Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100618\
Data File : VU027476.D
Acq On : 06 Oct 2018 00:12
Operator : MD/SY
Sample : J5268-02 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MW-8DL

Quant Time: Oct 06 02:22:26 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 02:04:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	4.99	168	106976	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	5.89	114	182141	50.00	ug/l		0.00
63) Chlorobenzene-d5	9.09	117	175469	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	100205	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.31	65	102794	57.55	ug/l		0.00
Spiked Amount 50.000			Recovery = 115.10%				
35) Dibromofluoromethane	4.89	113	72624	58.18	ug/l		0.00
Spiked Amount 50.000			Recovery = 116.36%				
50) Toluene-d8	7.57	98	280463	60.03	ug/l		0.00
Spiked Amount 50.000			Recovery = 120.06%				
62) 4-Bromofluorobenzene	10.31	95	104092	59.95	ug/l		0.00
Spiked Amount 50.000			Recovery = 119.90%				
Target Compounds							Qvalue
6) Chloroethane	1.60	64	1048	0.889	ug/l	#	54
13) Acrolein	2.30	56	110	0.348	ug/l	#	14
14) Allyl chloride	2.70	41	789	0.294	ug/l	#	70
16) Acetone	2.32	43	3309	3.136	ug/l		99
18) Methyl Acetate	2.71	43	2389	0.992	ug/l	#	56
20) Methylene Chloride	2.70	84	380	0.259	ug/l	#	80
25) 2-Butanone	4.29	43	1496	1.040	ug/l	#	54
31) Cyclohexane	5.00	56	9306	3.025	ug/l	#	81
36) 1,1-Dichloropropene	4.98	75	9787	4.949	ug/l	#	50
38) Carbon Tetrachloride	4.99	117	10943	6.126	ug/l	#	17
39) Methylcyclohexane	6.41	83	1738	0.752	ug/l		96
40) Benzene	5.40	78	2477	0.430	ug/l		93
51) 4-Methyl-2-Pentanone	7.57	43	1416	0.549	ug/l	#	1
52) Toluene	7.64	92	5951	1.745	ug/l		96
67) Ethyl Benzene	9.25	91	90579	13.842	ug/l		99
68) m/p-Xylenes	9.38	106	35840	14.973	ug/l		100
69) o-Xylene	9.78	106	23856	10.488	ug/l		100
70) Styrene	9.78	104	1337	2.599	ug/l	#	1
73) Isopropylbenzene	10.17	105	5699	0.783	ug/l		98
76) 1,2,3-Trichloropropane	10.31	75	55507	21.369	ug/l	#	37
78) n-propylbenzene	10.59	91	13994	1.600	ug/l		98
79) 2-Chlorotoluene	10.68	91	4250	0.805	ug/l	#	43
80) 1,3,5-Trimethylbenzene	10.77	105	6764	1.142	ug/l		99
81) trans-1,4-Dichloro-2-buten	10.31	75	55507	55.925	ug/l	#	100
83) tert-Butylbenzene	11.15	119	5331	0.931	ug/l	#	58
84) 1,2,4-Trimethylbenzene	11.15	105	43651	7.212	ug/l		99
85) sec-Butylbenzene	11.15	105	43651	6.048	ug/l	#	58
89) n-Butylbenzene	11.89	91	1165	2.120	ug/l	#	43
95) Naphthalene	13.75	128	26457	5.036	ug/l		99

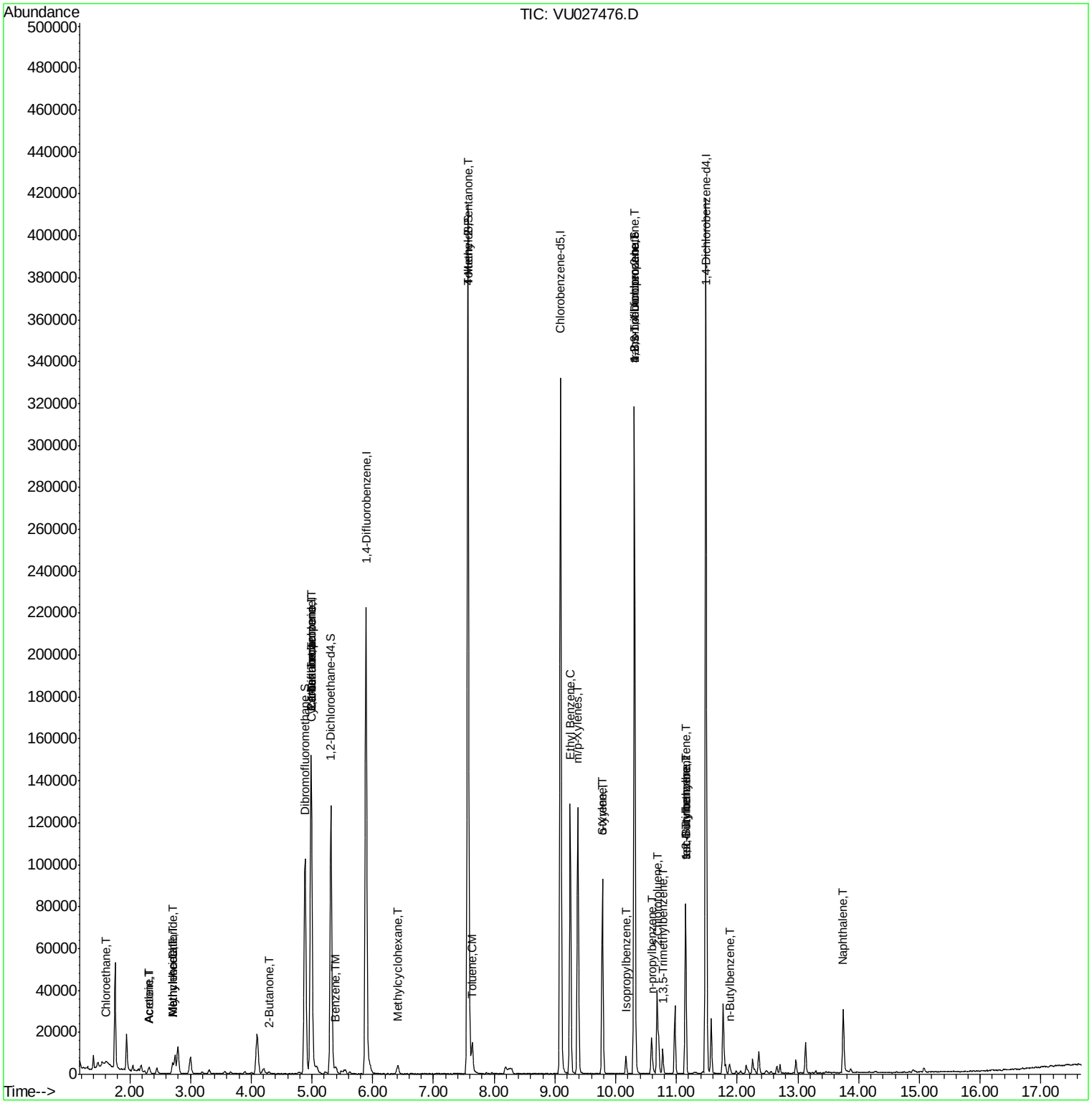
(#) = qualifier out of range (m) = manual integration (+) = signals summed

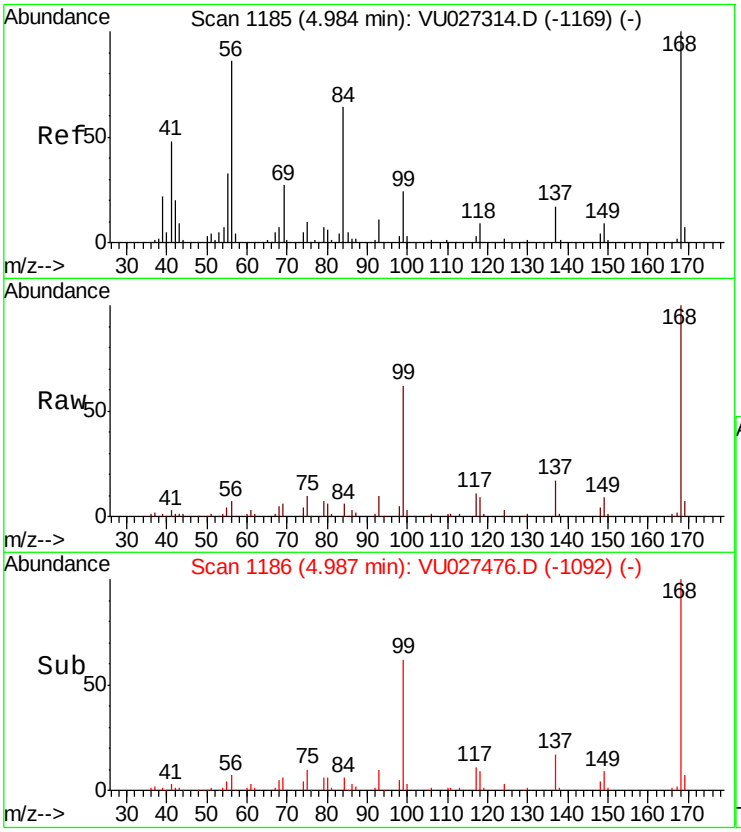
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100618\
Data File : VU027476.D
Acq On : 06 Oct 2018 00:12
Operator : MD/SY
Sample : J5268-02 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MW-8DL

Quant Time: Oct 06 02:22:26 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 02:04:34 2018
Response via : Initial Calibration



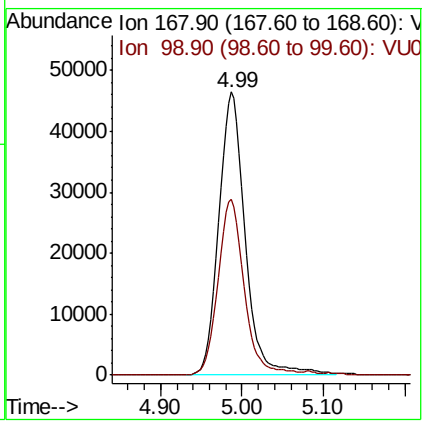


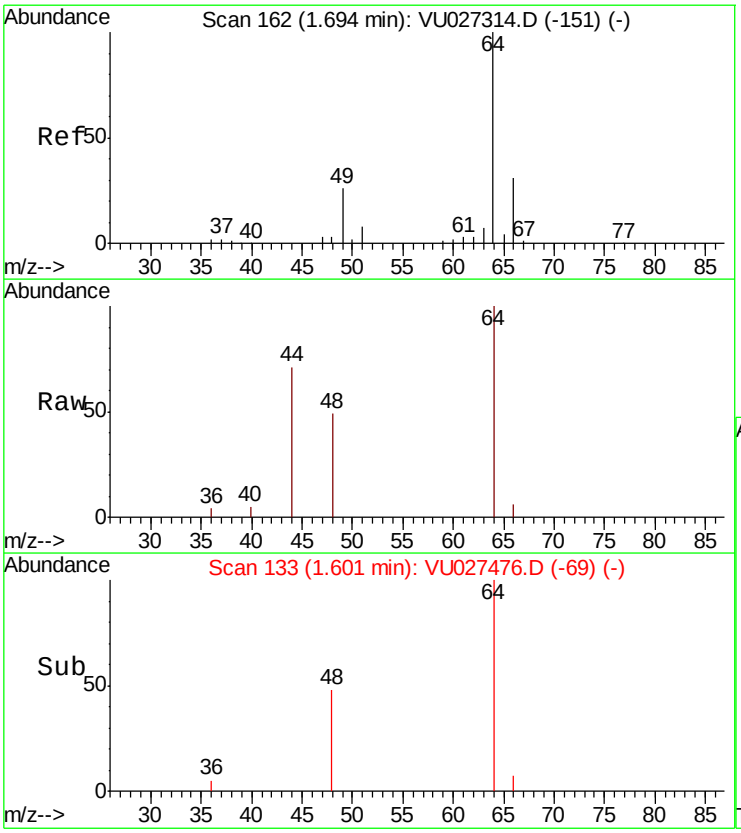
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. 0.00 min
Lab File: VU027476.D
Acq: 06 Oct 2018 00:12

Instrument :
MSVOA_U
ClientSampleId :
MW-8DL

Tgt Ion:168 Resp: 106976

Ion	Ratio	Lower	Upper
168	100		
99	62.0	50.8	76.2

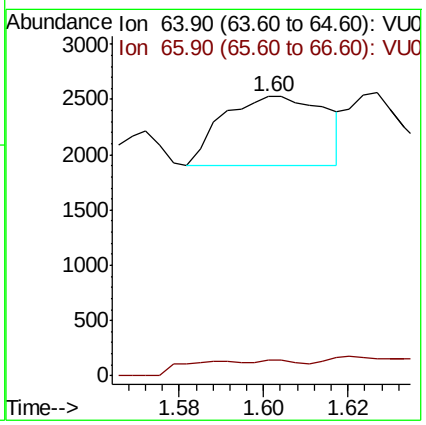


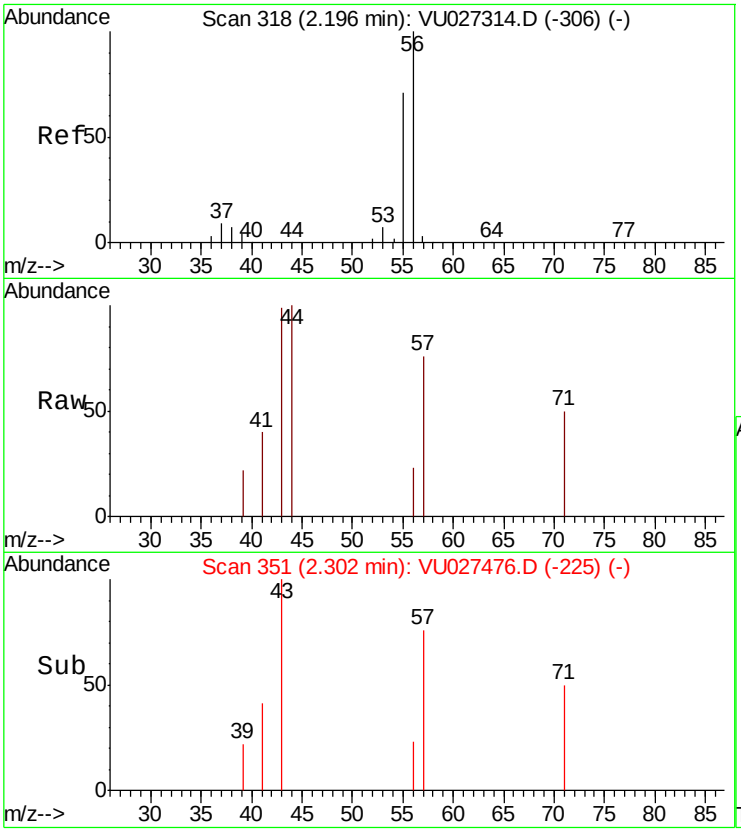


#6
Chloroethane
Concen: 0.889 ug/l
RT: 1.60 min Scan# 133
Delta R.T. -0.09 min
Lab File: VU027476.D
Acq: 06 Oct 2018 00:12

