Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092318\

Quantitation Report (Not Reviewed)

Data File : VU027066.D
Acq On : 23 Sep 2018 12:34
Operator : MD/SY
Sample : VU0923WBL02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 108 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VU0923WBL02

Quant Time: Sep 24 07:12:56 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 22 01:31:57 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	100440	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	166650	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	158146	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	70916	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	102072	50.49	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.98%			
35) Dibromofluoromethane	4.88	113	69179	47.89	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.78%			
50) Toluene-d8	7.57	98	266961	48.49	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.98%			
62) 4-Bromofluorobenzene	10.31	95	85084	45.04	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.08%			
Target Compounds						Qvalue
13) Acrolein	2.20	56	68	0.272	ug/l #	51
15) Acrylonitrile	2.95	53	249	0.213	ug/l #	64
16) Acetone	2.32	43	620	Below Cal		98
17) Carbon Disulfide	2.48	76	1138	0.252	ug/l #	75
31) Cyclohexane	4.99	56	2536	0.270	ug/l #	1
36) 1,1-Dichloropropene	4.98	75	9308	4.185	ug/l #	49
38) Carbon Tetrachloride	4.98	117	10459	4.942	ug/l #	17
51) 4-Methyl-2-Pentanone	7.47	43	690	0.234	ug/l #	61
59) 2-Hexanone	8.39	43	962	0.416	ug/l	85
68) m/p-Xylenes	9.38	106	294	1.604	ug/l	90
70) Styrene	9.80	104	297	1.873	ug/l #	63
74) N-amyl acetate	10.02	43	678	0.217	ug/l #	62
76) 1,2,3-Trichloropropane	10.31	75	46438	21.555	ug/l #	36
81) trans-1,4-Dichloro-2-buten	10.31	75	46438	68.979	ug/l #	100
86) p-Isopropyltoluene	11.48	119	600	1.044	ug/l #	69
87) 1,3-Dichlorobenzene	11.42	146	651	0.265	ug/l	93
88) 1,4-Dichlorobenzene	11.42	146	651	0.243	ug/l	94
89) n-Butylbenzene	11.90	91	1200	2.626	ug/l #	90
91) 1,2-Dichlorobenzene	11.88	146	544	0.209	ug/l	87
93) 1,2,4-Trichlorobenzene	13.51	180	677	0.451	ug/l #	73
94) Hexachlorobutadiene	13.69	225	266	0.335	ug/l #	60
95) Naphthalene	13.75	128	2514	2.103	ug/l #	88
96) 1,2,3-Trichlorobenzene	13.99	180	962	0.597	ug/l #	86

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

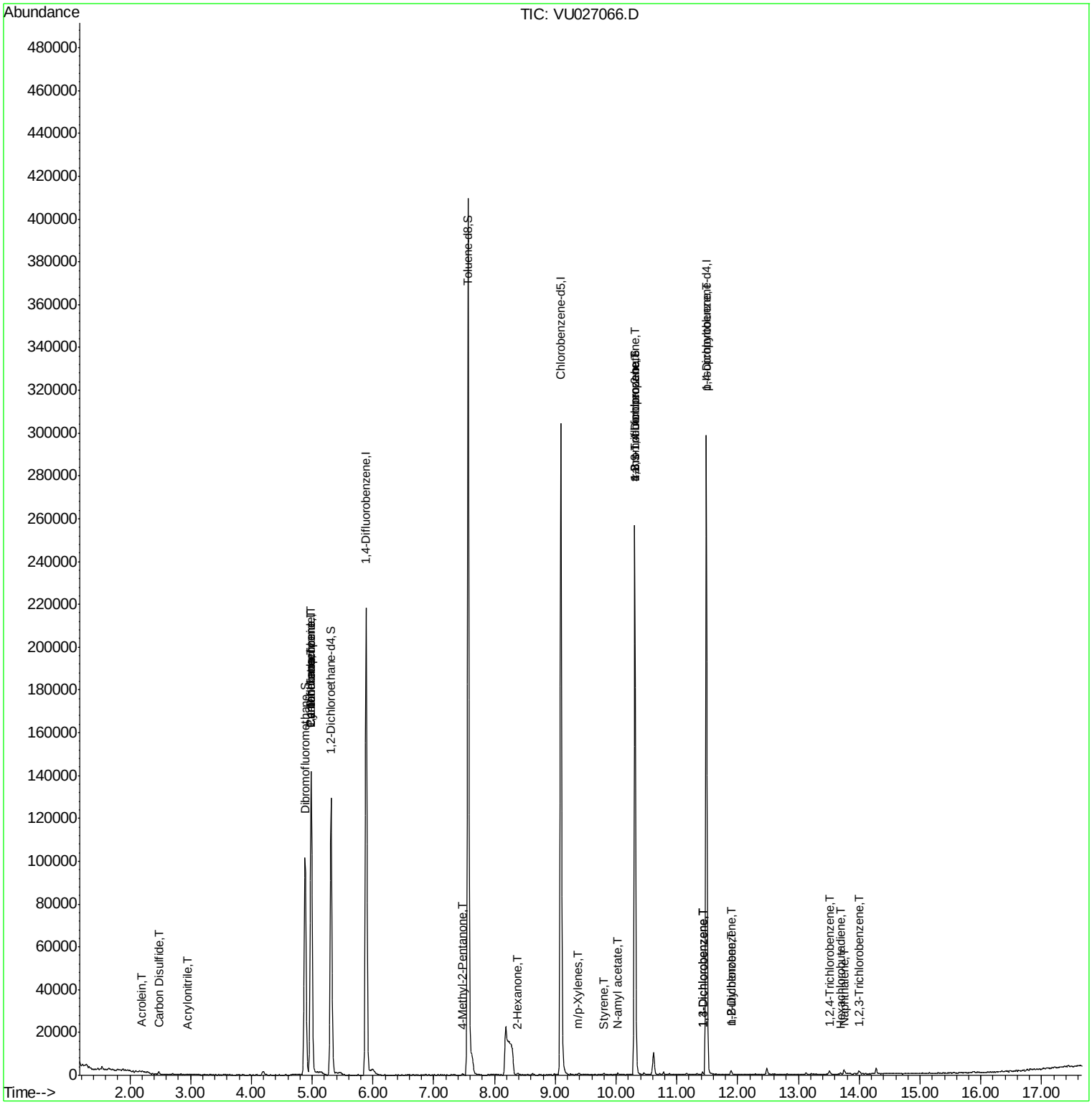
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092318\

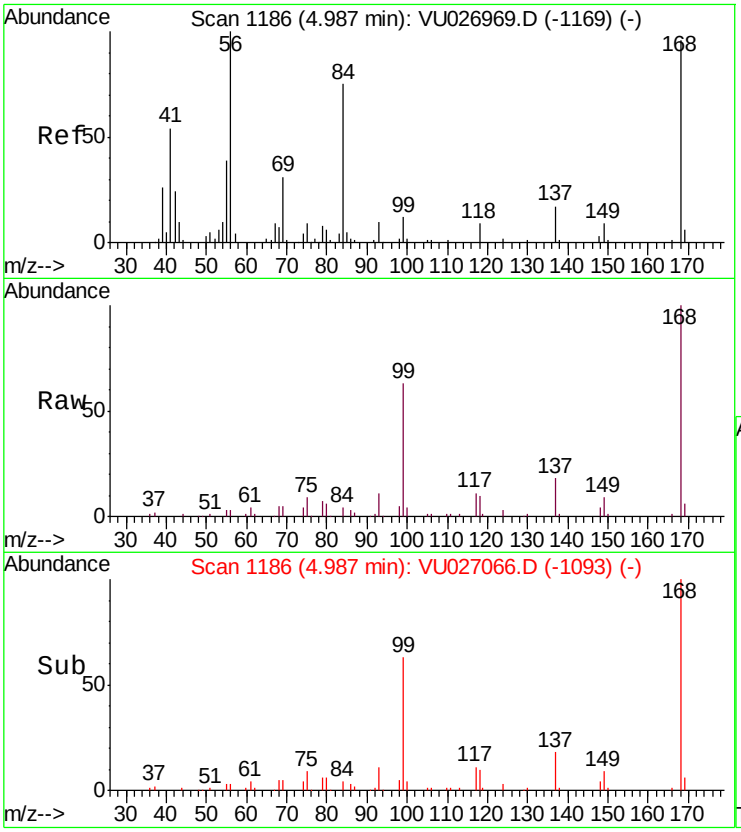
Quantitation Report (Not Reviewed)

Data File : VU027066.D
Acq On : 23 Sep 2018 12:34
Operator : MD/SY
Sample : VU0923WBL02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 108 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VU0923WBL02

Quant Time: Sep 24 07:12:56 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 22 01:31:57 2018
Response via : Initial Calibration



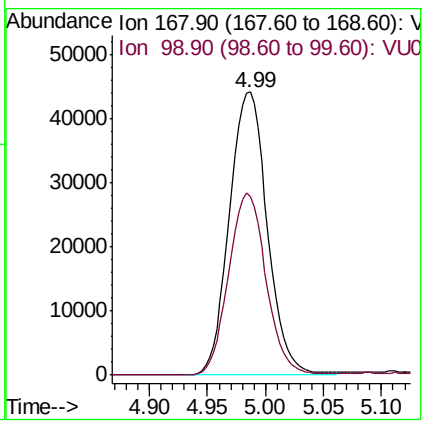


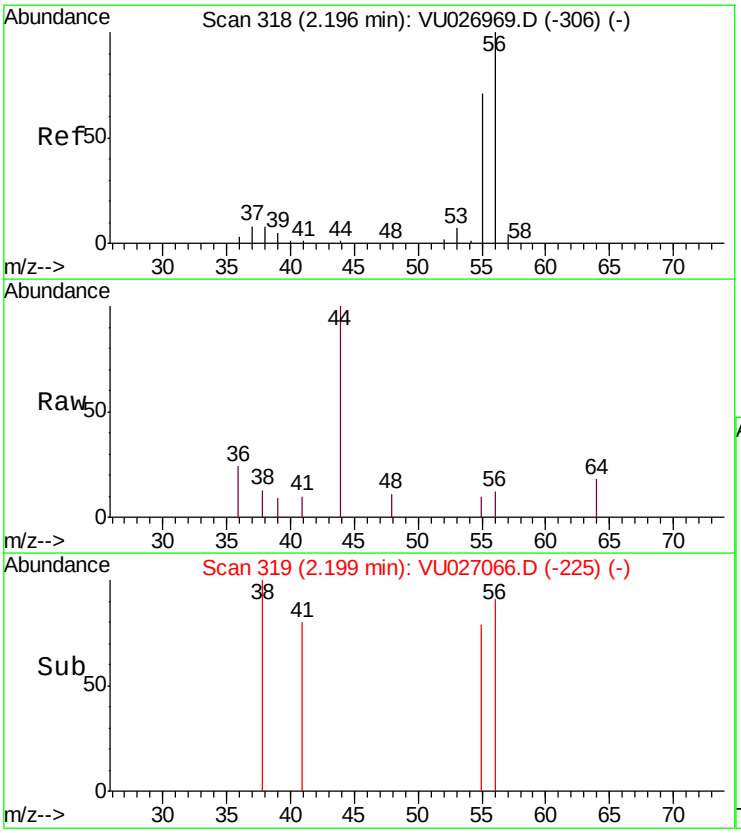
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. 0.00 min
Lab File: VU027066.D
Acq: 23 Sep 2018 12:34

