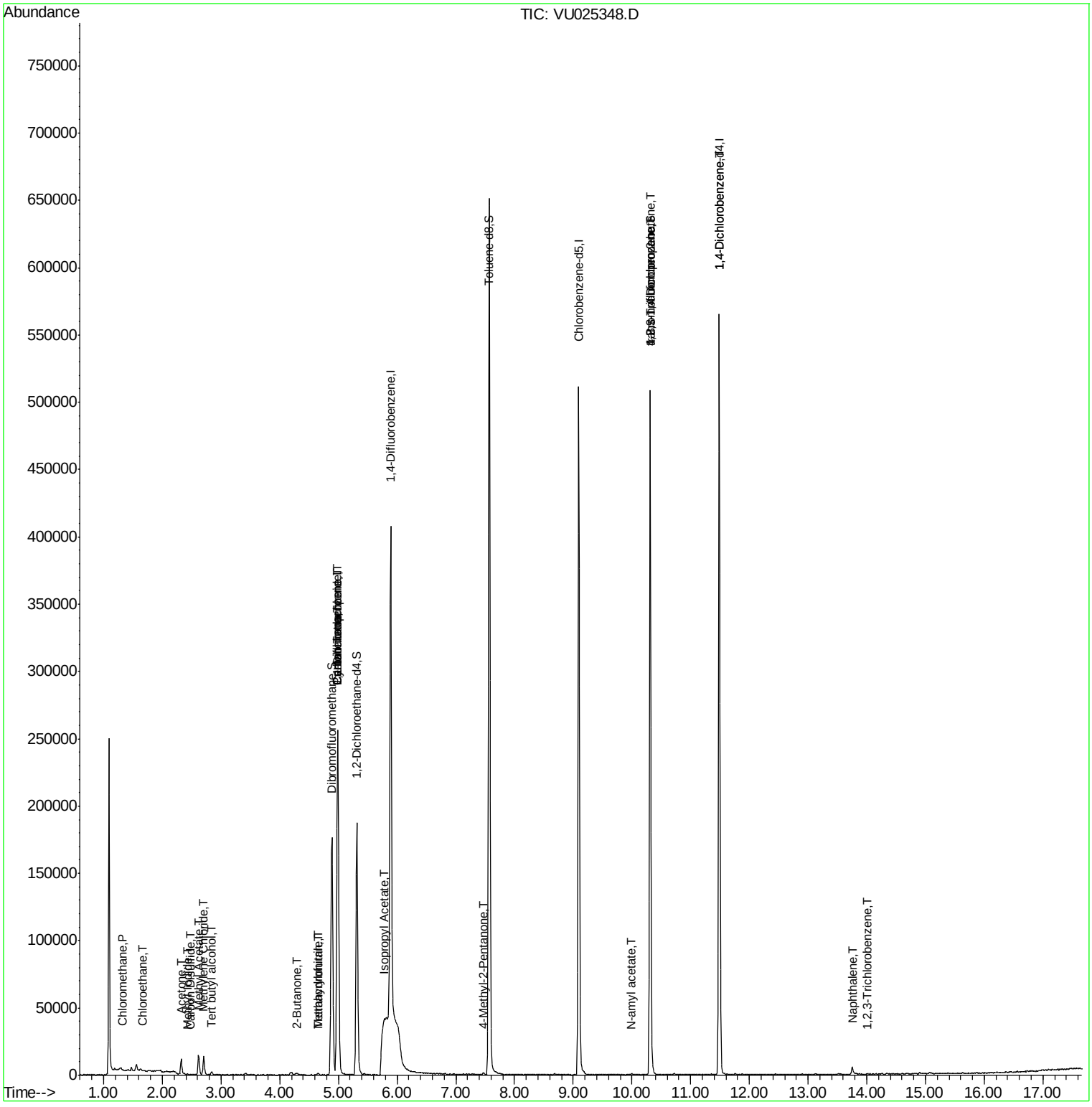
(#) = qualifier out of range (m) = manual integration (+) = signals summed

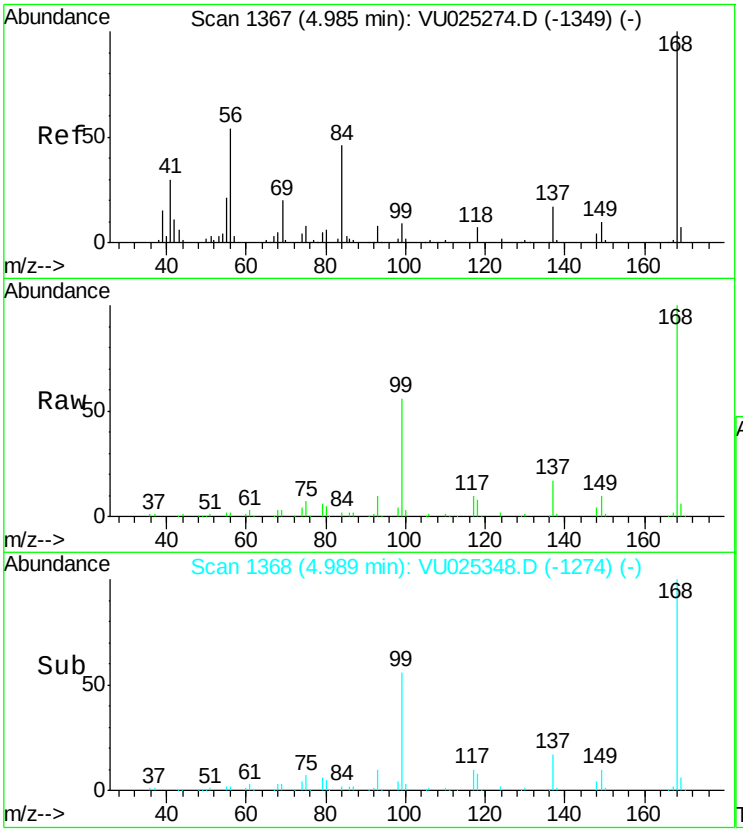
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071218\
Data File : VU025348.D
Acq On : 12 Jul 2018 18:45
Operator : MD/SY
Sample : PB111044ZHE#03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : PB111044ZHE#03

Quant Time: Jul 13 01:12:57 2018
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070918W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 10 09:34:16 2018
Response via : Initial Calibration



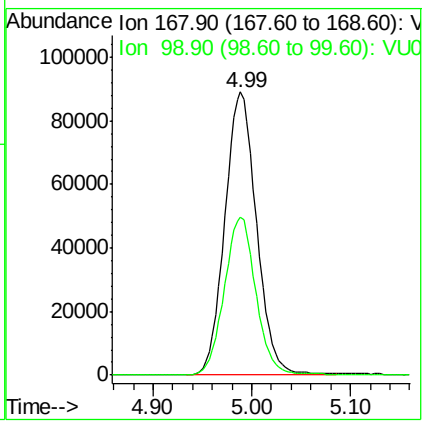


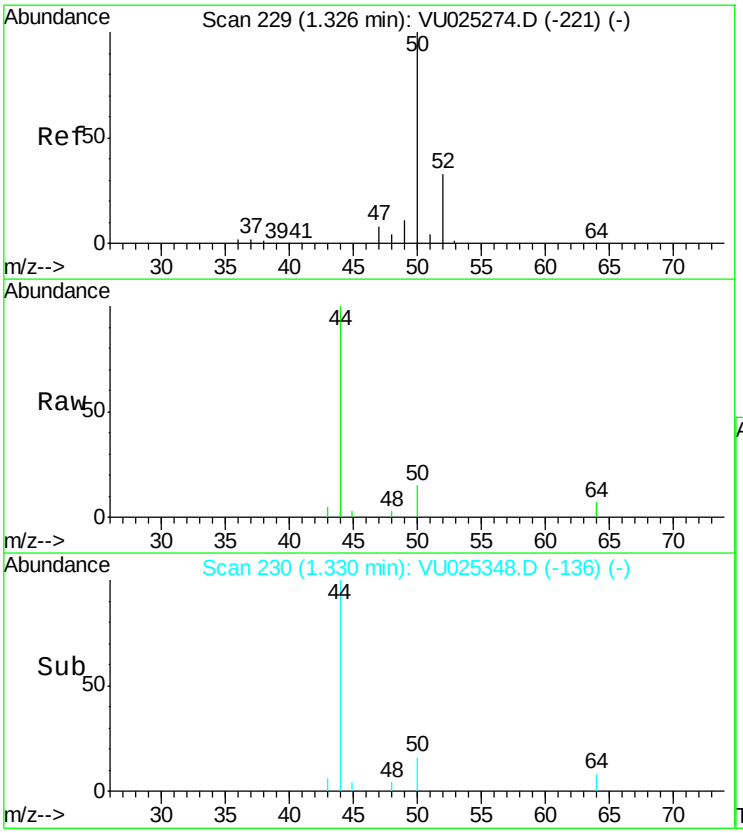
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 4.99 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VU025348.D
Acq: 12 Jul 2018 18:45

Instrument :
MSVOA_U
ClientSampleId :
PB111044ZHE#03

Tgt Ion:168 Resp: 200181

Ion	Ratio	Lower	Upper
168	100		
99	55.8	42.8	64.2

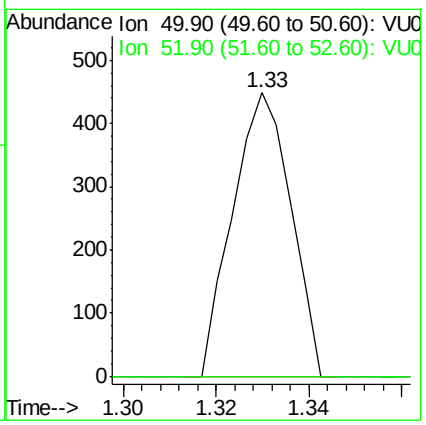


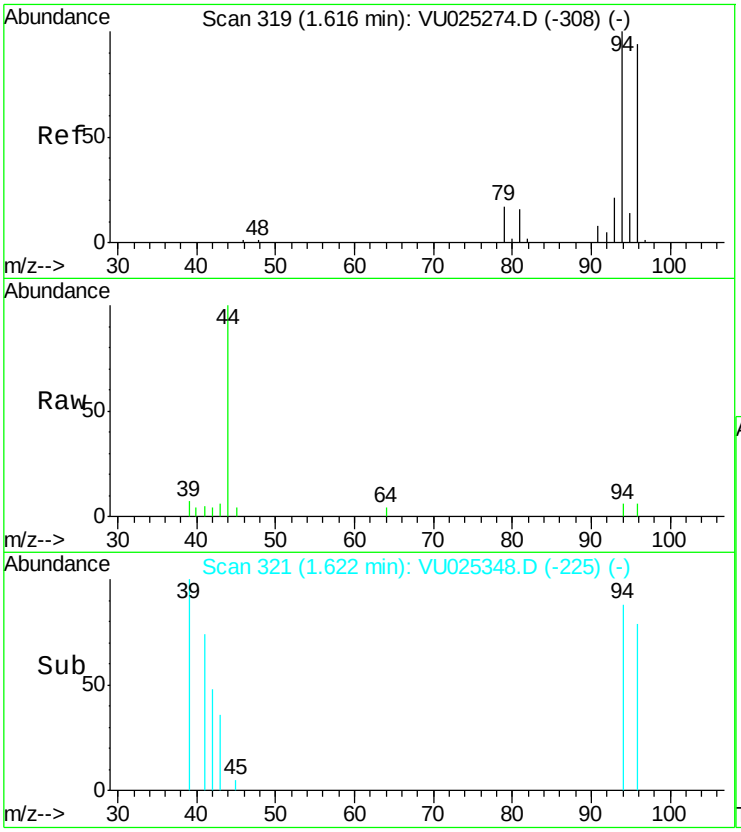


#3
Chloromethane
Concen: 0.75 ug/l
RT: 1.33 min Scan# 230
Delta R.T. 0.00 min
Lab File: VU025348.D
Acq: 12 Jul 2018 18:45

