Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092618\
Data File : VU027166.D
Acq On : 26 Sep 2018 10:47
Operator : MD/SY
Sample : J5032-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MW-16-092018

Quant Time: Sep 27 01:05:12 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	98494	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	166887	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	157463	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	71541	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	99950	50.42	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.84%			
35) Dibromofluoromethane	4.88	113	69227	47.86	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.72%			
50) Toluene-d8	7.57	98	263574	47.81	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.62%			
62) 4-Bromofluorobenzene	10.31	95	84927	44.90	ug/l	0.00
Spiked Amount 50.000			Recovery = 89.80%			
Target Compounds						Qvalue
4) Vinyl Chloride	1.40	62	21781	10.524	ug/l	98
6) Chloroethane	1.75	64	269	0.203	ug/l #	43
11) Tert butyl alcohol	2.83	59	995	2.190	ug/l #	72
12) 1,1-Dichloroethene	2.29	96	684	0.503	ug/l	82
16) Acetone	2.32	43	6863	Below Cal		99
17) Carbon Disulfide	2.48	76	972	0.219	ug/l #	75
19) Methyl tert-butyl Ether	3.01	73	1322	0.264	ug/l #	86
21) trans-1,2-Dichloroethene	2.99	96	862	0.593	ug/l #	80
24) 1,1-Dichloroethane	3.45	63	1697	0.522	ug/l #	84
25) 2-Butanone	4.28	43	423	0.254	ug/l #	53
27) cis-1,2-Dichloroethene	4.23	96	174104	106.146	ug/l	92
29) Tetrahydrofuran	4.66	42	279	0.277	ug/l #	37
31) Cyclohexane	4.99	56	2703	0.344	ug/l #	1
36) 1,1-Dichloropropene	4.98	75	9622	4.320	ug/l #	49
37) Ethyl Acetate	4.40	43	2000	0.663	ug/l #	70
38) Carbon Tetrachloride	4.98	117	10784	5.088	ug/l #	19
44) Trichloroethene	6.19	130	723	0.502	ug/l	100
51) 4-Methyl-2-Pentanone	7.48	43	680	0.230	ug/l #	38
59) 2-Hexanone	8.38	43	539	0.233	ug/l #	57
64) Tetrachloroethene	8.23	164	263	0.217	ug/l	95
68) m/p-Xylenes	9.38	106	173	1.562	ug/l #	61
70) Styrene	9.81	104	137	1.839	ug/l #	34
76) 1,2,3-Trichloropropane	10.31	75	46590	21.437	ug/l #	35
81) trans-1,4-Dichloro-2-buten	10.31	75	46590	68.601	ug/l #	100
86) p-Isopropyltoluene	11.48	119	642	1.051	ug/l #	79
88) 1,4-Dichlorobenzene	11.51	146	709	0.263	ug/l #	58
89) n-Butylbenzene	11.89	91	859	2.558	ug/l	96
93) 1,2,4-Trichlorobenzene	13.51	180	545	0.360	ug/l #	81
95) Naphthalene	13.75	128	1824	1.987	ug/l #	77
96) 1,2,3-Trichlorobenzene	14.00	180	638	0.393	ug/l #	86

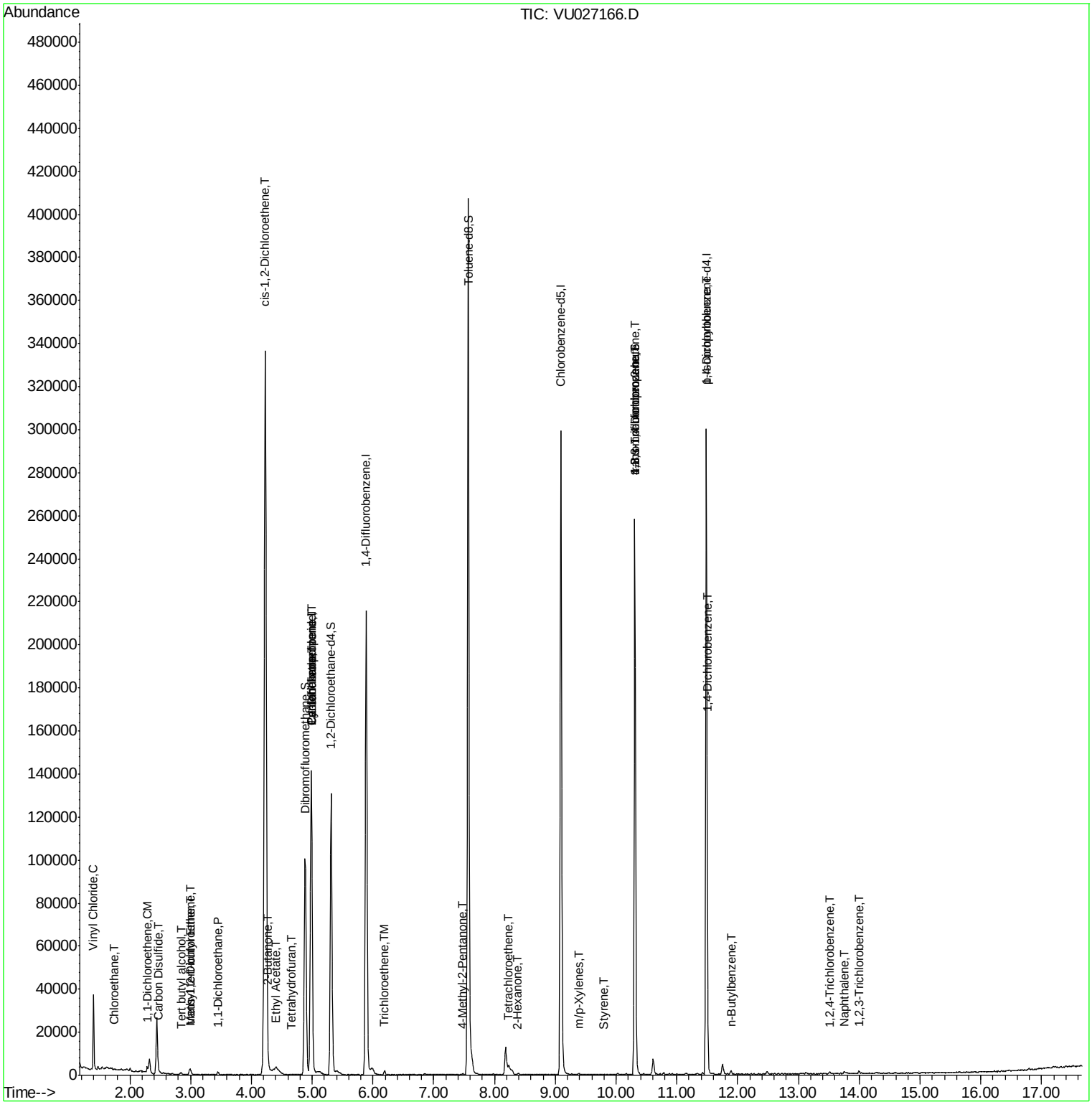
(#) = qualifier out of range (m) = manual integration (+) = signals summed

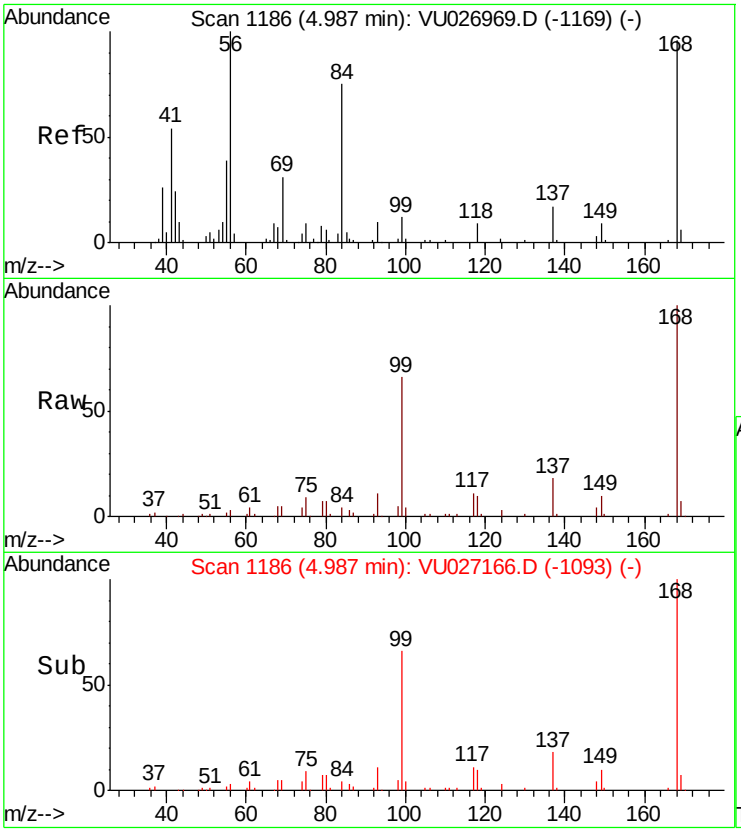
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092618\
Data File : VU027166.D
Acq On : 26 Sep 2018 10:47
Operator : MD/SY
Sample : J5032-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MW-16-092018

Quant Time: Sep 27 01:05:12 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



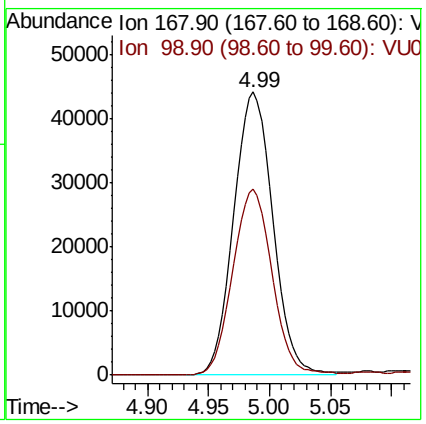


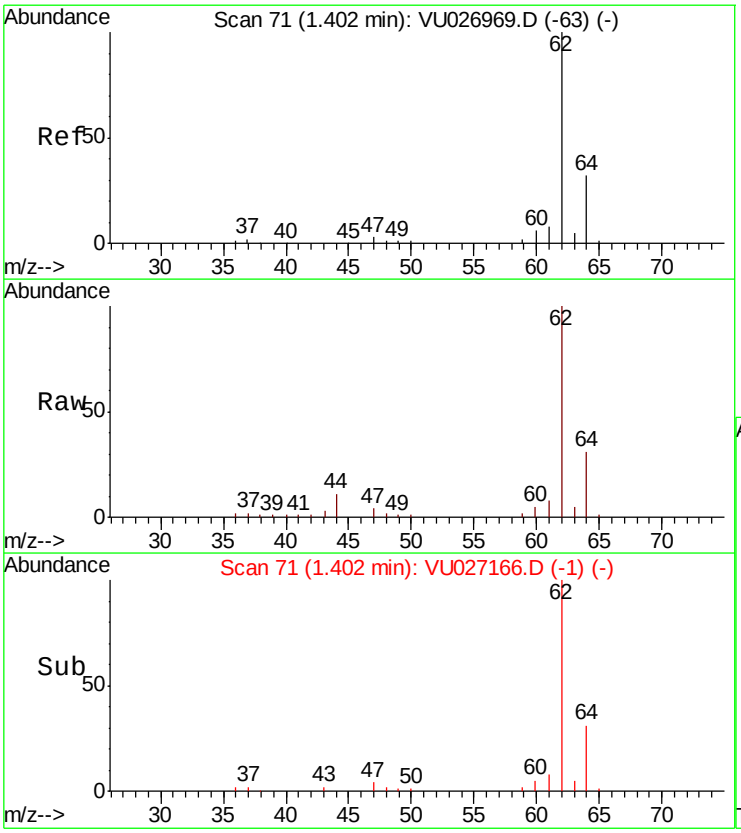
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. 0.00 min
Lab File: VU027166.D
Acq: 26 Sep 2018 10:47

Instrument :
MSVOA_U
ClientSampleId :
MW-16-092018

Tgt Ion:168 Resp: 98494

Ion	Ratio	Lower	Upper
168	100		
99	65.9	48.1	72.1

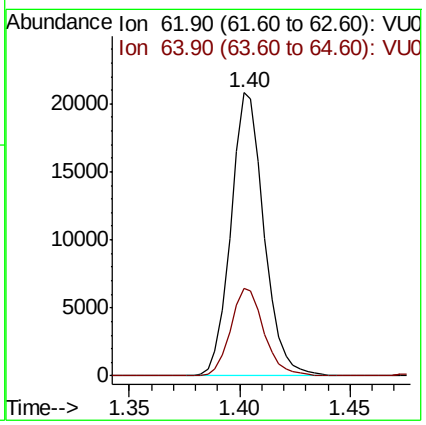


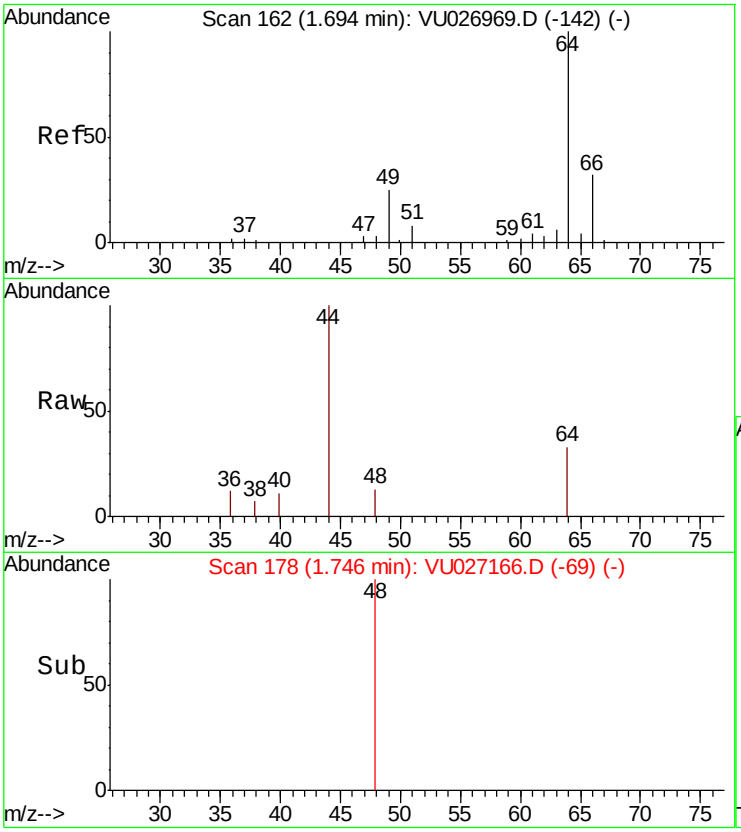


#4
Vinyl Chloride
Concen: 10.524 ug/l
RT: 1.40 min Scan# 71
Delta R.T. 0.00 min
Lab File: VU027166.D
Acq: 26 Sep 2018 10:47

