Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU070218\
Data File : VU025155.D
Acq On : 02 Jul 2018 20:05
Operator : MD/SY
Sample : J3245-20
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : CL-01-062918-B

Quant Time: Jul 03 03:02:14 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 13 13:55:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	204123	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	310047	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	285179	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	154369	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	155618	46.70	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.40%			
35) Dibromofluoromethane	4.89	113	120249	46.73	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.46%			
50) Toluene-d8	7.57	98	440871	46.97	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.94%			
62) 4-Bromofluorobenzene	10.31	95	163518	43.88	ug/l	0.00
Spiked Amount 50.000			Recovery = 87.76%			
Target Compounds						Qvalue
6) Chloroethane	1.70	64	67	Below Cal	#	43
8) Diethyl Ether	2.11	74	204	Below Cal	#	24
11) Tert butyl alcohol	2.83	59	717	0.885	ug/l #	72
16) Acetone	2.32	43	16642	9.295	ug/l	96
18) Methyl Acetate	2.62	43	22473	5.855	ug/l	97
20) Methylene Chloride	2.71	84	86498	30.789	ug/l	98
25) 2-Butanone	4.27	43	2565	1.067	ug/l #	82
30) Chloroform	4.68	83	1922	0.386	ug/l #	80
31) Cyclohexane	4.99	56	4055	Below Cal	#	1
36) 1,1-Dichloropropene	4.99	75	14556	3.995	ug/l #	52
38) Carbon Tetrachloride	4.99	117	19935	4.976	ug/l #	16
41) Methacrylonitrile	4.65	41	634	0.296	ug/l #	24
43) Isopropyl Acetate	5.78	43	46848	6.825	ug/l #	62
51) 4-Methyl-2-Pentanone	7.47	43	1282	0.297	ug/l #	80
52) Toluene	7.64	92	4835	0.724	ug/l	98
64) Tetrachloroethene	8.23	164	755	0.279	ug/l #	71
67) Ethyl Benzene	9.26	91	14617	1.144	ug/l	97
68) m/p-Xylenes	9.38	106	17006	3.468	ug/l	95
69) o-Xylene	9.78	106	5833	1.202	ug/l	95
70) Styrene	9.80	104	2177	0.273	ug/l #	54
76) 1,2,3-Trichloropropane	10.31	75	85385	25.123	ug/l #	35
80) 1,3,5-Trimethylbenzene	10.78	105	4775	0.465	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.31	75	85385	58.146	ug/l #	100
83) tert-Butylbenzene	11.15	119	1988	0.201	ug/l #	55
84) 1,2,4-Trimethylbenzene	11.15	105	17934	1.713	ug/l	97
95) Naphthalene	13.75	128	152344	13.918	ug/l	99

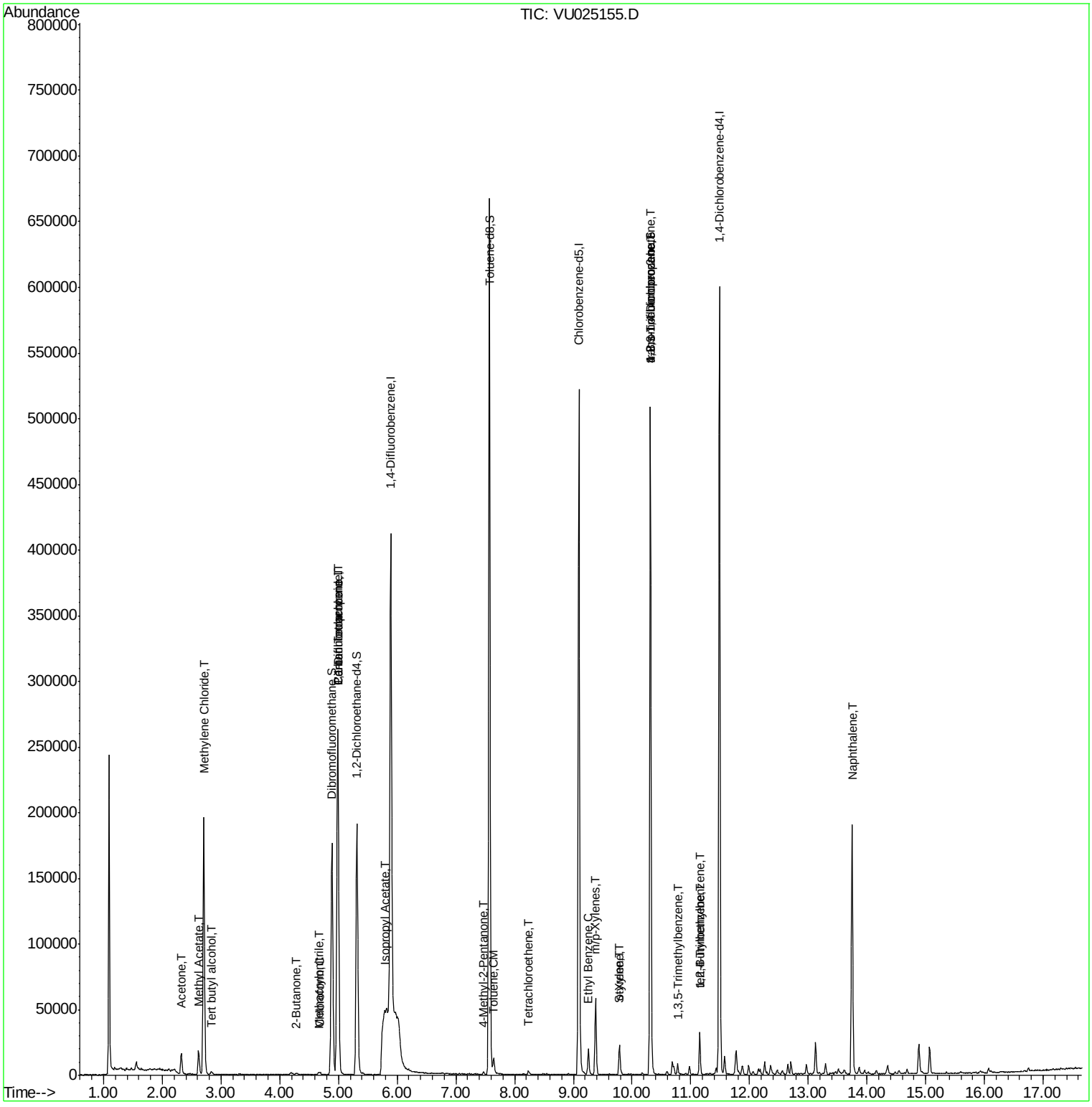
(#) = qualifier out of range (m) = manual integration (+) = signals summed

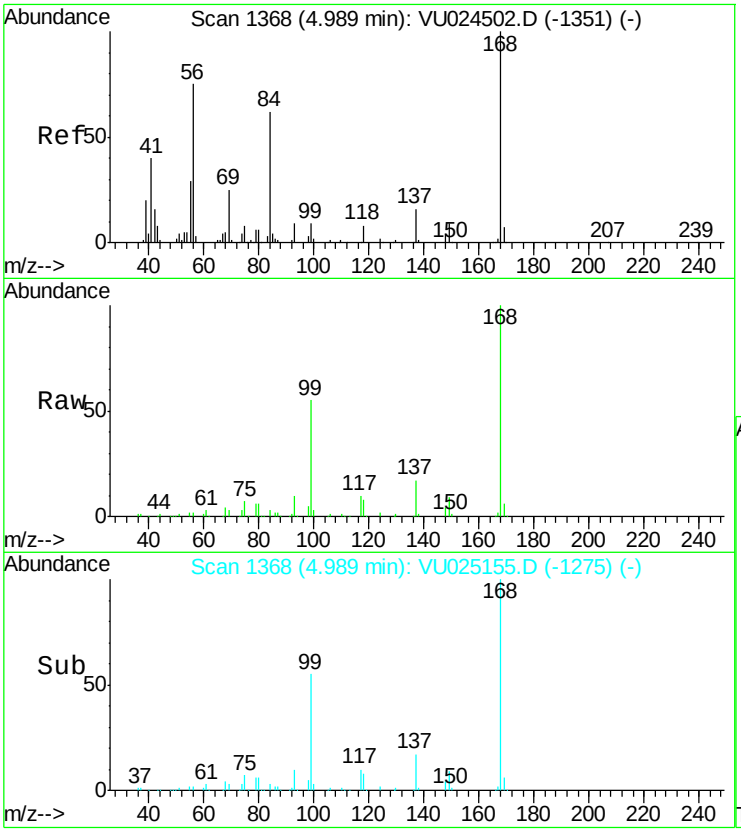
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU070218\
Data File : VU025155.D
Acq On : 02 Jul 2018 20:05
Operator : MD/SY
Sample : J3245-20
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : CL-01-062918-B

Quant Time: Jul 03 03:02:14 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 13 13:55:26 2018
Response via : Initial Calibration



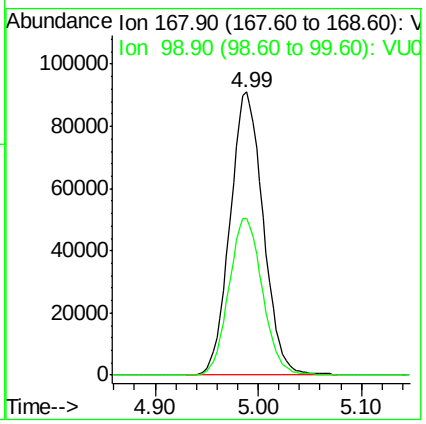


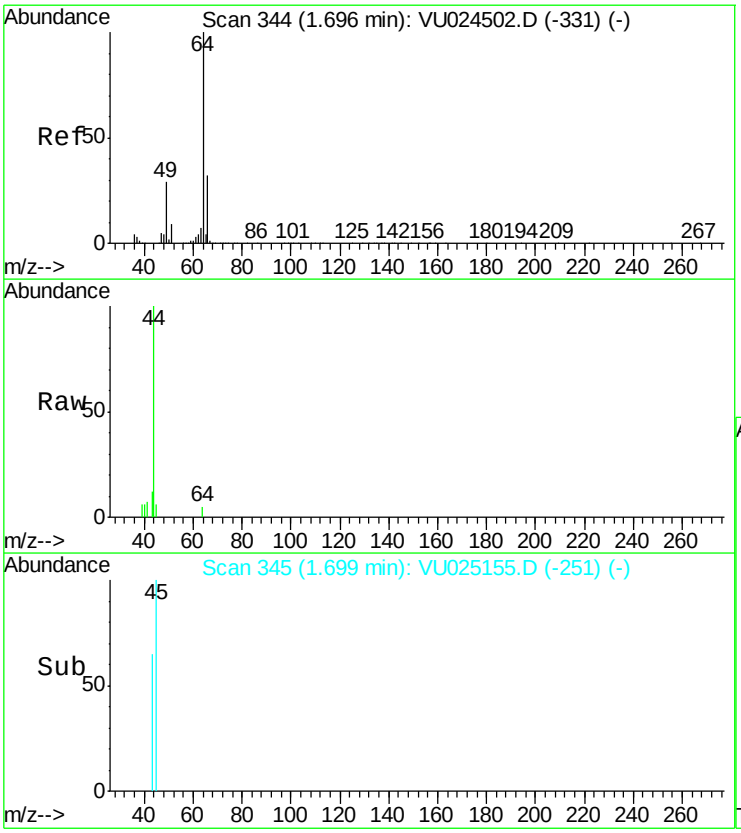
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.99 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VU025155.D
Acq: 02 Jul 2018 20:05

Instrument :
MSVOA_U
ClientSampleId :
CL-01-062918-B

Tgt Ion:168 Resp: 204123

Ion	Ratio	Lower	Upper
168	100		
99	55.5	43.2	64.8

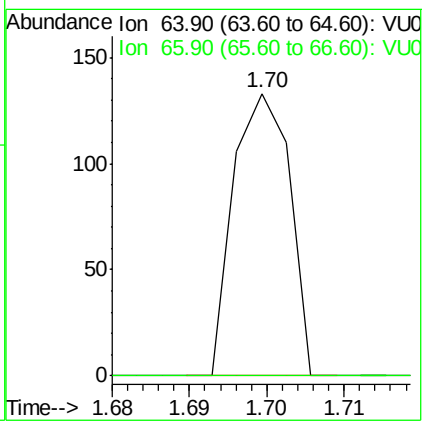


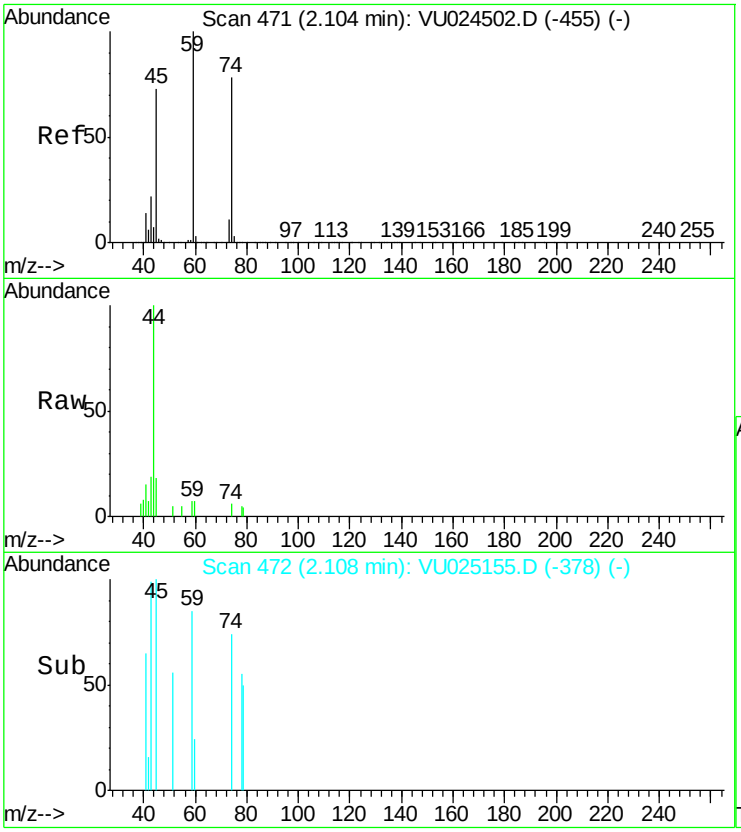


#6
Chloroethane
Concen: Below Cal
RT: 1.70 min Scan# 345
Delta R.T. 0.00 min
Lab File: VU025155.D
Acq: 02 Jul 2018 20:05