Tgt Ion: 64 Resp: 1048

Ion	Ratio	Lower	Upper
64	100		
66	5.3	24.6	36.8#



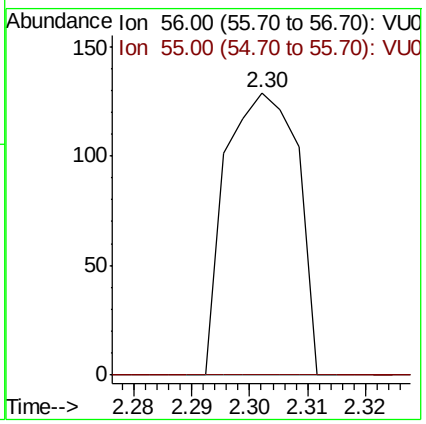


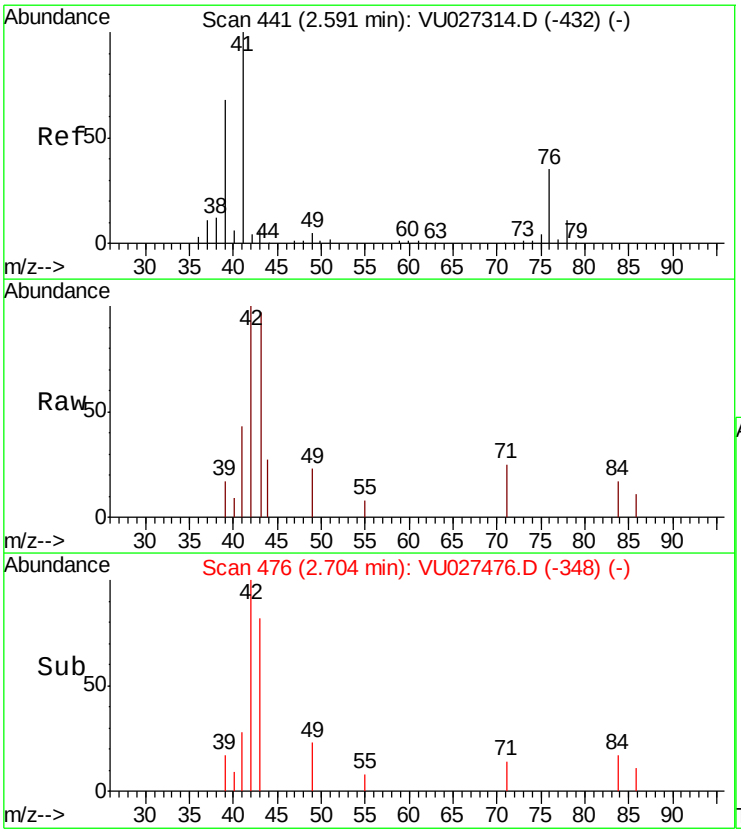
#13
Acrolein
Concen: 0.348 ug/l
RT: 2.30 min Scan# 351
Delta R.T. 0.11 min
Lab File: VU027476.D
Acq: 06 Oct 2018 00:12

Instrument : MSVOA_U
ClientSampleId : MW-8DL

Tgt Ion: 56 Resp: 110

Ion	Ratio	Lower	Upper
56	100		
55	0.0	57.7	86.5#

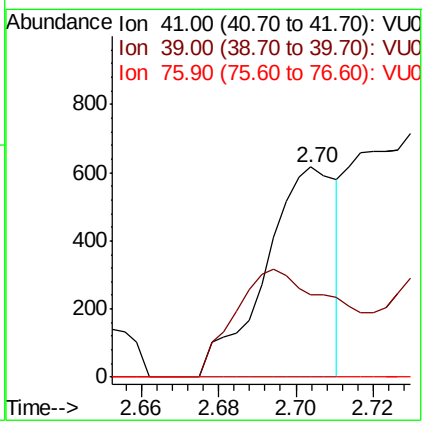


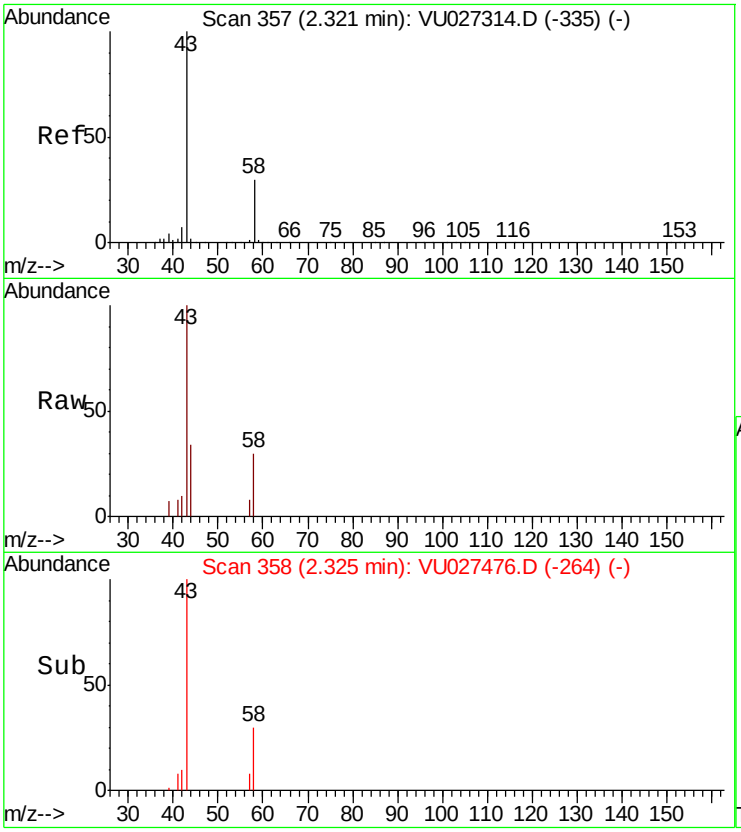


#14
Allyl chloride
Concen: 0.294 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.11 min
Lab File: VU027476.D
Acq: 06 Oct 2018 00:12

Tgt Ion: 41 Resp: 789

Ion	Ratio	Lower	Upper
41	100		
39	77.4	51.8	77.8
76	0.0	25.9	38.9#



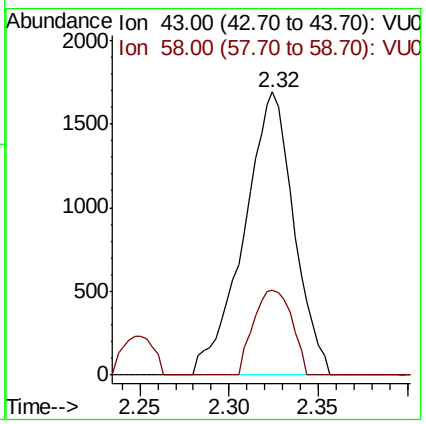


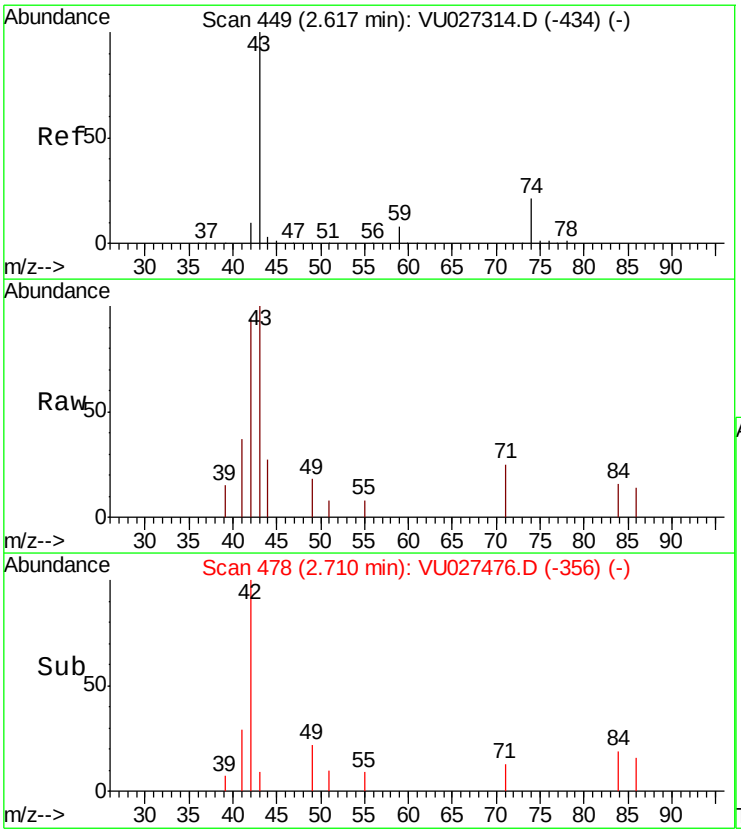
#16
Acetone
Concen: 3.136 ug/l
RT: 2.32 min Scan# 358
Delta R.T. 0.00 min
Lab File: VU027476.D
Acq: 06 Oct 2018 00:12

Instrument :
MSVOA_U
ClientSampleId :
MW-8DL

Tgt Ion: 43 Resp: 3309

Ion	Ratio	Lower	Upper
43	100		
58	30.0	24.2	36.4

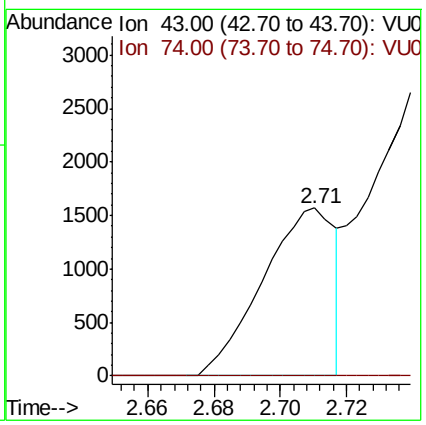


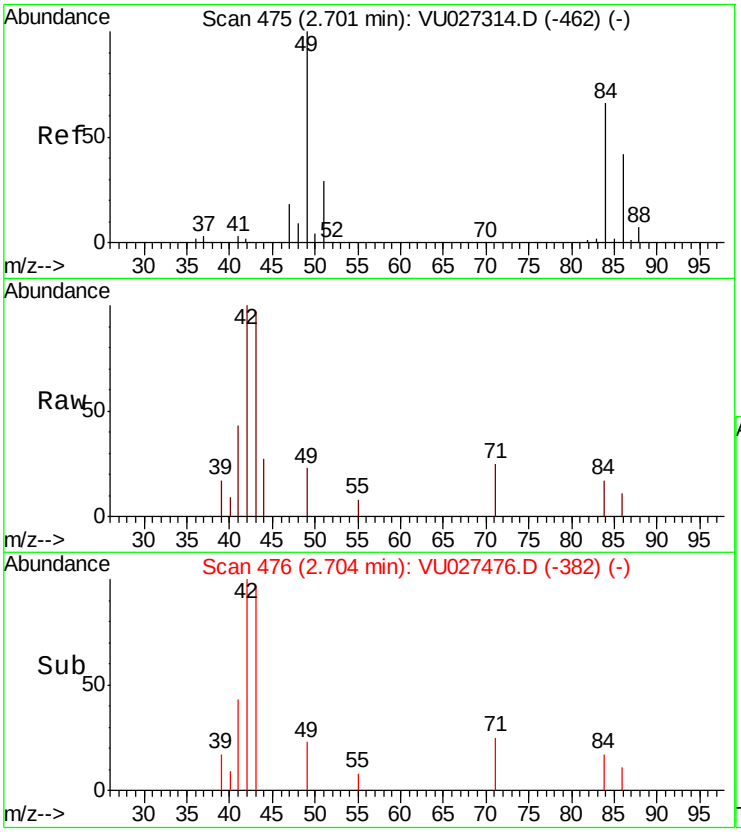


#18
Methyl Acetate
Concen: 0.992 ug/l
RT: 2.71 min Scan# 478
Delta R.T. 0.09 min
Lab File: VU027476.D
Acq: 06 Oct 2018 00:12

Tgt Ion: 43 Resp: 2389

Ion	Ratio	Lower	Upper
43	100		
74	0.0	16.5	24.7#



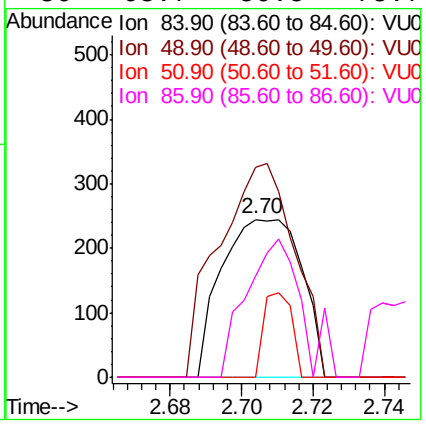


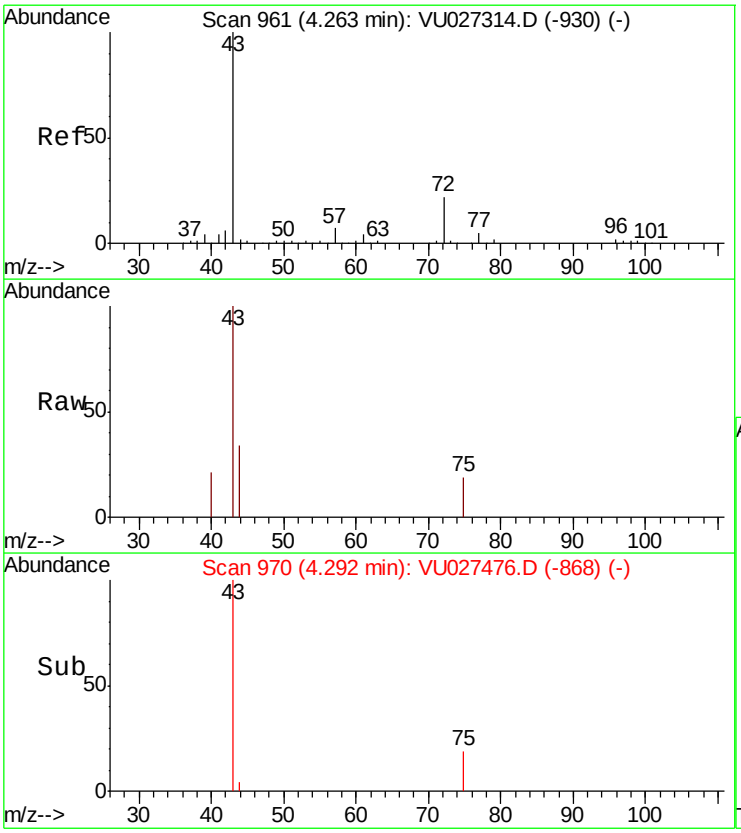
#20
Methylene Chloride
Concen: 0.259 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU027476.D
Acq: 06 Oct 2018 00:12

