Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092618\
Data File : VU027200.D
Acq On : 27 Sep 2018 00:47
Operator : MD/SY
Sample : J5048-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MW-57-SEP18

Quant Time: Sep 27 03:59:16 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	95355	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	165930	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	171800	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	103590	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.32	65	95863	49.95	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.90%			
35) Dibromofluoromethane	4.89	113	61793	42.96	ug/l	0.00
Spiked Amount 50.000			Recovery = 85.92%			
50) Toluene-d8	7.57	98	273263	49.85	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.70%			
62) 4-Bromofluorobenzene	10.31	95	109959	58.46	ug/l	0.00
Spiked Amount 50.000			Recovery = 116.92%			
Target Compounds						Qvalue
4) Vinyl Chloride	1.40	62	21885	10.923	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.28	101	51413	36.744	ug/l	99
12) 1,1-Dichloroethene	2.28	96	11924	9.054	ug/l	95
13) Acrolein	2.20	56	11059	46.637	ug/l	99
16) Acetone	2.34	43	2130252	2220.365	ug/l	99
20) Methylene Chloride	2.70	84	5284	3.074	ug/l	97
21) trans-1,2-Dichloroethene	2.99	96	29452	20.946	ug/l	98
24) 1,1-Dichloroethane	3.45	63	99900	31.747	ug/l	99
25) 2-Butanone	4.29	43	49541	30.716	ug/l	95
27) cis-1,2-Dichloroethene	4.23	96	299020	188.305	ug/l	92
30) Chloroform	4.68	83	15515	5.312	ug/l	98
32) 1,1,1-Trichloroethane	4.92	97	147128	63.088	ug/l	99
37) Ethyl Acetate	4.40	43	809582	270.050	ug/l	99
40) Benzene	5.39	78	5678	0.843	ug/l	99
44) Trichloroethene	6.19	130	346861	242.018	ug/l	97
51) 4-Methyl-2-Pentanone	7.47	43	367496	124.979	ug/l	99
52) Toluene	7.64	92	22570	5.849	ug/l	98
64) Tetrachloroethene	8.23	164	248305	187.564	ug/l	98
67) Ethyl Benzene	9.25	91	4972	0.664	ug/l	99
68) m/p-Xylenes	9.38	106	11651	5.284	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	4428	0.669	ug/l	90
95) Naphthalene	13.74	128	23633	4.352	ug/l	99

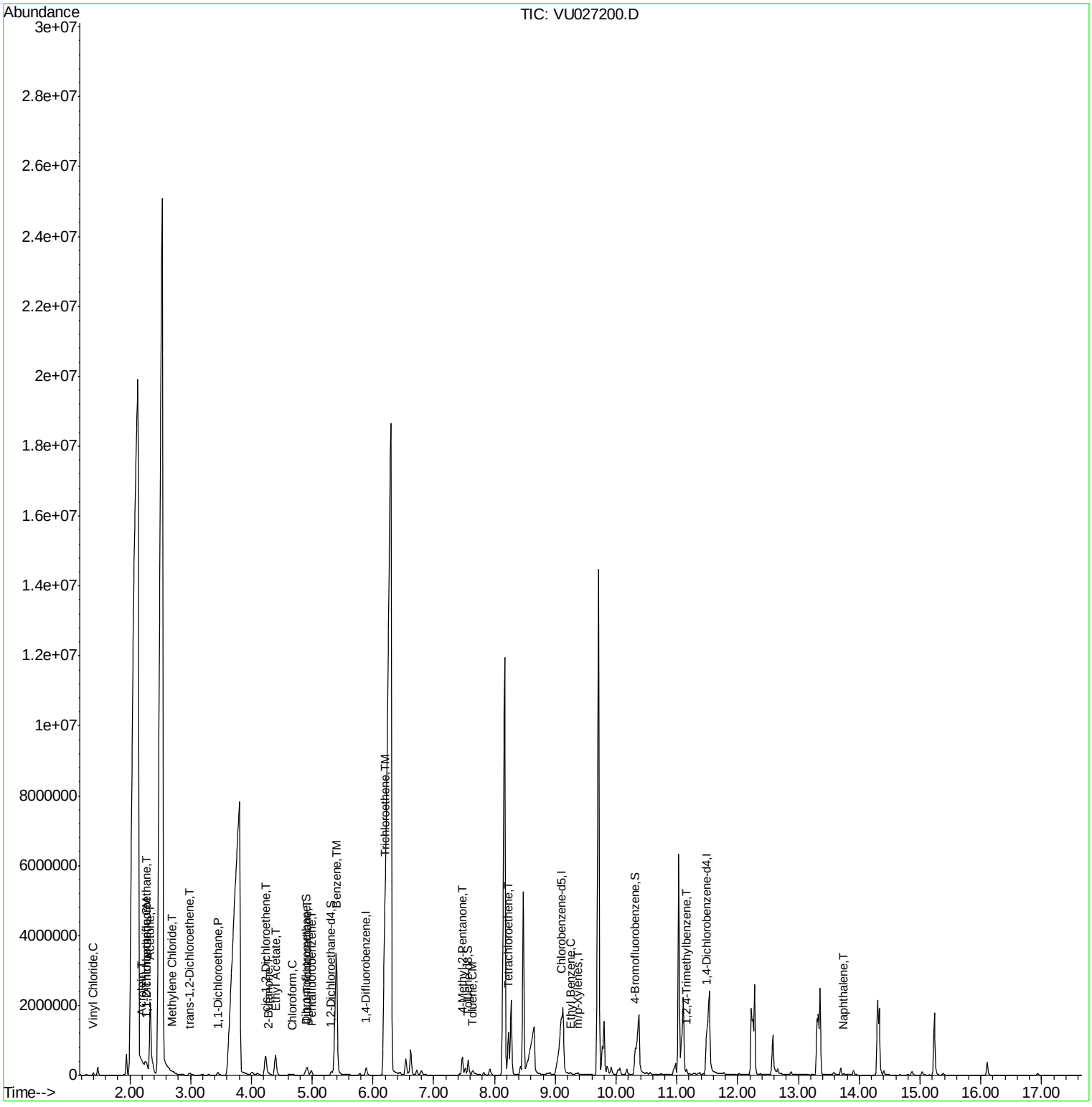
(#) = qualifier out of range (m) = manual integration (+) = signals summed

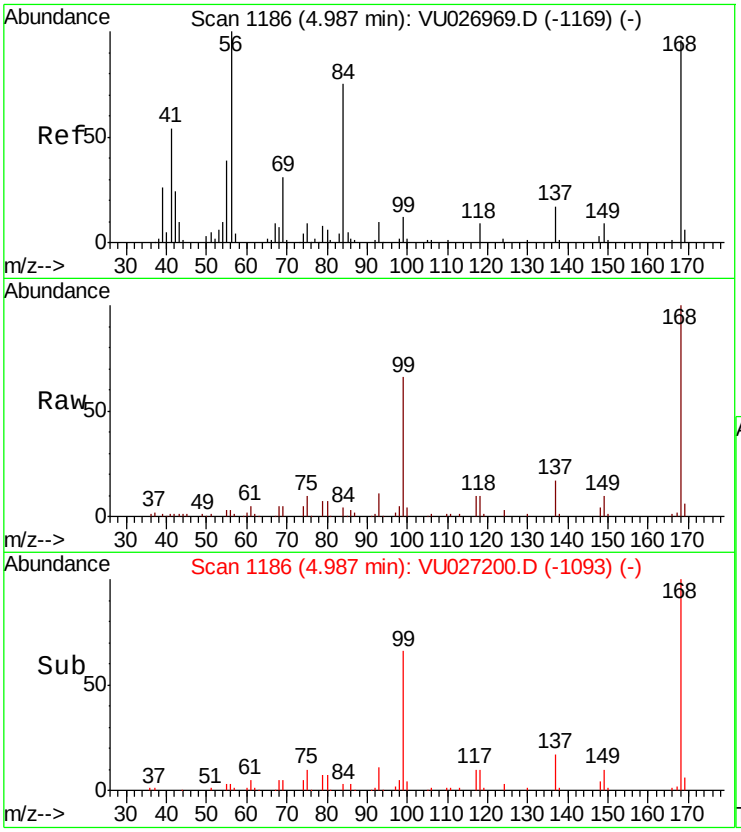
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092618\
Data File : VU027200.D
Acq On : 27 Sep 2018 00:47
Operator : MD/SY
Sample : J5048-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MW-57-SEP18

Quant Time: Sep 27 03:59:16 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



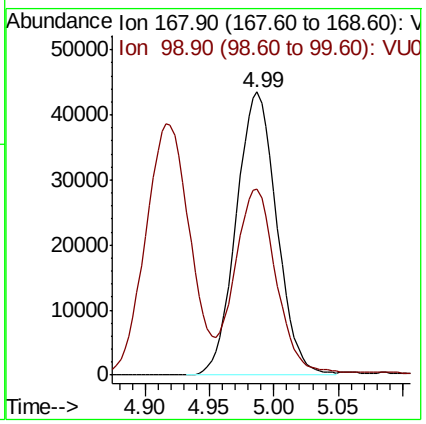


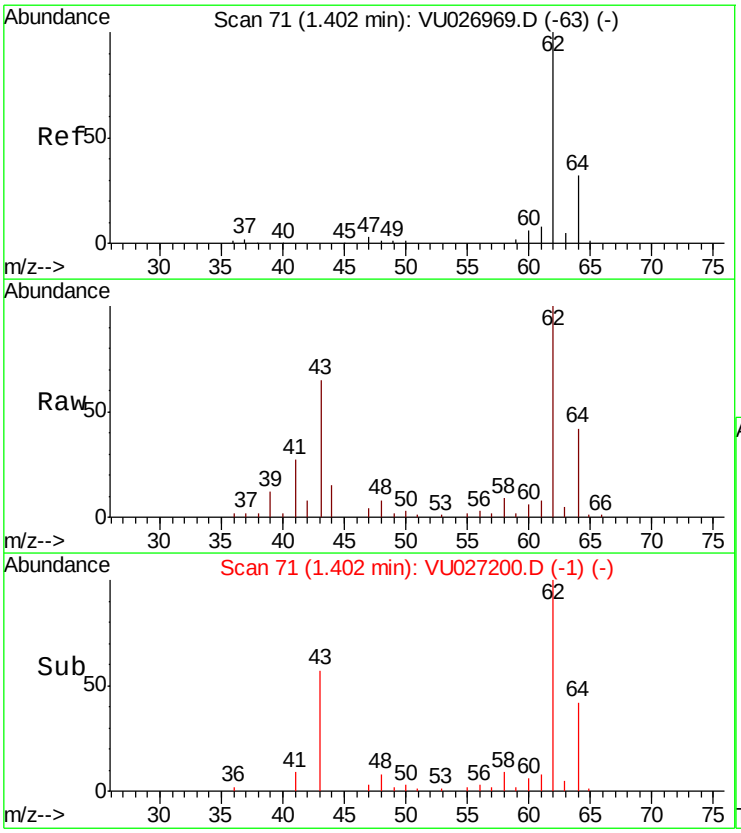
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. 0.00 min
Lab File: VU027200.D
Acq: 27 Sep 2018 00:47

