Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112918\
Data File : VU028387.D
Acq On : 29 Nov 2018 12:41
Operator : MD/SY
Sample : J6124-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BW-2072-112818

Quant Time: Nov 30 07:01:30 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U112818W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 29 01:04:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	243675	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	460594	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	426619	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	193411	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	213788	52.50	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.00%			
35) Dibromofluoromethane	4.88	113	155543	50.79	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.58%			
50) Toluene-d8	7.57	98	607393	49.59	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.18%			
62) 4-Bromofluorobenzene	10.31	95	218478	49.49	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.98%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.83	59	1953	2.111	ug/l #	92
16) Acetone	2.32	43	82868	33.264	ug/l	97
18) Methyl Acetate	2.75	43	4603	0.664	ug/l #	58
20) Methylene Chloride	2.70	84	4589	1.234	ug/l	97
25) 2-Butanone	4.27	43	3247	0.909	ug/l	93
29) Tetrahydrofuran	4.65	42	12807	5.525	ug/l	94
31) Cyclohexane	4.99	56	9967	1.093	ug/l #	24
36) 1,1-Dichloropropene	4.98	75	22836	4.531	ug/l #	50
38) Carbon Tetrachloride	4.98	117	24355	5.884	ug/l #	17
39) Methylcyclohexane	6.42	83	6138	1.033	ug/l	96
41) Methacrylonitrile	4.65	41	6914	1.813	ug/l #	46
52) Toluene	7.64	92	5765	0.671	ug/l	99
67) Ethyl Benzene	9.25	91	26851	1.609	ug/l	97
68) m/p-Xylenes	9.38	106	3571	0.595	ug/l	97
69) o-Xylene	9.78	106	5137	0.861	ug/l	88
73) Isopropylbenzene	10.16	105	3774	0.251	ug/l	97
76) 1,2,3-Trichloropropane	10.30	75	117097	21.832	ug/l #	33
78) n-propylbenzene	10.59	91	9102	0.490	ug/l	98
79) 2-Chlorotoluene	10.71	91	4334	0.396	ug/l #	44
80) 1,3,5-Trimethylbenzene	10.77	105	50054	3.949	ug/l	98
81) trans-1,4-Dichloro-2-buten	10.30	75	117097	57.954	ug/l #	100
82) 4-Chlorotoluene	10.77	91	5713	0.453	ug/l #	47
84) 1,2,4-Trimethylbenzene	10.97	105	45315	3.529	ug/l	77
85) sec-Butylbenzene	11.57	105	69849	4.551	ug/l #	59
89) n-Butylbenzene	11.87	91	8634	0.693	ug/l #	1
90) Hexachloroethane	12.25	117	3490	1.771	ug/l #	12
95) Naphthalene	13.75	128	1721	2.935	ug/l #	93

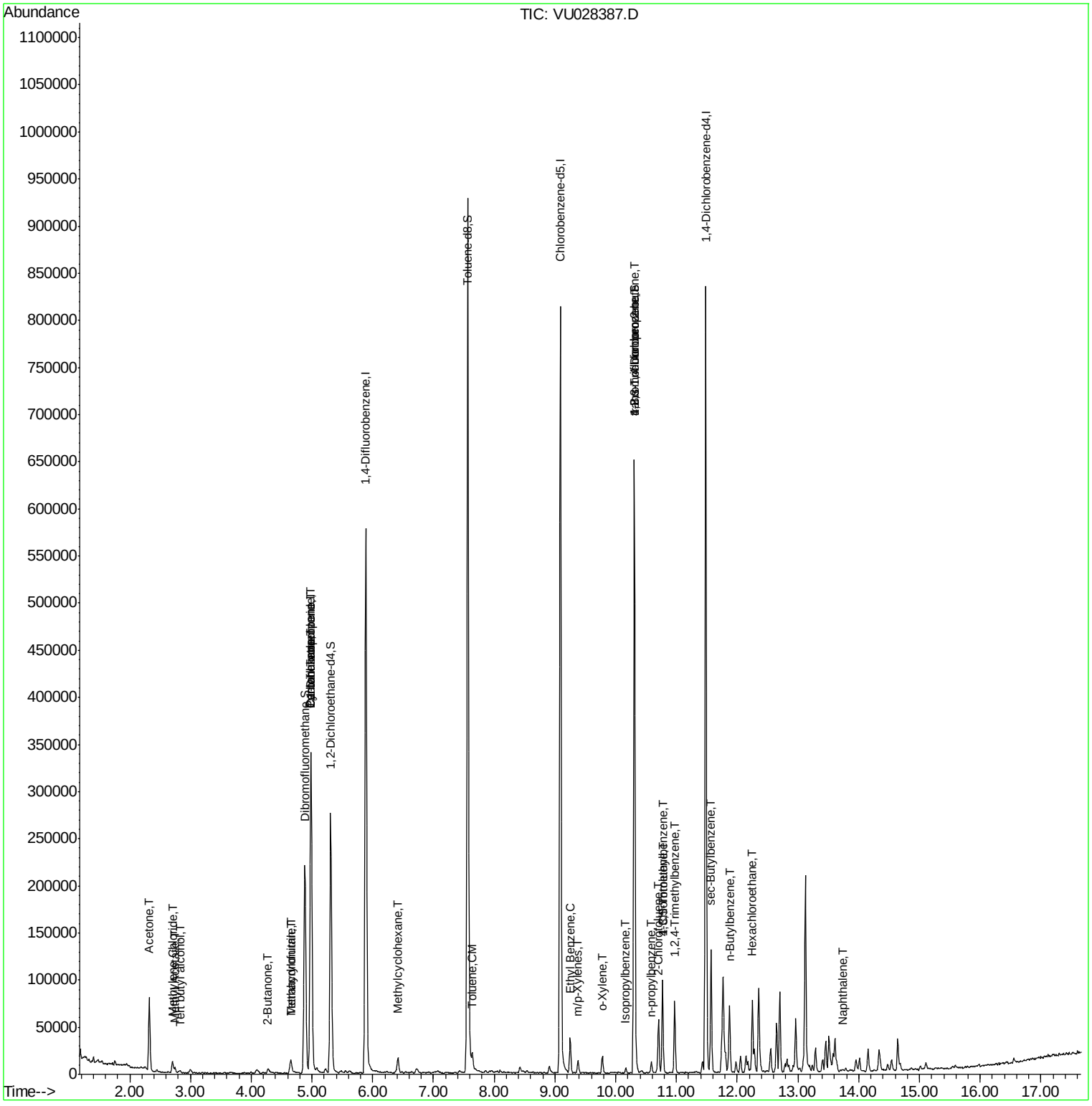
(#) = qualifier out of range (m) = manual integration (+) = signals summed

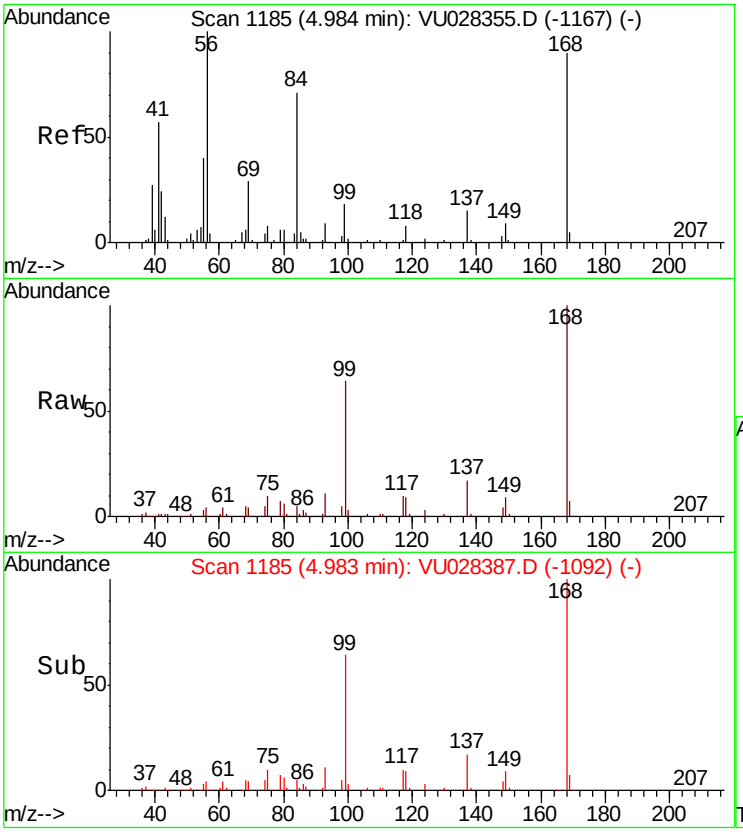
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112918\
Data File : VU028387.D
Acq On : 29 Nov 2018 12:41
Operator : MD/SY
Sample : J6124-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BW-2072-112818

Quant Time: Nov 30 07:01:30 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U112818W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 29 01:04:49 2018
Response via : Initial Calibration



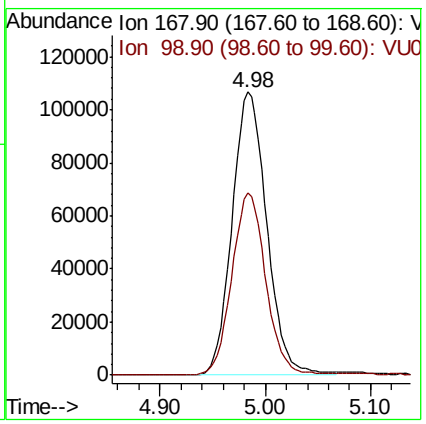


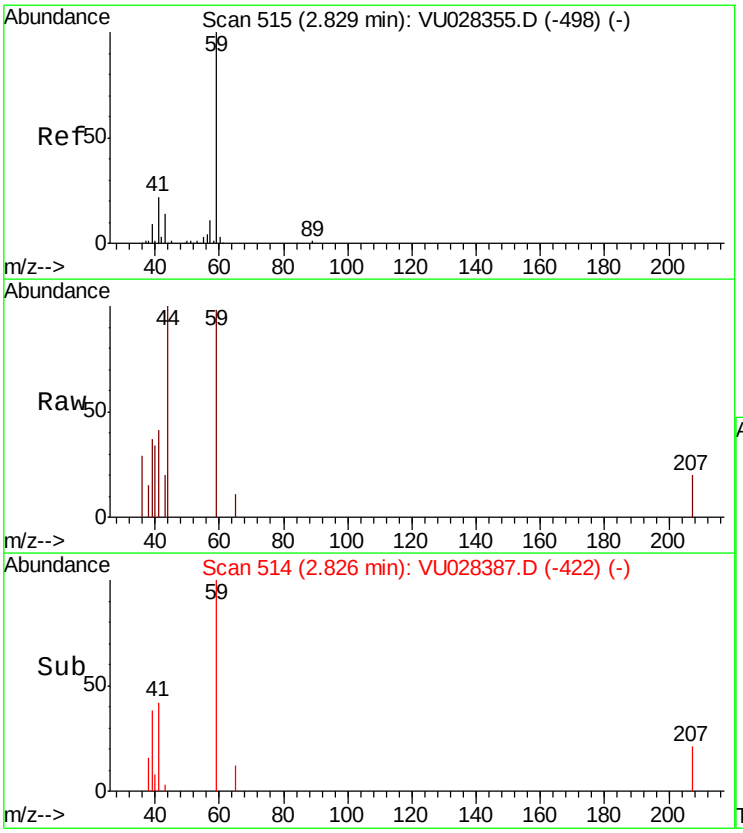
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.00 min
Lab File: VU028387.D
Acq: 29 Nov 2018 12:41

Instrument :
MSVOA_U
ClientSampleId :
BW-2072-112818

Tgt Ion:168 Resp: 243675

Ion	Ratio	Lower	Upper
168	100		
99	64.4	49.6	74.4

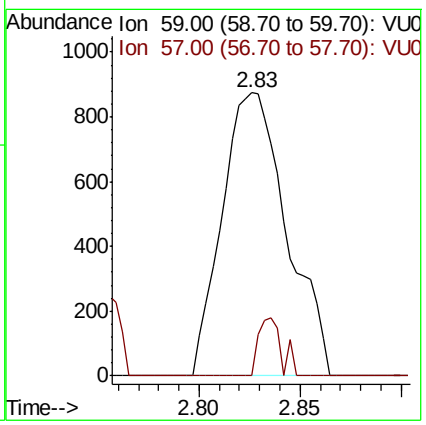


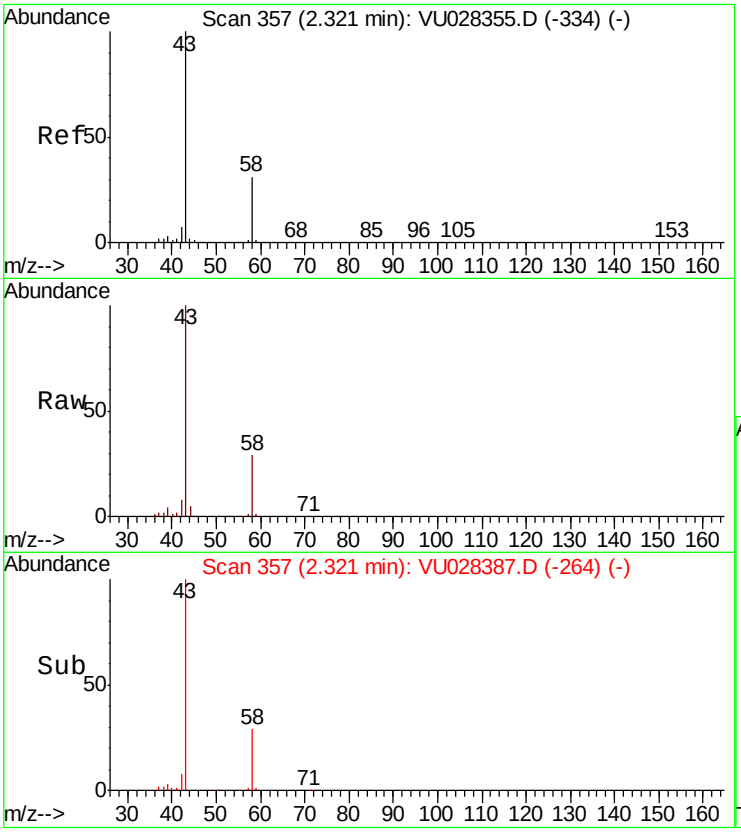


#11
Tert butyl alcohol
Concen: 2.111 ug/l
RT: 2.83 min Scan# 514
Delta R.T. -0.00 min
Lab File: VU028387.D
Acq: 29 Nov 2018 12:41