Instrument : MSVOA_U
ClientSampleId : MW-8DL

Tgt Ion: 84 Resp: 380

Ion	Ratio	Lower	Upper
84	100		
49	133.1	120.5	180.7
51	0.0	35.1	52.7#
86	63.7	50.5	75.7

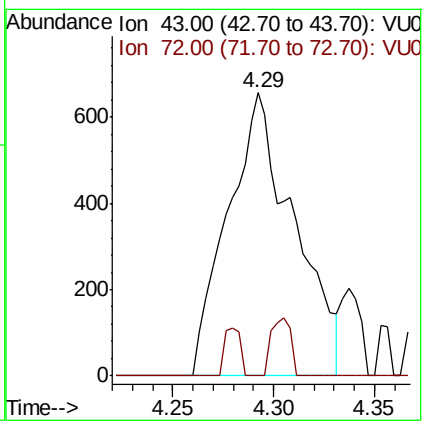


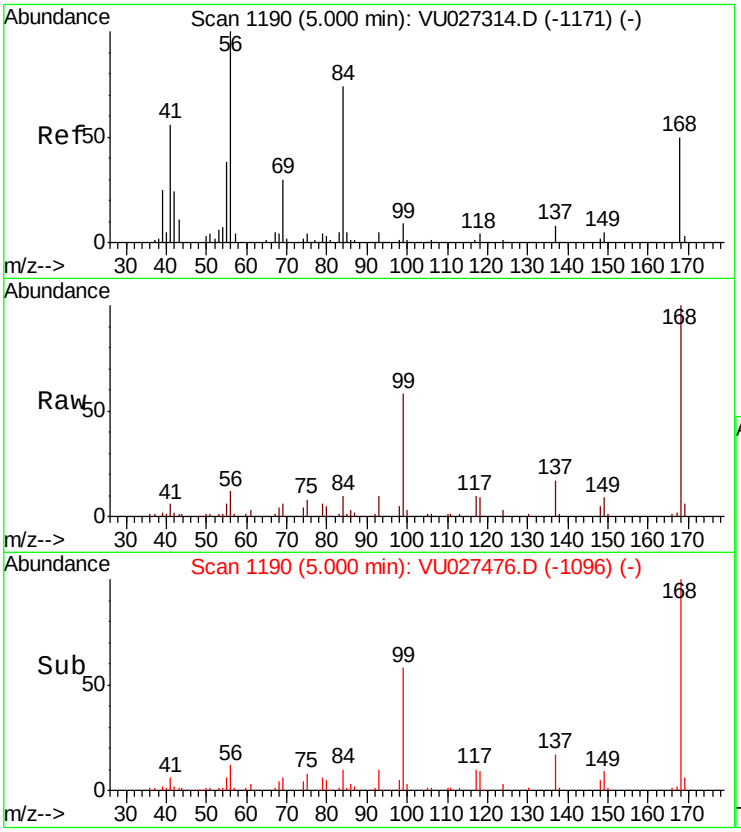


#25
2-Butanone
Concen: 1.040 ug/l
RT: 4.29 min Scan# 970
Delta R.T. 0.03 min
Lab File: VU027476.D
Acq: 06 Oct 2018 00:12

Tgt Ion: 43 Resp: 1496

Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.8	26.6#



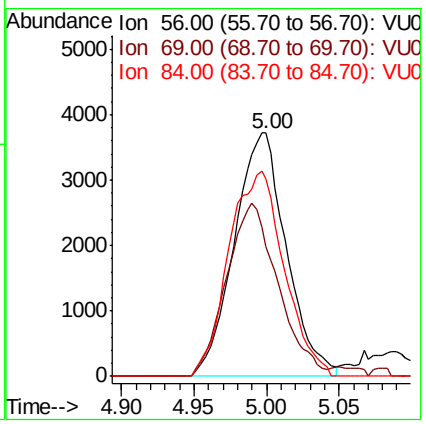


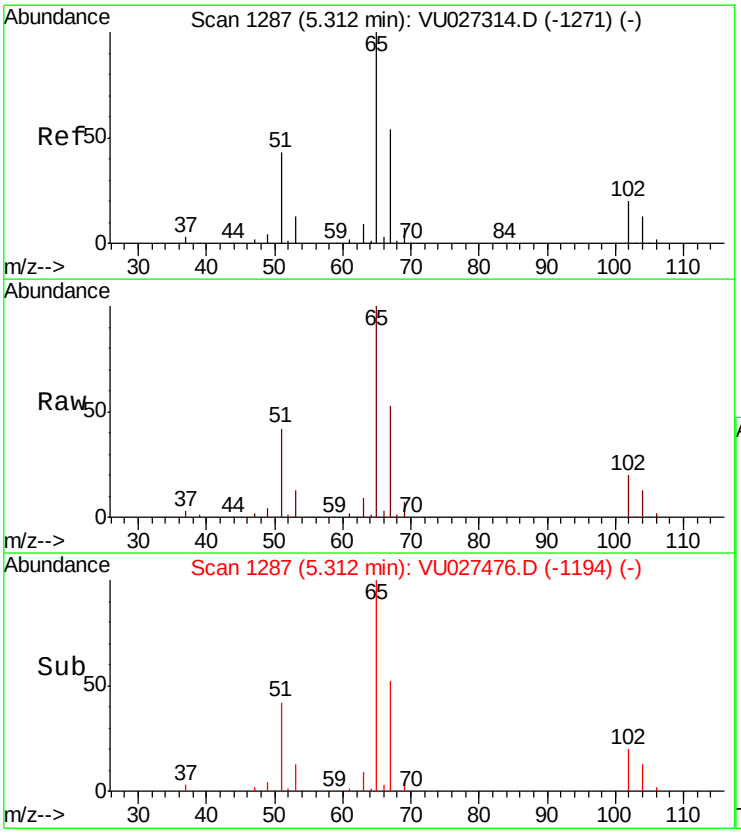
#31
Cyclohexane
Concen: 3.025 ug/l
RT: 5.00 min Scan# 1190
Delta R.T. 0.00 min
Lab File: VU027476.D
Acq: 06 Oct 2018 00:12

Instrument : MSVOA_U
ClientSampleId : MW-8DL

Tgt Ion: 56 Resp: 9306

Ion	Ratio	Lower	Upper
56	100		
69	53.1	24.1	36.1#
84	81.4	59.1	88.7

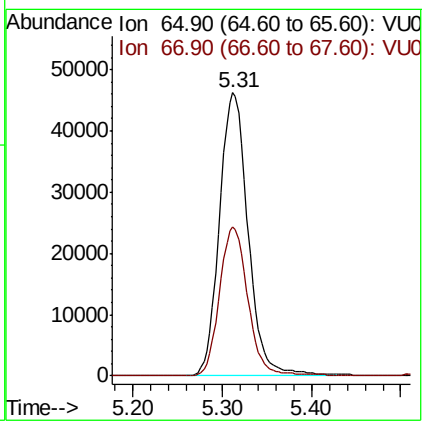


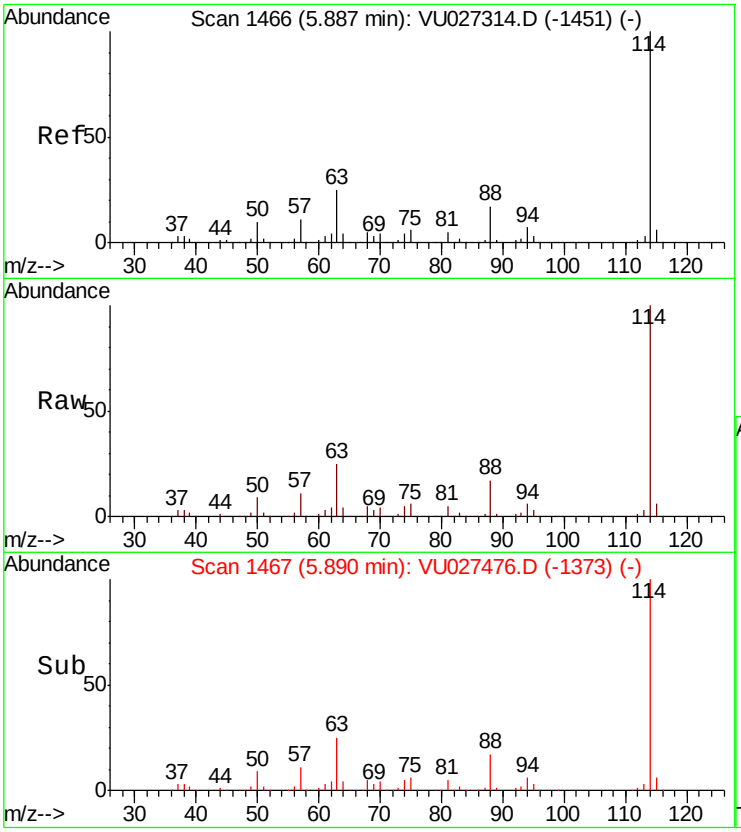


#33
1,2-Dichloroethane-d4
Concen: 57.545 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. 0.00 min
Lab File: VU027476.D
Acq: 06 Oct 2018 00:12

Tgt Ion: 65 Resp: 102794

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	107.8



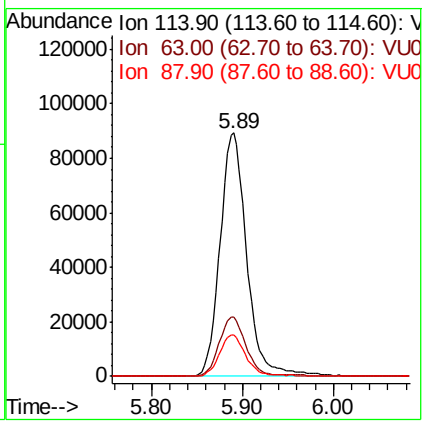


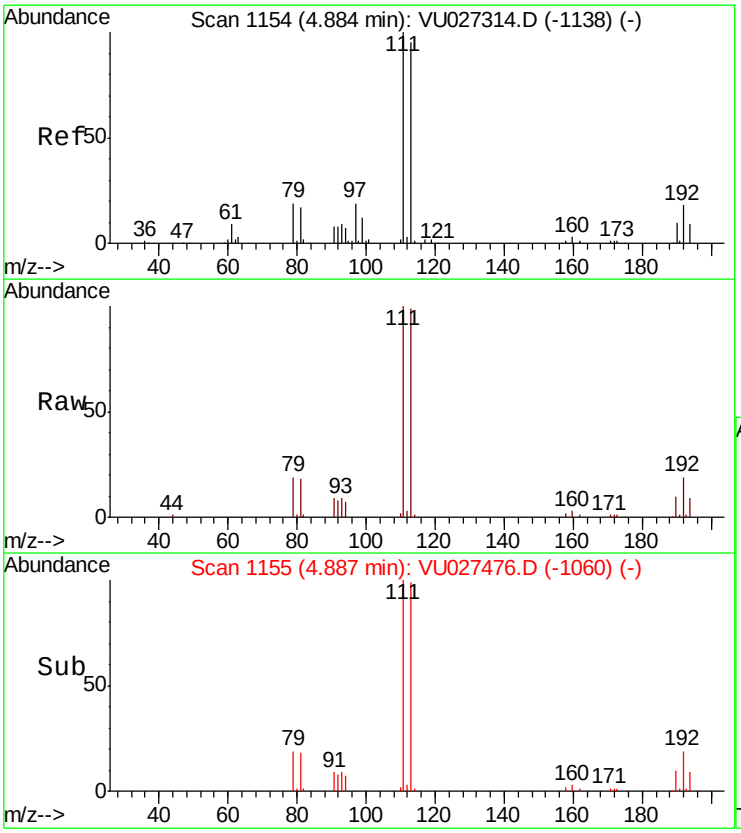
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.89 min Scan# 1467
Delta R.T. 0.00 min
Lab File: VU027476.D
Acq: 06 Oct 2018 00:12

Instrument :
MSVOA_U
ClientSampleId :
MW-8DL

Tgt Ion:114 Resp: 182141

Ion	Ratio	Lower	Upper
114	100		
63	24.6	0.0	50.2
88	16.9	0.0	33.8

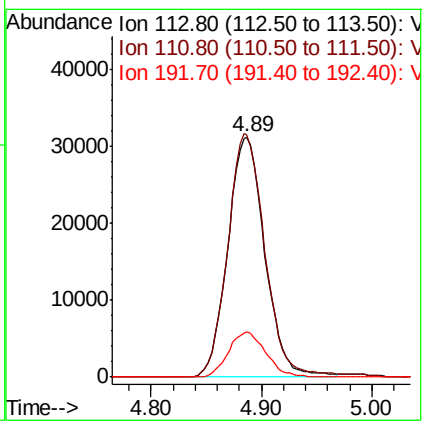


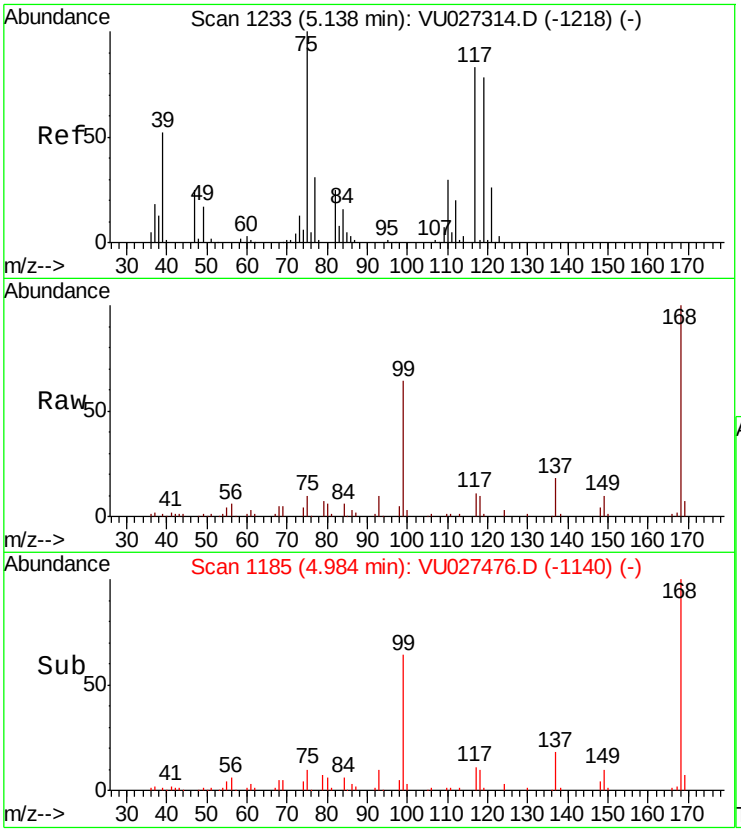


#35
Dibromofluoromethane
Concen: 58.180 ug/l
RT: 4.89 min Scan# 1155
Delta R.T. 0.00 min
Lab File: VU027476.D
Acq: 06 Oct 2018 00:12

