Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092818\
Data File : VU027279.D
Acq On : 28 Sep 2018 18:11
Operator : MD/SY
Sample : J5084-22
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : B-12(TW-2)

Quant Time: Sep 29 00:08:17 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	119307	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	203310	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	190056	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	93599	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	108902	45.35	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.70%			
35) Dibromofluoromethane	4.88	113	80125	45.47	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.94%			
50) Toluene-d8	7.57	98	314390	46.81	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.62%			
62) 4-Bromofluorobenzene	10.31	95	105465	45.76	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.52%			
Target Compounds						Qvalue
6) Chloroethane	1.71	64	764	0.477	ug/l #	43
11) Tert butyl alcohol	2.84	59	424	0.770	ug/l #	72
14) Allyl chloride	2.44	41	1518	0.454	ug/l #	76
16) Acetone	2.32	43	2090	Below Cal		93
18) Methyl Acetate	2.62	43	5900	1.726	ug/l #	89
30) Chloroform	4.67	83	3022	0.827	ug/l	89
31) Cyclohexane	4.99	56	3243	0.335	ug/l #	1
36) 1,1-Dichloropropene	4.99	75	10916	4.023	ug/l #	49
38) Carbon Tetrachloride	4.99	117	11961	4.632	ug/l #	17
39) Methylcyclohexane	6.42	83	699	0.237	ug/l	94
48) Methyl methacrylate	6.41	41	252	1.096	ug/l #	63
51) 4-Methyl-2-Pentanone	7.57	43	1413	0.392	ug/l #	1
52) Toluene	7.64	92	1245	0.263	ug/l	100
67) Ethyl Benzene	9.25	91	2707	0.327	ug/l #	85
68) m/p-Xylenes	9.38	106	2144	2.130	ug/l	88
69) o-Xylene	9.78	106	1030	0.351	ug/l	98
76) 1,2,3-Trichloropropane	10.31	75	55559	19.539	ug/l #	36
81) trans-1,4-Dichloro-2-buten	10.31	75	55559	62.528	ug/l #	100
84) 1,2,4-Trimethylbenzene	11.15	105	2541	0.425	ug/l	98
85) sec-Butylbenzene	11.15	105	2541	0.358	ug/l #	58
89) n-Butylbenzene	11.89	91	68	2.402	ug/l #	33
95) Naphthalene	13.75	128	914	1.803	ug/l #	69

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

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
Quant Title : SW846 8260
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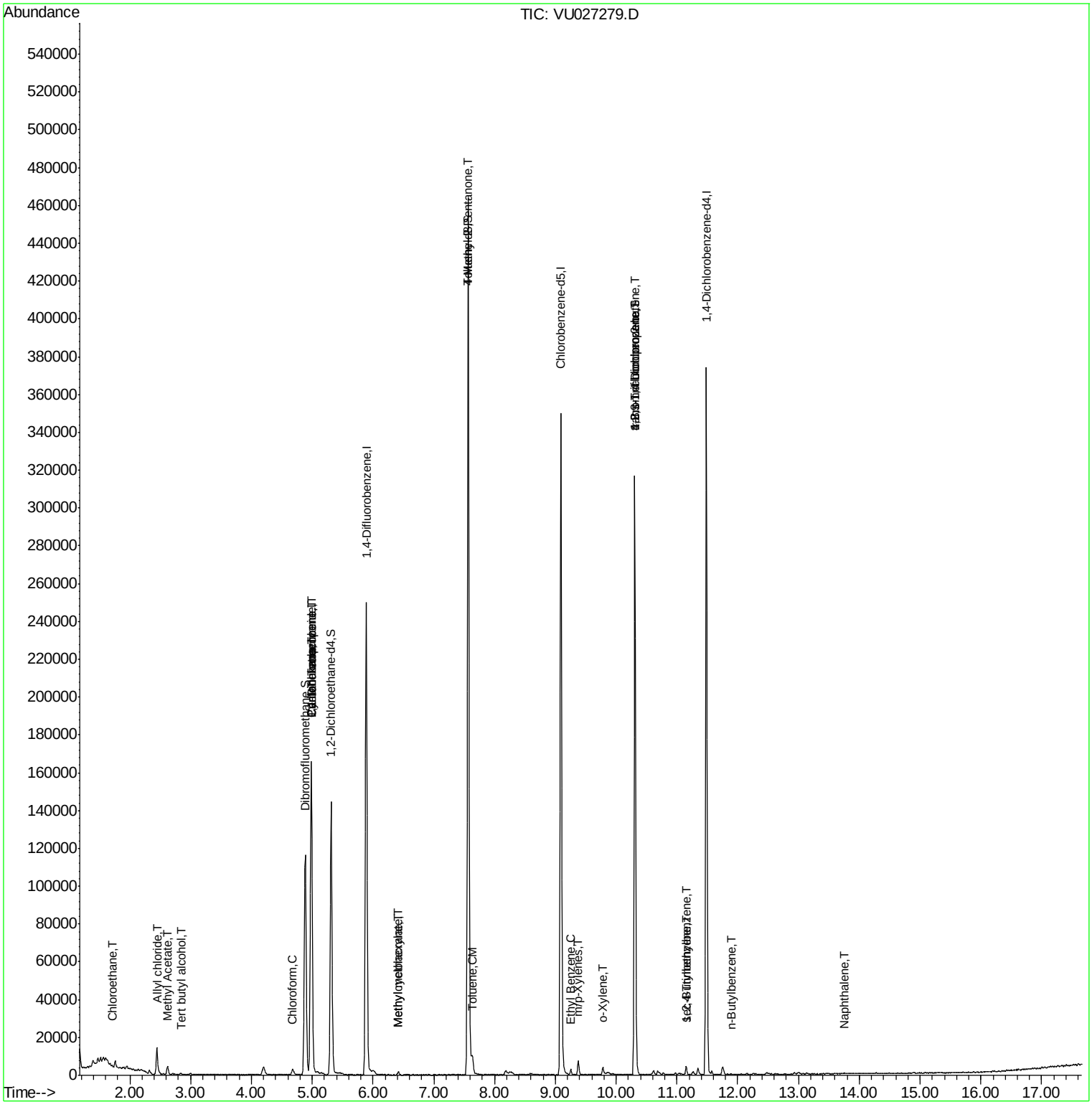
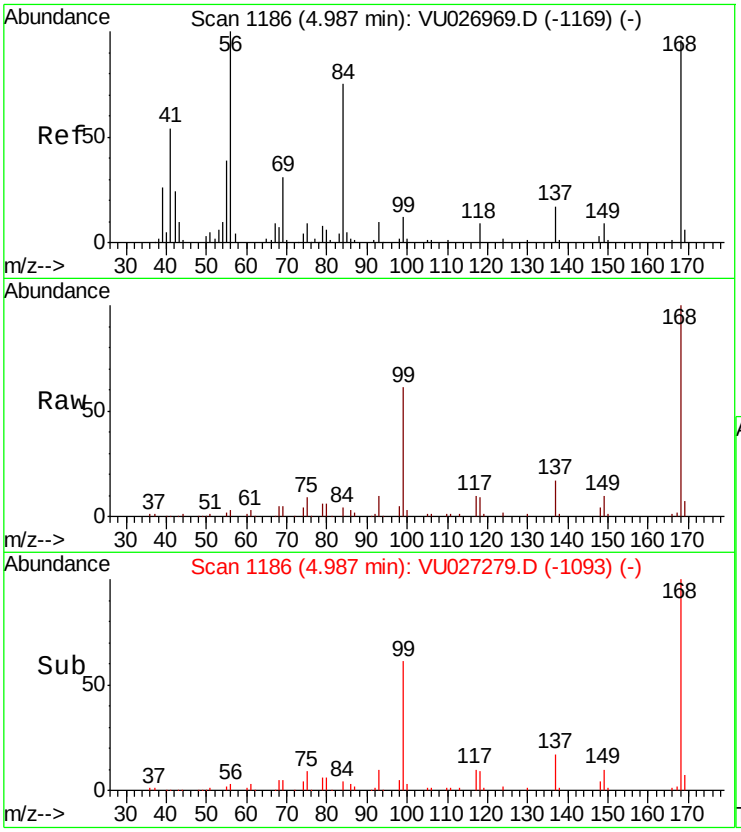


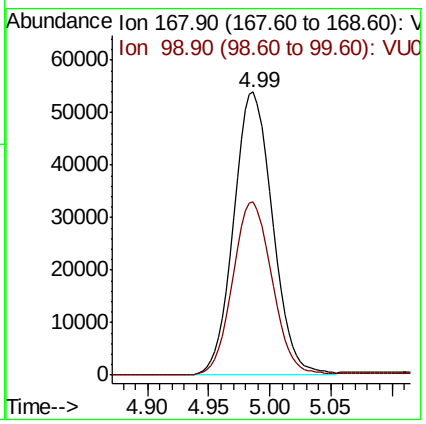


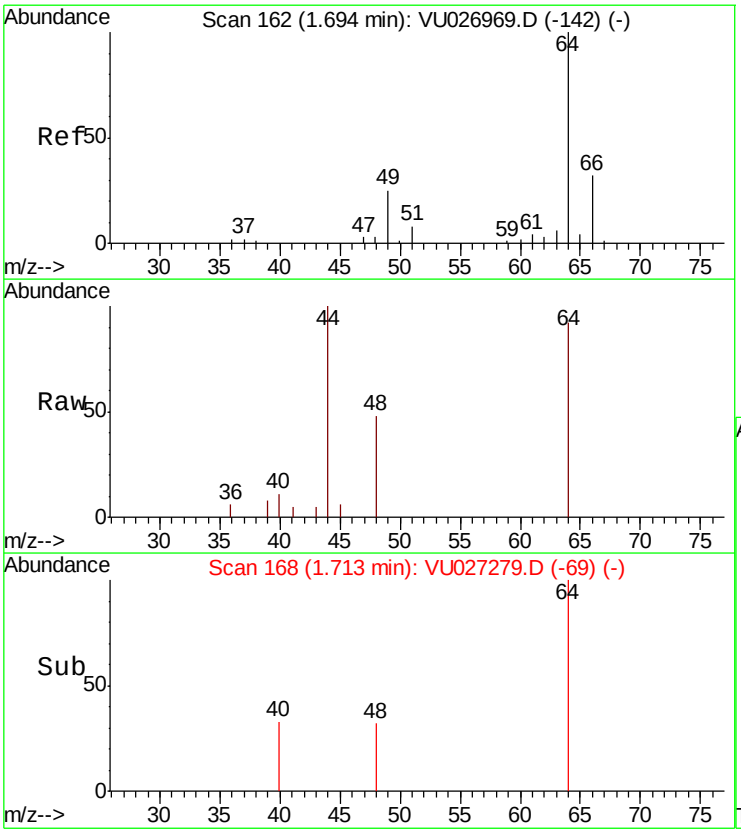
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.00 min
Lab File: VU027279.D
Acq: 28 Sep 2018 18:11

Instrument :
MSVOA_U
ClientSampleId :
B-12(TW-2)

