Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062818\
Data File : VU025015.D
Acq On : 28 Jun 2018 13:03
Operator : MD/SY
Sample : J3670-11ME
Misc : 5.73g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : WP021SB477-19-21-180621ME

Quant Time: Jun 29 05:05:05 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	4.98	168	228011	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	347720	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.10	117	336165	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	192840	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	174538	46.89	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.78%			
35) Dibromofluoromethane	4.89	113	134064	46.46	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.92%			
50) Toluene-d8	7.57	98	503220	47.81	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.62%			
62) 4-Bromofluorobenzene	10.32	95	212024	50.73	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.46%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	1034	0.355	ug/l	97
4) Vinyl Chloride	1.40	62	25821	8.587	ug/l	96
5) Bromomethane	1.60	94	938	0.645	ug/l	85
6) Chloroethane	1.61	64	357	Below Cal	#	43
8) Diethyl Ether	1.81	74	74	Below Cal	#	1
10) Methyl Iodide	2.38	142	674	5.539	ug/l #	93
11) Tert butyl alcohol	2.83	59	4099	4.528	ug/l #	72
13) Acrolein	2.20	56	145	0.305	ug/l #	13
17) Carbon Disulfide	2.44	76	1923	0.231	ug/l #	92
18) Methyl Acetate	2.63	43	1886	0.440	ug/l #	73
27) cis-1,2-Dichloroethene	4.22	96	62288	18.947	ug/l	90
31) Cyclohexane	4.98	56	4425	Below Cal	#	1
36) 1,1-Dichloropropene	4.98	75	17722	4.337	ug/l #	51
38) Carbon Tetrachloride	4.98	117	22197	4.940	ug/l #	16
39) Methylcyclohexane	6.41	83	1077	0.211	ug/l #	78
52) Toluene	7.64	92	18431	2.461	ug/l	93
65) Chlorobenzene	9.13	112	14513	1.690	ug/l	94
68) m/p-Xylenes	9.38	106	2631	0.455	ug/l	96
76) 1,2,3-Trichloropropane	10.32	75	108968	25.666	ug/l #	35
80) 1,3,5-Trimethylbenzene	10.78	105	4811	0.375	ug/l	93
81) trans-1,4-Dichloro-2-buten	10.32	75	108968	59.402	ug/l #	100
84) 1,2,4-Trimethylbenzene	11.16	105	6526	0.499	ug/l	98
86) p-Isopropyltoluene	11.43	119	2972	0.215	ug/l	92
87) 1,3-Dichlorobenzene	11.43	146	2205	0.318	ug/l	88
88) 1,4-Dichlorobenzene	11.43	146	2205	0.316	ug/l	88
89) n-Butylbenzene	11.90	91	2694	0.219	ug/l #	46
91) 1,2-Dichlorobenzene	11.89	146	11254	1.623	ug/l	95
95) Naphthalene	13.75	128	3950	0.954	ug/l #	87