Instrument :
MSVOA_U
ClientSampleId :
MW-57-SEP18

Tgt Ion:168 Resp: 95355

Ion	Ratio	Lower	Upper
168	100		
99	64.5	48.1	72.1

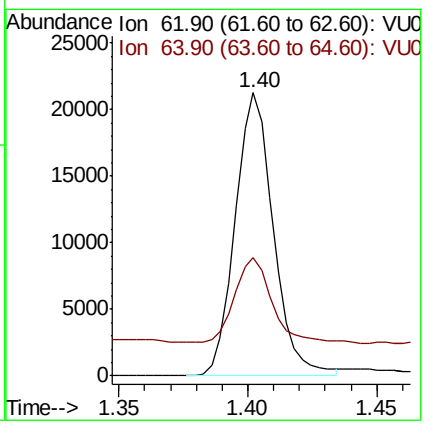


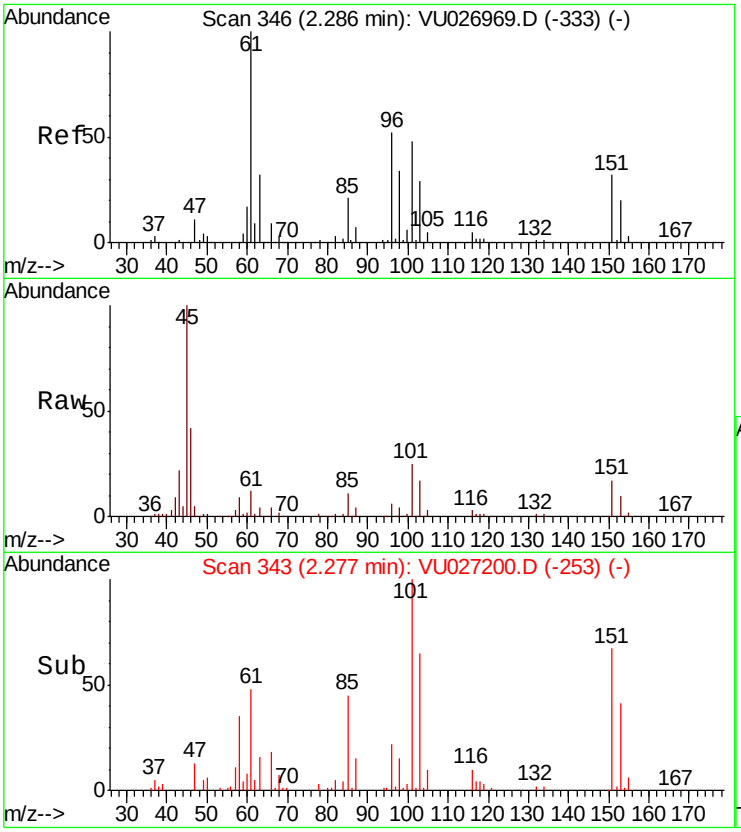


#4
Vinyl Chloride
Concen: 10.923 ug/l
RT: 1.40 min Scan# 71
Delta R.T. 0.00 min
Lab File: VU027200.D
Acq: 27 Sep 2018 00:47

Tgt Ion: 62 Resp: 21885

Ion	Ratio	Lower	Upper
62	100		
64	29.8	25.5	38.3



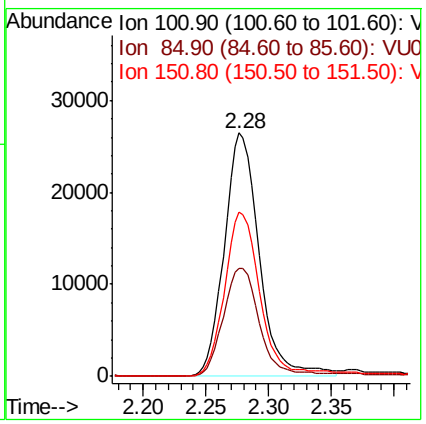


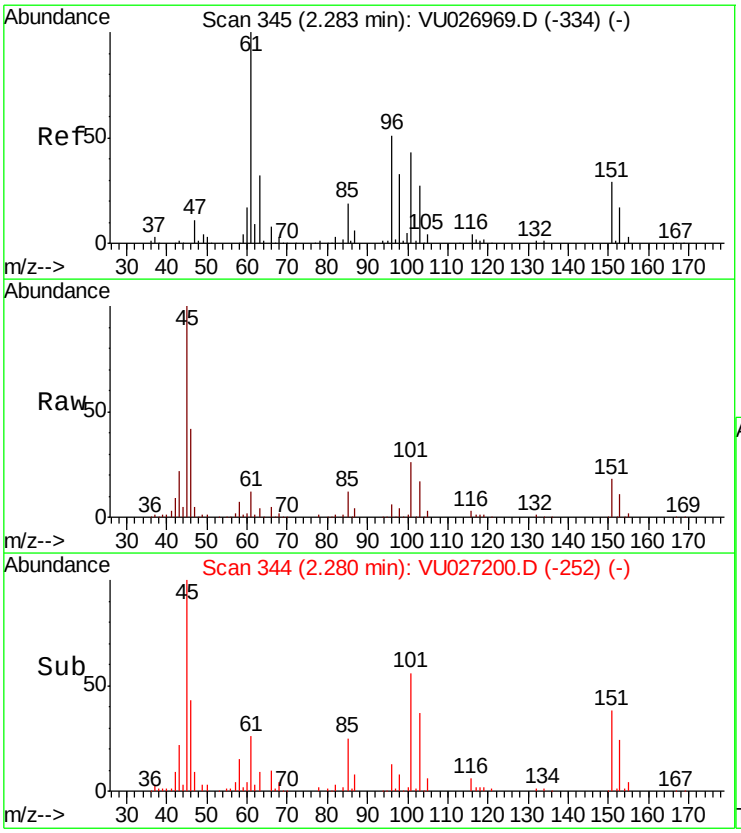
#9
1,1,2-Trichlorotrifluoroethane
Concen: 36.744 ug/l
RT: 2.28 min Scan# 343
Delta R.T. -0.01 min
Lab File: VU027200.D
Acq: 27 Sep 2018 00:47

Instrument :
MSVOA_U
ClientSampleId :
MW-57-SEP18

Tgt Ion:101 Resp: 51413

Ion	Ratio	Lower	Upper
101	100		
85	44.8	36.2	54.2
151	67.3	54.5	81.7

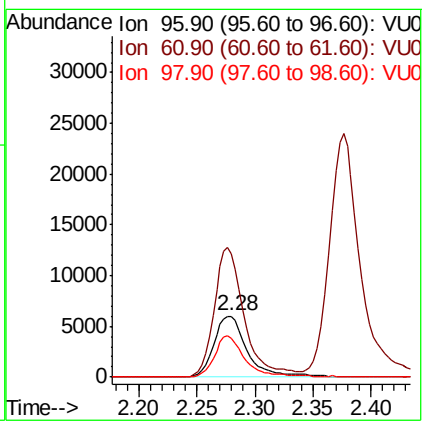


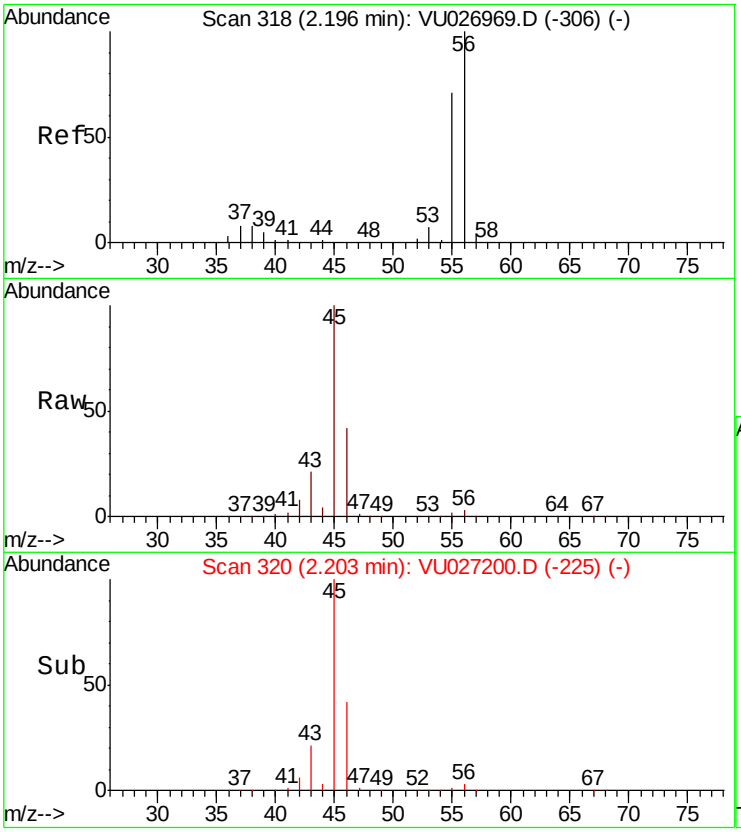


#12
1,1-Dichloroethene
Concen: 9.054 ug/l
RT: 2.28 min Scan# 344
Delta R.T. -0.00 min
Lab File: VU027200.D
Acq: 27 Sep 2018 00:47

Tgt Ion: 96 Resp: 11924

Ion	Ratio	Lower	Upper
96	100		
61	203.8	156.1	234.1
98	63.4	51.4	77.0



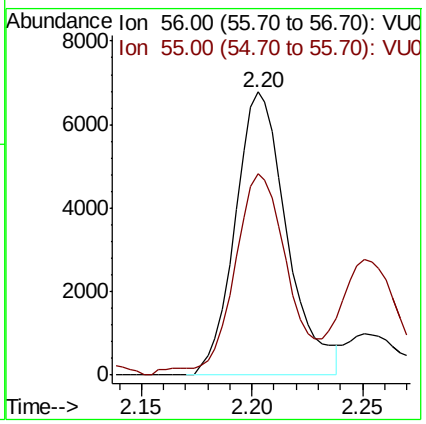


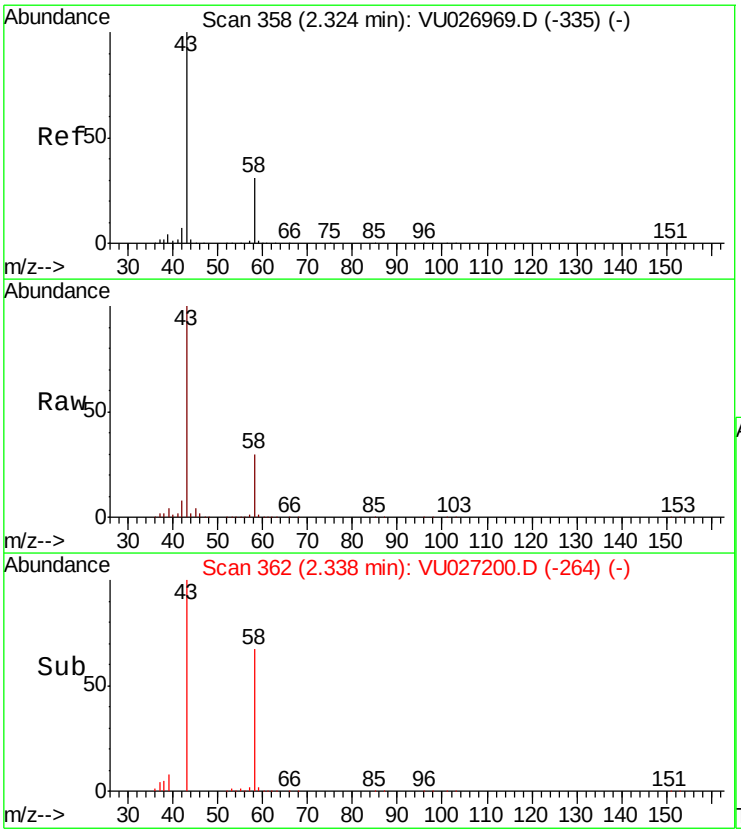
#13
Acrolein
Concen: 46.637 ug/l
RT: 2.20 min Scan# 320
Delta R.T. 0.01 min
Lab File: VU027200.D
Acq: 27 Sep 2018 00:47