Tgt Ion: 59 Resp: 1953

Ion	Ratio	Lower	Upper
59	100		
57	7.3	8.3	12.5#



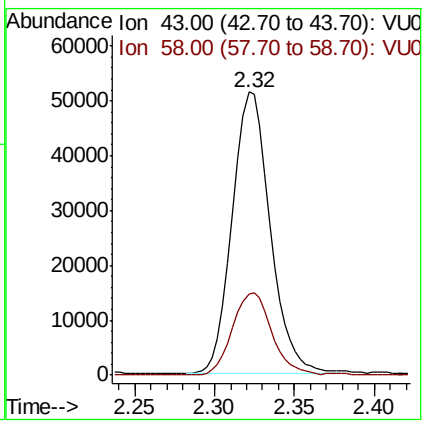


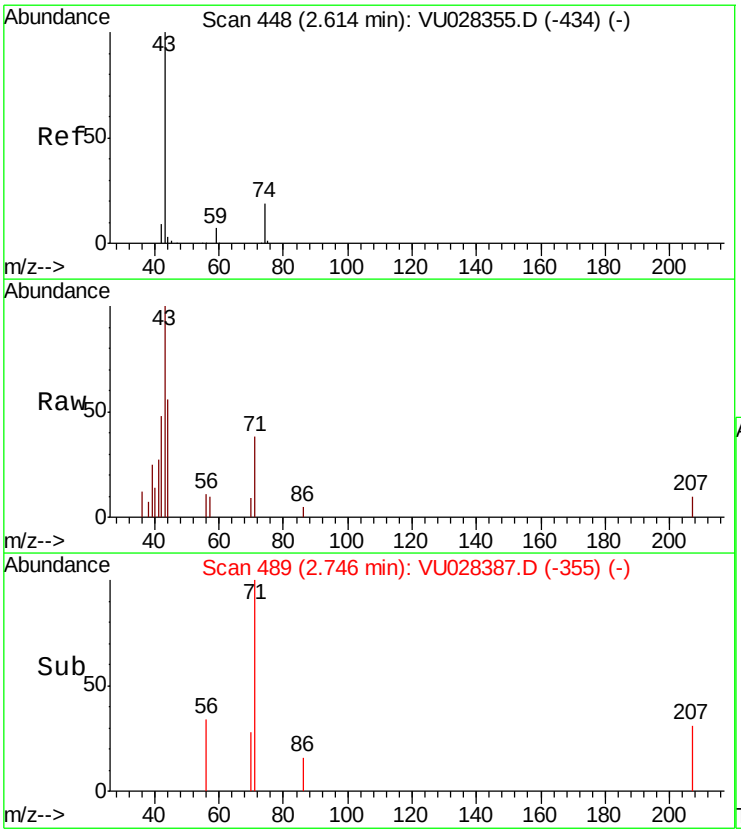
#16
Acetone
Concen: 33.264 ug/l
RT: 2.32 min Scan# 357
Delta R.T. -0.00 min
Lab File: VU028387.D
Acq: 29 Nov 2018 12:41

Instrument : MSVOA_U
ClientSampleId : BW-2072-112818

Tgt Ion: 43 Resp: 82868

Ion	Ratio	Lower	Upper
43	100		
58	28.8	24.4	36.6

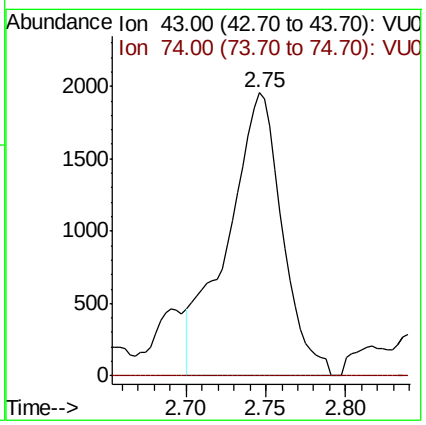


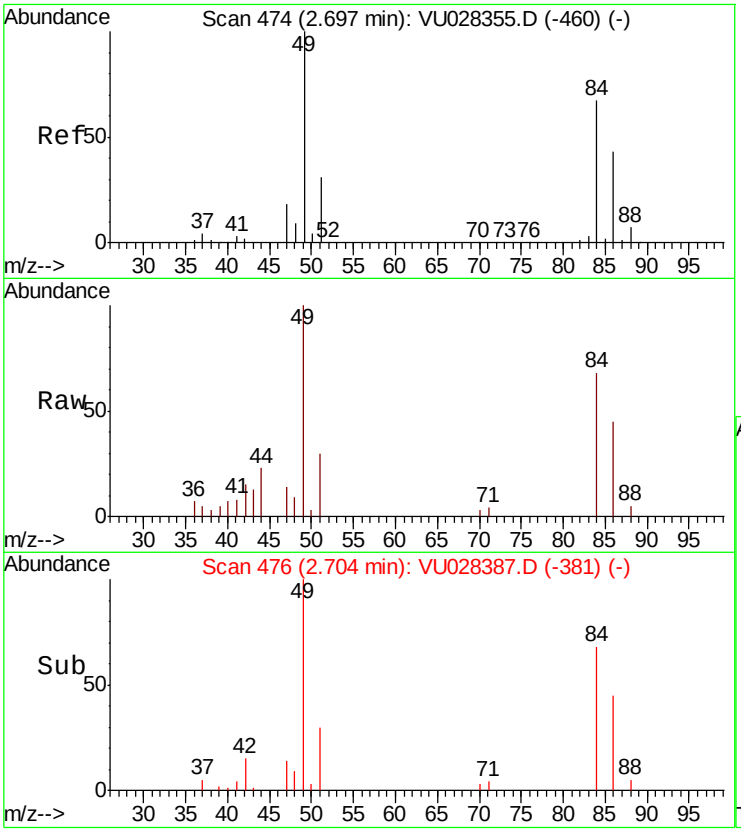


#18
Methyl Acetate
Concen: 0.664 ug/l
RT: 2.75 min Scan# 489
Delta R.T. 0.13 min
Lab File: VU028387.D
Acq: 29 Nov 2018 12:41

Tgt Ion: 43 Resp: 4603

Ion	Ratio	Lower	Upper
43	100		
74	0.0	15.3	22.9#



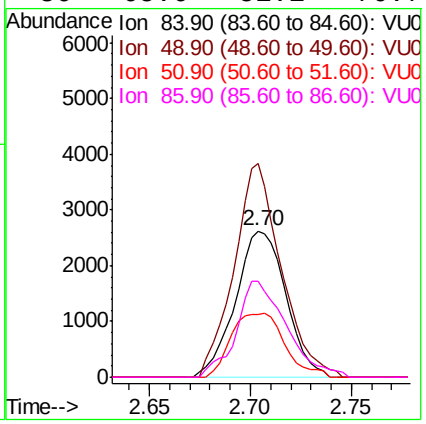


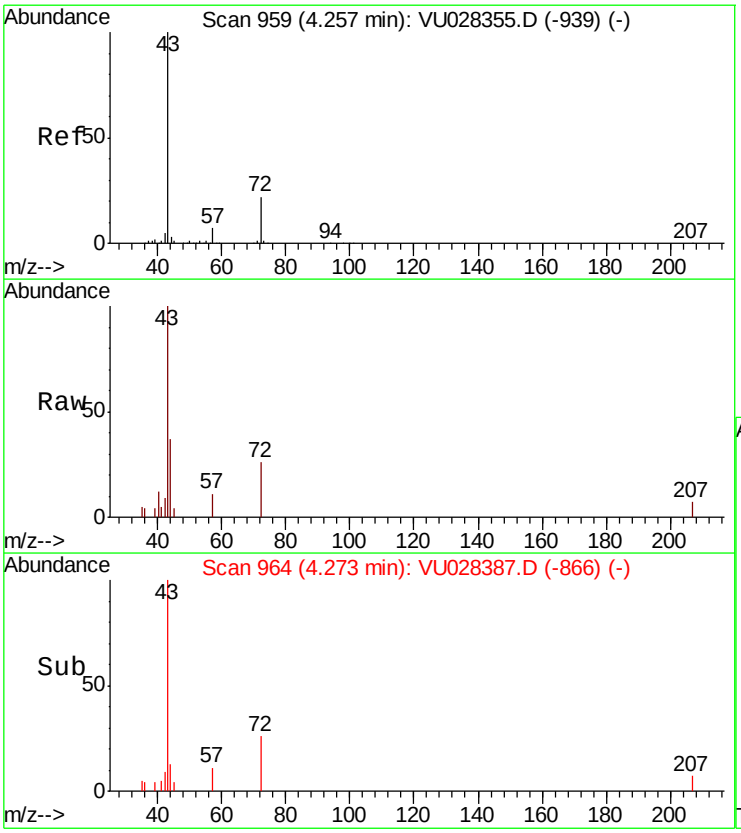
#20
Methylene Chloride
Concen: 1.234 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.01 min
Lab File: VU028387.D
Acq: 29 Nov 2018 12:41

Instrument : MSVOA_U
ClientSampleId : BW-2072-112818

Tgt Ion: 84 Resp: 4589

Ion	Ratio	Lower	Upper
84	100		
49	146.2	120.0	180.0
51	43.4	36.9	55.3
86	65.6	51.1	76.7

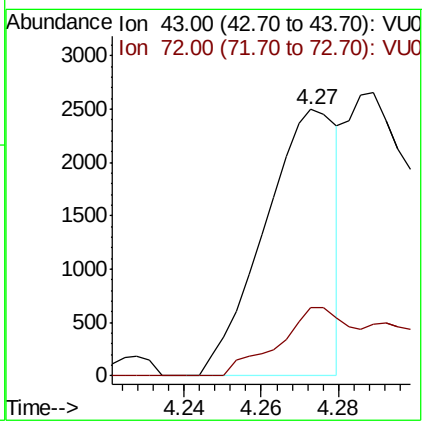


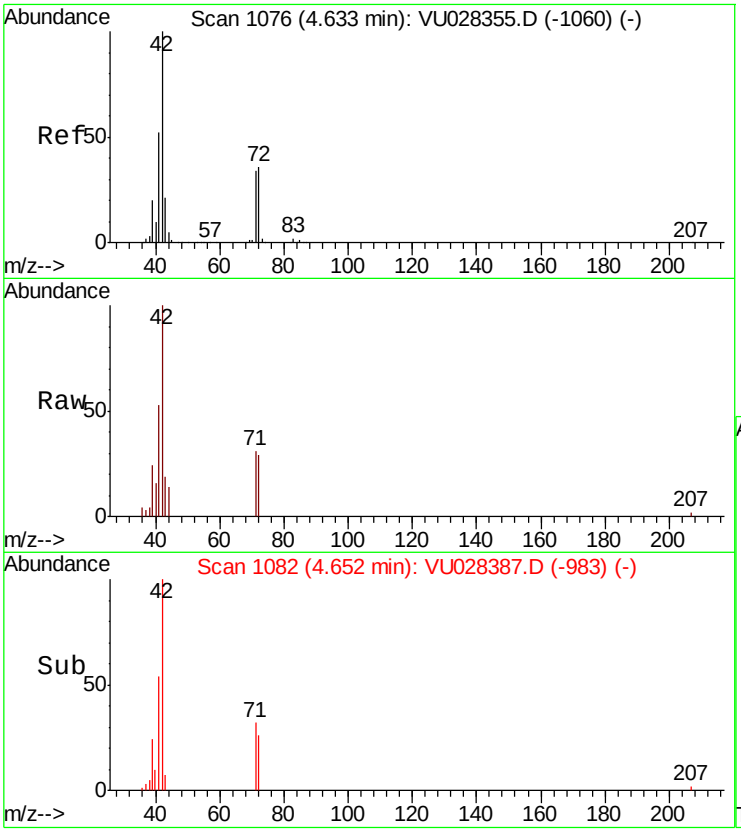


#25
2-Butanone
Concen: 0.909 ug/l
RT: 4.27 min Scan# 964
Delta R.T. 0.02 min
Lab File: VU028387.D
Acq: 29 Nov 2018 12:41