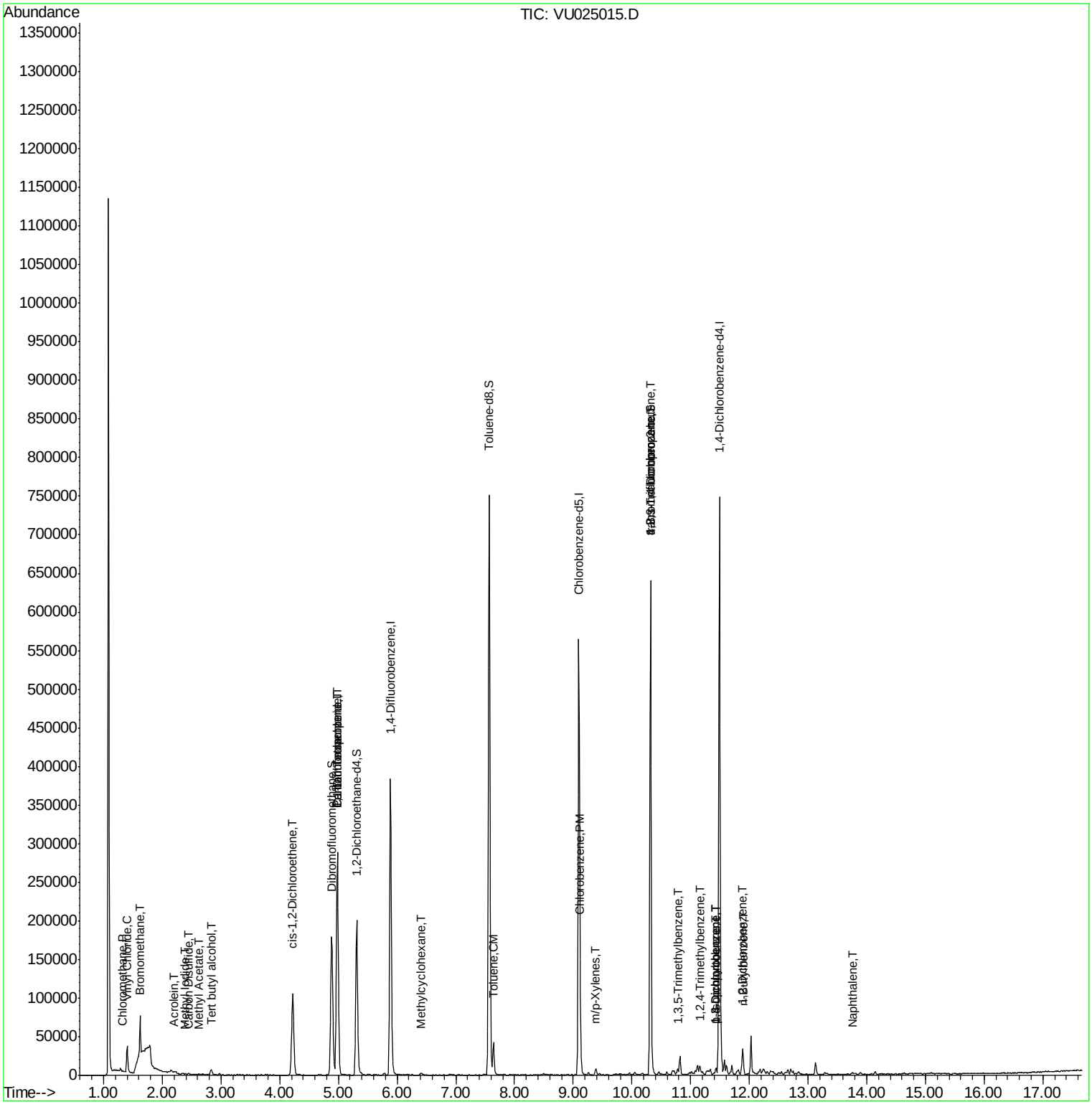
(#) = qualifier out of range (m) = manual integration (+) = signals summed

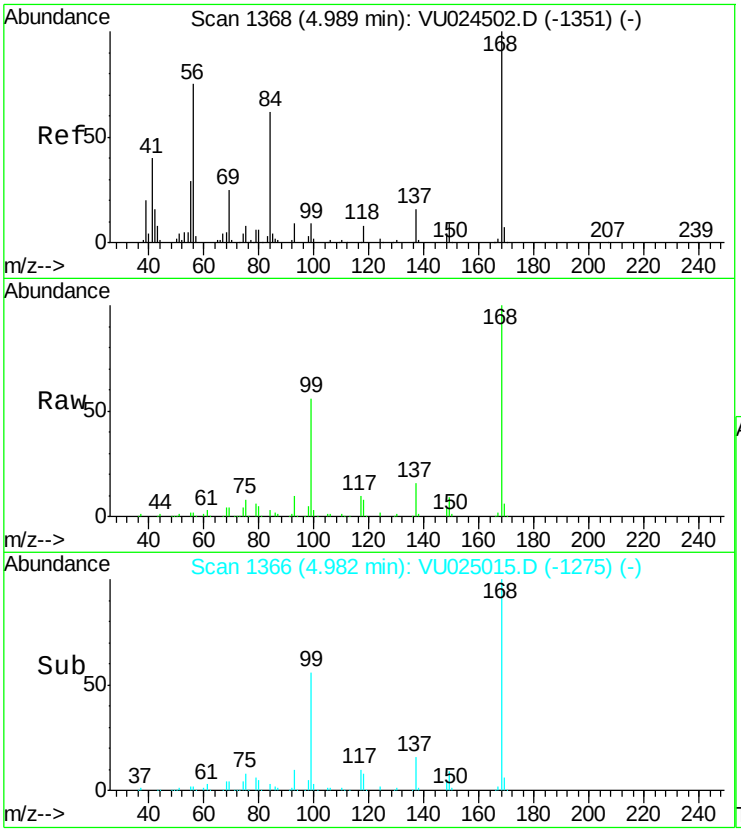
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062818\
Data File : VU025015.D
Acq On : 28 Jun 2018 13:03
Operator : MD/SY
Sample : J3670-11ME
Misc : 5.73g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
WP021SB477-19-21-180621ME