Tgt Ion: 62 Resp: 21781

Ion	Ratio	Lower	Upper
62	100		
64	31.0	25.5	38.3



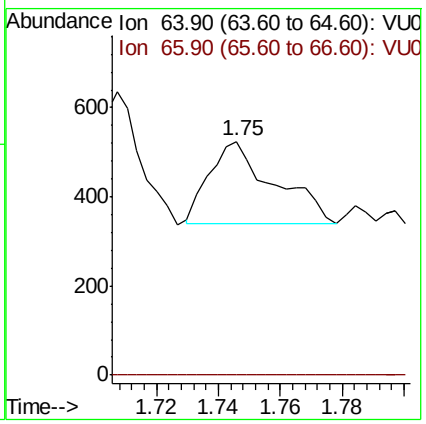


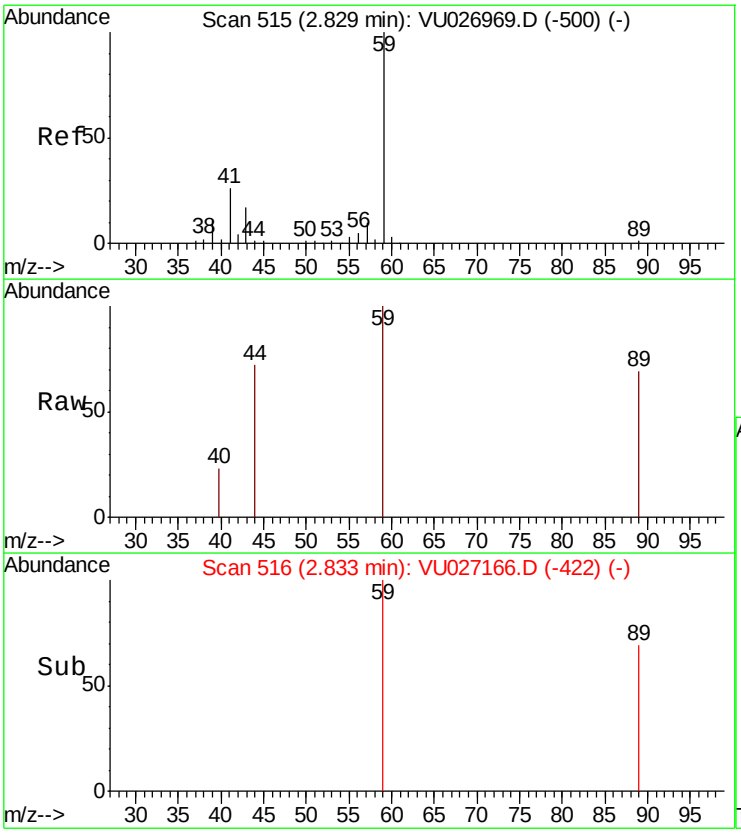
#6
Chloroethane
Concen: 0.203 ug/l
RT: 1.75 min Scan# 178
Delta R.T. 0.05 min
Lab File: VU027166.D
Acq: 26 Sep 2018 10:47

Instrument :
MSVOA_U
ClientSampleId :
MW-16-092018

Tgt Ion: 64 Resp: 269

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.3	37.9#

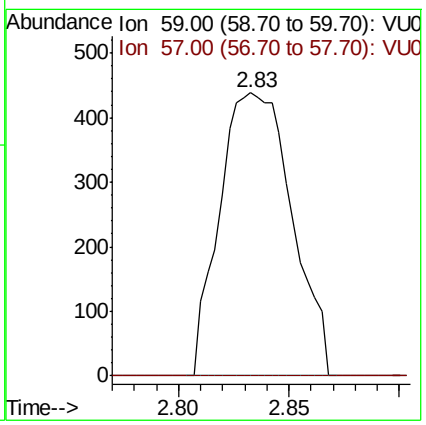


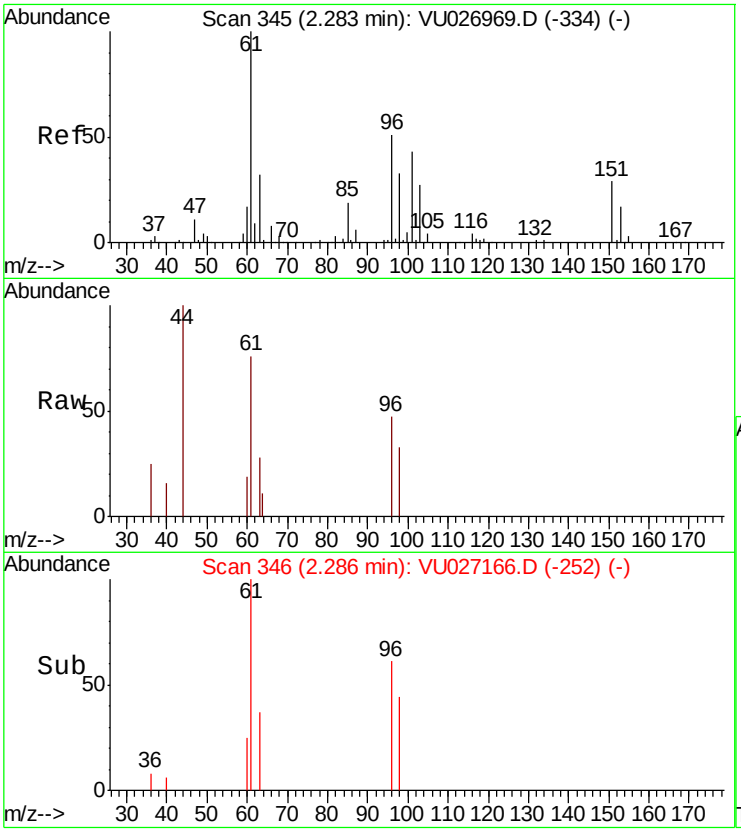


#11
Tert butyl alcohol
Concen: 2.190 ug/l
RT: 2.83 min Scan# 516
Delta R.T. 0.00 min
Lab File: VU027166.D
Acq: 26 Sep 2018 10:47

Tgt Ion: 59 Resp: 995

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.5	12.7#



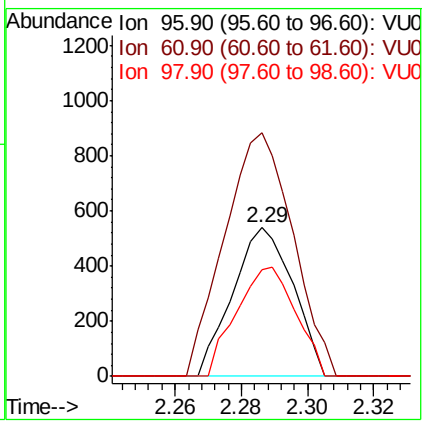


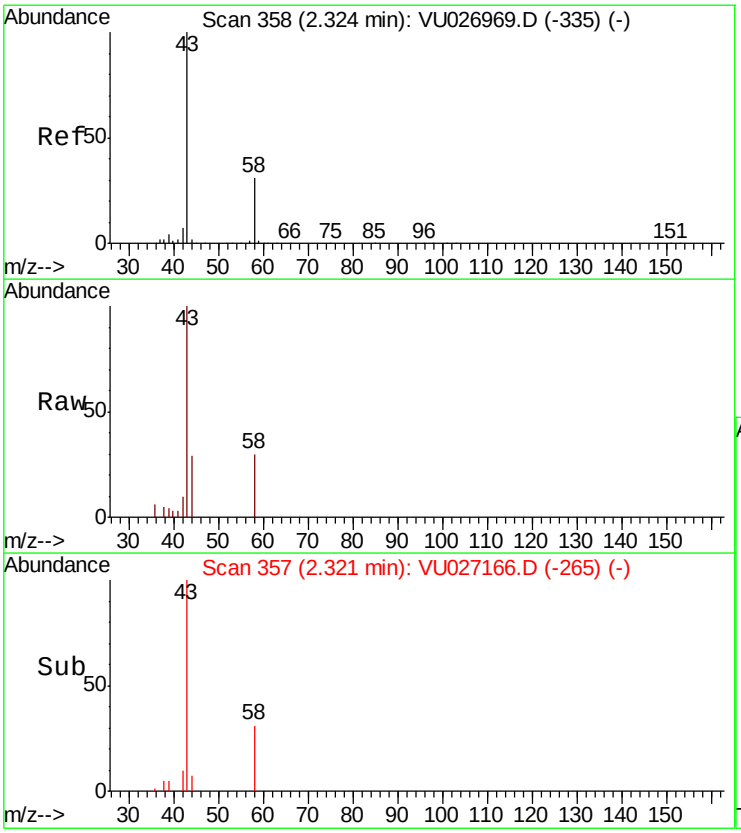
#12
1,1-Dichloroethene
Concen: 0.503 ug/l
RT: 2.29 min Scan# 346
Delta R.T. 0.00 min
Lab File: VU027166.D
Acq: 26 Sep 2018 10:47

Instrument : MSVOA_U
ClientSampleId : MW-16-092018

Tgt Ion: 96 Resp: 684

Ion	Ratio	Lower	Upper
96	100		
61	163.5	156.1	234.1
98	71.5	51.4	77.0

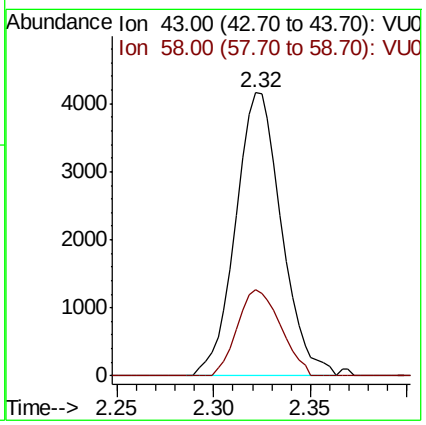


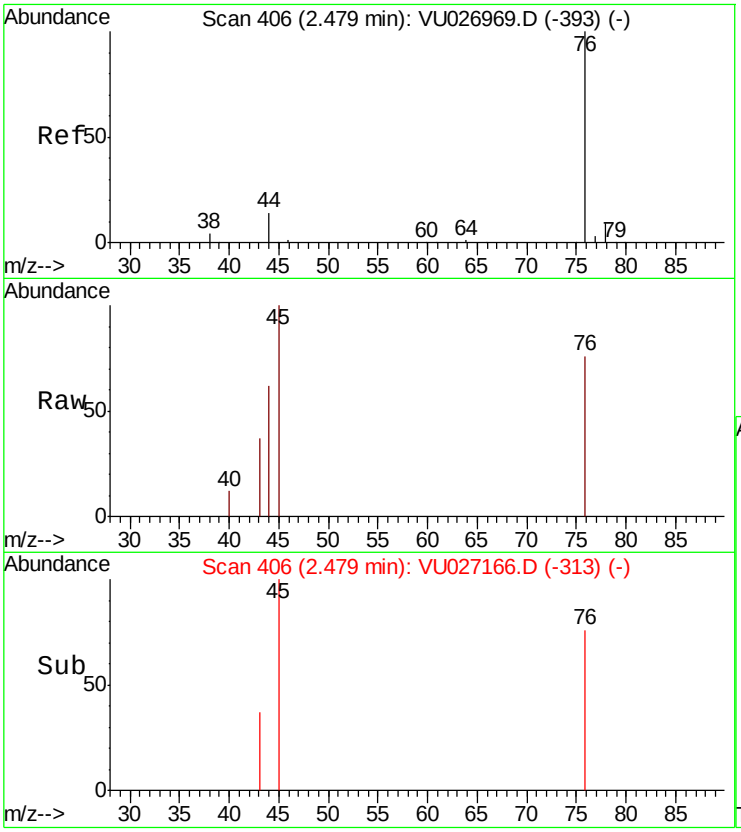


#16
Acetone
Concen: Below Cal
RT: 2.32 min Scan# 357
Delta R.T. -0.00 min
Lab File: VU027166.D
Acq: 26 Sep 2018 10:47

Tgt Ion: 43 Resp: 6863

Ion	Ratio	Lower	Upper
43	100		
58	30.3	24.6	36.8



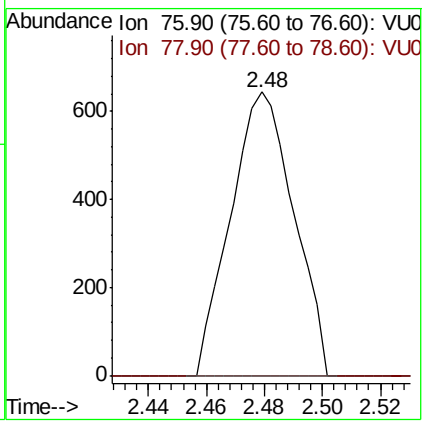


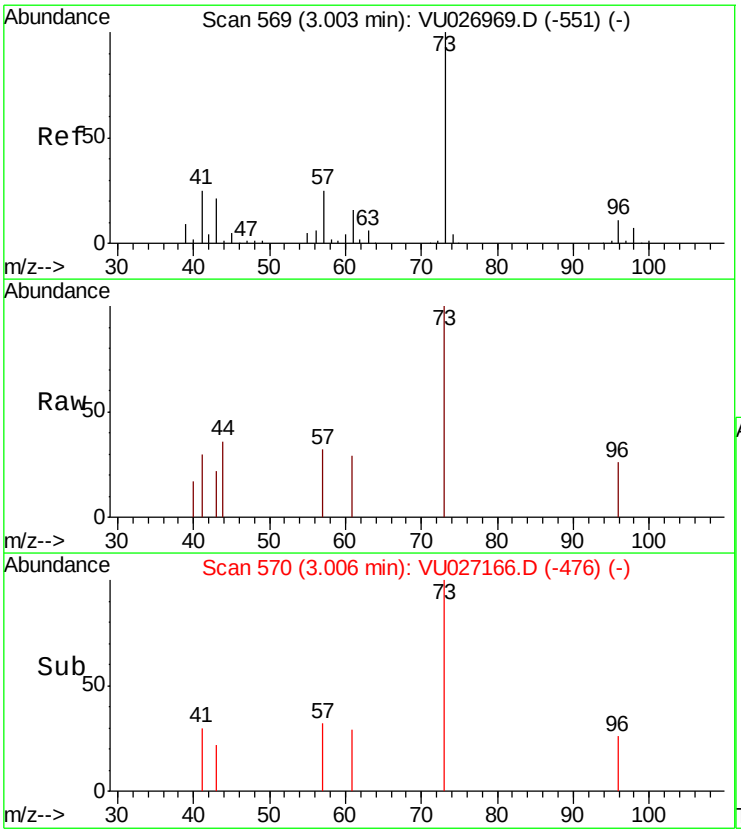
#17
Carbon Disulfide
Concen: 0.219 ug/l
RT: 2.48 min Scan# 406
Delta R.T. 0.00 min
Lab File: VU027166.D
Acq: 26 Sep 2018 10:47