Instrument :
MSVOA_U
ClientSampleId :
MW-57-SEP18

Tgt Ion: 56 Resp: 11059

Ion	Ratio	Lower	Upper
56	100		
55	72.3	57.1	85.7

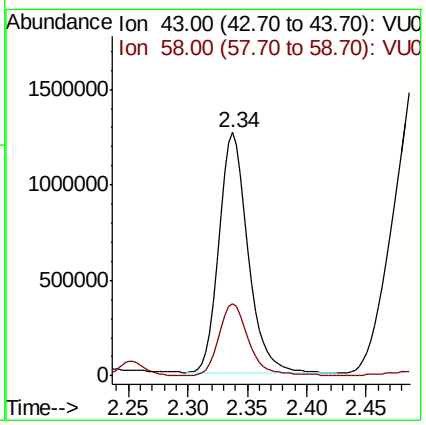


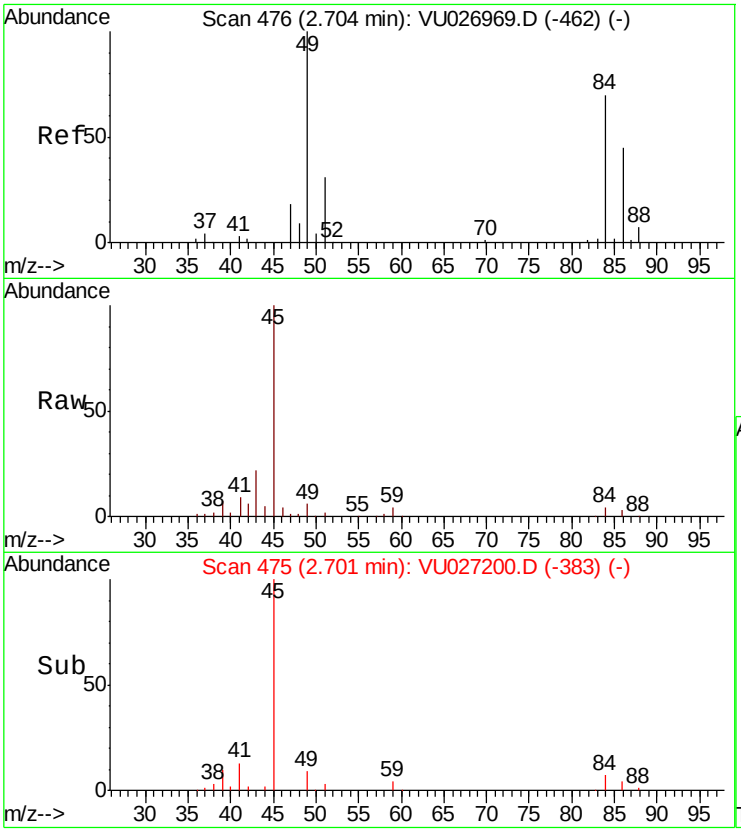


#16
Acetone
Concen: 2220.365 ug/l
RT: 2.34 min Scan# 362
Delta R.T. 0.01 min
Lab File: VU027200.D
Acq: 27 Sep 2018 00:47

Tgt Ion: 43 Resp: 2130252

Ion	Ratio	Lower	Upper
43	100		
58	29.9	24.6	36.8



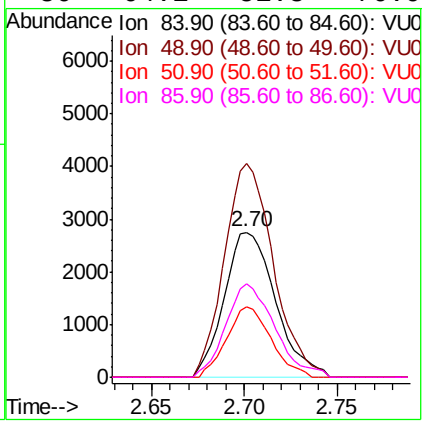


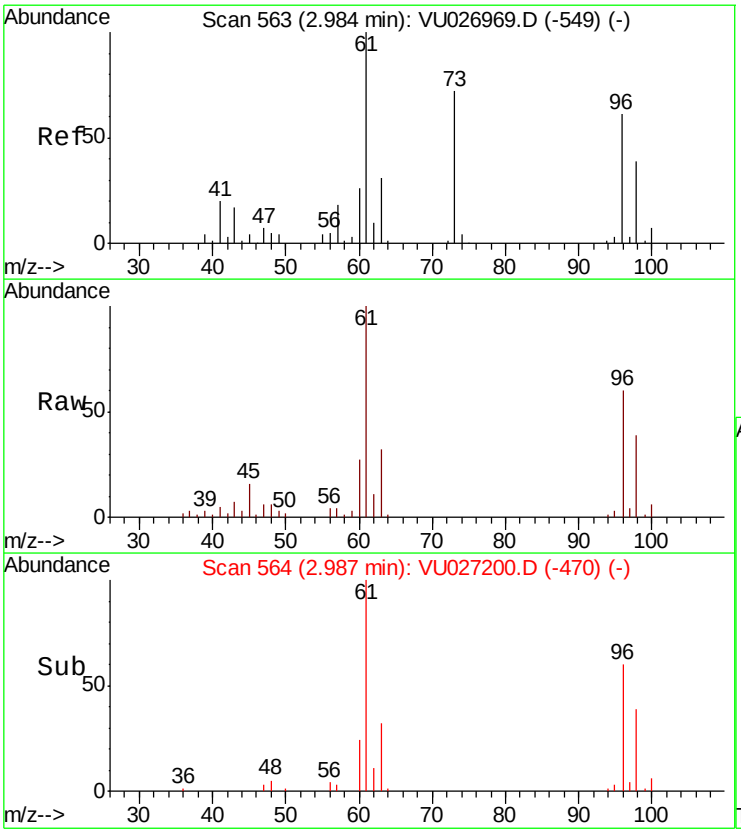
#20
Methylene Chloride
Concen: 3.074 ug/l
RT: 2.70 min Scan# 475
Delta R.T. -0.00 min
Lab File: VU027200.D
Acq: 27 Sep 2018 00:47

Instrument : MSVOA_U
ClientSampleId : MW-57-SEP18

Tgt Ion: 84 Resp: 5284

Ion	Ratio	Lower	Upper
84	100		
49	147.2	114.9	172.3
51	48.6	35.8	53.8
86	64.1	51.3	76.9

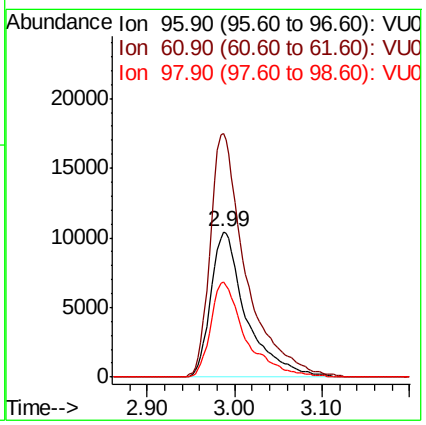


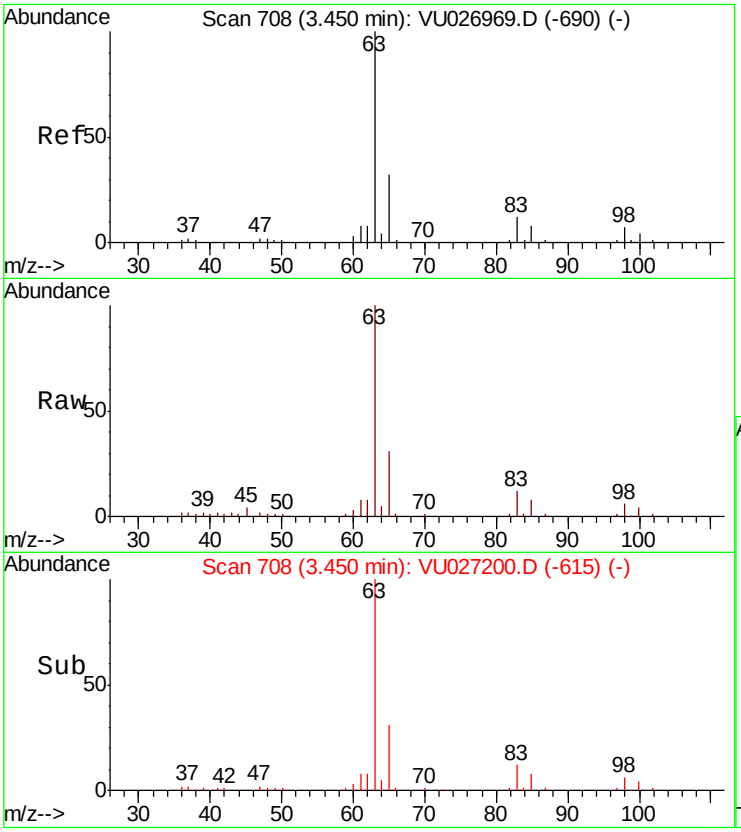


#21
trans-1,2-Dichloroethene
Concen: 20.946 ug/l
RT: 2.99 min Scan# 564
Delta R.T. 0.00 min
Lab File: VU027200.D
Acq: 27 Sep 2018 00:47

Tgt Ion: 96 Resp: 29452

Ion	Ratio	Lower	Upper
96	100		
61	167.8	131.8	197.6
98	65.2	50.9	76.3



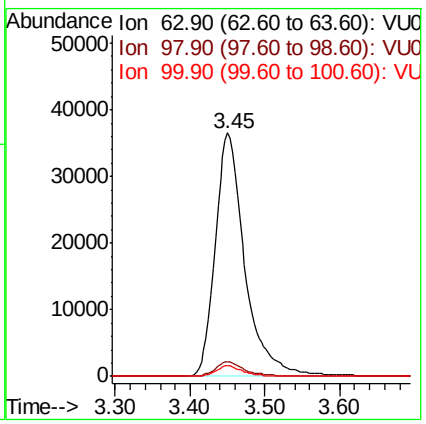


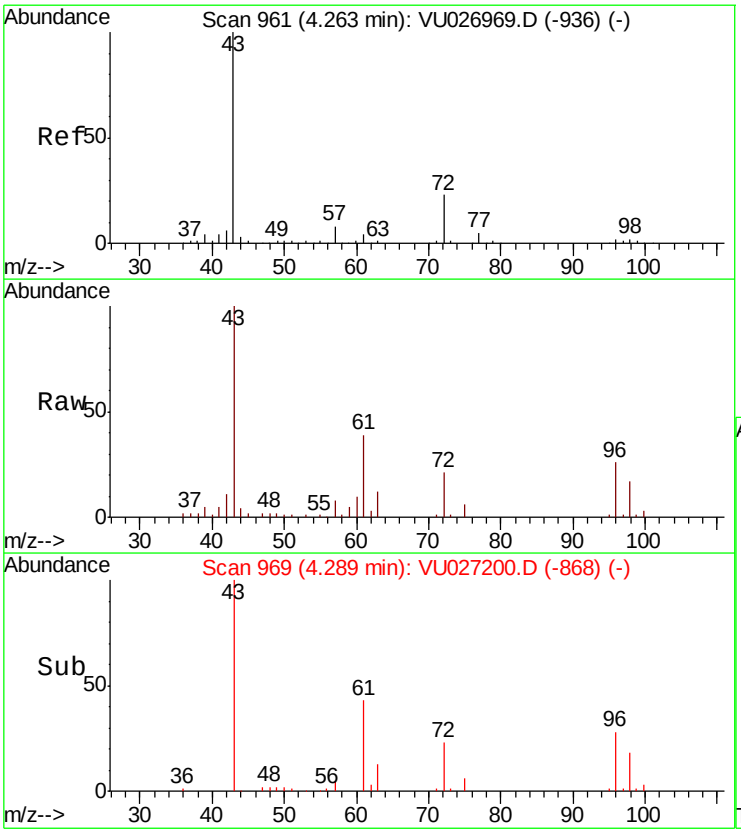
#24
1,1-Dichloroethane
Concen: 31.747 ug/l
RT: 3.45 min Scan# 708
Delta R.T. 0.00 min
Lab File: VU027200.D
Acq: 27 Sep 2018 00:47