Tgt Ion:168 Resp: 119307

Ion	Ratio	Lower	Upper
168	100		
99	61.1	48.1	72.1

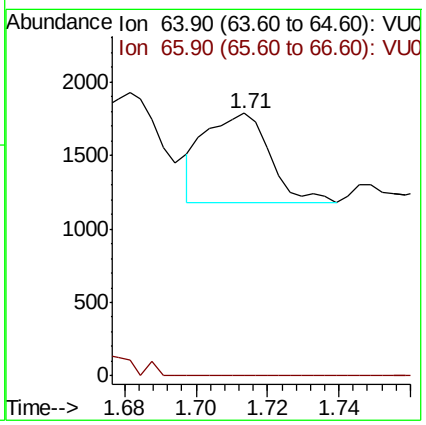


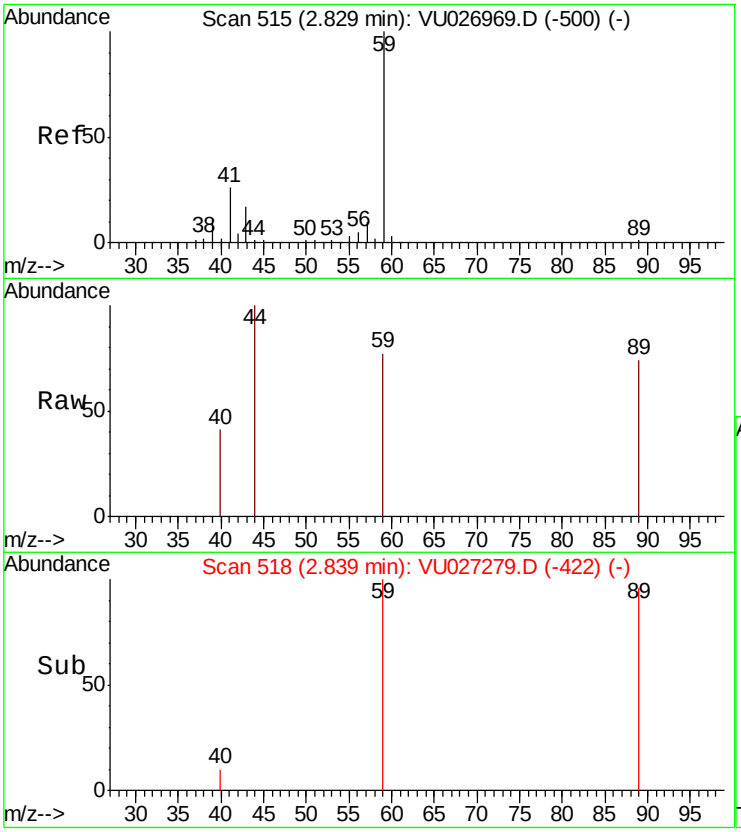


#6
Chloroethane
Concen: 0.477 ug/l
RT: 1.71 min Scan# 168
Delta R.T. 0.02 min
Lab File: VU027279.D
Acq: 28 Sep 2018 18:11

Tgt Ion: 64 Resp: 764

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.3	37.9#



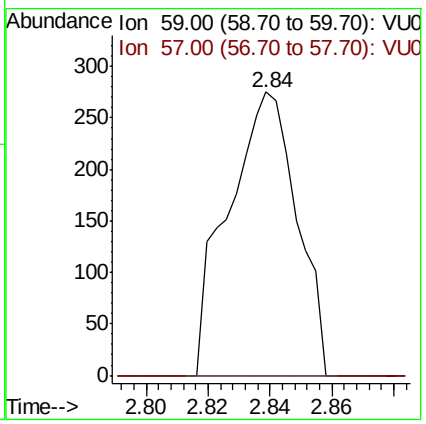


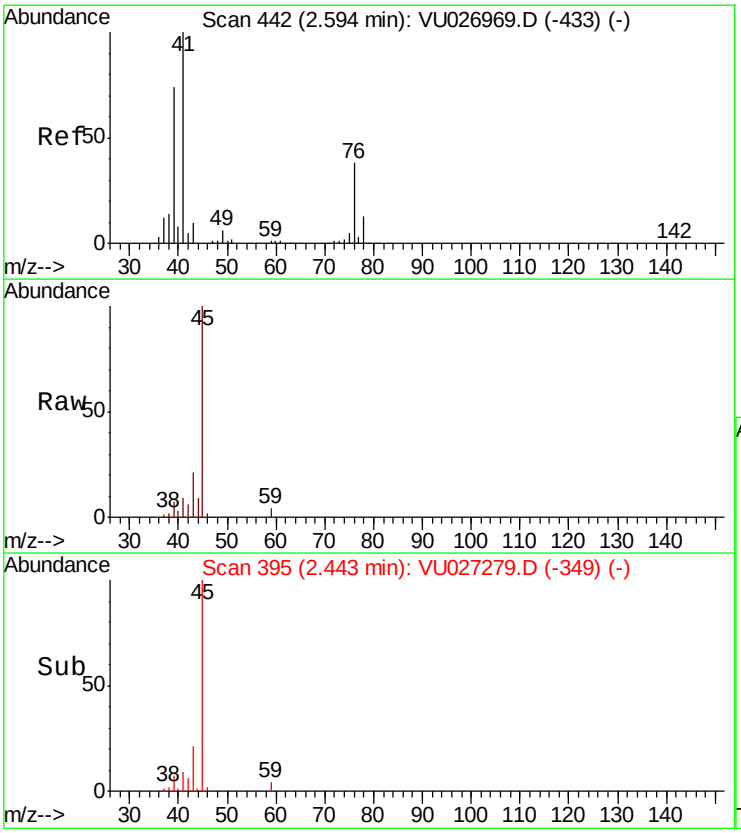
#11
Tert butyl alcohol
Concen: 0.770 ug/l
RT: 2.84 min Scan# 518
Delta R.T. 0.01 min
Lab File: VU027279.D
Acq: 28 Sep 2018 18:11

Instrument : MSVOA_U
ClientSampleId : B-12(TW-2)

Tgt Ion: 59 Resp: 424

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.5	12.7#

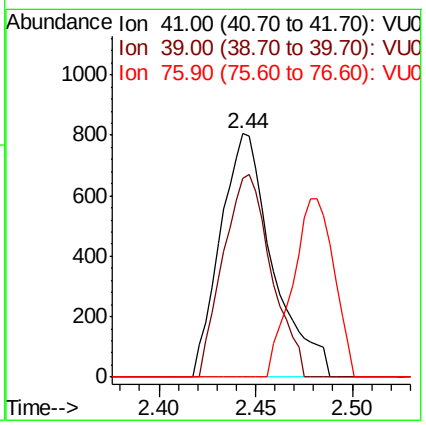


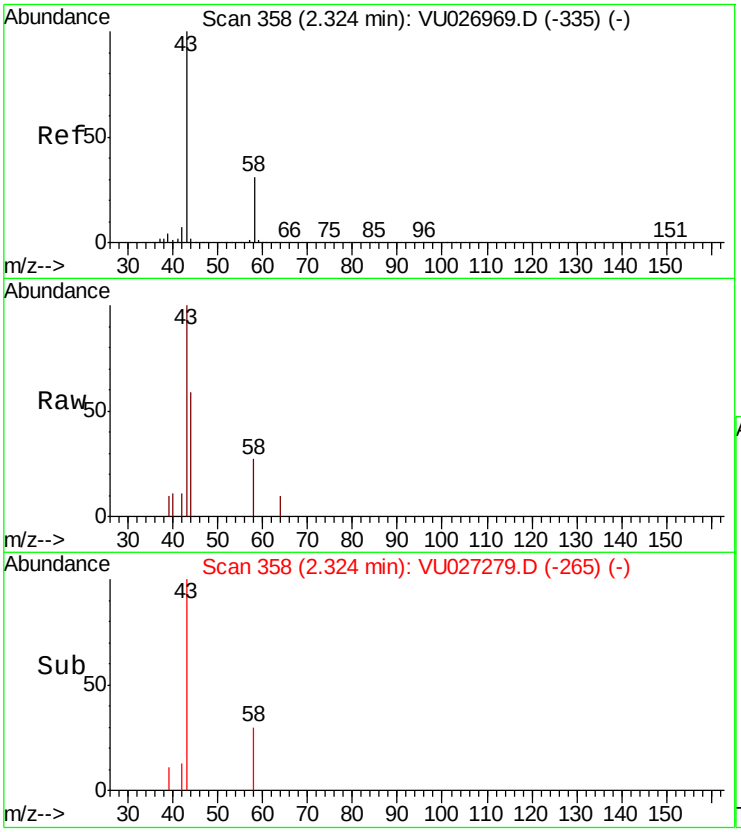


#14
Allyl chloride
Concen: 0.454 ug/l
RT: 2.44 min Scan# 395
Delta R.T. -0.15 min
Lab File: VU027279.D
Acq: 28 Sep 2018 18:11

Tgt Ion: 41 Resp: 1518

Ion	Ratio	Lower	Upper
41	100		
39	76.3	55.7	83.5
76	0.0	26.5	39.7#



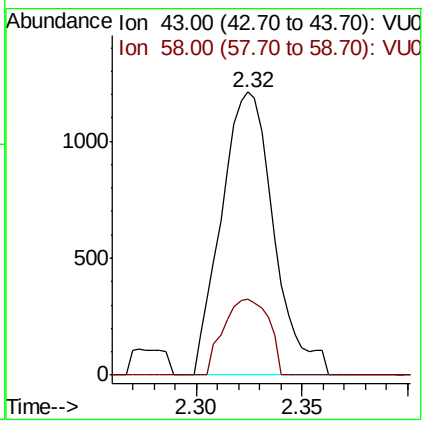


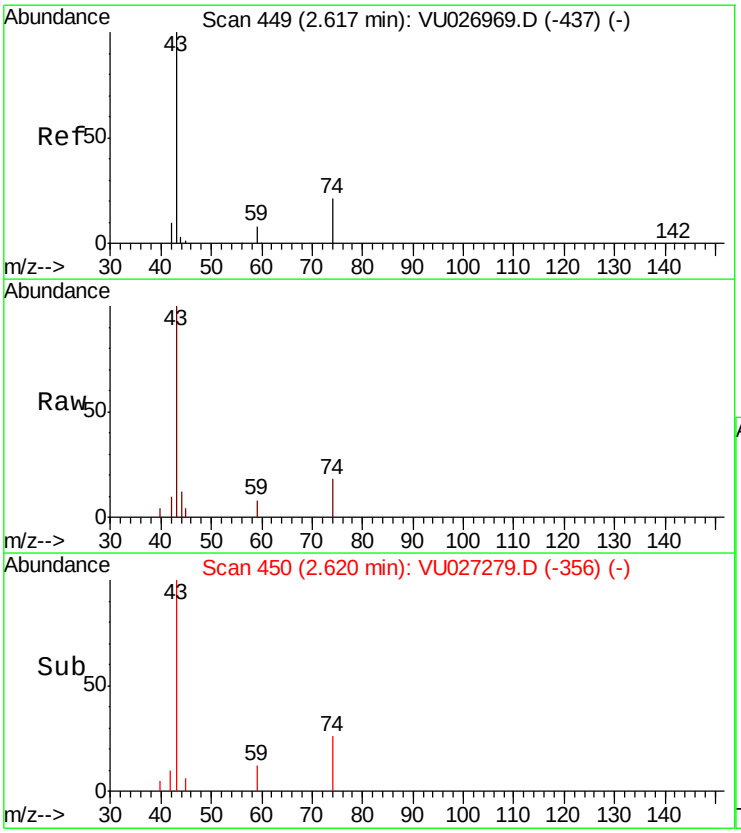
#16
Acetone
Concen: Below Cal
RT: 2.32 min Scan# 358
Delta R.T. 0.00 min
Lab File: VU027279.D
Acq: 28 Sep 2018 18:11

Instrument :
MSVOA_U
ClientSampleId :
B-12(TW-2)