Tgt Ion: 43 Resp: 3247

Ion	Ratio	Lower	Upper
43	100		
72	25.7	17.7	26.5



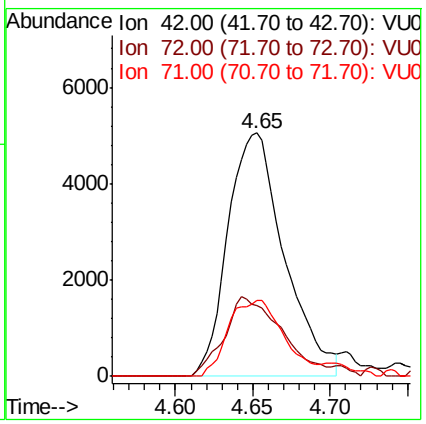


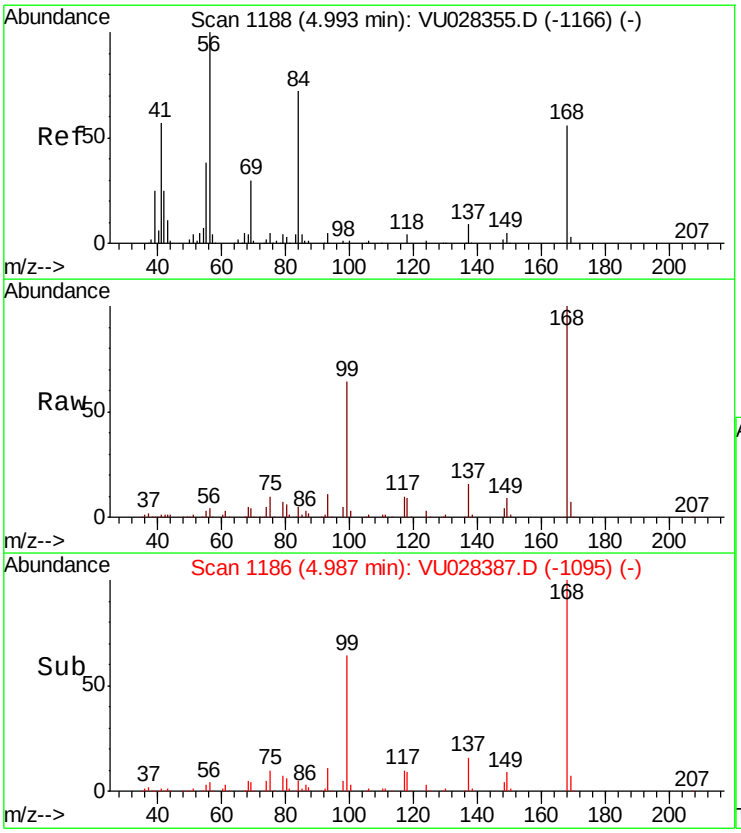
#29
Tetrahydrofuran
Concen: 5.525 ug/l
RT: 4.65 min Scan# 1082
Delta R.T. 0.02 min
Lab File: VU028387.D
Acq: 29 Nov 2018 12:41

Instrument : MSVOA_U
ClientSampleId : BW-2072-112818

Tgt Ion: 42 Resp: 12807

Ion	Ratio	Lower	Upper
42	100		
72	33.5	29.5	44.3
71	30.4	27.7	41.5

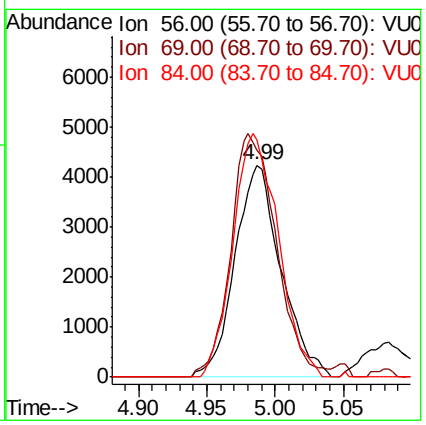


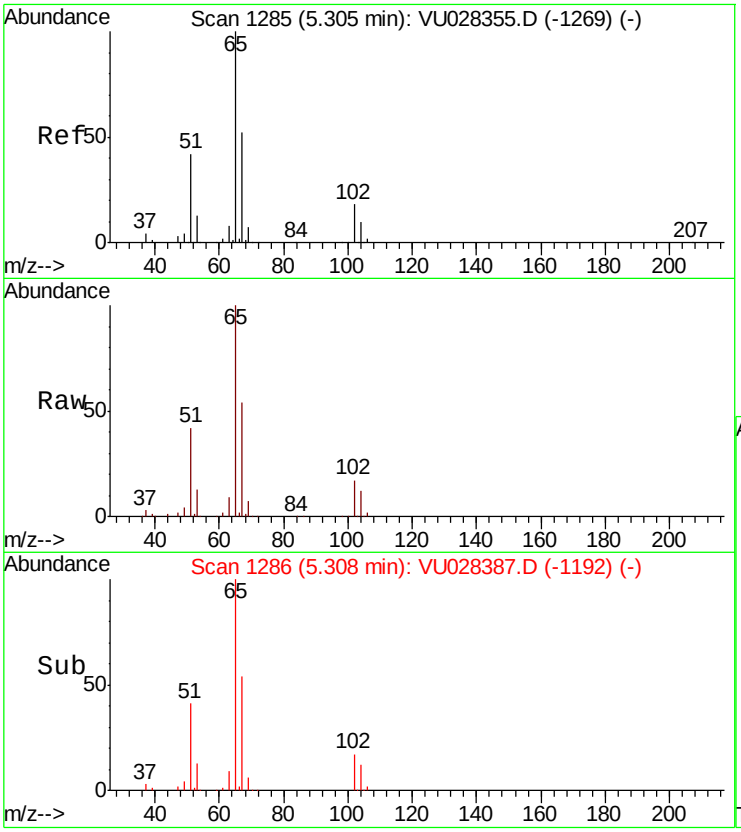


#31
Cyclohexane
Concen: 1.093 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.01 min
Lab File: VU028387.D
Acq: 29 Nov 2018 12:41

Tgt Ion: 56 Resp: 9967

Ion	Ratio	Lower	Upper
56	100		
69	106.8	23.7	35.5#
84	111.9	57.3	85.9#



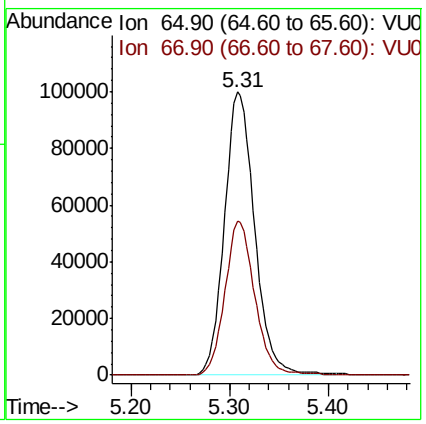


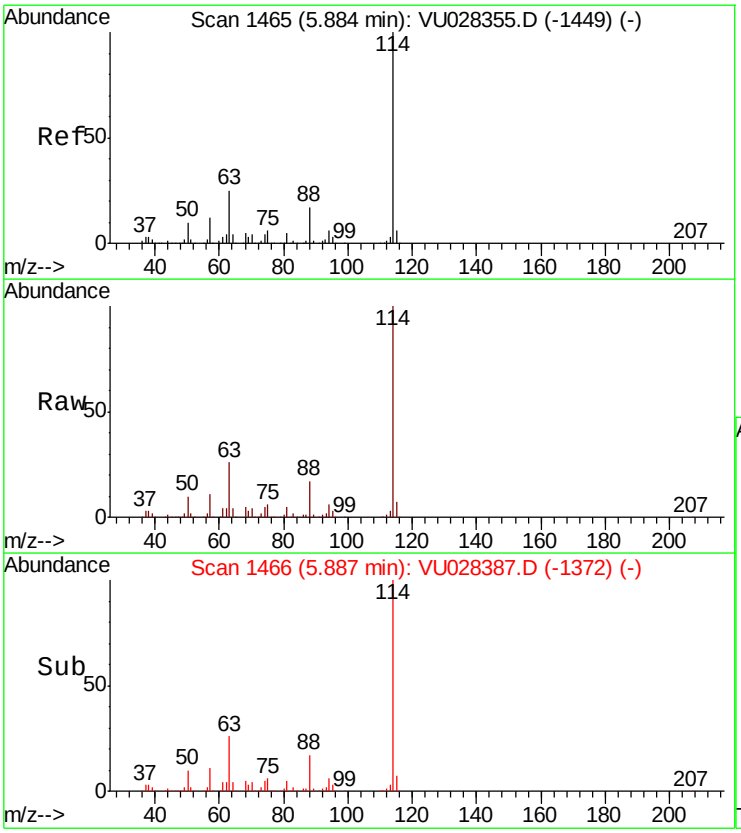
#33
1,2-Dichloroethane-d4
Concen: 52.497 ug/l
RT: 5.31 min Scan# 1286
Delta R.T. 0.00 min
Lab File: VU028387.D
Acq: 29 Nov 2018 12:41

Instrument : MSVOA_U
ClientSampleId : BW-2072-112818

Tgt Ion: 65 Resp: 213788

Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	106.8

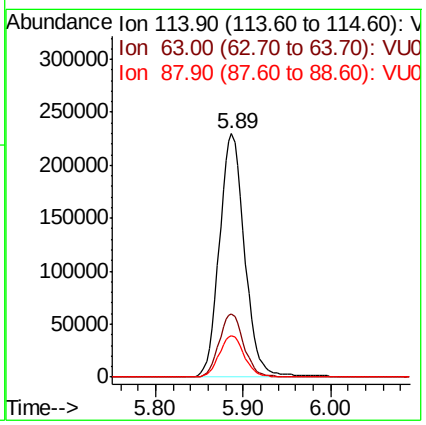


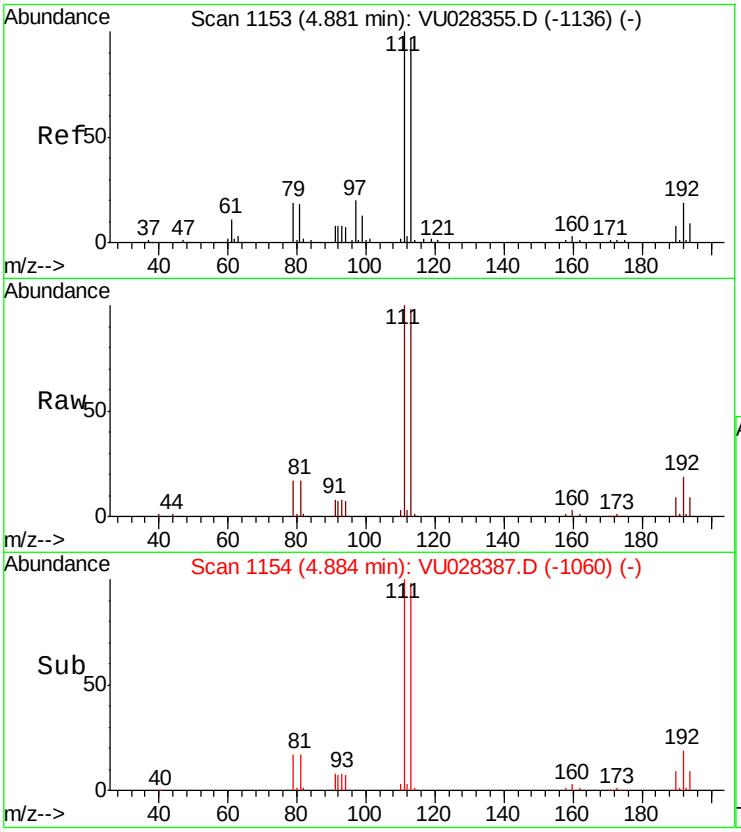


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.89 min Scan# 1466
Delta R.T. 0.00 min
Lab File: VU028387.D
Acq: 29 Nov 2018 12:41

Tgt Ion:114 Resp: 460594

Ion	Ratio	Lower	Upper
114	100		
63	25.9	0.0	50.0
88	17.1	0.0	34.4



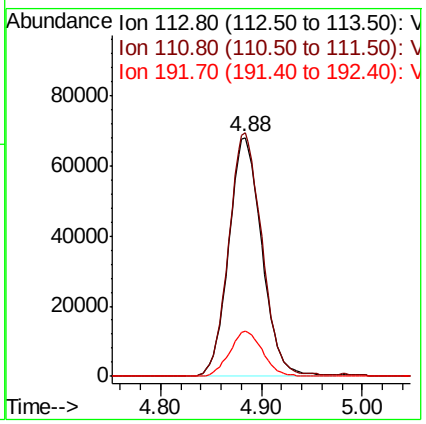


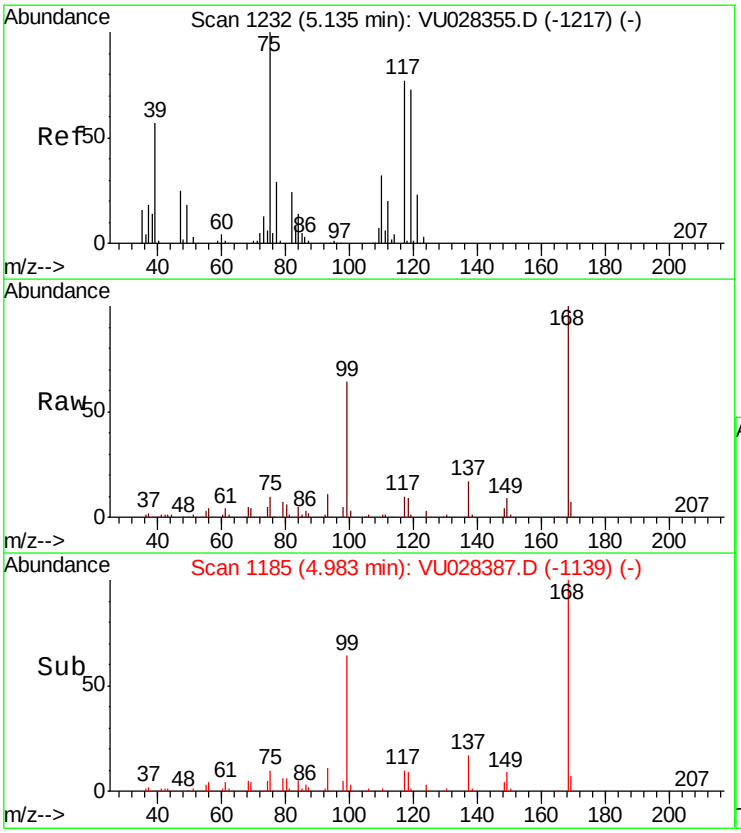
#35
Dibromofluoromethane
Concen: 50.785 ug/l
RT: 4.88 min Scan# 1154
Delta R.T. 0.00 min
Lab File: VU028387.D
Acq: 29 Nov 2018 12:41