Instrument : MSVOA_U
ClientSampleId : MW-16-092018

Tgt Ion: 76 Resp: 972

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.1	10.7#

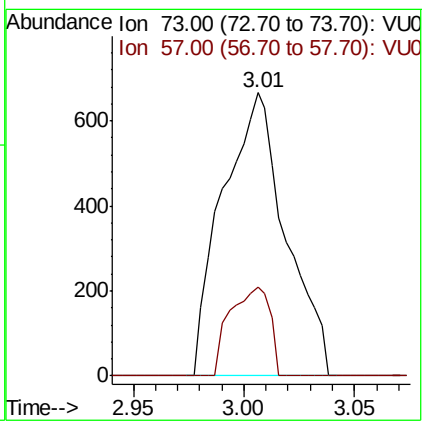


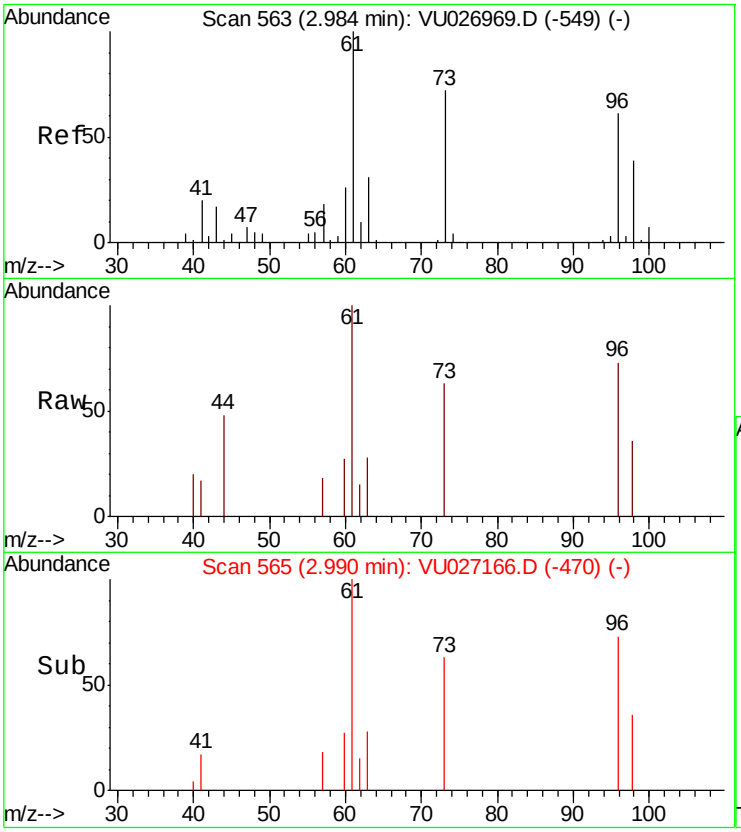


#19
Methyl tert-butyl Ether
Concen: 0.264 ug/l
RT: 3.01 min Scan# 570
Delta R.T. 0.00 min
Lab File: VU027166.D
Acq: 26 Sep 2018 10:47

Tgt Ion: 73 Resp: 1322

Ion	Ratio	Lower	Upper
73	100		
57	31.5	19.8	29.6#



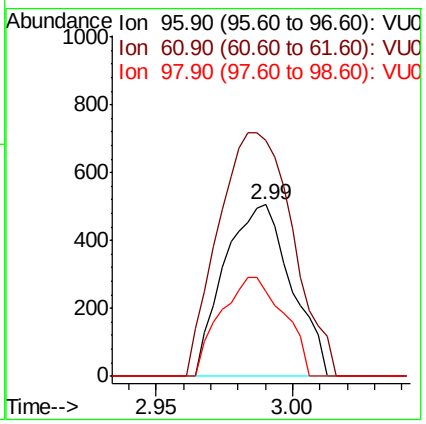


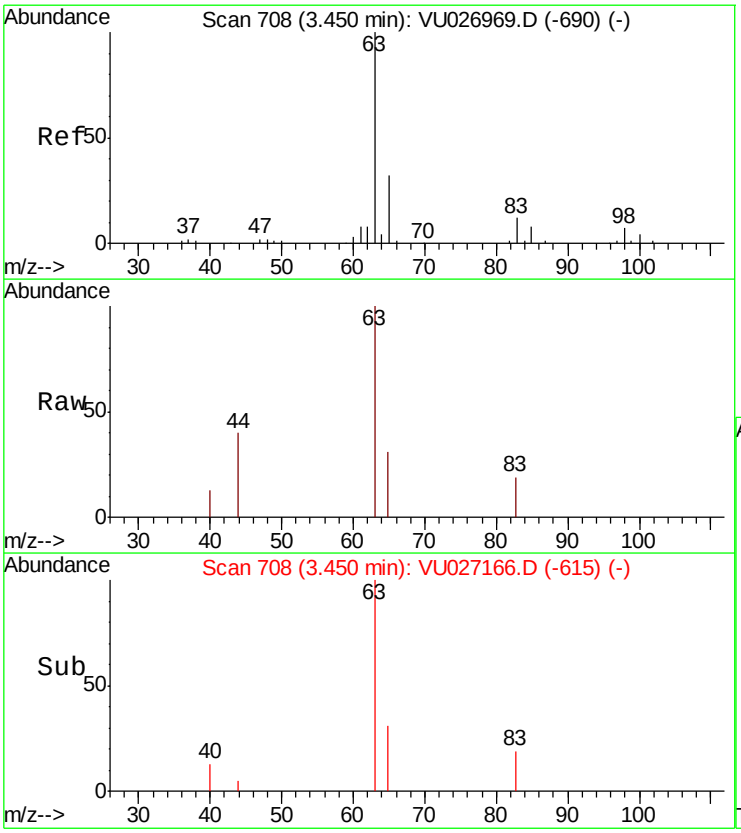
#21
trans-1,2-Dichloroethene
Concen: 0.593 ug/l
RT: 2.99 min Scan# 565
Delta R.T. 0.01 min
Lab File: VU027166.D
Acq: 26 Sep 2018 10:47

Instrument :
MSVOA_U
ClientSampleId :
MW-16-092018

Tgt Ion: 96 Resp: 862

Ion	Ratio	Lower	Upper
96	100		
61	137.4	131.8	197.6
98	49.3	50.9	76.3#

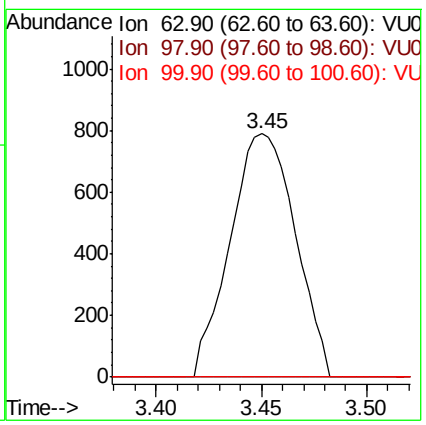


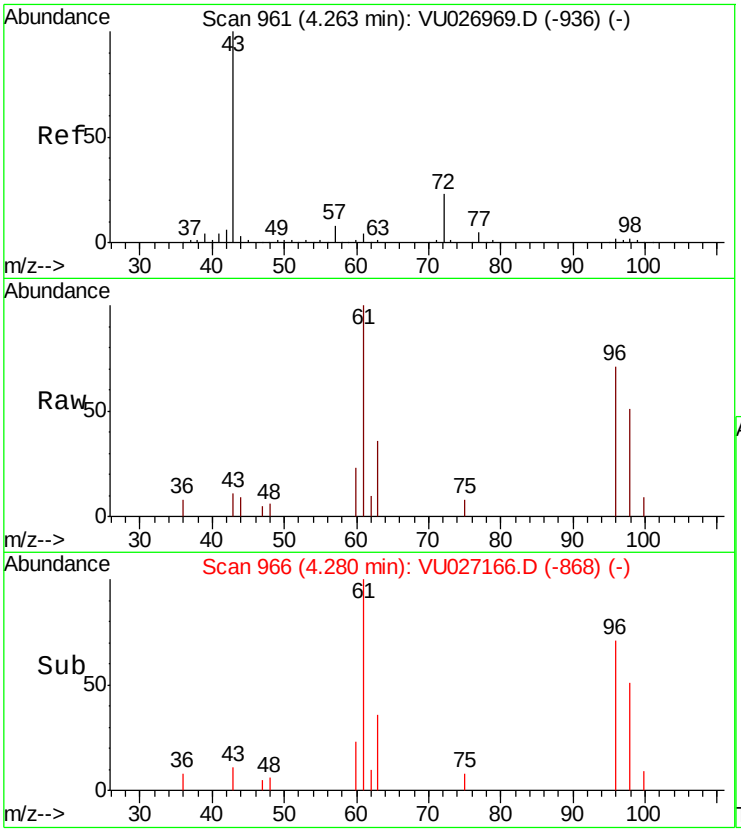


#24
1,1-Dichloroethane
Concen: 0.522 ug/l
RT: 3.45 min Scan# 708
Delta R.T. 0.00 min
Lab File: VU027166.D
Acq: 26 Sep 2018 10:47

Tgt Ion: 63 Resp: 1697

Ion	Ratio	Lower	Upper
63	100		
98	0.0	3.3	9.8#
100	0.0	2.0	5.8#



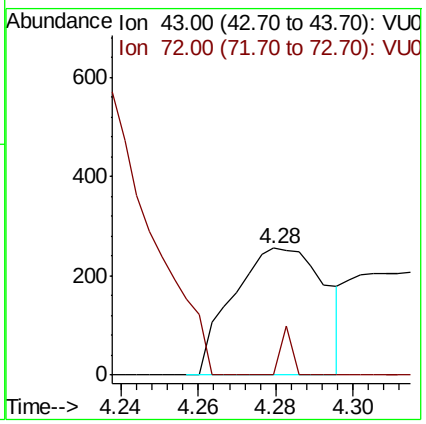


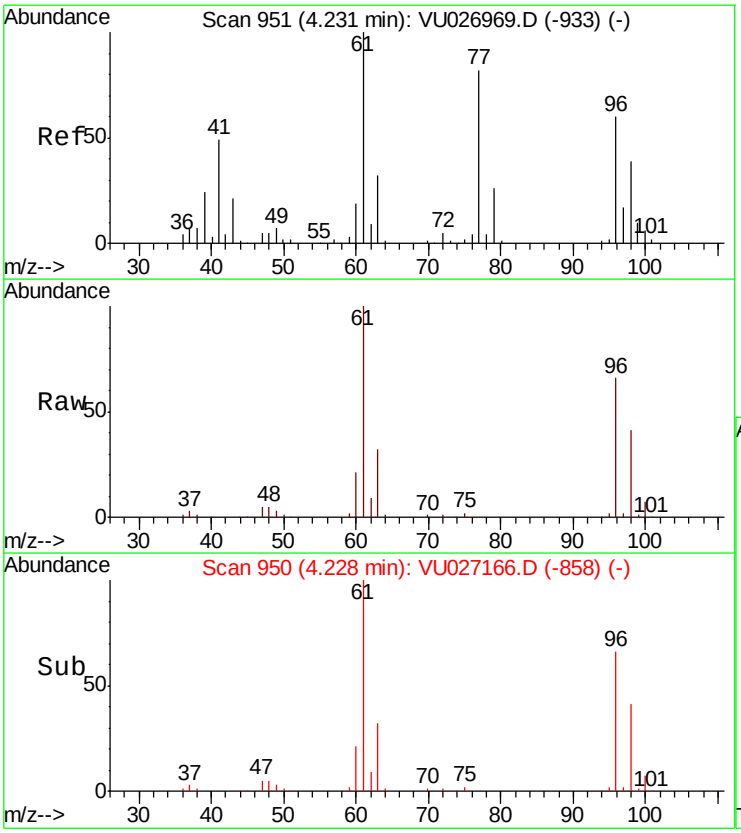
#25
2-Butanone
Concen: 0.254 ug/l
RT: 4.28 min Scan# 966
Delta R.T. 0.02 min
Lab File: VU027166.D
Acq: 26 Sep 2018 10:47

Instrument : MSVOA_U
ClientSampleId : MW-16-092018

Tgt Ion: 43 Resp: 423

Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.4	27.6#

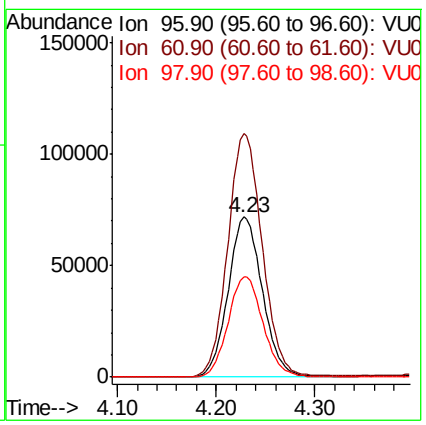


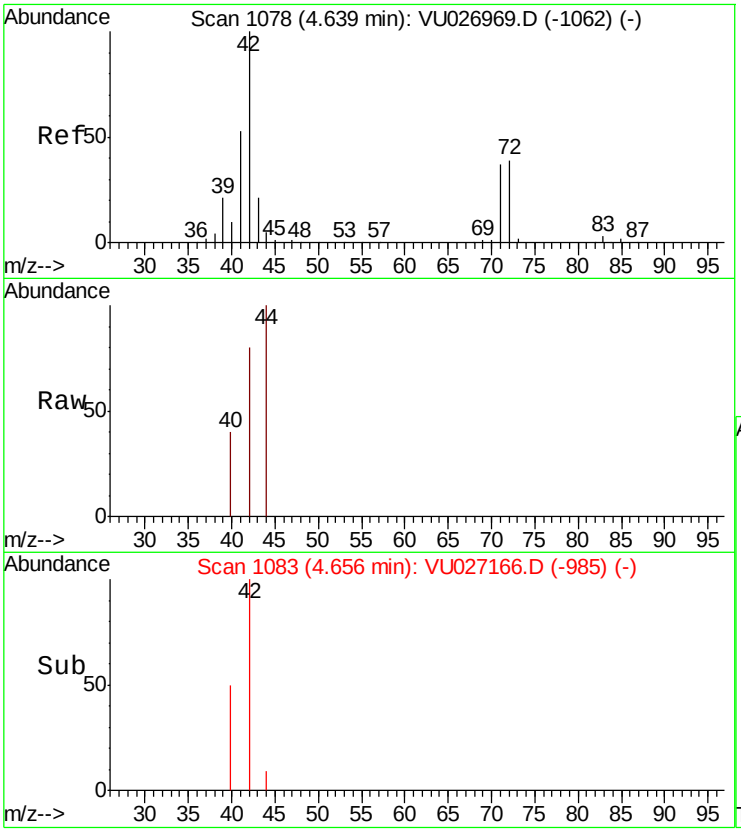


#27
cis-1,2-Dichloroethene
Concen: 106.146 ug/l
RT: 4.23 min Scan# 950
Delta R.T. -0.00 min
Lab File: VU027166.D
Acq: 26 Sep 2018 10:47