Tgt Ion: 43 Resp: 2090

Ion	Ratio	Lower	Upper
43	100		
58	26.7	24.6	36.8

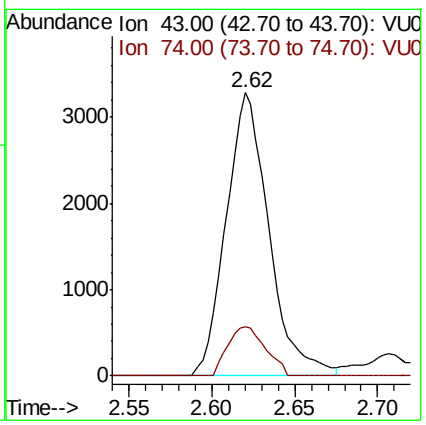


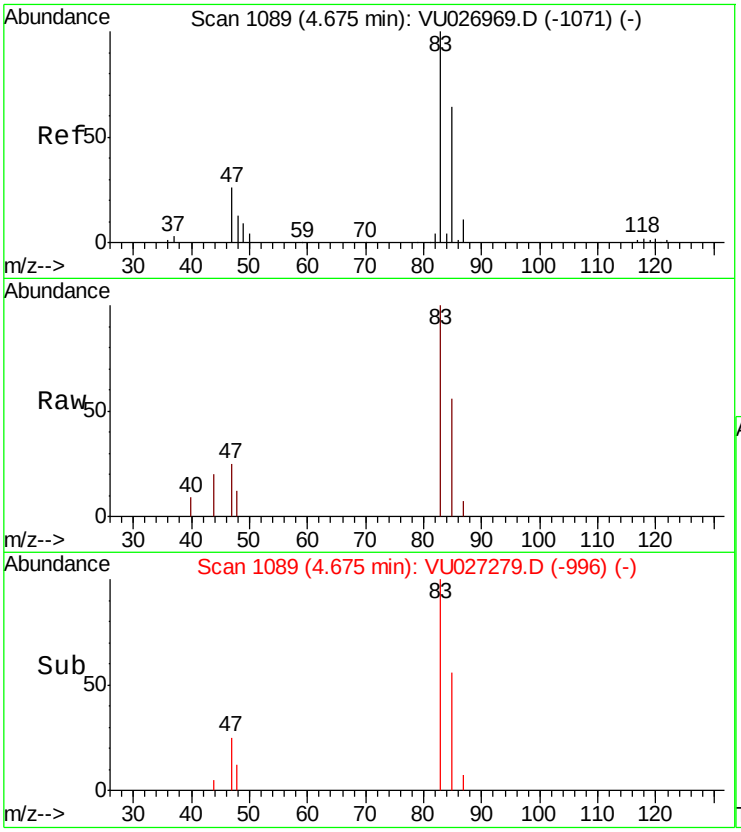


#18
Methyl Acetate
Concen: 1.726 ug/l
RT: 2.62 min Scan# 450
Delta R.T. 0.00 min
Lab File: VU027279.D
Acq: 28 Sep 2018 18:11

Tgt Ion: 43 Resp: 5900

Ion	Ratio	Lower	Upper
43	100		
74	15.4	16.6	25.0#



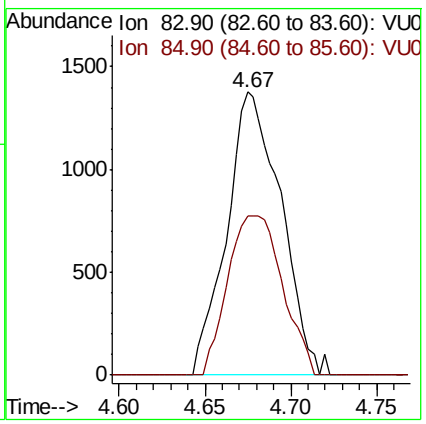


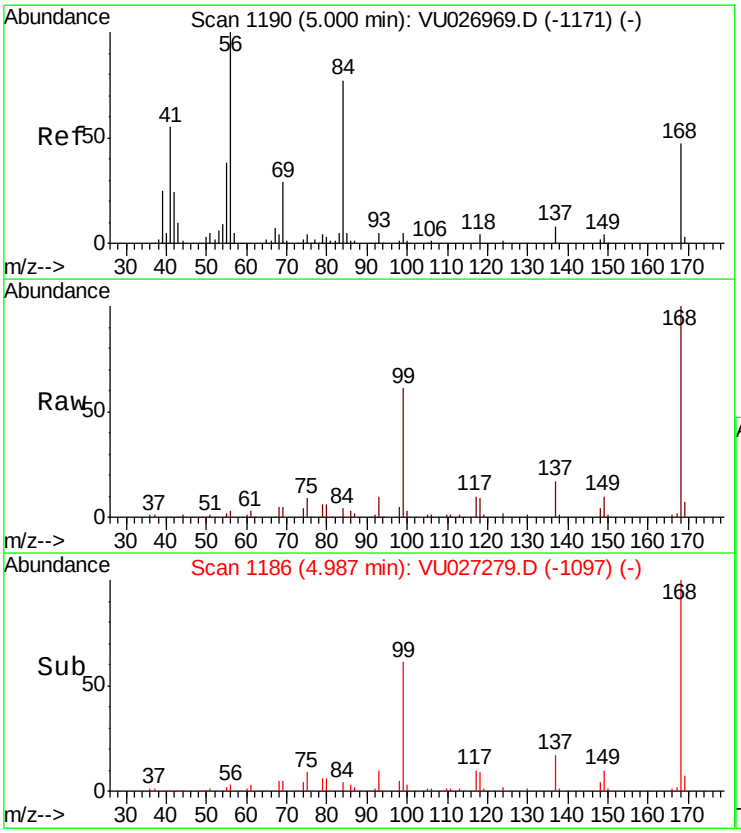
#30
Chloroform
Concen: 0.827 ug/l
RT: 4.67 min Scan# 1089
Delta R.T. -0.00 min
Lab File: VU027279.D
Acq: 28 Sep 2018 18:11

Instrument :
MSVOA_U
ClientSampleId :
B-12(TW-2)

Tgt Ion: 83 Resp: 3022

Ion	Ratio	Lower	Upper
83	100		
85	56.1	51.5	77.3

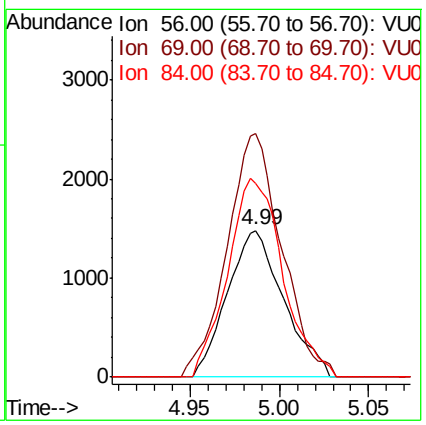


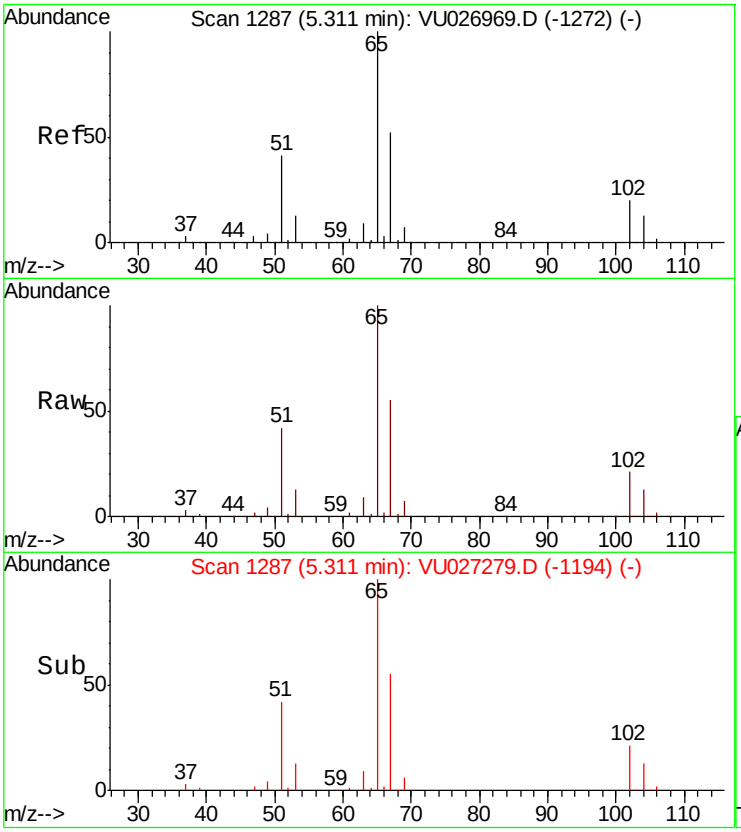


#31
Cyclohexane
Concen: 0.335 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.01 min
Lab File: VU027279.D
Acq: 28 Sep 2018 18:11

Tgt Ion: 56 Resp: 3243

Ion	Ratio	Lower	Upper
56	100		
69	166.2	23.0	34.4#
84	132.5	61.4	92.2#



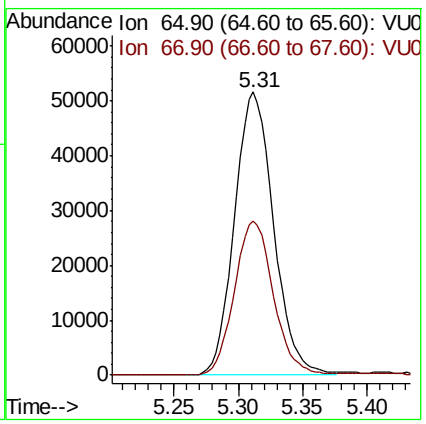


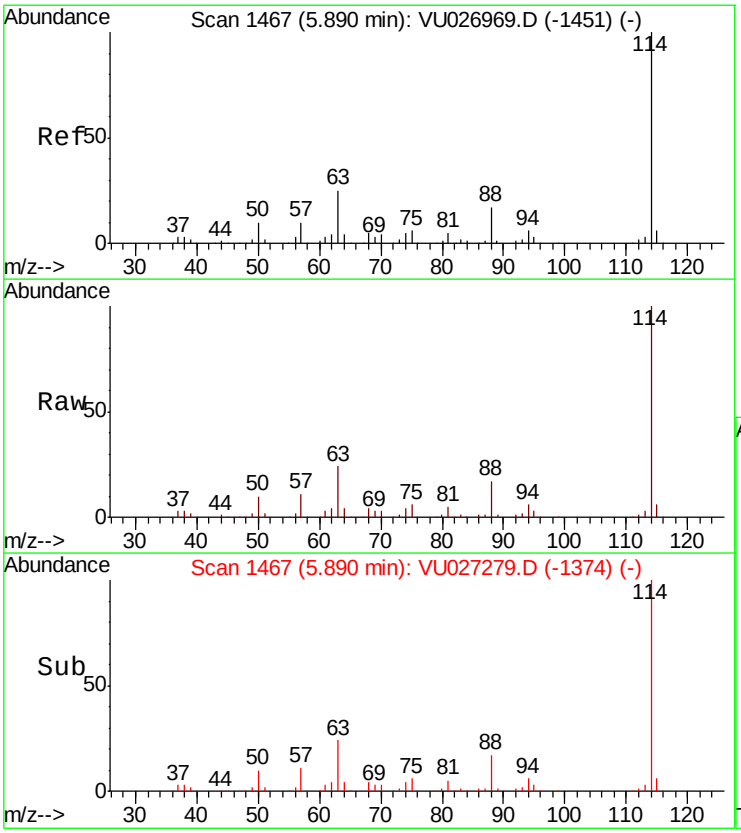
#33
1,2-Dichloroethane-d4
Concen: 45.352 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. -0.00 min
Lab File: VU027279.D
Acq: 28 Sep 2018 18:11

Instrument :
MSVOA_U
ClientSampleId :
B-12(TW-2)