Instrument :
MSVOA_U
ClientSampleId :
BW-2072-112818

Tgt Ion:113 Resp: 155543

Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.9	124.3
192	18.8	15.4	23.0

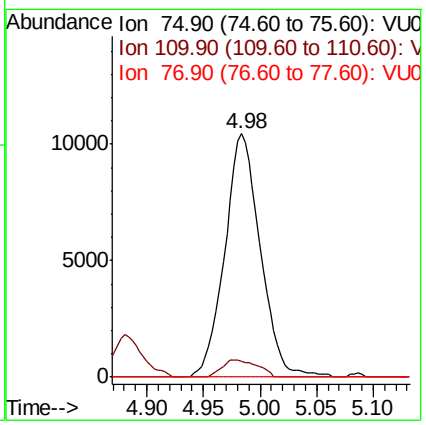


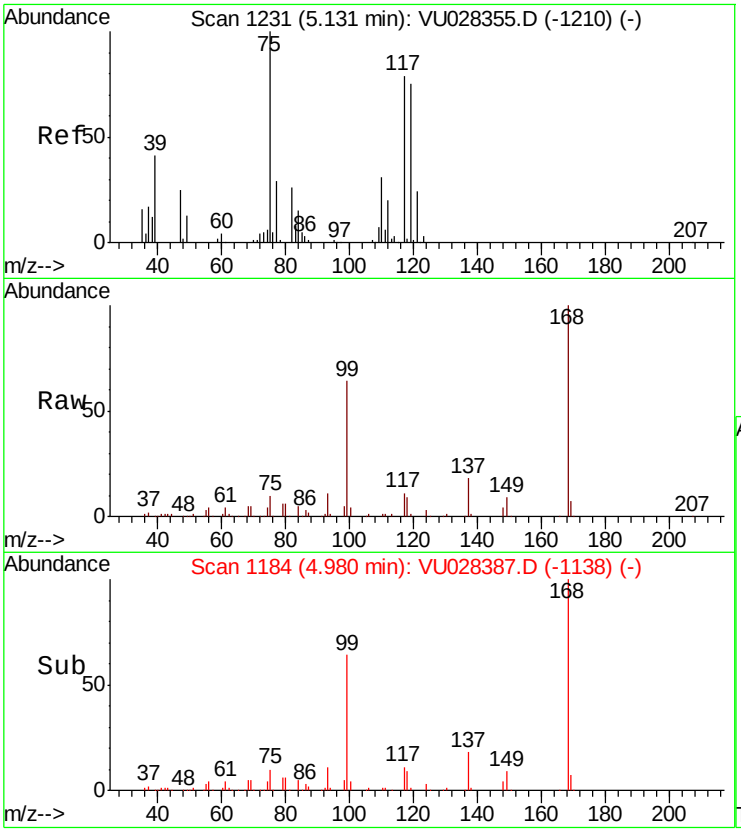


#36
1,1-Dichloropropene
Concen: 4.531 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.15 min
Lab File: VU028387.D
Acq: 29 Nov 2018 12:41

Tgt Ion: 75 Resp: 22836

Ion	Ratio	Lower	Upper
75	100		
110	7.0	15.8	47.4#
77	0.0	24.6	36.8#



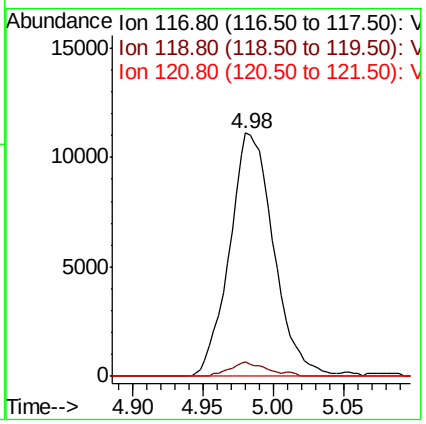


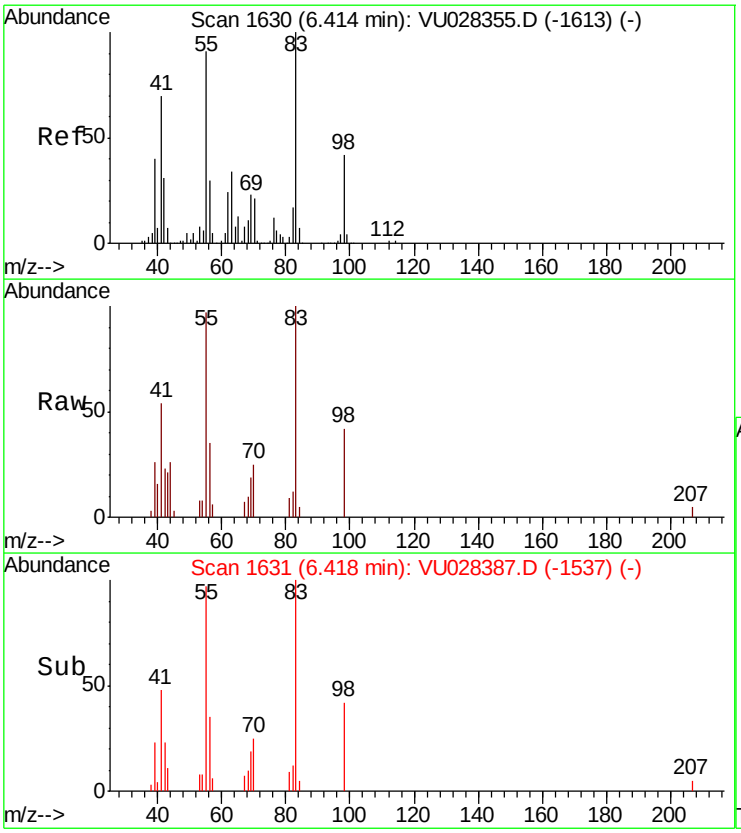
#38
Carbon Tetrachloride
Concen: 5.884 ug/l
RT: 4.98 min Scan# 1184
Delta R.T. -0.15 min
Lab File: VU028387.D
Acq: 29 Nov 2018 12:41

Instrument :
MSVOA_U
ClientSampleId :
BW-2072-112818

Tgt Ion:117 Resp: 24355

Ion	Ratio	Lower	Upper
117	100		
119	5.8	76.3	114.5#
121	0.0	24.7	37.1#

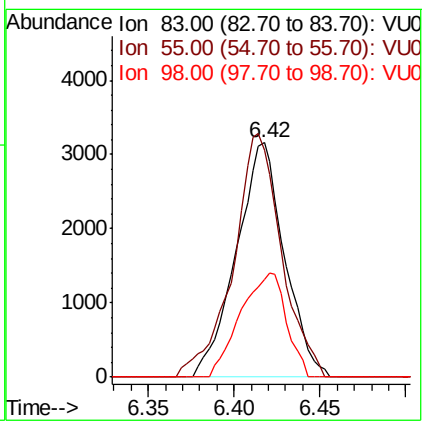


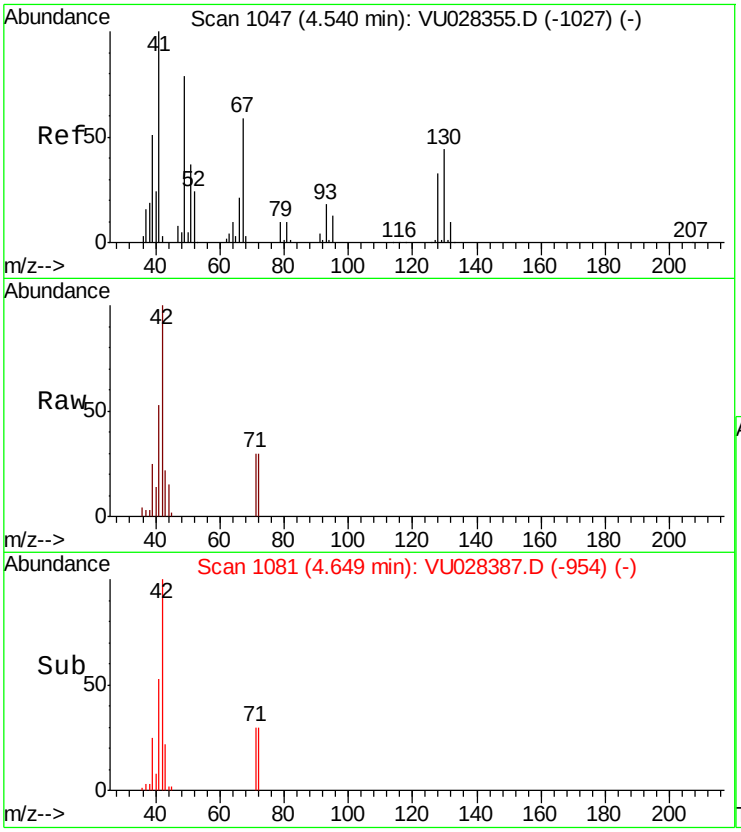


#39
Methylcyclohexane
Concen: 1.033 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU028387.D
Acq: 29 Nov 2018 12:41

Tgt Ion: 83 Resp: 6138

Ion	Ratio	Lower	Upper
83	100		
55	97.0	73.1	109.7
98	41.6	33.9	50.9



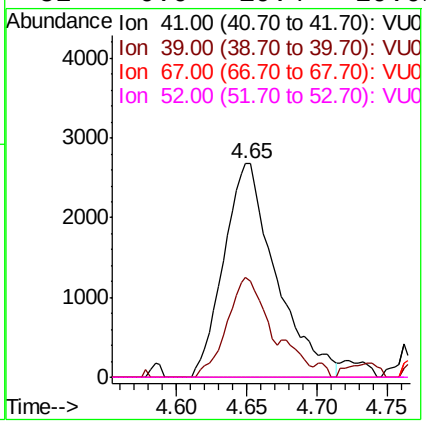


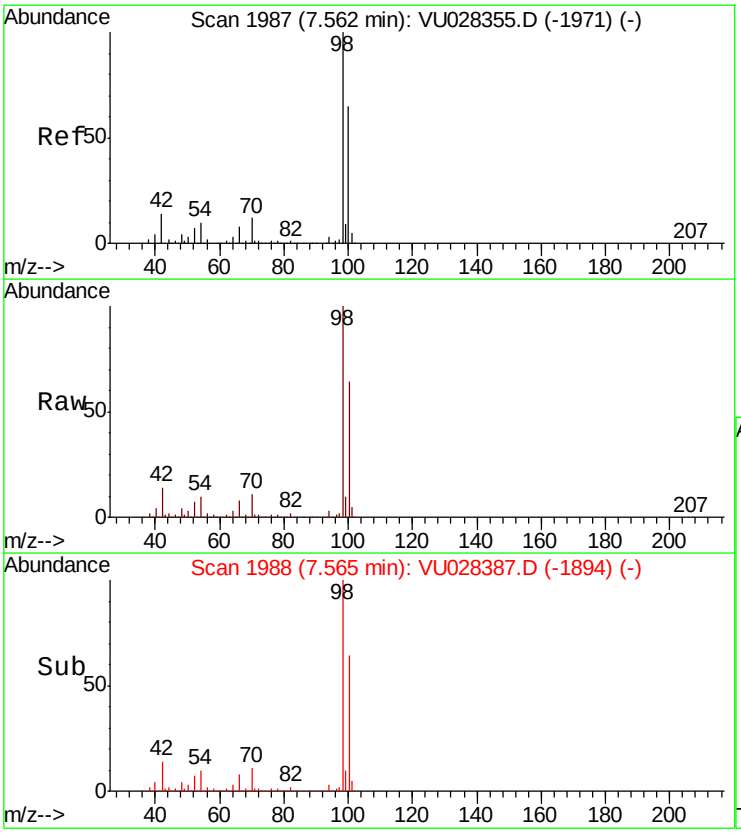
#41
Methacrylonitrile
Concen: 1.813 ug/l
RT: 4.65 min Scan# 1081
Delta R.T. 0.11 min
Lab File: VU028387.D
Acq: 29 Nov 2018 12:41

Instrument : MSVOA_U
ClientSampleId : BW-2072-112818

Tgt Ion: 41 Resp: 6914

Ion	Ratio	Lower	Upper
41	100		
39	34.3	41.3	61.9#
67	0.0	48.6	73.0#
52	0.0	19.4	29.0#

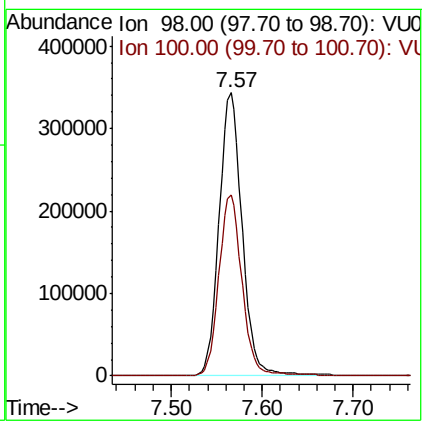


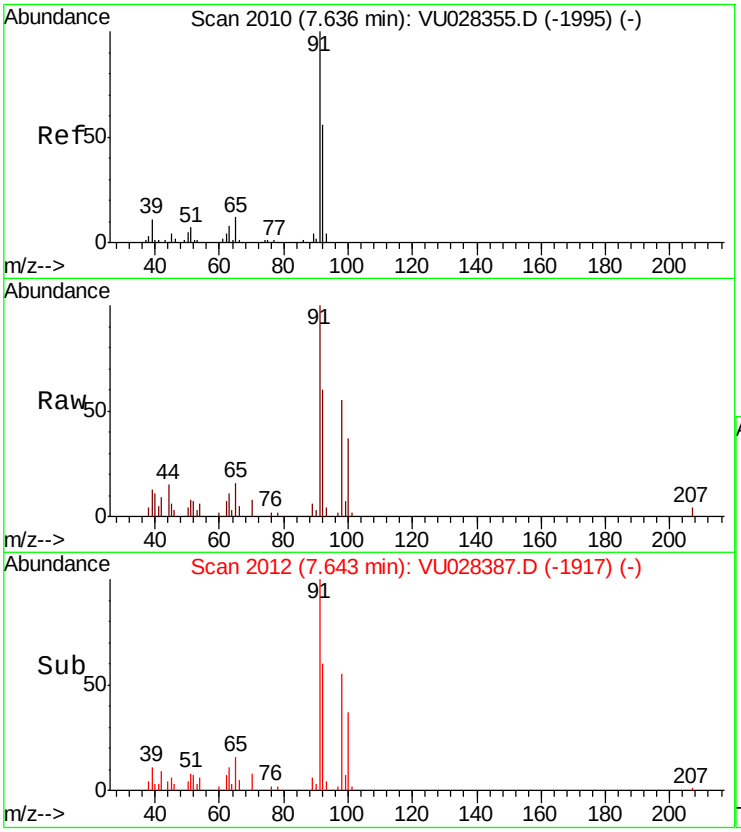


#50
Toluene-d8
Concen: 49.588 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VU028387.D
Acq: 29 Nov 2018 12:41