Tgt Ion: 96 Resp: 174104

Ion	Ratio	Lower	Upper
96	100		
61	152.9	0.0	337.2
98	63.7	0.0	127.6



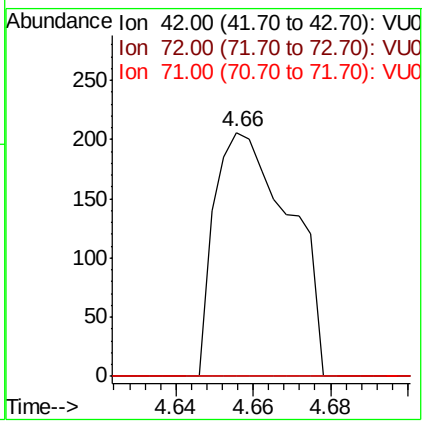


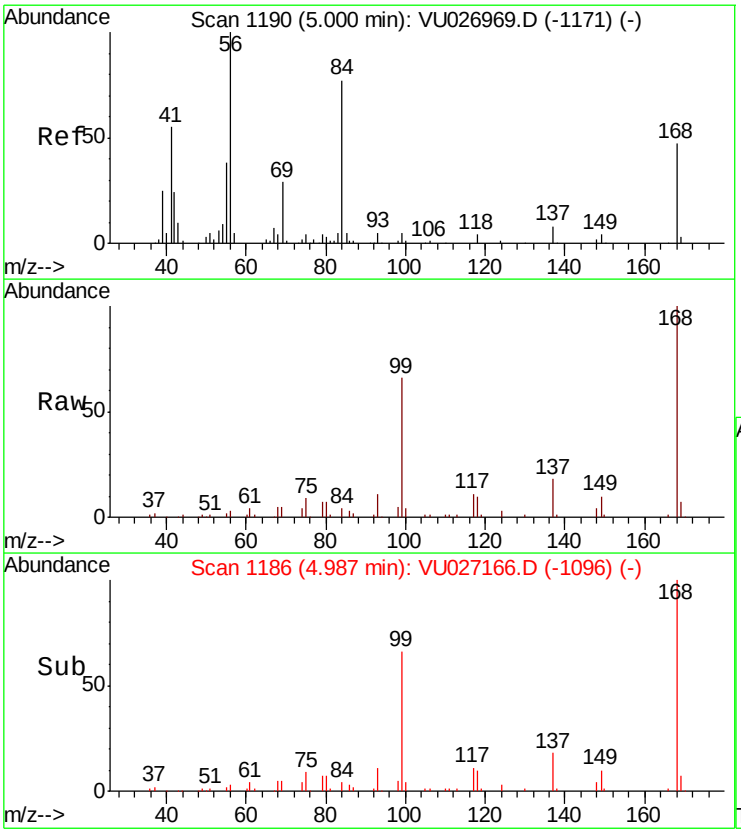
#29
Tetrahydrofuran
Concen: 0.277 ug/l
RT: 4.66 min Scan# 1083
Delta R.T. 0.02 min
Lab File: VU027166.D
Acq: 26 Sep 2018 10:47

Instrument : MSVOA_U
ClientSampleId : MW-16-092018

Tgt Ion: 42 Resp: 279

Ion	Ratio	Lower	Upper
42	100		
72	0.0	31.7	47.5#
71	0.0	29.6	44.4#

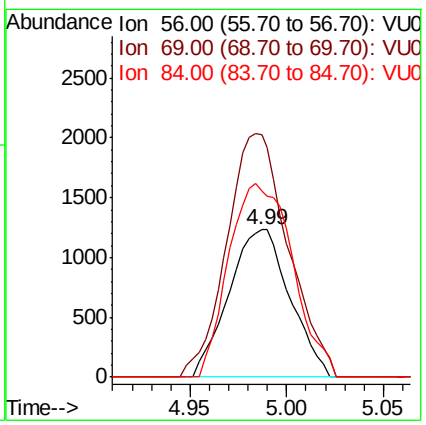


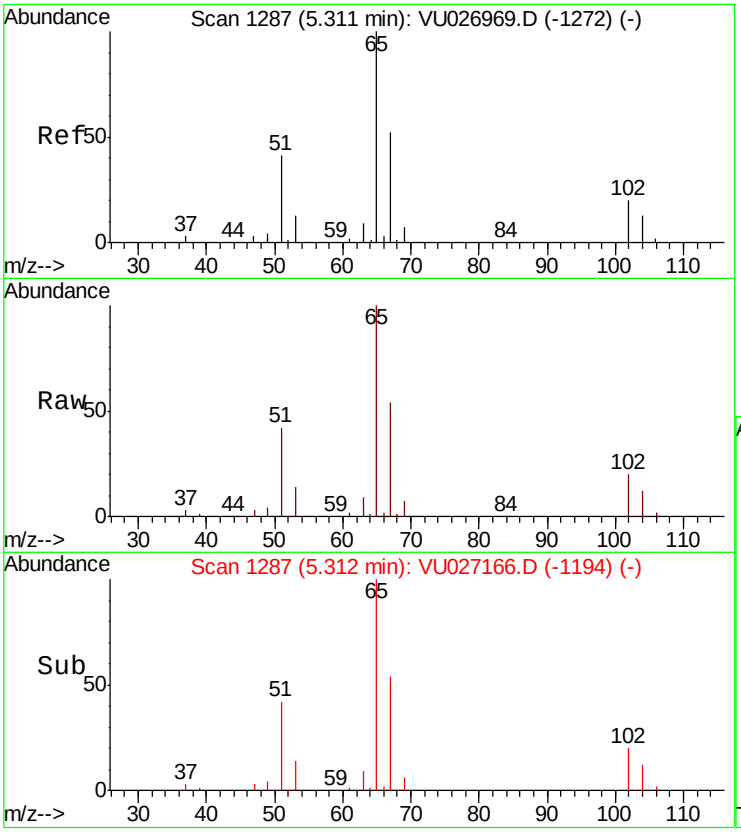


#31
Cyclohexane
Concen: 0.344 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.01 min
Lab File: VU027166.D
Acq: 26 Sep 2018 10:47

Tgt Ion: 56 Resp: 2703

Ion	Ratio	Lower	Upper
56	100		
69	164.7	23.0	34.4#
84	126.3	61.4	92.2#



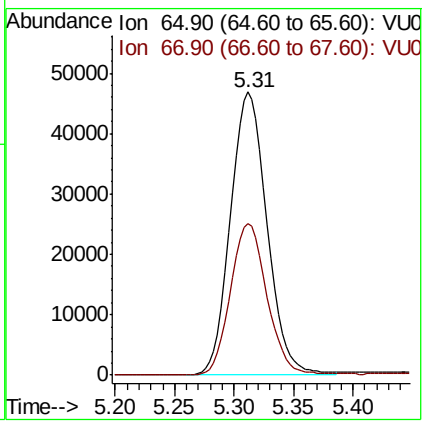


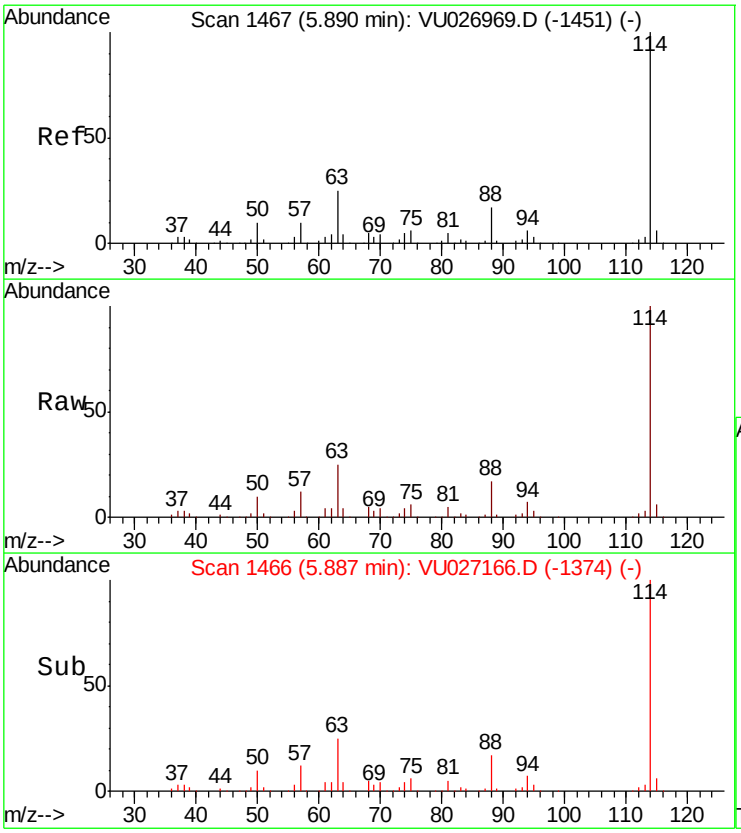
#33
1,2-Dichloroethane-d4
Concen: 50.420 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. 0.00 min
Lab File: VU027166.D
Acq: 26 Sep 2018 10:47

Instrument :
MSVOA_U
ClientSampleId :
MW-16-092018

Tgt Ion: 65 Resp: 99950

Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	105.6

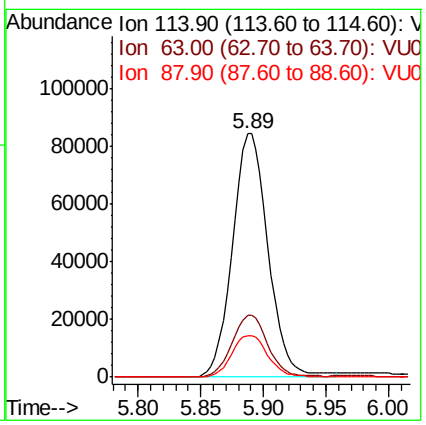


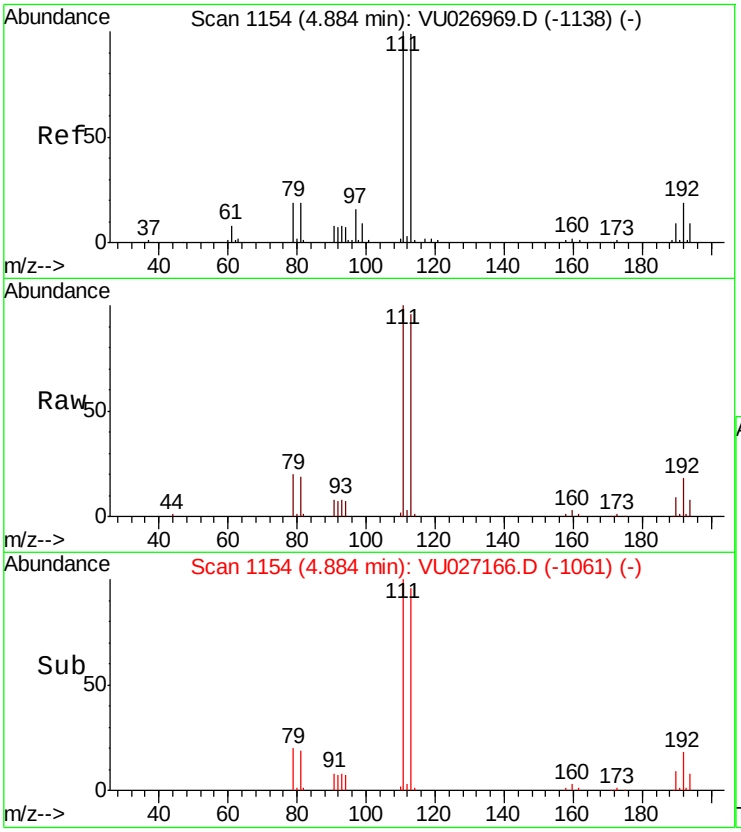


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.89 min Scan# 1466
Delta R.T. -0.00 min
Lab File: VU027166.D
Acq: 26 Sep 2018 10:47

Tgt Ion:114 Resp: 166887

Ion	Ratio	Lower	Upper
114	100		
63	25.3	0.0	49.2
88	17.2	0.0	33.8



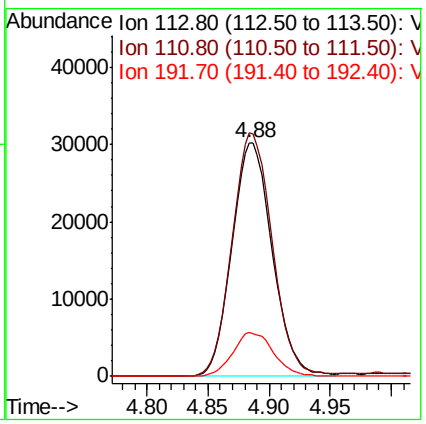


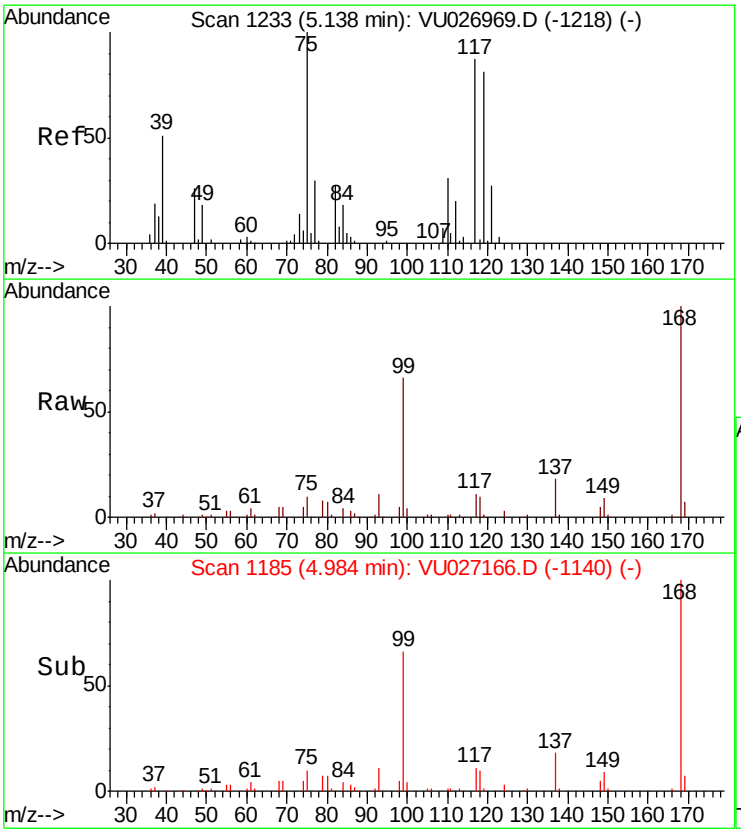
#35
Dibromofluoromethane
Concen: 47.856 ug/l
RT: 4.88 min Scan# 1154
Delta R.T. 0.00 min
Lab File: VU027166.D
Acq: 26 Sep 2018 10:47