Tgt Ion: 65 Resp: 108902

Ion	Ratio	Lower	Upper
65	100		
67	54.4	0.0	105.6

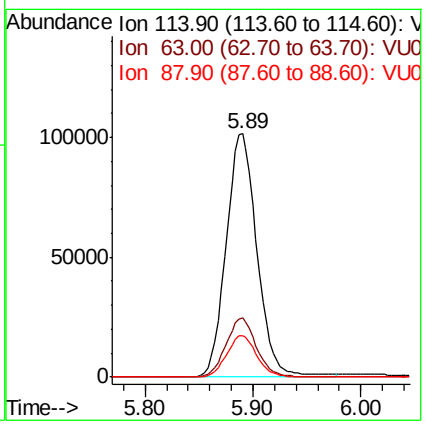


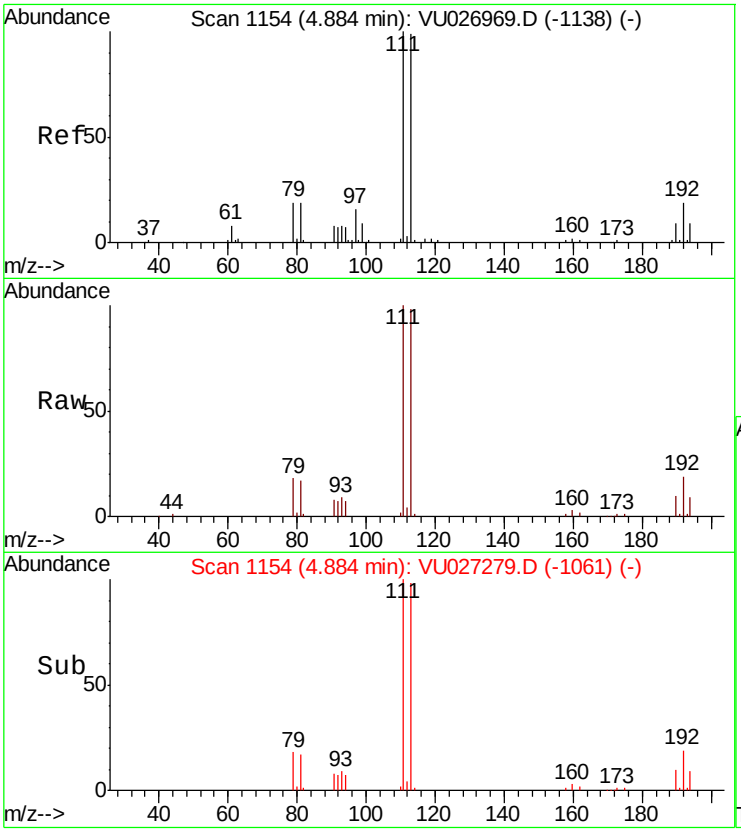


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.89 min Scan# 1467
Delta R.T. -0.00 min
Lab File: VU027279.D
Acq: 28 Sep 2018 18:11

Tgt Ion:114 Resp: 203310

Ion	Ratio	Lower	Upper
114	100		
63	24.4	0.0	49.2
88	17.3	0.0	33.8



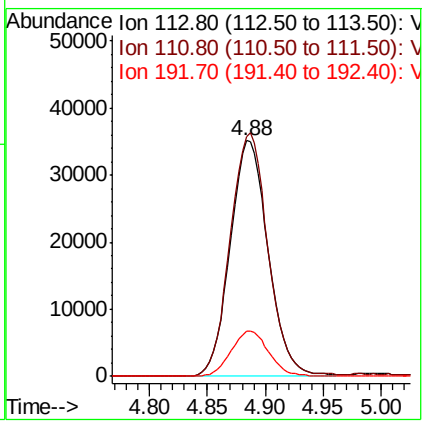


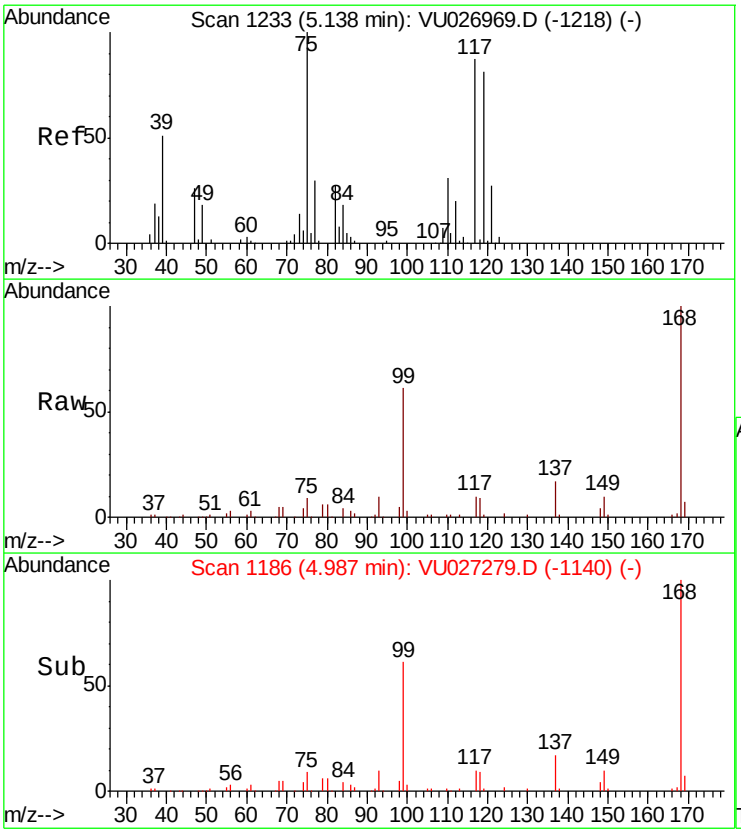
#35
Dibromofluoromethane
Concen: 45.466 ug/l
RT: 4.88 min Scan# 1154
Delta R.T. -0.00 min
Lab File: VU027279.D
Acq: 28 Sep 2018 18:11

Instrument :
MSVOA_U
ClientSampleId :
B-12(TW-2)

Tgt Ion:113 Resp: 80125

Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.2	123.4
192	19.0	15.2	22.8

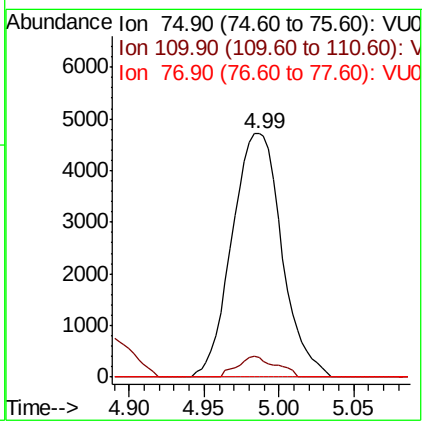


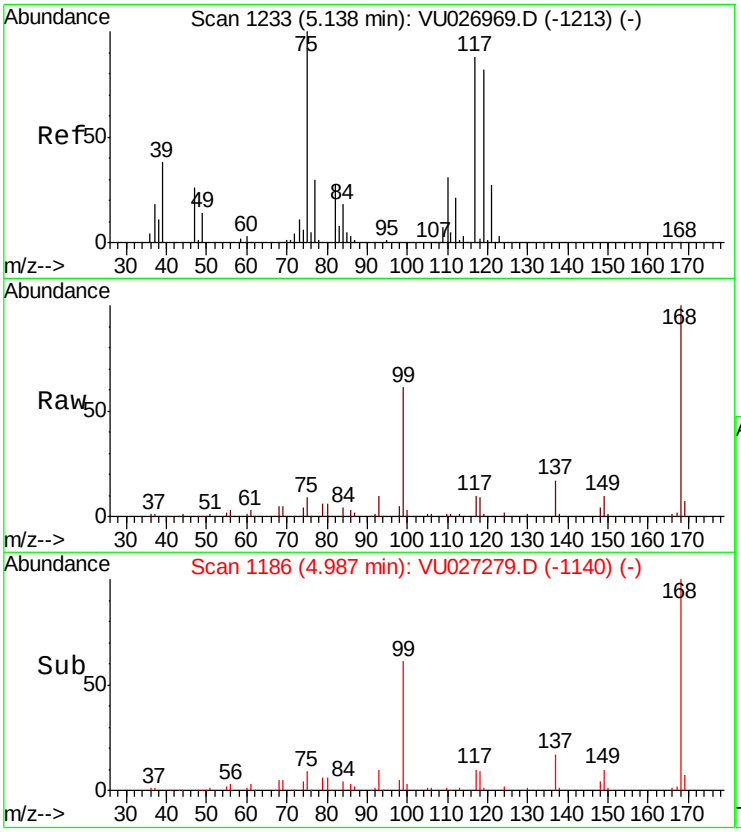


#36
1,1-Dichloropropene
Concen: 4.023 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.15 min
Lab File: VU027279.D
Acq: 28 Sep 2018 18:11

Tgt Ion: 75 Resp: 10916

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



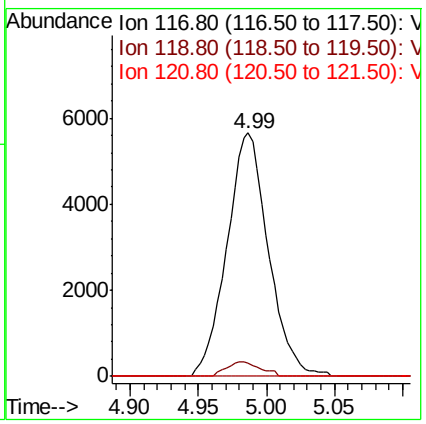


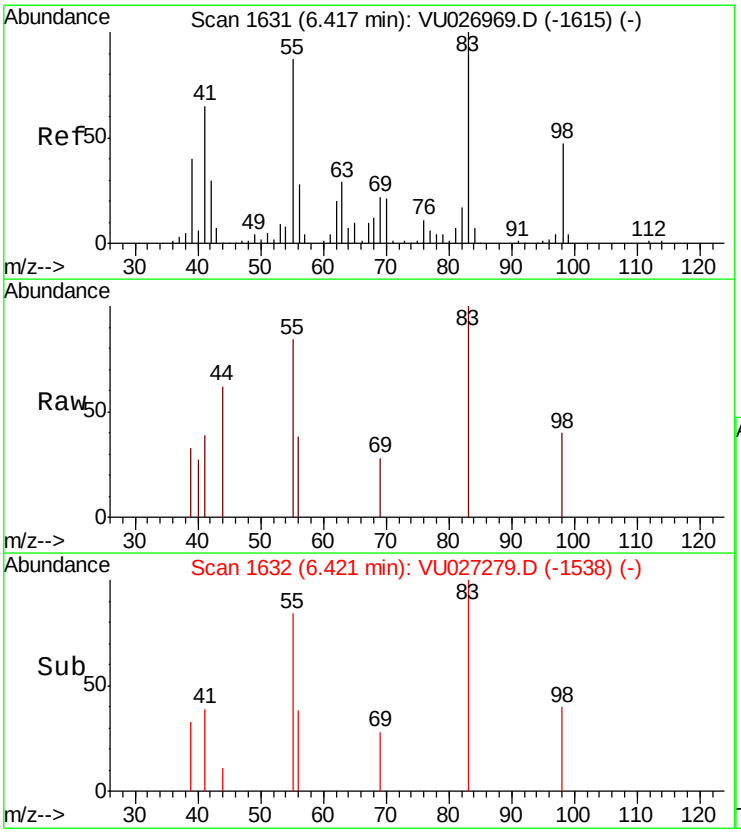
#38
Carbon Tetrachloride
Concen: 4.632 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.15 min
Lab File: VU027279.D
Acq: 28 Sep 2018 18:11

Instrument :
MSVOA_U
ClientSampleId :
B-12(TW-2)