Tgt Ion: 50 Resp: 391

Ion	Ratio	Lower	Upper
50	100		
52	0.0	26.5	39.7#



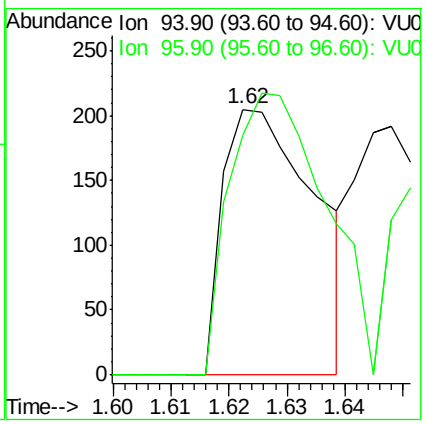


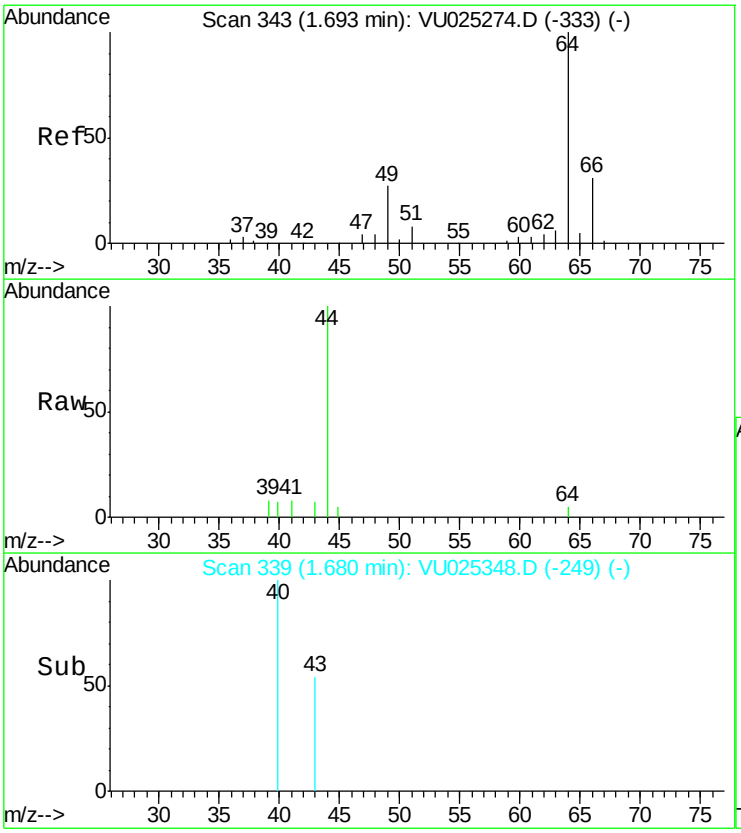
#5
Bromomethane
Concen: Below Cal
RT: 1.62 min Scan# 321
Delta R.T. 0.01 min
Lab File: VU025348.D
Acq: 12 Jul 2018 18:45

Instrument :
MSVOA_U
ClientSampleId :
PB111044ZHE#03

Tgt Ion: 94 Resp: 223

Ion	Ratio	Lower	Upper
94	100		
96	90.2	75.0	112.4

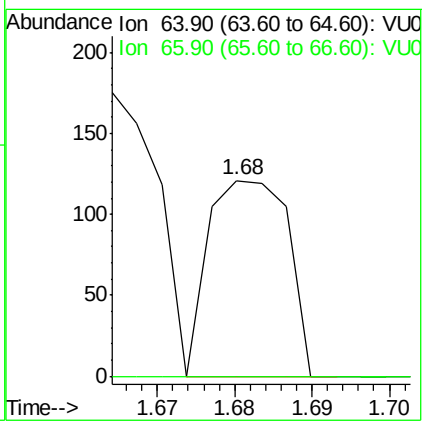


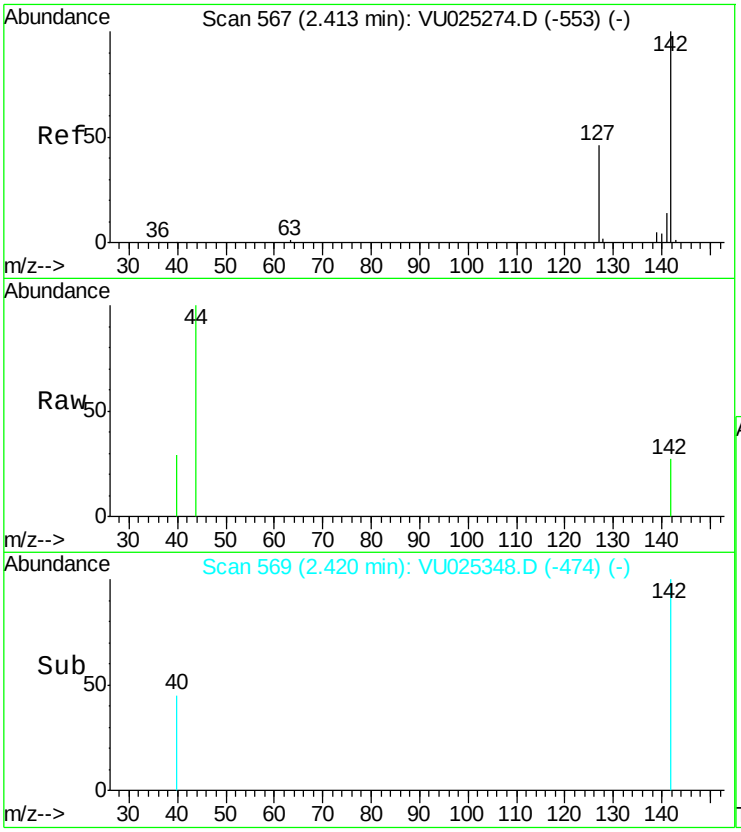


#6
Chloroethane
Concen: 0.35 ug/l
RT: 1.68 min Scan# 339
Delta R.T. -0.01 min
Lab File: VU025348.D
Acq: 12 Jul 2018 18:45

Tgt Ion: 64 Resp: 87

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.0	37.4#



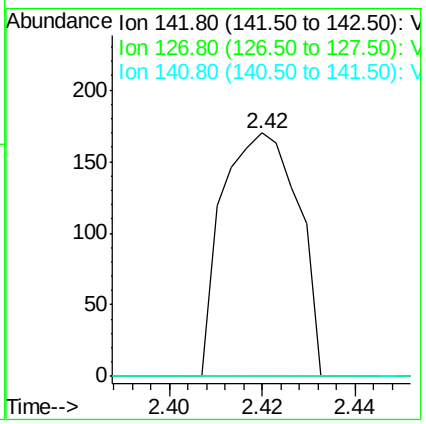


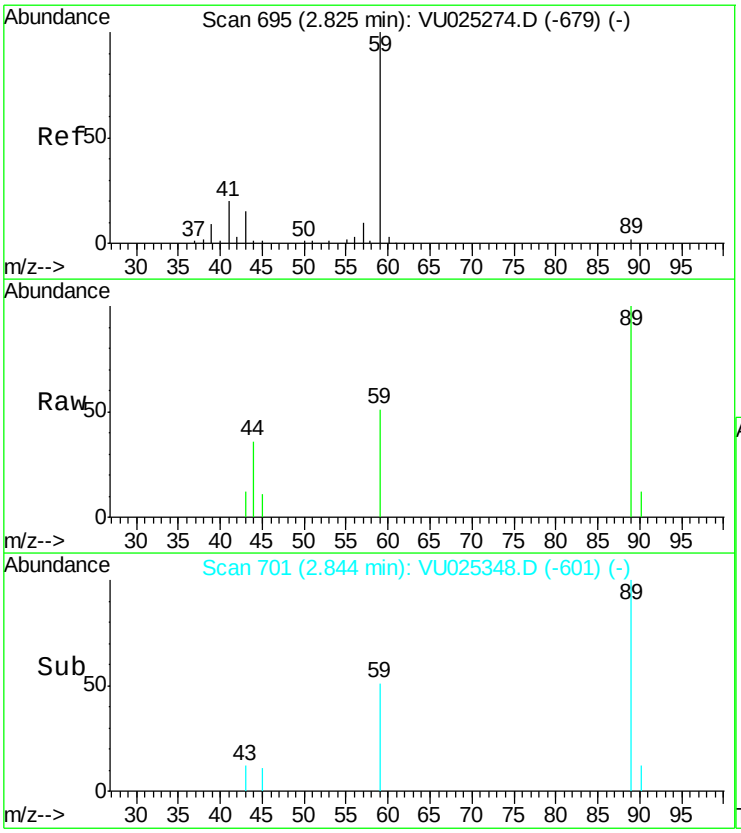
#10
Methyl Iodide
Concen: 7.77 ug/l
RT: 2.42 min Scan# 569
Delta R.T. 0.01 min
Lab File: VU025348.D
Acq: 12 Jul 2018 18:45

Instrument : MSVOA_U
ClientSampleId : PB111044ZHE#03

Tgt Ion:142 Resp: 192

Ion	Ratio	Lower	Upper
142	100		
127	0.0	36.5	54.7#
141	0.0	11.4	17.2#

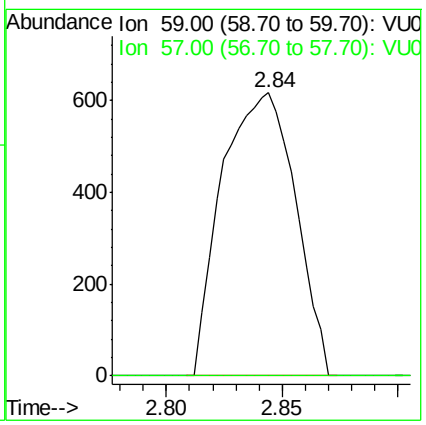


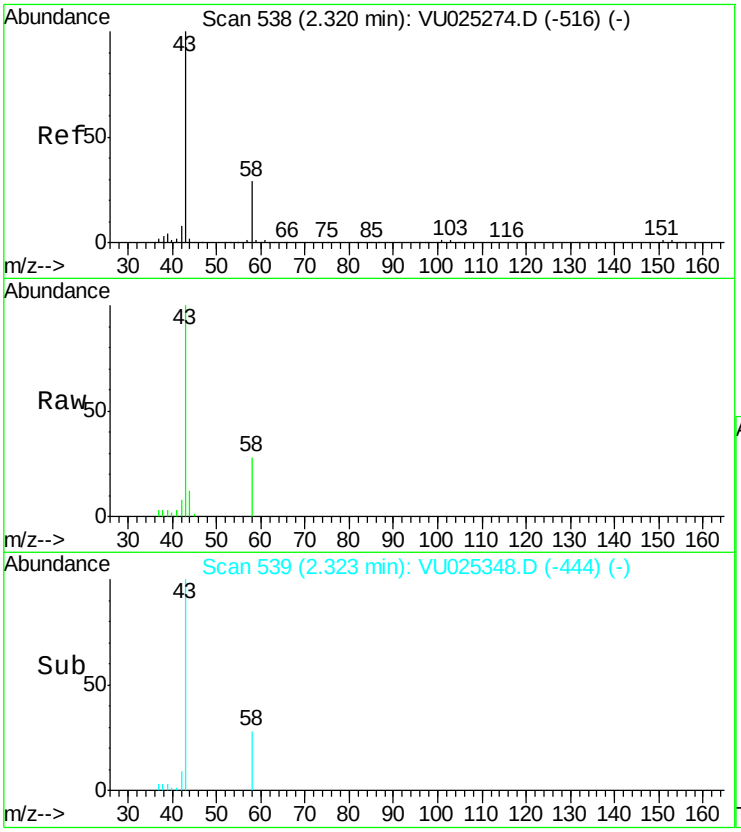


#11
Tert butyl alcohol
Concen: 2.00 ug/l
RT: 2.84 min Scan# 701
Delta R.T. 0.02 min
Lab File: VU025348.D
Acq: 12 Jul 2018 18:45