Instrument : MSVOA_U
ClientSampleId : MW-57-SEP18

Tgt Ion: 63 Resp: 99900

Ion	Ratio	Lower	Upper
63	100		
98	6.1	3.3	9.8
100	4.3	2.0	5.8

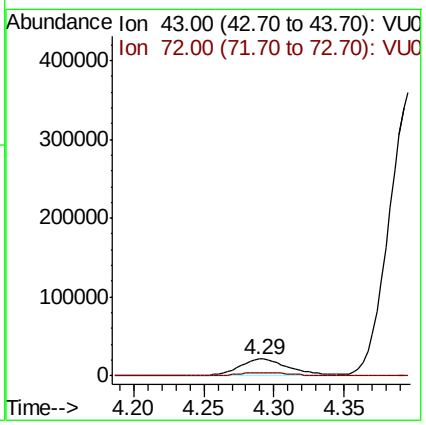


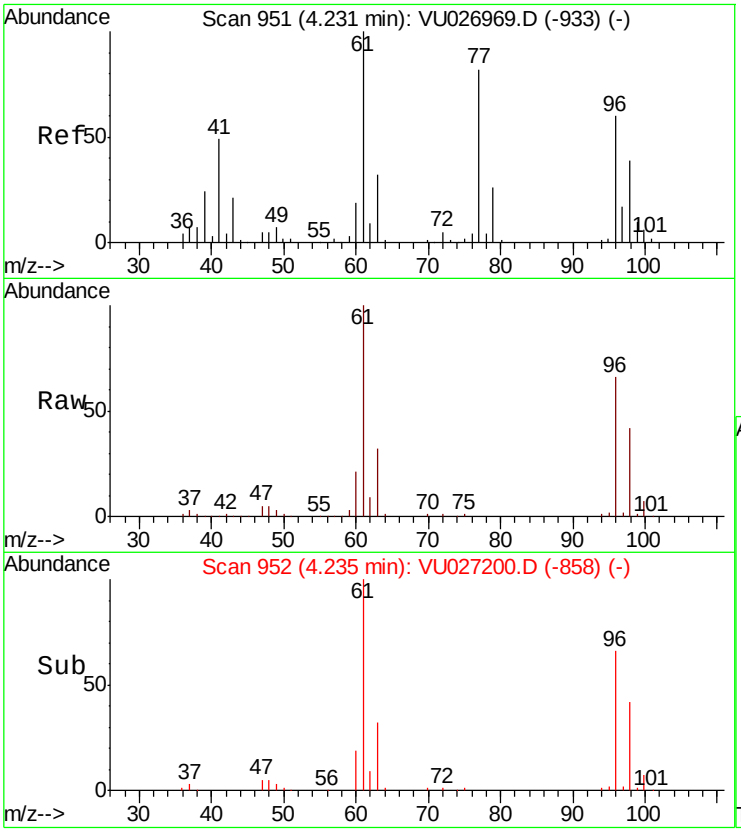


#25
2-Butanone
Concen: 30.716 ug/l
RT: 4.29 min Scan# 969
Delta R.T. 0.03 min
Lab File: VU027200.D
Acq: 27 Sep 2018 00:47

Tgt Ion: 43 Resp: 49541

Ion	Ratio	Lower	Upper
43	100		
72	20.5	18.4	27.6



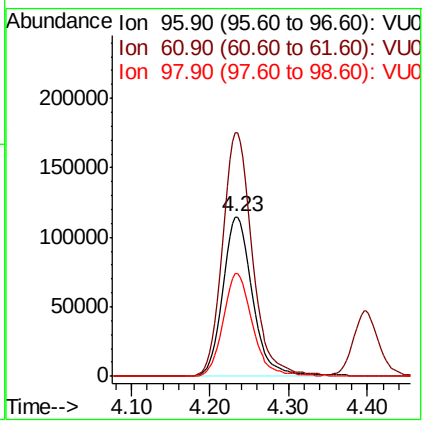


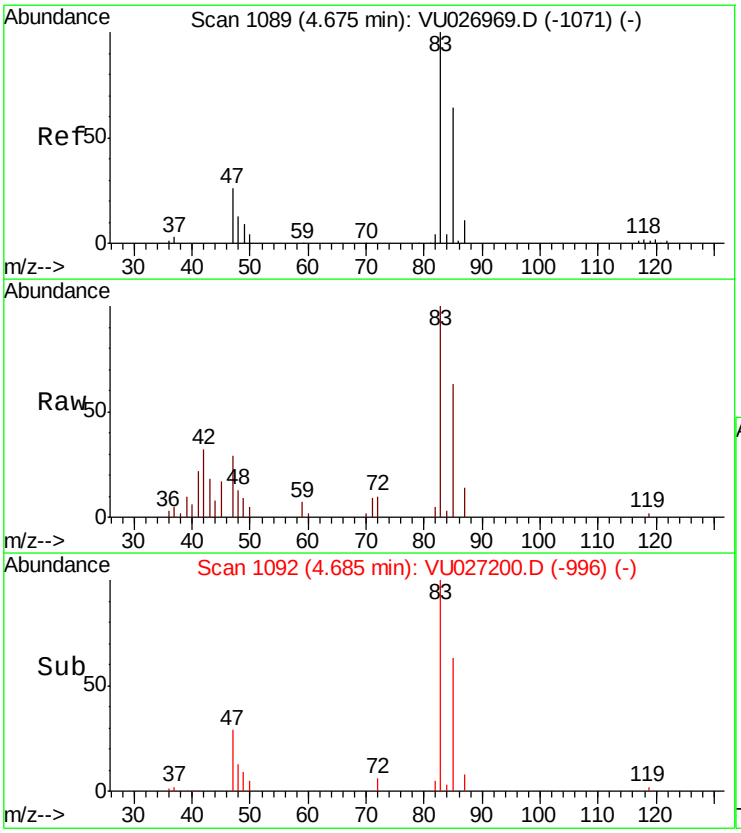
#27
cis-1,2-Dichloroethene
Concen: 188.305 ug/l
RT: 4.23 min Scan# 952
Delta R.T. 0.00 min
Lab File: VU027200.D
Acq: 27 Sep 2018 00:47

Instrument :
MSVOA_U
ClientSampleId :
MW-57-SEP18

Tgt Ion: 96 Resp: 299020

Ion	Ratio	Lower	Upper
96	100		
61	153.1	0.0	337.2
98	63.9	0.0	127.6

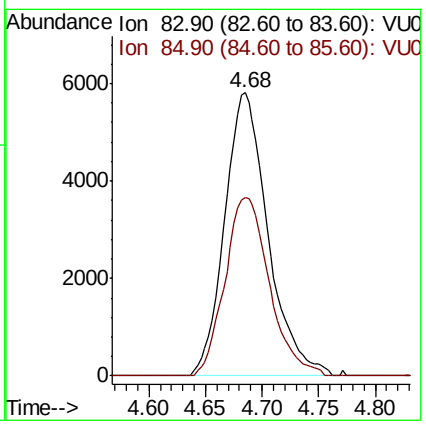


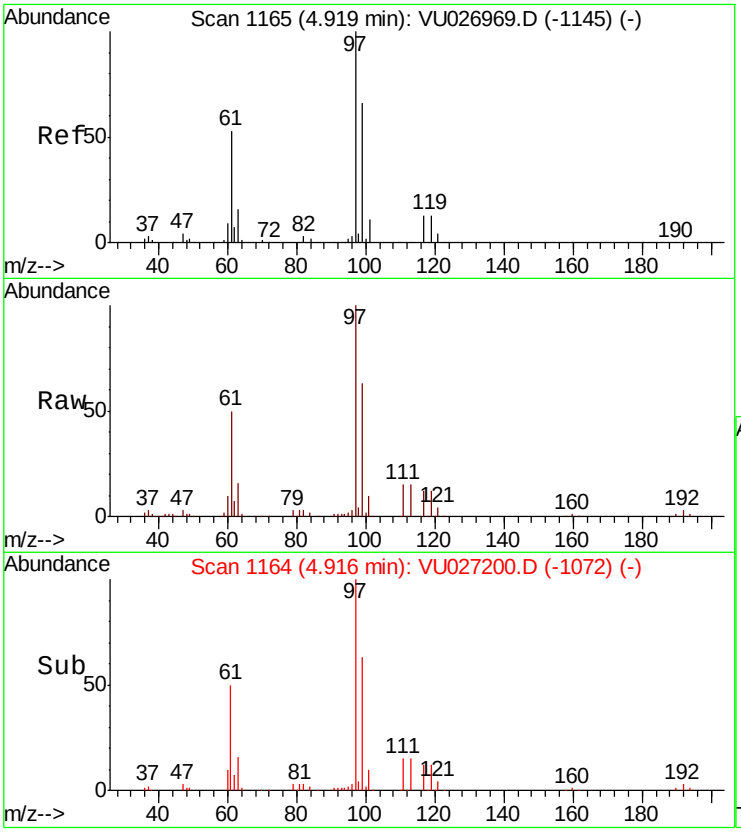


#30
Chloroform
Concen: 5.312 ug/l
RT: 4.68 min Scan# 1092
Delta R.T. 0.01 min
Lab File: VU027200.D
Acq: 27 Sep 2018 00:47

Tgt Ion: 83 Resp: 15515

Ion	Ratio	Lower	Upper
83	100		
85	62.9	51.5	77.3



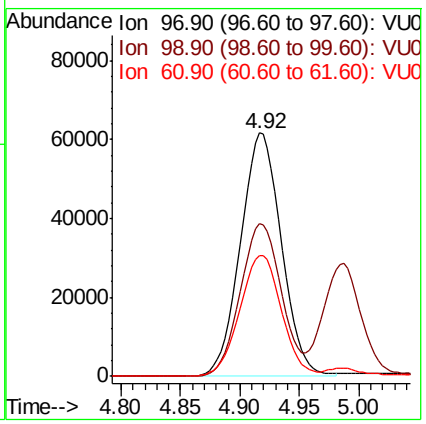


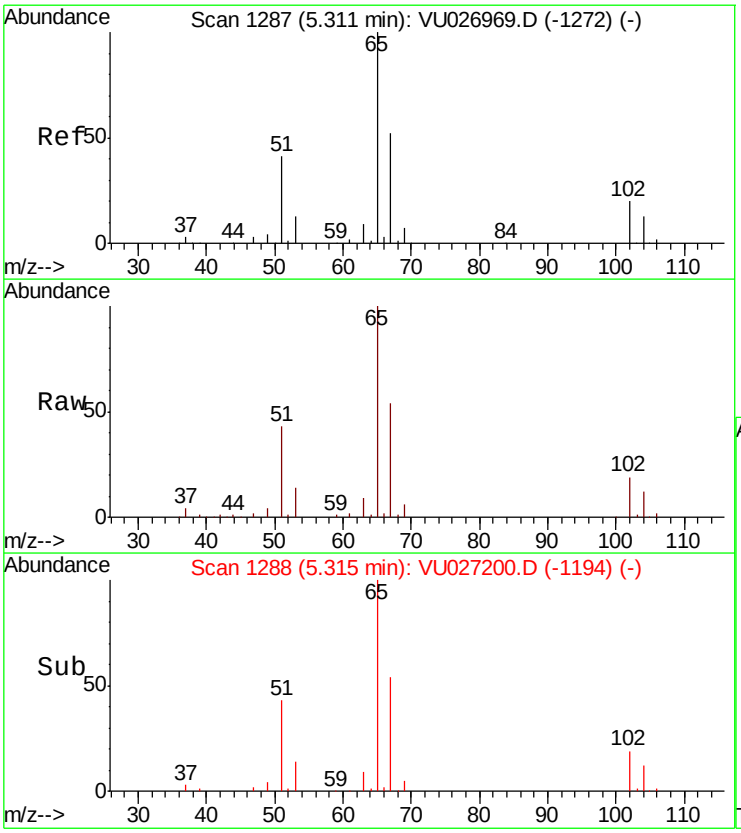
#32
1,1,1-Trichloroethane
Concen: 63.088 ug/l
RT: 4.92 min Scan# 1164
Delta R.T. -0.00 min
Lab File: VU027200.D
Acq: 27 Sep 2018 00:47