Tgt Ion:117 Resp: 11961

Ion	Ratio	Lower	Upper
117	100		
119	5.3	74.4	111.6#
121	0.0	24.2	36.4#

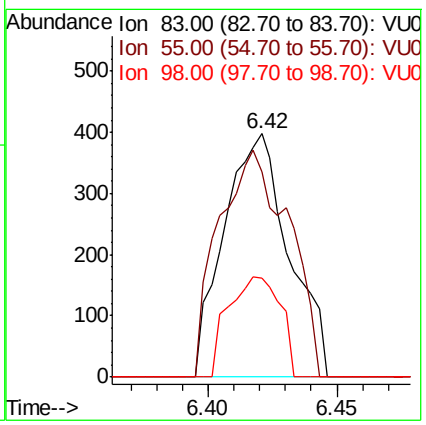


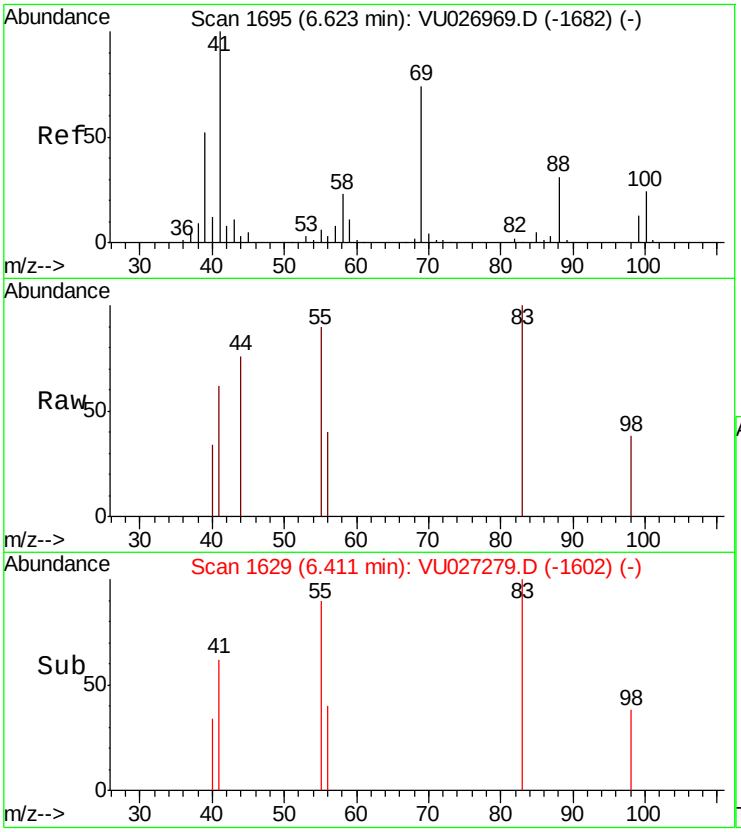


#39
Methylcyclohexane
Concen: 0.237 ug/l
RT: 6.42 min Scan# 1632
Delta R.T. 0.00 min
Lab File: VU027279.D
Acq: 28 Sep 2018 18:11

Tgt Ion: 83 Resp: 699

Ion	Ratio	Lower	Upper
83	100		
55	84.2	69.9	104.9
98	40.5	37.5	56.3



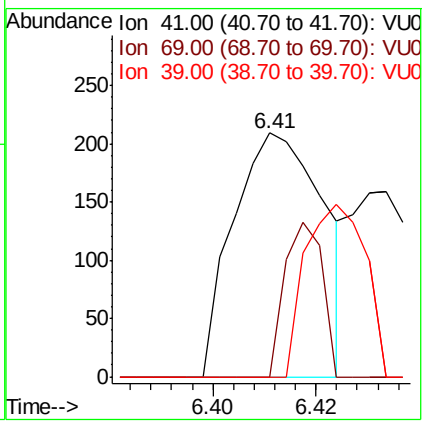


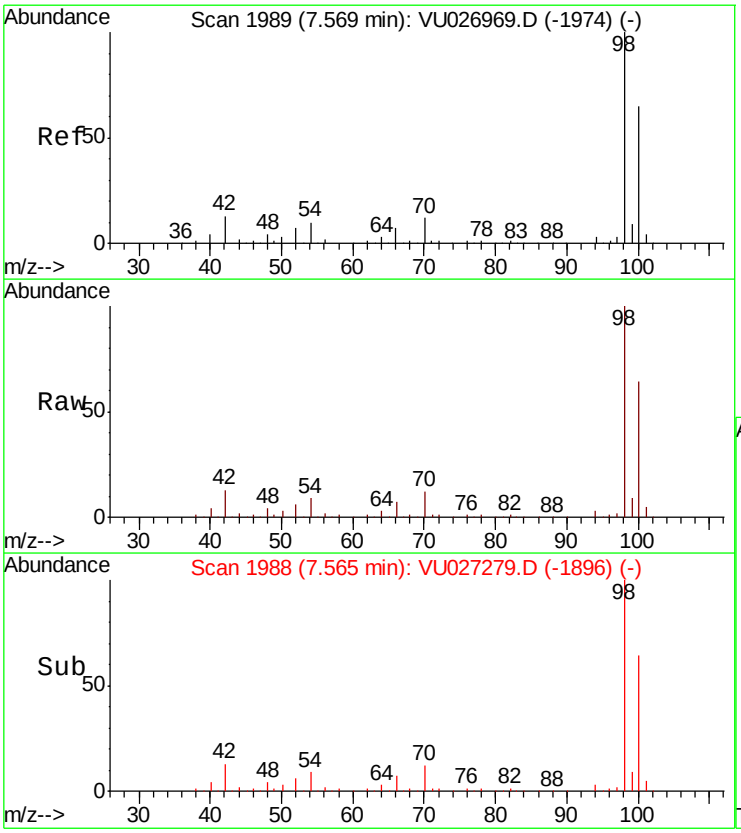
#48
Methyl methacrylate
Concen: 1.096 ug/l
RT: 6.41 min Scan# 1629
Delta R.T. -0.21 min
Lab File: VU027279.D
Acq: 28 Sep 2018 18:11

Instrument : MSVOA_U
ClientSampleId : B-12(TW-2)

Tgt Ion: 41 Resp: 252

Ion	Ratio	Lower	Upper
41	100		
69	26.6	60.6	90.8#
39	47.2	42.8	64.2

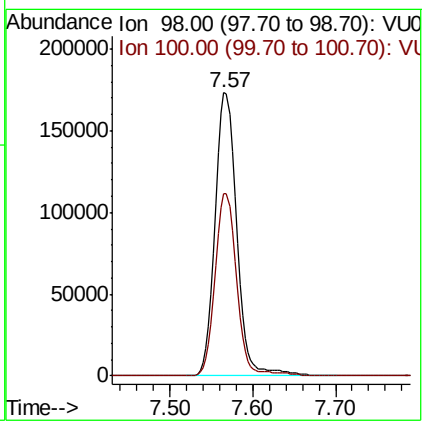


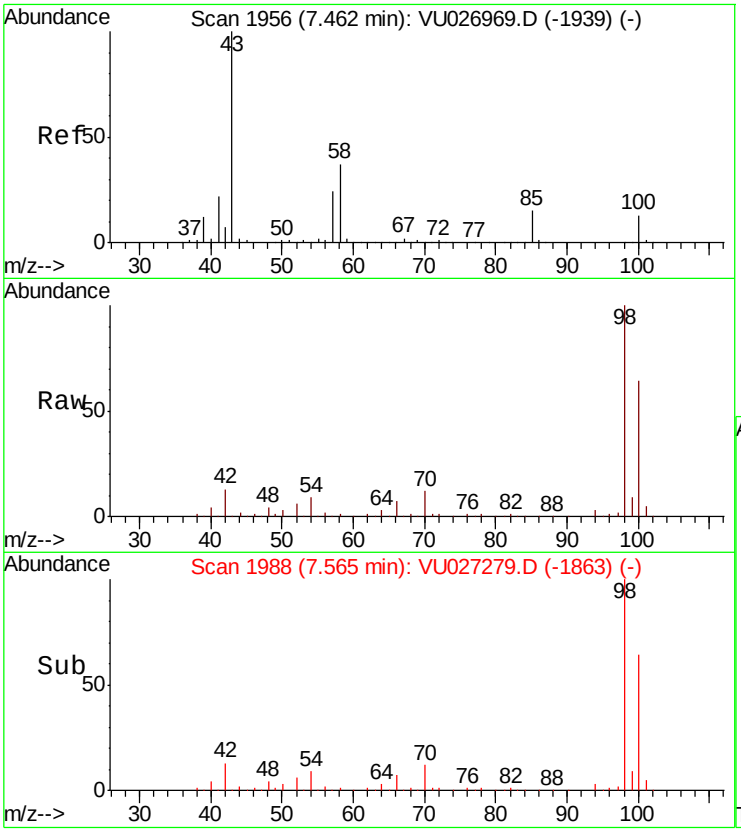


#50
Toluene-d8
Concen: 46.811 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU027279.D
Acq: 28 Sep 2018 18:11

Tgt Ion: 98 Resp: 314390

Ion	Ratio	Lower	Upper
98	100		
100	64.3	52.1	78.1



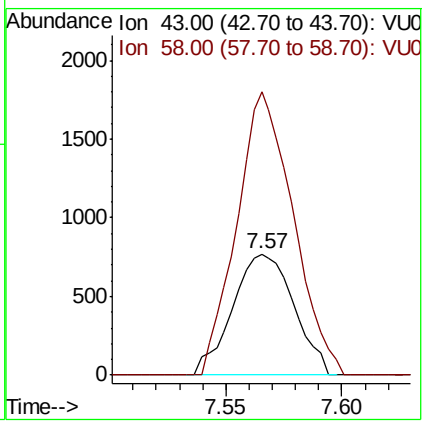


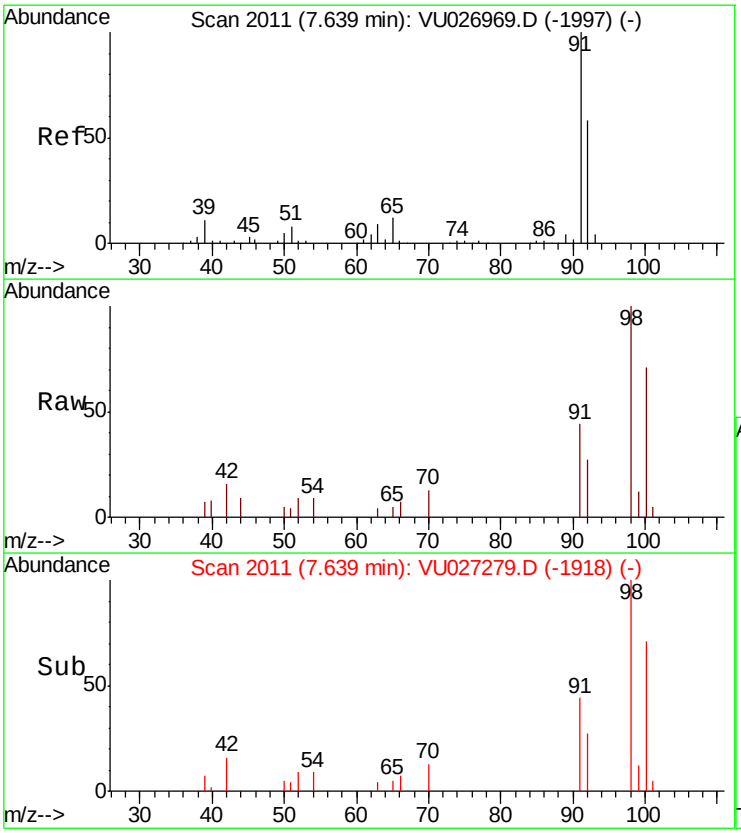
#51
4-Methyl-2-Pentanone
Concen: 0.392 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.10 min
Lab File: VU027279.D
Acq: 28 Sep 2018 18:11

Instrument : MSVOA_U
ClientSampleId : B-12(TW-2)