Tgt Ion: 64 Resp: 67

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.5	38.3#



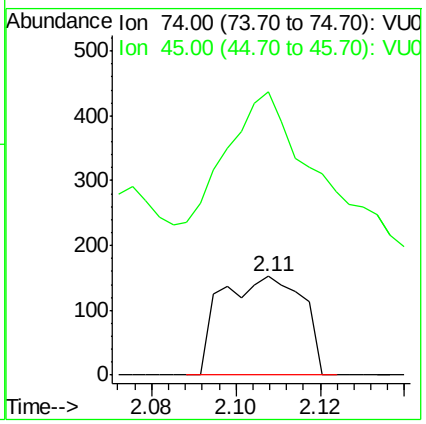


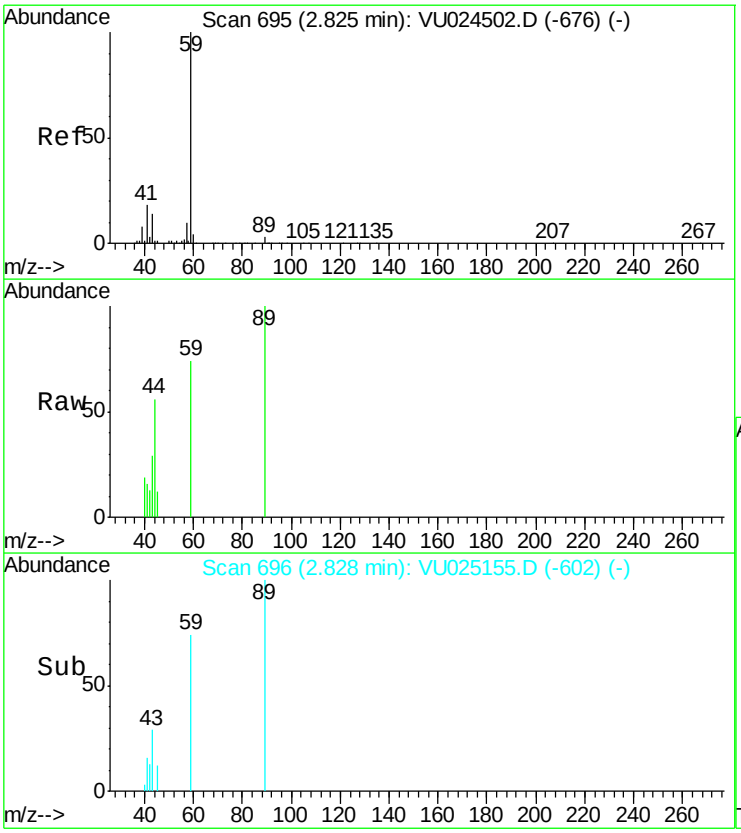
#8
Diethyl Ether
Concen: Below Cal
RT: 2.11 min Scan# 472
Delta R.T. 0.00 min
Lab File: VU025155.D
Acq: 02 Jul 2018 20:05

Instrument :
MSVOA_U
ClientSampleId :
CL-01-062918-B

Tgt Ion: 74 Resp: 204

Ion	Ratio	Lower	Upper
74	100		
45	190.7	55.0	165.0#

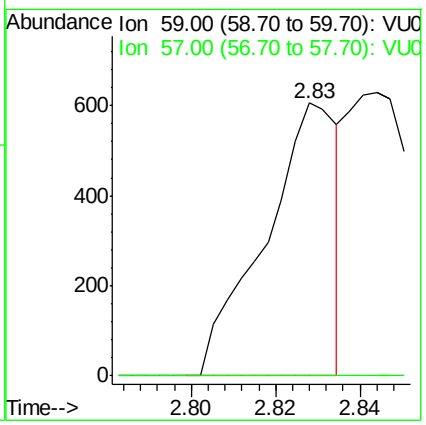


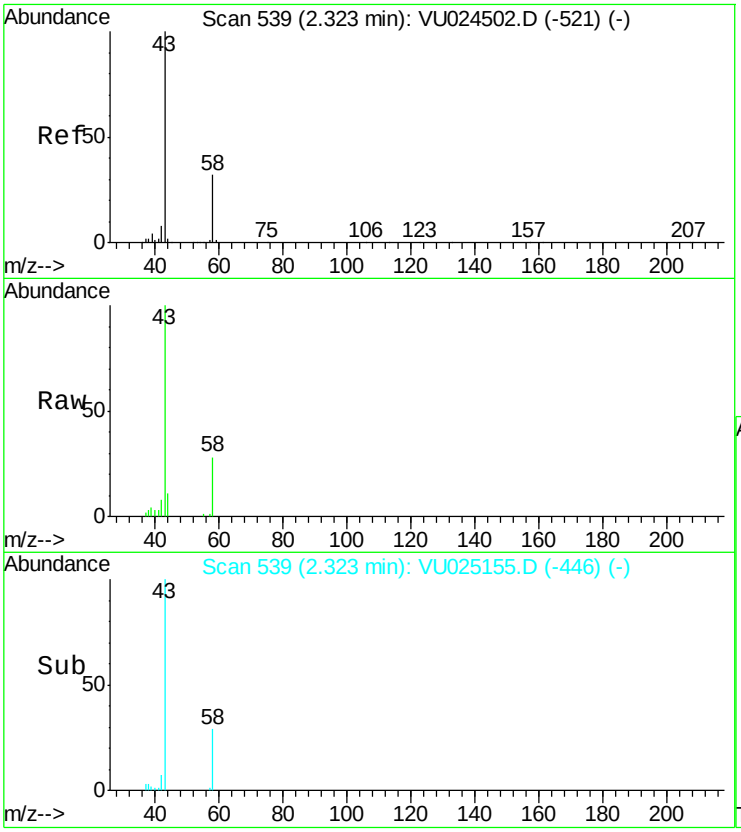


#11
Tert butyl alcohol
Concen: 0.885 ug/l
RT: 2.83 min Scan# 696
Delta R.T. 0.00 min
Lab File: VU025155.D
Acq: 02 Jul 2018 20:05

Tgt Ion: 59 Resp: 717

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.5	12.7#



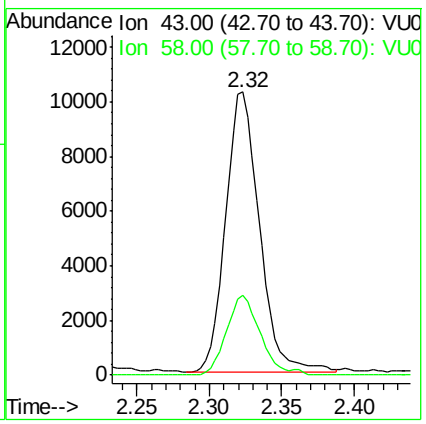


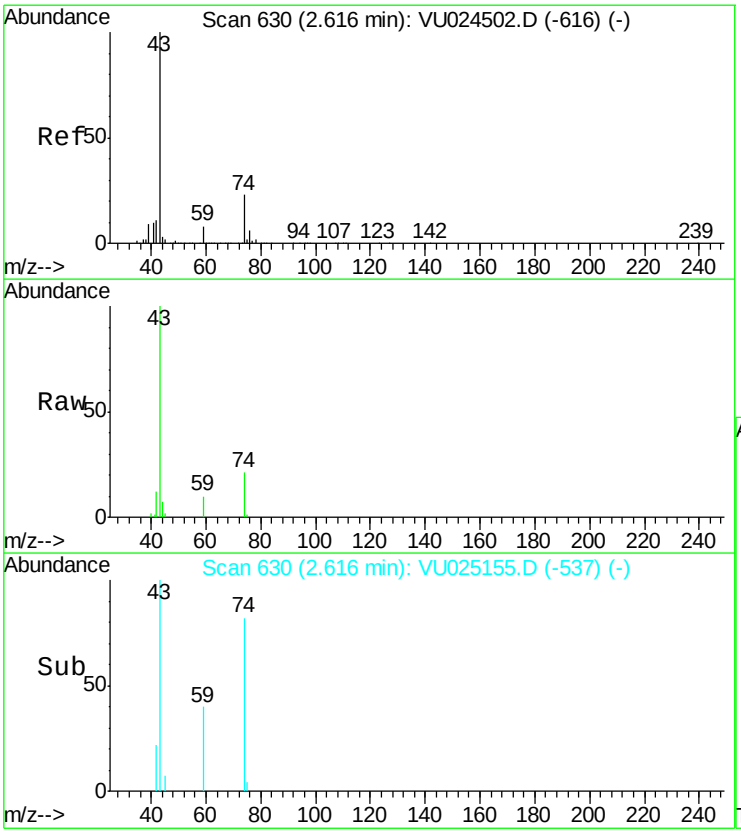
#16
Acetone
Concen: 9.295 ug/l
RT: 2.32 min Scan# 539
Delta R.T. -0.00 min
Lab File: VU025155.D
Acq: 02 Jul 2018 20:05

Instrument :
MSVOA_U
ClientSampleId :
CL-01-062918-B

Tgt Ion: 43 Resp: 16642

Ion	Ratio	Lower	Upper
43	100		
58	28.3	24.4	36.6

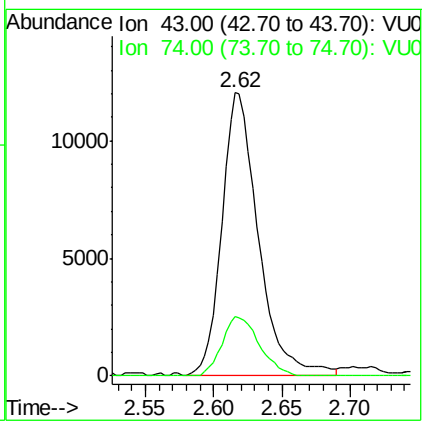


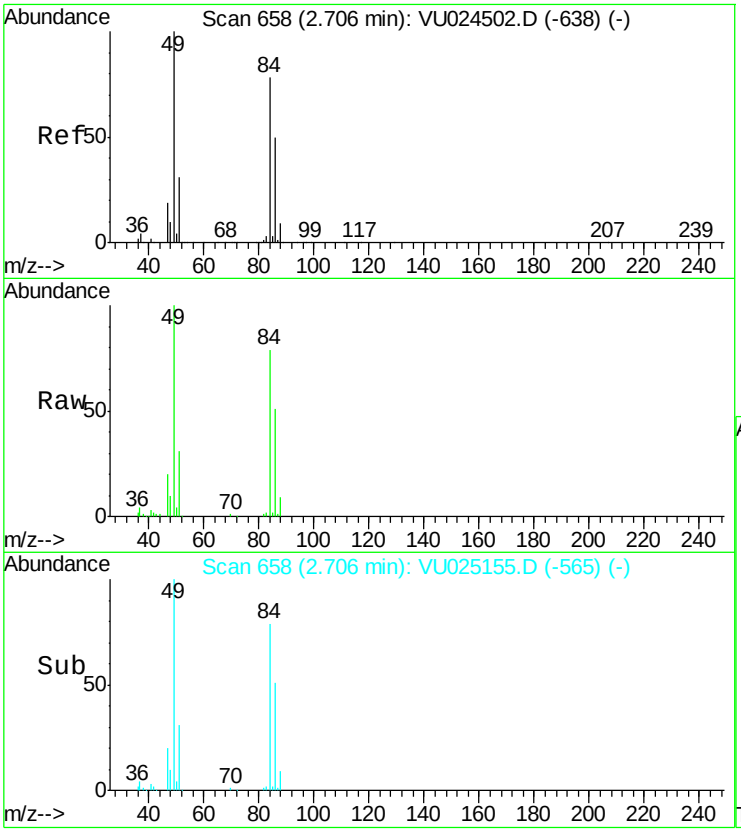


#18
Methyl Acetate
Concen: 5.855 ug/l
RT: 2.62 min Scan# 630
Delta R.T. -0.00 min
Lab File: VU025155.D
Acq: 02 Jul 2018 20:05