Instrument :
MSVOA_U
ClientSampleId :
VU0923WBL02

Tgt Ion:168 Resp: 100440

Ion	Ratio	Lower	Upper
168	100		
99	63.3	48.1	72.1

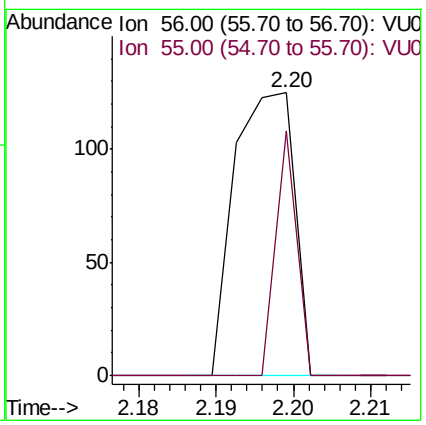


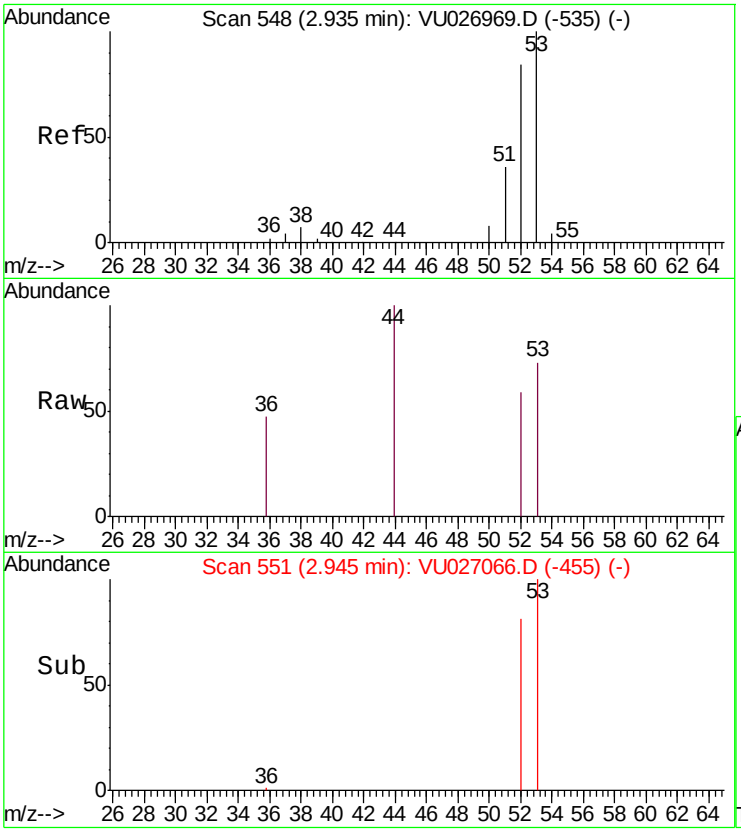


#13
Acrolein
Concen: 0.272 ug/l
RT: 2.20 min Scan# 319
Delta R.T. 0.00 min
Lab File: VU027066.D
Acq: 23 Sep 2018 12:34

Tgt Ion: 56 Resp: 68

Ion	Ratio	Lower	Upper
56	100		
55	30.9	57.1	85.7#



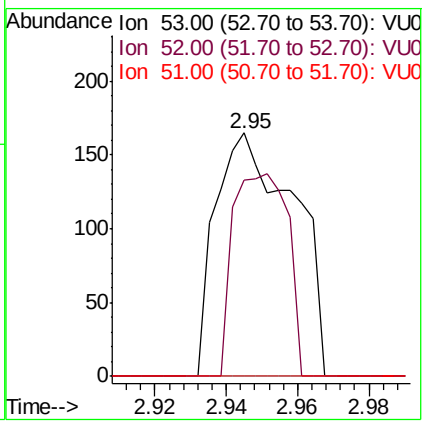


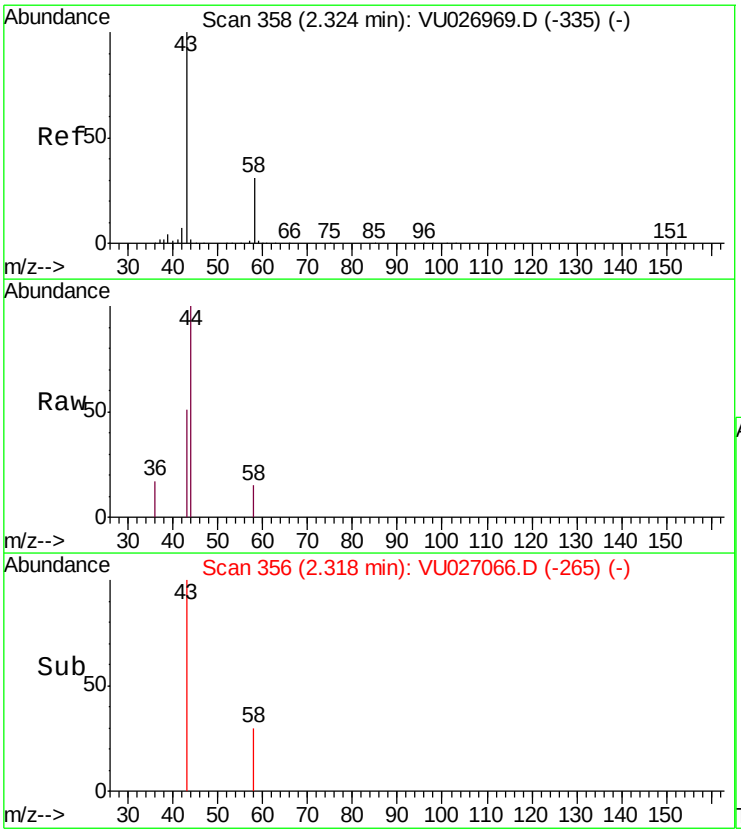
#15
Acrylonitrile
Concen: 0.213 ug/l
RT: 2.95 min Scan# 551
Delta R.T. 0.01 min
Lab File: VU027066.D
Acq: 23 Sep 2018 12:34

Instrument : MSVOA_U
ClientSampleId : VU0923WBL02

Tgt Ion: 53 Resp: 249

Ion	Ratio	Lower	Upper
53	100		
52	58.2	65.7	98.5#
51	0.0	27.4	41.2#

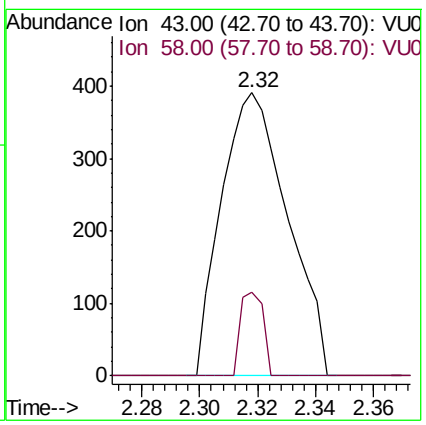


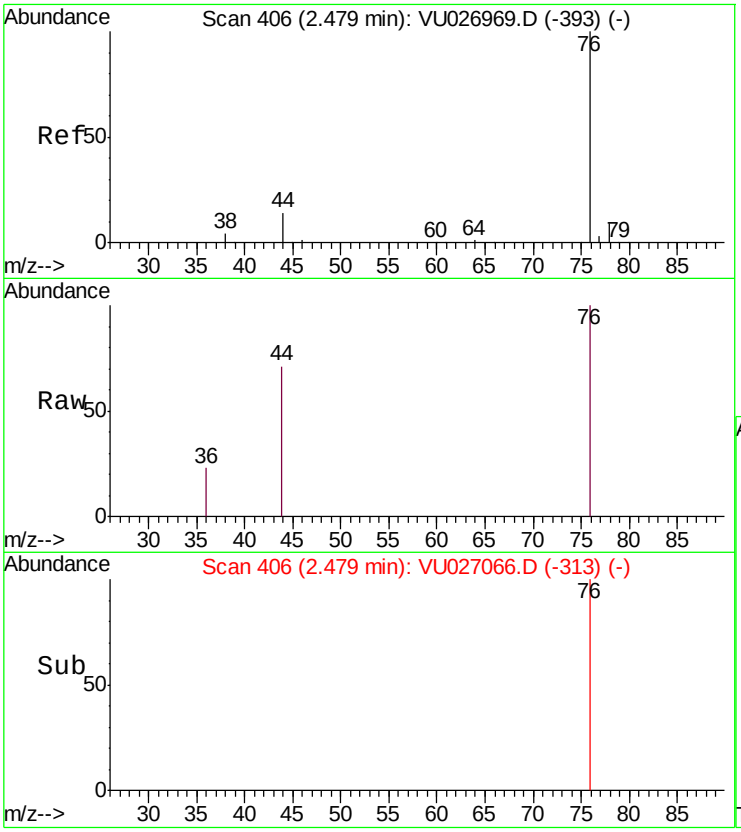


#16
Acetone
Concen: Below Cal
RT: 2.32 min Scan# 356
Delta R.T. -0.01 min
Lab File: VU027066.D
Acq: 23 Sep 2018 12:34

Tgt Ion: 43 Resp: 620

Ion	Ratio	Lower	Upper
43	100		
58	29.7	24.6	36.8



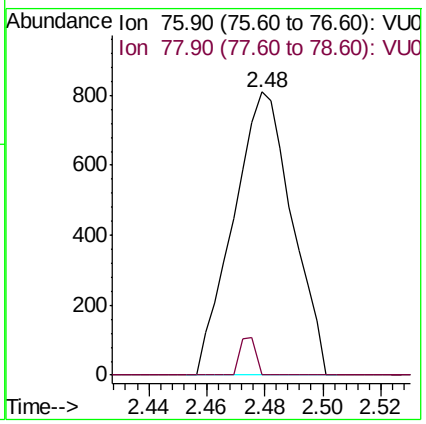


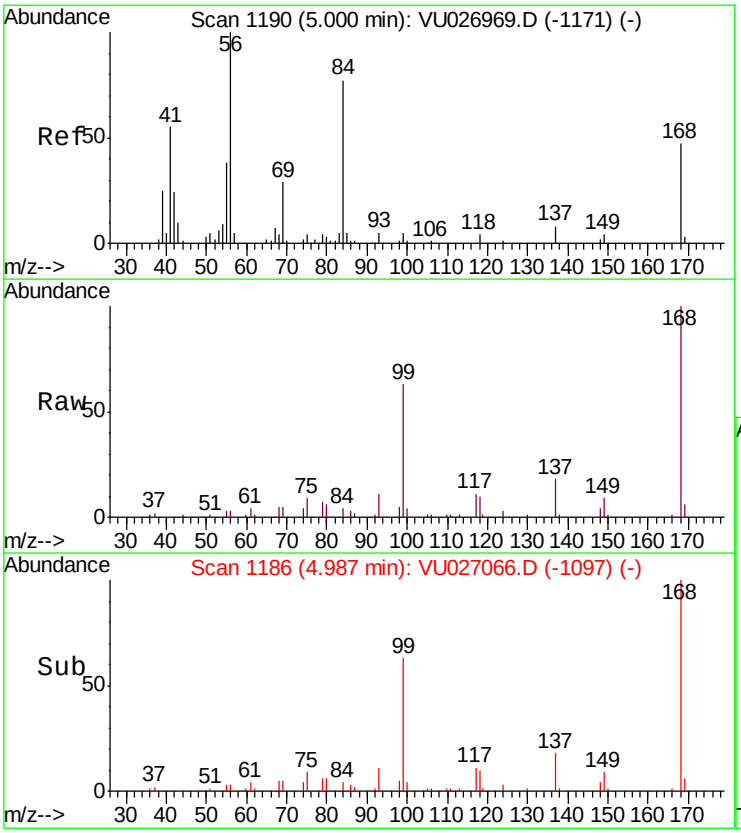
#17
Carbon Disulfide
Concen: 0.252 ug/l
RT: 2.48 min Scan# 406
Delta R.T. 0.00 min
Lab File: VU027066.D
Acq: 23 Sep 2018 12:34