Tgt Ion: 59 Resp: 1356

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.2#



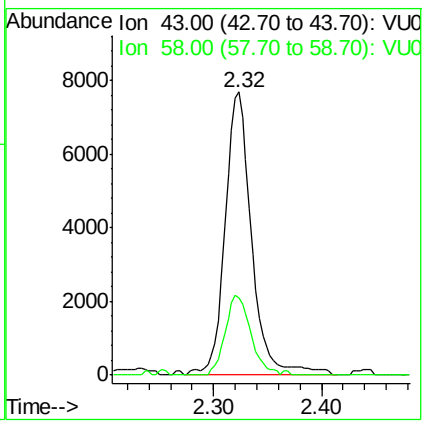


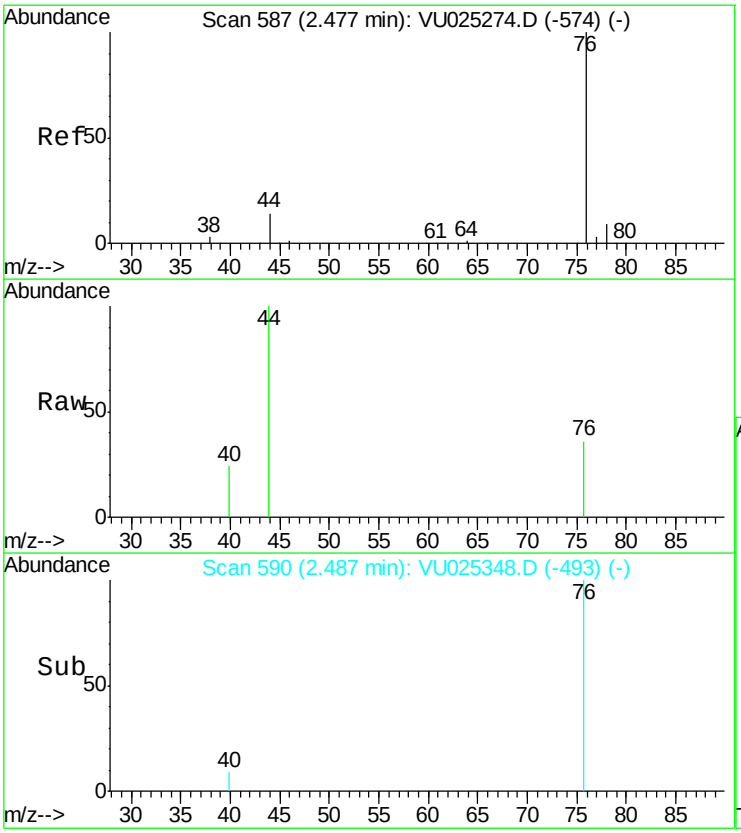
#16
Acetone
Concen: 12.99 ug/l
RT: 2.32 min Scan# 539
Delta R.T. 0.00 min
Lab File: VU025348.D
Acq: 12 Jul 2018 18:45

Instrument : MSVOA_U
ClientSampleId : PB111044ZHE#03

Tgt Ion: 43 Resp: 13148

Ion	Ratio	Lower	Upper
43	100		
58	27.5	23.1	34.7

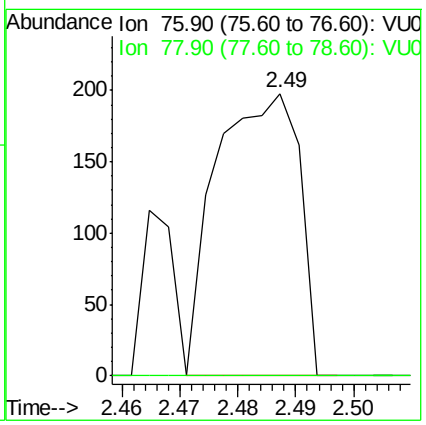


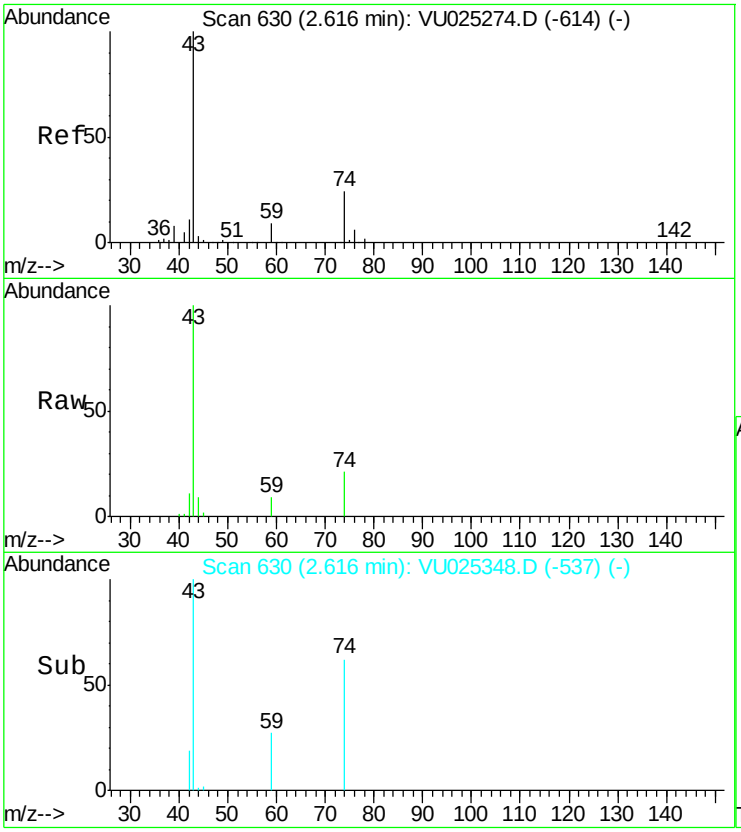


#17
Carbon Disulfide
Concen: 1.96 ug/l
RT: 2.49 min Scan# 590
Delta R.T. 0.01 min
Lab File: VU025348.D
Acq: 12 Jul 2018 18:45

Tgt Ion: 76 Resp: 197

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.4	11.2#



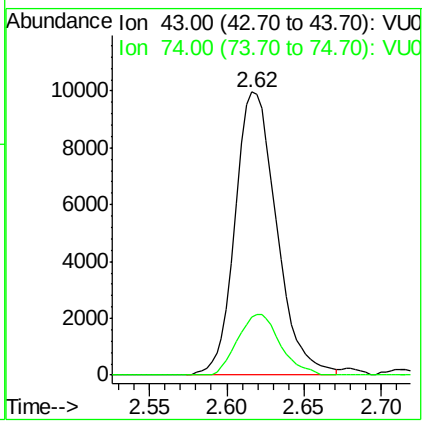


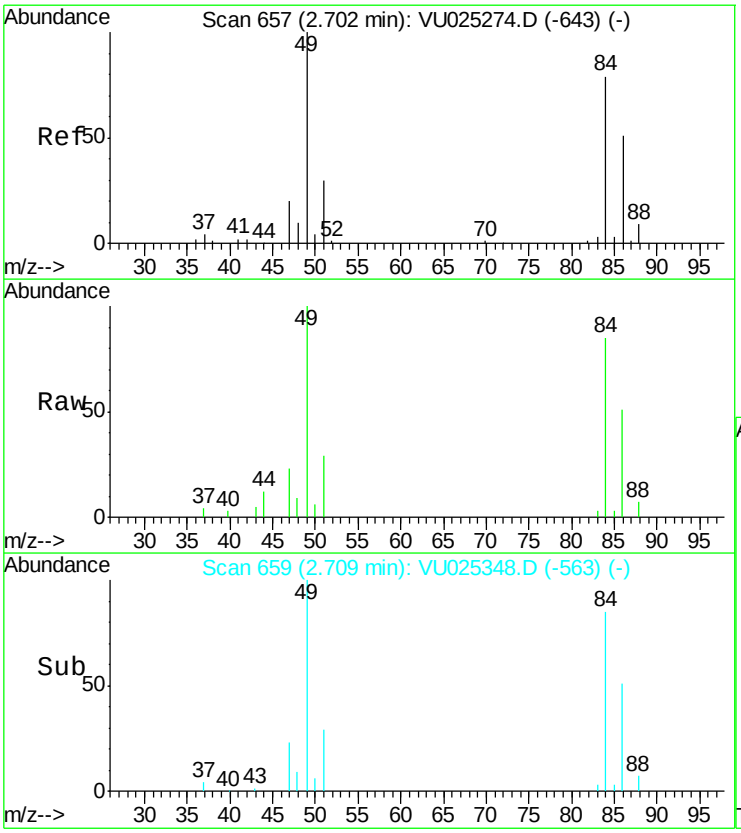
#18
Methyl Acetate
Concen: 5.84 ug/l
RT: 2.62 min Scan# 630
Delta R.T. 0.00 min
Lab File: VU025348.D
Acq: 12 Jul 2018 18:45

Instrument : MSVOA_U
ClientSampleId : PB111044ZHE#03

Tgt Ion: 43 Resp: 18606

Ion	Ratio	Lower	Upper
43	100		
74	21.9	18.5	27.7

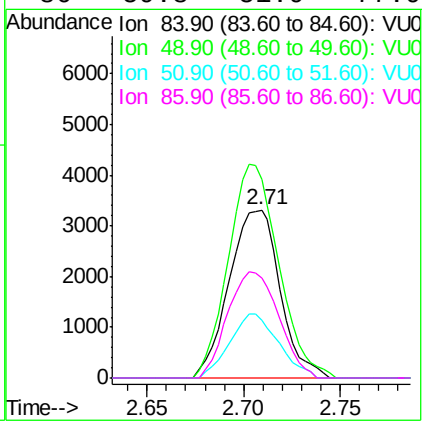


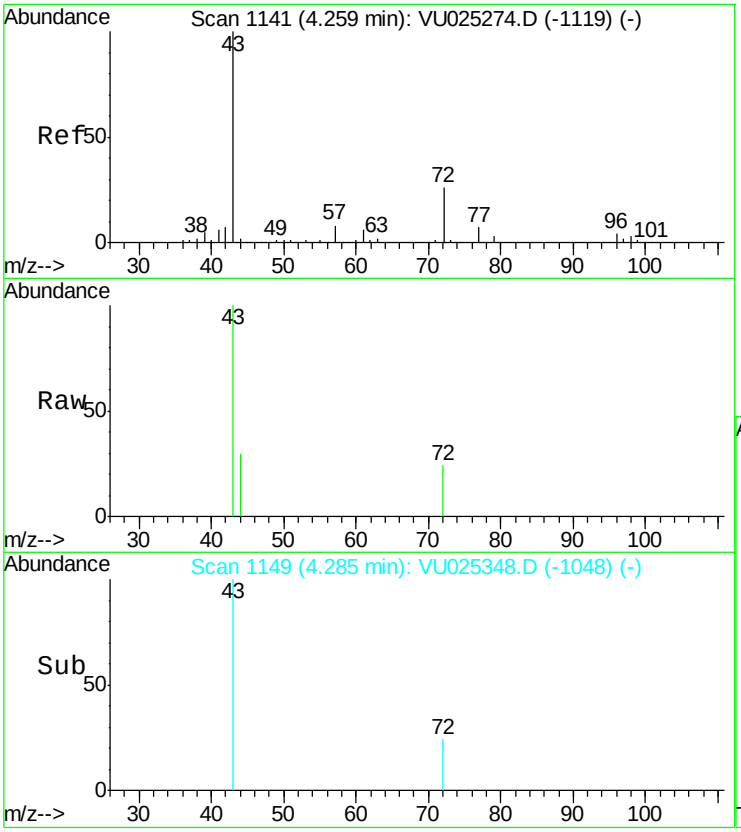


#20
Methylene Chloride
Concen: 3.18 ug/l
RT: 2.71 min Scan# 659
Delta R.T. 0.01 min
Lab File: VU025348.D
Acq: 12 Jul 2018 18:45

Tgt Ion: 84 Resp: 6060

Ion	Ratio	Lower	Upper
84	100		
49	117.9	101.8	152.6
51	34.6	30.8	46.2
86	59.8	51.9	77.9