Tgt Ion: 43 Resp: 22473

Ion	Ratio	Lower	Upper
43	100		
74	21.2	18.0	27.0



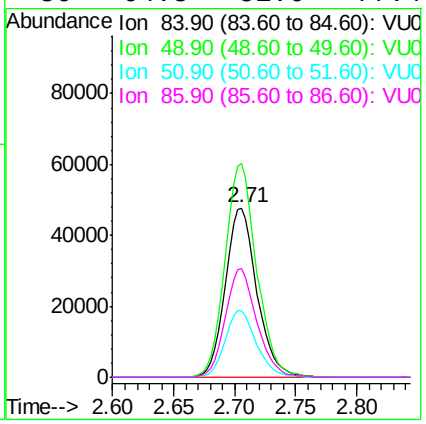


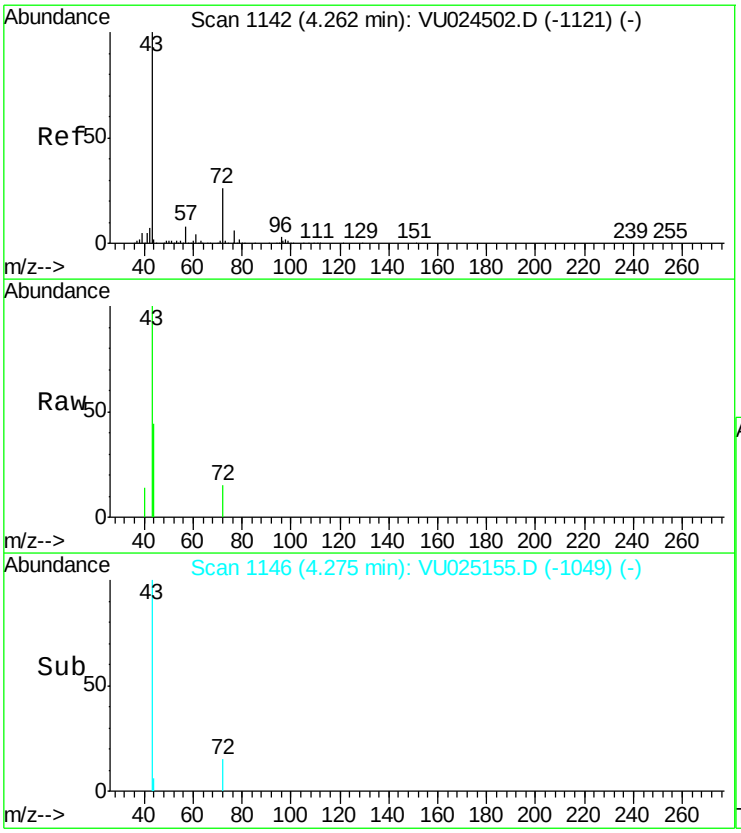
#20
Methylene Chloride
Concen: 30.789 ug/l
RT: 2.71 min Scan# 658
Delta R.T. -0.00 min
Lab File: VU025155.D
Acq: 02 Jul 2018 20:05

Instrument : MSVOA_U
ClientSampleId : CL-01-062918-B

Tgt Ion: 84 Resp: 86498

Ion	Ratio	Lower	Upper
84	100		
49	126.1	103.8	155.8
51	39.1	32.0	48.0
86	64.3	51.6	77.4

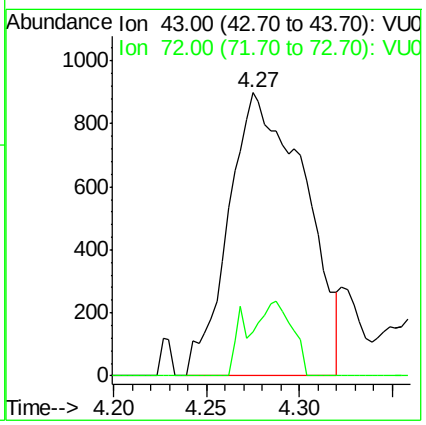


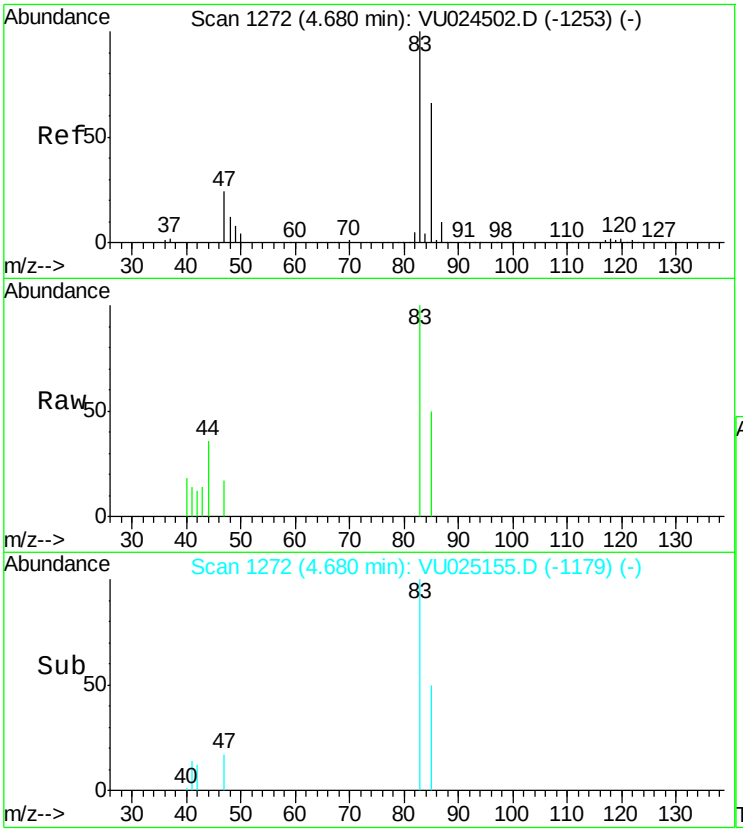


#25
2-Butanone
Concen: 1.067 ug/l
RT: 4.27 min Scan# 1146
Delta R.T. 0.01 min
Lab File: VU025155.D
Acq: 02 Jul 2018 20:05

Tgt Ion: 43 Resp: 2565

Ion	Ratio	Lower	Upper
43	100		
72	15.4	19.6	29.4#



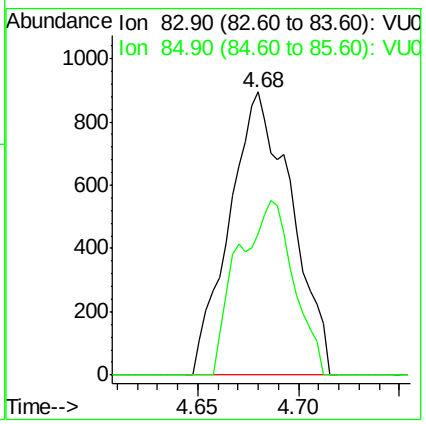


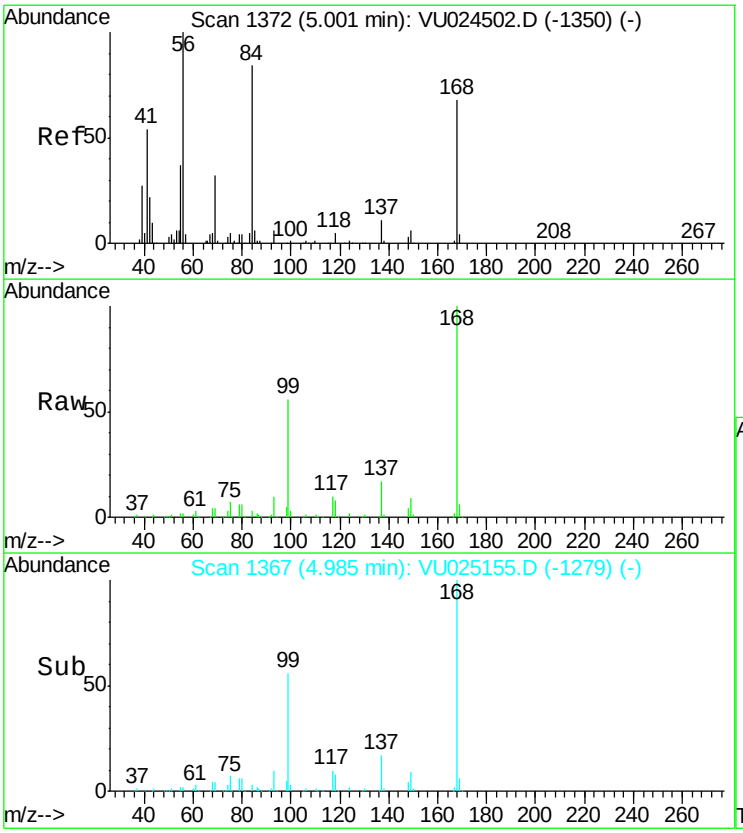
#30
Chloroform
Concen: 0.386 ug/l
RT: 4.68 min Scan# 1272
Delta R.T. -0.00 min
Lab File: VU025155.D
Acq: 02 Jul 2018 20:05

Instrument :
MSVOA_U
ClientSampleId :
CL-01-062918-B

Tgt Ion: 83 Resp: 1922

Ion	Ratio	Lower	Upper
83	100		
85	49.8	52.4	78.6#

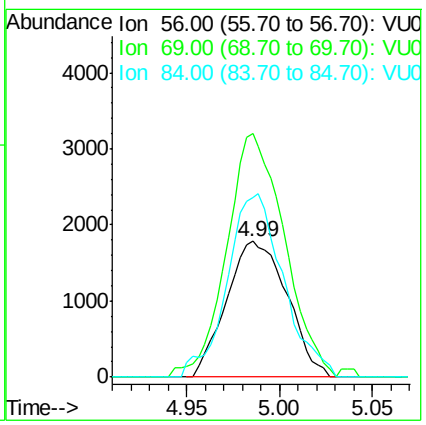


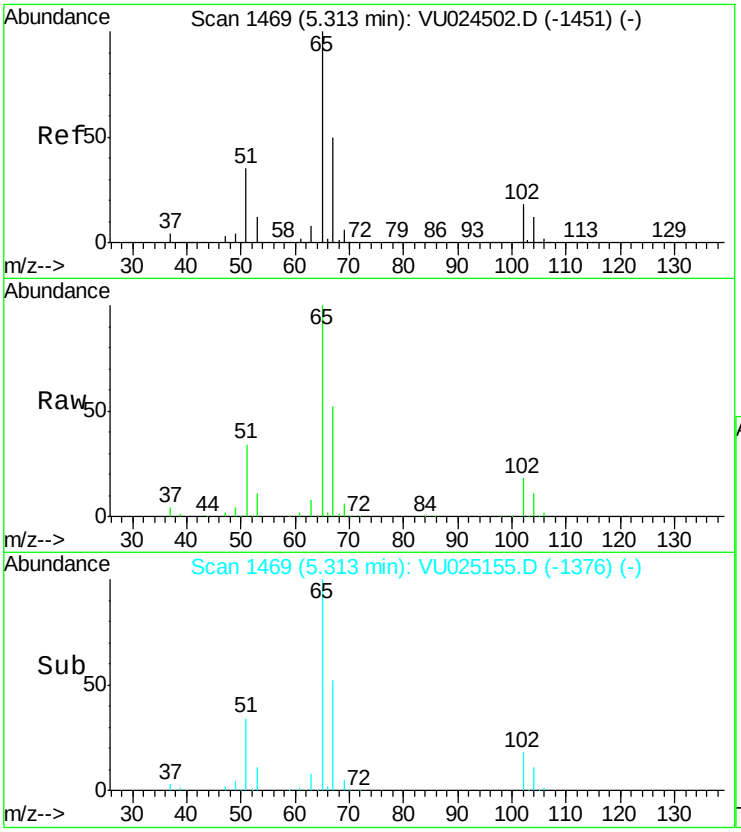


#31
Cyclohexane
Concen: Below Cal
RT: 4.99 min Scan# 1367
Delta R.T. -0.02 min
Lab File: VU025155.D
Acq: 02 Jul 2018 20:05

Tgt Ion: 56 Resp: 4055

Ion	Ratio	Lower	Upper
56	100		
69	179.6	24.8	37.2#
84	132.6	65.2	97.8#



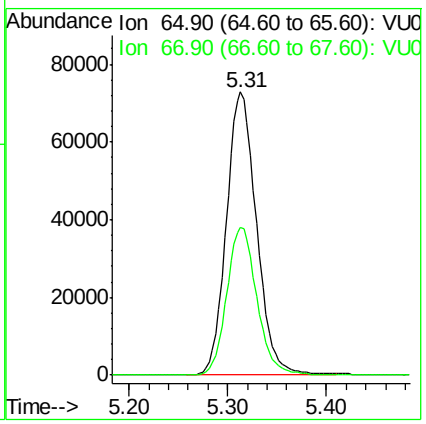


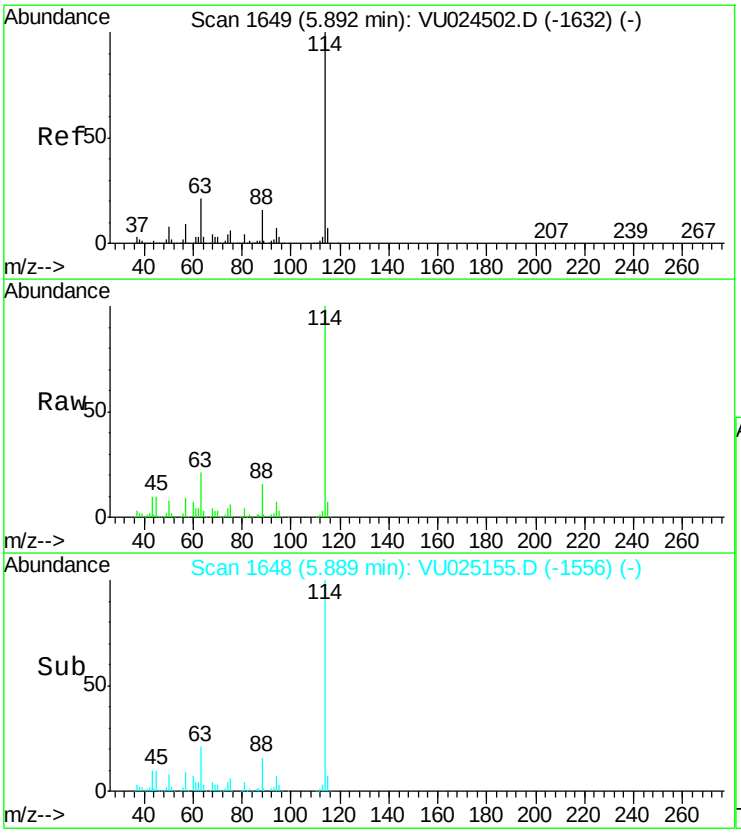
#33
1,2-Dichloroethane-d4
Concen: 46.699 ug/l
RT: 5.31 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VU025155.D
Acq: 02 Jul 2018 20:05