Instrument :
MSVOA_U
ClientSampleId :
MW-16-092018

Tgt Ion:113 Resp: 69227

Ion	Ratio	Lower	Upper
113	100		
111	104.4	82.2	123.4
192	18.9	15.2	22.8

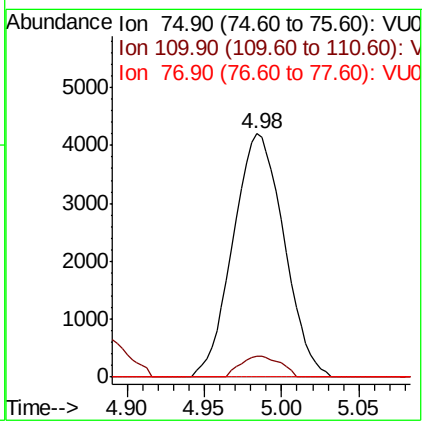


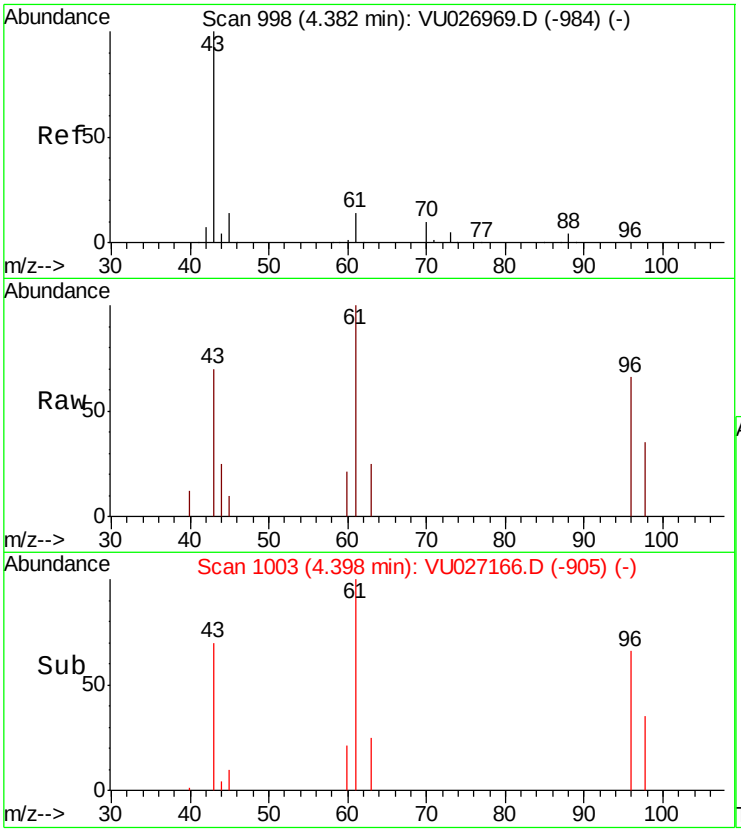


#36
1,1-Dichloropropene
Concen: 4.320 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.15 min
Lab File: VU027166.D
Acq: 26 Sep 2018 10:47

Tgt Ion: 75 Resp: 9622

Ion	Ratio	Lower	Upper
75	100		
110	6.7	16.1	48.2#
77	0.0	24.6	36.8#



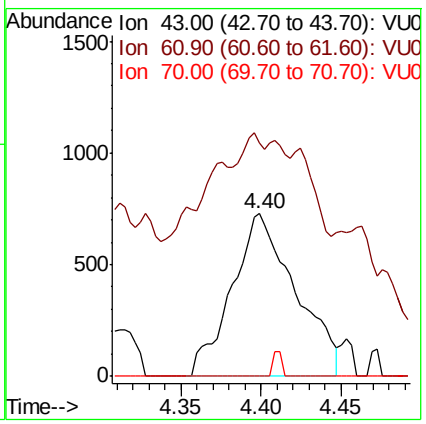


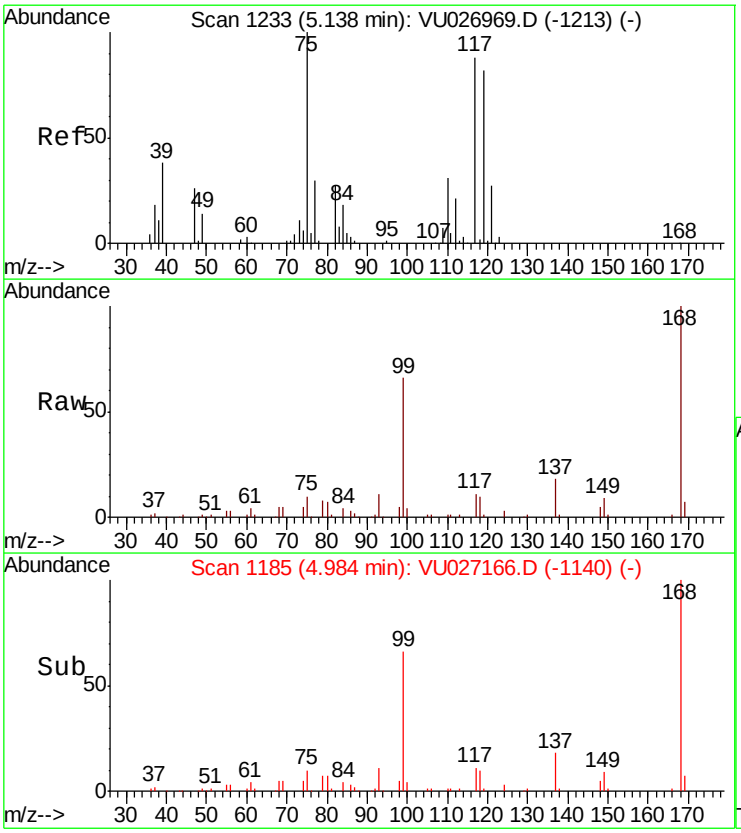
#37
Ethyl Acetate
Concen: 0.663 ug/l
RT: 4.40 min Scan# 1003
Delta R.T. 0.02 min
Lab File: VU027166.D
Acq: 26 Sep 2018 10:47

Instrument : MSVOA_U
ClientSampleId : MW-16-092018

Tgt Ion: 43 Resp: 2000

Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.5	15.7#
70	0.0	7.4	11.0#

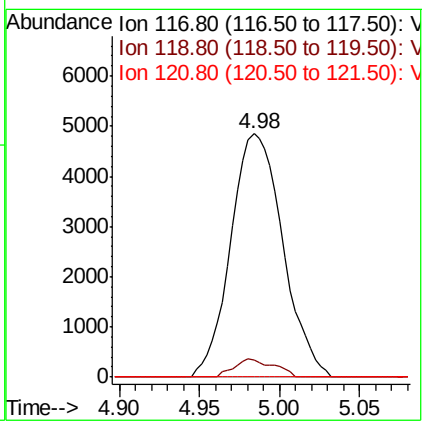


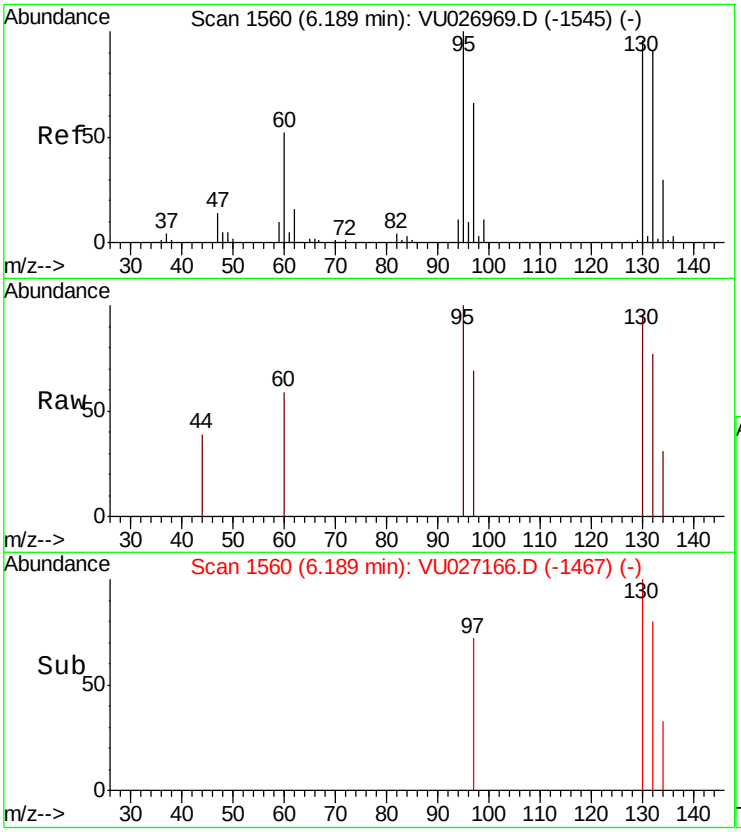


#38
Carbon Tetrachloride
Concen: 5.088 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.15 min
Lab File: VU027166.D
Acq: 26 Sep 2018 10:47

Tgt Ion:117 Resp: 10784

Ion	Ratio	Lower	Upper
117	100		
119	7.0	74.4	111.6#
121	0.0	24.2	36.4#



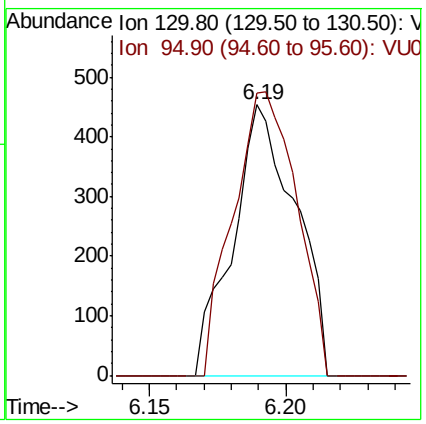


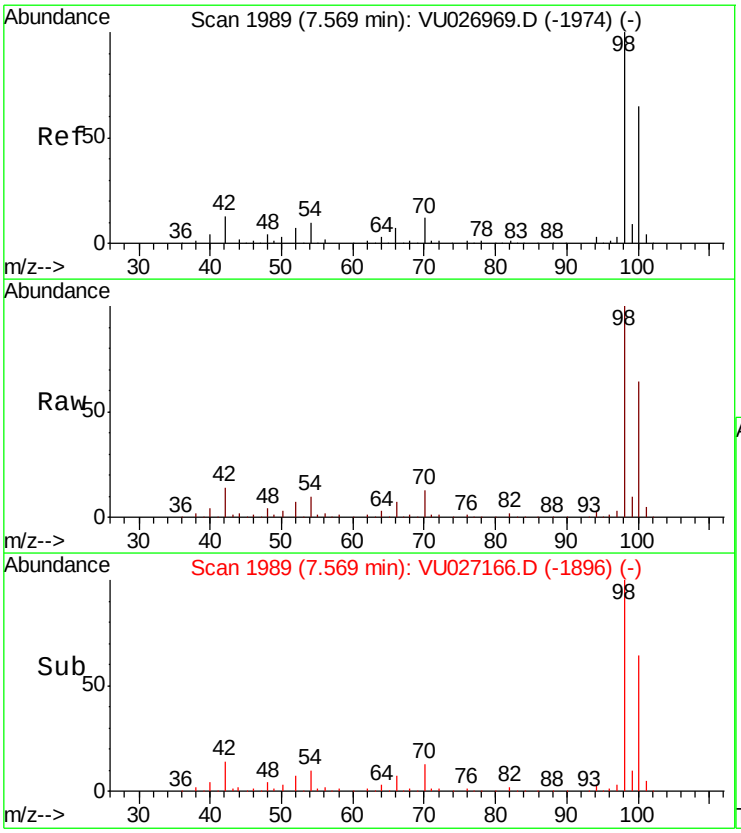
#44
Trichloroethene
Concen: 0.502 ug/l
RT: 6.19 min Scan# 1560
Delta R.T. 0.00 min
Lab File: VU027166.D
Acq: 26 Sep 2018 10:47

Instrument :
MSVOA_U
ClientSampleId :
MW-16-092018

Tgt Ion:130 Resp: 723

Ion	Ratio	Lower	Upper
130	100		
95	104.4	0.0	208.8

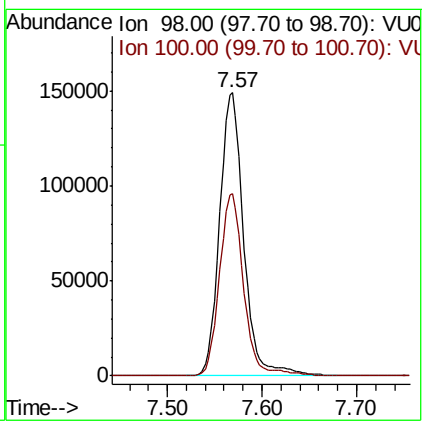


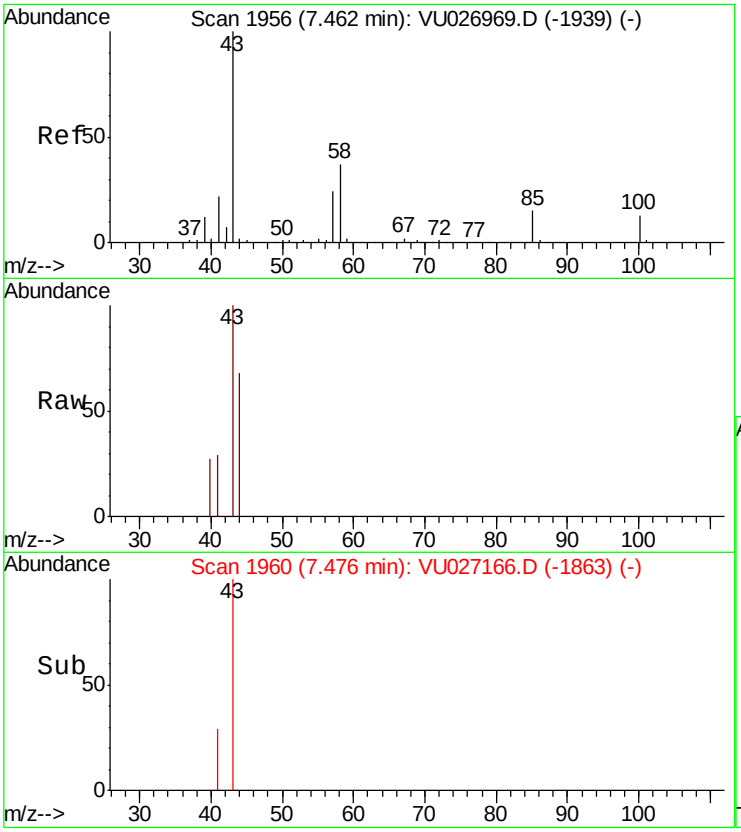


#50
Toluene-d8
Concen: 47.810 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VU027166.D
Acq: 26 Sep 2018 10:47