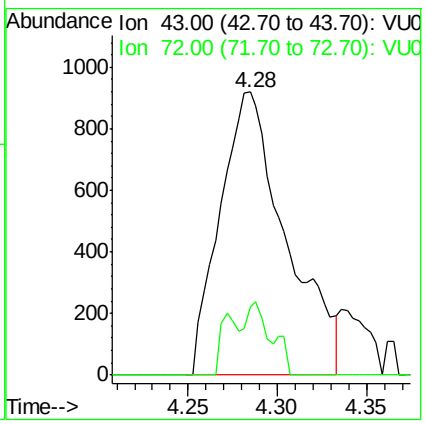


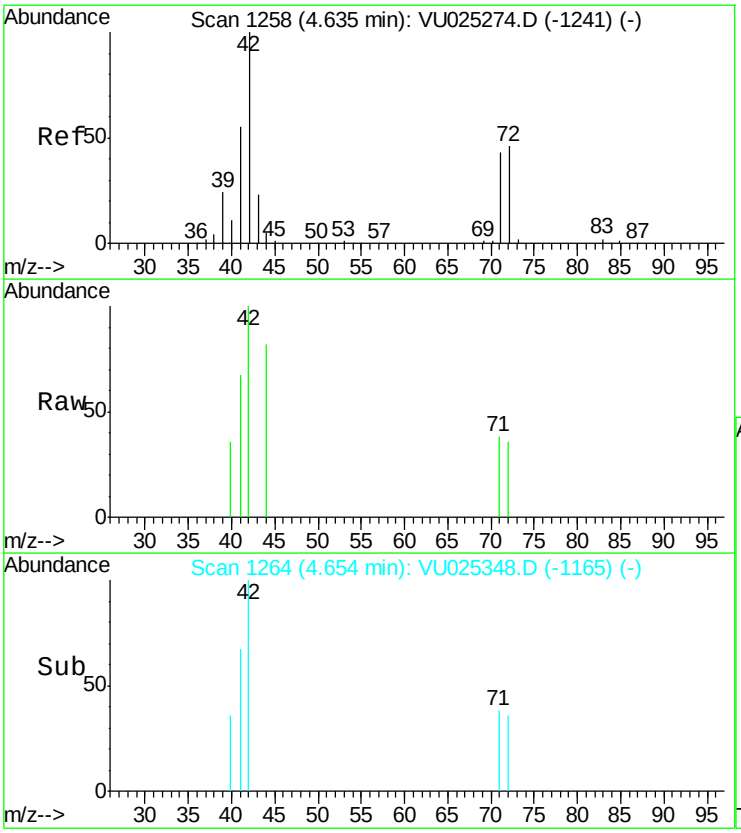
#25
2-Butanone
Concen: 1.10 ug/l
RT: 4.28 min Scan# 1149
Delta R.T. 0.03 min
Lab File: VU025348.D
Acq: 12 Jul 2018 18:45

Instrument :
MSVOA_U
ClientSampleId :
PB111044ZHE#03

Tgt Ion: 43 Resp: 2361

Ion	Ratio	Lower	Upper
43	100		
72	23.9	21.0	31.4

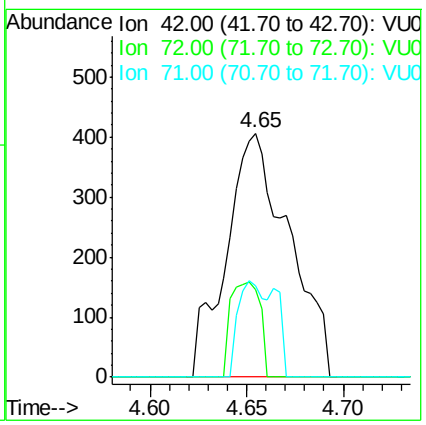


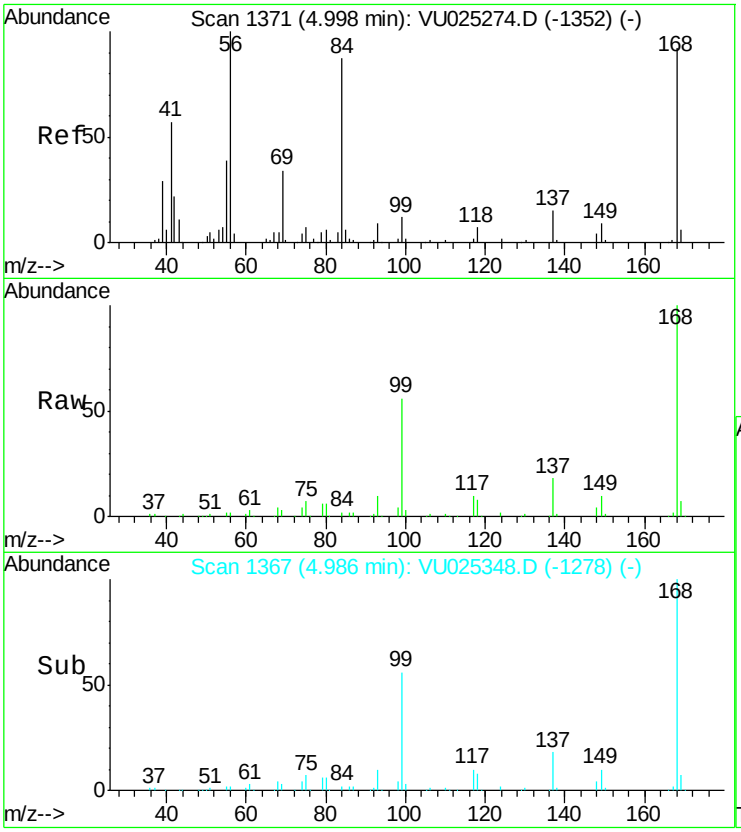


#29
Tetrahydrofuran
Concen: 0.71 ug/l
RT: 4.65 min Scan# 1264
Delta R.T. 0.02 min
Lab File: VU025348.D
Acq: 12 Jul 2018 18:45

Tgt Ion: 42 Resp: 917

Ion	Ratio	Lower	Upper
42	100		
72	18.0	36.7	55.1#
71	23.3	33.9	50.9#



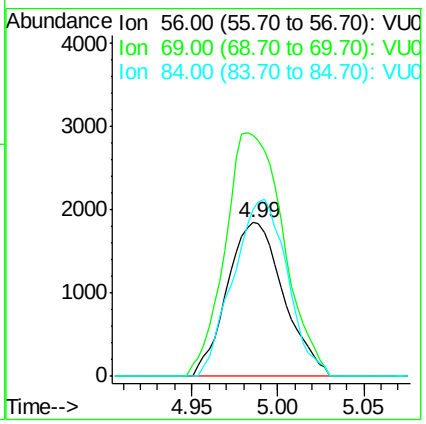


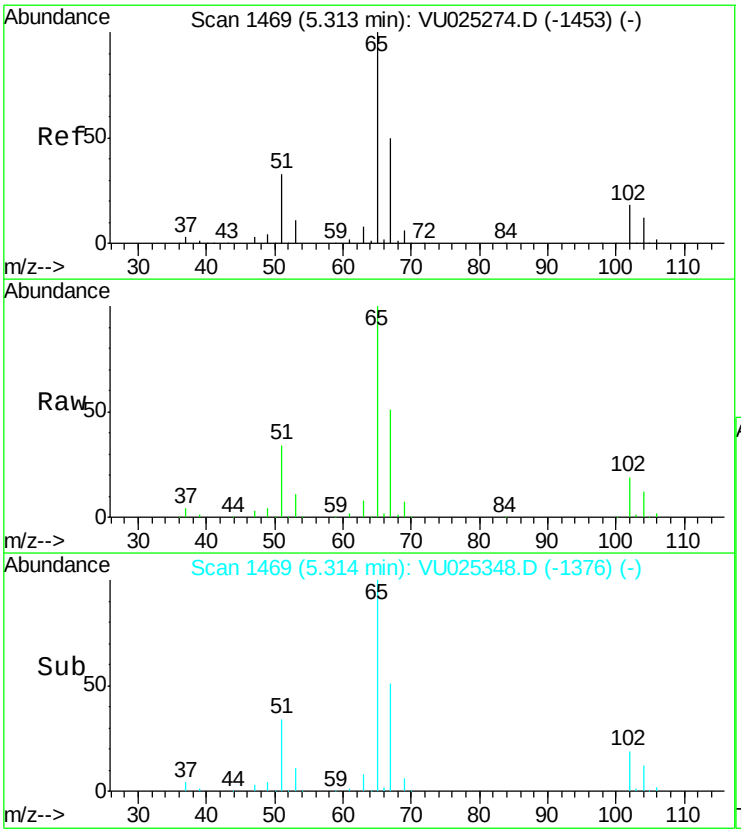
#31
Cyclohexane
Concen: 1.80 ug/l
RT: 4.99 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VU025348.D
Acq: 12 Jul 2018 18:45

Instrument : MSVOA_U
ClientSampleId : PB111044ZHE#03

Tgt Ion: 56 Resp: 4209

Ion	Ratio	Lower	Upper
56	100		
69	156.7	26.8	40.2#
84	108.3	69.7	104.5#

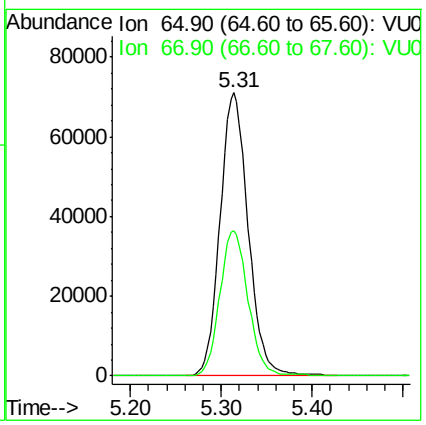


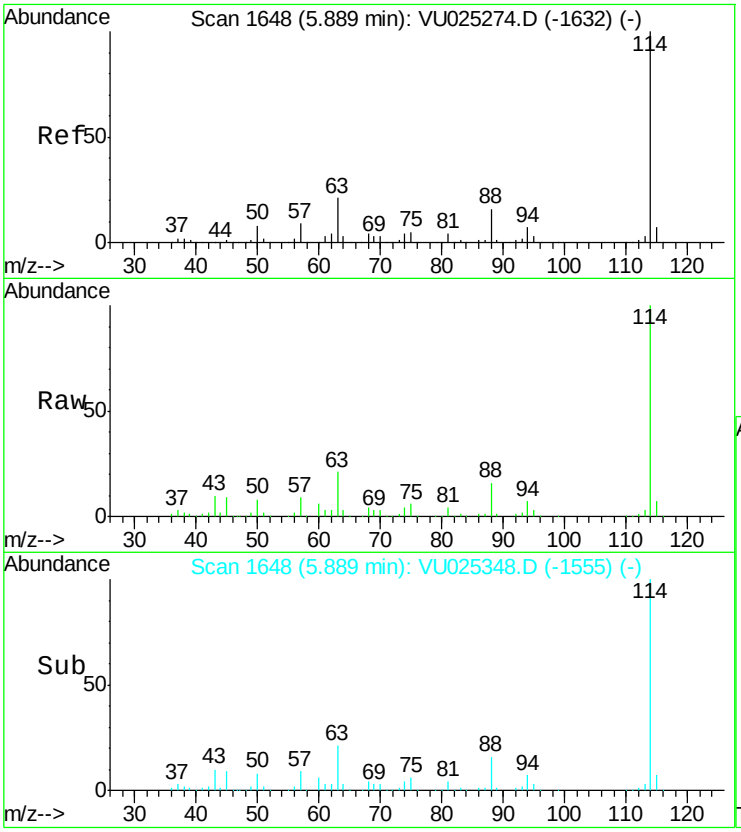


#33
1,2-Dichloroethane-d4
Concen: 49.13 ug/l
RT: 5.31 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VU025348.D
Acq: 12 Jul 2018 18:45