Instrument :
MSVOA_U
ClientSampleId :
CL-01-062918-B

Tgt Ion: 65 Resp: 155618

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	107.0

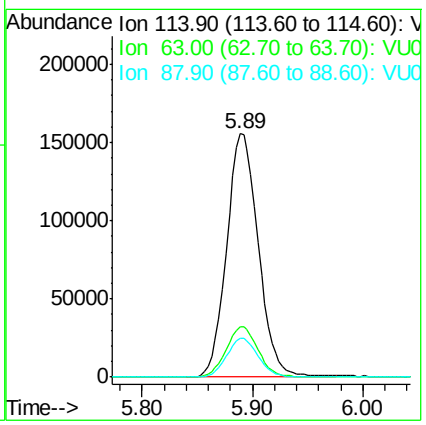


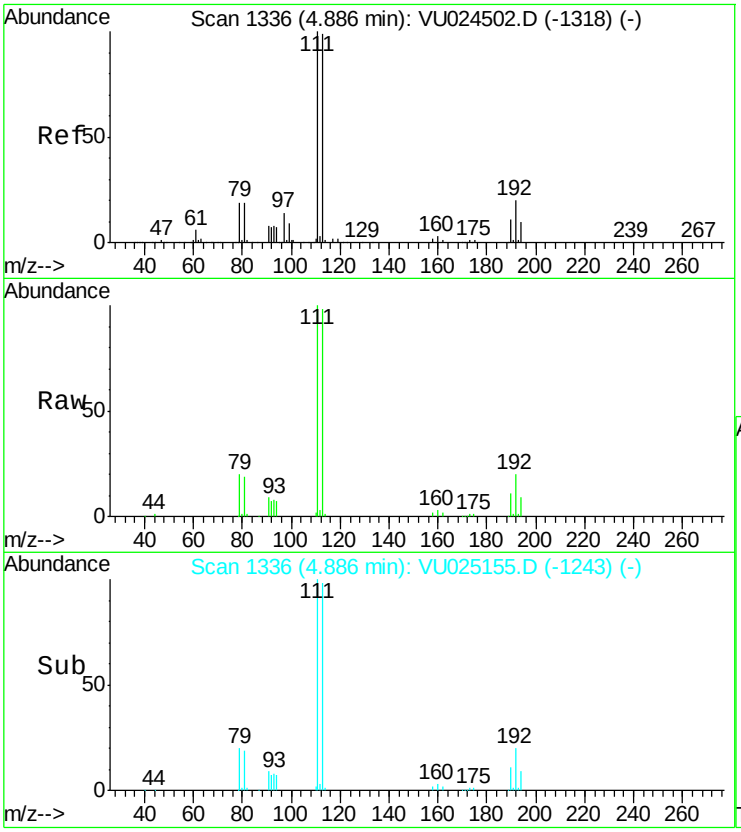


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.89 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VU025155.D
Acq: 02 Jul 2018 20:05

Tgt Ion:114 Resp: 310047

Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	45.4
88	15.9	0.0	31.0



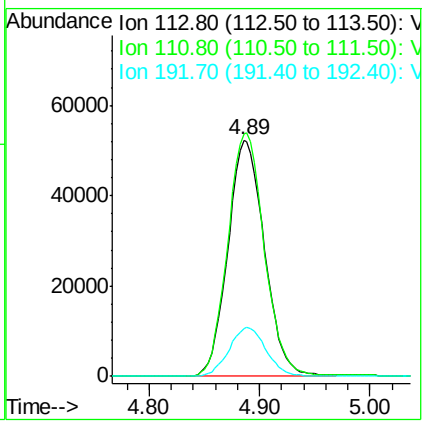


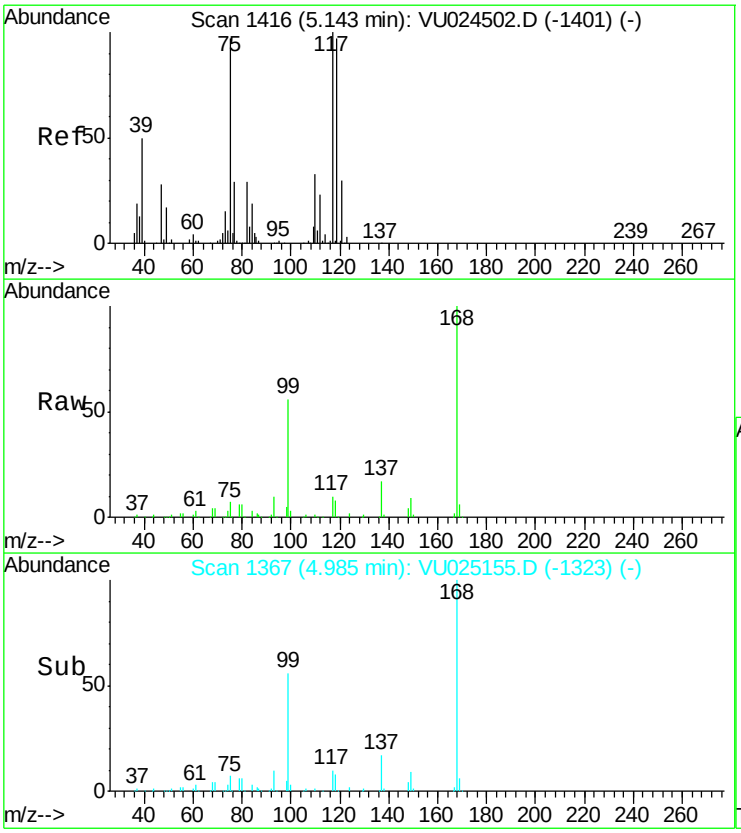
#35
Dibromofluoromethane
Concen: 46.732 ug/l
RT: 4.89 min Scan# 1336
Delta R.T. -0.00 min
Lab File: VU025155.D
Acq: 02 Jul 2018 20:05

Instrument :
MSVOA_U
ClientSampleId :
CL-01-062918-B

Tgt Ion:113 Resp: 120249

Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.2	123.4
192	20.9	16.2	24.4

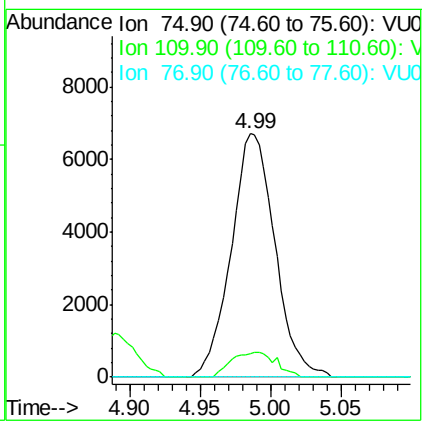


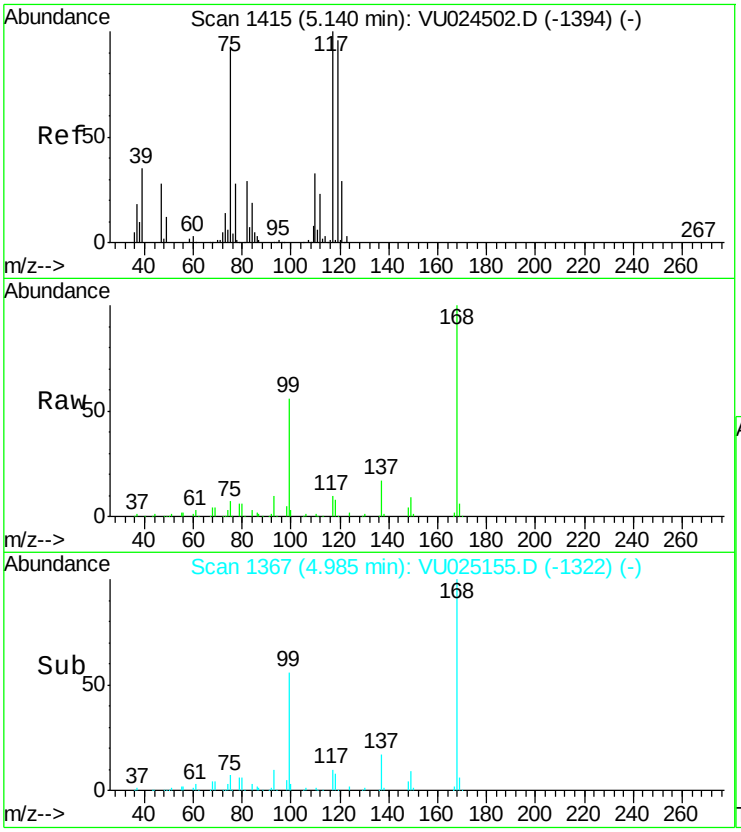


#36
1,1-Dichloropropene
Concen: 3.995 ug/l
RT: 4.99 min Scan# 1367
Delta R.T. -0.16 min
Lab File: VU025155.D
Acq: 02 Jul 2018 20:05

Tgt Ion: 75 Resp: 14556

Ion	Ratio	Lower	Upper
75	100		
110	10.4	17.0	50.9#
77	0.0	24.2	36.4#



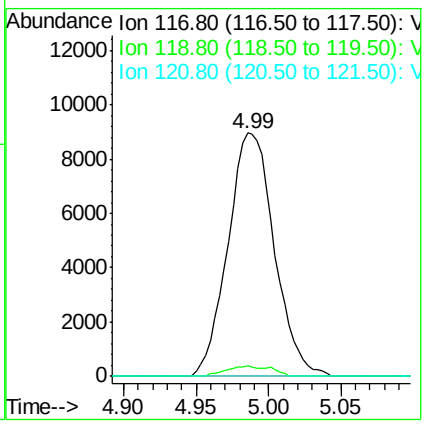


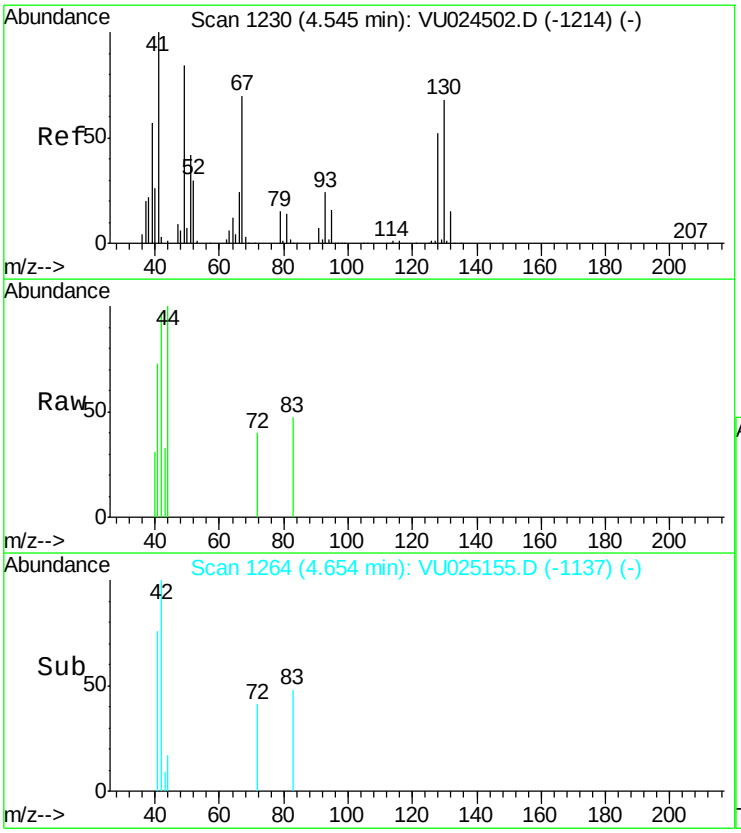
#38
Carbon Tetrachloride
Concen: 4.976 ug/l
RT: 4.99 min Scan# 1367
Delta R.T. -0.15 min
Lab File: VU025155.D
Acq: 02 Jul 2018 20:05