Tgt Ion:113 Resp: 72624

Ion	Ratio	Lower	Upper
113	100		
111	102.0	83.1	124.7
192	18.9	15.4	23.0



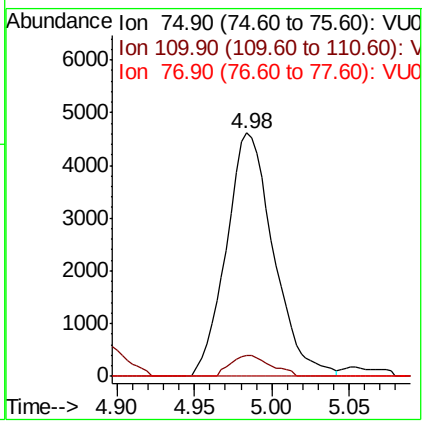


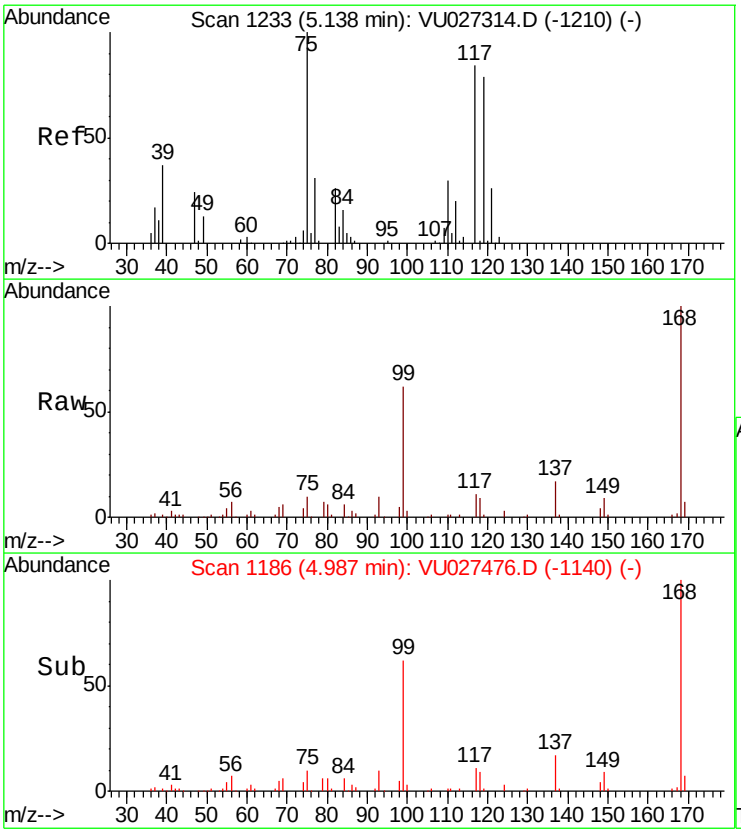
#36
1,1-Dichloropropene
Concen: 4.949 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.15 min
Lab File: VU027476.D
Acq: 06 Oct 2018 00:12

Instrument :
MSVOA_U
ClientSampleId :
MW-8DL

Tgt Ion: 75 Resp: 9787

Ion	Ratio	Lower	Upper
75	100		
110	7.3	15.5	46.5#
77	0.0	25.4	38.0#

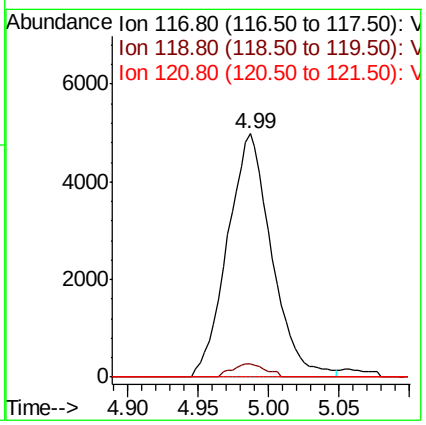


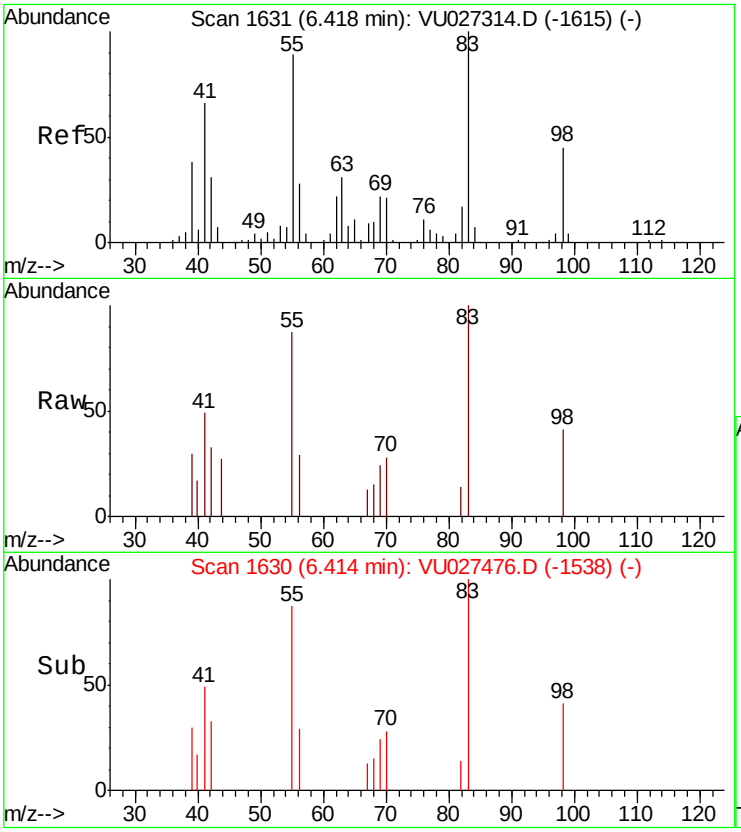


#38
Carbon Tetrachloride
Concen: 6.126 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.15 min
Lab File: VU027476.D
Acq: 06 Oct 2018 00:12

Tgt Ion:117 Resp: 10943

Ion	Ratio	Lower	Upper
117	100		
119	5.2	74.5	111.7#
121	0.0	24.6	37.0#



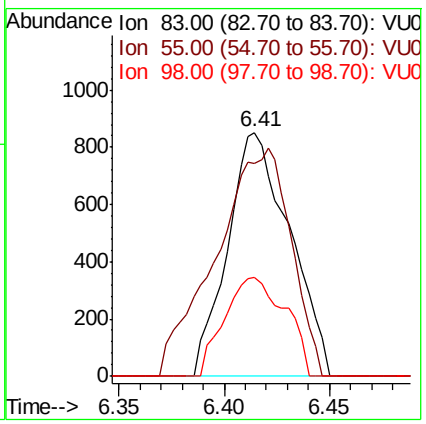


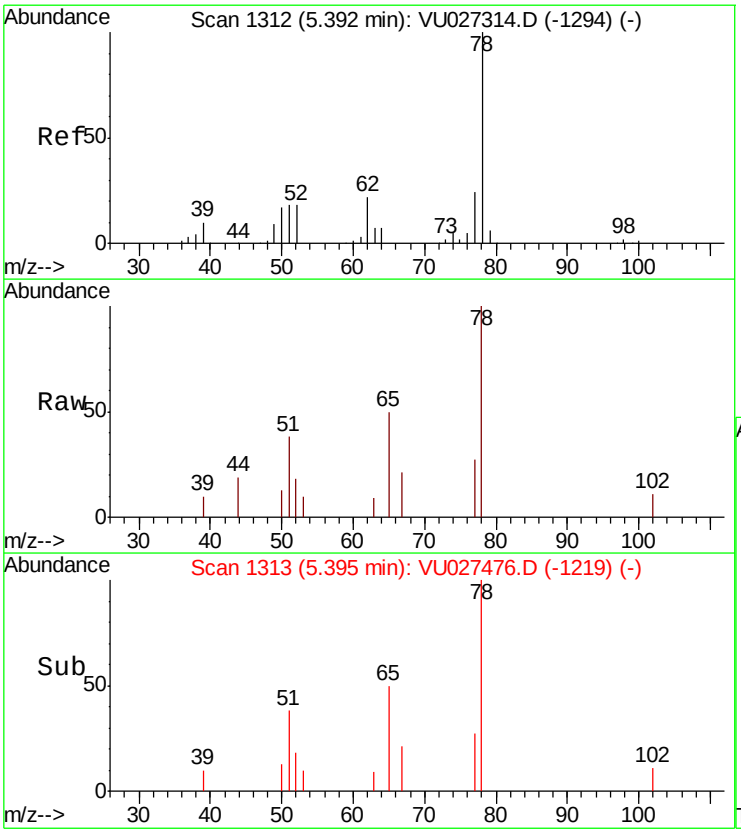
#39
Methylcyclohexane
Concen: 0.752 ug/l
RT: 6.41 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VU027476.D
Acq: 06 Oct 2018 00:12

Instrument :
MSVOA_U
ClientSampleId :
MW-8DL

Tgt Ion: 83 Resp: 1738

Ion	Ratio	Lower	Upper
83	100		
55	87.2	71.1	106.7
98	40.5	36.3	54.5

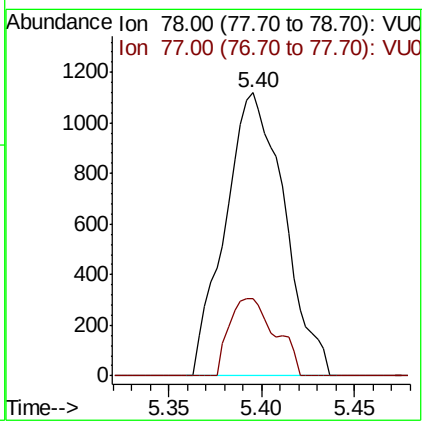


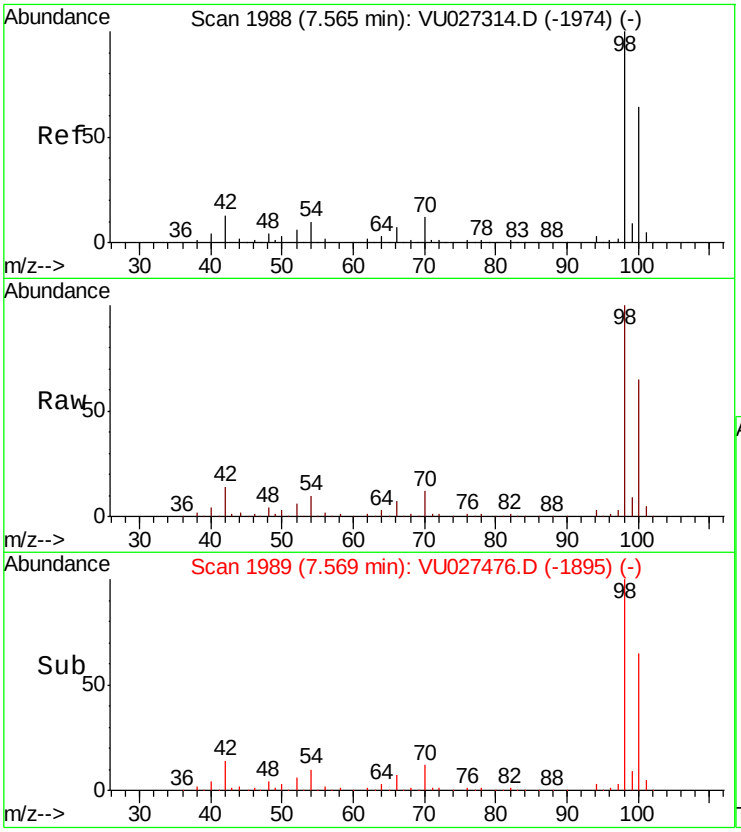


#40
Benzene
Concen: 0.430 ug/l
RT: 5.40 min Scan# 1313
Delta R.T. 0.00 min
Lab File: VU027476.D
Acq: 06 Oct 2018 00:12