Tgt Ion: 43 Resp: 1413

Ion	Ratio	Lower	Upper
43	100		
58	215.4	29.8	44.6#

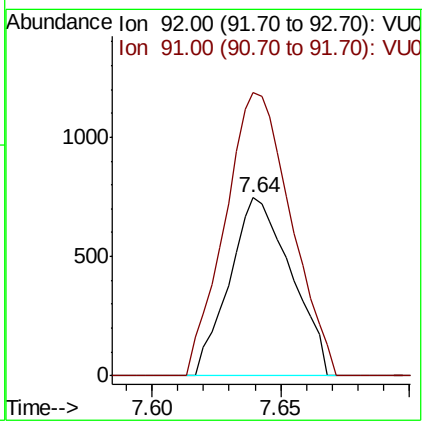


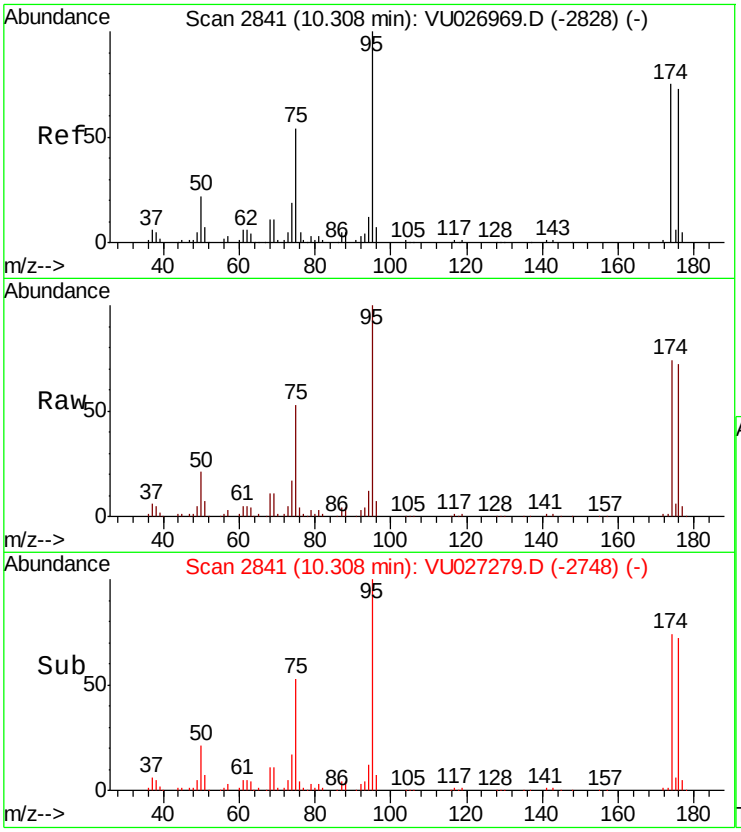


#52
Toluene
Concen: 0.263 ug/l
RT: 7.64 min Scan# 2011
Delta R.T. -0.00 min
Lab File: VU027279.D
Acq: 28 Sep 2018 18:11

Tgt Ion: 92 Resp: 1245

Ion	Ratio	Lower	Upper
92	100		
91	170.4	136.4	204.6



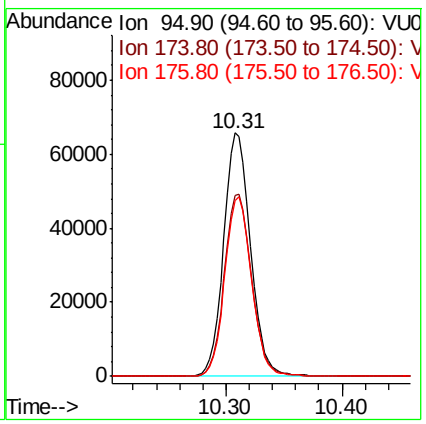


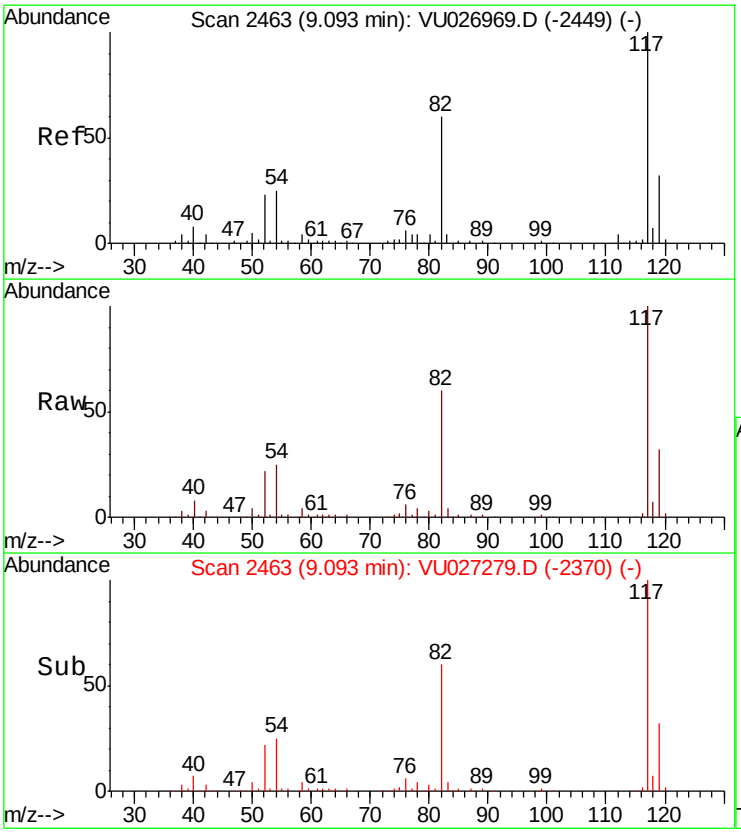
#62
4-Bromofluorobenzene
Concen: 45.764 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.00 min
Lab File: VU027279.D
Acq: 28 Sep 2018 18:11

Instrument : MSVOA_U
ClientSampleId : B-12(TW-2)

Tgt Ion: 95 Resp: 105465

Ion	Ratio	Lower	Upper
95	100		
174	75.8	0.0	150.2
176	73.5	0.0	145.2

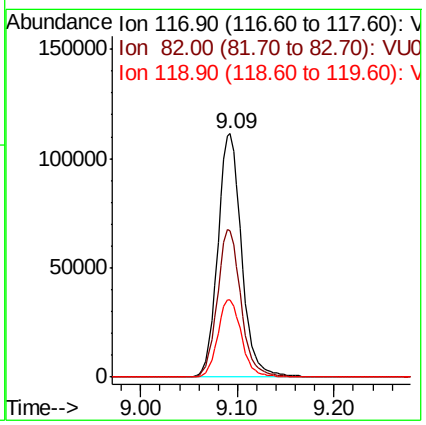


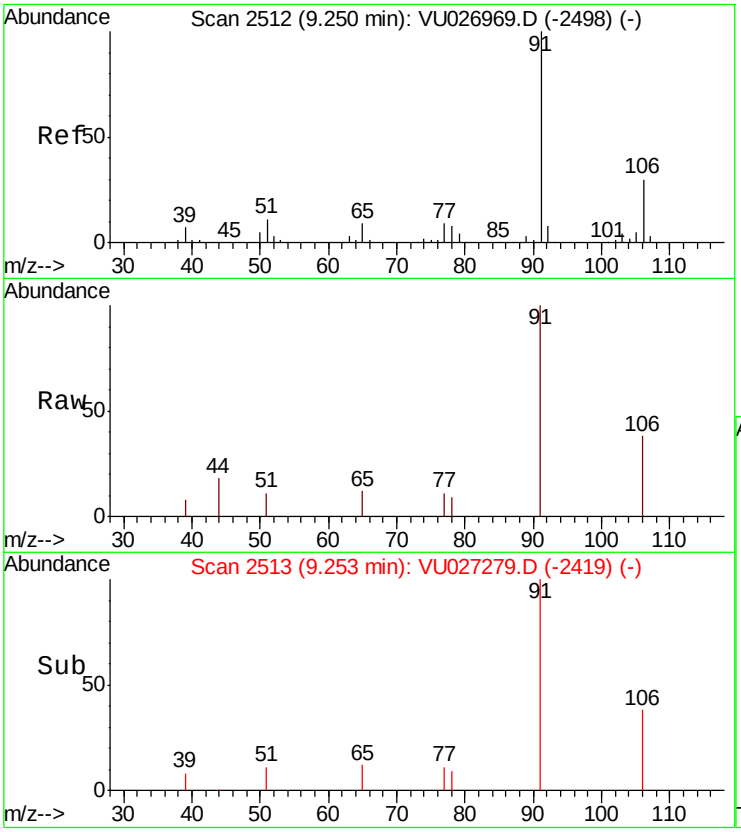


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. -0.00 min
Lab File: VU027279.D
Acq: 28 Sep 2018 18:11

Tgt Ion:117 Resp: 190056

Ion	Ratio	Lower	Upper
117	100		
82	59.9	48.0	72.0
119	31.6	25.8	38.8



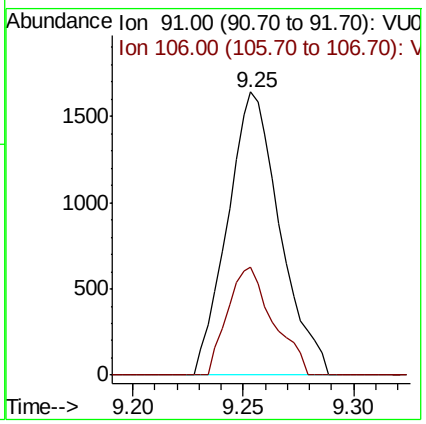


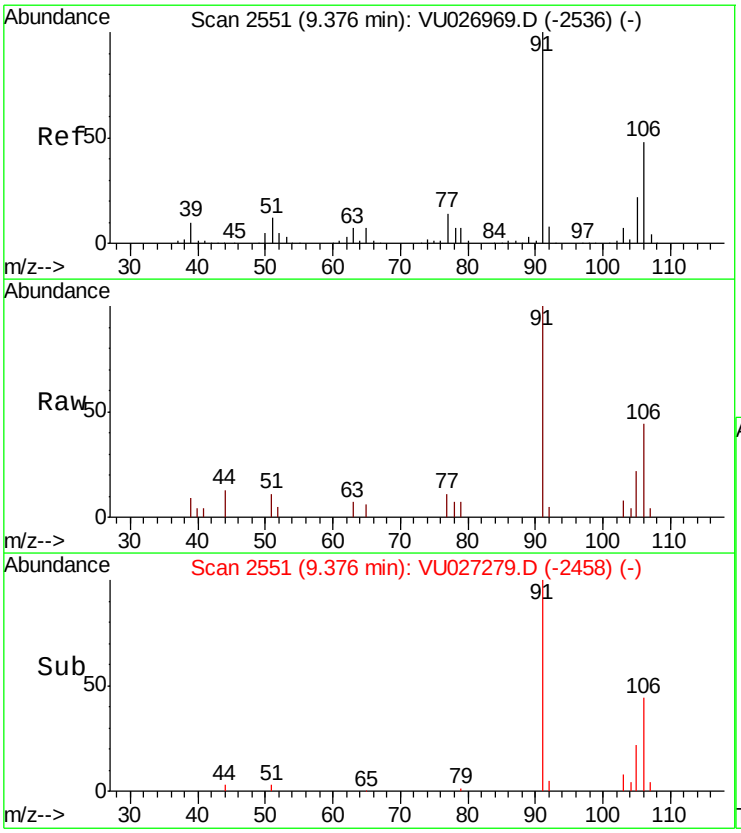
#67
Ethyl Benzene
Concen: 0.327 ug/l
RT: 9.25 min Scan# 2513
Delta R.T. 0.00 min
Lab File: VU027279.D
Acq: 28 Sep 2018 18:11

Instrument : MSVOA_U
ClientSampleId : B-12(TW-2)