Tgt Ion: 98 Resp: 607393

Ion	Ratio	Lower	Upper
98	100		
100	64.1	50.8	76.2



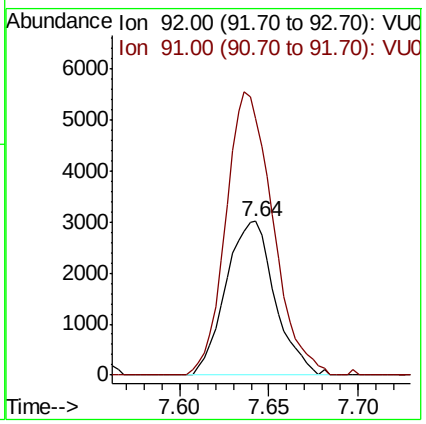


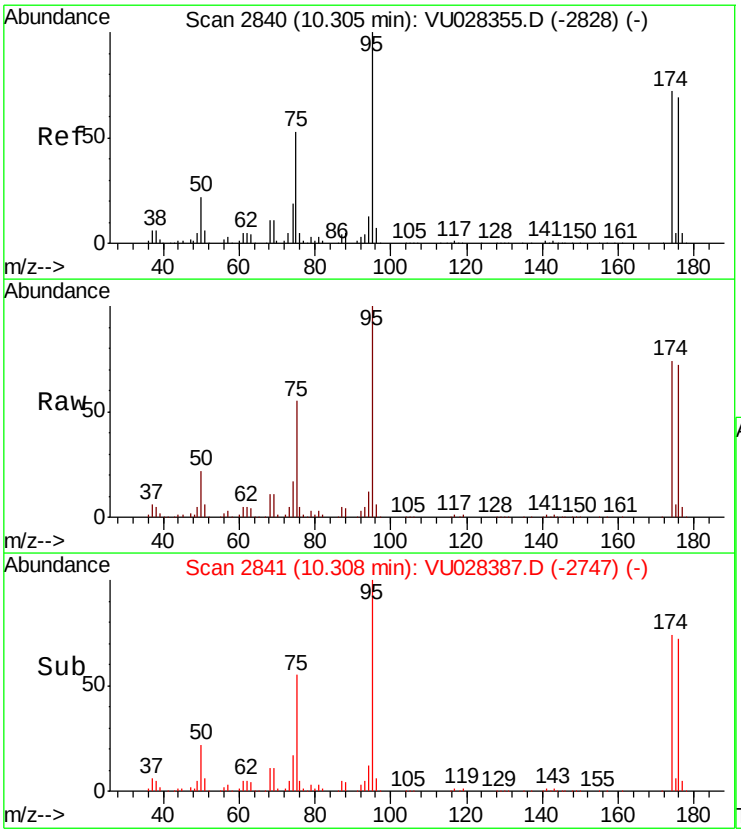
#52
Toluene
Concen: 0.671 ug/l
RT: 7.64 min Scan# 2012
Delta R.T. 0.01 min
Lab File: VU028387.D
Acq: 29 Nov 2018 12:41

Instrument :
MSVOA_U
ClientSampleId :
BW-2072-112818

Tgt Ion: 92 Resp: 5765

Ion	Ratio	Lower	Upper
92	100		
91	176.4	141.8	212.6

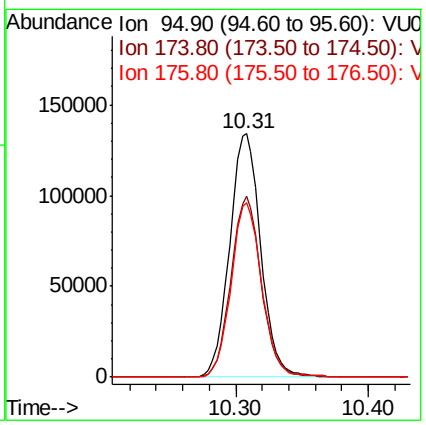


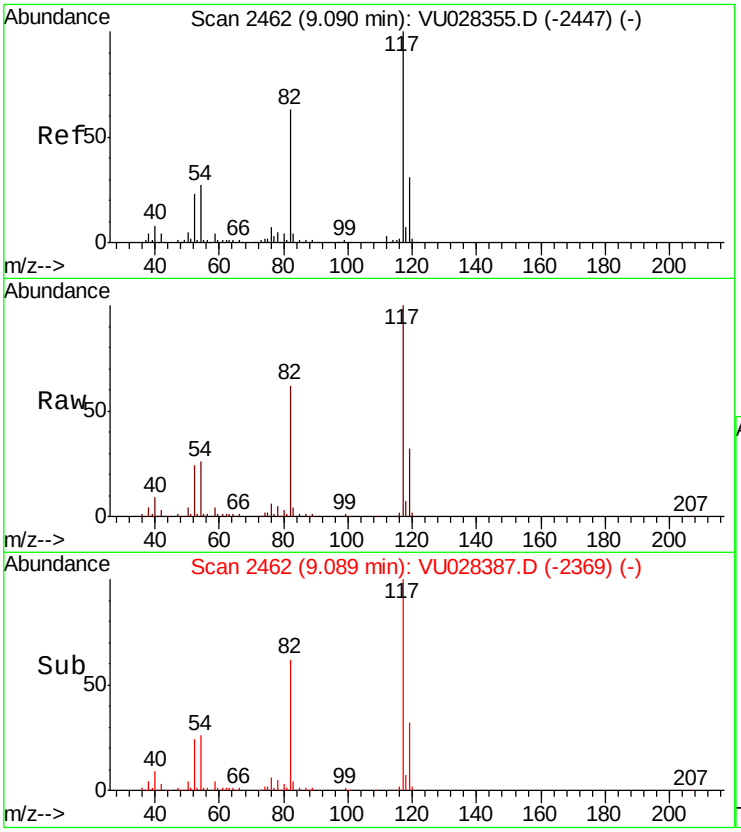


#62
4-Bromofluorobenzene
Concen: 49.487 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU028387.D
Acq: 29 Nov 2018 12:41

Tgt Ion: 95 Resp: 218478

Ion	Ratio	Lower	Upper
95	100		
174	72.4	0.0	145.4
176	70.6	0.0	140.8



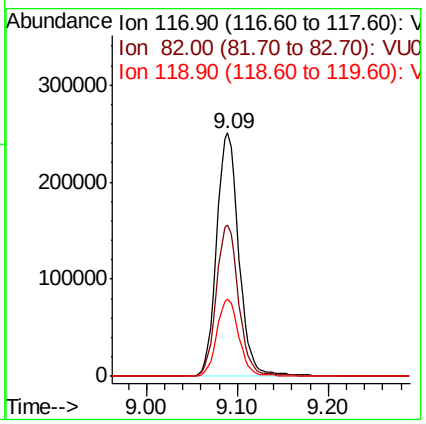


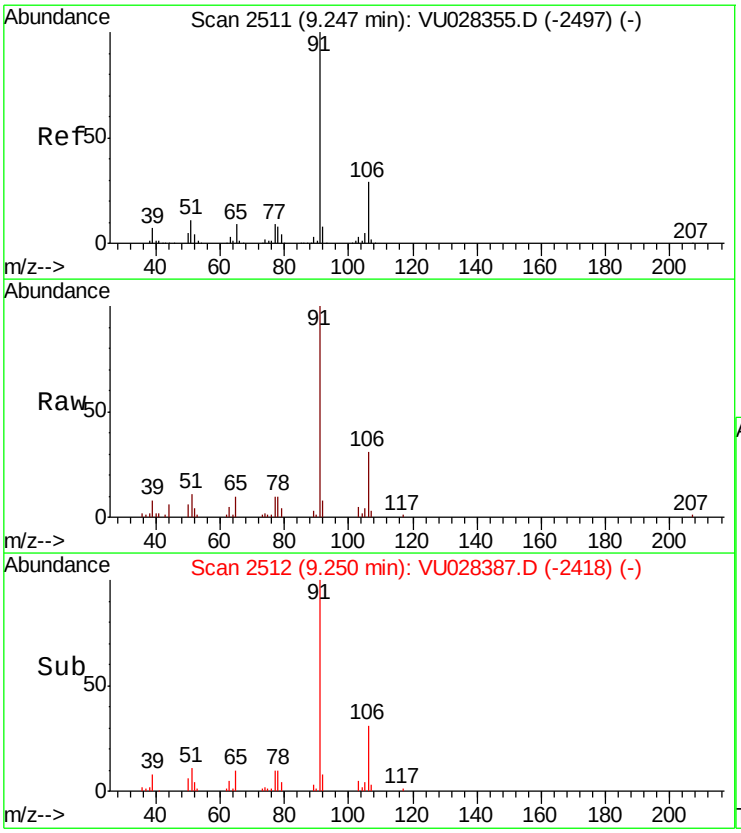
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028387.D
Acq: 29 Nov 2018 12:41

Instrument : MSVOA_U
ClientSampleId : BW-2072-112818

Tgt Ion:117 Resp: 426619

Ion	Ratio	Lower	Upper
117	100		
82	62.1	50.3	75.5
119	31.8	24.8	37.2

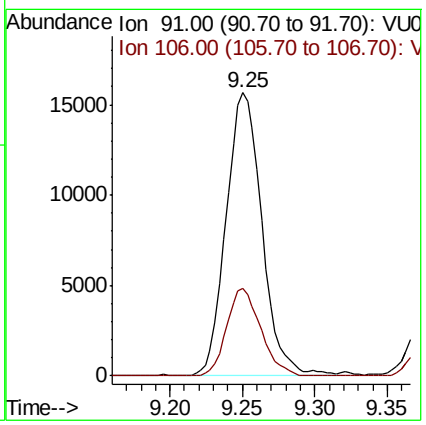


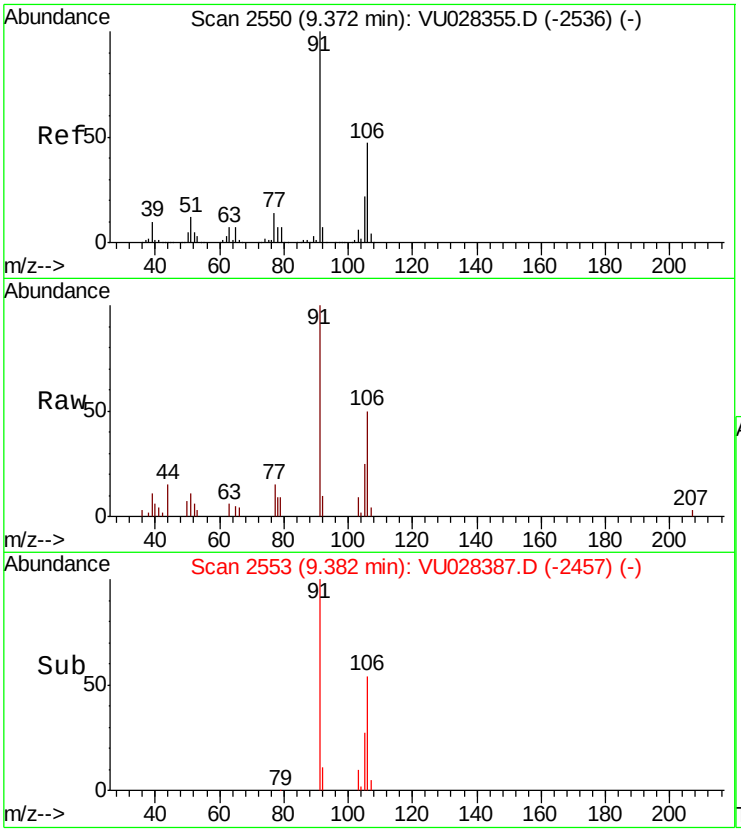


#67
Ethyl Benzene
Concen: 1.609 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU028387.D
Acq: 29 Nov 2018 12:41