Quant Time: Jun 29 05:05:05 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



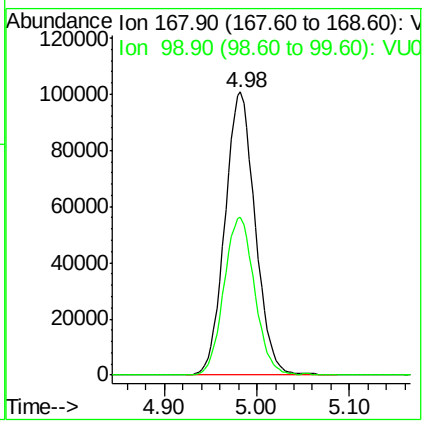


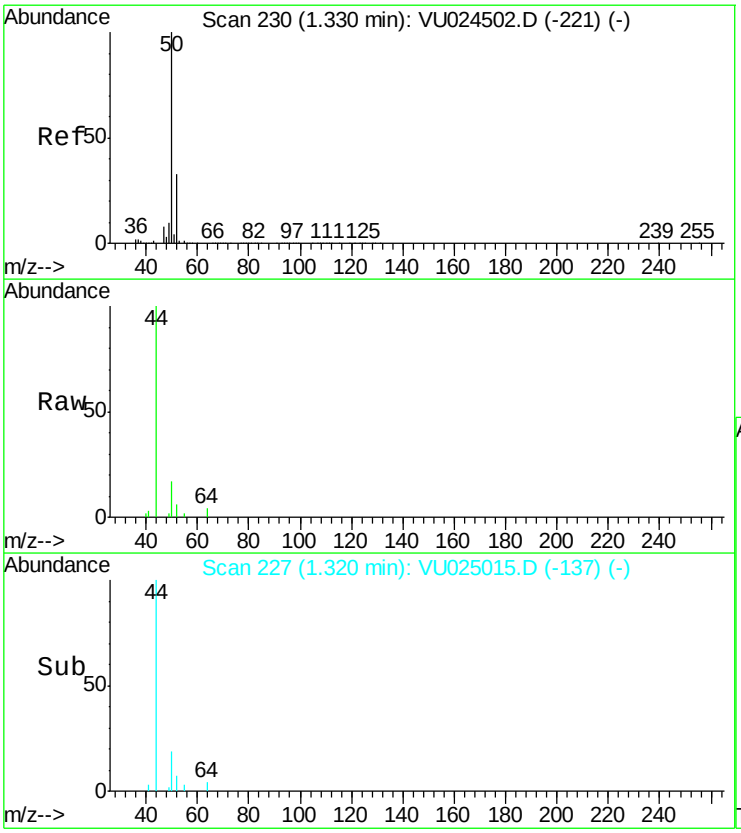
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.98 min Scan# 1366
Delta R.T. -0.01 min
Lab File: VU025015.D
Acq: 28 Jun 2018 13:03