Instrument : MSVOA_U
ClientSampleId : CL-01-062918-B

Tgt Ion:117 Resp: 19935

Ion	Ratio	Lower	Upper
117	100		
119	4.1	76.1	114.1#
121	0.0	23.7	35.5#

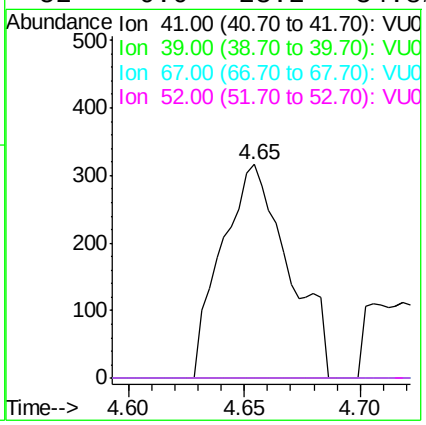


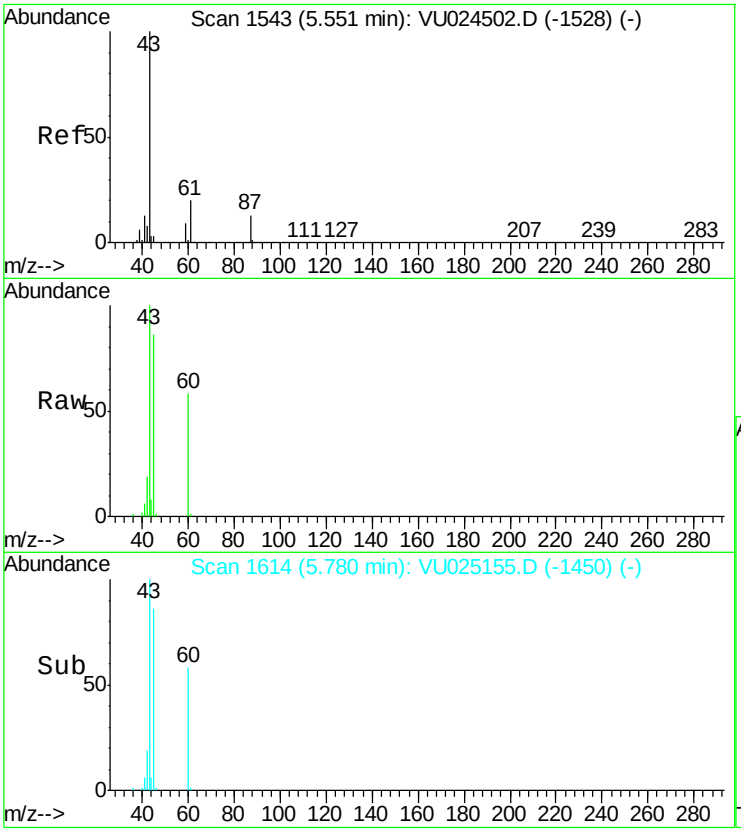


#41
Methacrylonitrile
Concen: 0.296 ug/l
RT: 4.65 min Scan# 1264
Delta R.T. 0.11 min
Lab File: VU025155.D
Acq: 02 Jul 2018 20:05

Tgt Ion: 41 Resp: 634

Ion	Ratio	Lower	Upper
41	100		
39	0.0	43.8	65.6#
67	0.0	56.3	84.5#
52	0.0	23.2	34.8#



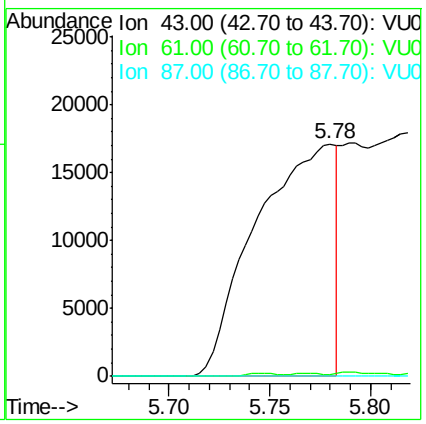


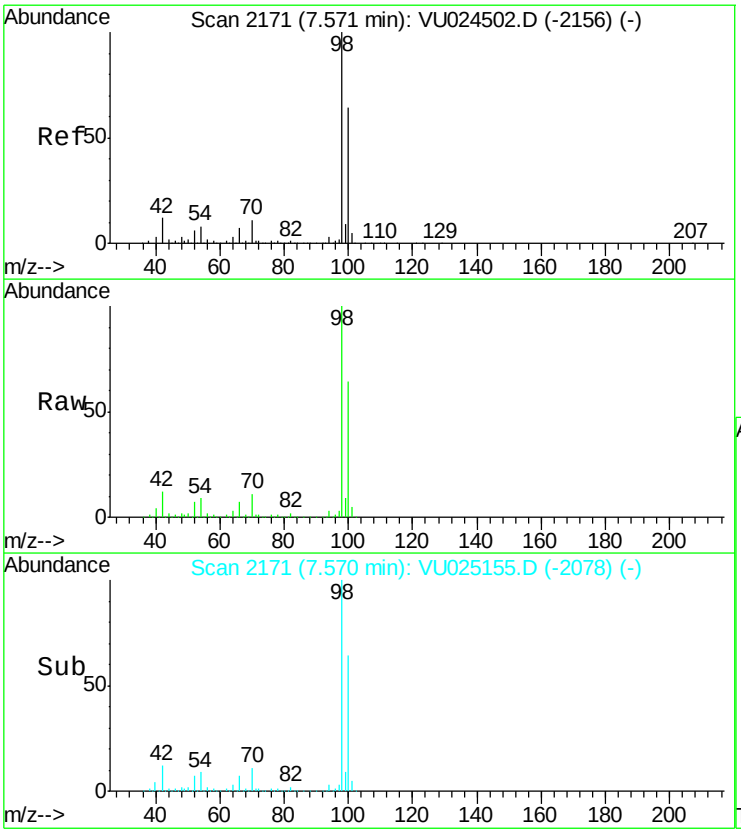
#43
Isopropyl Acetate
Concen: 6.825 ug/l
RT: 5.78 min Scan# 1614
Delta R.T. 0.23 min
Lab File: VU025155.D
Acq: 02 Jul 2018 20:05

Instrument : MSVOA_U
ClientSampleId : CL-01-062918-B

Tgt Ion: 43 Resp: 46848

Ion	Ratio	Lower	Upper
43	100		
61	0.3	15.4	23.0#
87	0.0	10.0	15.0#

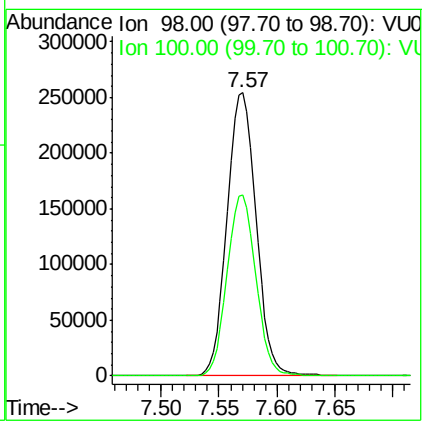


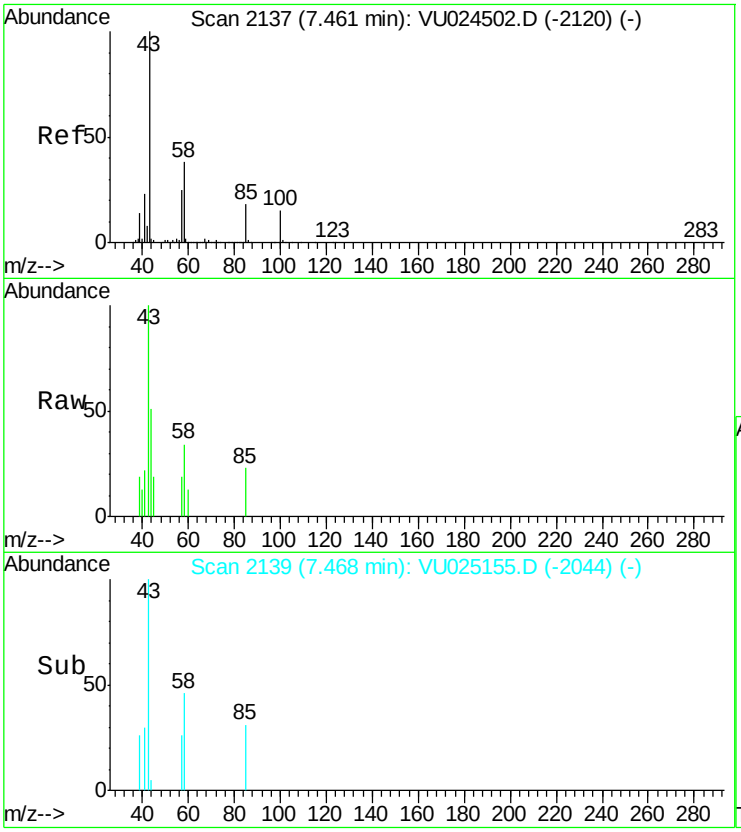


#50
Toluene-d8
Concen: 46.972 ug/l
RT: 7.57 min Scan# 2171
Delta R.T. -0.00 min
Lab File: VU025155.D
Acq: 02 Jul 2018 20:05

Tgt Ion: 98 Resp: 440871

Ion	Ratio	Lower	Upper
98	100		
100	63.3	51.1	76.7



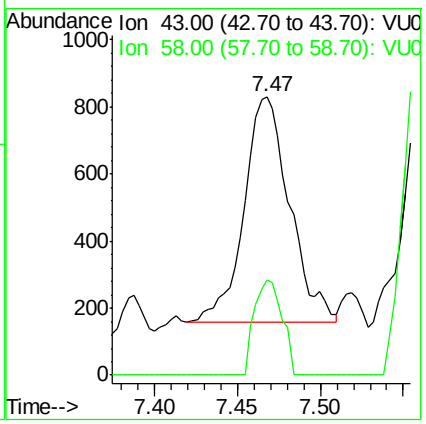


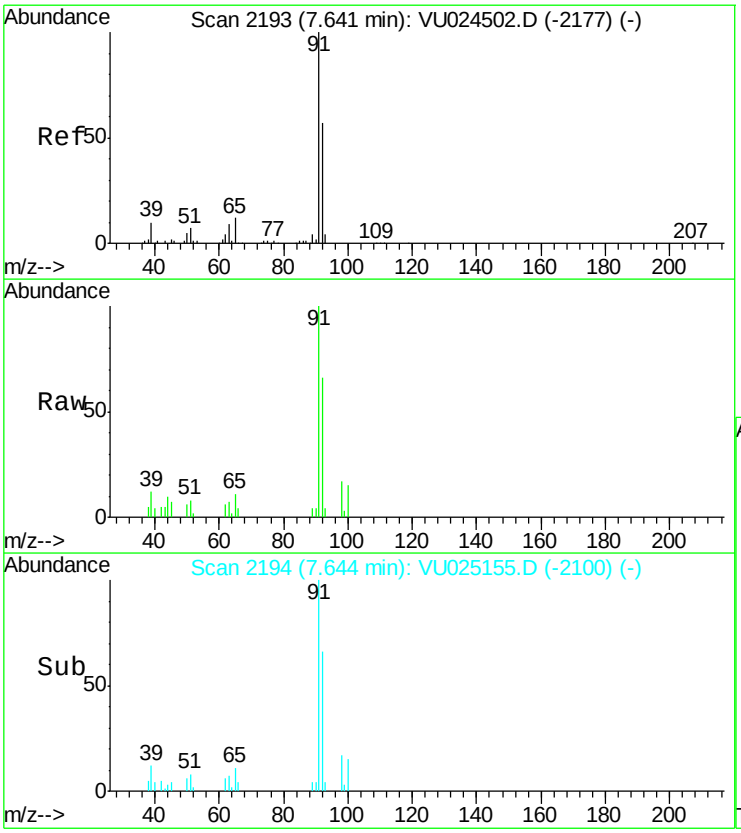
#51
4-Methyl-2-Pentanone
Concen: 0.297 ug/l
RT: 7.47 min Scan# 2139
Delta R.T. 0.01 min
Lab File: VU025155.D
Acq: 02 Jul 2018 20:05

Instrument : MSVOA_U
ClientSampleId : CL-01-062918-B

Tgt Ion: 43 Resp: 1282

Ion	Ratio	Lower	Upper
43	100		
58	25.7	30.0	45.0#

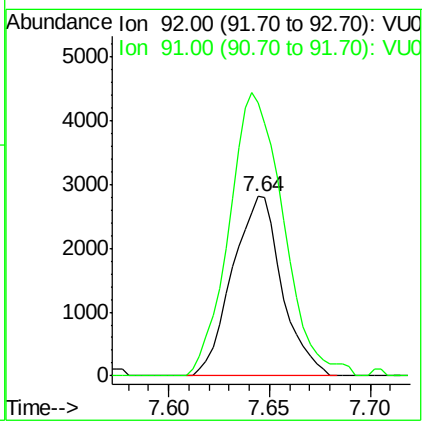


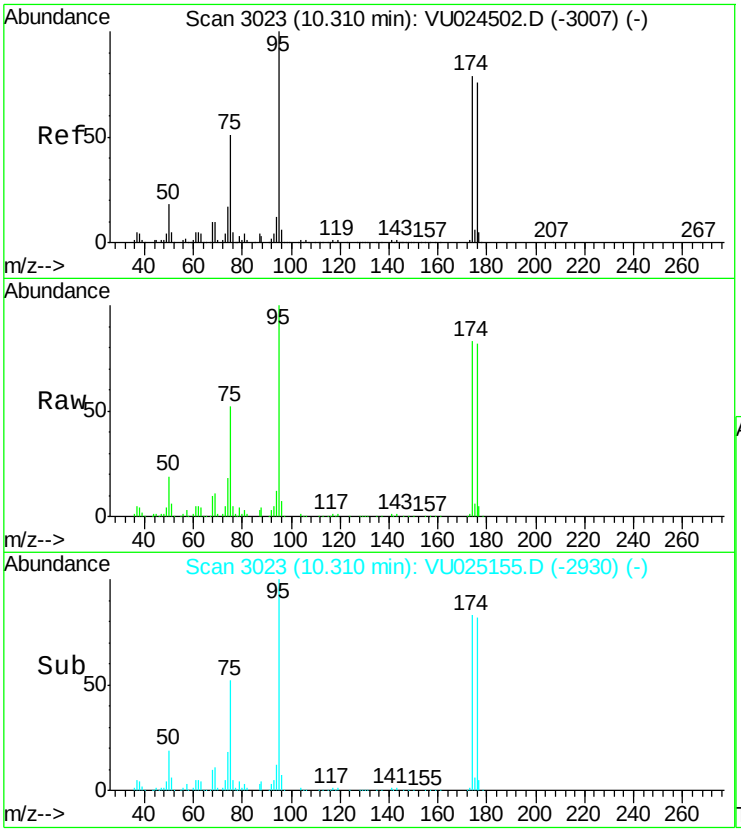


#52
Toluene
Concen: 0.724 ug/l
RT: 7.64 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU025155.D
Acq: 02 Jul 2018 20:05