Instrument : MSVOA_U
ClientSampleId : VU0923WBL02

Tgt Ion: 76 Resp: 1138

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.1	10.7#

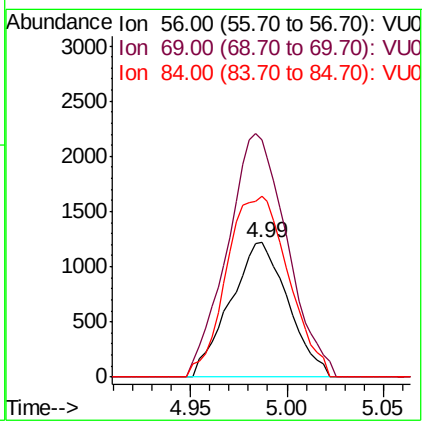


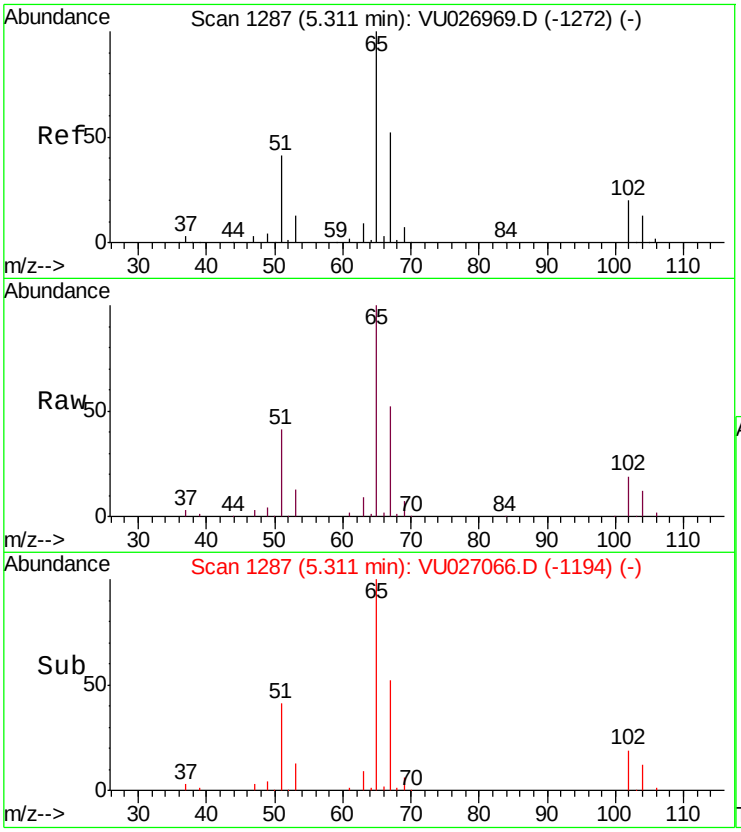


#31
Cyclohexane
Concen: 0.270 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.01 min
Lab File: VU027066.D
Acq: 23 Sep 2018 12:34

Tgt Ion: 56 Resp: 2536

Ion	Ratio	Lower	Upper
56	100		
69	176.5	23.0	34.4#
84	135.0	61.4	92.2#



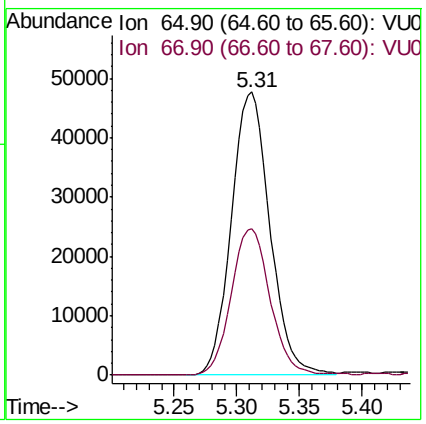


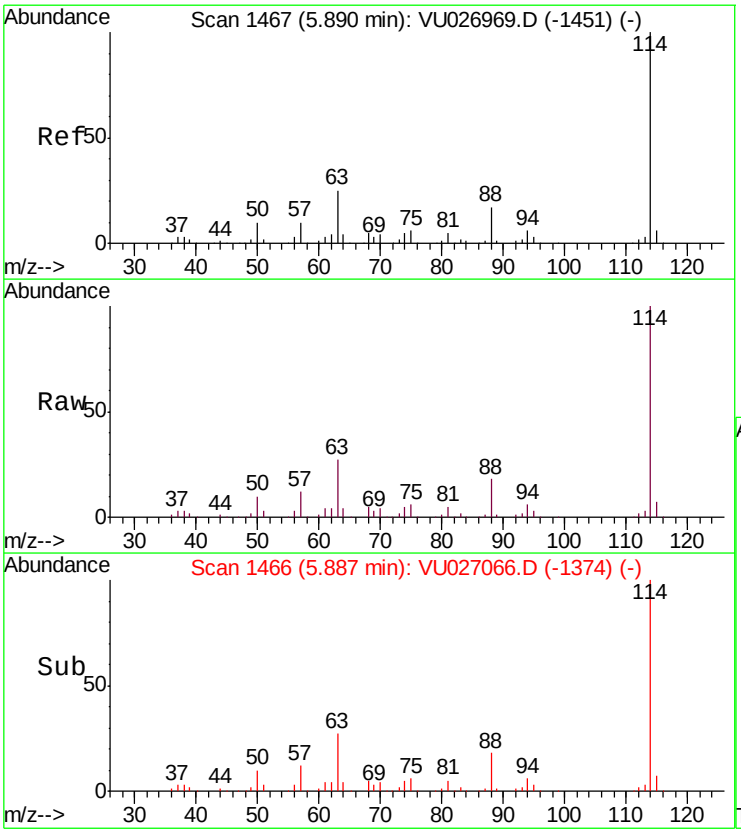
#33
1,2-Dichloroethane-d4
Concen: 50.493 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. 0.00 min
Lab File: VU027066.D
Acq: 23 Sep 2018 12:34

Instrument : MSVOA_U
ClientSampleId : VU0923WBL02

Tgt Ion: 65 Resp: 102072

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	105.6

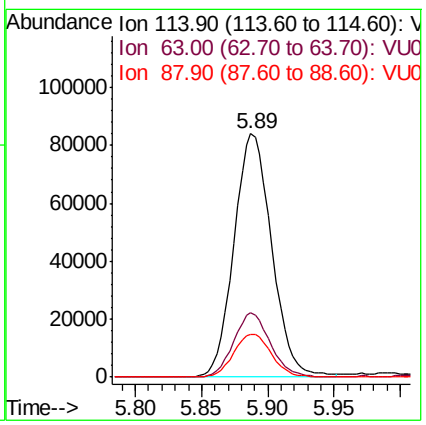


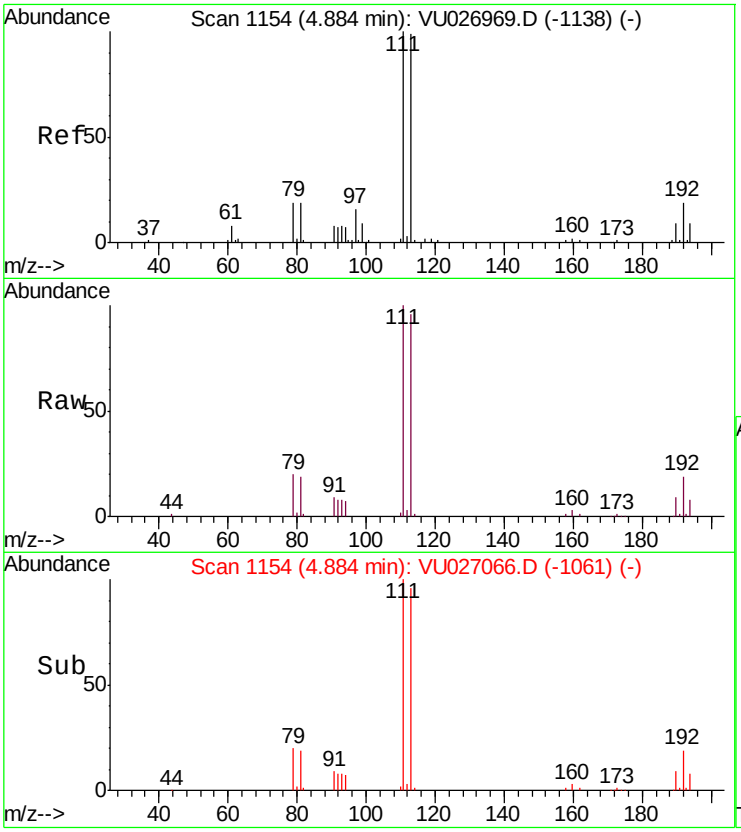


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.89 min Scan# 1466
Delta R.T. -0.00 min
Lab File: VU027066.D
Acq: 23 Sep 2018 12:34

Tgt Ion:114 Resp: 166650

Ion	Ratio	Lower	Upper
114	100		
63	26.5	0.0	49.2
88	17.7	0.0	33.8



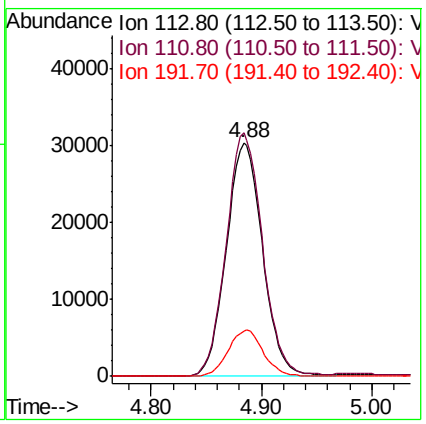


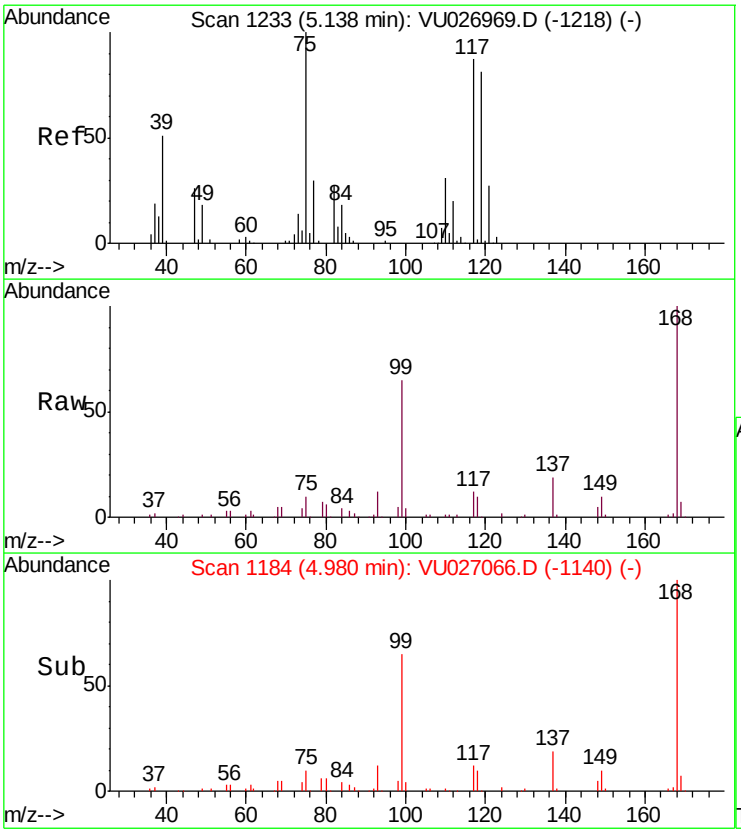
#35
Dibromofluoromethane
Concen: 47.890 ug/l
RT: 4.88 min Scan# 1154
Delta R.T. 0.00 min
Lab File: VU027066.D
Acq: 23 Sep 2018 12:34

Instrument :
MSVOA_U
ClientSampleId :
VU0923WBL02

Tgt Ion:113 Resp: 69179

Ion	Ratio	Lower	Upper
113	100		
111	104.4	82.2	123.4
192	19.2	15.2	22.8

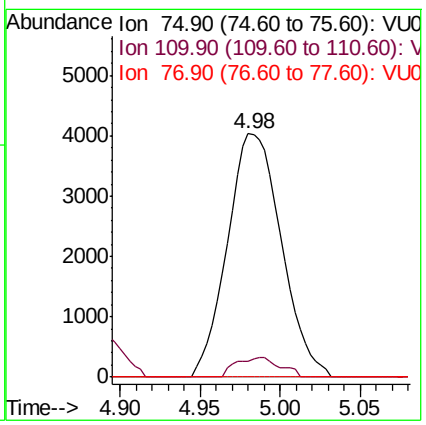


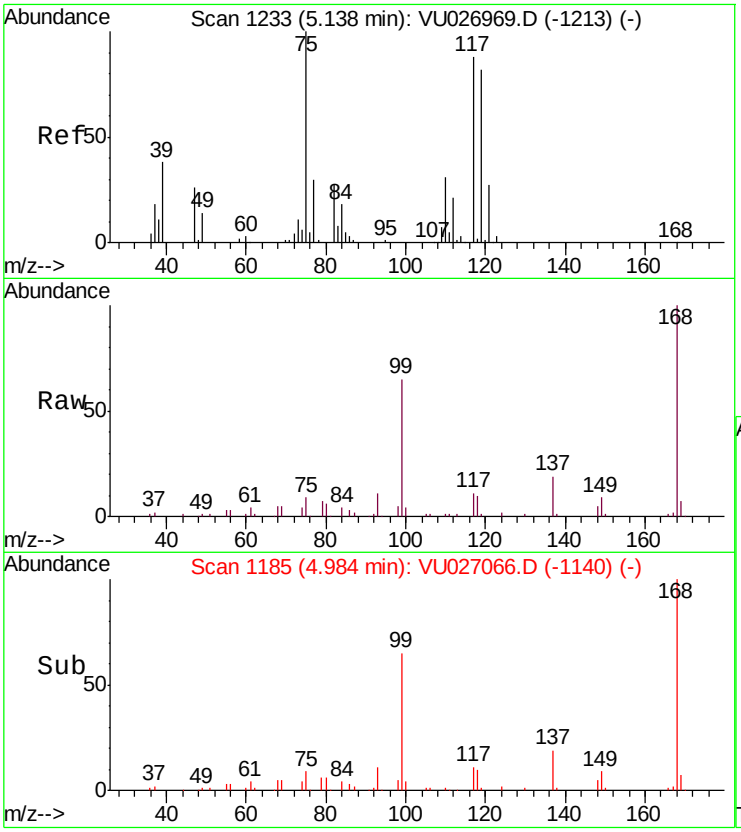


#36
1,1-Dichloropropene
Concen: 4.185 ug/l
RT: 4.98 min Scan# 1184
Delta R.T. -0.16 min
Lab File: VU027066.D
Acq: 23 Sep 2018 12:34