Tgt Ion: 78 Resp: 2477

Ion	Ratio	Lower	Upper
78	100		
77	27.4	19.3	28.9



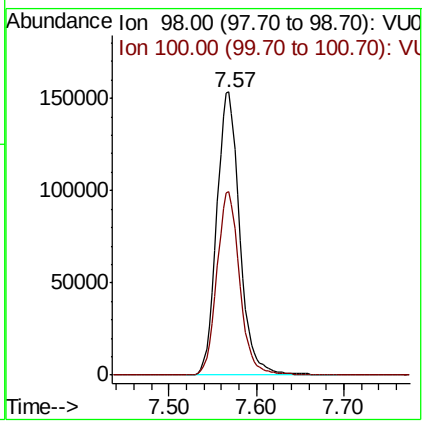


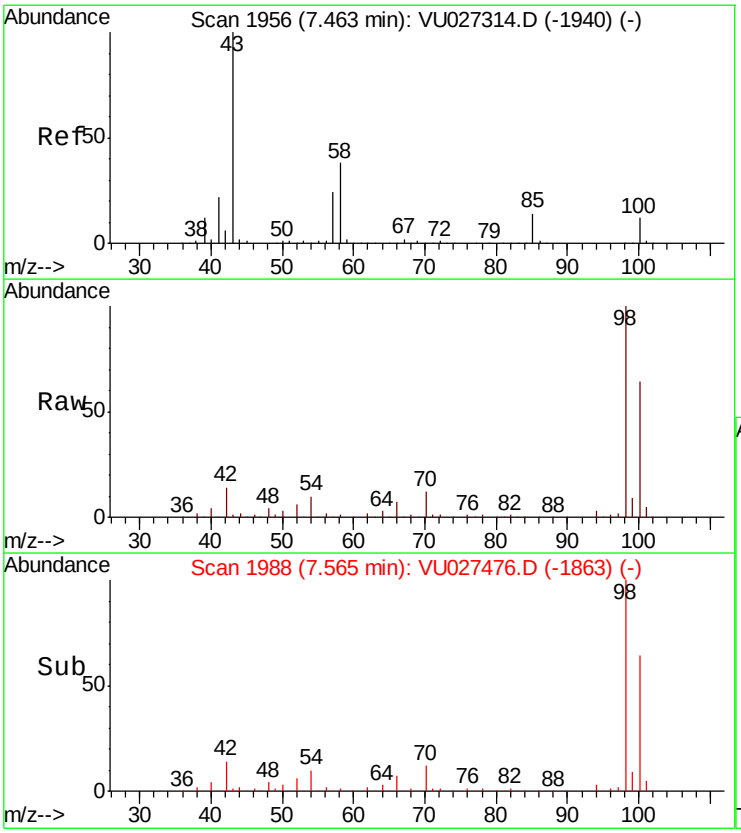
#50
Toluene-d8
Concen: 60.032 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VU027476.D
Acq: 06 Oct 2018 00:12

Instrument :
MSVOA_U
ClientSampleId :
MW-8DL

Tgt Ion: 98 Resp: 280463

Ion	Ratio	Lower	Upper
98	100		
100	64.3	52.1	78.1

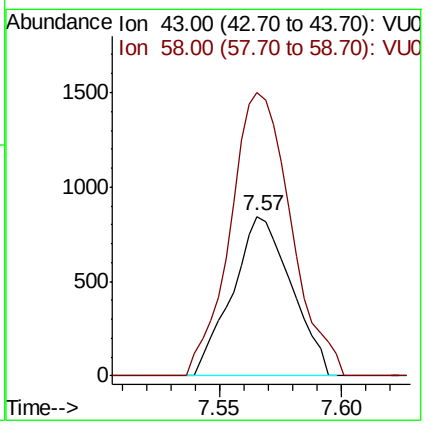


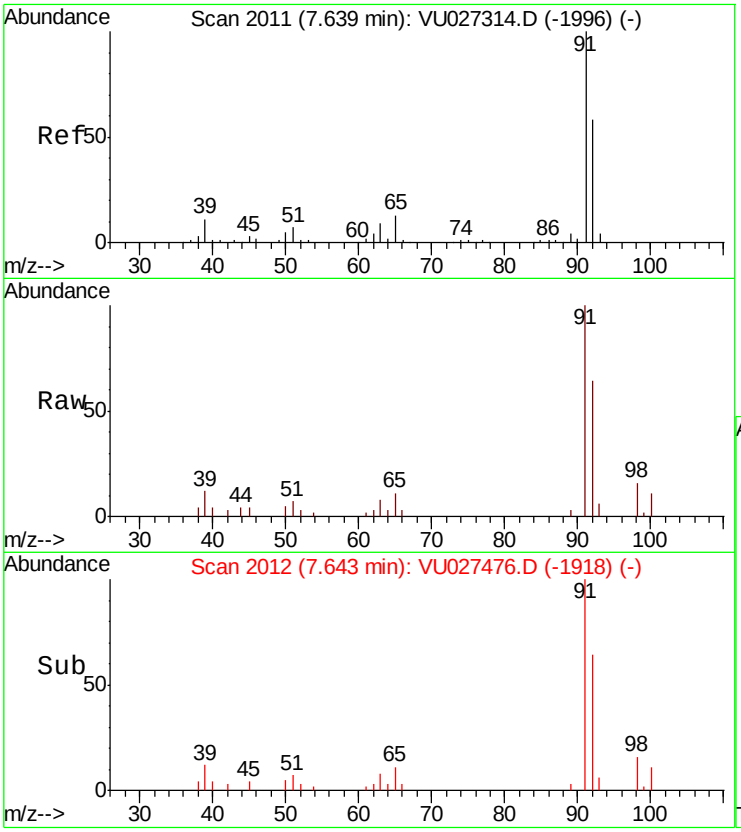


#51
4-Methyl-2-Pentanone
Concen: 0.549 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.10 min
Lab File: VU027476.D
Acq: 06 Oct 2018 00:12

Tgt Ion: 43 Resp: 1416

Ion	Ratio	Lower	Upper
43	100		
58	182.7	29.8	44.8#



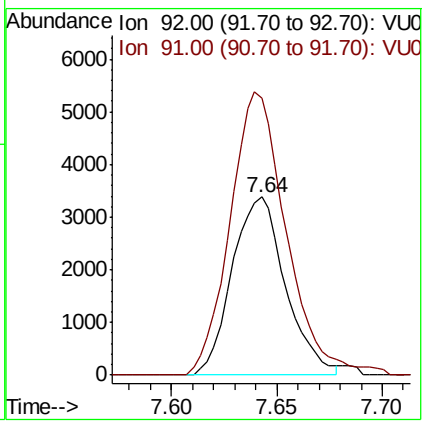


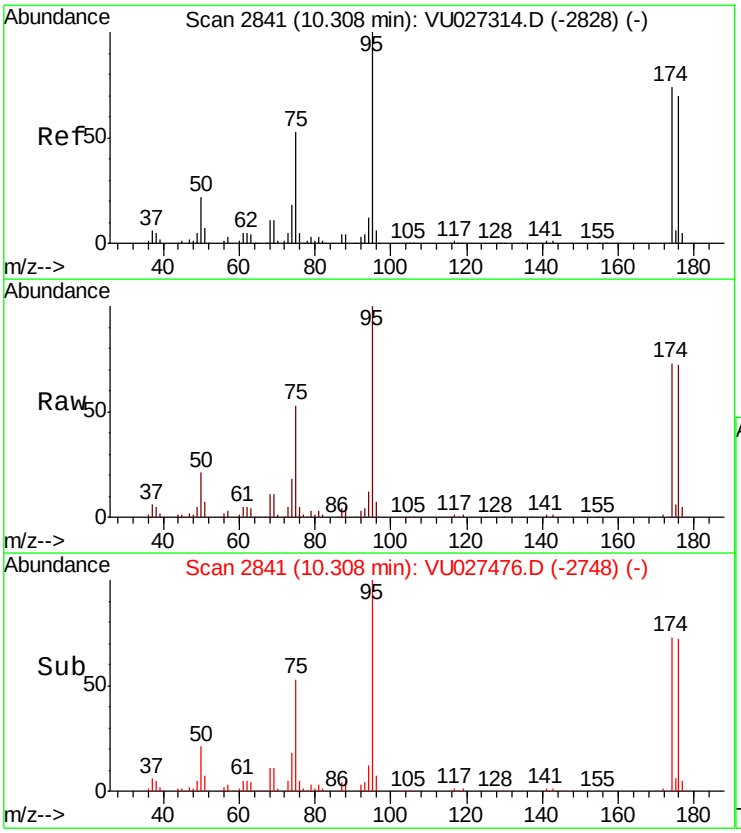
#52
Toluene
Concen: 1.745 ug/l
RT: 7.64 min Scan# 2012
Delta R.T. 0.00 min
Lab File: VU027476.D
Acq: 06 Oct 2018 00:12

Instrument :
MSVOA_U
ClientSampleId :
MW-8DL

Tgt Ion: 92 Resp: 5951

Ion	Ratio	Lower	Upper
92	100		
91	167.9	138.6	208.0

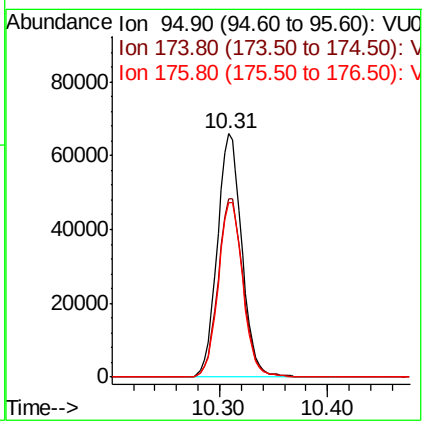


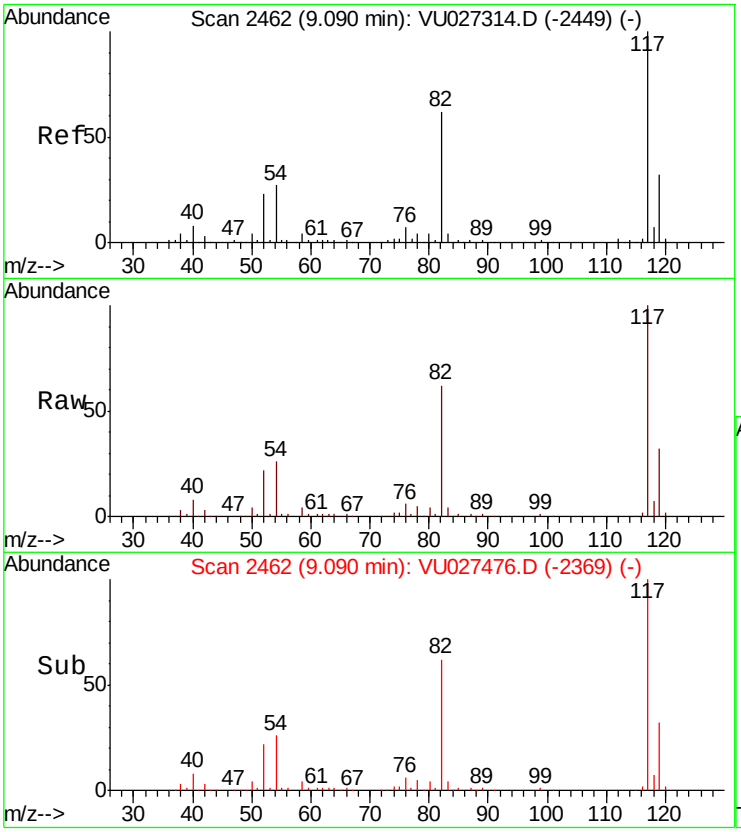


#62
4-Bromofluorobenzene
Concen: 59.952 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU027476.D
Acq: 06 Oct 2018 00:12

Tgt Ion: 95 Resp: 104092

Ion	Ratio	Lower	Upper
95	100		
174	74.7	0.0	147.8
176	72.2	0.0	140.8



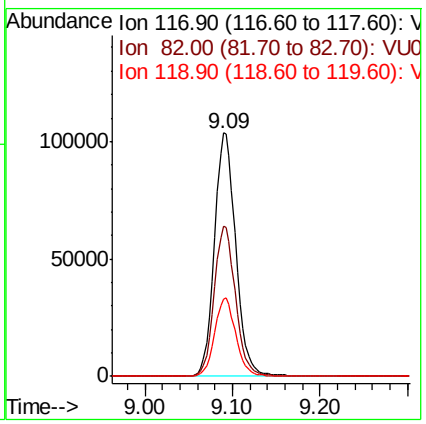


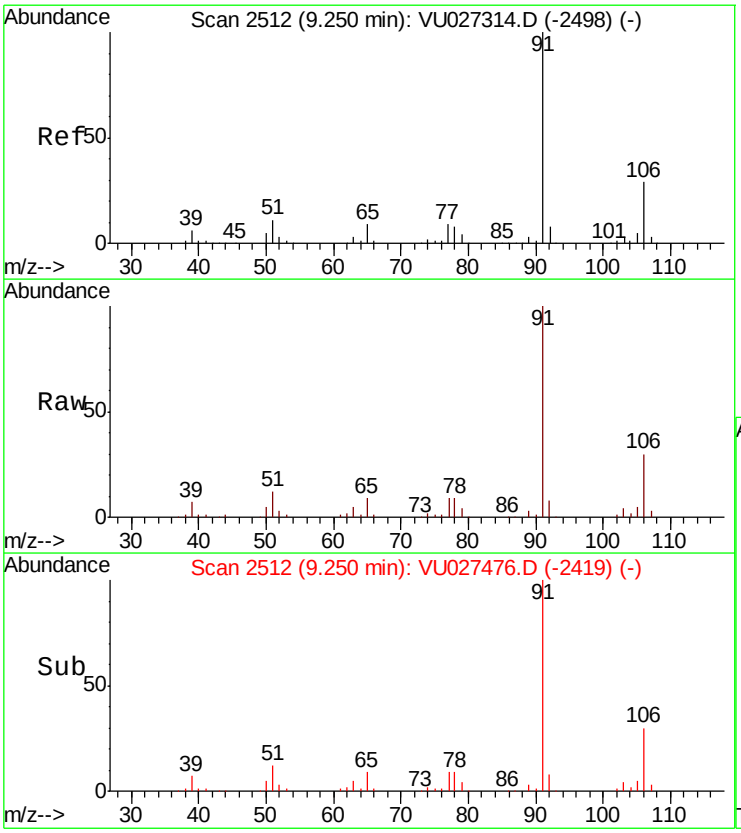
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU027476.D
Acq: 06 Oct 2018 00:12