Tgt Ion: 91 Resp: 2707

Ion	Ratio	Lower	Upper
91	100		
106	37.9	23.8	35.8#

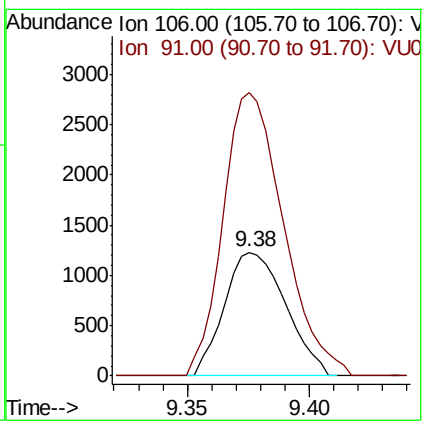


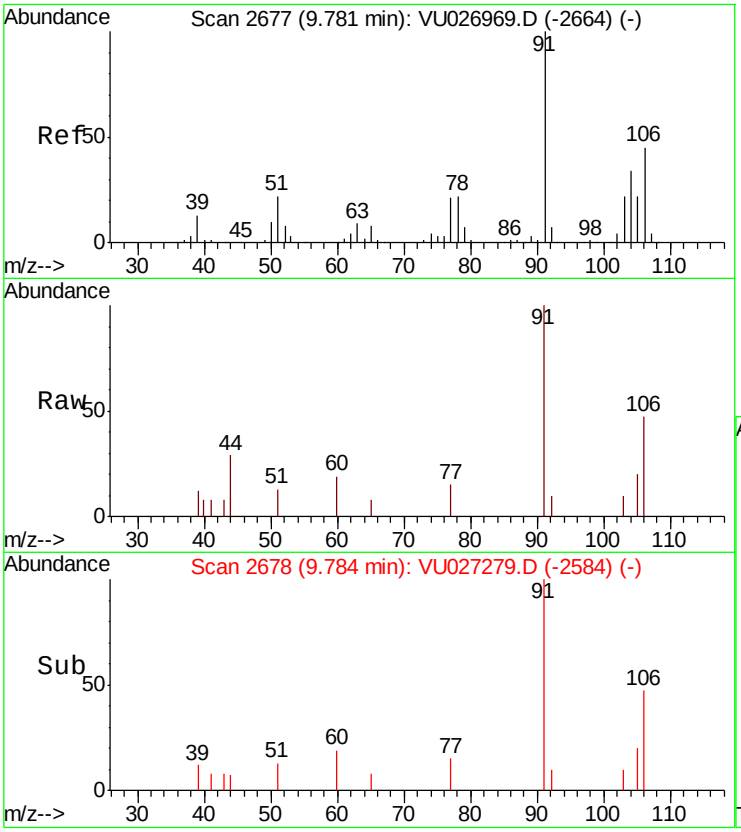


#68
m/p-Xylenes
Concen: 2.130 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU027279.D
Acq: 28 Sep 2018 18:11

Tgt Ion:106 Resp: 2144

Ion	Ratio	Lower	Upper
106	100		
91	226.3	166.5	249.7



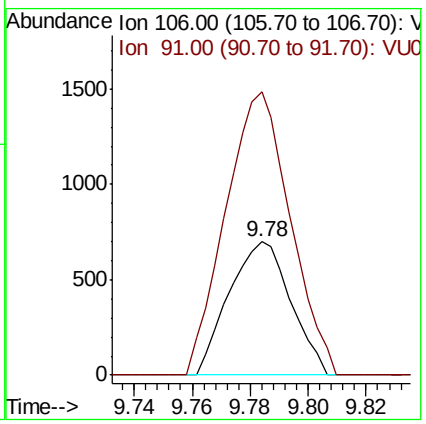


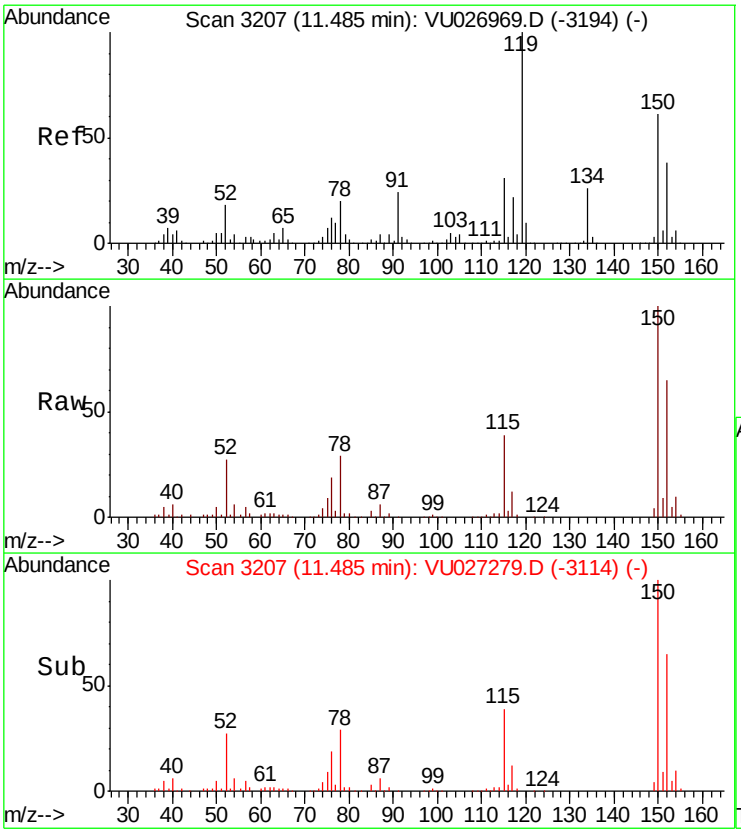
#69
o-Xylene
Concen: 0.351 ug/l
RT: 9.78 min Scan# 2678
Delta R.T. 0.00 min
Lab File: VU027279.D
Acq: 28 Sep 2018 18:11

Instrument :
MSVOA_U
ClientSampleId :
B-12(TW-2)

Tgt Ion:106 Resp: 1030

Ion	Ratio	Lower	Upper
106	100		
91	222.9	110.2	330.6

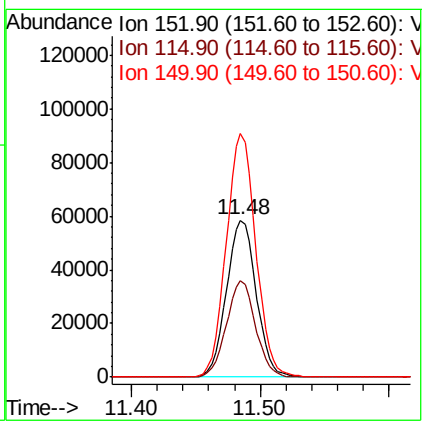


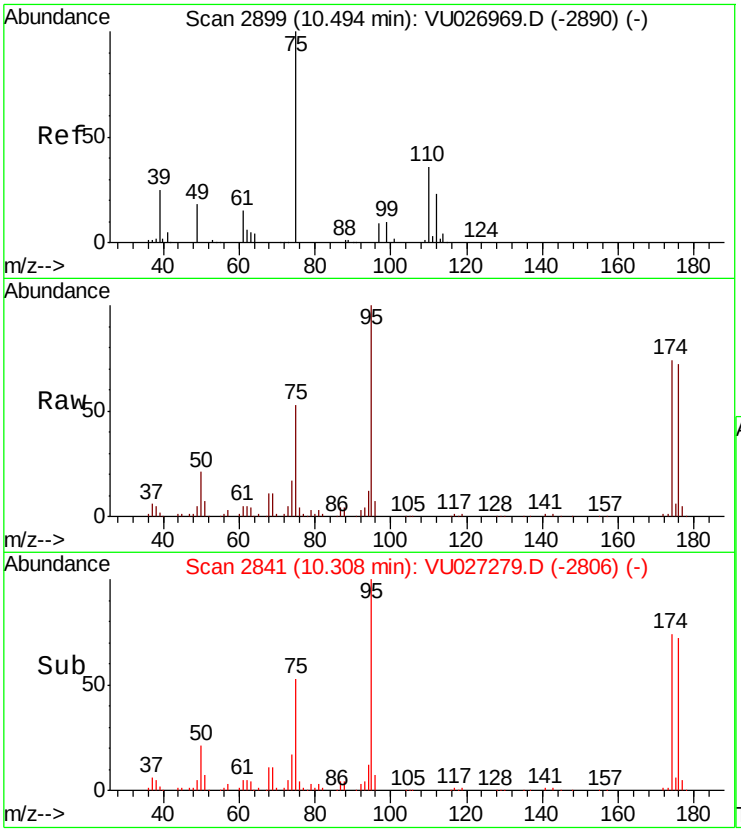


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. -0.00 min
Lab File: VU027279.D
Acq: 28 Sep 2018 18:11

Tgt Ion:152 Resp: 93599

Ion	Ratio	Lower	Upper
152	100		
115	60.1	44.9	134.5
150	153.6	0.0	355.8



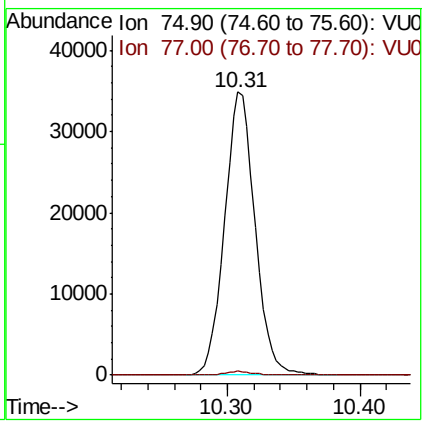


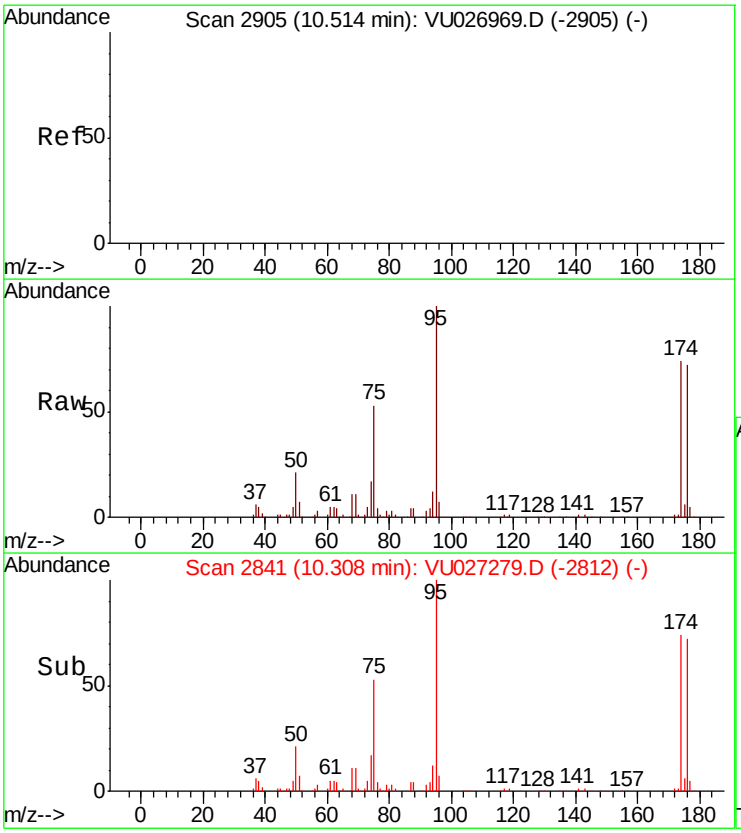
#76
1,2,3-Trichloropropane
Concen: 19.539 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.19 min
Lab File: VU027279.D
Acq: 28 Sep 2018 18:11

Instrument :
MSVOA_U
ClientSampleId :
B-12(TW-2)