Instrument :
MSVOA_U
ClientSampleId :
MW-57-SEP18

Tgt Ion: 97 Resp: 147128

Ion	Ratio	Lower	Upper
97	100		
99	63.3	51.8	77.6
61	50.6	41.1	61.7

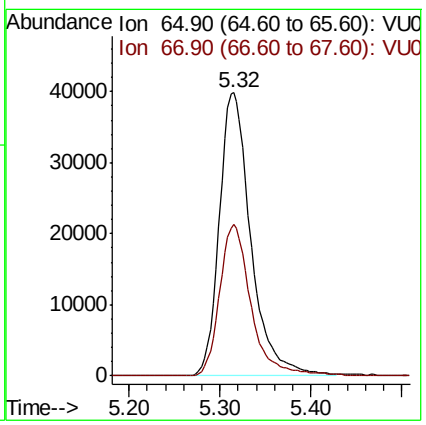


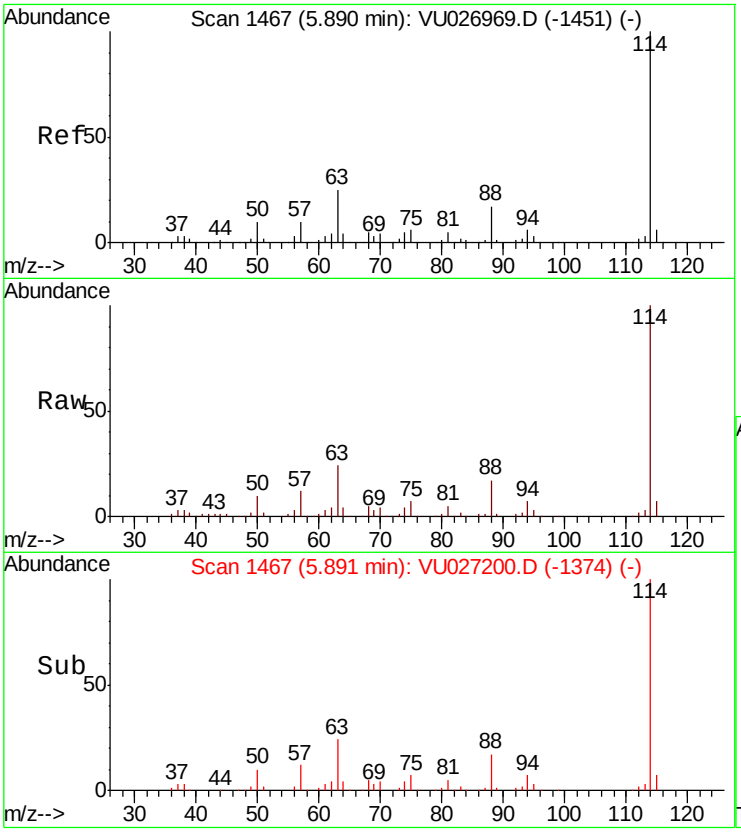


#33
1,2-Dichloroethane-d4
Concen: 49.950 ug/l
RT: 5.32 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VU027200.D
Acq: 27 Sep 2018 00:47

Tgt Ion: 65 Resp: 95863

Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	105.6



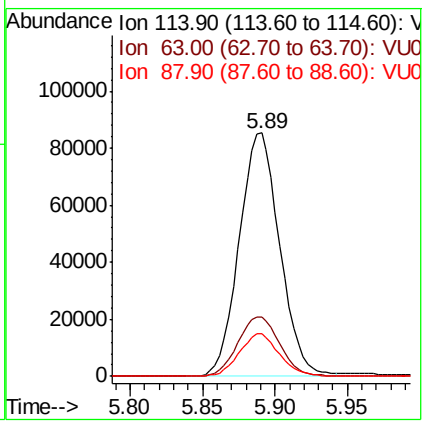


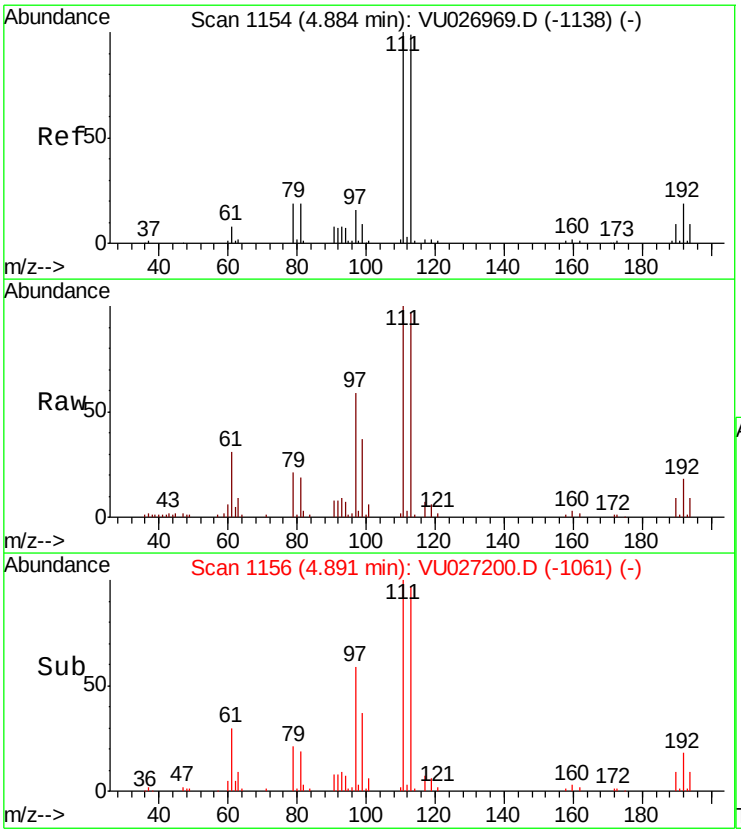
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.89 min Scan# 1467
Delta R.T. 0.00 min
Lab File: VU027200.D
Acq: 27 Sep 2018 00:47

Instrument :
MSVOA_U
ClientSampleId :
MW-57-SEP18

Tgt Ion:114 Resp: 165930

Ion	Ratio	Lower	Upper
114	100		
63	24.1	0.0	49.2
88	17.4	0.0	33.8

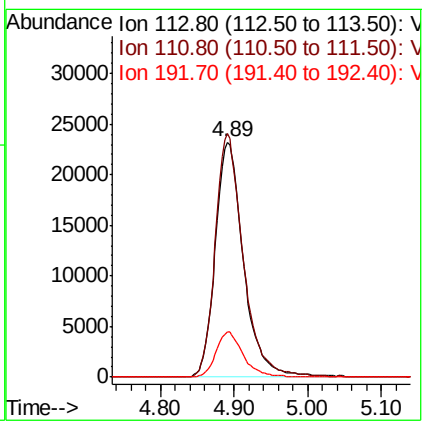


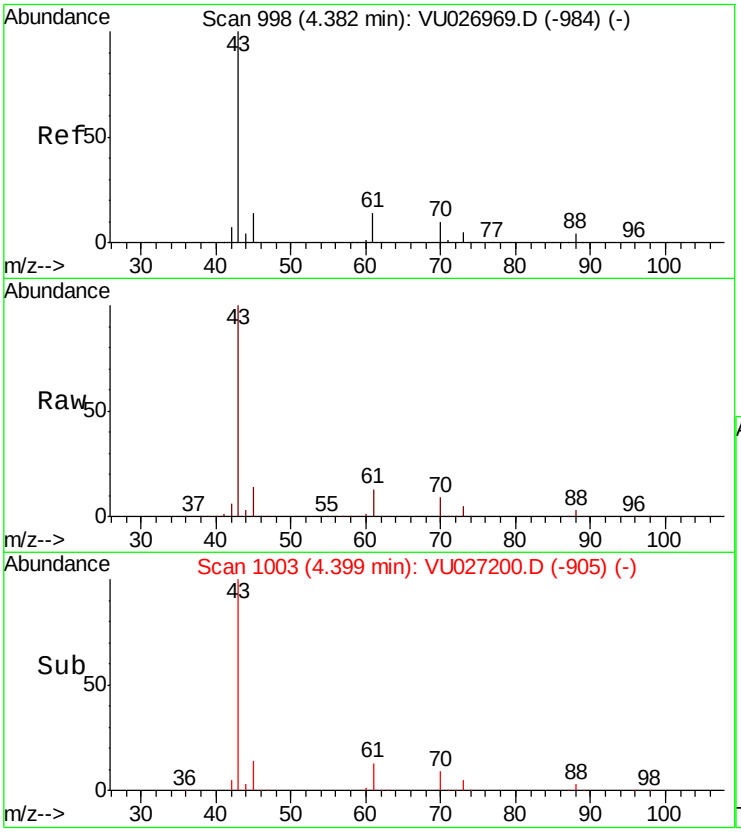


#35
Dibromofluoromethane
Concen: 42.963 ug/l
RT: 4.89 min Scan# 1156
Delta R.T. 0.01 min
Lab File: VU027200.D
Acq: 27 Sep 2018 00:47

Tgt Ion:113 Resp: 61793

Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.2	123.4
192	18.4	15.2	22.8



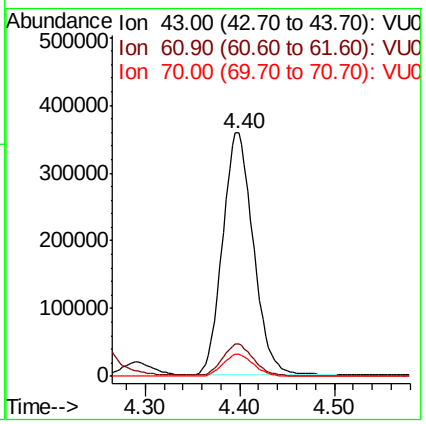


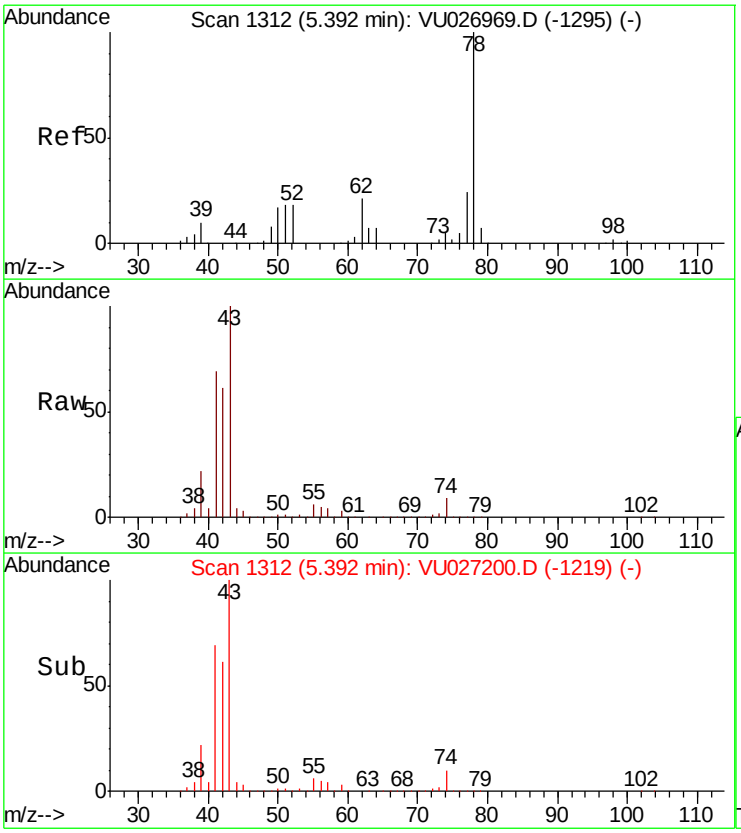
#37
Ethyl Acetate
Concen: 270.050 ug/l
RT: 4.40 min Scan# 1003
Delta R.T. 0.02 min
Lab File: VU027200.D
Acq: 27 Sep 2018 00:47