Tgt Ion: 75 Resp: 9308

Ion	Ratio	Lower	Upper
75	100		
110	6.6	16.1	48.2#
77	0.0	24.6	36.8#



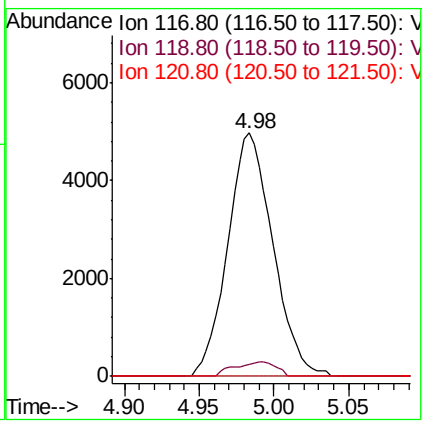


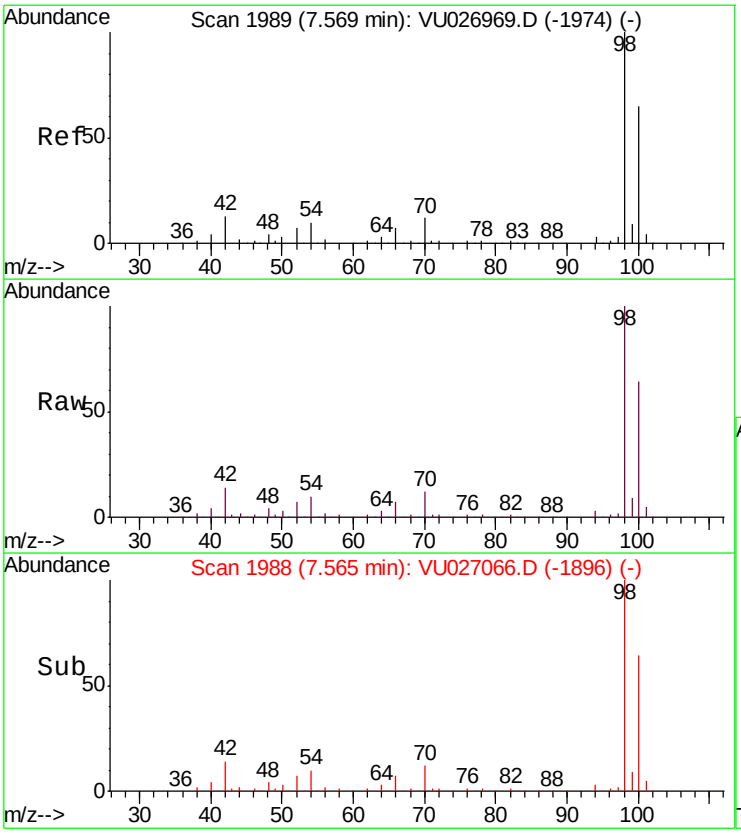
#38
Carbon Tetrachloride
Concen: 4.942 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.15 min
Lab File: VU027066.D
Acq: 23 Sep 2018 12:34

Instrument :
MSVOA_U
ClientSampleId :
VU0923WBL02

Tgt Ion:117 Resp: 10459

Ion	Ratio	Lower	Upper
117	100		
119	4.9	74.4	111.6#
121	0.0	24.2	36.4#

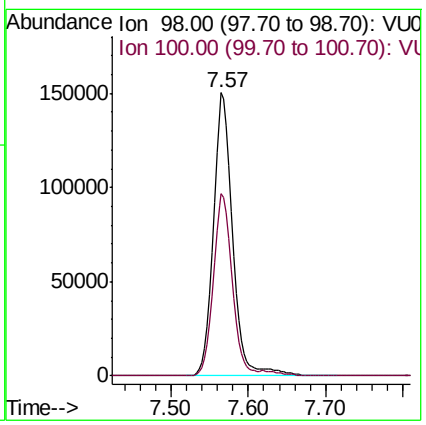


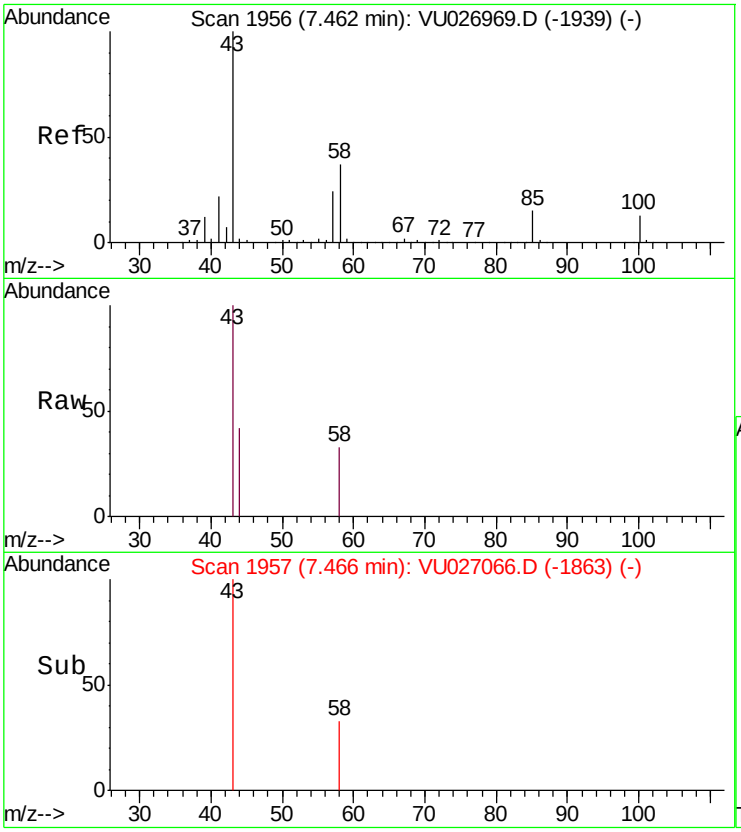


#50
Toluene-d8
Concen: 48.493 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU027066.D
Acq: 23 Sep 2018 12:34

Tgt Ion: 98 Resp: 266961

Ion	Ratio	Lower	Upper
98	100		
100	62.6	52.1	78.1



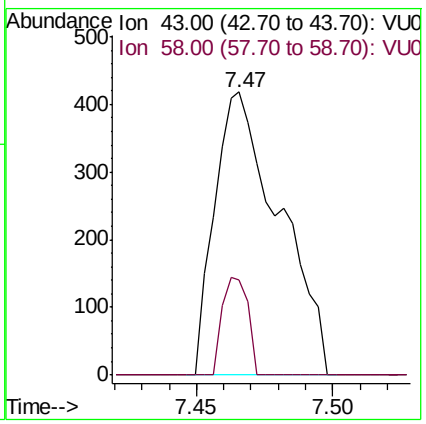


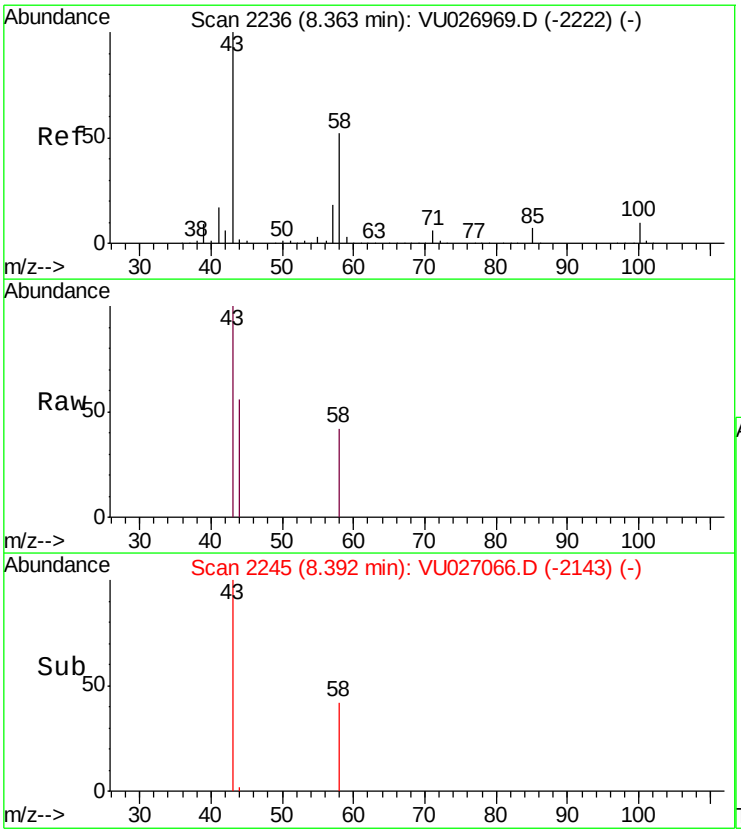
#51
4-Methyl-2-Pentanone
Concen: 0.234 ug/l
RT: 7.47 min Scan# 1957
Delta R.T. 0.00 min
Lab File: VU027066.D
Acq: 23 Sep 2018 12:34

Instrument :
MSVOA_U
ClientSampleId :
VU0923WBL02

Tgt Ion: 43 Resp: 690

Ion	Ratio	Lower	Upper
43	100		
58	13.8	29.8	44.6#

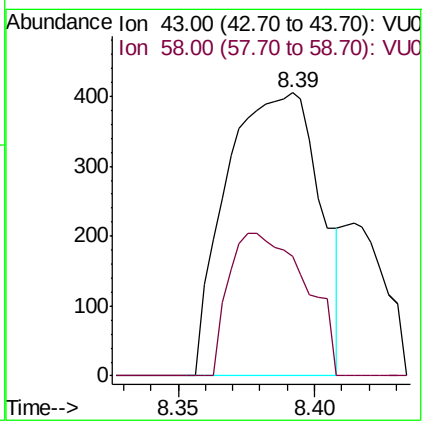


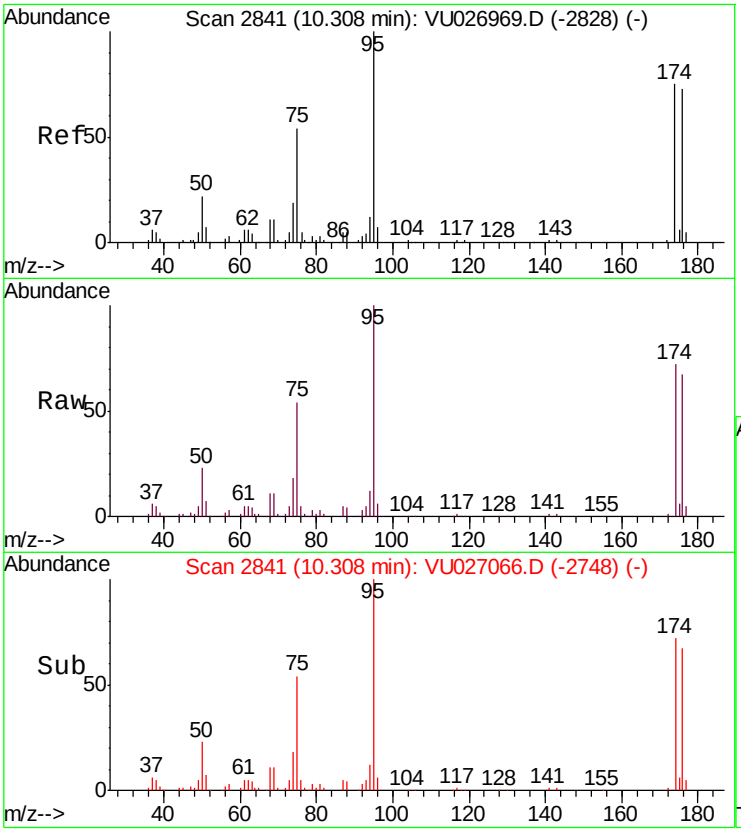


#59
2-Hexanone
Concen: 0.416 ug/l
RT: 8.39 min Scan# 2245
Delta R.T. 0.03 min
Lab File: VU027066.D
Acq: 23 Sep 2018 12:34