Tgt Ion: 92 Resp: 4835

Ion	Ratio	Lower	Upper
92	100		
91	172.8	140.5	210.7



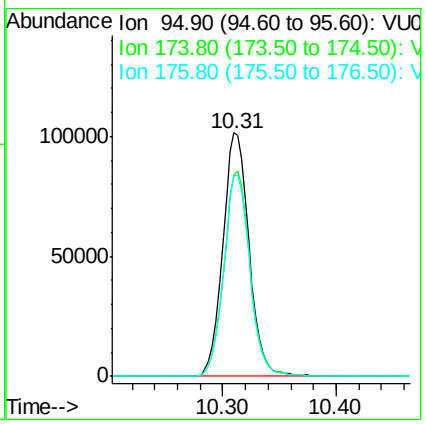


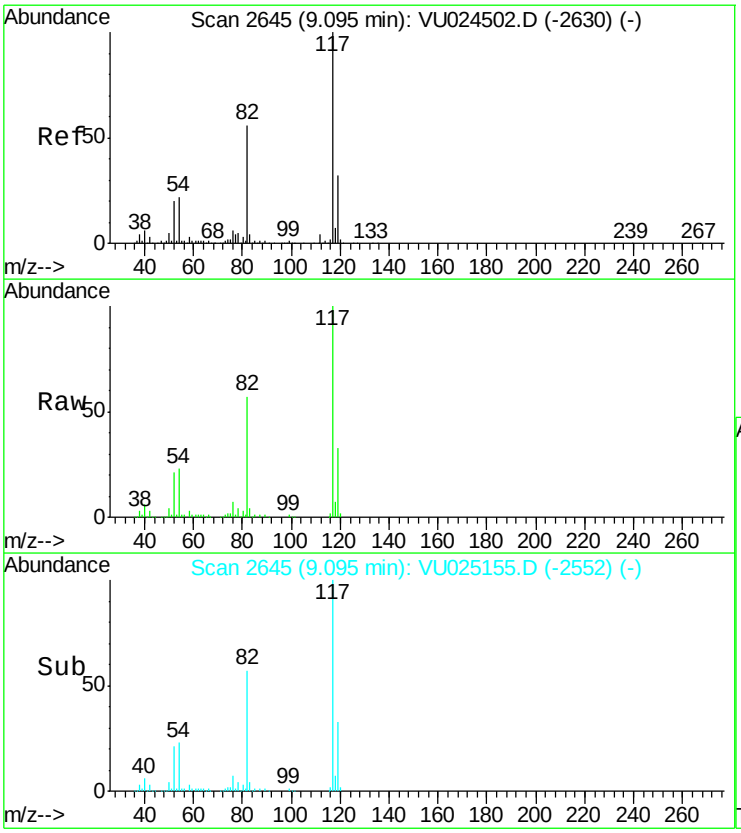
#62
4-Bromofluorobenzene
Concen: 43.879 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. -0.00 min
Lab File: VU025155.D
Acq: 02 Jul 2018 20:05

Instrument : MSVOA_U
ClientSampleId : CL-01-062918-B

Tgt Ion: 95 Resp: 163518

Ion	Ratio	Lower	Upper
95	100		
174	83.7	0.0	165.8
176	82.6	0.0	159.4

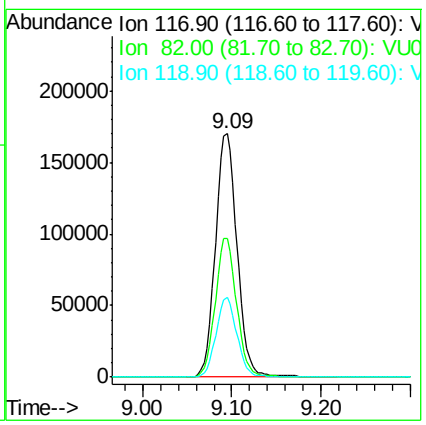


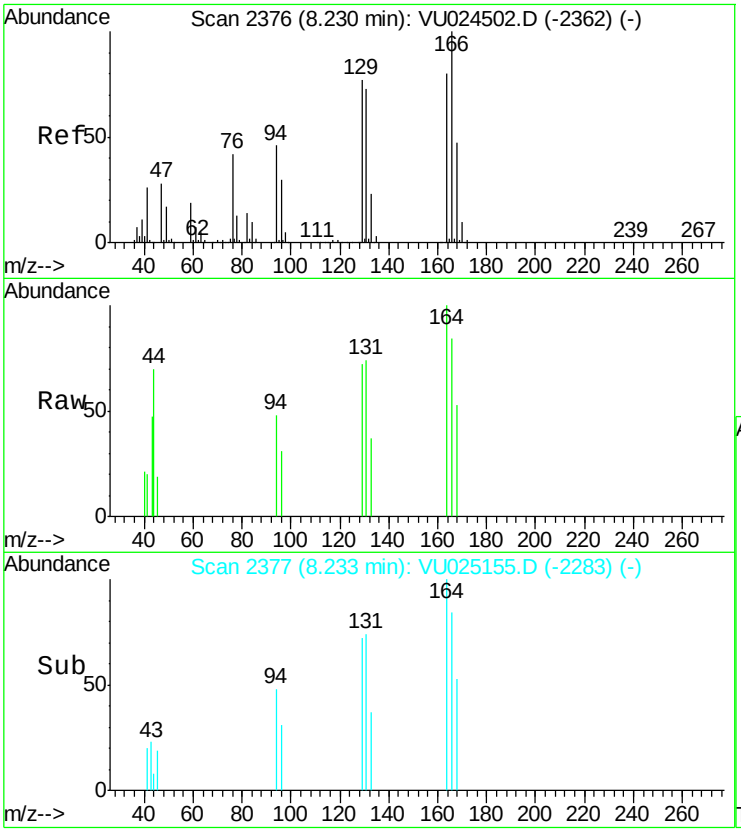


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. -0.00 min
Lab File: VU025155.D
Acq: 02 Jul 2018 20:05

Tgt Ion:117 Resp: 285179

Ion	Ratio	Lower	Upper
117	100		
82	57.0	44.3	66.5
119	32.6	25.4	38.2



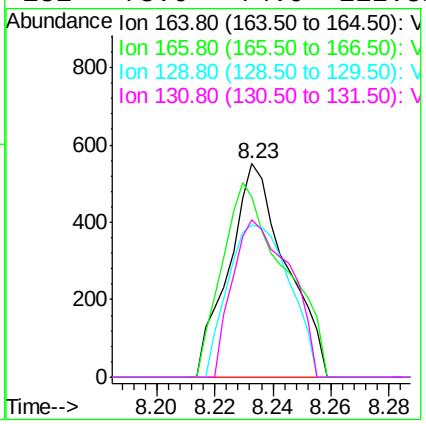


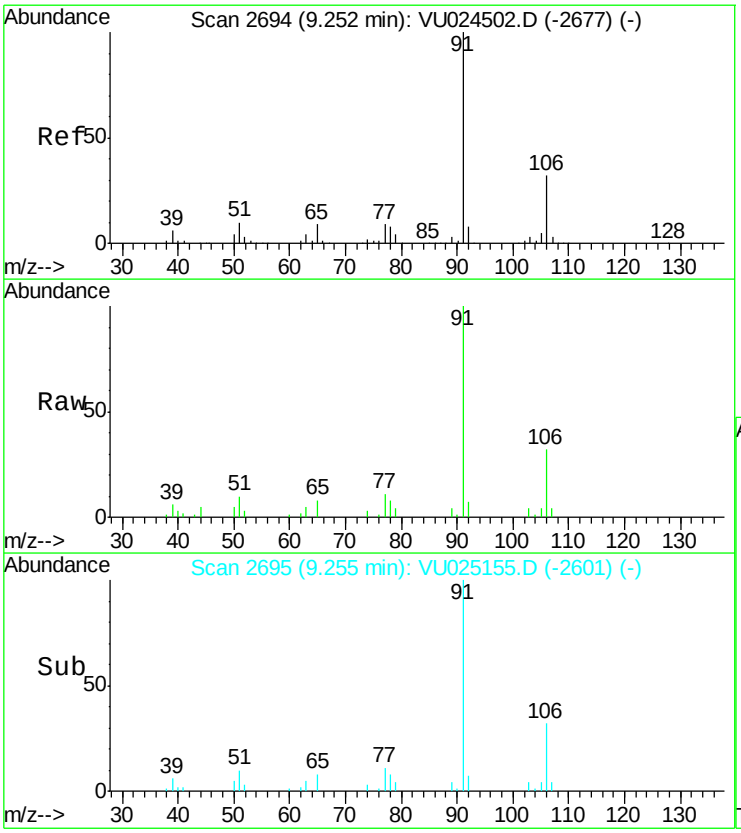
#64
Tetrachloroethene
Concen: 0.279 ug/l
RT: 8.23 min Scan# 2377
Delta R.T. 0.00 min
Lab File: VU025155.D
Acq: 02 Jul 2018 20:05

Instrument : MSVOA_U
ClientSampleId : CL-01-062918-B

Tgt Ion:164 Resp: 755

Ion	Ratio	Lower	Upper
164	100		
166	84.4	101.7	152.5#
129	71.6	76.9	115.3#
131	73.6	74.9	112.3#

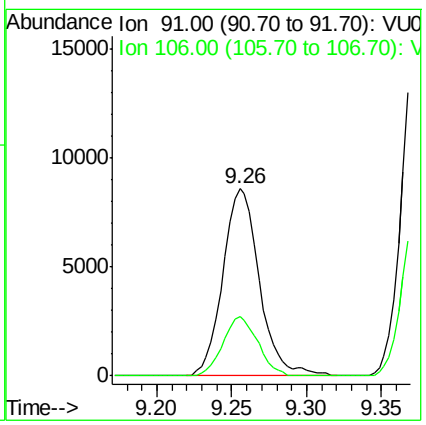


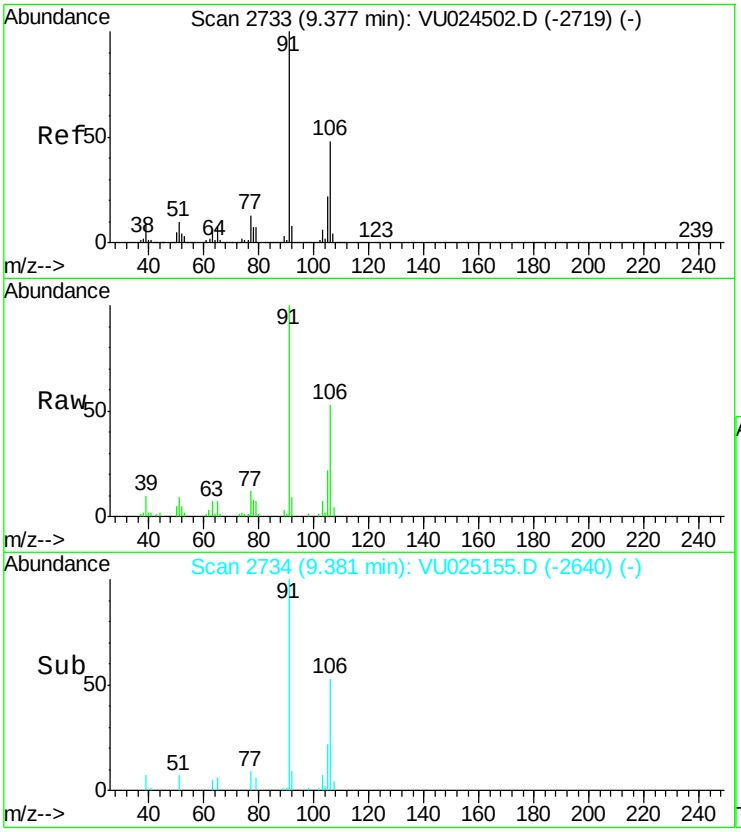


#67
Ethyl Benzene
Concen: 1.144 ug/l
RT: 9.26 min Scan# 2695
Delta R.T. 0.00 min
Lab File: VU025155.D
Acq: 02 Jul 2018 20:05