Instrument :
MSVOA_U
ClientSampleId :
WP021SB477-19-21-180621ME

Tgt Ion:168 Resp: 228011

Ion	Ratio	Lower	Upper
168	100		
99	55.7	43.2	64.8

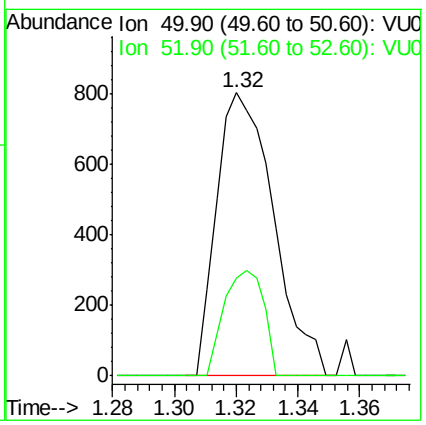


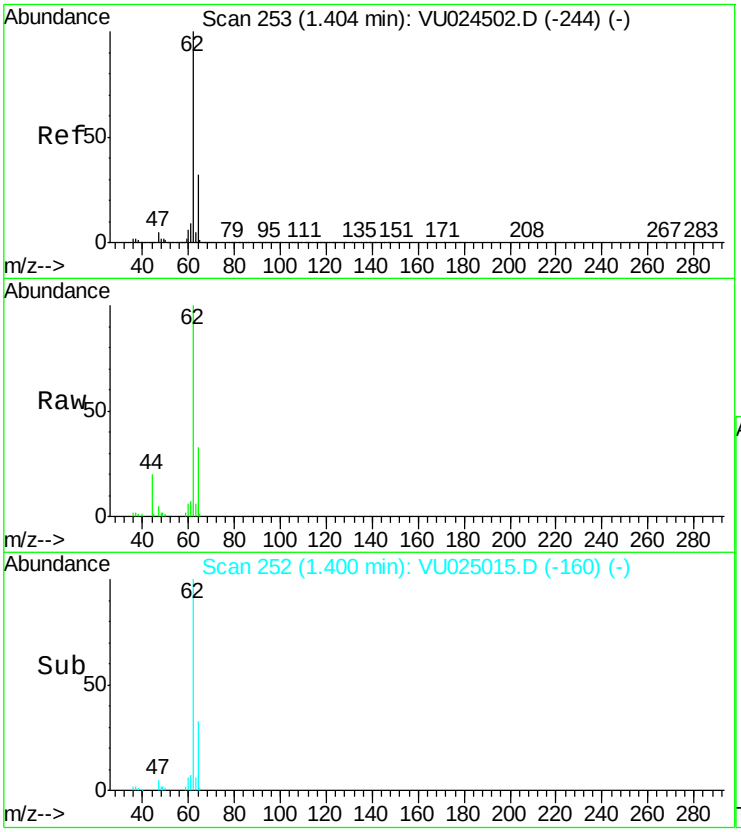


#3
Chloromethane
Concen: 0.355 ug/l
RT: 1.32 min Scan# 227
Delta R.T. -0.01 min
Lab File: VU025015.D
Acq: 28 Jun 2018 13:03