Instrument : MSVOA_U
ClientSampleId : MW-8DL

Tgt Ion:117 Resp: 175469

Ion	Ratio	Lower	Upper
117	100		
82	61.9	49.2	73.8
119	31.9	25.7	38.5

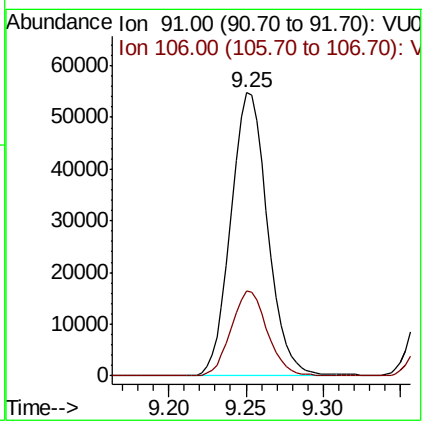


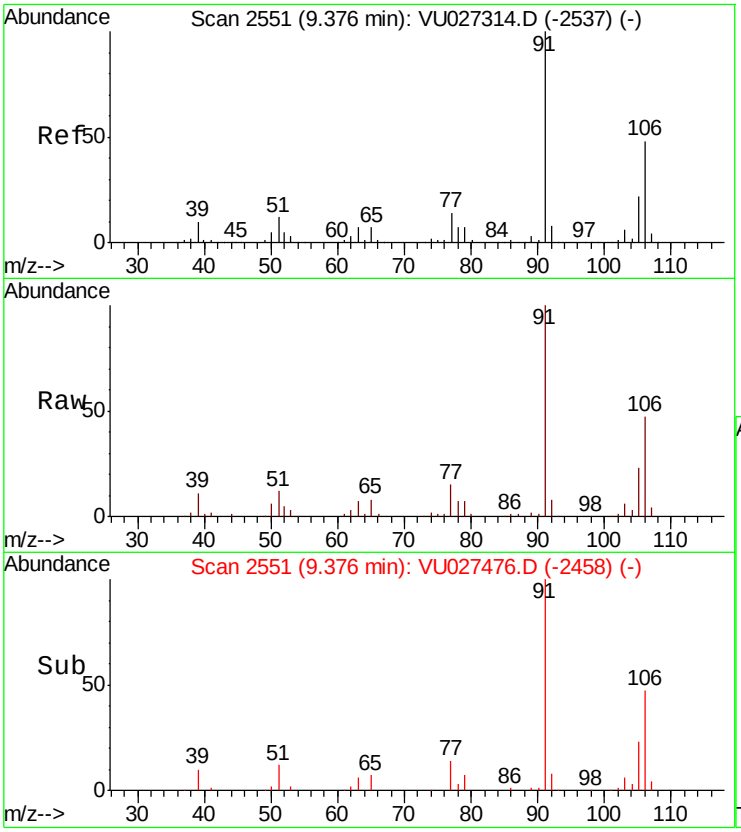


#67
Ethyl Benzene
Concen: 13.842 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU027476.D
Acq: 06 Oct 2018 00:12

Tgt Ion: 91 Resp: 90579

Ion	Ratio	Lower	Upper
91	100		
106	29.9	23.6	35.4



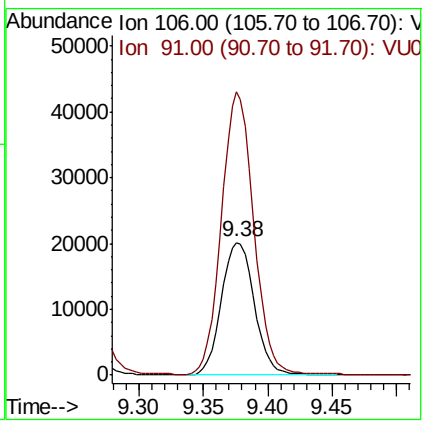


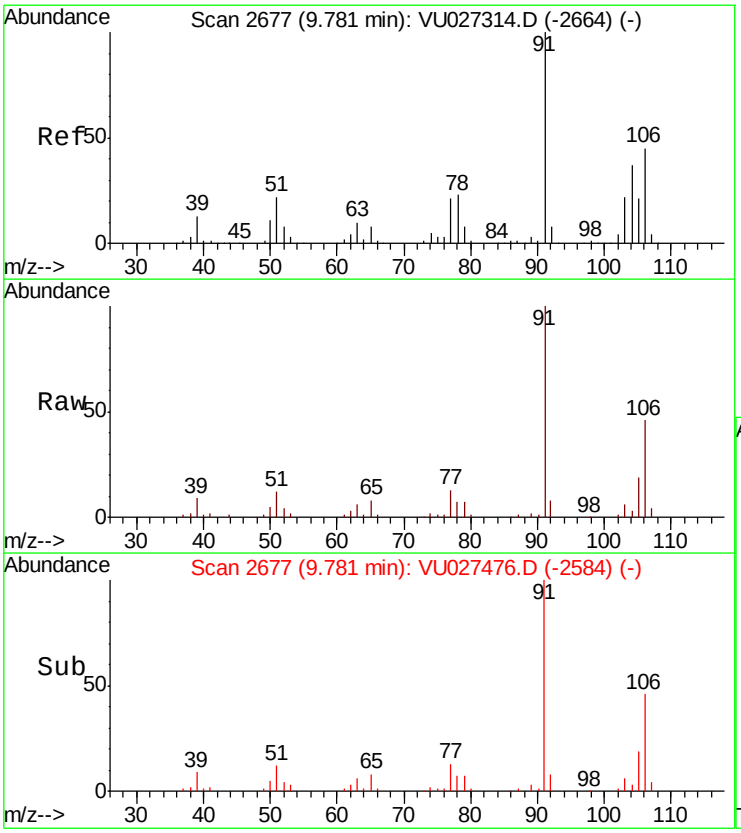
#68
m/p-Xylenes
Concen: 14.973 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU027476.D
Acq: 06 Oct 2018 00:12

Instrument :
MSVOA_U
ClientSampleId :
MW-8DL

Tgt Ion:106 Resp: 35840

Ion	Ratio	Lower	Upper
106	100		
91	209.4	168.1	252.1

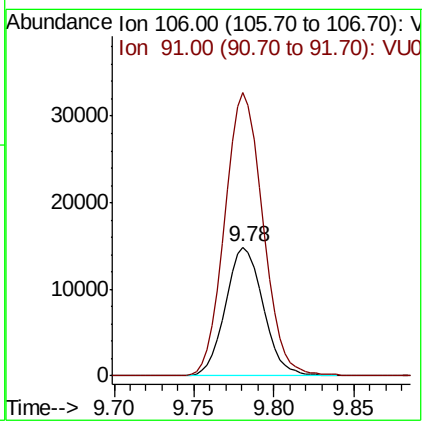


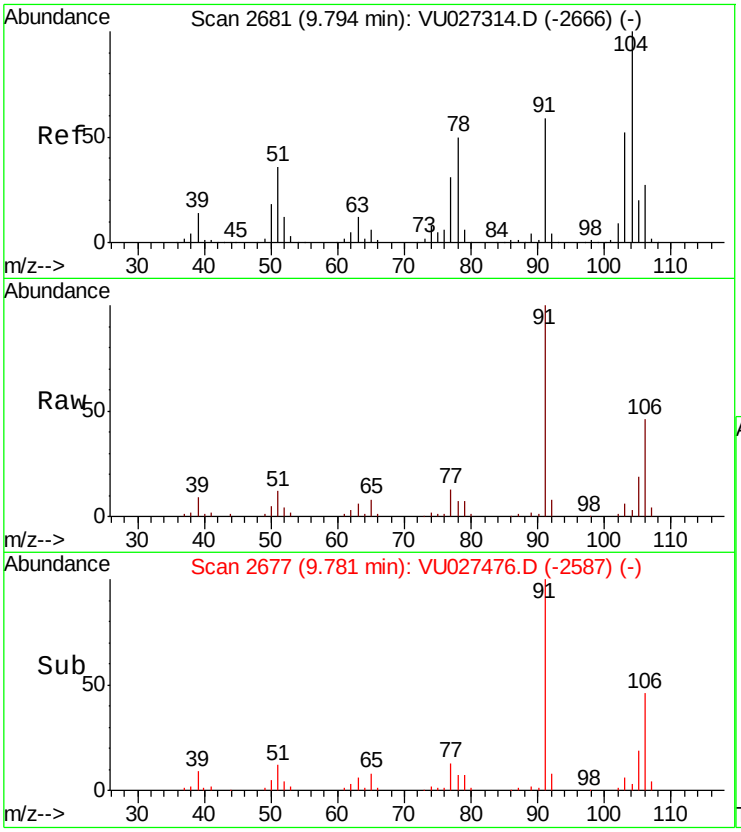


#69
o-Xylene
Concen: 10.488 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU027476.D
Acq: 06 Oct 2018 00:12

Tgt Ion:106 Resp: 23856

Ion	Ratio	Lower	Upper
106	100		
91	223.2	111.7	334.9



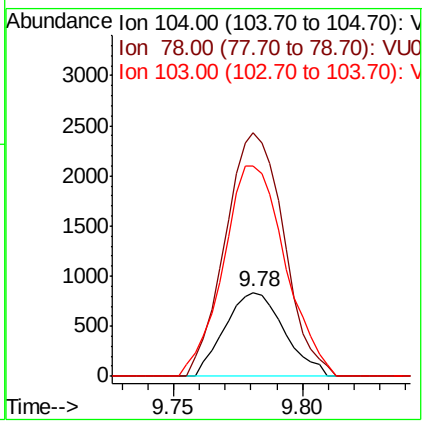


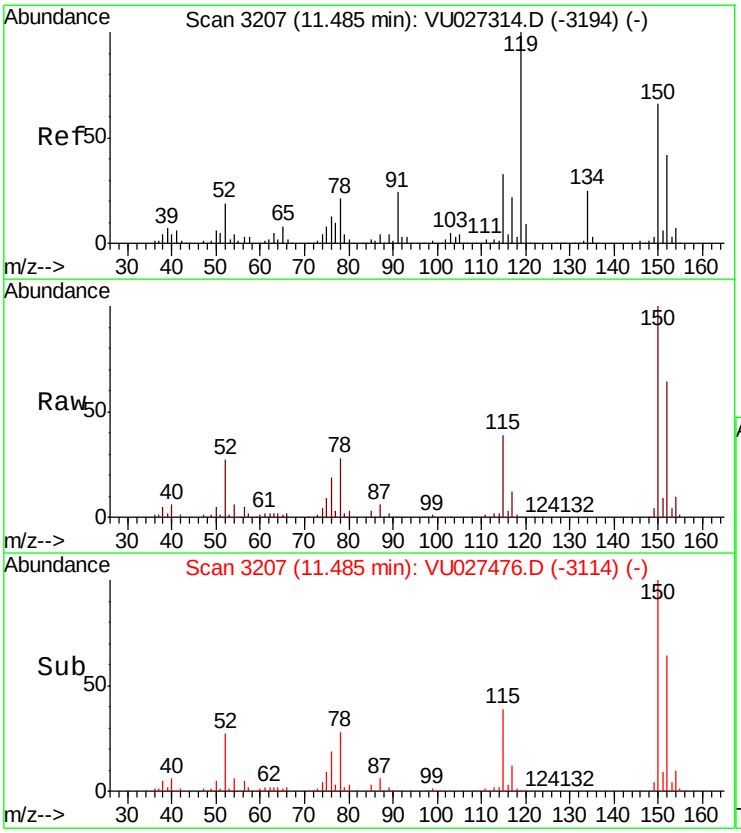
#70
Styrene
Concen: 2.599 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. -0.01 min
Lab File: VU027476.D
Acq: 06 Oct 2018 00:12

Instrument : MSVOA_U
ClientSampleId : MW-8DL

Tgt Ion:104 Resp: 1337

Ion	Ratio	Lower	Upper
104	100		
78	287.1	42.9	64.3#
103	263.1	43.9	65.9#

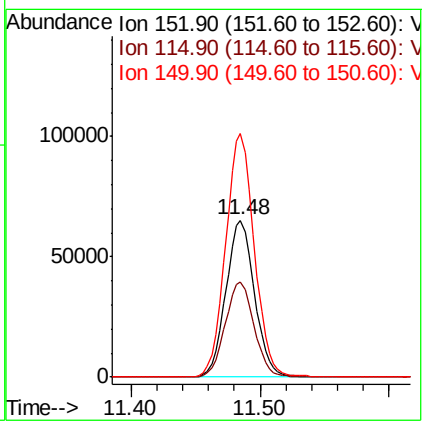


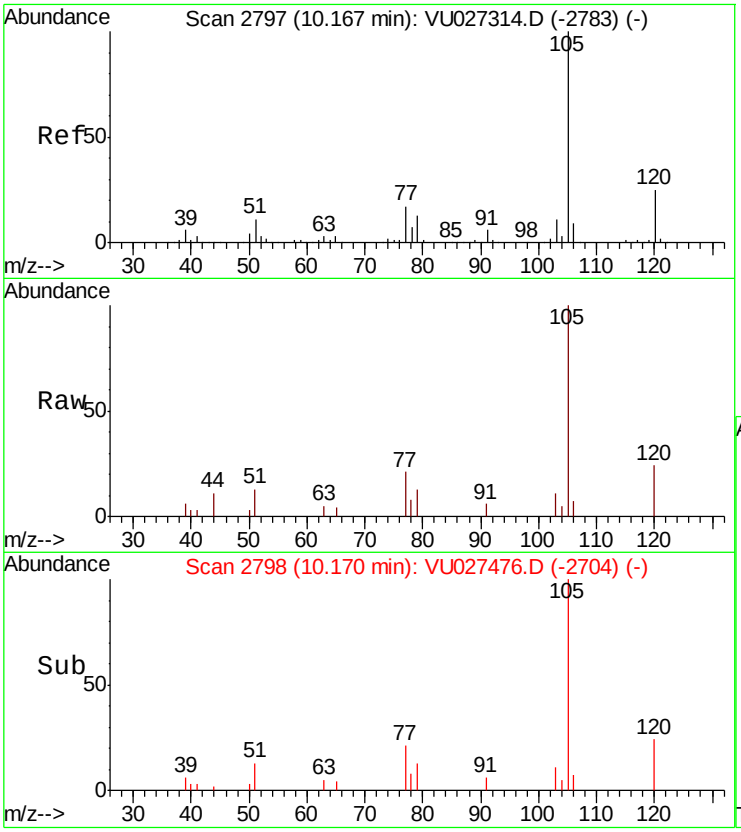


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU027476.D
Acq: 06 Oct 2018 00:12