Tgt Ion: 91 Resp: 14617

Ion	Ratio	Lower	Upper
91	100		
106	32.1	24.2	36.4



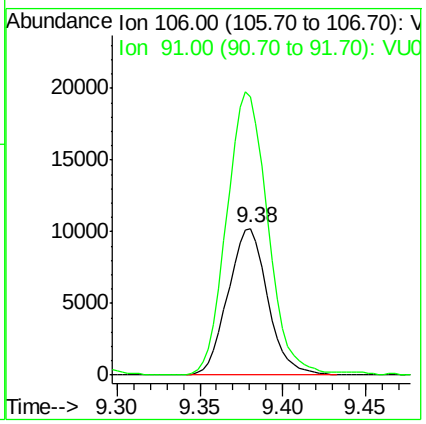


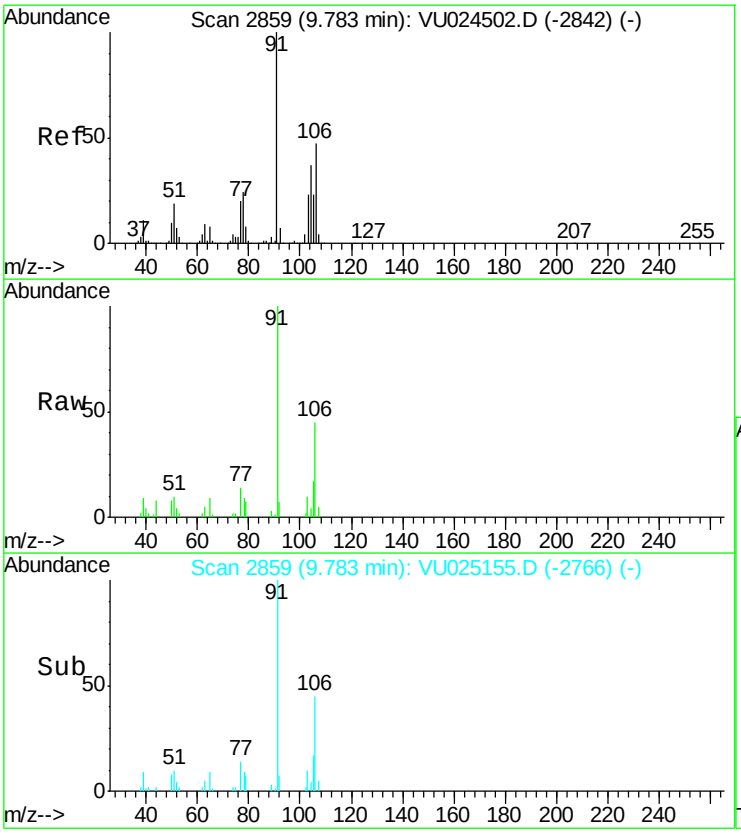
#68
m/p-Xylenes
Concen: 3.468 ug/l
RT: 9.38 min Scan# 2734
Delta R.T. 0.00 min
Lab File: VU025155.D
Acq: 02 Jul 2018 20:05

Instrument : MSVOA_U
ClientSampleId : CL-01-062918-B

Tgt Ion:106 Resp: 17006

Ion	Ratio	Lower	Upper
106	100		
91	199.8	166.5	249.7

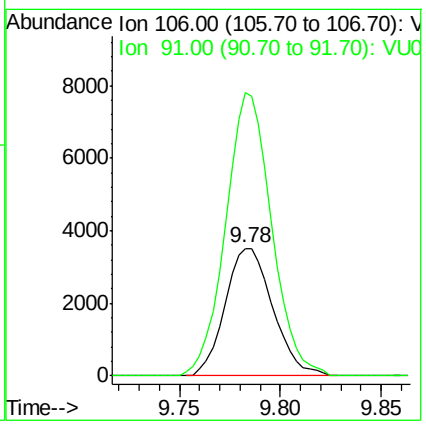


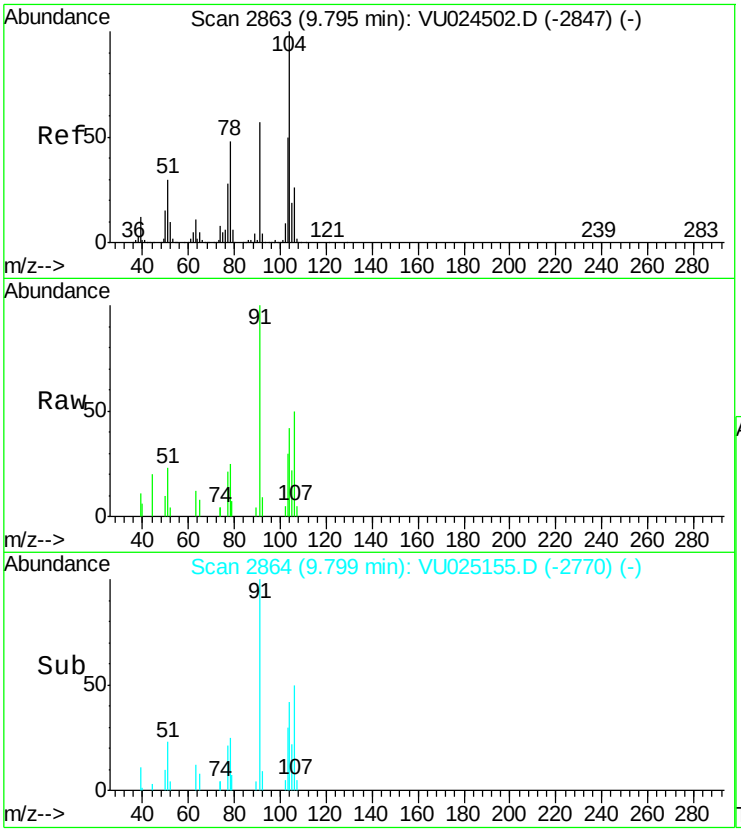


#69
o-Xylene
Concen: 1.202 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. -0.00 min
Lab File: VU025155.D
Acq: 02 Jul 2018 20:05

Tgt Ion:106 Resp: 5833

Ion	Ratio	Lower	Upper
106	100		
91	213.5	110.7	331.9



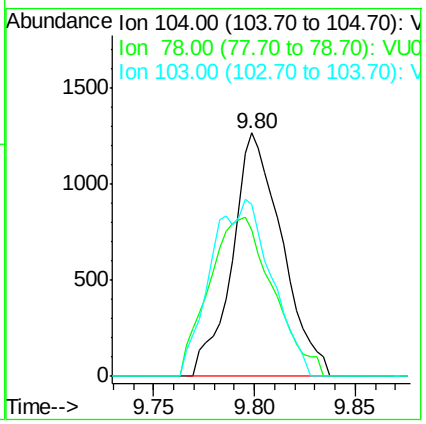


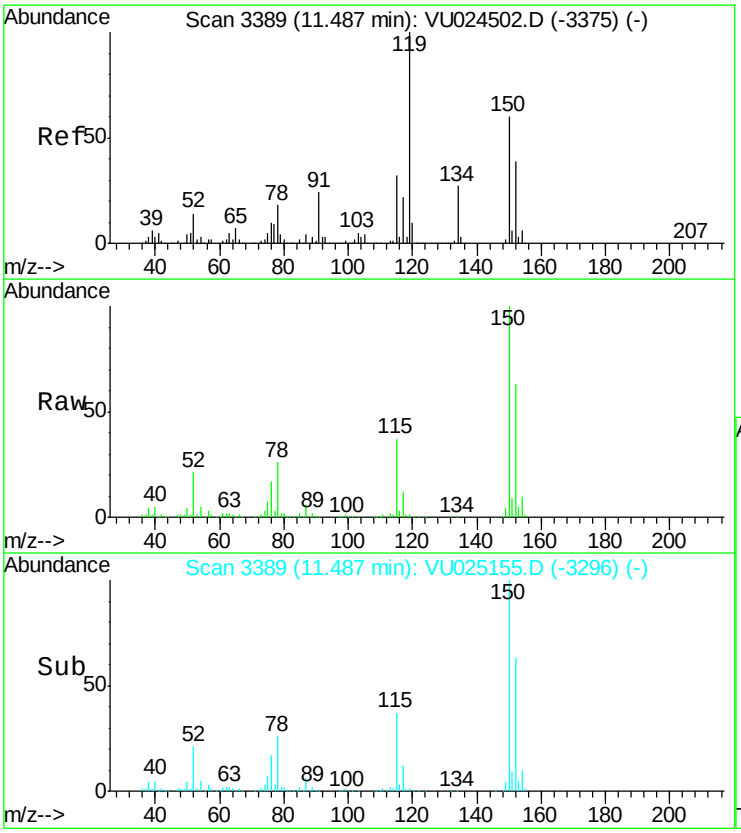
#70
Stvrene
Concen: 0.273 ug/l
RT: 9.80 min Scan# 2864
Delta R.T. 0.00 min
Lab File: VU025155.D
Acq: 02 Jul 2018 20:05

Instrument : MSVOA_U
ClientSampleId : CL-01-062918-B

Tgt Ion:104 Resp: 2177

Ion	Ratio	Lower	Upper
104	100		
78	83.6	40.6	60.8#
103	88.2	44.7	67.1#

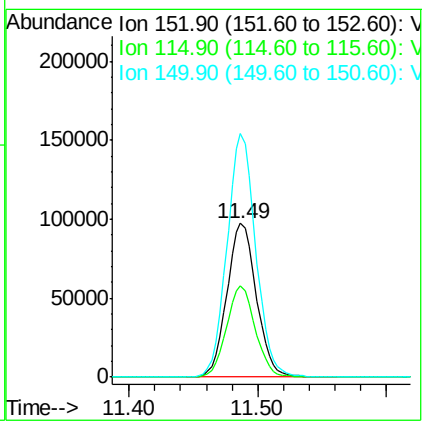


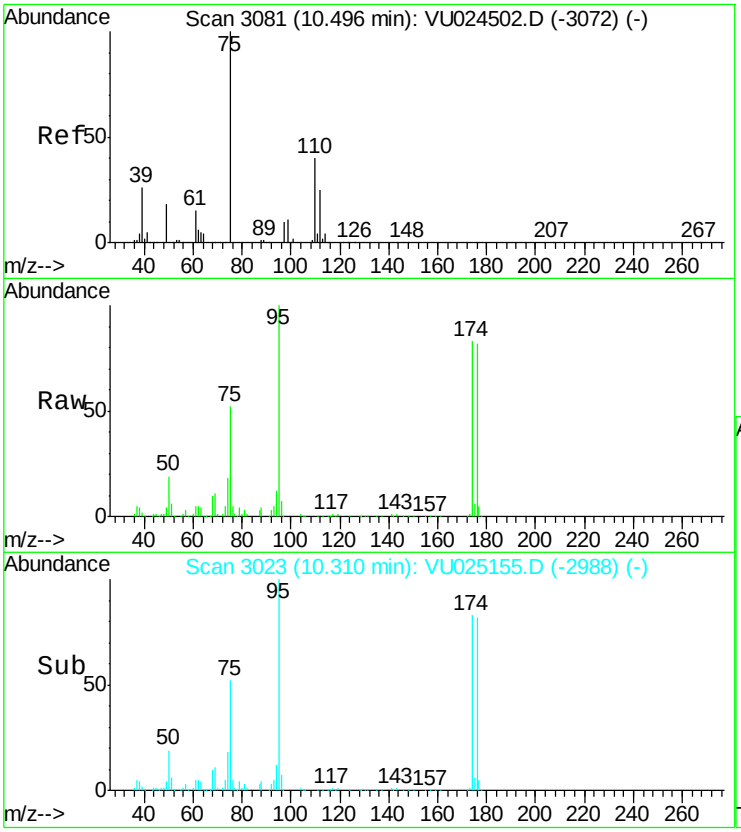


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. -0.00 min
Lab File: VU025155.D
Acq: 02 Jul 2018 20:05

Tgt Ion:152 Resp: 154369

Ion	Ratio	Lower	Upper
152	100		
115	57.9	43.0	129.0
150	154.7	0.0	354.0



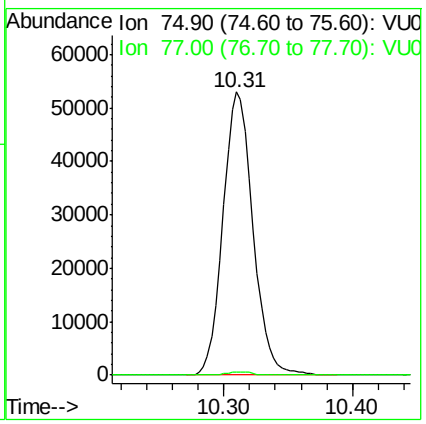


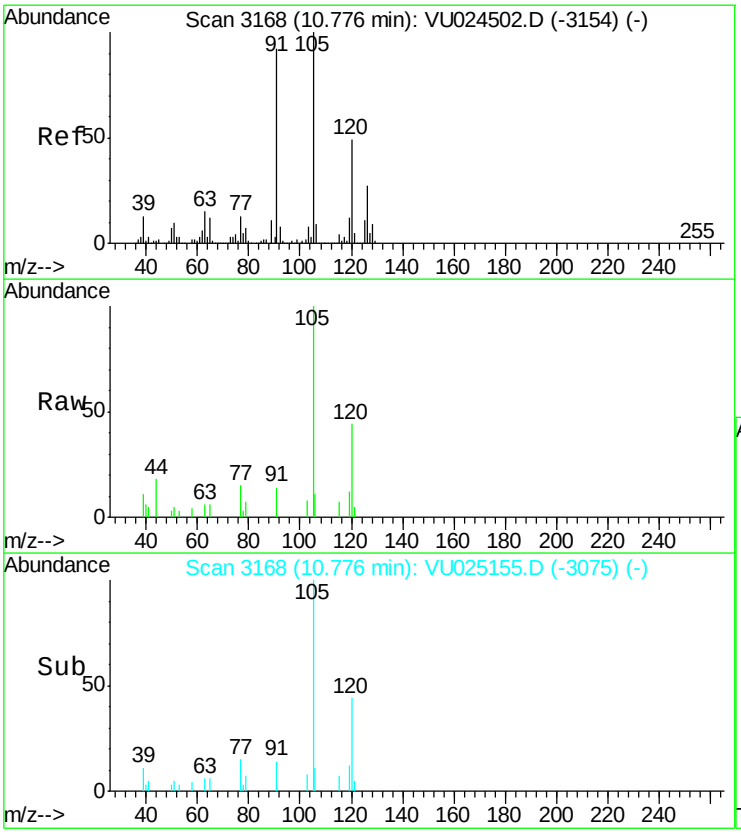
#76
1,2,3-Trichloropropane
Concen: 25.123 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. -0.19 min
Lab File: VU025155.D
Acq: 02 Jul 2018 20:05