Tgt Ion: 50 Resp: 1034

Ion	Ratio	Lower	Upper
50	100		
52	34.7	26.4	39.6



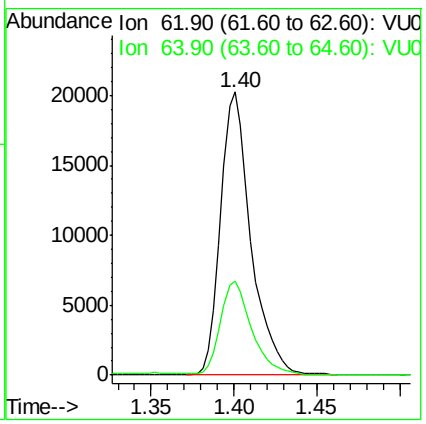


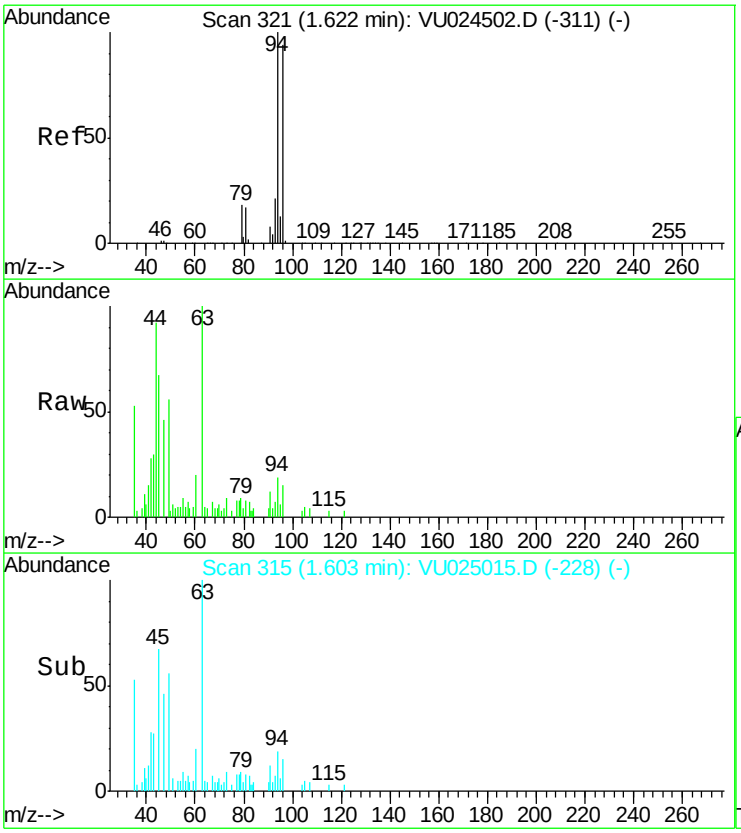
#4
Vinyl Chloride
Concen: 8.587 ug/l
RT: 1.40 min Scan# 252
Delta R.T. -0.00 min
Lab File: VU025015.D
Acq: 28 Jun 2018 13:03