Tgt Ion: 98 Resp: 263574

Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.1	78.1



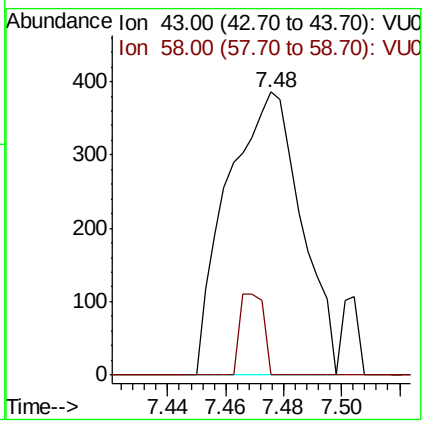


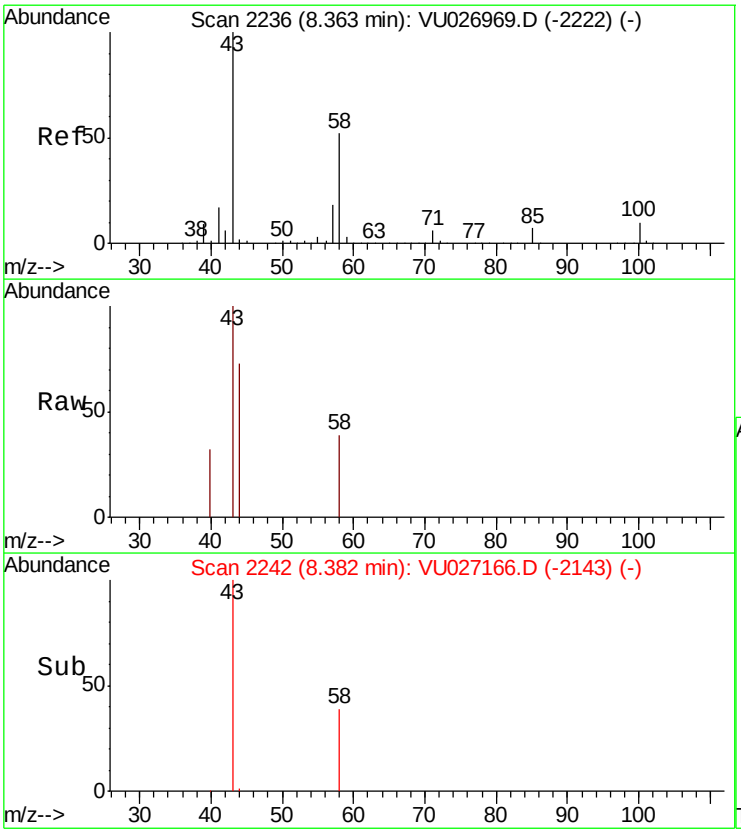
#51
4-Methyl-2-Pentanone
Concen: 0.230 ug/l
RT: 7.48 min Scan# 1960
Delta R.T. 0.01 min
Lab File: VU027166.D
Acq: 26 Sep 2018 10:47

Instrument :
MSVOA_U
ClientSampleId :
MW-16-092018

Tgt Ion: 43 Resp: 680

Ion	Ratio	Lower	Upper
43	100		
58	0.0	29.8	44.6#

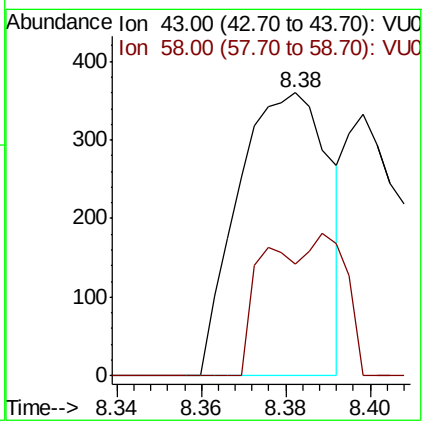


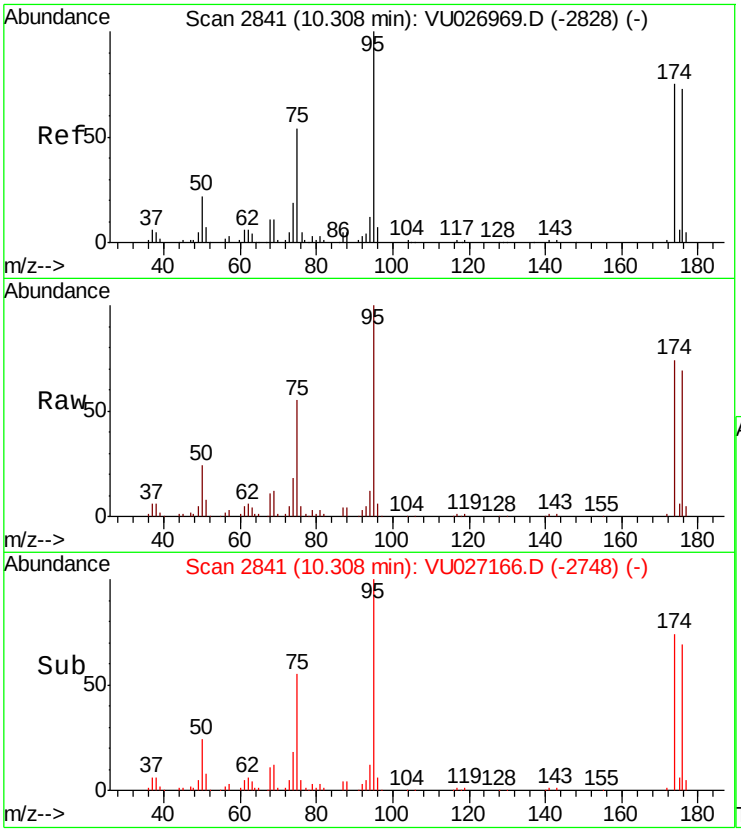


#59
2-Hexanone
Concen: 0.233 ug/l
RT: 8.38 min Scan# 2242
Delta R.T. 0.02 min
Lab File: VU027166.D
Acq: 26 Sep 2018 10:47

Tgt Ion: 43 Resp: 539

Ion	Ratio	Lower	Upper
43	100		
58	21.5	26.1	78.2#



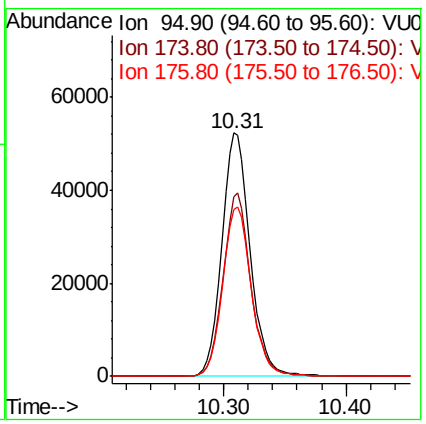


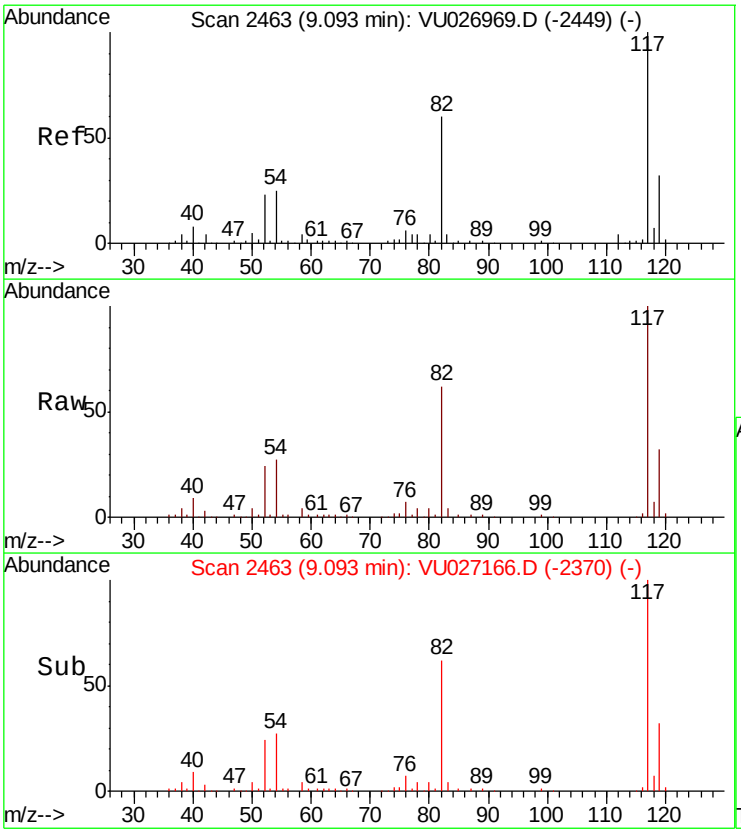
#62
4-Bromofluorobenzene
Concen: 44.895 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU027166.D
Acq: 26 Sep 2018 10:47

Instrument :
MSVOA_U
ClientSampleId :
MW-16-092018

Tgt Ion: 95 Resp: 84927

Ion	Ratio	Lower	Upper
95	100		
174	74.0	0.0	150.2
176	70.5	0.0	145.2

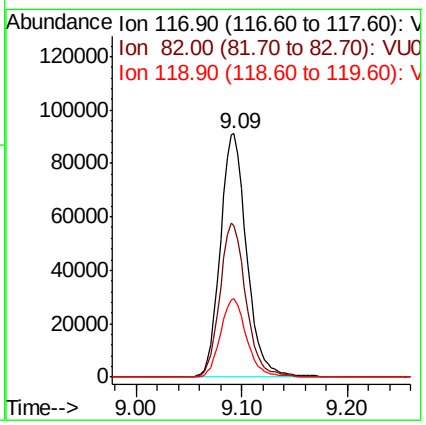


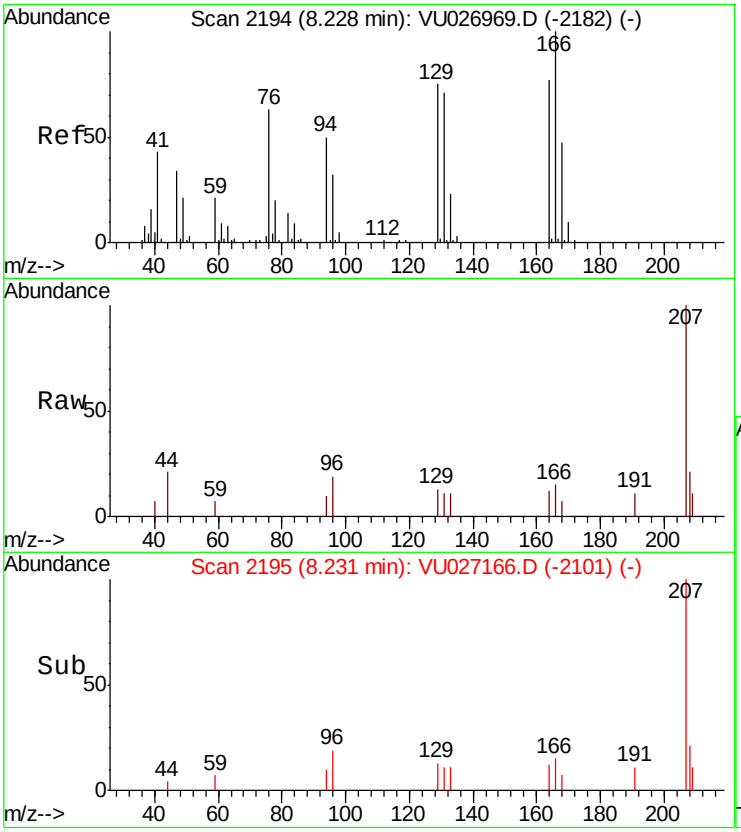


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU027166.D
Acq: 26 Sep 2018 10:47

Tgt Ion:117 Resp: 157463

Ion	Ratio	Lower	Upper
117	100		
82	62.0	48.0	72.0
119	32.2	25.8	38.8



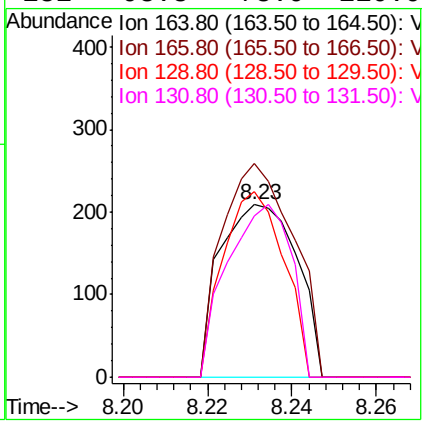


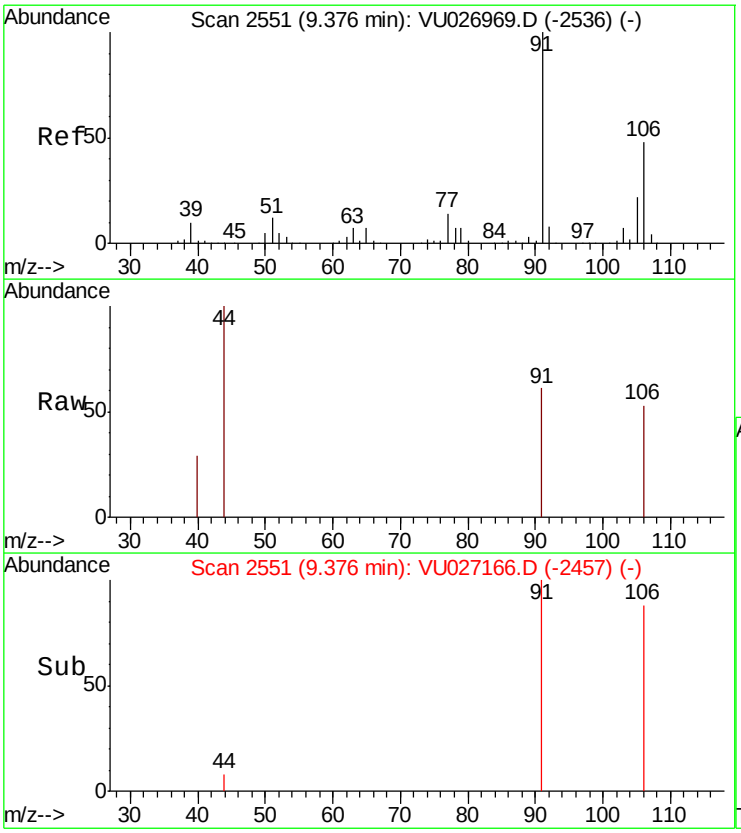
#64
Tetrachloroethene
Concen: 0.217 ug/l
RT: 8.23 min Scan# 2195
Delta R.T. 0.00 min
Lab File: VU027166.D
Acq: 26 Sep 2018 10:47

Instrument :
MSVOA_U
ClientSampleId :
MW-16-092018

Tgt Ion:164 Resp: 263

Ion	Ratio	Lower	Upper
164	100		
166	123.9	104.4	156.6
129	107.2	78.7	118.1
131	93.8	73.9	110.9