Tgt Ion: 65 Resp: 152808

Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	103.6



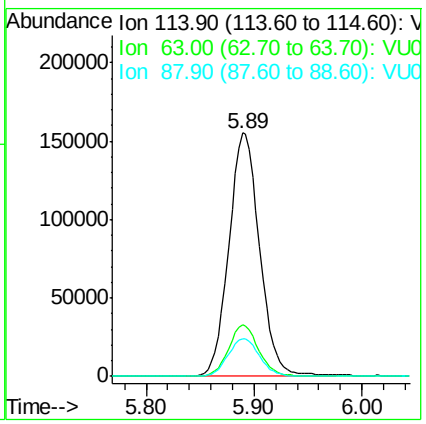


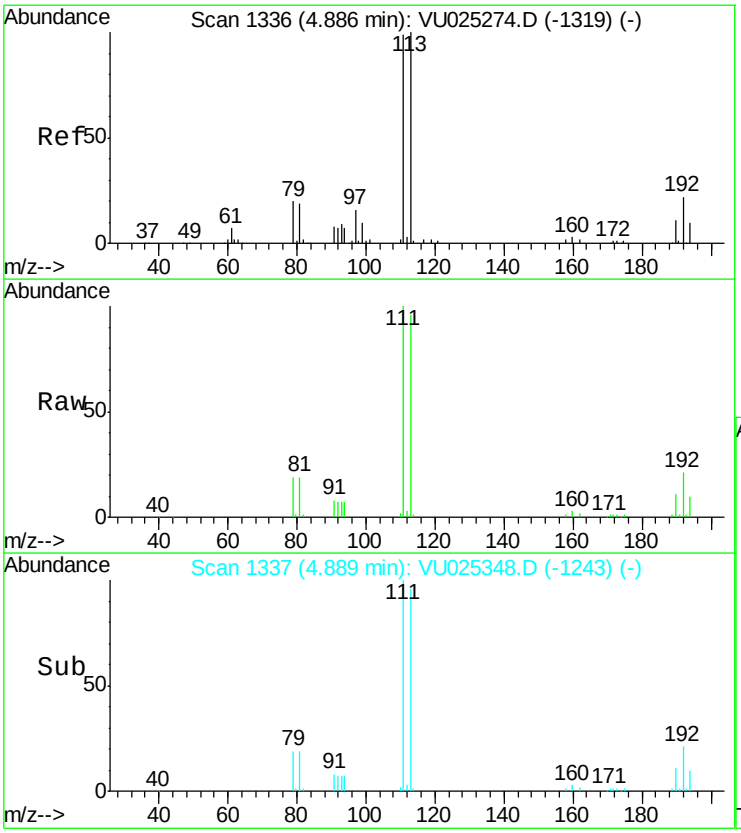
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 5.89 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VU025348.D
Acq: 12 Jul 2018 18:45

Instrument :
MSVOA_U
ClientSampleId :
PB111044ZHE#03

Tgt Ion:114 Resp: 308438

Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	41.6
88	15.5	0.0	32.4

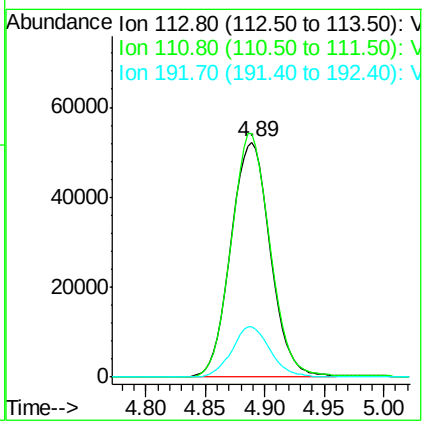


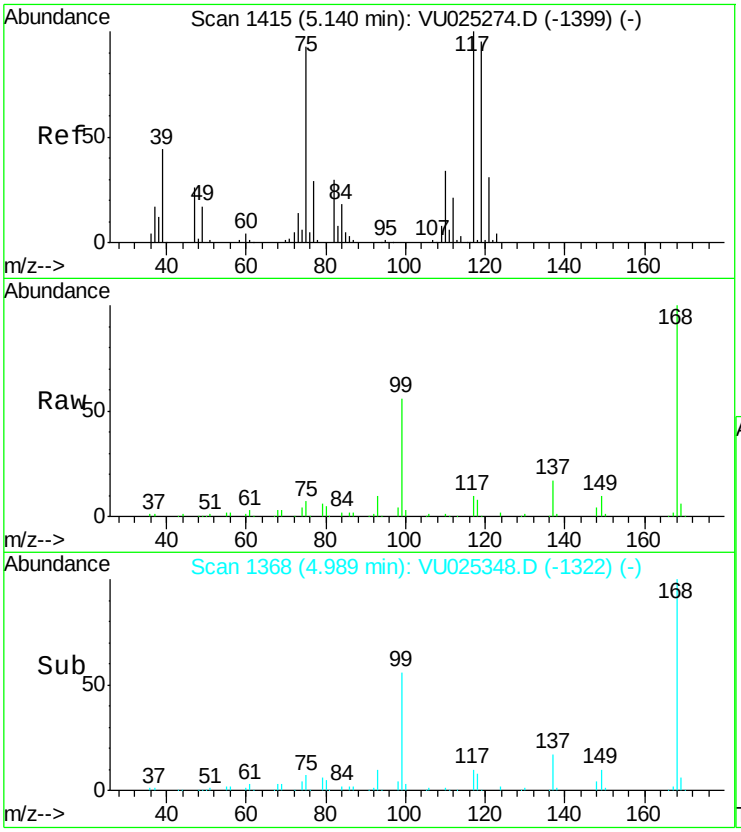


#35
Dibromofluoromethane
Concen: 46.23 ug/l
RT: 4.89 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VU025348.D
Acq: 12 Jul 2018 18:45

Tgt Ion:113 Resp: 120279

Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.7	122.5
192	20.9	17.1	25.7



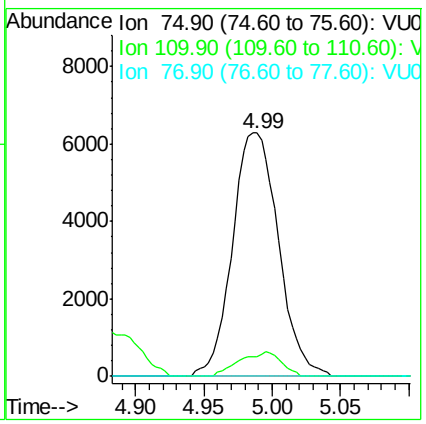


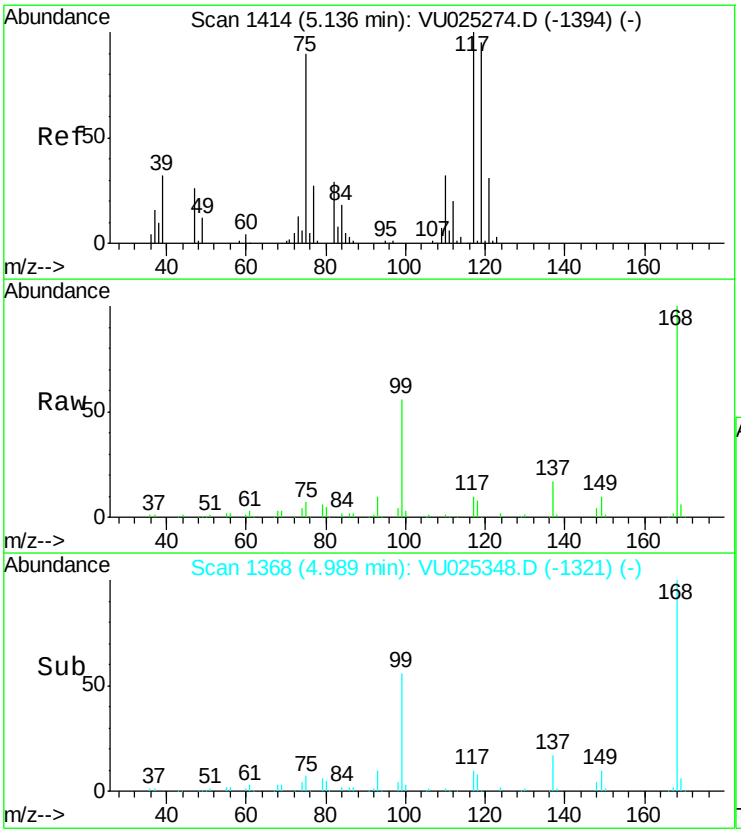
#36
1,1-Dichloropropene
Concen: 4.29 ug/l
RT: 4.99 min Scan# 1368
Delta R.T. -0.15 min
Lab File: VU025348.D
Acq: 12 Jul 2018 18:45

Instrument :
MSVOA_U
ClientSampleId :
PB111044ZHE#03

Tgt Ion: 75 Resp: 14704

Ion	Ratio	Lower	Upper
75	100		
110	9.3	17.6	52.9#
77	0.0	24.4	36.6#

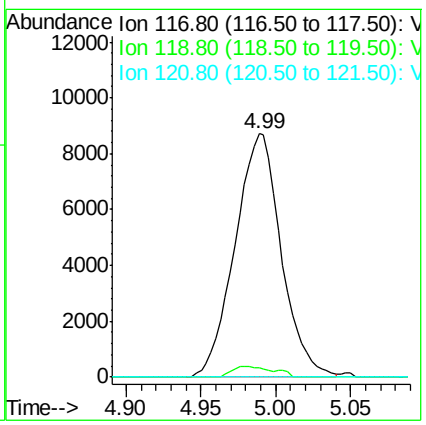


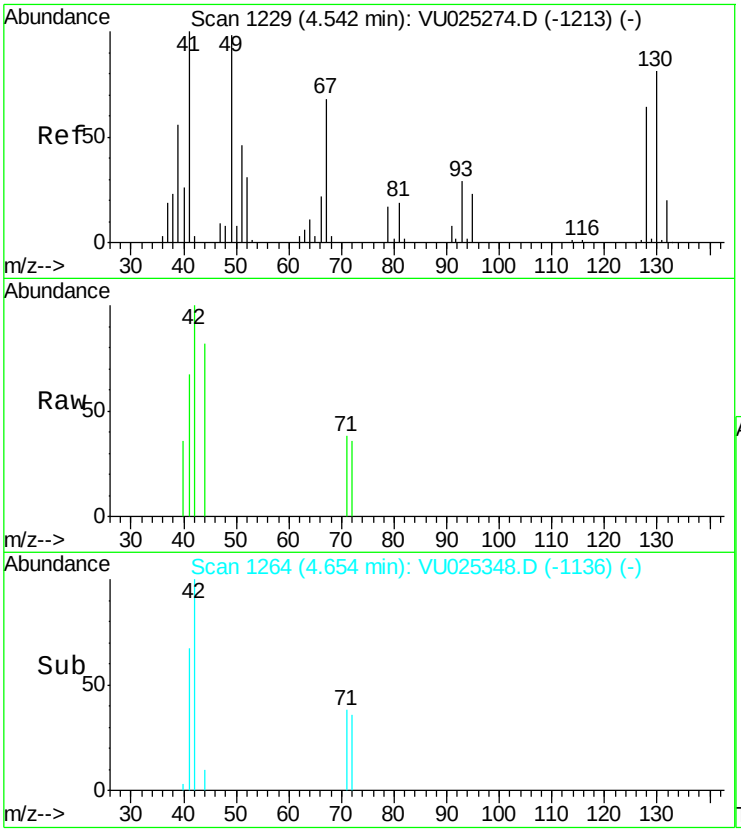


#38
Carbon Tetrachloride
Concen: 5.07 ug/l
RT: 4.99 min Scan# 1368
Delta R.T. -0.15 min
Lab File: VU025348.D
Acq: 12 Jul 2018 18:45