Instrument : MSVOA_U
ClientSampleId : MW-57-SEP18

Tgt Ion: 43 Resp: 809582

Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.5	15.7
70	9.2	7.4	11.0

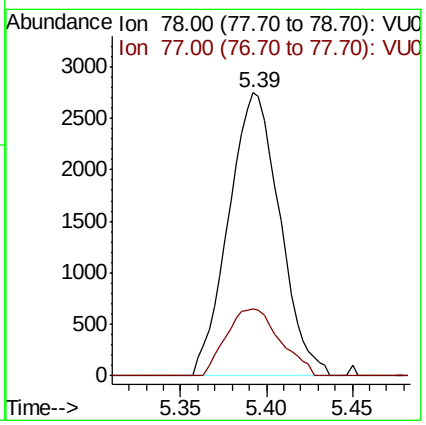


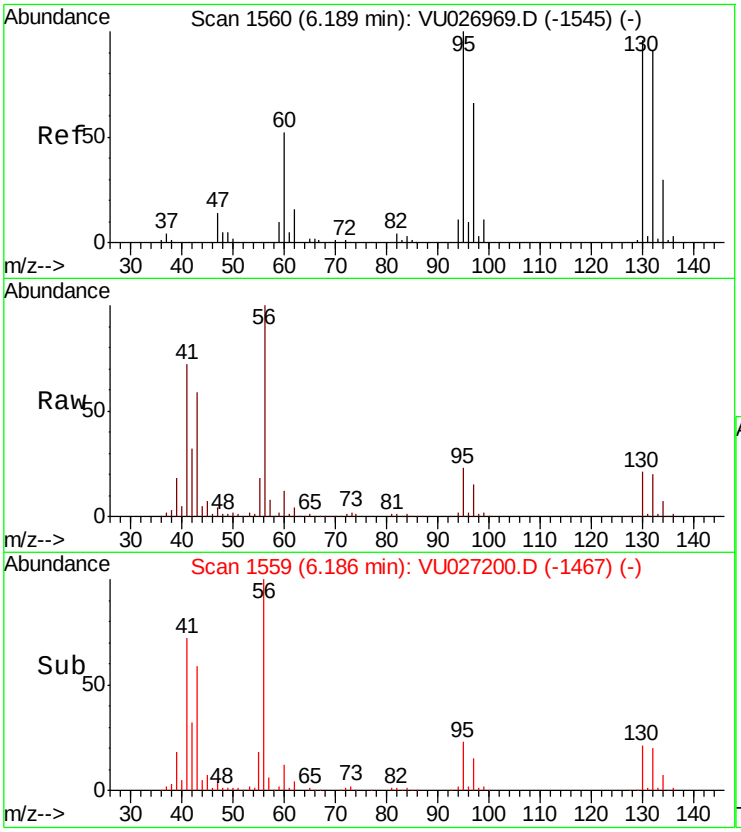


#40
Benzene
Concen: 0.843 ug/l
RT: 5.39 min Scan# 1312
Delta R.T. 0.00 min
Lab File: VU027200.D
Acq: 27 Sep 2018 00:47

Tgt Ion: 78 Resp: 5678

Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.4	29.0



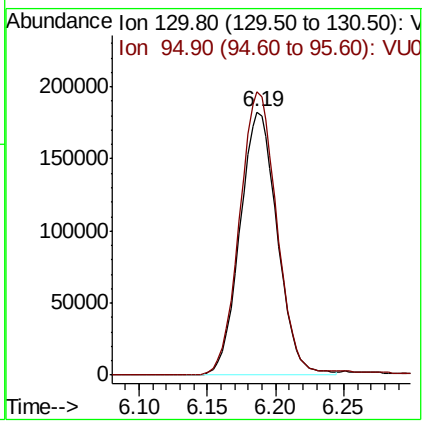


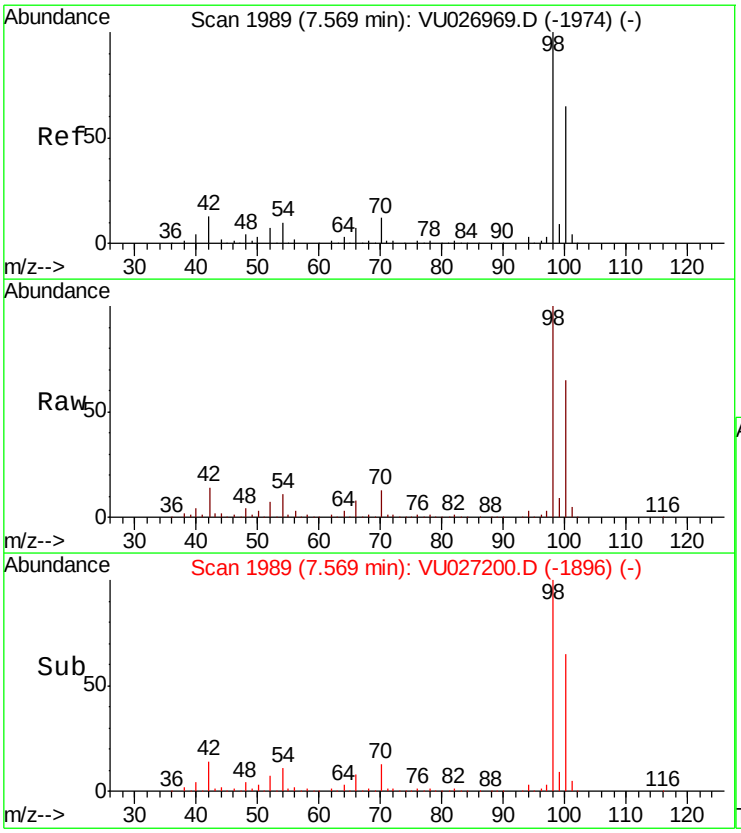
#44
Trichloroethene
Concen: 242.018 ug/l
RT: 6.19 min Scan# 1559
Delta R.T. -0.00 min
Lab File: VU027200.D
Acq: 27 Sep 2018 00:47

Instrument :
MSVOA_U
ClientSampleId :
MW-57-SEP18

Tgt Ion:130 Resp: 346861

Ion	Ratio	Lower	Upper
130	100		
95	107.6	0.0	208.8

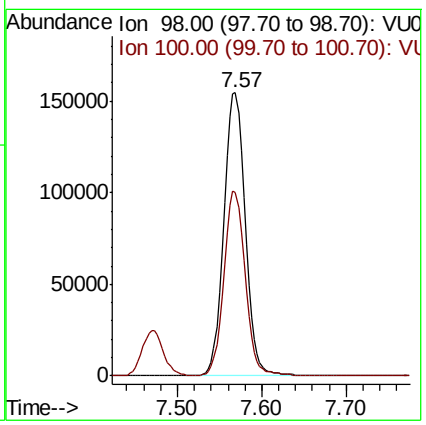


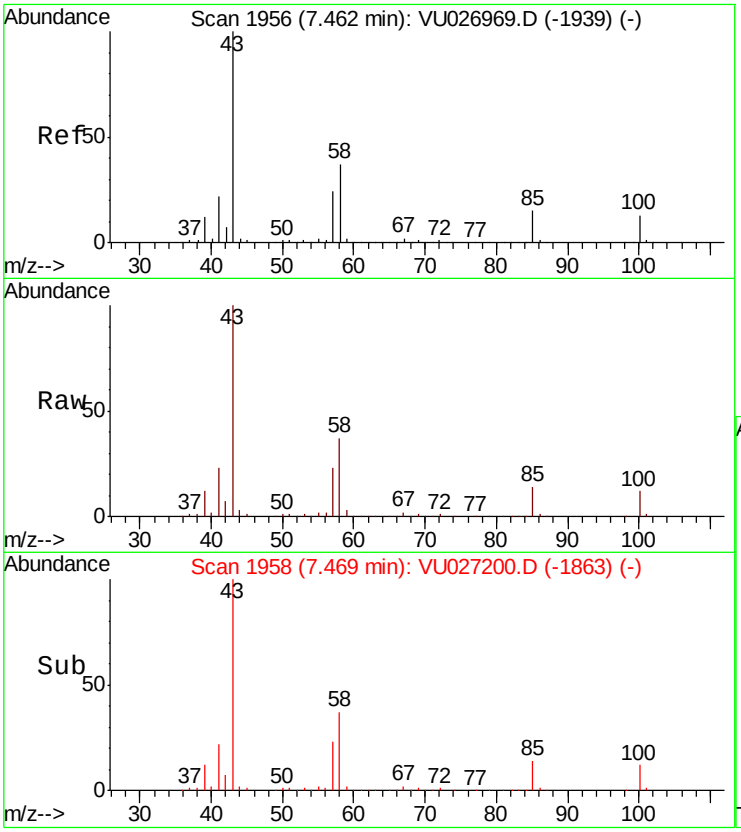


#50
Toluene-d8
Concen: 49.853 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VU027200.D
Acq: 27 Sep 2018 00:47

Tgt Ion: 98 Resp: 273263

Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.1	78.1



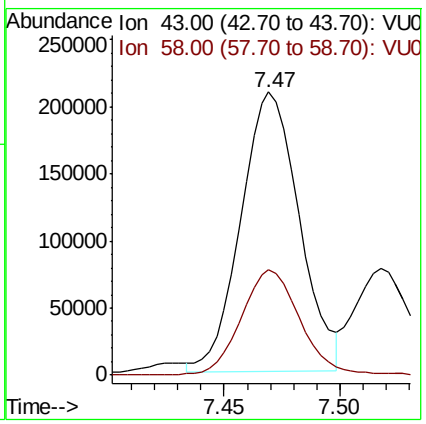


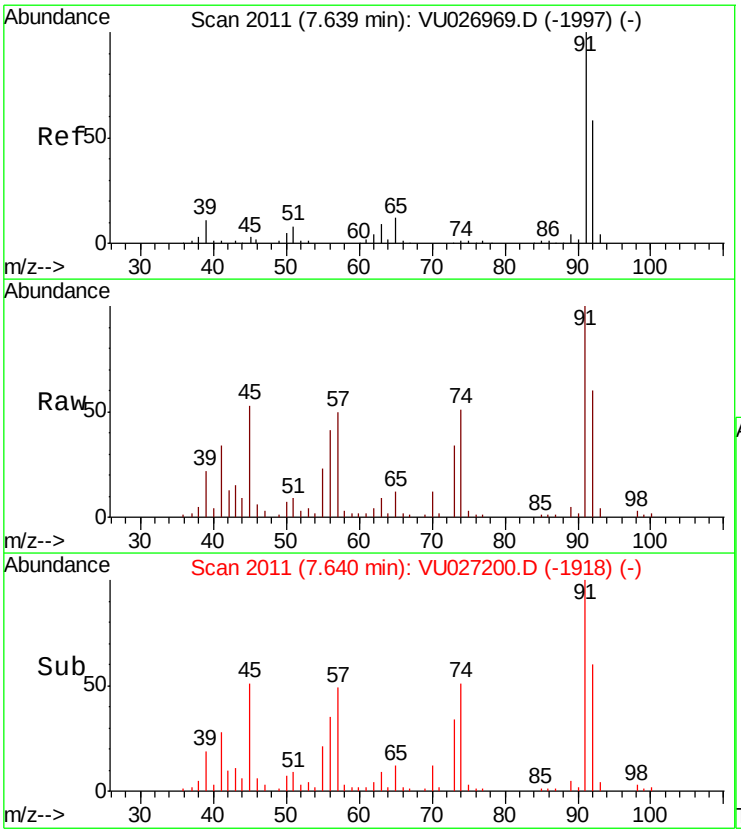
#51
4-Methyl-2-Pentanone
Concen: 124.979 ug/l
RT: 7.47 min Scan# 1958
Delta R.T. 0.01 min
Lab File: VU027200.D
Acq: 27 Sep 2018 00:47