Tgt Ion: 91 Resp: 26851

Ion	Ratio	Lower	Upper
91	100		
106	30.9	23.3	34.9



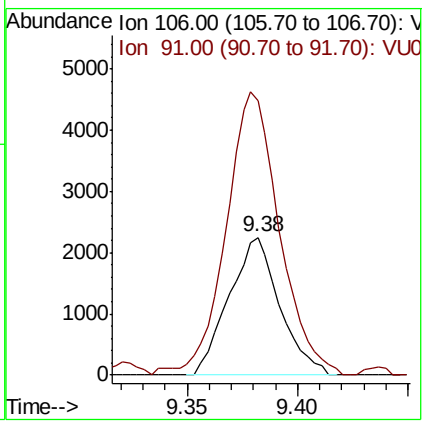


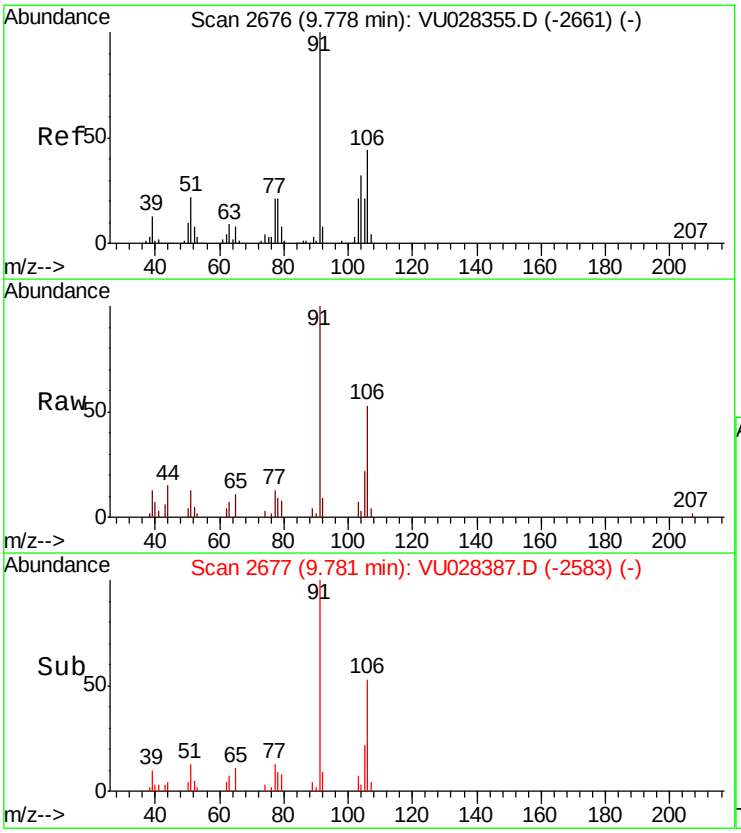
#68
m/p-Xylenes
Concen: 0.595 ug/l
RT: 9.38 min Scan# 2553
Delta R.T. 0.01 min
Lab File: VU028387.D
Acq: 29 Nov 2018 12:41

Instrument :
MSVOA_U
ClientSampleId :
BW-2072-112818

Tgt Ion:106 Resp: 3571

Ion	Ratio	Lower	Upper
106	100		
91	217.8	171.0	256.6

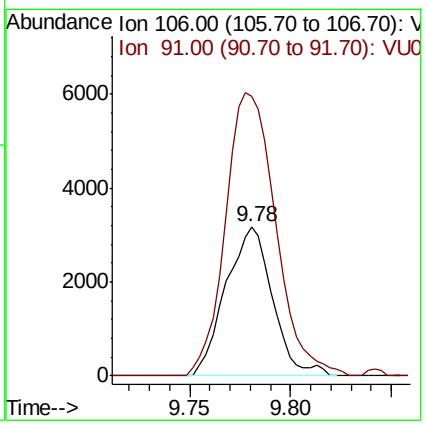


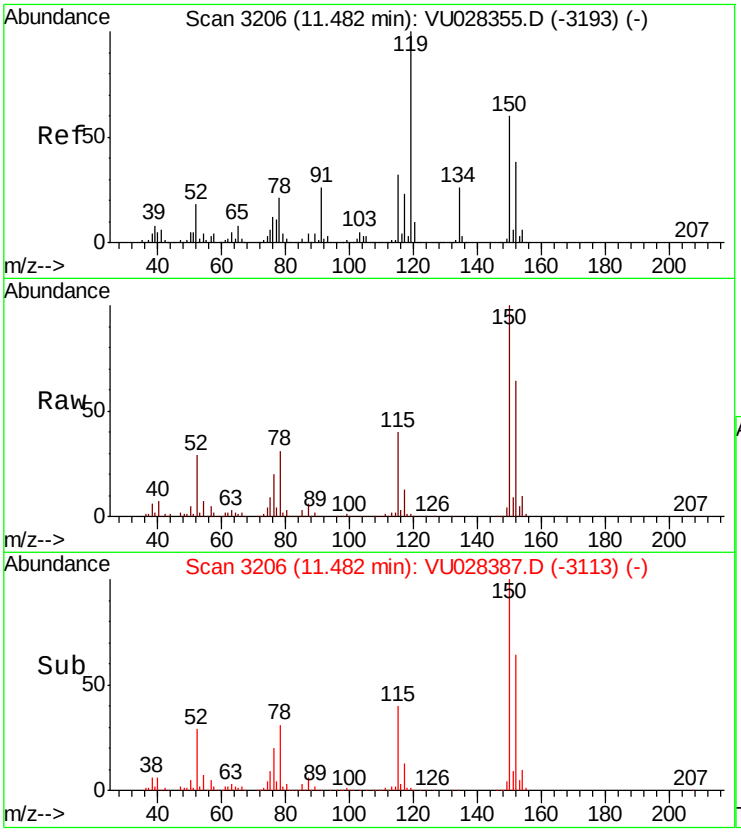


#69
o-Xylene
Concen: 0.861 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU028387.D
Acq: 29 Nov 2018 12:41

Tgt Ion:106 Resp: 5137

Ion	Ratio	Lower	Upper
106	100		
91	205.0	112.7	338.0



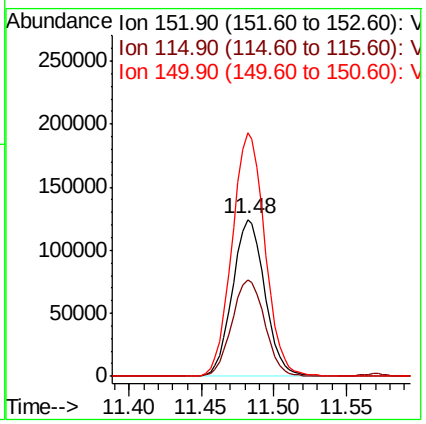


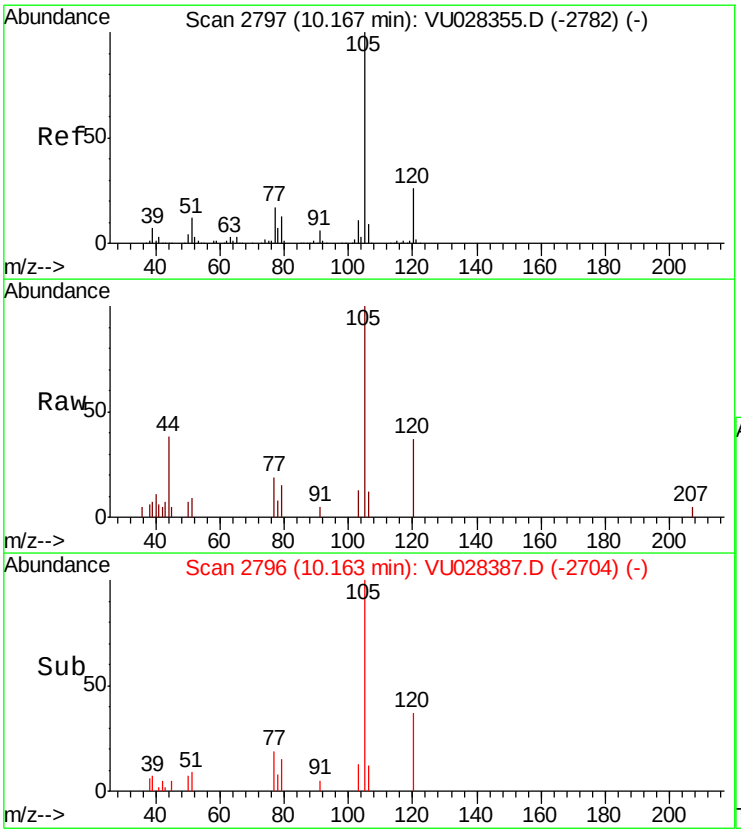
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU028387.D
Acq: 29 Nov 2018 12:41

Instrument :
MSVOA_U
ClientSampleId :
BW-2072-112818

Tgt Ion:152 Resp: 193411

Ion	Ratio	Lower	Upper
152	100		
115	62.8	45.0	134.8
150	157.2	0.0	349.2

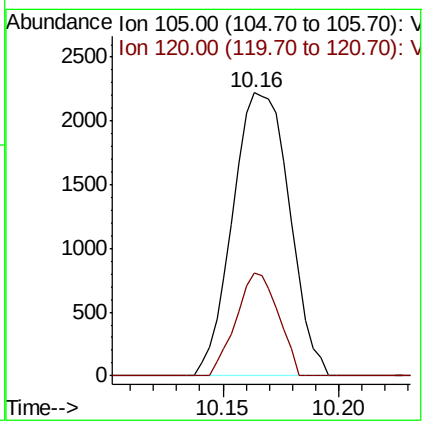


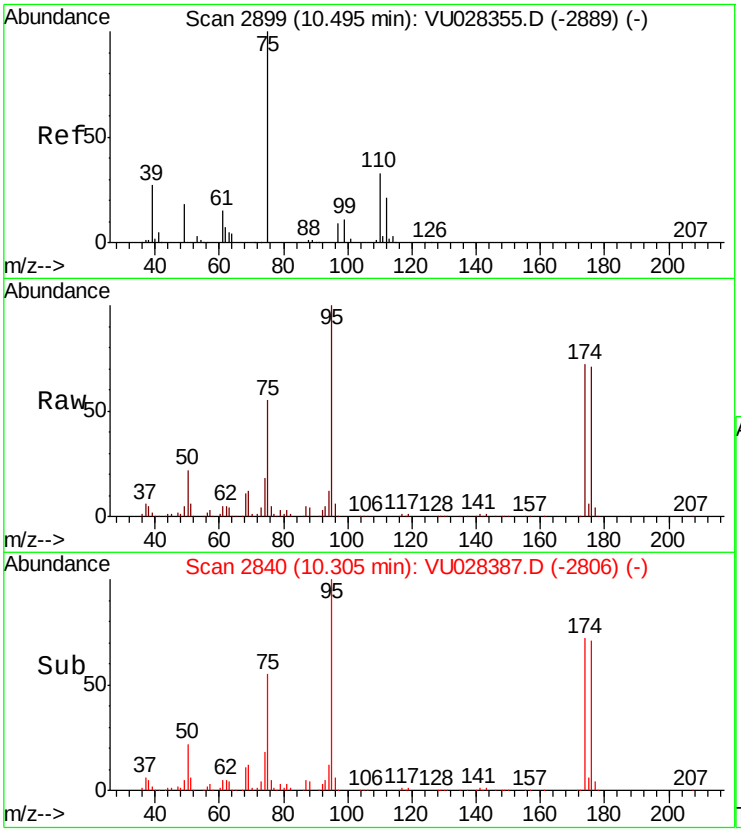


#73
Isopropylbenzene
Concen: 0.251 ug/l
RT: 10.16 min Scan# 2796
Delta R.T. -0.00 min
Lab File: VU028387.D
Acq: 29 Nov 2018 12:41

Tgt Ion:105 Resp: 3774

Ion	Ratio	Lower	Upper
105	100		
120	26.9	12.8	38.3



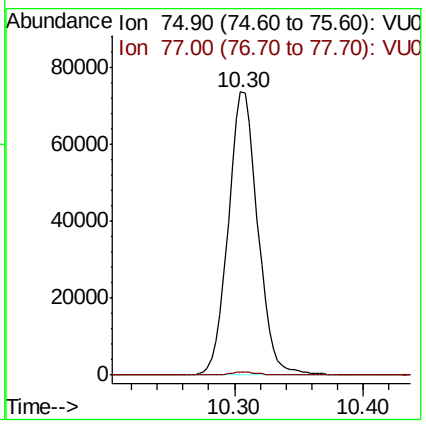


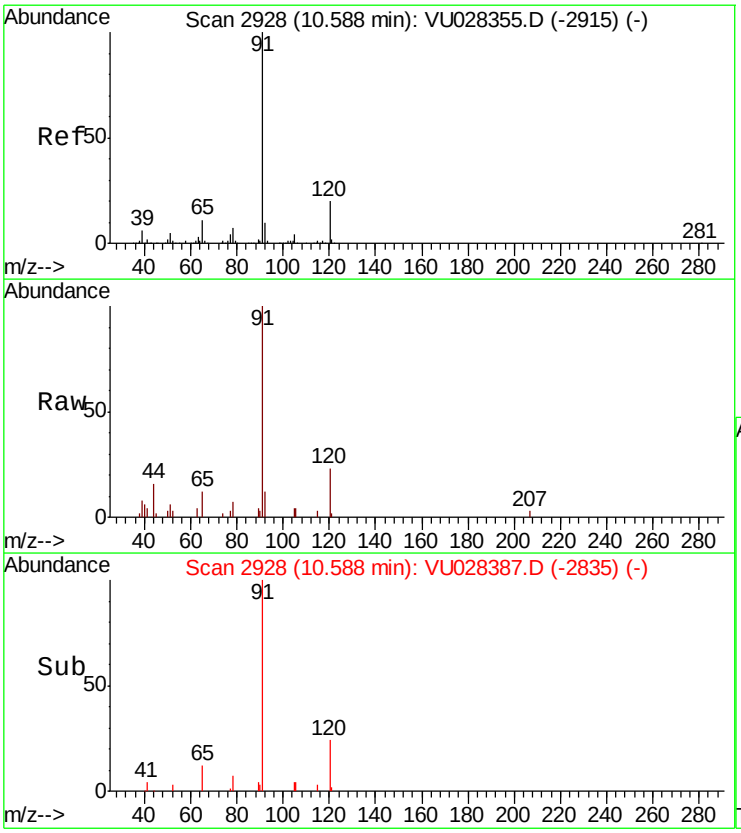
#76
1,2,3-Trichloropropane
Concen: 21.832 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.19 min
Lab File: VU028387.D
Acq: 29 Nov 2018 12:41