Tgt Ion:117 Resp: 18714

Ion	Ratio	Lower	Upper
117	100		
119	3.8	75.7	113.5#
121	0.0	24.6	36.8#



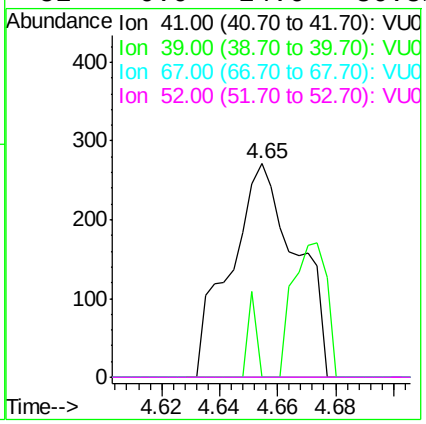


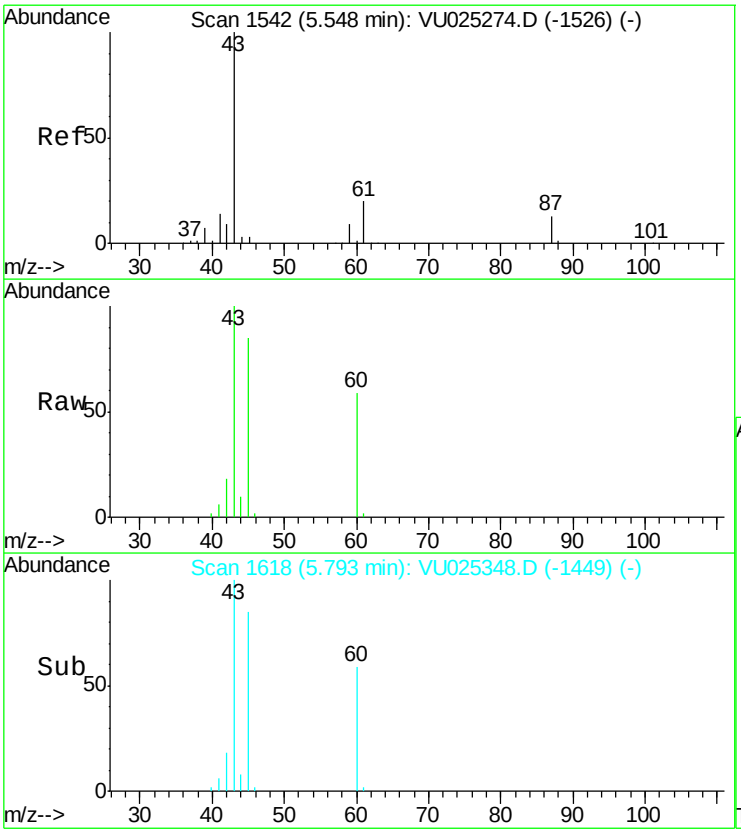
#41
Methacrylonitrile
Concen: 0.20 ug/l
RT: 4.65 min Scan# 1264
Delta R.T. 0.11 min
Lab File: VU025348.D
Acq: 12 Jul 2018 18:45

Instrument :
MSVOA_U
ClientSampleId :
PB111044ZHE#03

Tgt Ion: 41 Resp: 430

Ion	Ratio	Lower	Upper
41	100		
39	4.9	44.4	66.6#
67	0.0	56.0	84.0#
52	0.0	24.6	36.8#

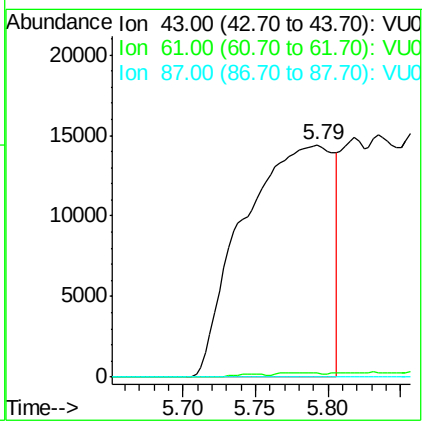


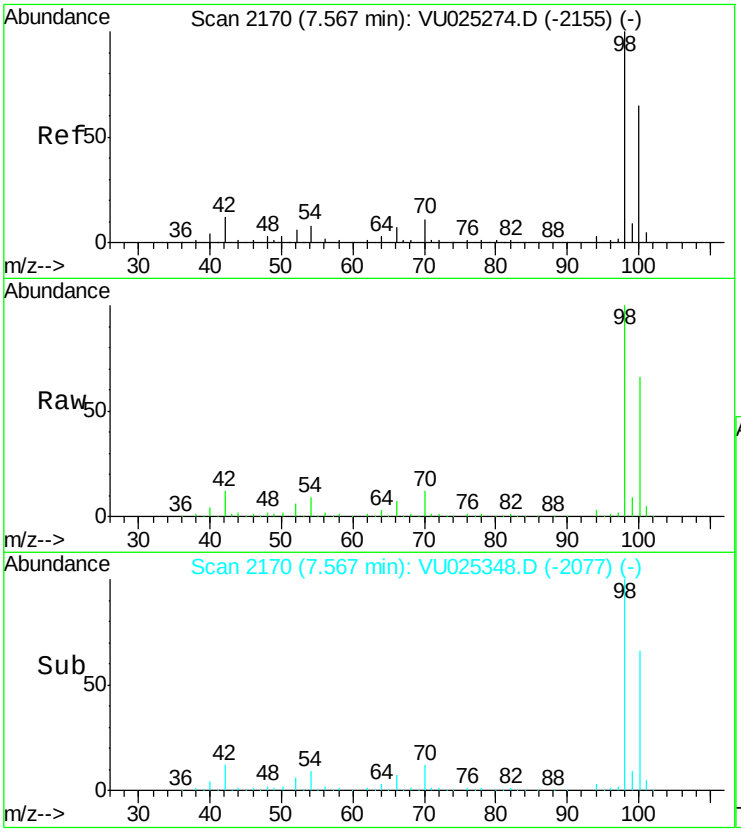


#43
Isopropyl Acetate
Concen: 10.09 ug/l
RT: 5.79 min Scan# 1618
Delta R.T. 0.24 min
Lab File: VU025348.D
Acq: 12 Jul 2018 18:45

Tgt Ion: 43 Resp: 61819

Ion	Ratio	Lower	Upper
43	100		
61	0.0	15.5	23.3#
87	0.0	10.6	16.0#



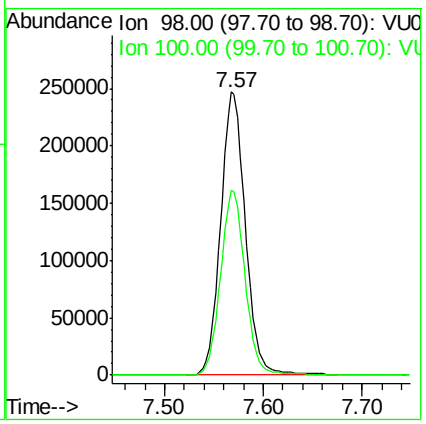


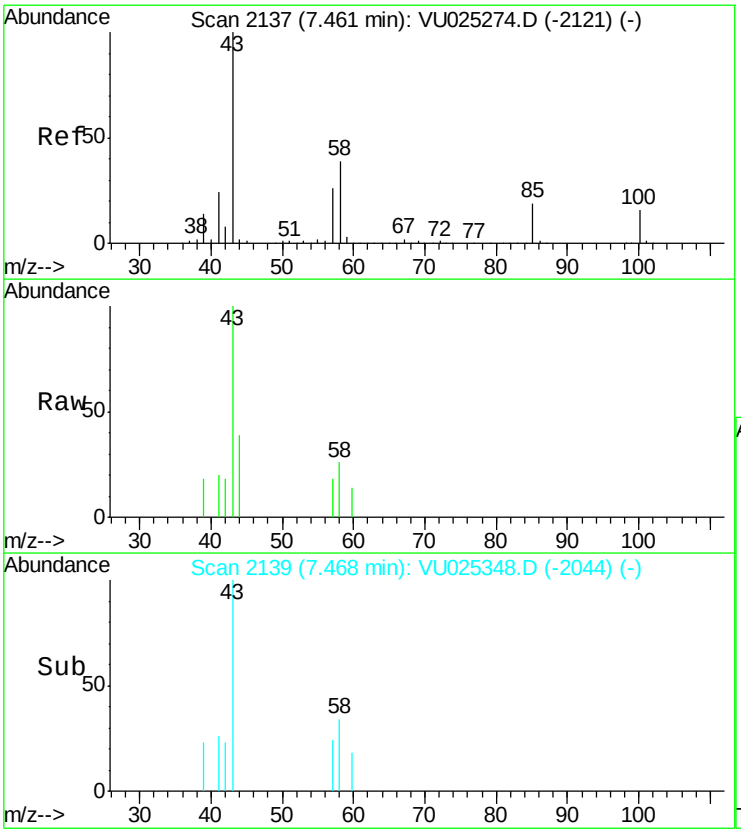
#50
Toluene-d8
Concen: 48.85 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. 0.00 min
Lab File: VU025348.D
Acq: 12 Jul 2018 18:45

Instrument :
MSVOA_U
ClientSampleId :
PB111044ZHE#03

Tgt Ion: 98 Resp: 435258

Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.1	76.7

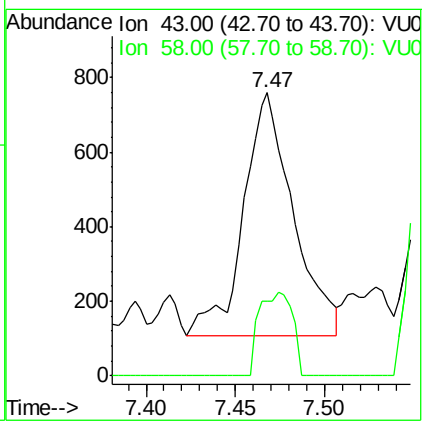


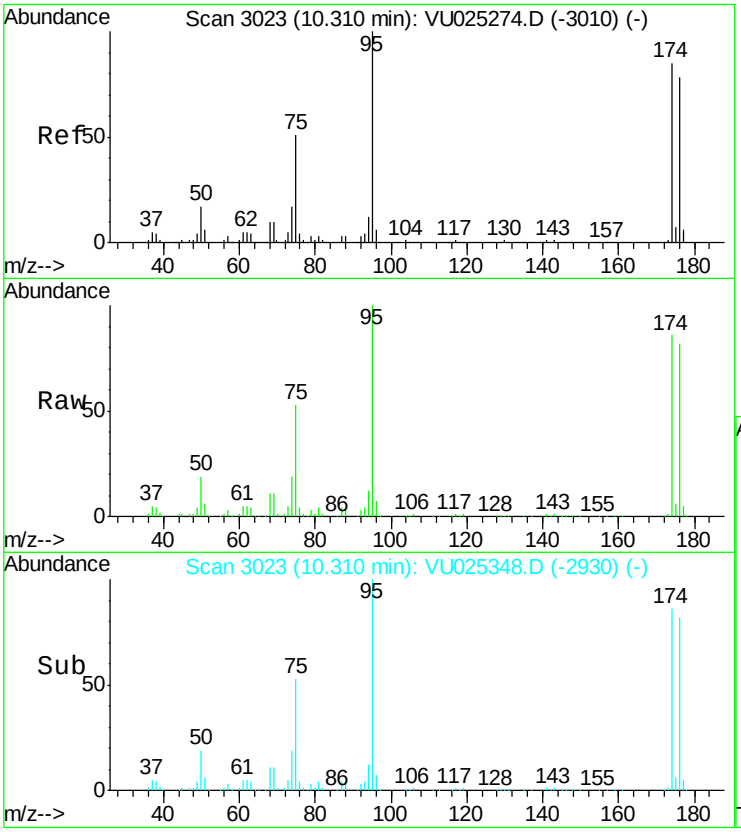


#51
4-Methyl-2-Pentanone
Concen: 0.32 ug/l
RT: 7.47 min Scan# 2139
Delta R.T. 0.01 min
Lab File: VU025348.D
Acq: 12 Jul 2018 18:45