Instrument :
MSVOA_U
ClientSampleId :
MW-57-SEP18

Tgt Ion: 43 Resp: 367496

Ion	Ratio	Lower	Upper
43	100		
58	38.0	29.8	44.6

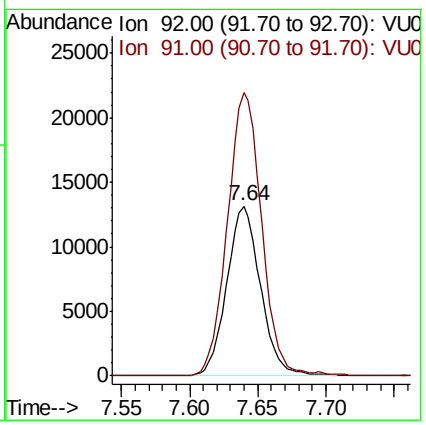


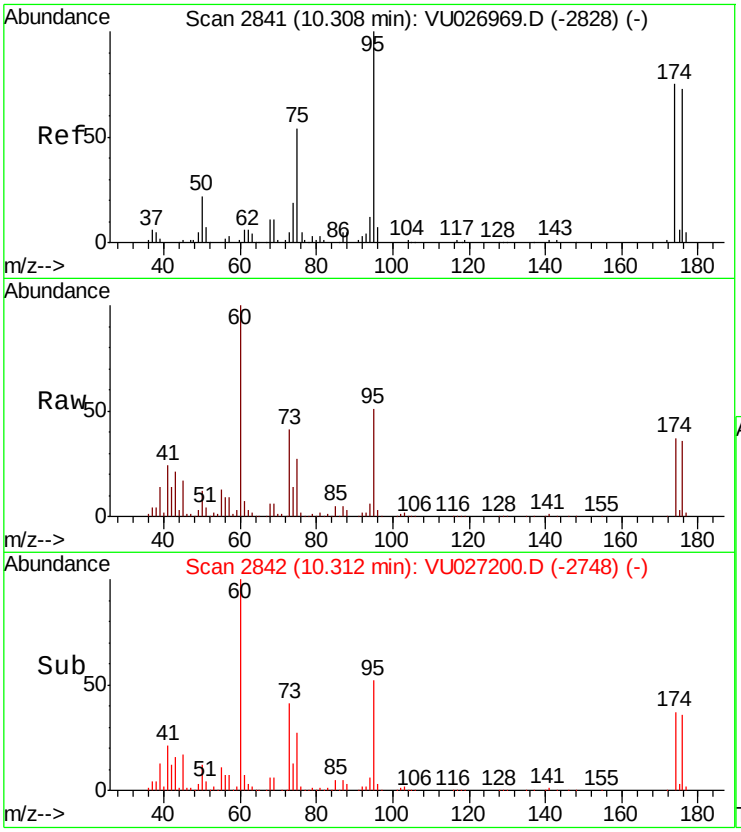


#52
Toluene
Concen: 5.849 ug/l
RT: 7.64 min Scan# 2011
Delta R.T. 0.00 min
Lab File: VU027200.D
Acq: 27 Sep 2018 00:47

Tgt Ion: 92 Resp: 22570

Ion	Ratio	Lower	Upper
92	100		
91	168.3	136.4	204.6



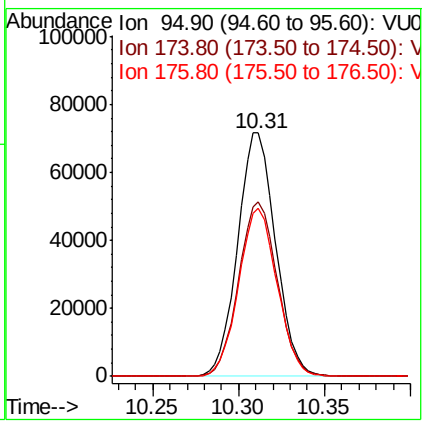


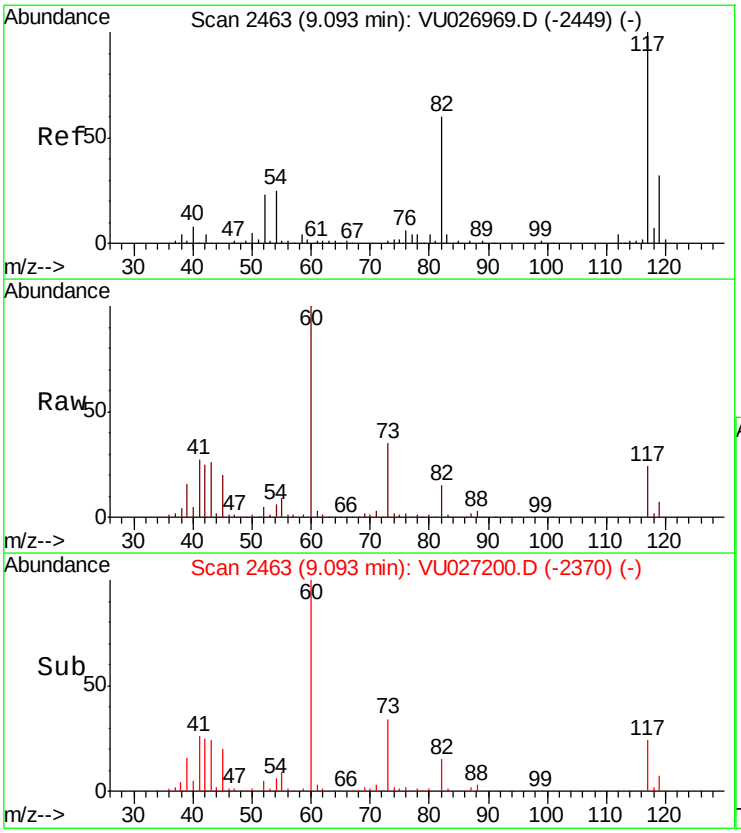
#62
4-Bromofluorobenzene
Concen: 58.463 ug/l
RT: 10.31 min Scan# 2842
Delta R.T. 0.00 min
Lab File: VU027200.D
Acq: 27 Sep 2018 00:47

Instrument :
MSVOA_U
ClientSampleId :
MW-57-SEP18

Tgt Ion: 95 Resp: 109959

Ion	Ratio	Lower	Upper
95	100		
174	72.7	0.0	150.2
176	69.6	0.0	145.2

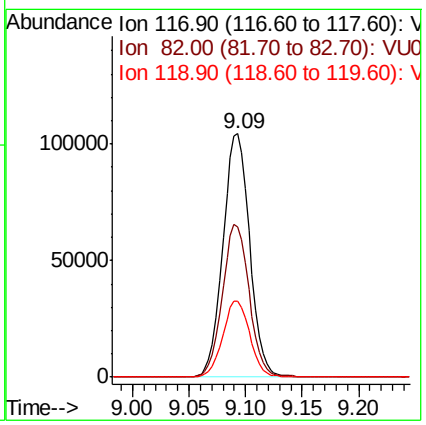


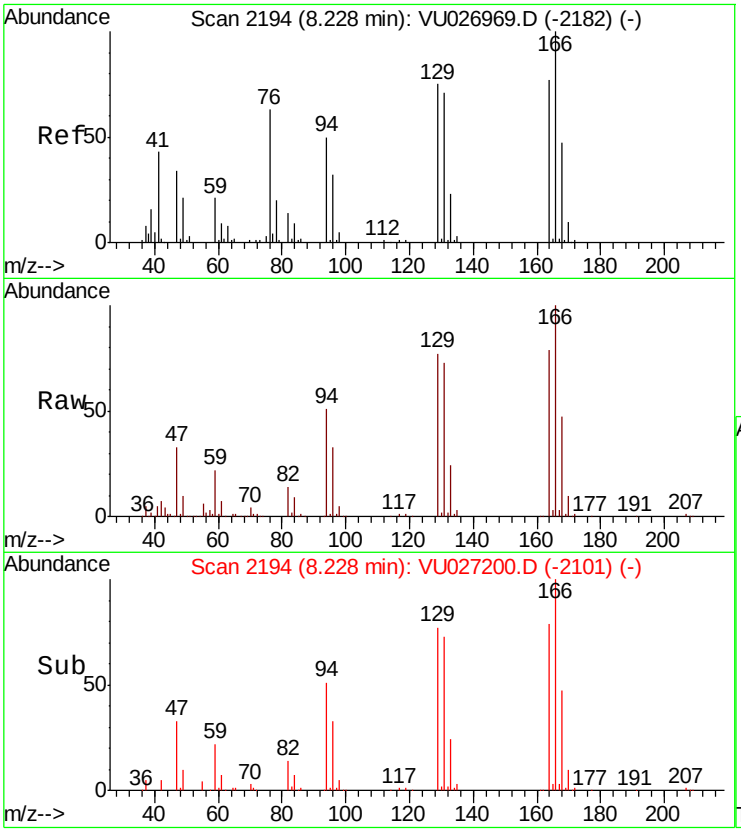


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU027200.D
Acq: 27 Sep 2018 00:47

Tgt Ion:117 Resp: 171800

Ion	Ratio	Lower	Upper
117	100		
82	61.7	48.0	72.0
119	31.3	25.8	38.8



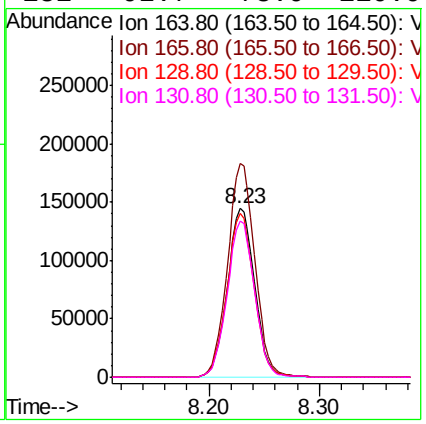


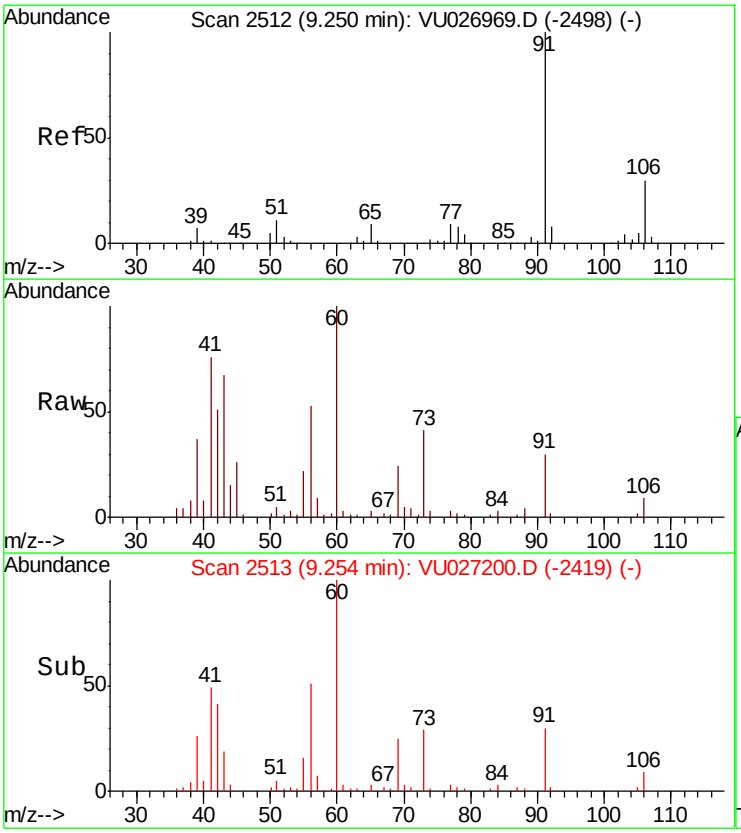
#64
Tetrachloroethene
Concen: 187.564 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU027200.D
Acq: 27 Sep 2018 00:47

Instrument :
MSVOA_U
ClientSampleId :
MW-57-SEP18

Tgt Ion:164 Resp: 248305

Ion	Ratio	Lower	Upper
164	100		
166	126.5	104.4	156.6
129	96.8	78.7	118.1
131	92.7	73.9	110.9