Tgt Ion: 75 Resp: 55559

Ion	Ratio	Lower	Upper
75	100		
77	1.2	20.9	62.8#

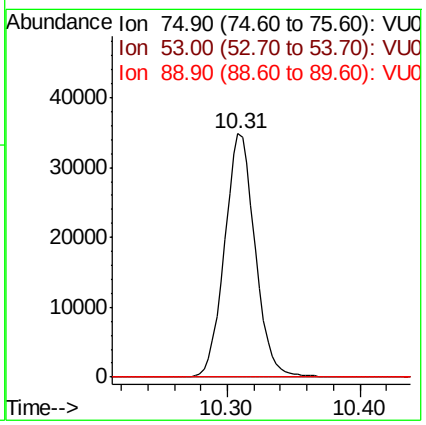


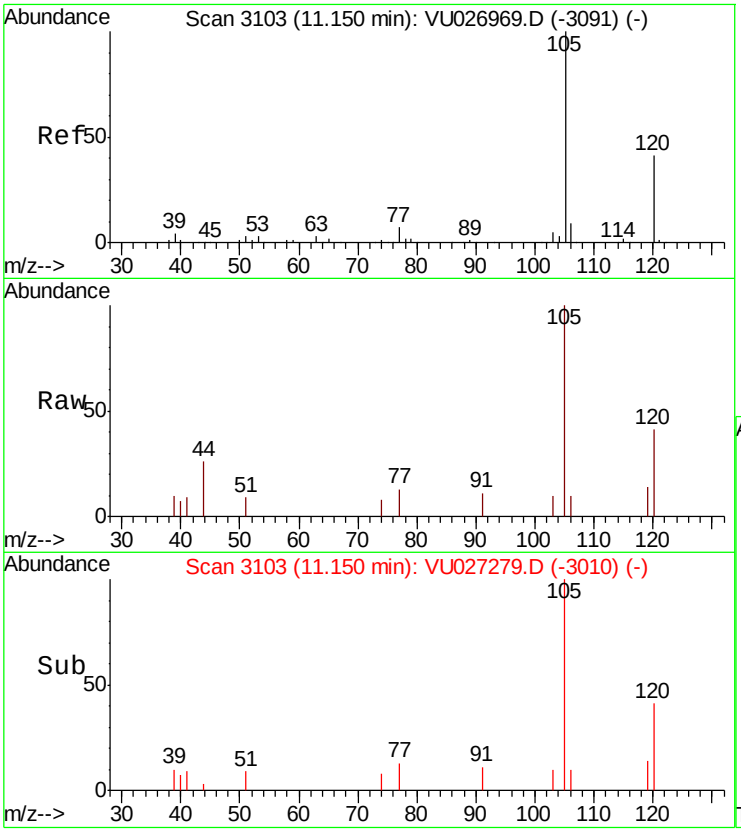


#81
trans-1,4-Dichloro-2-butene
Concen: 62.528 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.21 min
Lab File: VU027279.D
Acq: 28 Sep 2018 18:11

Tgt Ion: 75 Resp: 55559

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



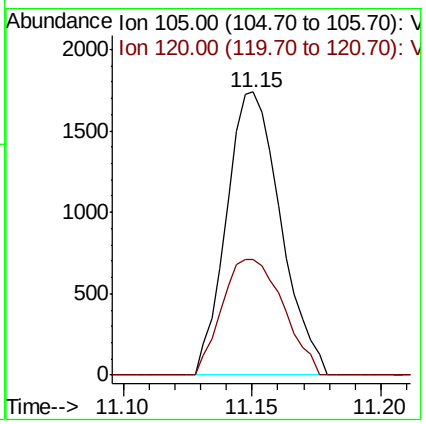


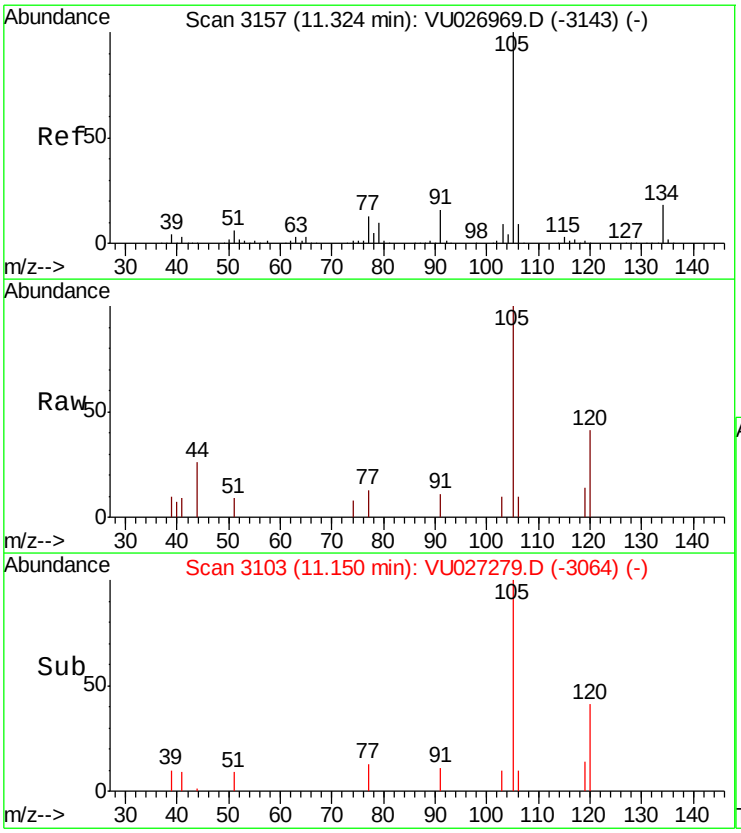
#84
1,2,4-Trimethylbenzene
Concen: 0.425 ug/l
RT: 11.15 min Scan# 3103
Delta R.T. -0.00 min
Lab File: VU027279.D
Acq: 28 Sep 2018 18:11

Instrument :
MSVOA_U
ClientSampleId :
B-12(TW-2)

Tgt Ion:105 Resp: 2541

Ion	Ratio	Lower	Upper
105	100		
120	46.2	22.4	67.2

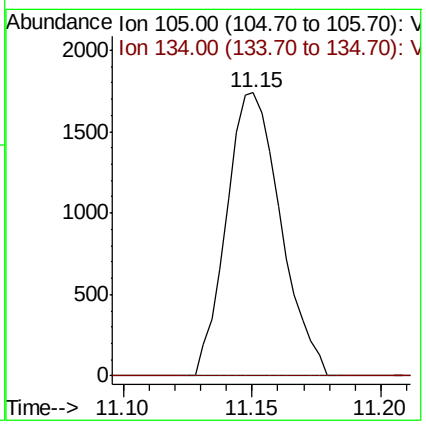


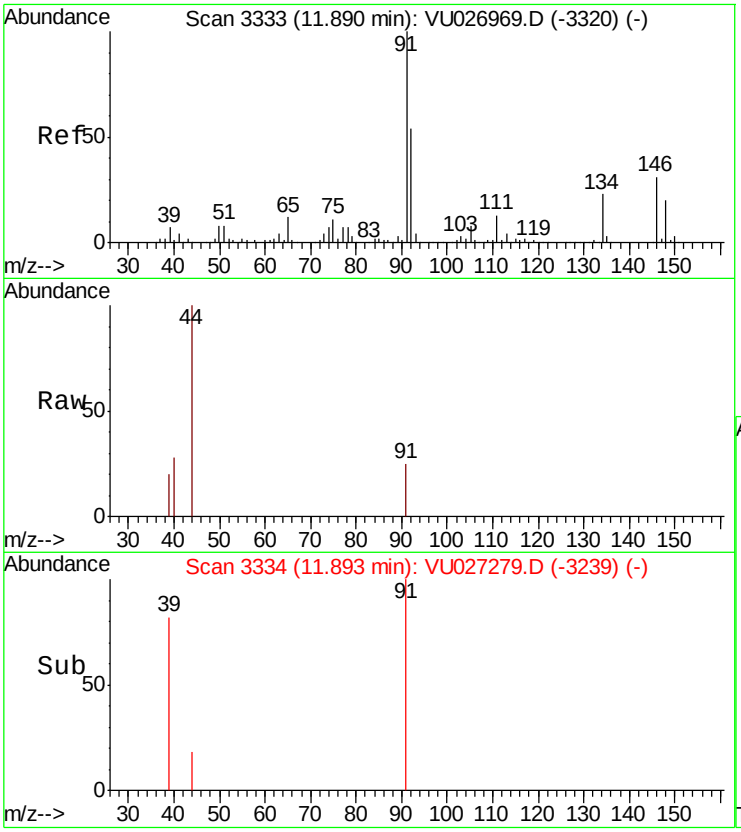


#85
sec-Butylbenzene
Concen: 0.358 ug/l
RT: 11.15 min Scan# 3103
Delta R.T. -0.17 min
Lab File: VU027279.D
Acq: 28 Sep 2018 18:11

Tgt Ion:105 Resp: 2541

Ion	Ratio	Lower	Upper
105	100		
134	0.0	9.4	28.2#



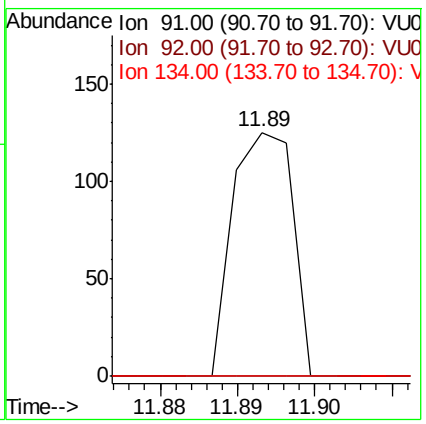


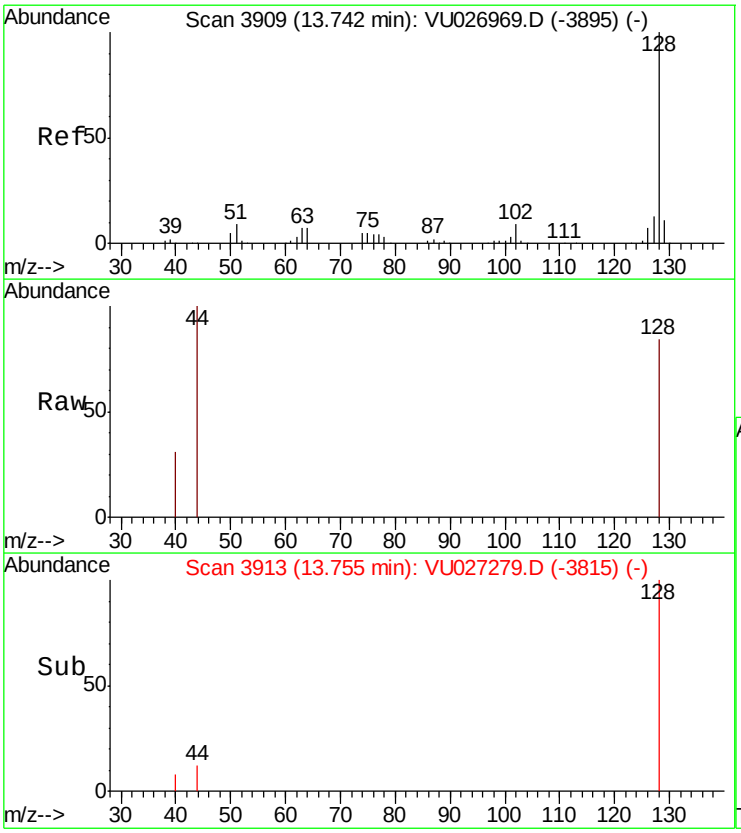
#89
n-Butylbenzene
Concen: 2.402 ug/l
RT: 11.89 min Scan# 3334
Delta R.T. 0.00 min
Lab File: VU027279.D
Acq: 28 Sep 2018 18:11

Instrument : MSVOA_U
ClientSampleId : B-12(TW-2)

Tgt Ion: 91 Resp: 68

Ion	Ratio	Lower	Upper
91	100		
92	0.0	27.1	81.2#
134	0.0	11.7	35.0#





#95
Naphthalene
Concen: 1.803 ug/l
RT: 13.75 min Scan# 3913
Delta R.T. 0.01 min
Lab File: VU027279.D
Acq: 28 Sep 2018 18:11

Tgt Ion:128 Resp: 914

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