Tgt Ion: 43 Resp: 962

Ion	Ratio	Lower	Upper
43	100		
58	41.5	26.1	78.2



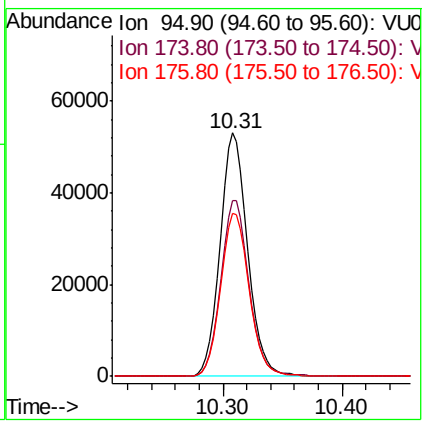


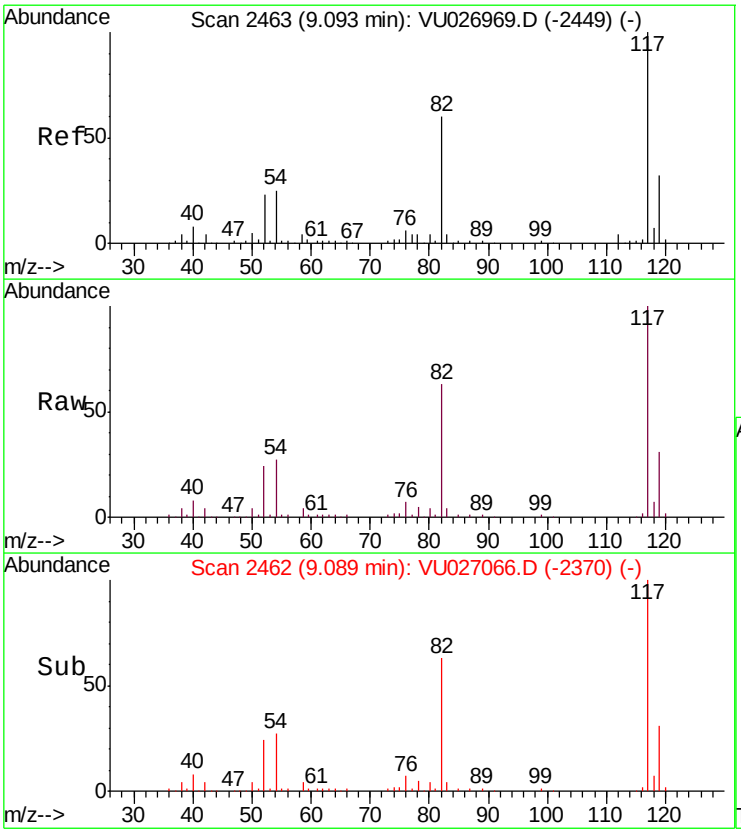
#62
4-Bromofluorobenzene
Concen: 45.042 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU027066.D
Acq: 23 Sep 2018 12:34

Instrument : MSVOA_U
ClientSampleId : VU0923WBL02

Tgt Ion: 95 Resp: 85084

Ion	Ratio	Lower	Upper
95	100		
174	73.7	0.0	150.2
176	69.6	0.0	145.2

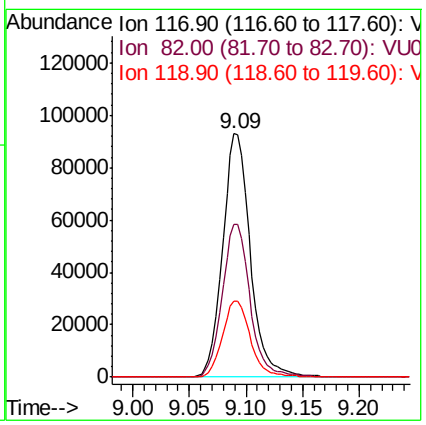


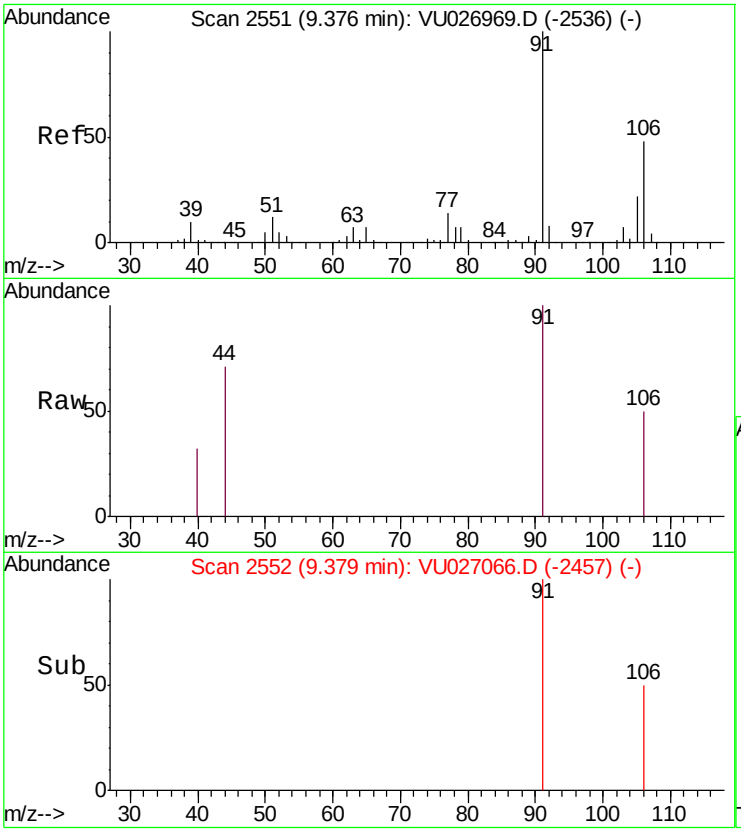


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027066.D
Acq: 23 Sep 2018 12:34

Tgt Ion:117 Resp: 158146

Ion	Ratio	Lower	Upper
117	100		
82	62.8	48.0	72.0
119	31.5	25.8	38.8



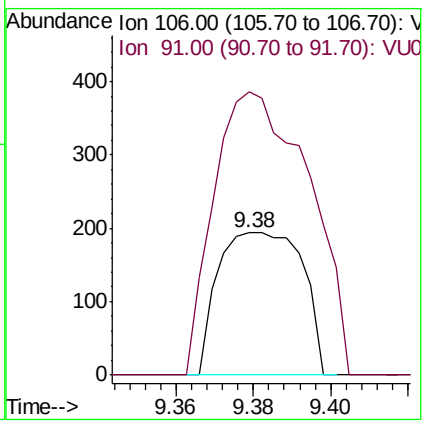


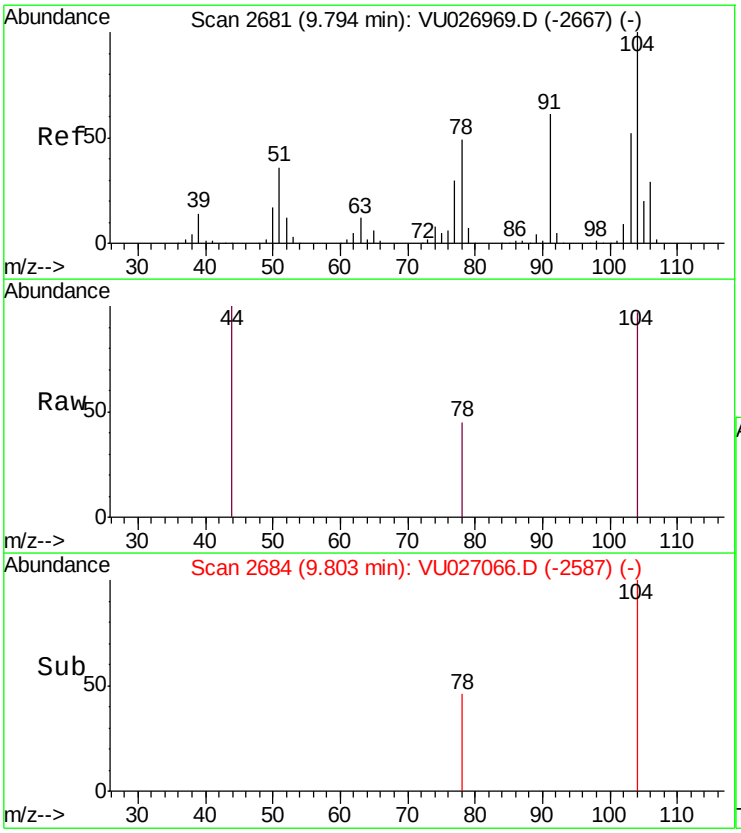
#68
m/p-Xylenes
Concen: 1.604 ug/l
RT: 9.38 min Scan# 2552
Delta R.T. 0.00 min
Lab File: VU027066.D
Acq: 23 Sep 2018 12:34

Instrument : MSVOA_U
ClientSampleId : VU0923WBL02

Tgt Ion:106 Resp: 294

Ion	Ratio	Lower	Upper
106	100		
91	223.5	166.5	249.7

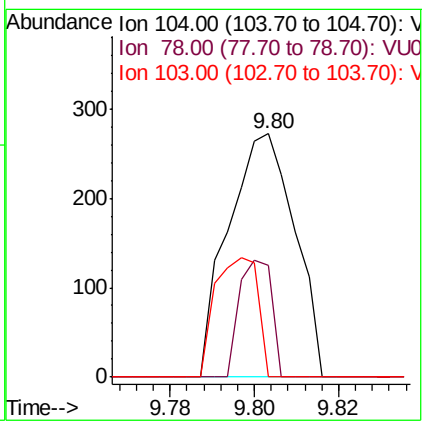


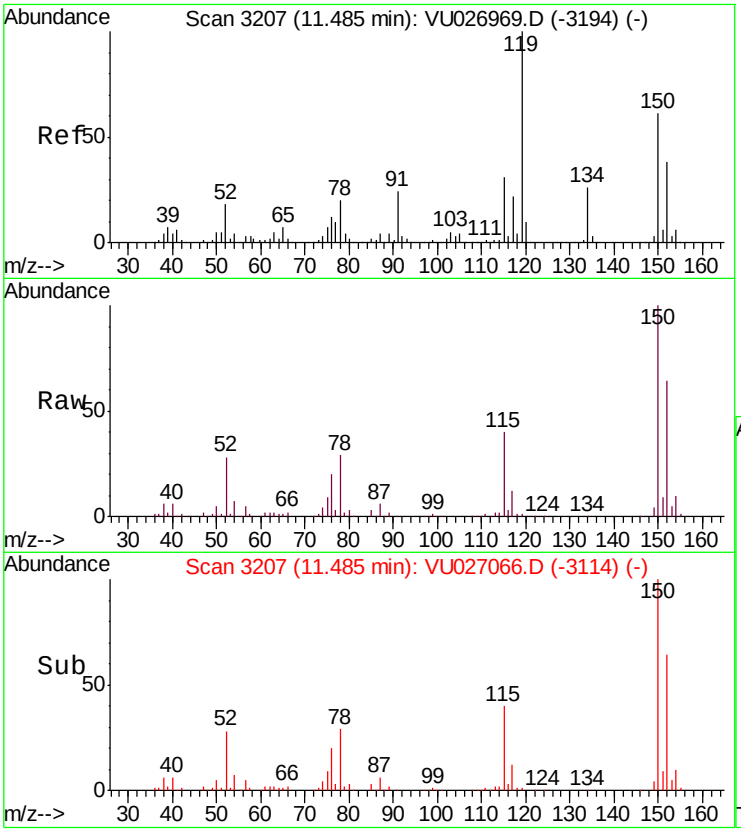


#70
Styrene
Concen: 1.873 ug/l
RT: 9.80 min Scan# 2684
Delta R.T. 0.01 min
Lab File: VU027066.D
Acq: 23 Sep 2018 12:34