Instrument :
MSVOA_U
ClientSampleId :
BW-2072-112818

Tgt Ion: 75 Resp: 117097

Ion	Ratio	Lower	Upper
75	100		
77	1.1	22.4	67.0#

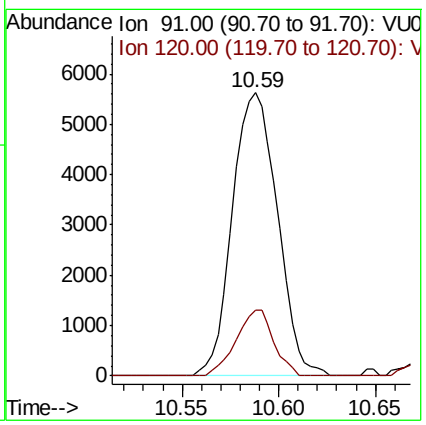


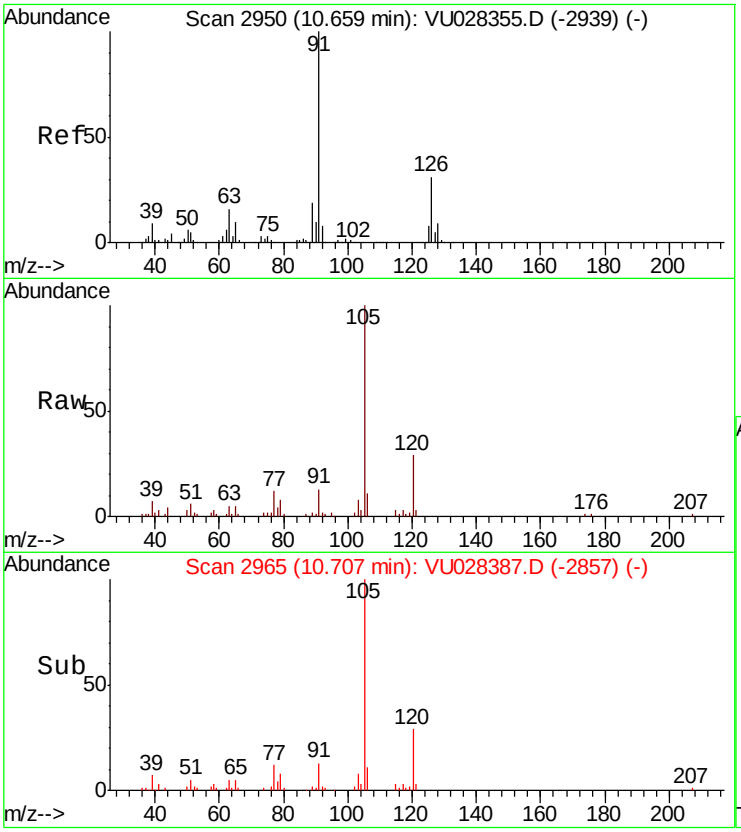


#78
n-propylbenzene
Concen: 0.490 ug/l
RT: 10.59 min Scan# 2928
Delta R.T. -0.00 min
Lab File: VU028387.D
Acq: 29 Nov 2018 12:41

Tgt Ion: 91 Resp: 9102

Ion	Ratio	Lower	Upper
91	100		
120	19.5	10.3	30.8



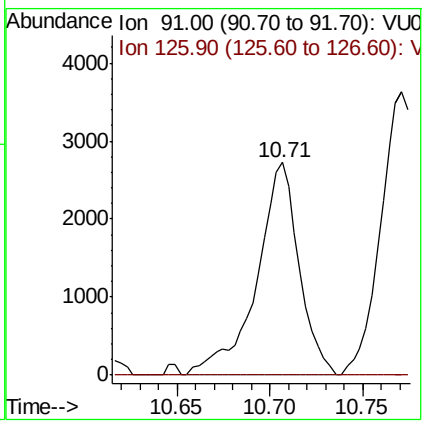


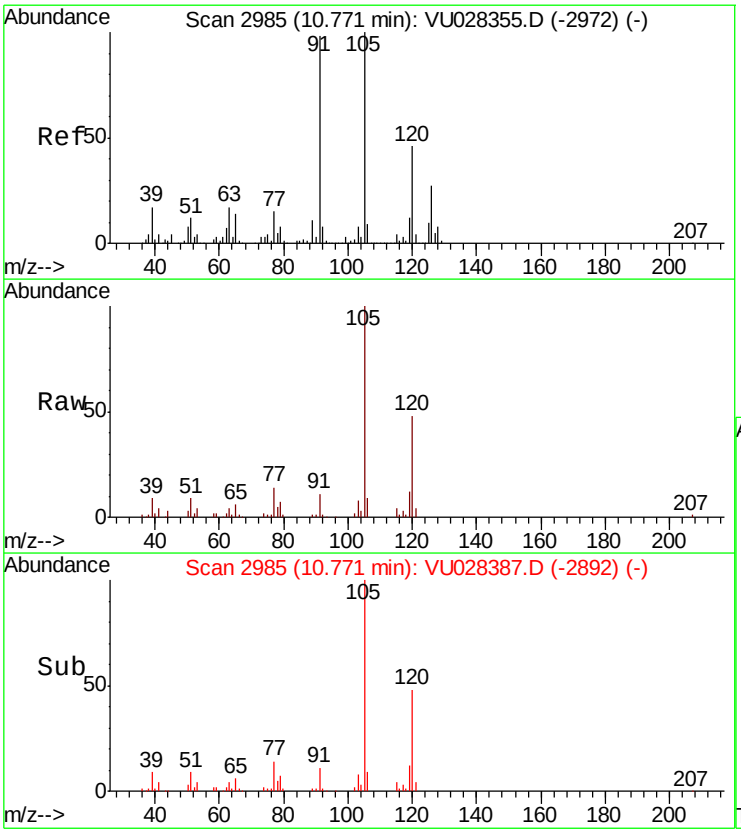
#79
2-Chlorotoluene
Concen: 0.396 ug/l
RT: 10.71 min Scan# 2965
Delta R.T. 0.05 min
Lab File: VU028387.D
Acq: 29 Nov 2018 12:41

Instrument : MSVOA_U
ClientSampleId : BW-2072-112818

Tgt Ion: 91 Resp: 4334

Ion	Ratio	Lower	Upper
91	100		
126	0.0	15.4	46.1#

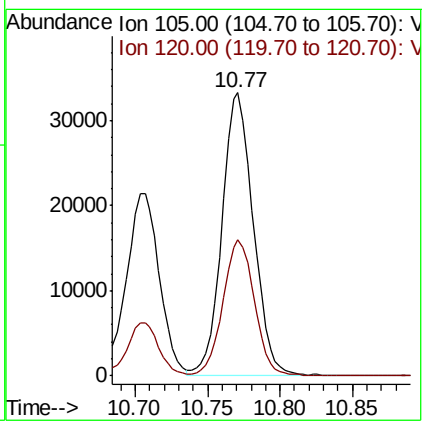


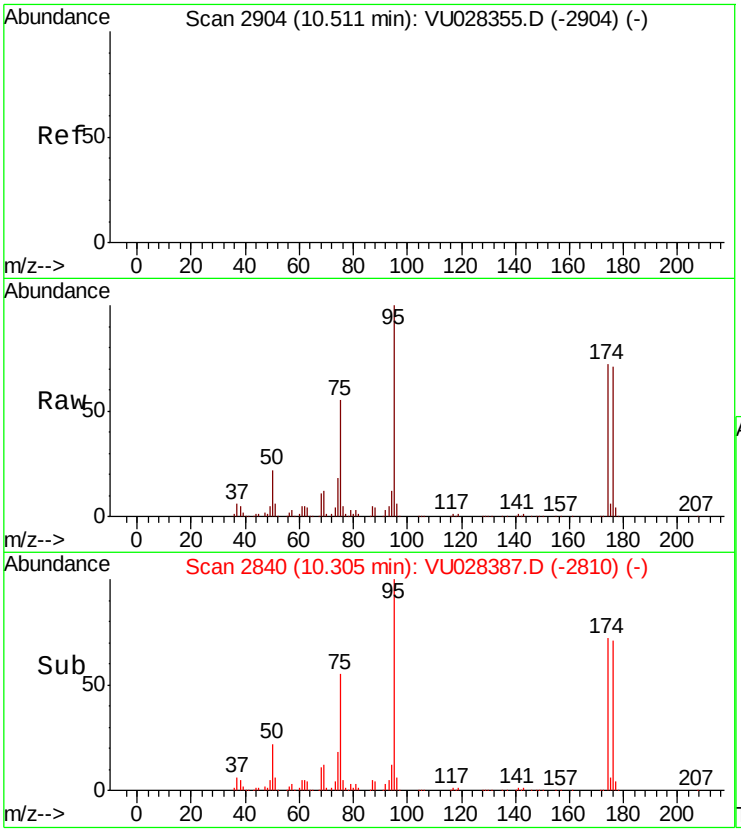


#80
1,3,5-Trimethylbenzene
Concen: 3.949 ug/l
RT: 10.77 min Scan# 2985
Delta R.T. -0.00 min
Lab File: VU028387.D
Acq: 29 Nov 2018 12:41

Tgt Ion:105 Resp: 50054

Ion	Ratio	Lower	Upper
105	100		
120	48.2	23.4	70.0



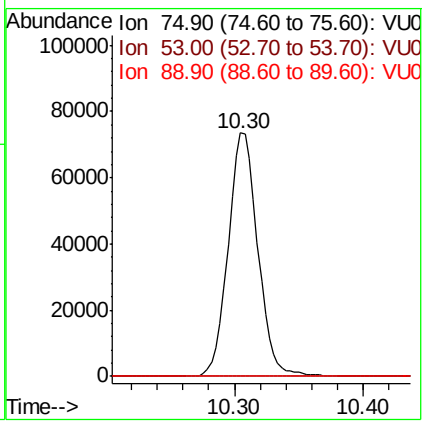


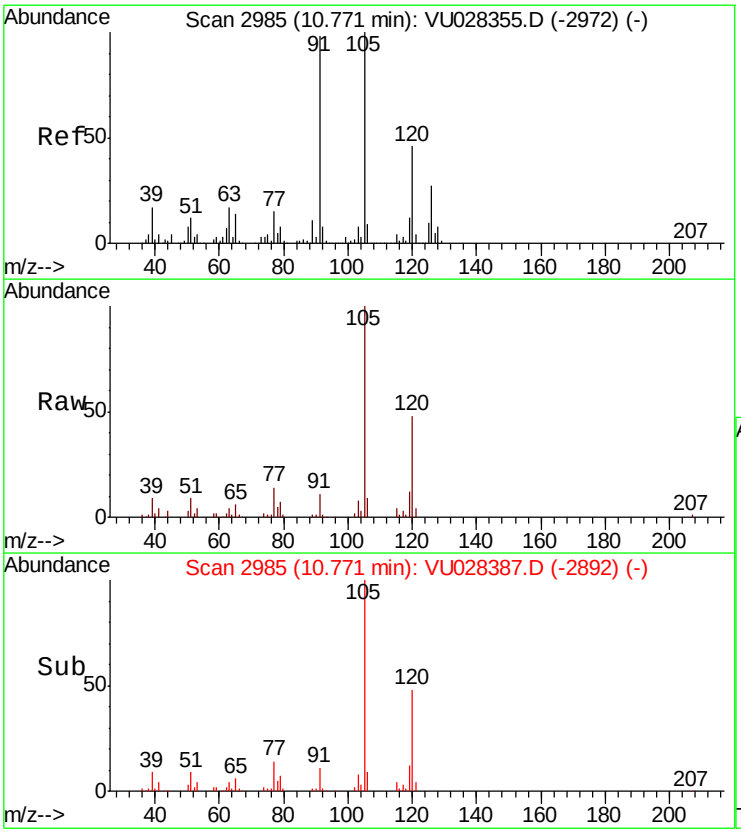
#81
trans-1,4-Dichloro-2-butene
Concen: 57.954 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.20 min
Lab File: VU028387.D
Acq: 29 Nov 2018 12:41

Instrument :
MSVOA_U
ClientSampleId :
BW-2072-112818

Tgt Ion: 75 Resp: 117097

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

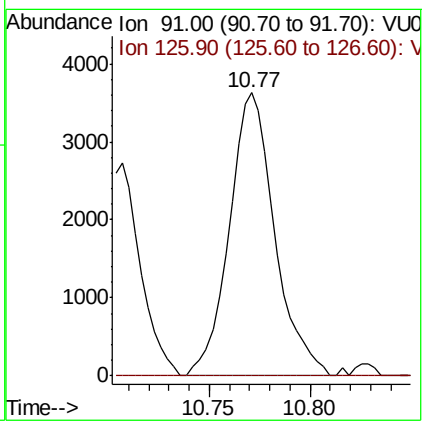


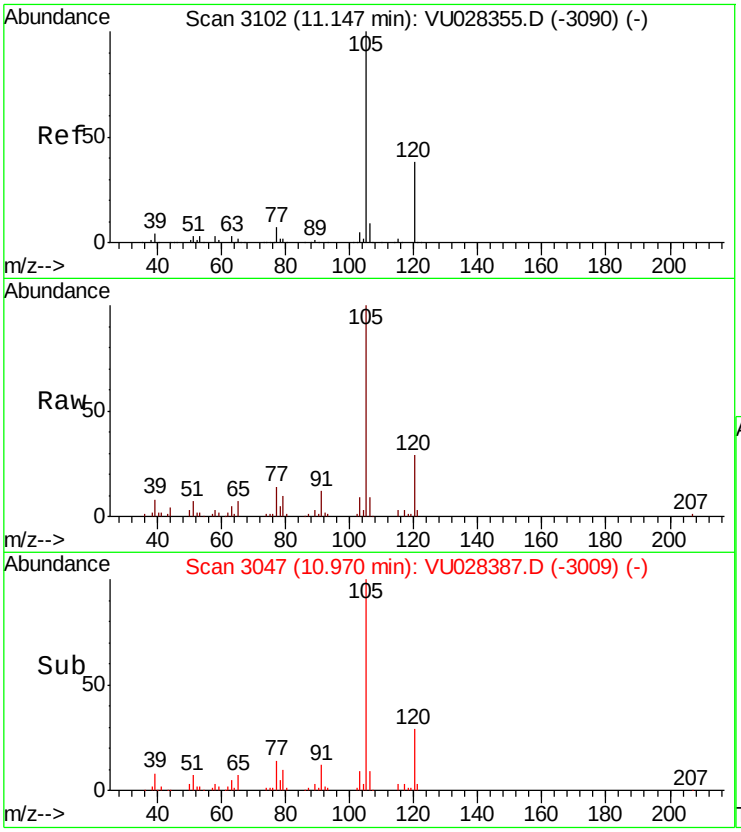


#82
4-Chlorotoluene
Concen: 0.453 ug/l
RT: 10.77 min Scan# 2985
Delta R.T. -0.00 min
Lab File: VU028387.D
Acq: 29 Nov 2018 12:41