Instrument :
MSVOA_U
ClientSampleId :
CL-01-062918-B

Tgt Ion: 75 Resp: 85385

Ion	Ratio	Lower	Upper
75	100		
77	1.0	20.9	62.7#

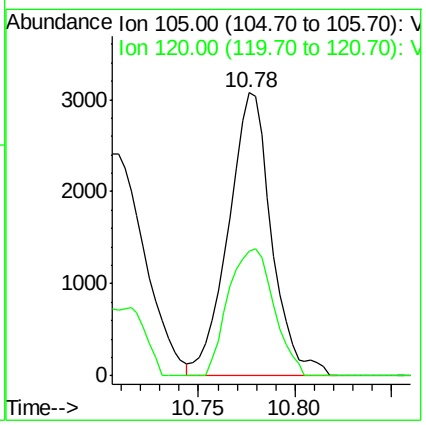


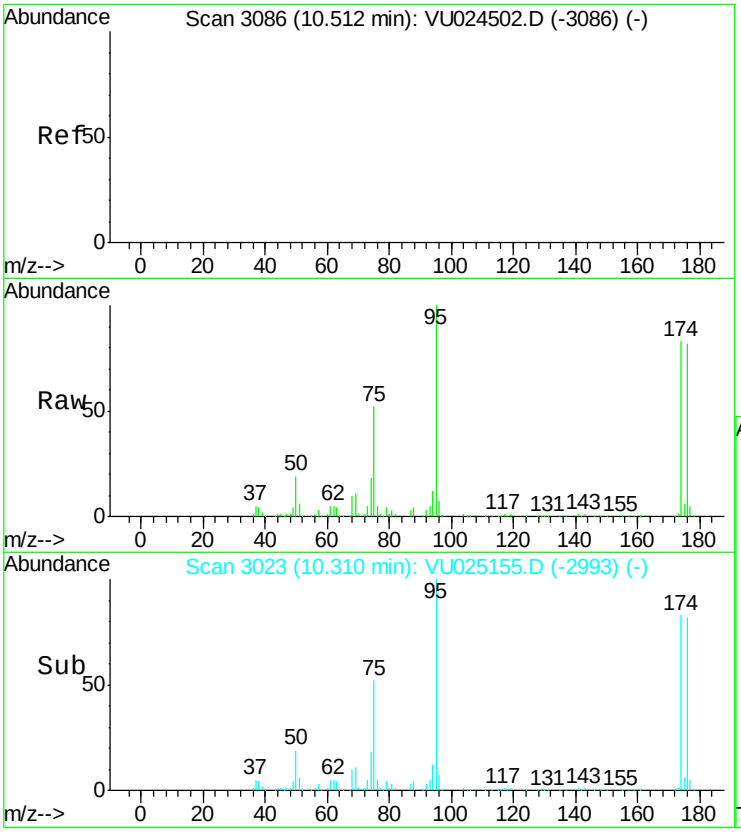


#80
1,3,5-Trimethylbenzene
Concen: 0.465 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. -0.00 min
Lab File: VU025155.D
Acq: 02 Jul 2018 20:05

Tgt Ion:105 Resp: 4775

Ion	Ratio	Lower	Upper
105	100		
120	47.1	24.1	72.2



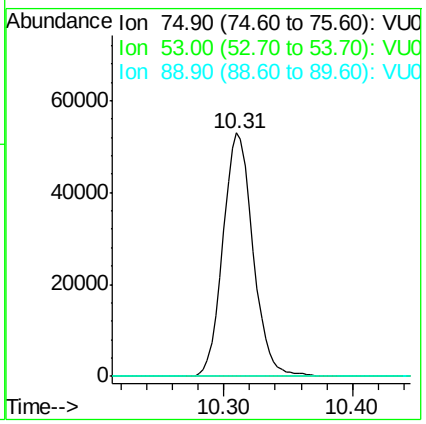


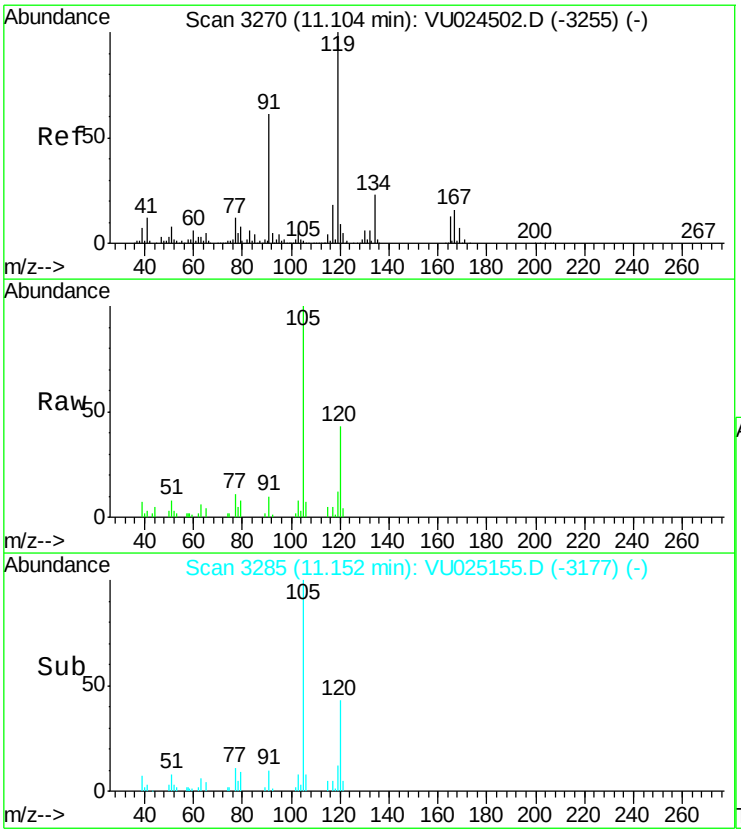
#81
trans-1,4-Dichloro-2-butene
Concen: 58.146 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. -0.20 min
Lab File: VU025155.D
Acq: 02 Jul 2018 20:05

Instrument : MSVOA_U
ClientSampleId : CL-01-062918-B

Tgt Ion: 75 Resp: 85385

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

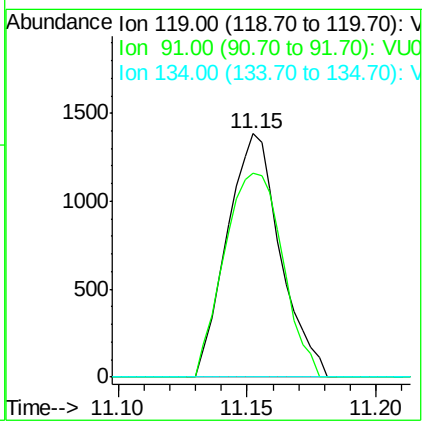


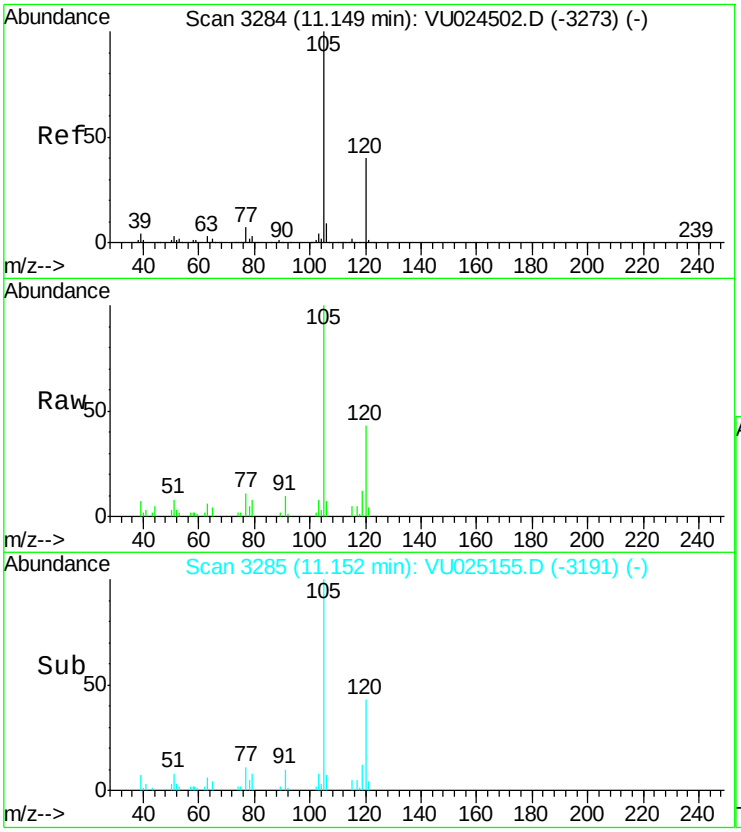


#83
tert-Butylbenzene
Concen: 0.201 ug/l
RT: 11.15 min Scan# 3285
Delta R.T. 0.05 min
Lab File: VU025155.D
Acq: 02 Jul 2018 20:05

Tgt Ion:119 Resp: 1988

Ion	Ratio	Lower	Upper
119	100		
91	92.1	29.7	89.1#
134	0.0	11.6	34.7#



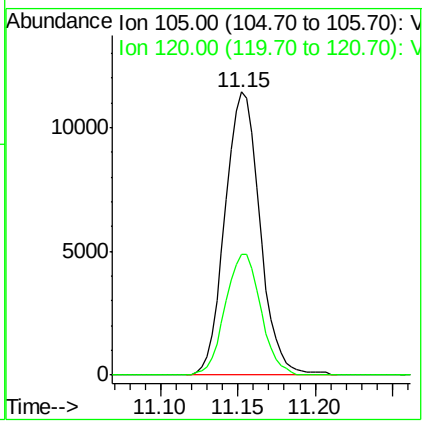


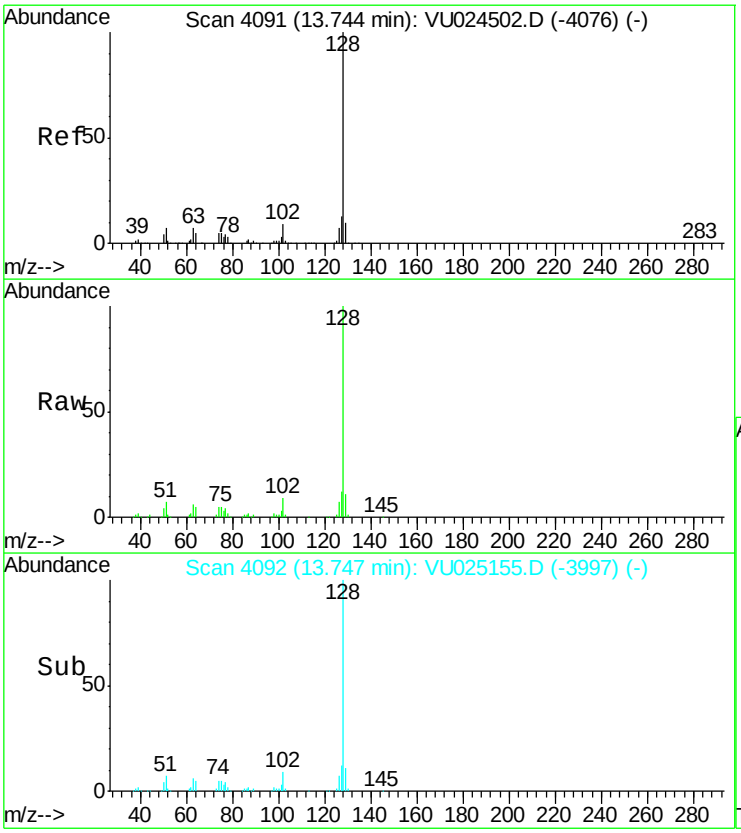
#84
1,2,4-Trimethylbenzene
Concen: 1.713 ug/l
RT: 11.15 min Scan# 3285
Delta R.T. 0.00 min
Lab File: VU025155.D
Acq: 02 Jul 2018 20:05

Instrument :
MSVOA_U
ClientSampleId :
CL-01-062918-B

Tgt Ion:105 Resp: 17934

Ion	Ratio	Lower	Upper
105	100		
120	43.3	22.6	67.8





#95
Naphthalene
Concen: 13.918 ug/l
RT: 13.75 min Scan# 4092
Delta R.T. 0.00 min
Lab File: VU025155.D
Acq: 02 Jul 2018 20:05

Tgt Ion:128 Resp: 152344

Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.6	16.0
129	10.7	8.6	12.8