Tgt Ion:104 Resp: 297

Ion	Ratio	Lower	Upper
104	100		
78	23.9	43.0	64.4#
103	31.6	44.1	66.1#



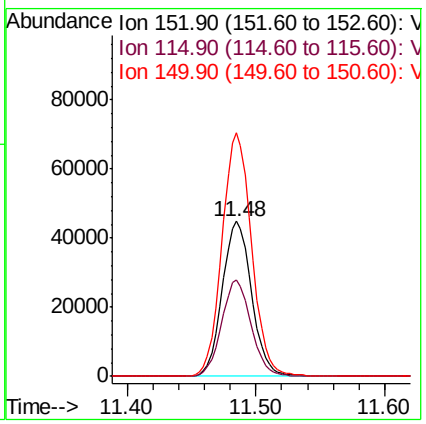


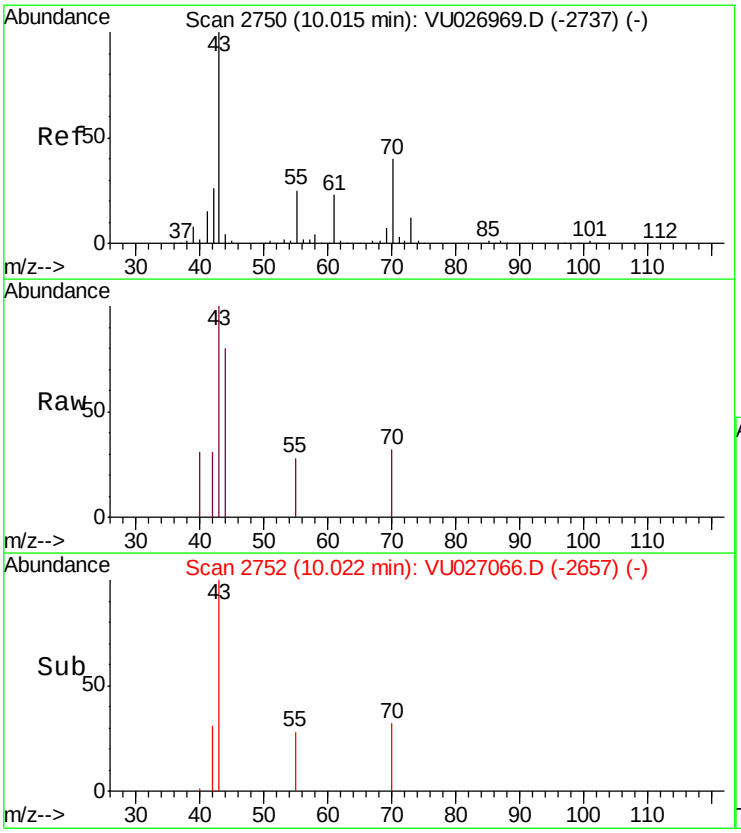
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU027066.D
Acq: 23 Sep 2018 12:34

Instrument : MSVOA_U
ClientSampleId : VU0923WBL02

Tgt Ion:152 Resp: 70916

Ion	Ratio	Lower	Upper
152	100		
115	62.1	44.9	134.5
150	157.6	0.0	355.8

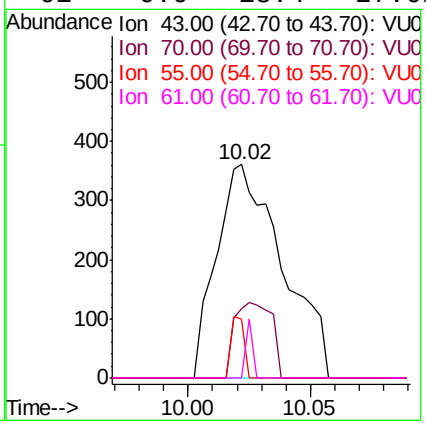


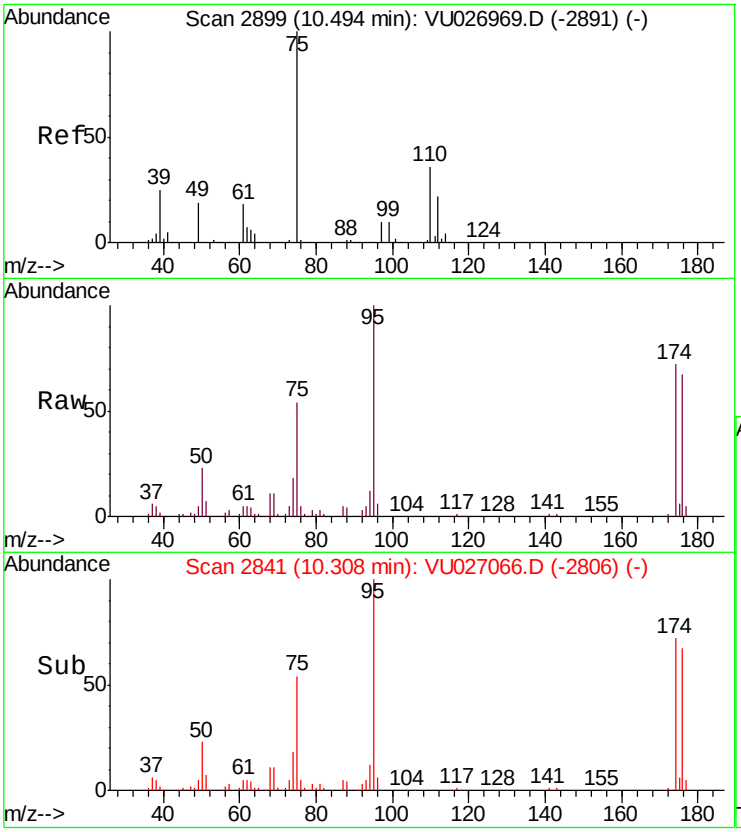


#74
N-amyl acetate
Concen: 0.217 ug/l
RT: 10.02 min Scan# 2752
Delta R.T. 0.01 min
Lab File: VU027066.D
Acq: 23 Sep 2018 12:34

Tgt Ion: 43 Resp: 678

Ion	Ratio	Lower	Upper
43	100		
70	19.6	31.8	47.8#
55	5.8	19.9	29.9#
61	0.0	18.4	27.6#



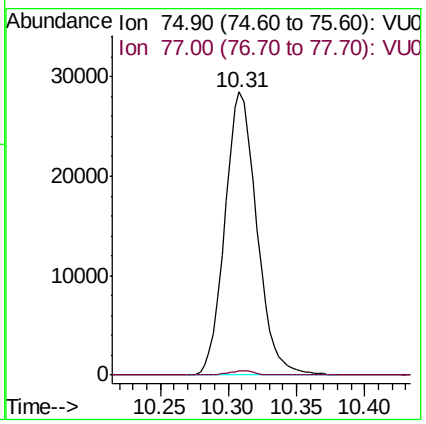


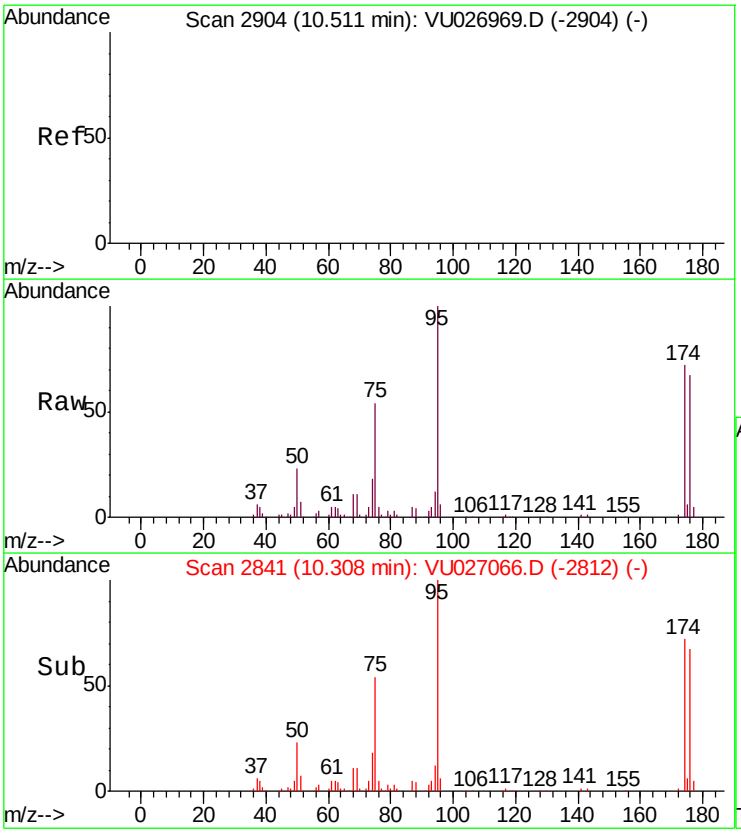
#76
1,2,3-Trichloropropane
Concen: 21.555 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.19 min
Lab File: VU027066.D
Acq: 23 Sep 2018 12:34

Instrument : MSVOA_U
ClientSampleId : VU0923WBL02

Tgt Ion: 75 Resp: 46438

Ion	Ratio	Lower	Upper
75	100		
77	1.2	20.9	62.8#

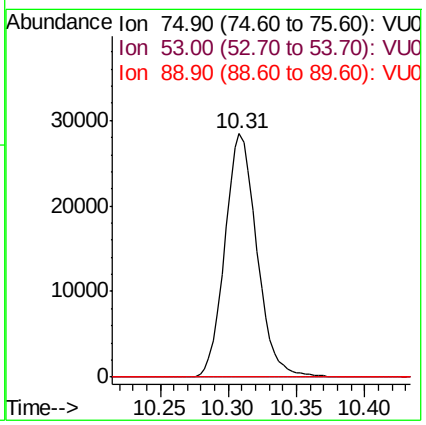


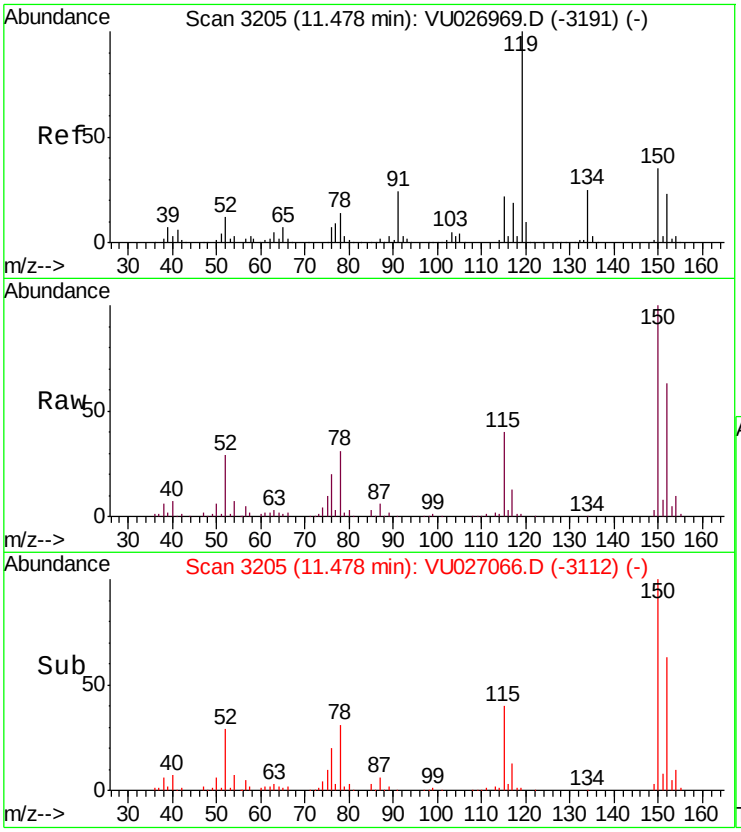


#81
trans-1,4-Dichloro-2-butene
Concen: 68.979 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.21 min
Lab File: VU027066.D
Acq: 23 Sep 2018 12:34