Tgt Ion:152 Resp: 100205

Ion	Ratio	Lower	Upper
152	100		
115	61.1	43.4	130.2
150	155.3	0.0	349.2



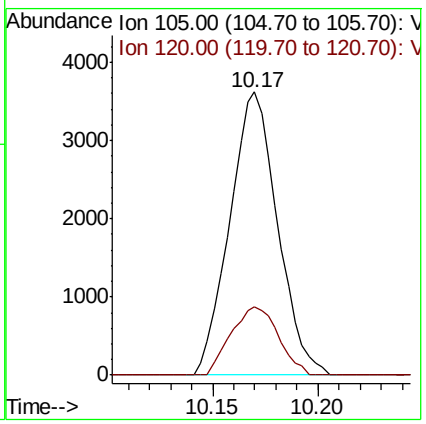


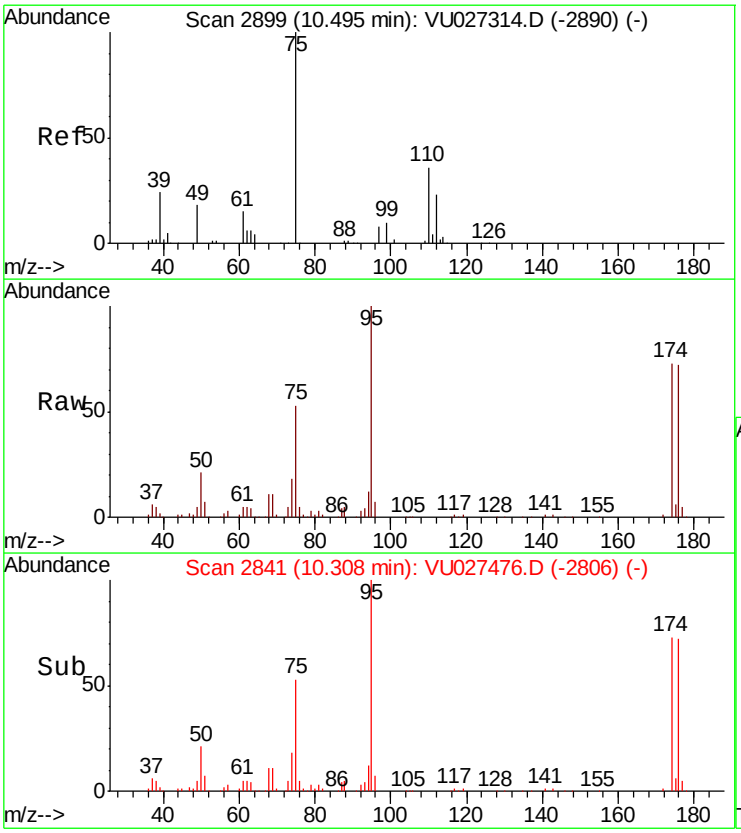
#73
Isopropylbenzene
Concen: 0.783 ug/l
RT: 10.17 min Scan# 2798
Delta R.T. 0.00 min
Lab File: VU027476.D
Acq: 06 Oct 2018 00:12

Instrument : MSVOA_U
ClientSampleId : MW-8DL

Tgt Ion:105 Resp: 5699

Ion	Ratio	Lower	Upper
105	100		
120	24.0	12.6	37.8

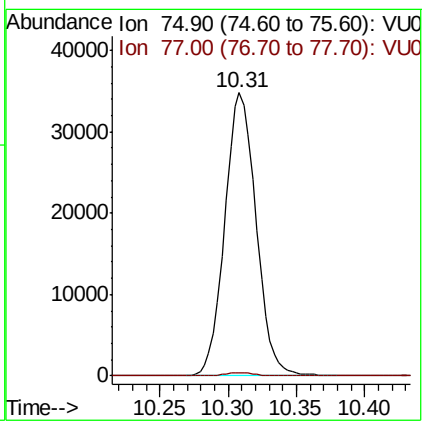


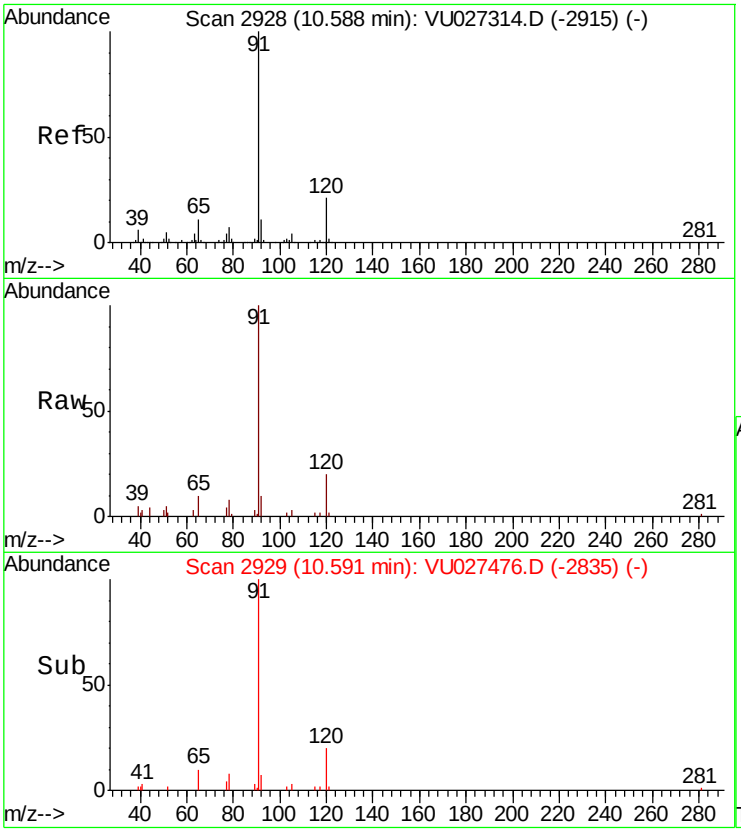


#76
1,2,3-Trichloropropane
Concen: 21.369 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.19 min
Lab File: VU027476.D
Acq: 06 Oct 2018 00:12

Tgt Ion: 75 Resp: 55507

Ion	Ratio	Lower	Upper
75	100		
77	1.1	20.3	60.9#



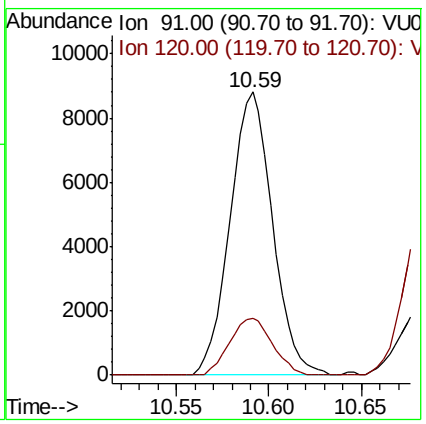


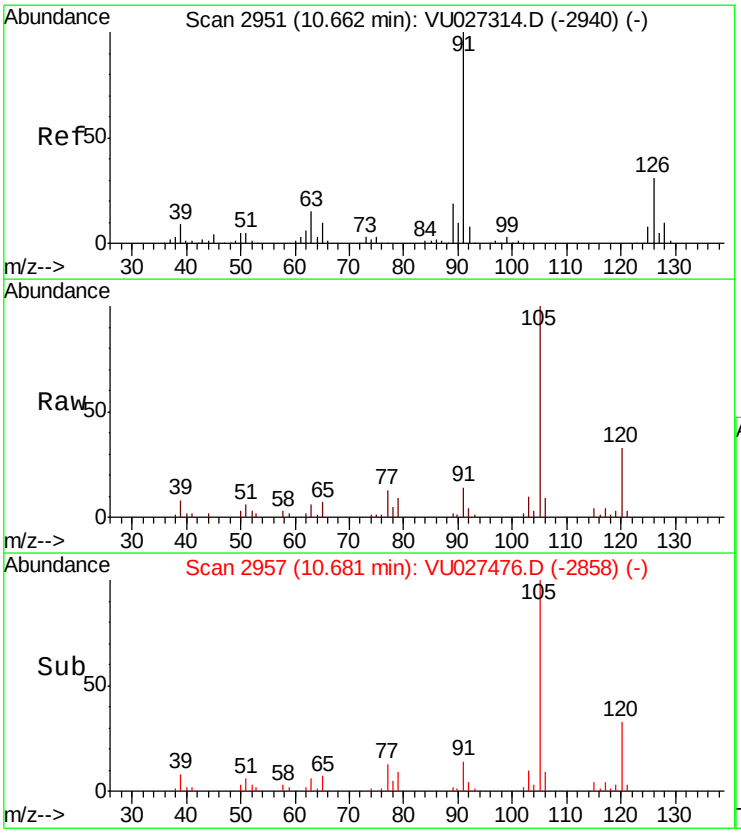
#78
n-propylbenzene
Concen: 1.600 ug/l
RT: 10.59 min Scan# 2929
Delta R.T. 0.00 min
Lab File: VU027476.D
Acq: 06 Oct 2018 00:12

Instrument : MSVOA_U
ClientSampleId : MW-8DL

Tgt Ion: 91 Resp: 13994

Ion	Ratio	Lower	Upper
91	100		
120	20.2	10.6	31.8

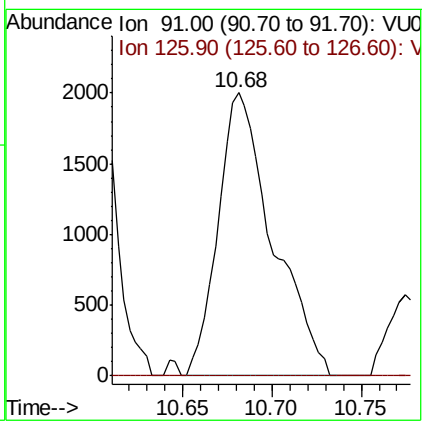


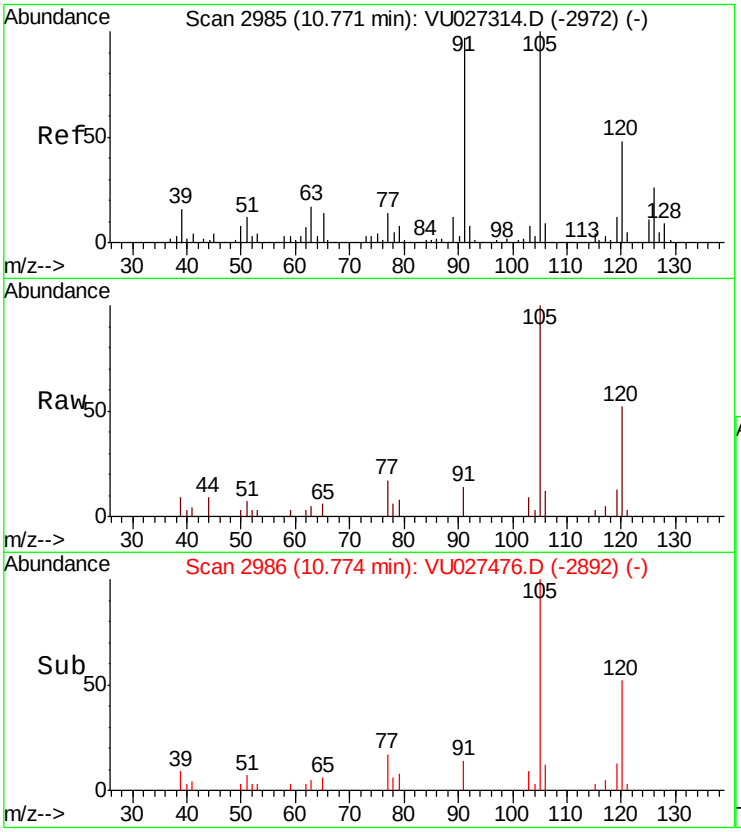


#79
2-Chlorotoluene
Concen: 0.805 ug/l
RT: 10.68 min Scan# 2957
Delta R.T. 0.02 min
Lab File: VU027476.D
Acq: 06 Oct 2018 00:12

Tgt Ion: 91 Resp: 4250

Ion	Ratio	Lower	Upper
91	100		
126	0.0	15.7	47.1#



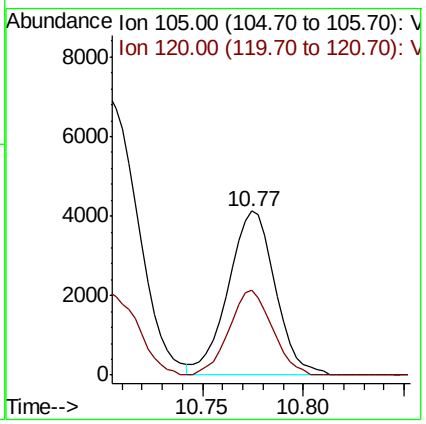


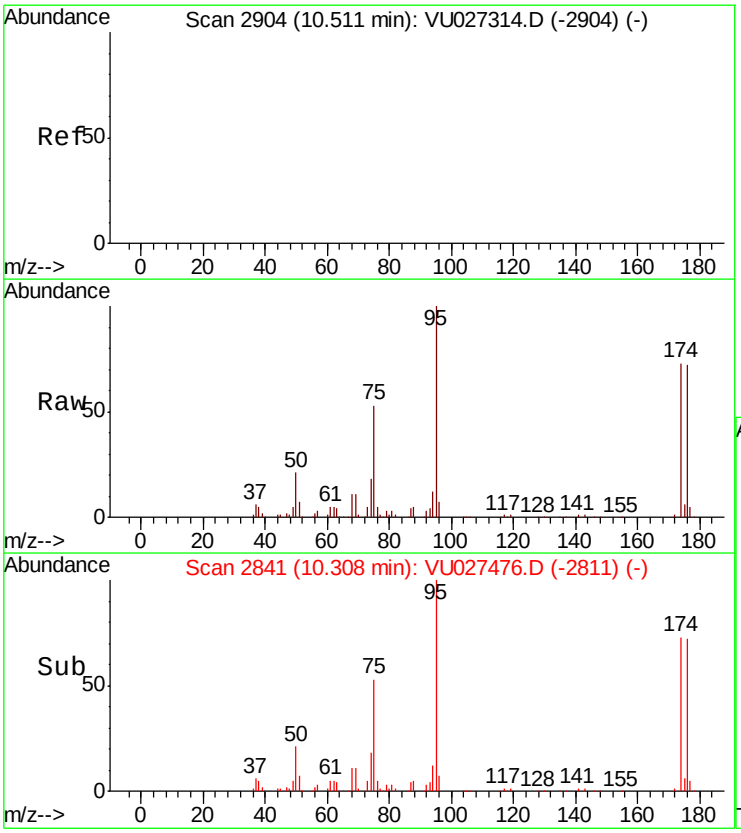
#80
1,3,5-Trimethylbenzene
Concen: 1.142 ug/l
RT: 10.77 min Scan# 2986
Delta R.T. 0.00 min
Lab File: VU027476.D
Acq: 06 Oct 2018 00:12