Tgt Ion: 43 Resp: 1274

Ion	Ratio	Lower	Upper
43	100		
58	23.1	31.0	46.4#



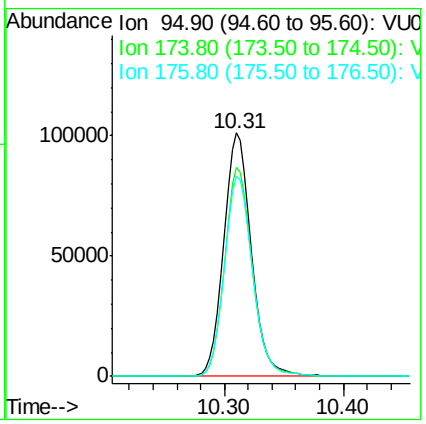


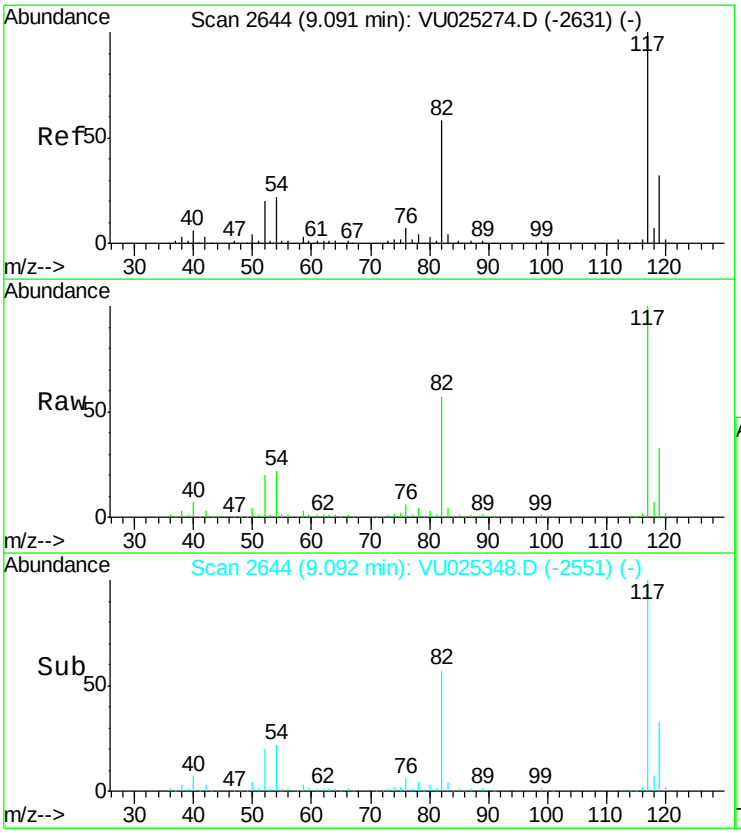
#62
4-Bromofluorobenzene
Concen: 45.28 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU025348.D
Acq: 12 Jul 2018 18:45

Instrument :
MSVOA_U
ClientSampleId :
PB111044ZHE#03

Tgt Ion: 95 Resp: 162438

Ion	Ratio	Lower	Upper
95	100		
174	85.6	0.0	172.2
176	84.1	0.0	162.6

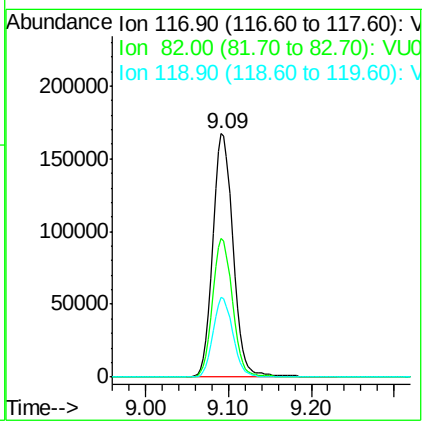


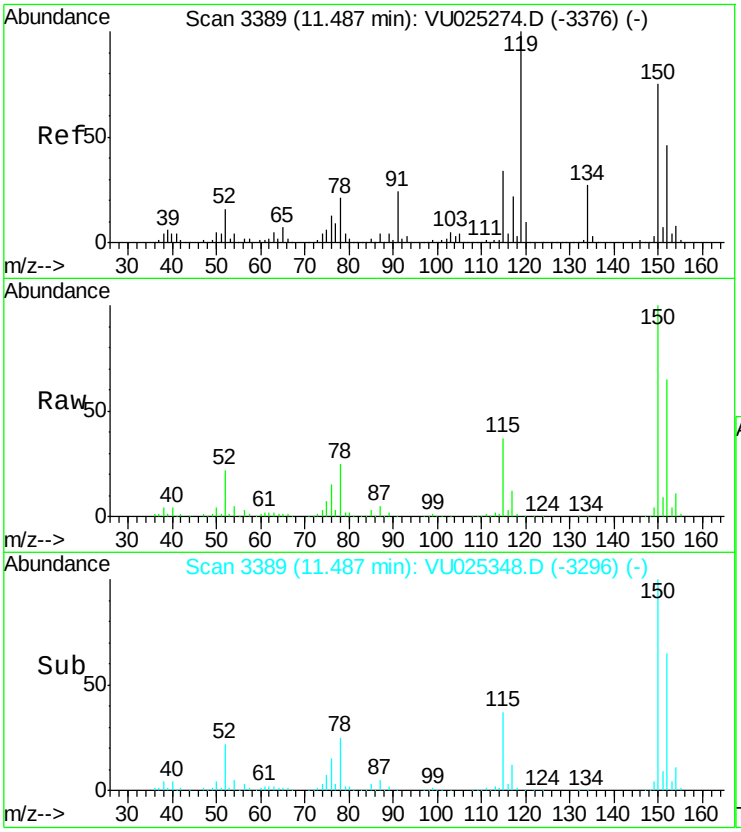


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VU025348.D
Acq: 12 Jul 2018 18:45

Tgt Ion:117 Resp: 284165

Ion	Ratio	Lower	Upper
117	100		
82	57.2	46.0	69.0
119	32.6	26.0	39.0



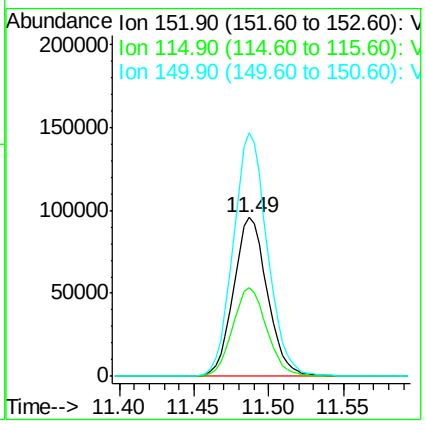


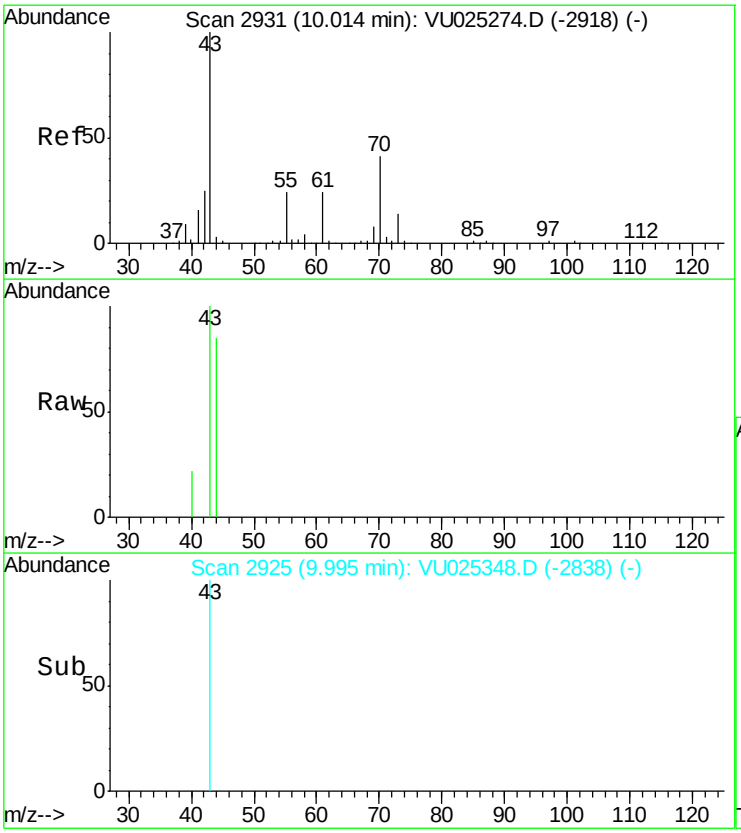
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VU025348.D
Acq: 12 Jul 2018 18:45

Instrument : MSVOA_U
ClientSampleId : PB111044ZHE#03

Tgt Ion:152 Resp: 150852

Ion	Ratio	Lower	Upper
152	100		
115	56.5	40.1	120.3
150	154.7	0.0	351.4

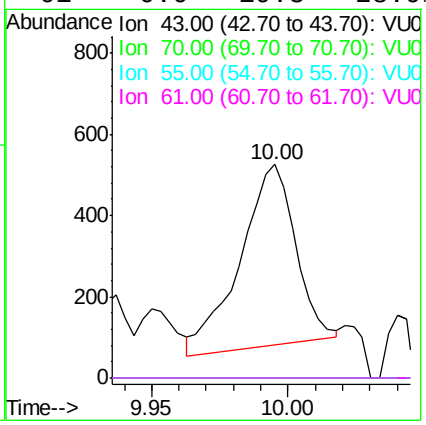


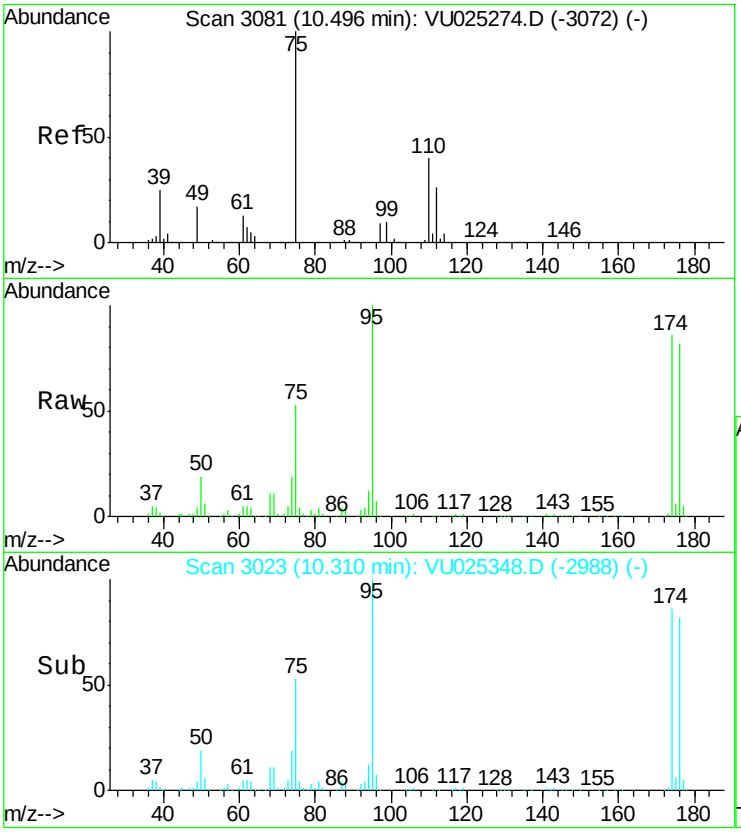


#74
N-amyl acetate
Concen: 1.40 ug/l
RT: 10.00 min Scan# 2925
Delta R.T. -0.02 min
Lab File: VU025348.D
Acq: 12 Jul 2018 18:45

Tgt Ion: 43 Resp: 630

Ion	Ratio	Lower	Upper
43	100		
70	0.0	33.4	50.2#
55	0.0	19.0	28.6#
61	0.0	19.3	28.9#