Tgt Ion: 75 Resp: 46438

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



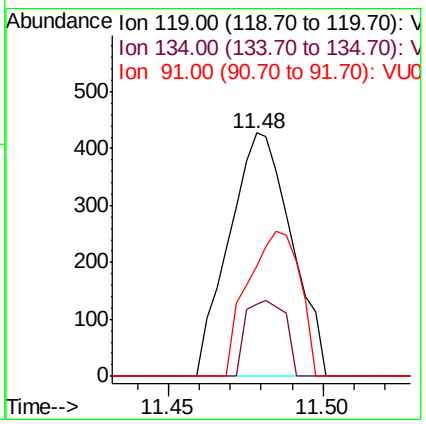


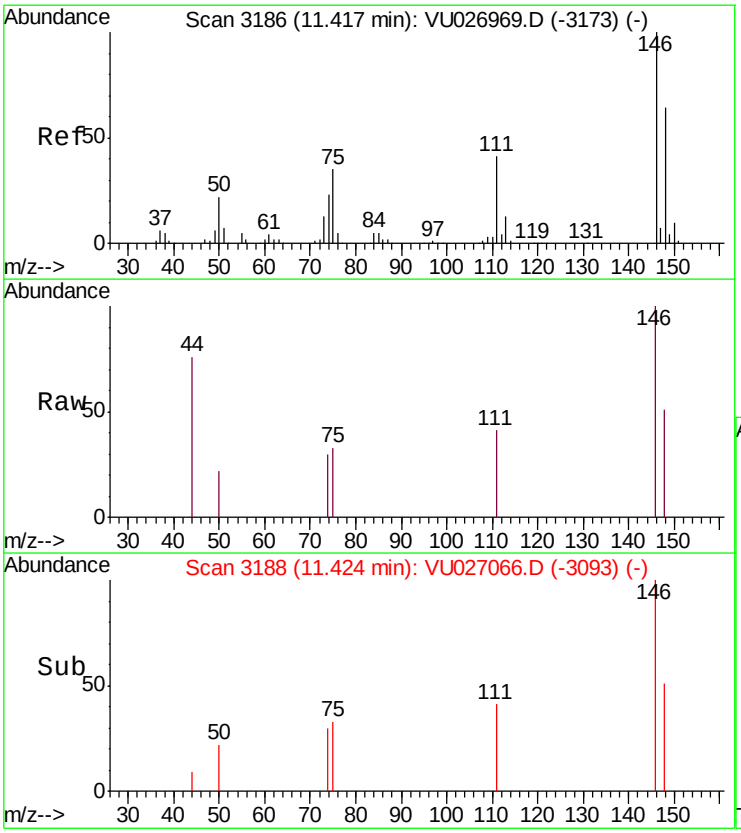
#86
p-Isopropyltoluene
Concen: 1.044 ug/l
RT: 11.48 min Scan# 3205
Delta R.T. 0.00 min
Lab File: VU027066.D
Acq: 23 Sep 2018 12:34

Instrument : MSVOA_U
ClientSampleId : VU0923WBL02

Tgt Ion:119 Resp: 600

Ion	Ratio	Lower	Upper
119	100		
134	19.7	12.8	38.3
91	49.8	12.3	36.8#

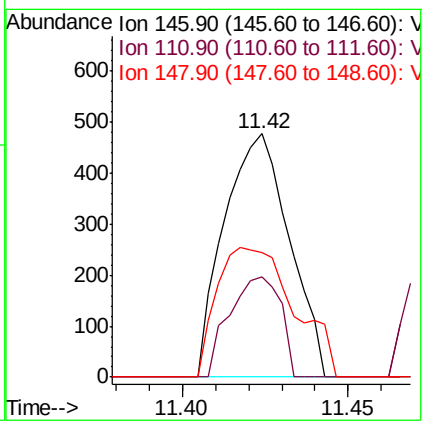


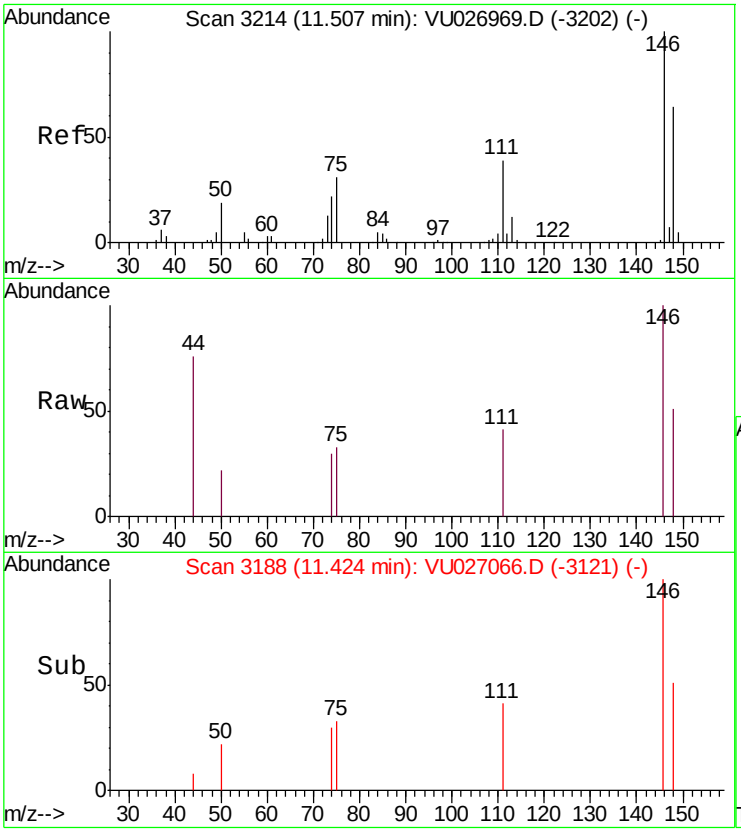


#87
1,3-Dichlorobenzene
Concen: 0.265 ug/l
RT: 11.42 min Scan# 3188
Delta R.T. 0.01 min
Lab File: VU027066.D
Acq: 23 Sep 2018 12:34

Tgt Ion:146 Resp: 651

Ion	Ratio	Lower	Upper
146	100		
111	32.1	20.8	62.2
148	63.3	32.0	96.2



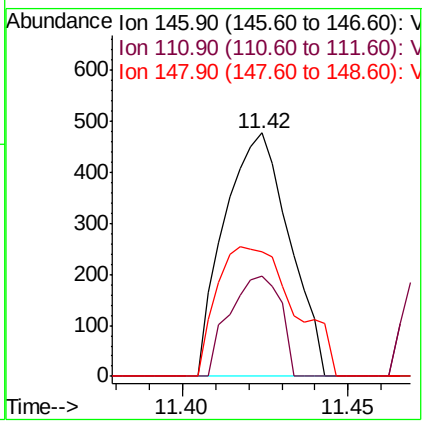


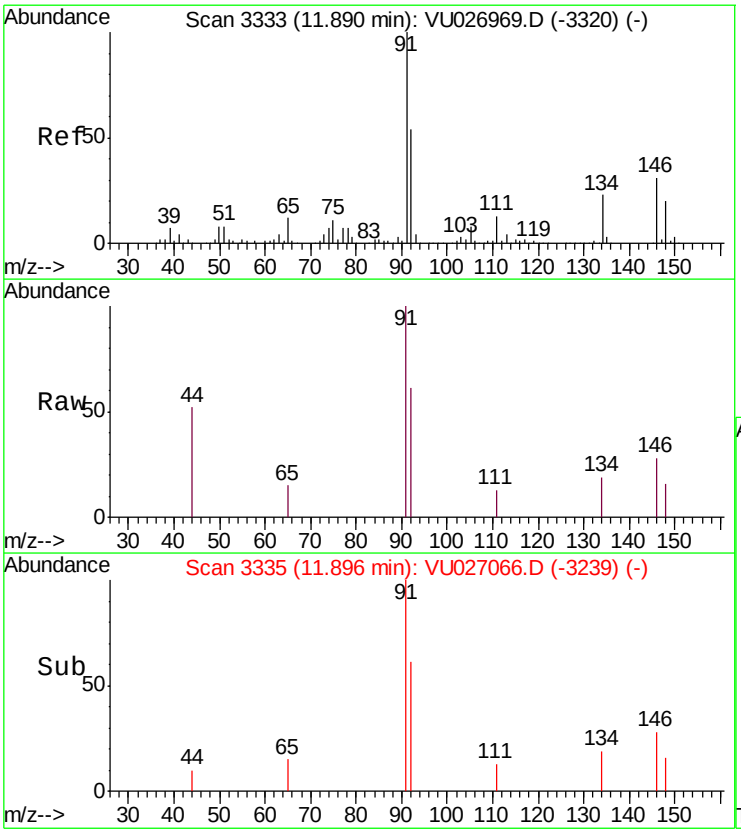
#88
1,4-Dichlorobenzene
Concen: 0.243 ug/l
RT: 11.42 min Scan# 3188
Delta R.T. -0.08 min
Lab File: VU027066.D
Acq: 23 Sep 2018 12:34

Instrument : MSVOA_U
ClientSampleId : VU0923WBL02

Tgt Ion:146 Resp: 651

Ion	Ratio	Lower	Upper
146	100		
111	32.1	20.3	60.9
148	63.3	31.9	95.9

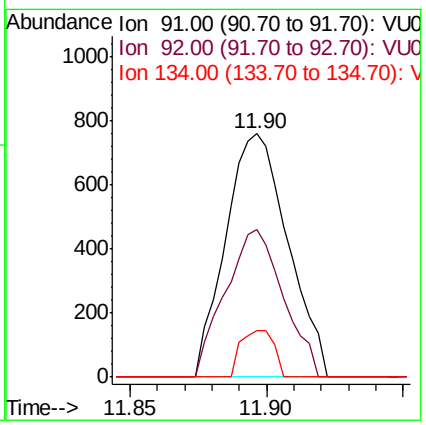


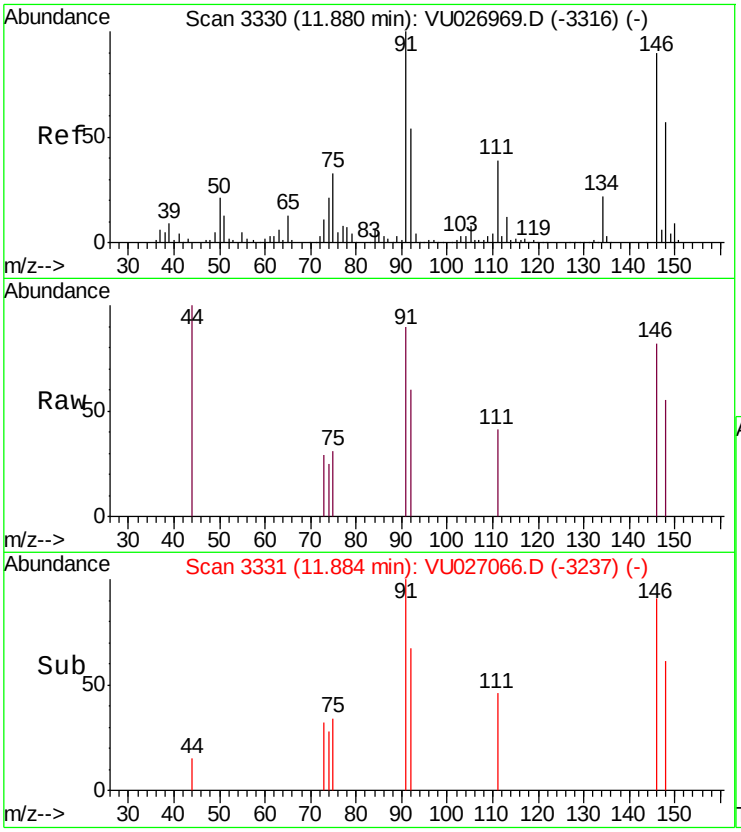


#89
n-Butylbenzene
Concen: 2.626 ug/l
RT: 11.90 min Scan# 3335
Delta R.T. 0.01 min
Lab File: VU027066.D
Acq: 23 Sep 2018 12:34