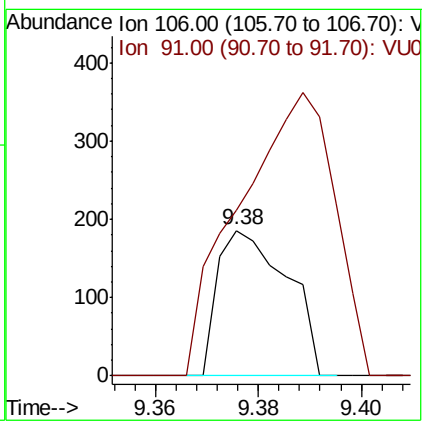


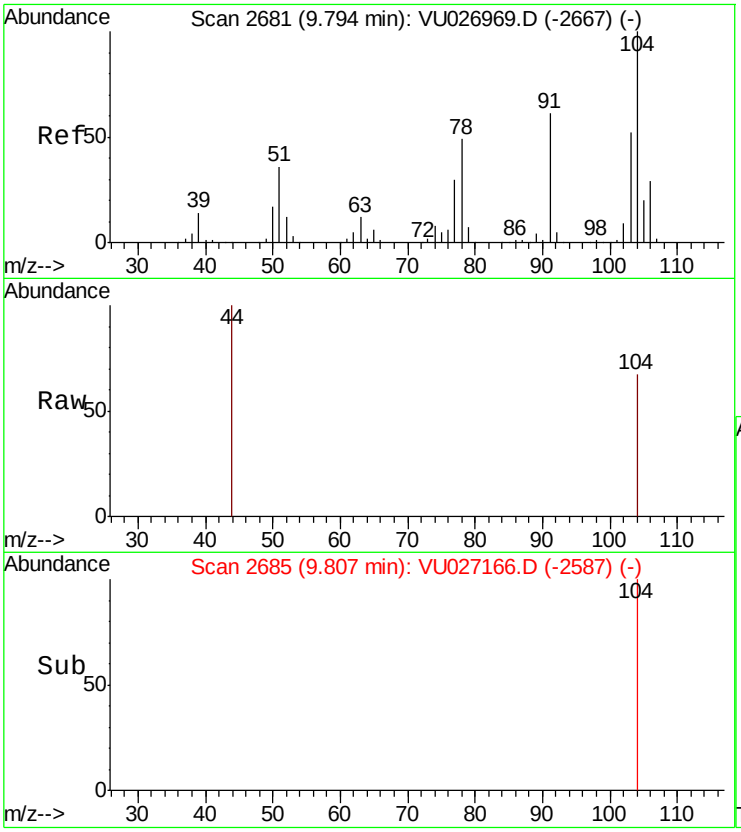


#68
m/p-Xylenes
Concen: 1.562 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU027166.D
Acq: 26 Sep 2018 10:47

Tgt Ion:106 Resp: 173

Ion	Ratio	Lower	Upper
106	100		
91	269.4	166.5	249.7#



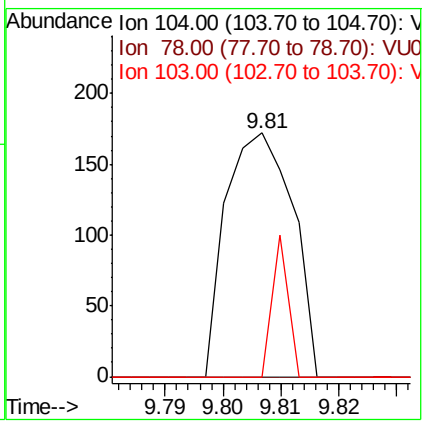


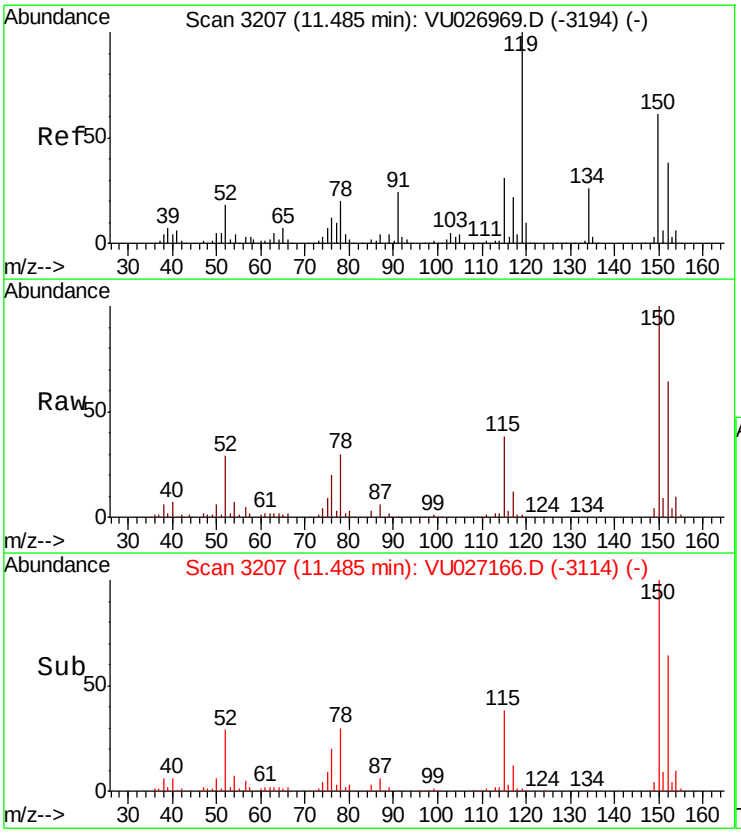
#70
Styrene
Concen: 1.839 ug/l
RT: 9.81 min Scan# 2685
Delta R.T. 0.01 min
Lab File: VU027166.D
Acq: 26 Sep 2018 10:47

Instrument : MSVOA_U
ClientSampleId : MW-16-092018

Tgt Ion:104 Resp: 137

Ion	Ratio	Lower	Upper
104	100		
78	0.0	43.0	64.4#
103	13.9	44.1	66.1#

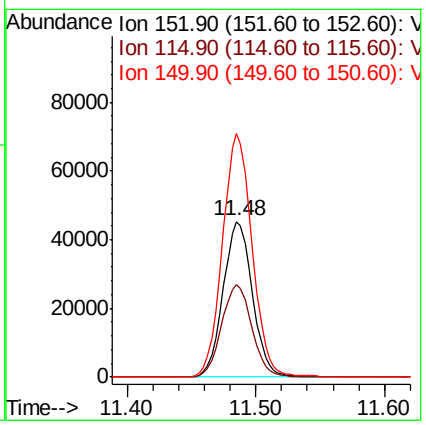


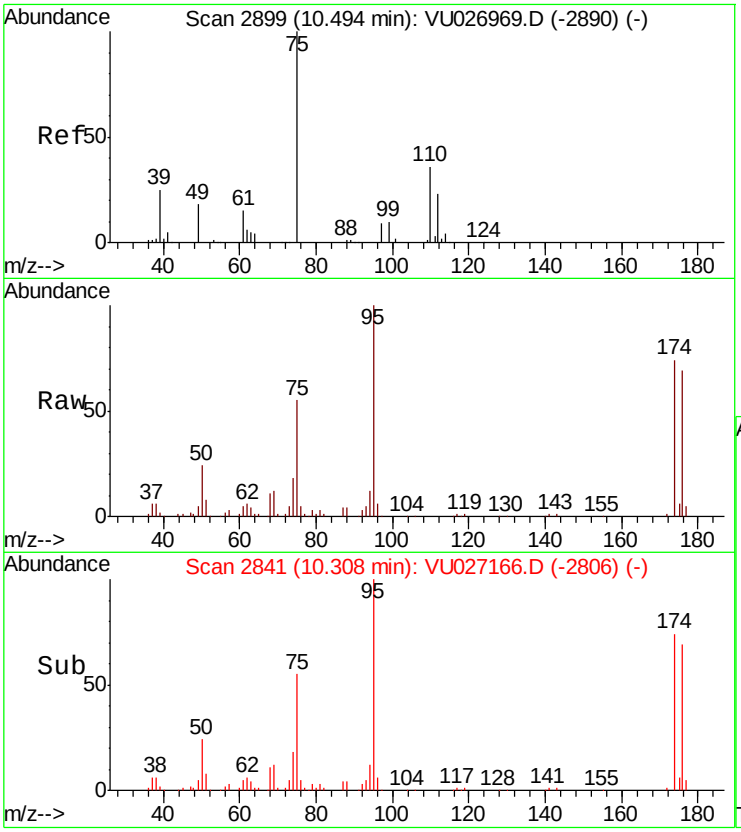


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU027166.D
Acq: 26 Sep 2018 10:47

Tgt Ion:152 Resp: 71541

Ion	Ratio	Lower	Upper
152	100		
115	61.0	44.9	134.5
150	158.0	0.0	355.8



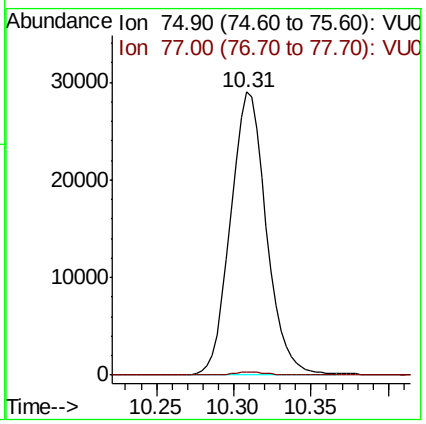


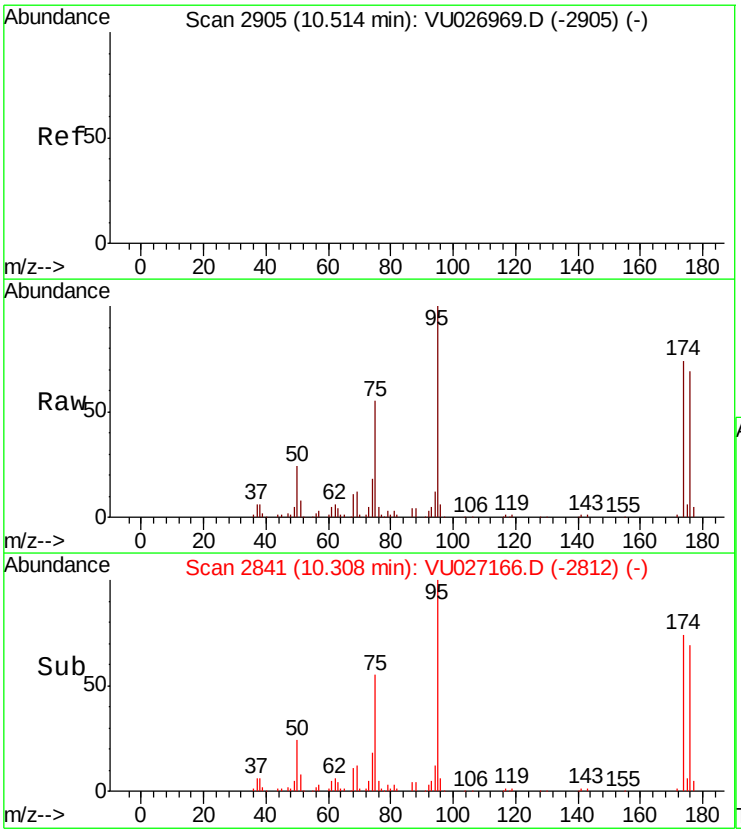
#76
1,2,3-Trichloropropane
Concen: 21.437 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.19 min
Lab File: VU027166.D
Acq: 26 Sep 2018 10:47

Instrument :
MSVOA_U
ClientSampleId :
MW-16-092018

Tgt Ion: 75 Resp: 46590

Ion	Ratio	Lower	Upper
75	100		
77	0.9	20.9	62.8#

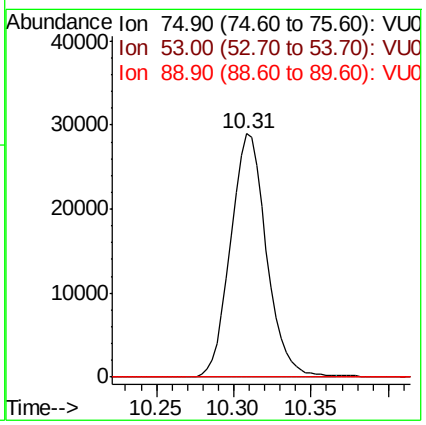


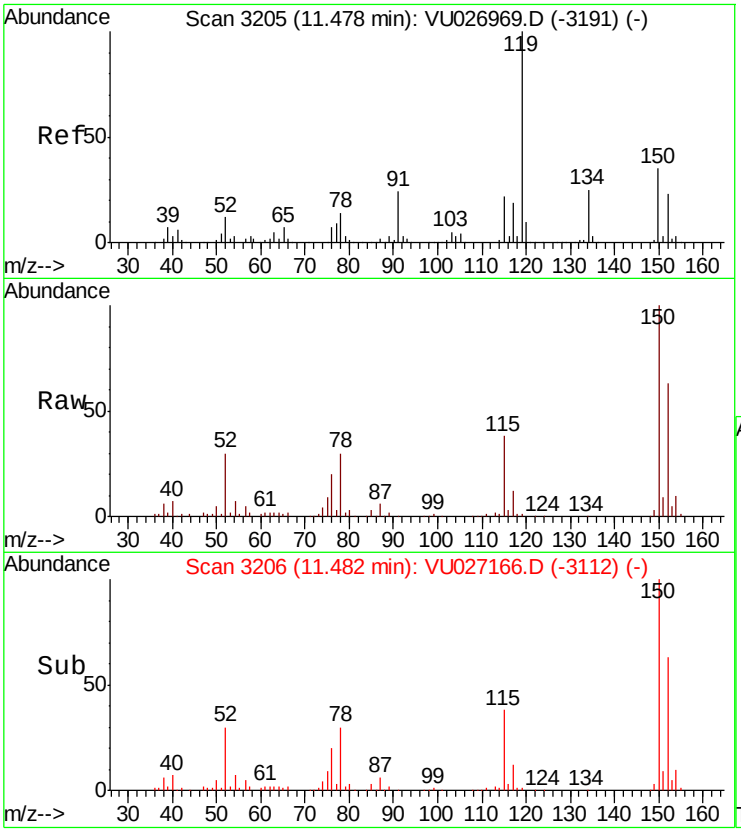


#81
trans-1,4-Dichloro-2-butene
Concen: 68.601 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.21 min
Lab File: VU027166.D
Acq: 26 Sep 2018 10:47