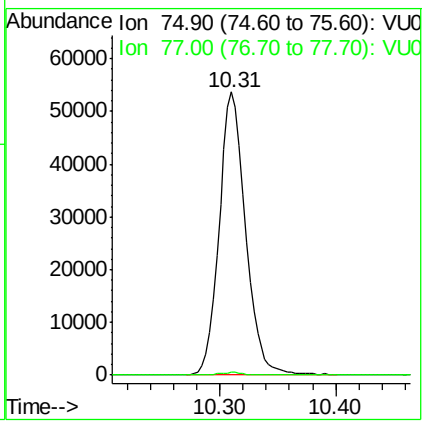


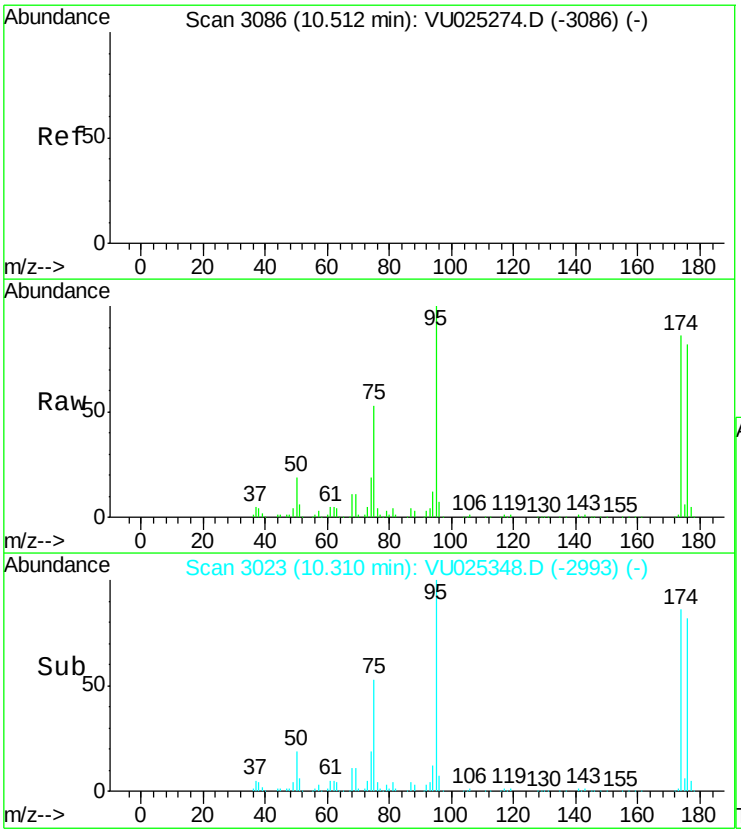
#76
1,2,3-Trichloropropane
Concen: 27.68 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. -0.19 min
Lab File: VU025348.D
Acq: 12 Jul 2018 18:45

Instrument :
MSVOA_U
ClientSampleId :
PB111044ZHE#03

Tgt Ion: 75 Resp: 84935

Ion	Ratio	Lower	Upper
75	100		
77	0.9	20.4	61.3#

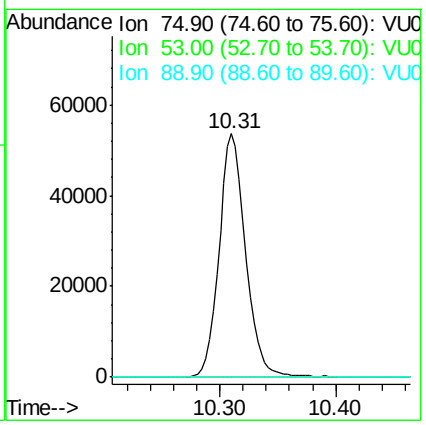


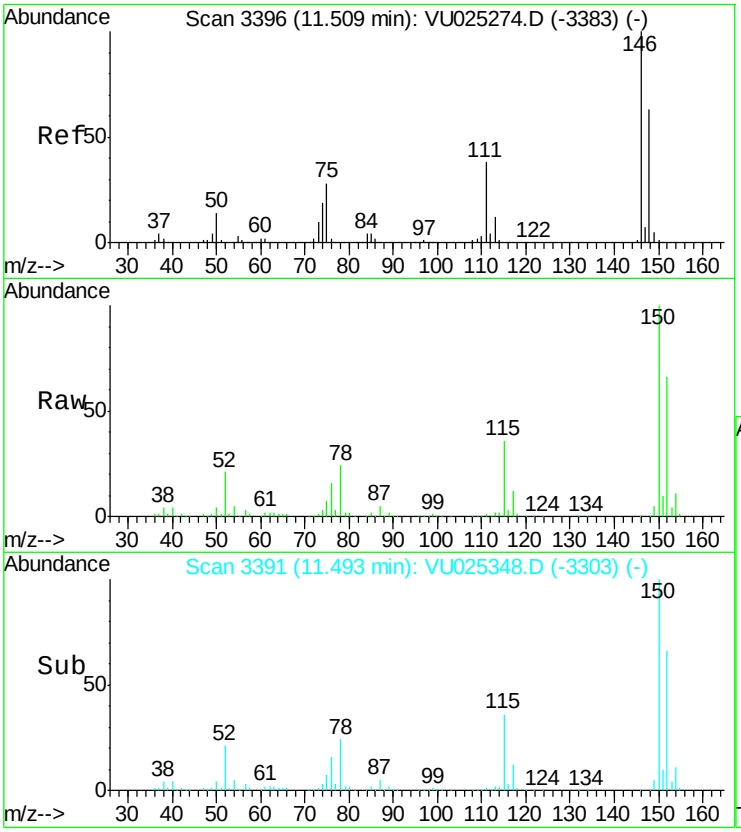


#81
trans-1,4-Dichloro-2-butene
Concen: 70.67 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. -0.20 min
Lab File: VU025348.D
Acq: 12 Jul 2018 18:45

Tgt Ion: 75 Resp: 84935

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



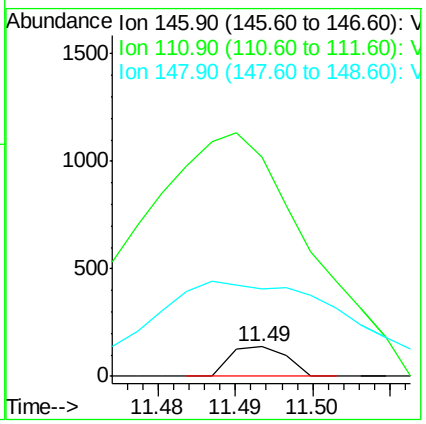


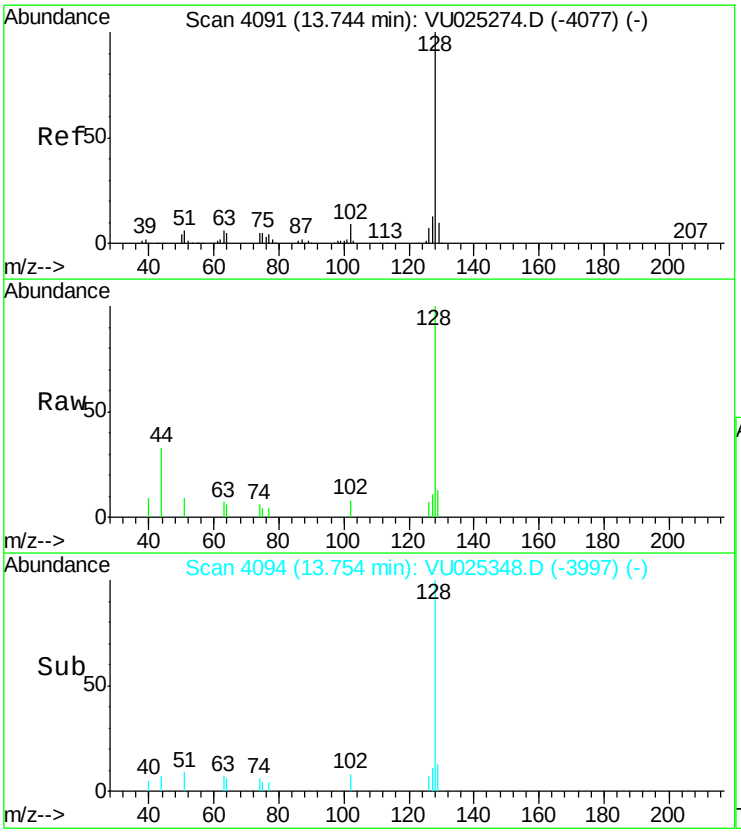
#88
1,4-Dichlorobenzene
Concen: 1.50 ug/l
RT: 11.49 min Scan# 3391
Delta R.T. -0.02 min
Lab File: VU025348.D
Acq: 12 Jul 2018 18:45

Instrument : MSVOA_U
ClientSampleId : PB111044ZHE#03

Tgt Ion:146 Resp: 70

Ion	Ratio	Lower	Upper
146	100		
111	2574.3	19.4	58.1#
148	1154.3	31.7	95.1#

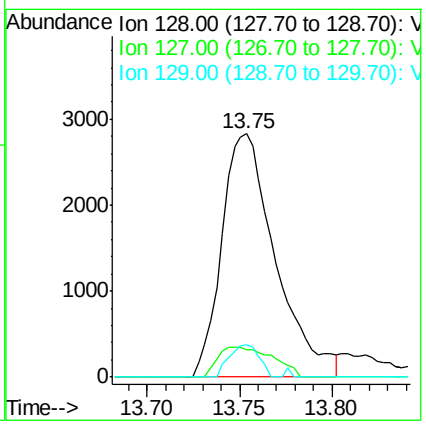


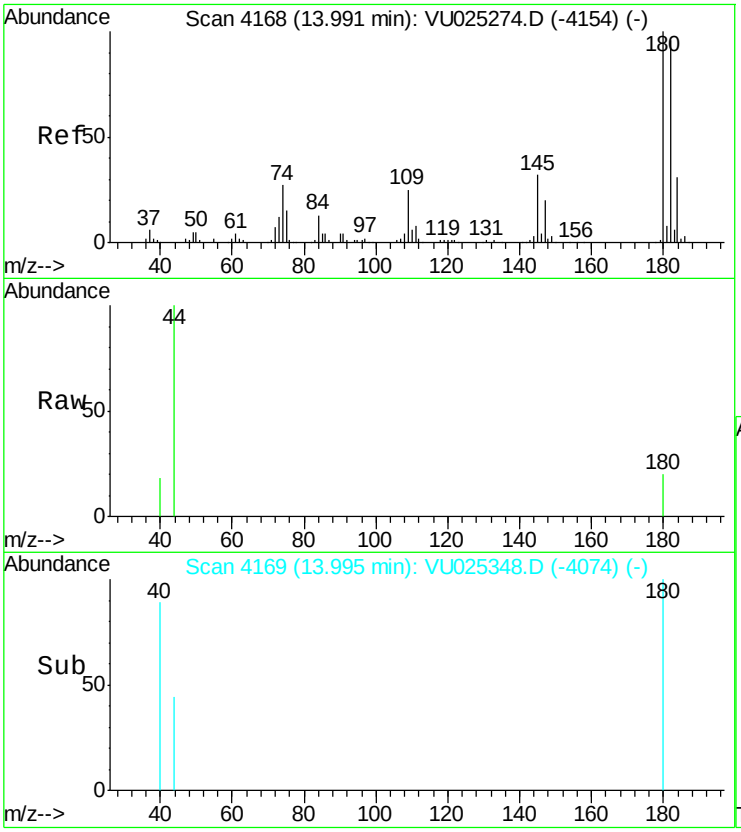


#95
Naphthalene
Concen: 2.90 ug/l
RT: 13.75 min Scan# 4094
Delta R.T. 0.01 min
Lab File: VU025348.D
Acq: 12 Jul 2018 18:45

Tgt Ion:128 Resp: 5690

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.5	15.7
129	7.3	8.3	12.5#





#96
1,2,3-Trichlorobenzene
Concen: 2.55 ug/l
RT: 13.99 min Scan# 4169
Delta R.T. 0.00 min
Lab File: VU025348.D
Acq: 12 Jul 2018 18:45

Instrument :
MSVOA_U
ClientSampleId :
PB111044ZHE#03

Tgt Ion:180 Resp: 79

Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.8	143.3#
145	0.0	15.6	46.8#