Instrument :
MSVOA_U
ClientSampleId :
MW-8DL

Tgt Ion:105 Resp: 6764

Ion	Ratio	Lower	Upper
105	100		
120	47.4	24.1	72.4

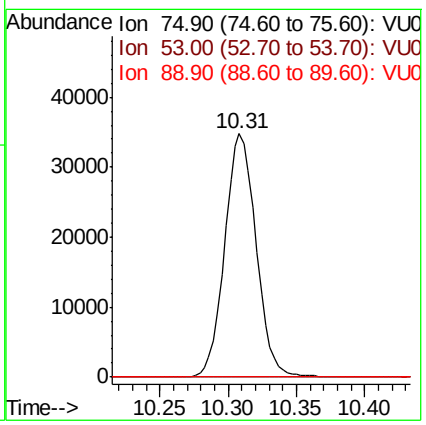


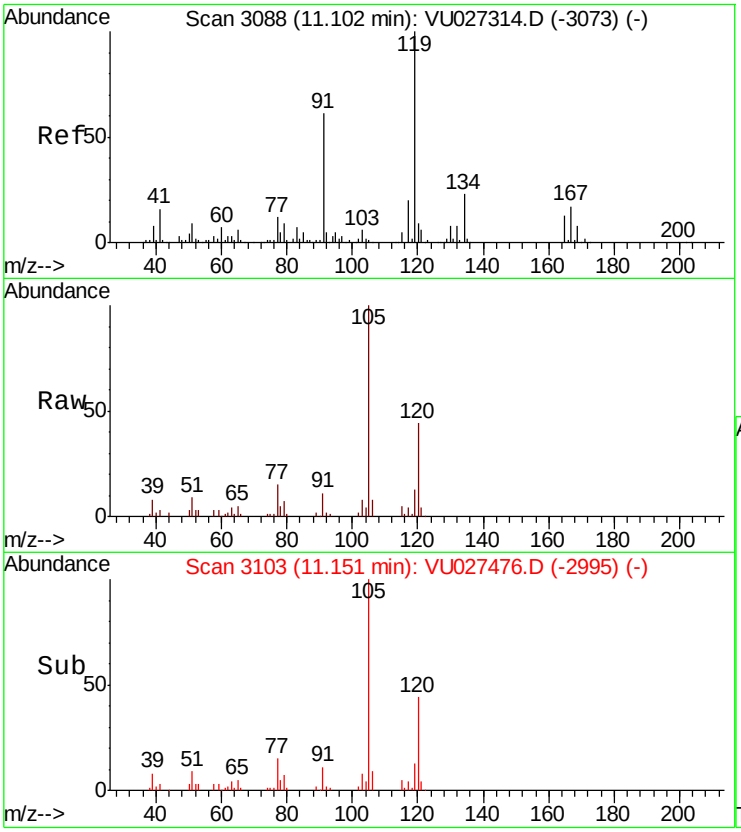


#81
trans-1,4-Dichloro-2-butene
Concen: 55.925 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.20 min
Lab File: VU027476.D
Acq: 06 Oct 2018 00:12

Tgt Ion: 75 Resp: 55507

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



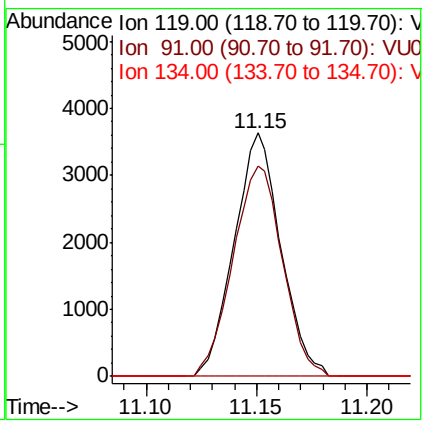


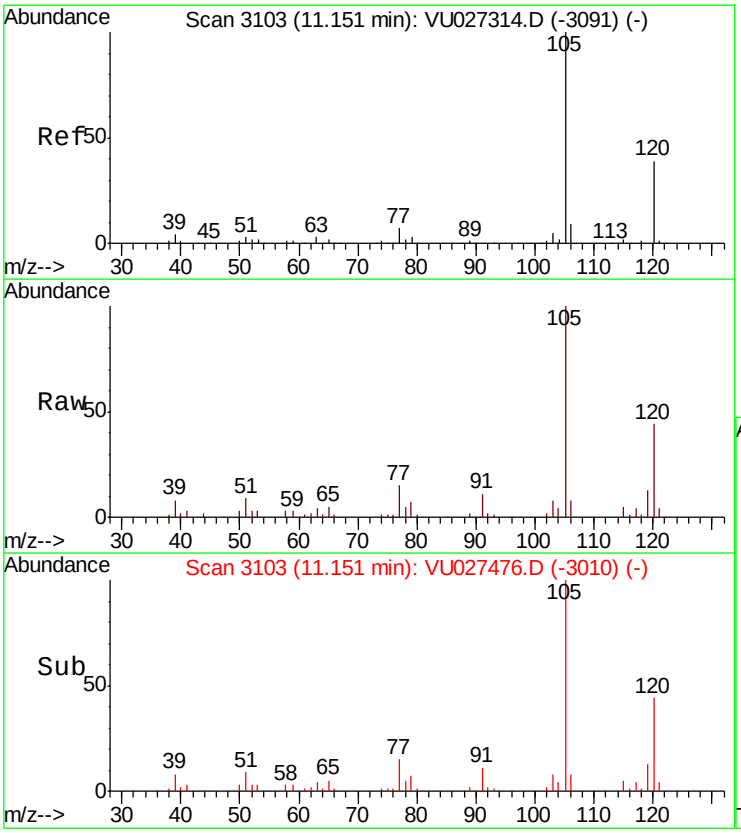
#83
tert-Butylbenzene
Concen: 0.931 ug/l
RT: 11.15 min Scan# 3103
Delta R.T. 0.05 min
Lab File: VU027476.D
Acq: 06 Oct 2018 00:12

Instrument : MSVOA_U
ClientSampleId : MW-8DL

Tgt Ion:119 Resp: 5331

Ion	Ratio	Lower	Upper
119	100		
91	91.5	30.3	91.0#
134	0.0	11.5	34.4#

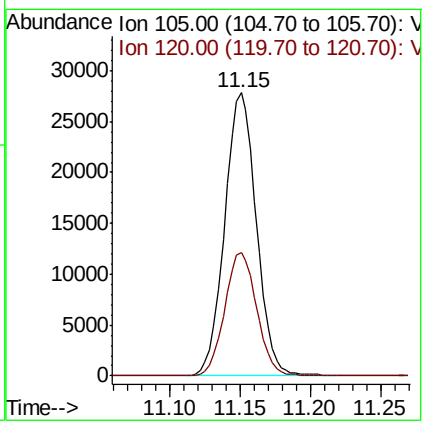


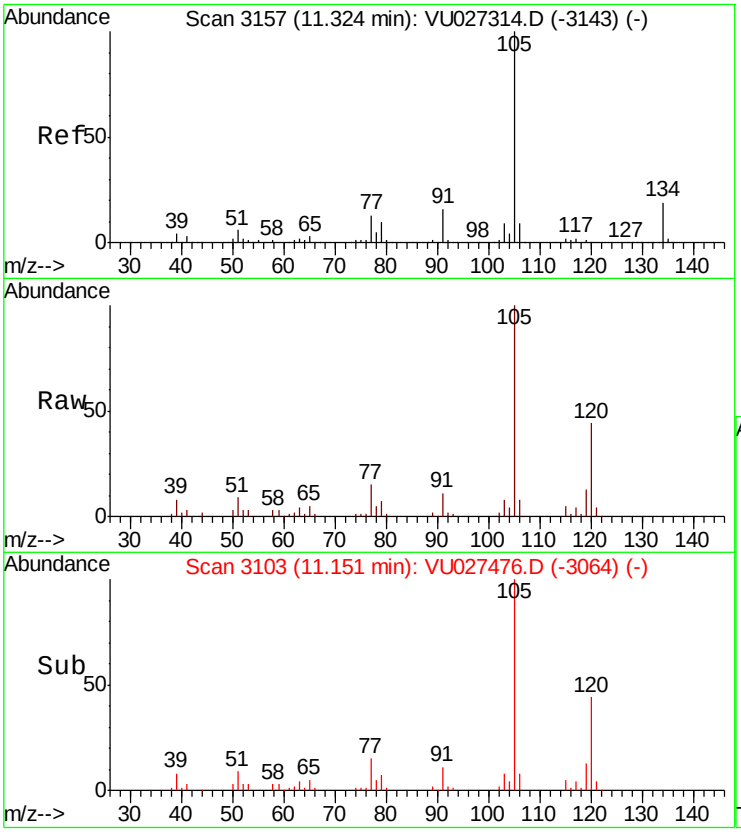


#84
1,2,4-Trimethylbenzene
Concen: 7.212 ug/l
RT: 11.15 min Scan# 3103
Delta R.T. 0.00 min
Lab File: VU027476.D
Acq: 06 Oct 2018 00:12

Tgt Ion:105 Resp: 43651

Ion	Ratio	Lower	Upper
105	100		
120	43.8	22.1	66.5



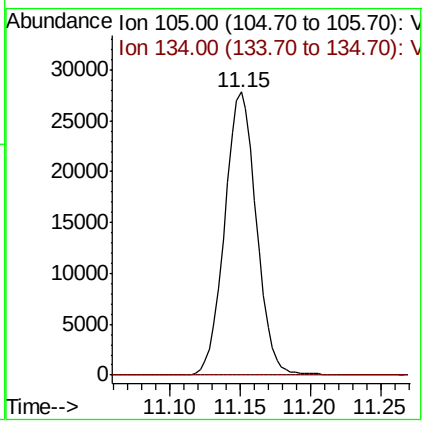


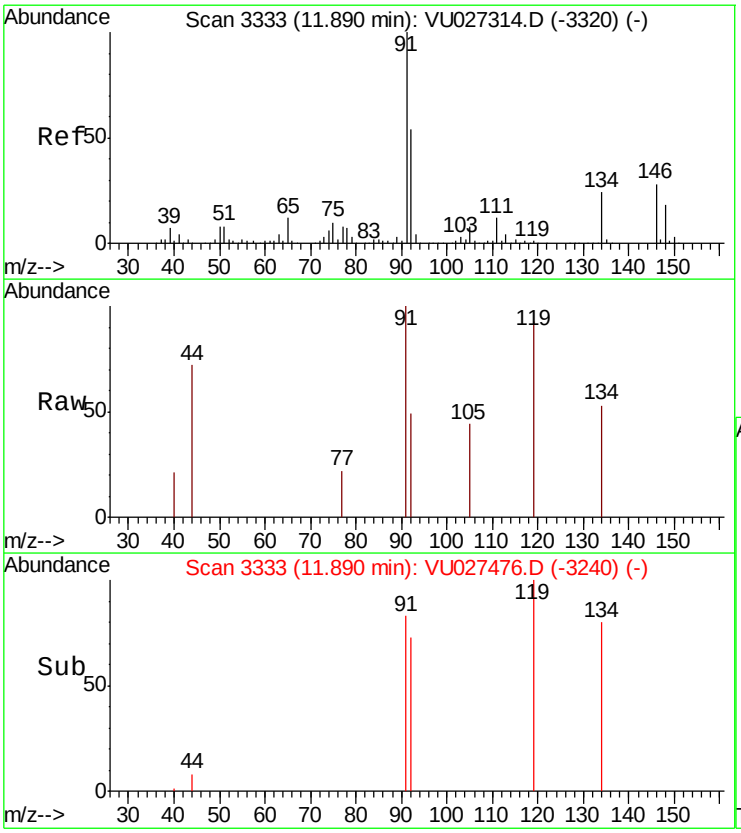
#85
sec-Butylbenzene
Concen: 6.048 ug/l
RT: 11.15 min Scan# 3103
Delta R.T. -0.17 min
Lab File: VU027476.D
Acq: 06 Oct 2018 00:12

Instrument : MSVOA_U
ClientSampleId : MW-8DL

Tgt Ion:105 Resp: 43651

Ion	Ratio	Lower	Upper
105	100		
134	0.0	9.6	28.6#

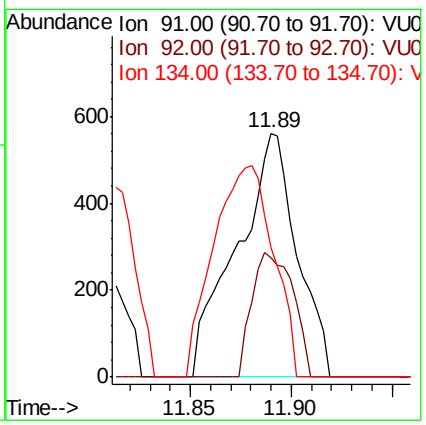


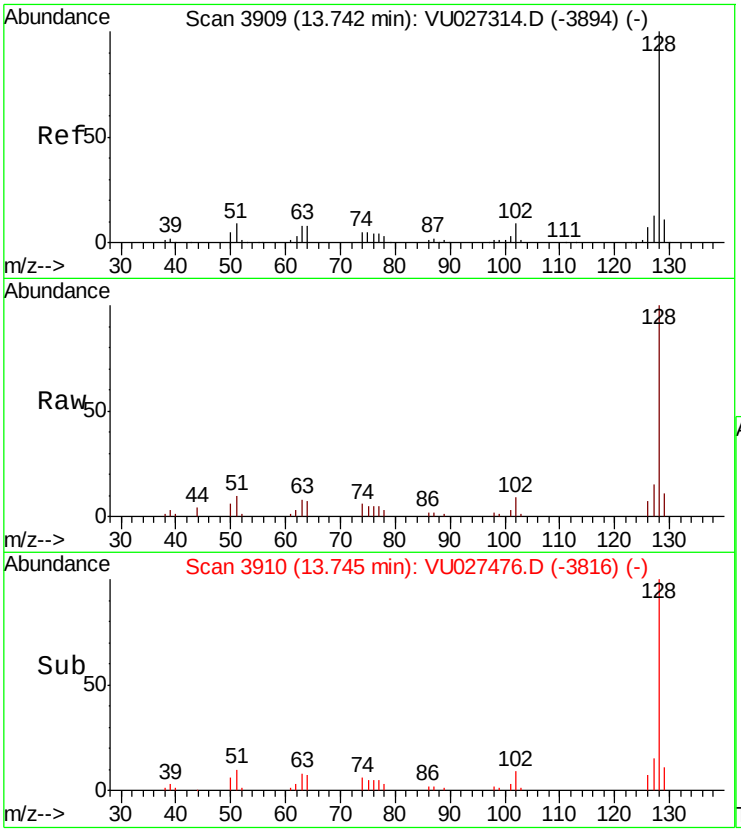


#89
n-Butylbenzene
Concen: 2.120 ug/l
RT: 11.89 min Scan# 3333
Delta R.T. 0.00 min
Lab File: VU027476.D
Acq: 06 Oct 2018 00:12

Tgt Ion: 91 Resp: 1165

Ion	Ratio	Lower	Upper
91	100		
92	34.9	27.0	81.0
134	86.2	11.7	35.1#





#95
Naphthalene
Concen: 5.036 ug/l
RT: 13.75 min Scan# 3910
Delta R.T. 0.00 min
Lab File: VU027476.D
Acq: 06 Oct 2018 00:12

Instrument :
MSVOA_U
ClientSampleId :
MW-8DL

Tgt Ion:128 Resp: 26457

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	9.8	8.6	12.8