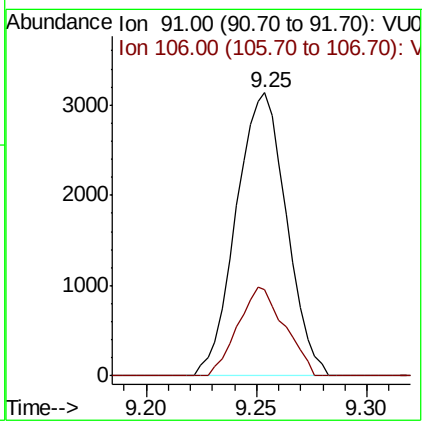


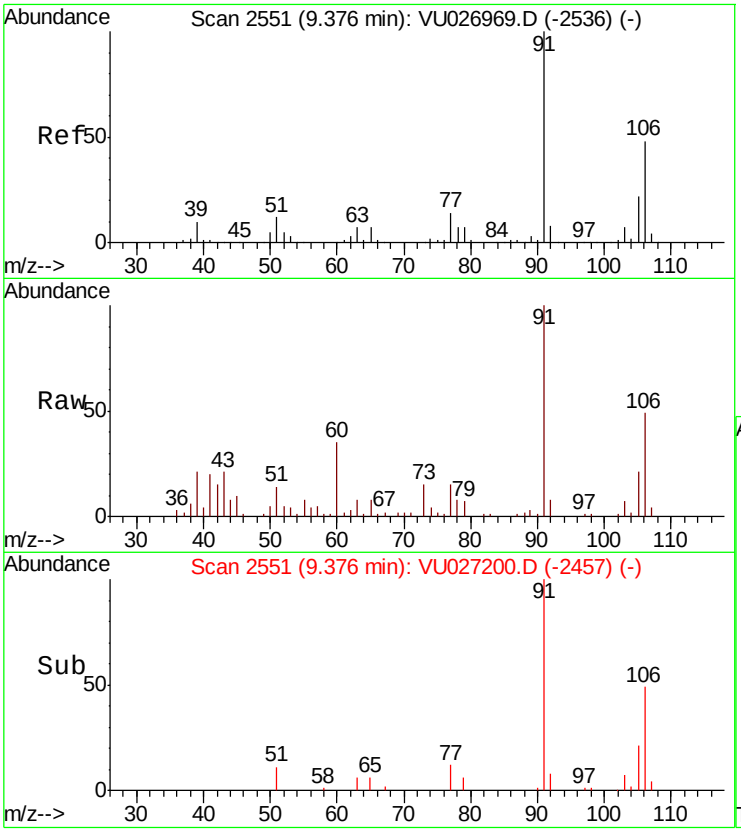


#67
Ethyl Benzene
Concen: 0.664 ug/l
RT: 9.25 min Scan# 2513
Delta R.T. 0.00 min
Lab File: VU027200.D
Acq: 27 Sep 2018 00:47

Tgt Ion: 91 Resp: 4972

Ion	Ratio	Lower	Upper
91	100		
106	30.3	23.8	35.8



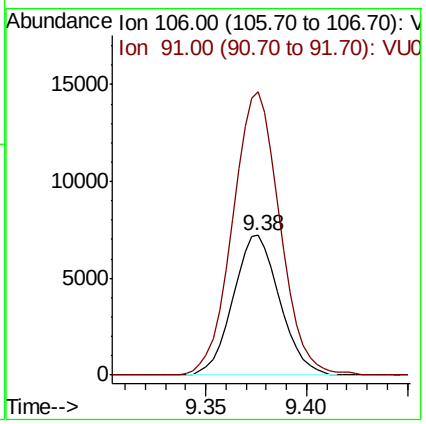


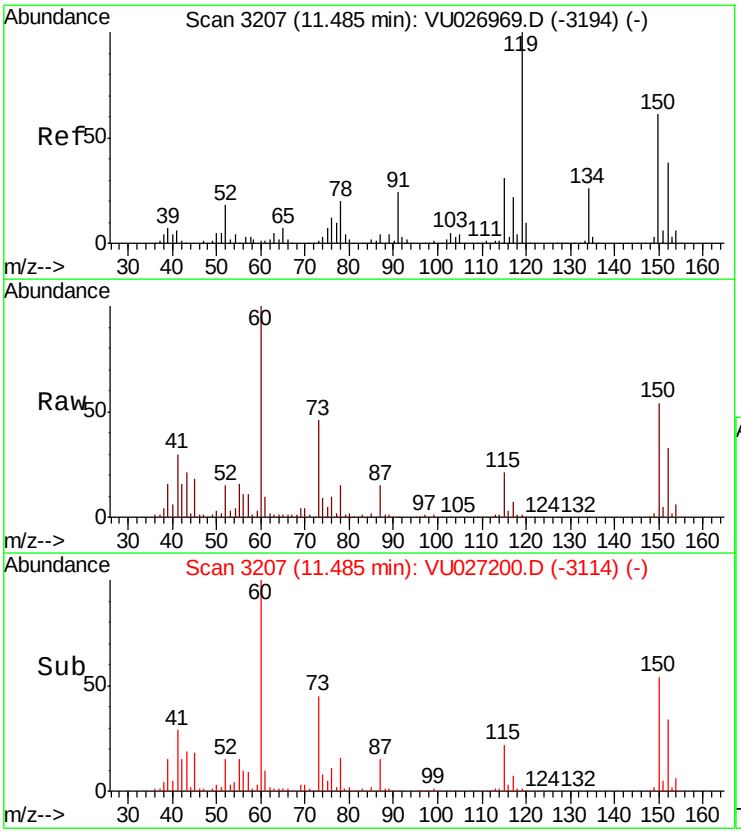
#68
m/p-Xylenes
Concen: 5.284 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU027200.D
Acq: 27 Sep 2018 00:47

Instrument :
MSVOA_U
ClientSampleId :
MW-57-SEP18

Tgt Ion:106 Resp: 11651

Ion	Ratio	Lower	Upper
106	100		
91	206.2	166.5	249.7

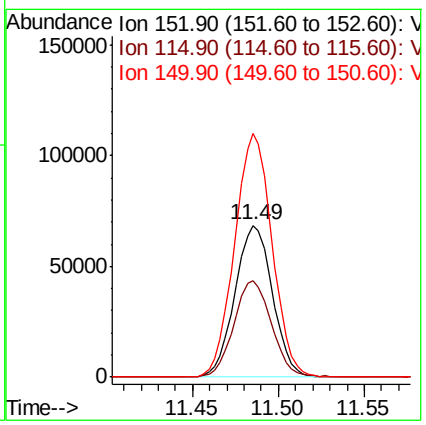


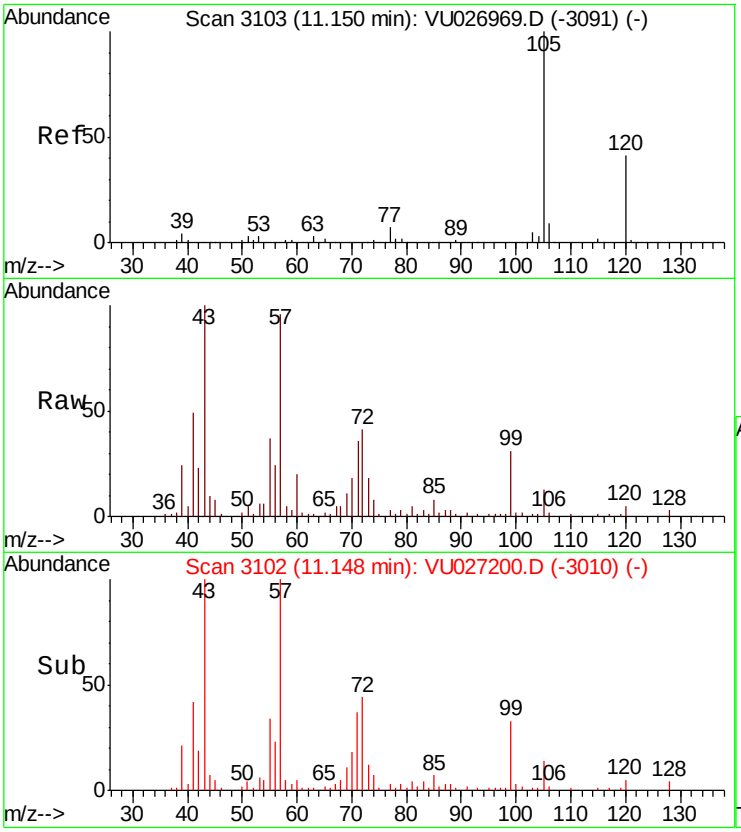


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU027200.D
Acq: 27 Sep 2018 00:47

Tgt Ion:152 Resp: 103590

Ion	Ratio	Lower	Upper
152	100		
115	64.3	44.9	134.5
150	160.2	0.0	355.8



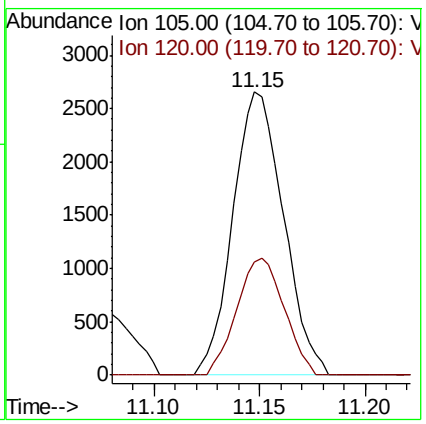


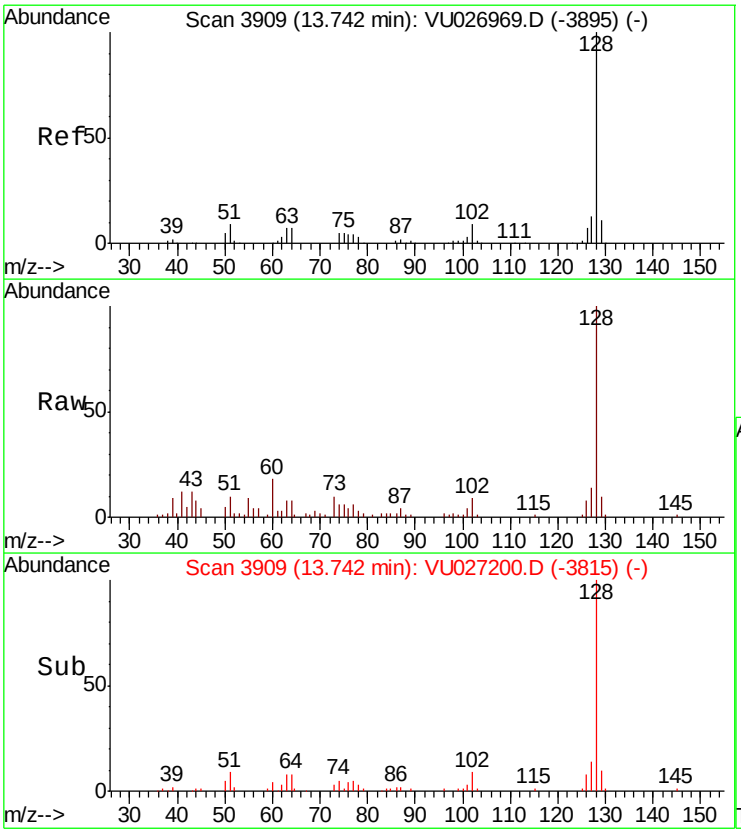
#84
1,2,4-Trimethylbenzene
Concen: 0.669 ug/l
RT: 11.15 min Scan# 3102
Delta R.T. -0.00 min
Lab File: VU027200.D
Acq: 27 Sep 2018 00:47

Instrument :
MSVOA_U
ClientSampleId :
MW-57-SEP18

Tgt Ion:105 Resp: 4428

Ion	Ratio	Lower	Upper
105	100		
120	38.6	22.4	67.2





#95
Naphthalene
Concen: 4.352 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU027200.D
Acq: 27 Sep 2018 00:47

Tgt Ion:128 Resp: 23633

Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.6	15.8
129	10.3	8.6	12.8