Tgt Ion: 75 Resp: 46590

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



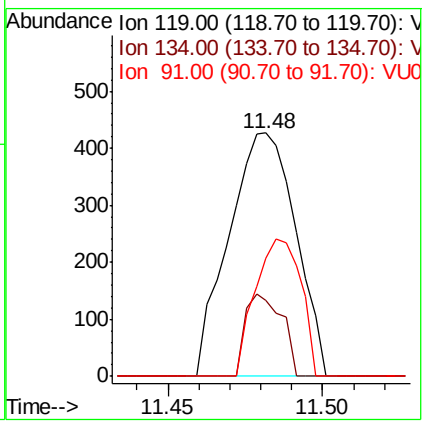


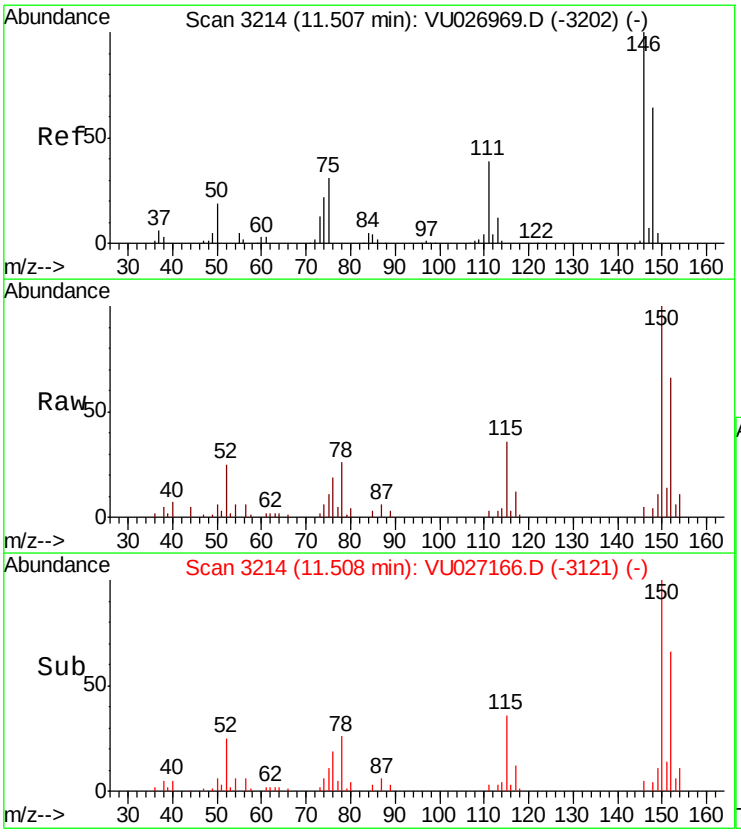
#86
p-Isopropyltoluene
Concen: 1.051 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. 0.00 min
Lab File: VU027166.D
Acq: 26 Sep 2018 10:47

Instrument :
MSVOA_U
ClientSampleId :
MW-16-092018

Tgt Ion:119 Resp: 642

Ion	Ratio	Lower	Upper
119	100		
134	18.4	12.8	38.3
91	38.5	12.3	36.8#

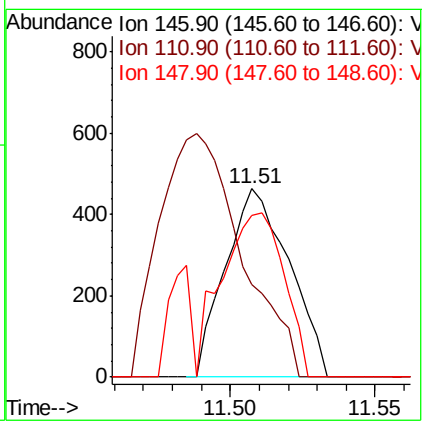


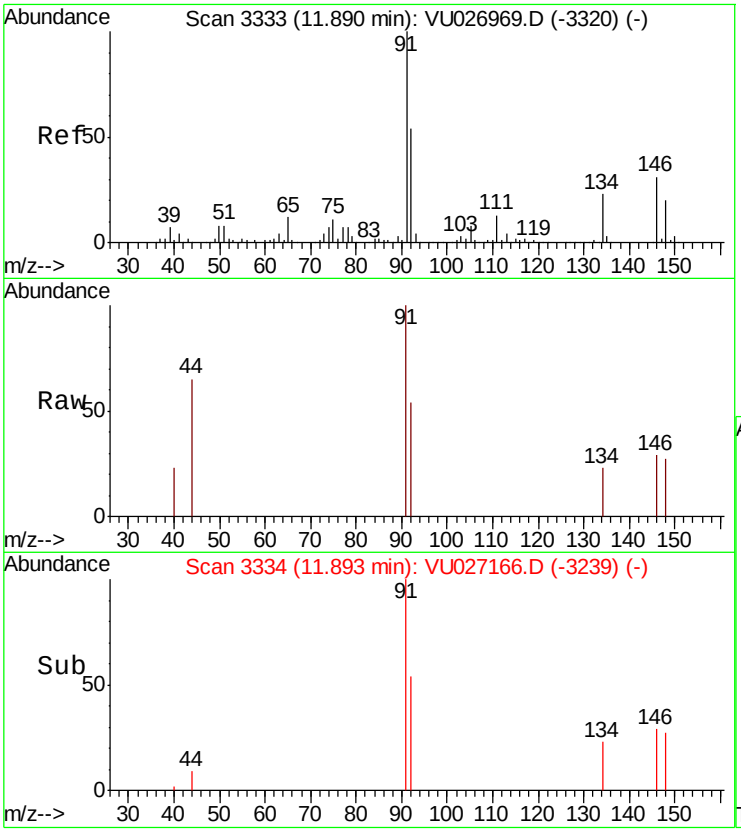


#88
1,4-Dichlorobenzene
Concen: 0.263 ug/l
RT: 11.51 min Scan# 3214
Delta R.T. 0.00 min
Lab File: VU027166.D
Acq: 26 Sep 2018 10:47

Tgt Ion:146 Resp: 709

Ion	Ratio	Lower	Upper
146	100		
111	0.0	20.3	60.9#
148	85.3	31.9	95.9



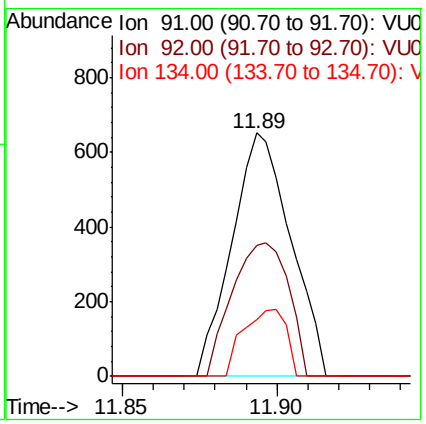


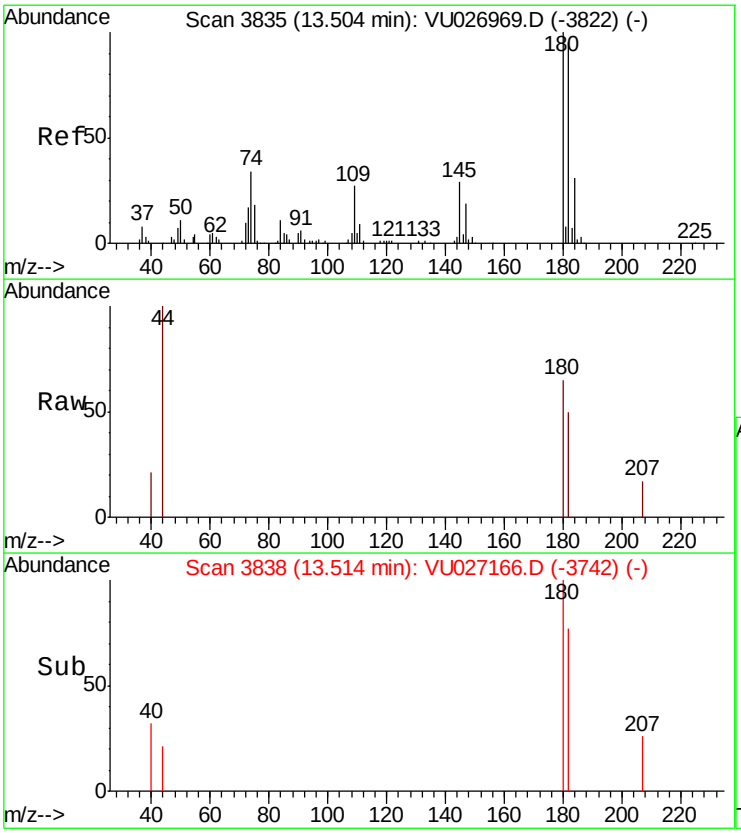
#89
n-Butylbenzene
Concen: 2.558 ug/l
RT: 11.89 min Scan# 3334
Delta R.T. 0.00 min
Lab File: VU027166.D
Acq: 26 Sep 2018 10:47

Instrument :
MSVOA_U
ClientSampleId :
MW-16-092018

Tgt Ion: 91 Resp: 859

Ion	Ratio	Lower	Upper
91	100		
92	52.4	27.1	81.2
134	19.8	11.7	35.0

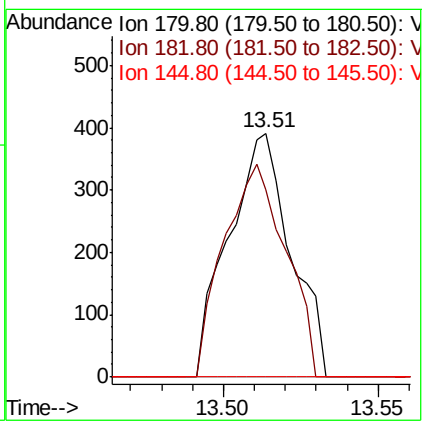


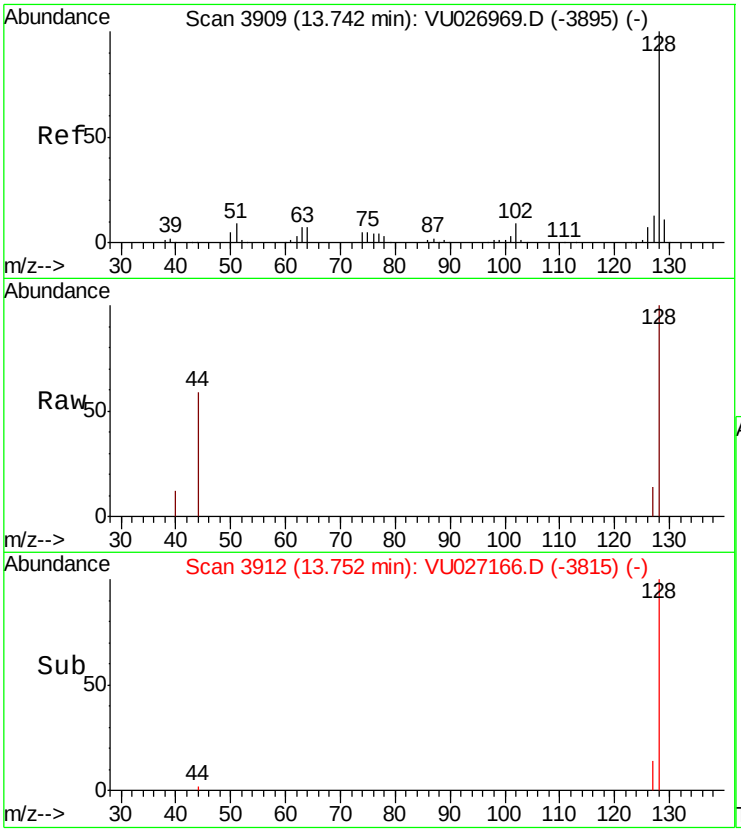


#93
1,2,4-Trichlorobenzene
Concen: 0.360 ug/l
RT: 13.51 min Scan# 3838
Delta R.T. 0.01 min
Lab File: VU027166.D
Acq: 26 Sep 2018 10:47

Tgt Ion:180 Resp: 545

Ion	Ratio	Lower	Upper
180	100		
182	87.2	47.4	142.2
145	0.0	14.9	44.5#



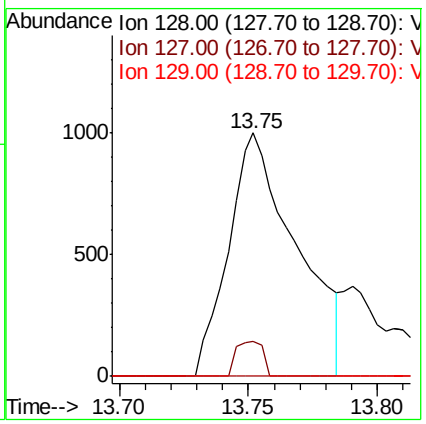


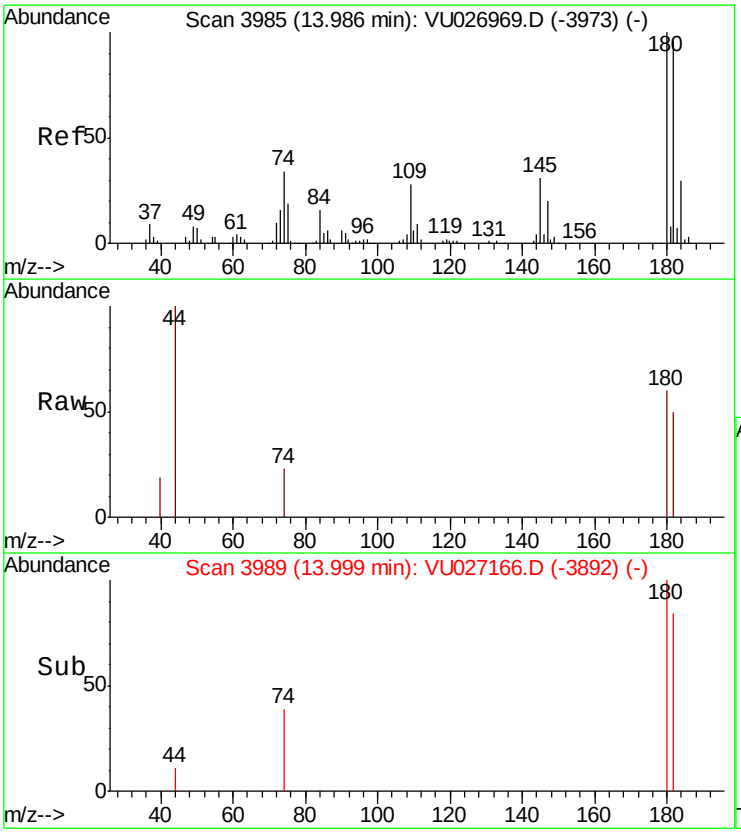
#95
Naphthalene
Concen: 1.987 ug/l
RT: 13.75 min Scan# 3912
Delta R.T. 0.01 min
Lab File: VU027166.D
Acq: 26 Sep 2018 10:47

Instrument : MSVOA_U
ClientSampleId : MW-16-092018

Tgt Ion:128 Resp: 1824

Ion	Ratio	Lower	Upper
128	100		
127	5.5	10.6	15.8#
129	0.0	8.6	12.8#





#96
1,2,3-Trichlorobenzene
Concen: 0.393 ug/l
RT: 14.00 min Scan# 3989
Delta R.T. 0.01 min
Lab File: VU027166.D
Acq: 26 Sep 2018 10:47

Tgt Ion:180 Resp: 638

Ion	Ratio	Lower	Upper
180	100		
182	98.9	47.5	142.5
145	6.4	15.4	46.4#