Tgt Ion: 91 Resp: 5713

Ion	Ratio	Lower	Upper
91	100		
126	0.0	13.9	41.6#



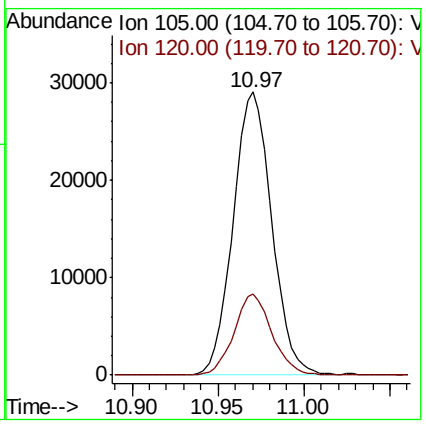


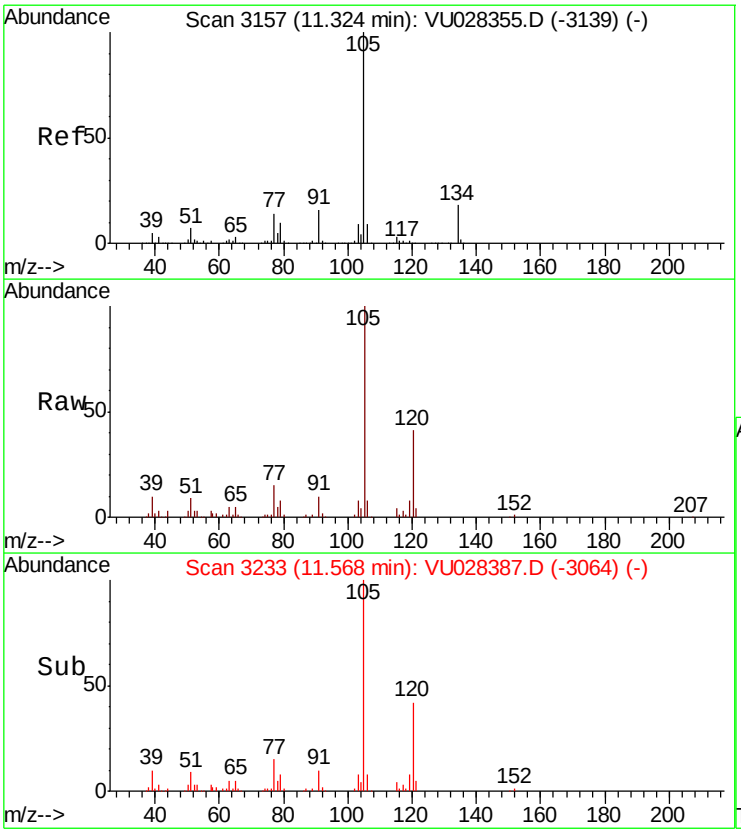
#84
1,2,4-Trimethylbenzene
Concen: 3.529 ug/l
RT: 10.97 min Scan# 3047
Delta R.T. -0.18 min
Lab File: VU028387.D
Acq: 29 Nov 2018 12:41

Instrument :
MSVOA_U
ClientSampleId :
BW-2072-112818

Tgt Ion:105 Resp: 45315

Ion	Ratio	Lower	Upper
105	100		
120	28.0	21.4	64.3

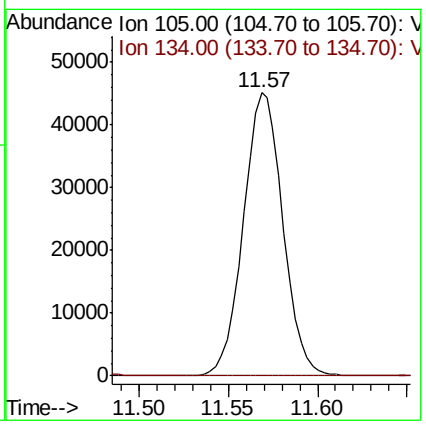


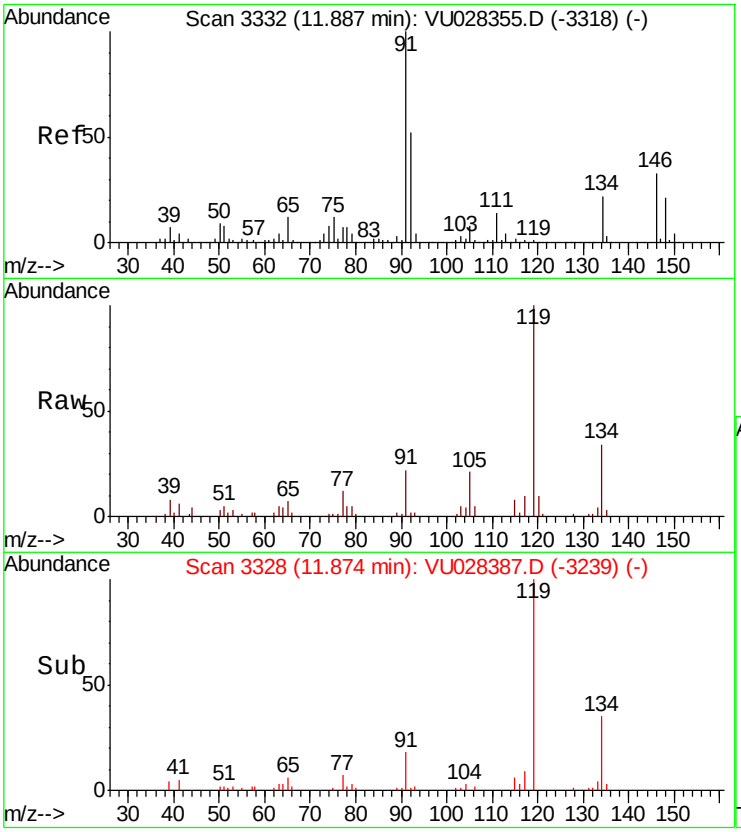


#85
sec-Butylbenzene
Concen: 4.551 ug/l
RT: 11.57 min Scan# 3233
Delta R.T. 0.24 min
Lab File: VU028387.D
Acq: 29 Nov 2018 12:41

Tgt Ion:105 Resp: 69849

Ion	Ratio	Lower	Upper
105	100		
134	0.0	9.3	27.7#



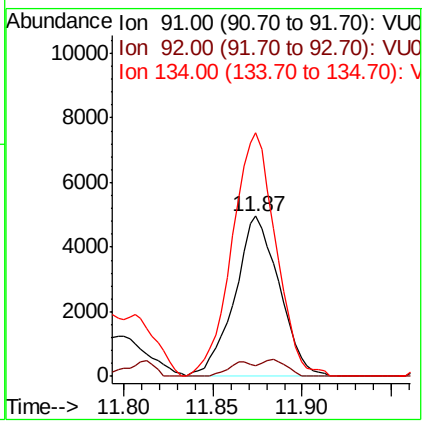


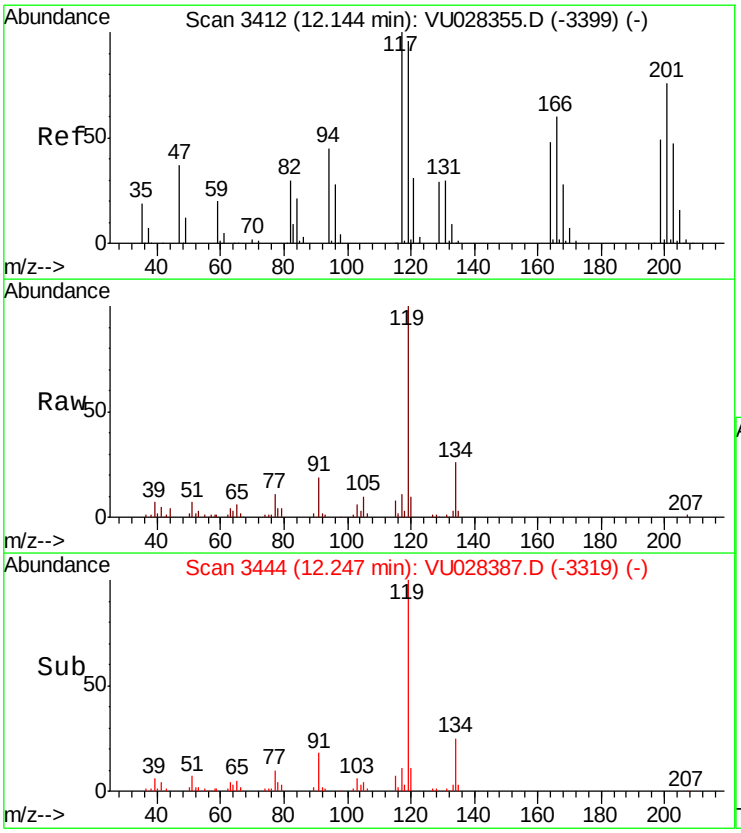
#89
n-Butylbenzene
Concen: 0.693 ug/l
RT: 11.87 min Scan# 3328
Delta R.T. -0.01 min
Lab File: VU028387.D
Acq: 29 Nov 2018 12:41

Instrument :
MSVOA_U
ClientSampleId :
BW-2072-112818

Tgt Ion: 91 Resp: 8634

Ion	Ratio	Lower	Upper
91	100		
92	5.9	26.2	78.5#
134	149.1	11.1	33.1#

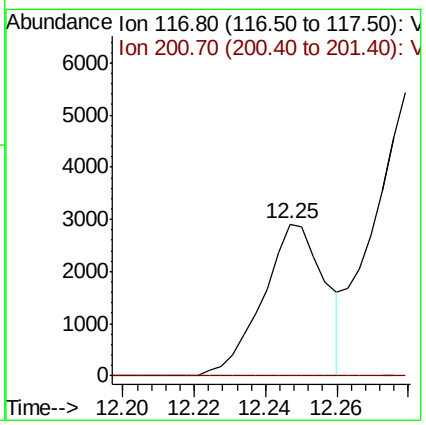


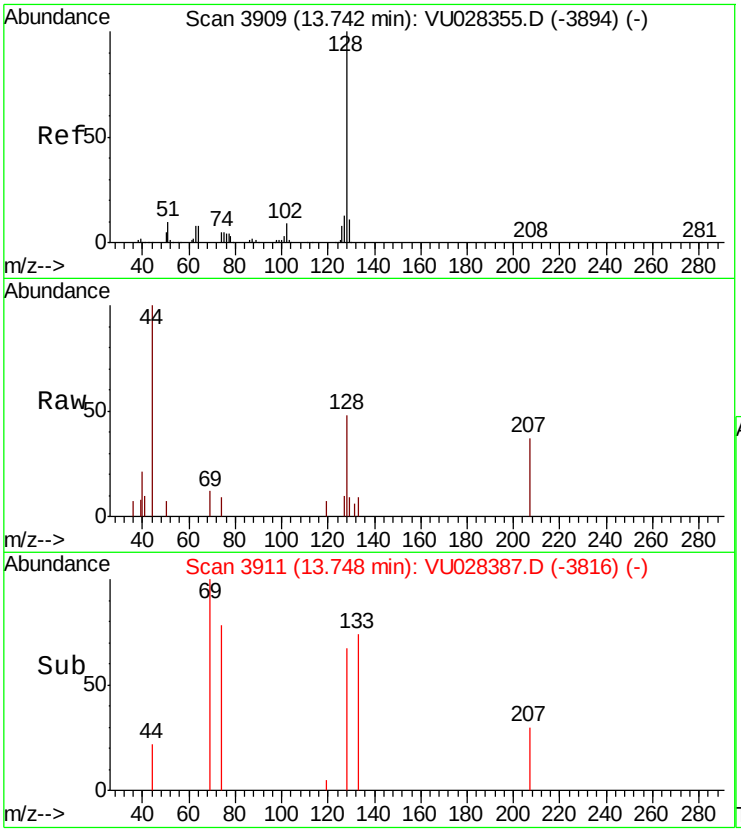


#90
Hexachloroethane
Concen: 1.771 ug/l
RT: 12.25 min Scan# 3444
Delta R.T. 0.10 min
Lab File: VU028387.D
Acq: 29 Nov 2018 12:41

Tgt Ion:117 Resp: 3490

Ion	Ratio	Lower	Upper
117	100		
201	0.0	37.7	113.1#





#95
Naphthalene
Concen: 2.935 ug/l
RT: 13.75 min Scan# 3911
Delta R.T. 0.01 min
Lab File: VU028387.D
Acq: 29 Nov 2018 12:41

Instrument :
MSVOA_U
ClientSampleId :
BW-2072-112818

Tgt Ion:128 Resp: 1721

Ion	Ratio	Lower	Upper
128	100		
127	9.9	10.6	15.8#
129	8.3	8.6	12.8#