Tgt Ion: 91 Resp: 1200

Ion	Ratio	Lower	Upper
91	100		
92	56.4	27.1	81.2
134	10.1	11.7	35.0#



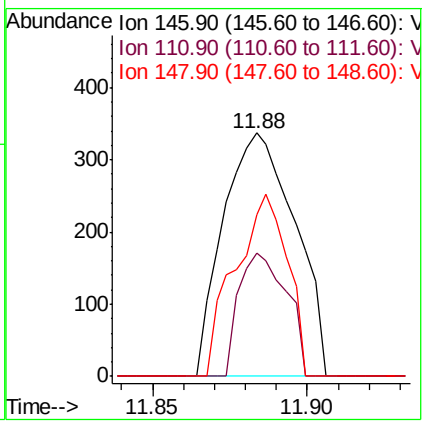


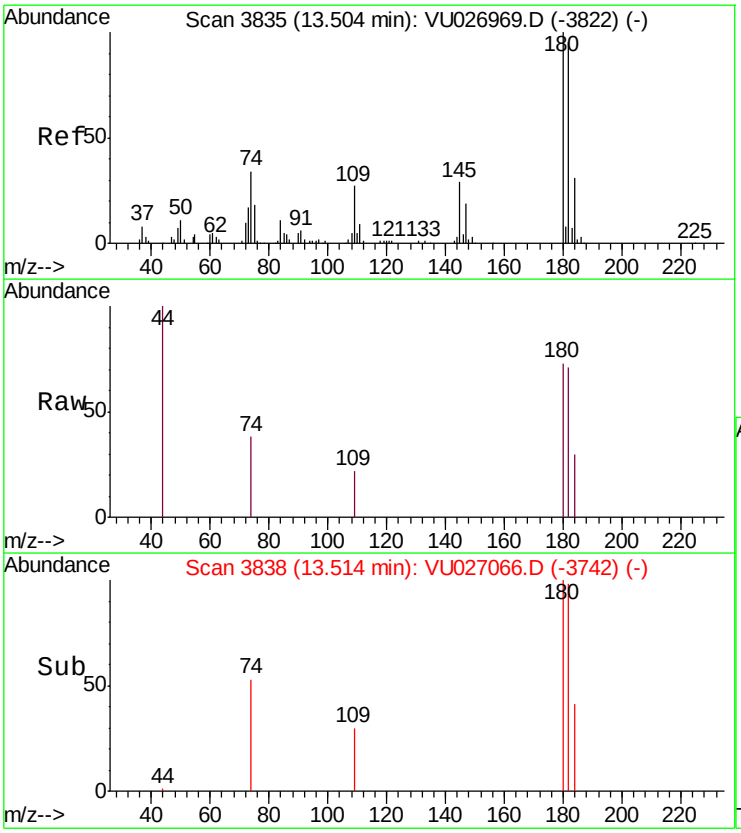
#91
1,2-Dichlorobenzene
Concen: 0.209 ug/l
RT: 11.88 min Scan# 3331
Delta R.T. 0.00 min
Lab File: VU027066.D
Acq: 23 Sep 2018 12:34

Instrument : MSVOA_U
ClientSampleId : VU0923WBL02

Tgt Ion:146 Resp: 544

Ion	Ratio	Lower	Upper
146	100		
111	33.5	21.8	65.3
148	54.8	31.9	95.7

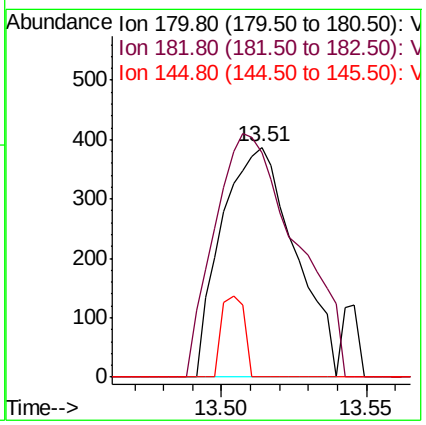


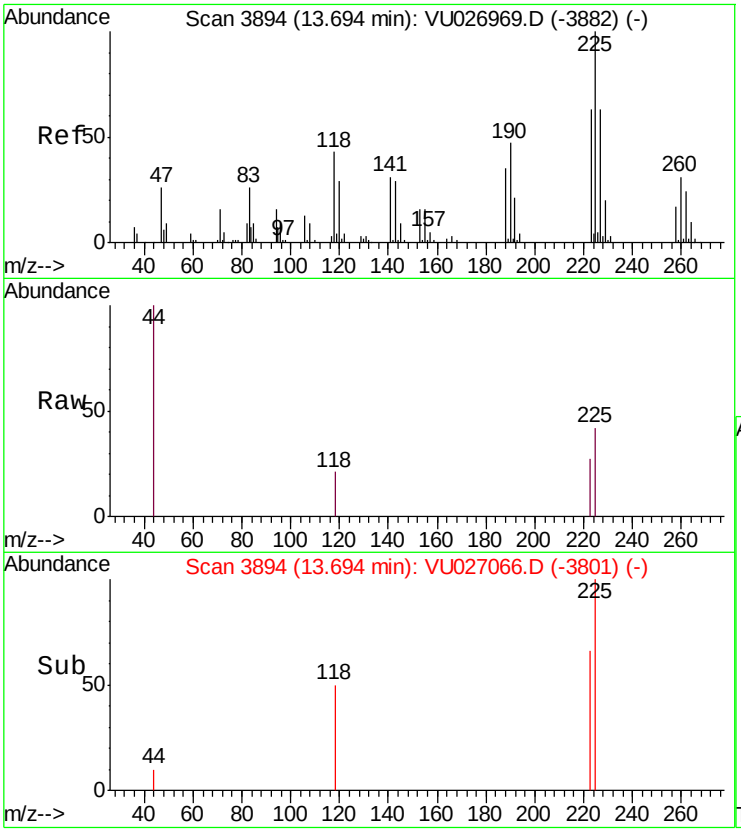


#93
1,2,4-Trichlorobenzene
Concen: 0.451 ug/l
RT: 13.51 min Scan# 3838
Delta R.T. 0.01 min
Lab File: VU027066.D
Acq: 23 Sep 2018 12:34

Tgt Ion:180 Resp: 677

Ion	Ratio	Lower	Upper
180	100		
182	118.6	47.4	142.2
145	10.9	14.9	44.5#



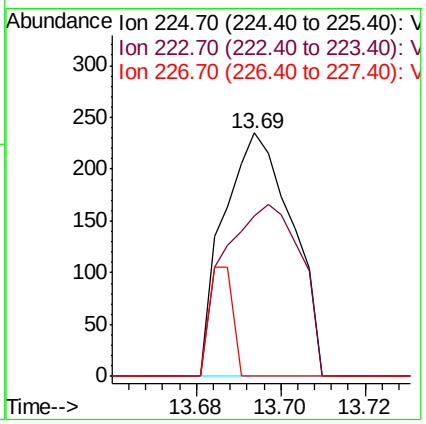


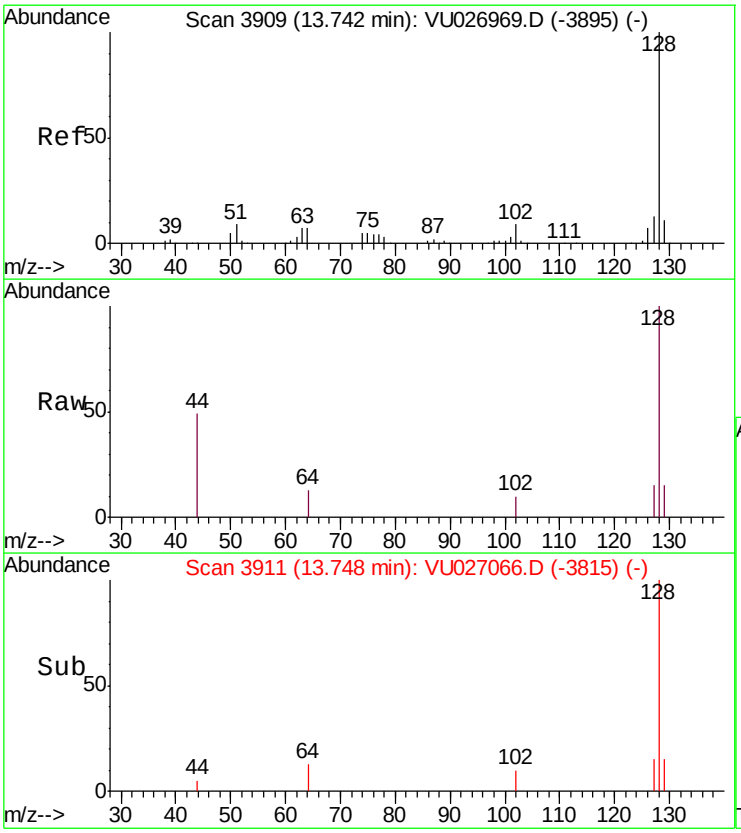
#94
Hexachlorobutadiene
Concen: 0.335 ug/l
RT: 13.69 min Scan# 3894
Delta R.T. 0.00 min
Lab File: VU027066.D
Acq: 23 Sep 2018 12:34

Instrument : MSVOA_U
ClientSampleId : VU0923WBL02

Tgt Ion:225 Resp: 266

Ion	Ratio	Lower	Upper
225	100		
223	78.2	31.9	95.7
227	15.4	32.1	96.5#

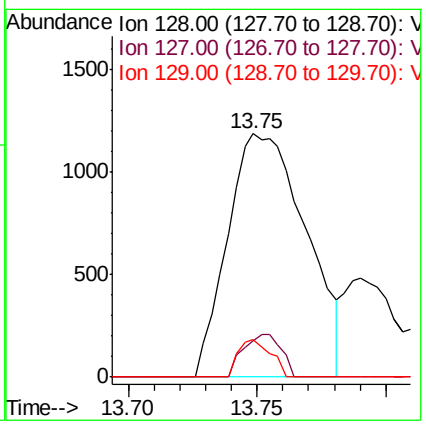


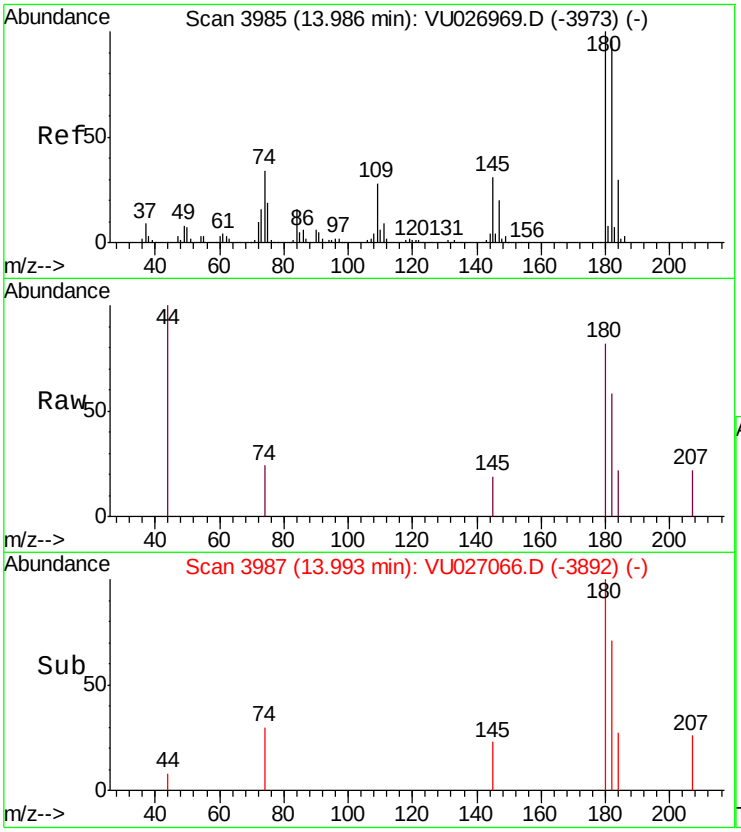


#95
Naphthalene
Concen: 2.103 ug/l
RT: 13.75 min Scan# 3911
Delta R.T. 0.01 min
Lab File: VU027066.D
Acq: 23 Sep 2018 12:34

Tgt Ion:128 Resp: 2514

Ion	Ratio	Lower	Upper
128	100		
127	8.6	10.6	15.8#
129	6.4	8.6	12.8#





#96
1,2,3-Trichlorobenzene
Concen: 0.597 ug/l
RT: 13.99 min Scan# 3987
Delta R.T. 0.01 min
Lab File: VU027066.D
Acq: 23 Sep 2018 12:34

Instrument :
MSVOA_U
ClientSampleId :
VU0923WBL02

Tgt Ion:180 Resp: 962

Ion	Ratio	Lower	Upper
180	100		
182	86.7	47.5	142.5
145	14.2	15.4	46.4#