Instrument :
MSVOA_U
ClientSampleId :
WP021SB477-19-21-180621ME

Tgt Ion: 62 Resp: 25821

Ion	Ratio	Lower	Upper
62	100		
64	33.2	24.8	37.2

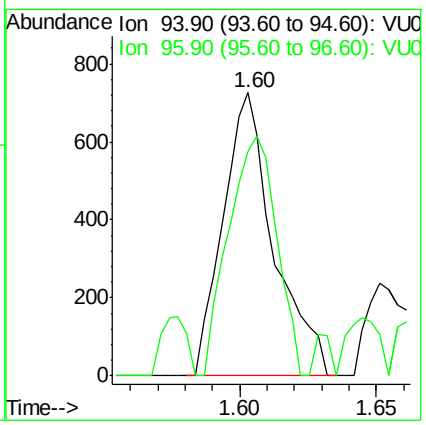


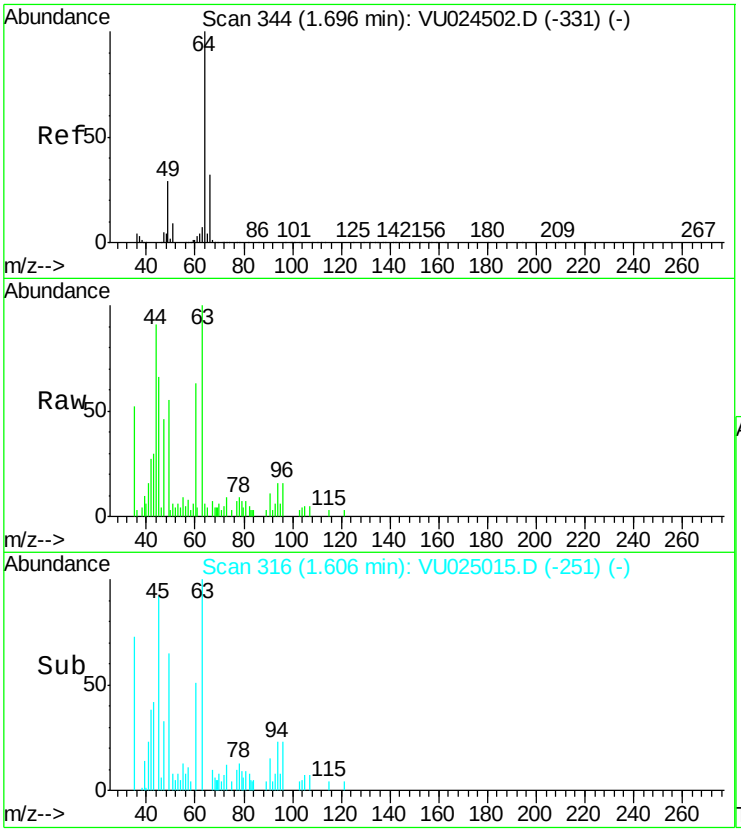


#5
Bromomethane
Concen: 0.645 ug/l
RT: 1.60 min Scan# 315
Delta R.T. -0.02 min
Lab File: VU025015.D
Acq: 28 Jun 2018 13:03

Tgt Ion: 94 Resp: 938

Ion	Ratio	Lower	Upper
94	100		
96	79.1	74.5	111.7



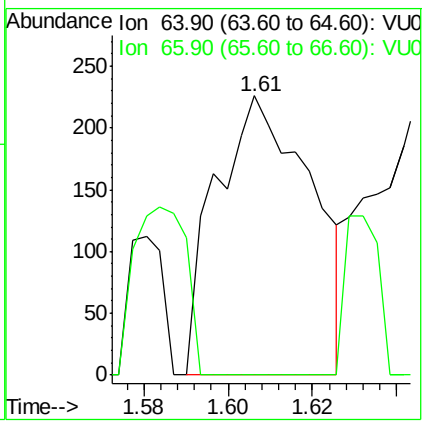


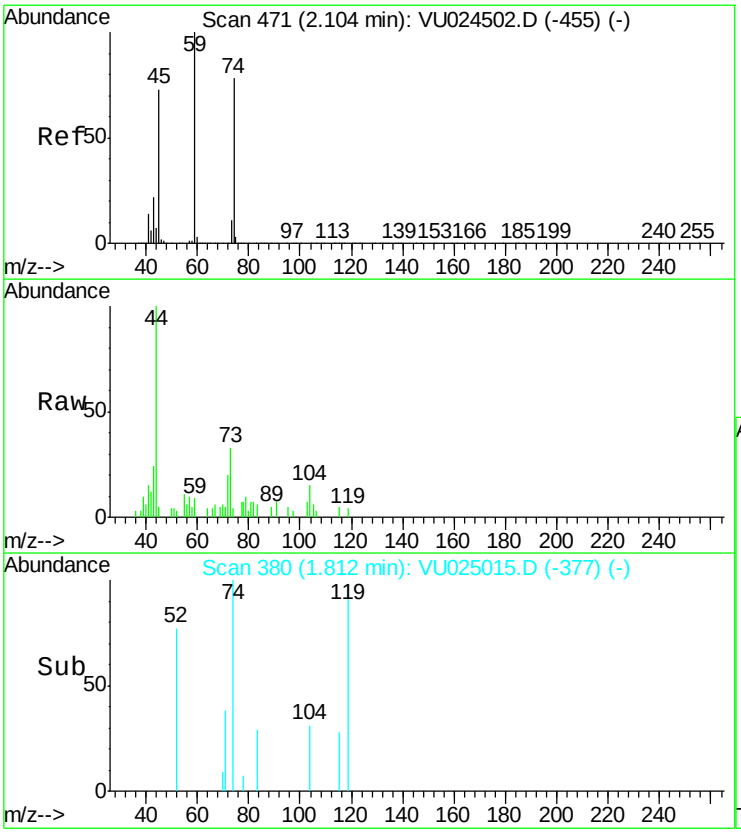
#6
Chloroethane
Concen: Below Cal
RT: 1.61 min Scan# 316
Delta R.T. -0.09 min
Lab File: VU025015.D
Acq: 28 Jun 2018 13:03

Instrument :
MSVOA_U
ClientSampleId :
WP021SB477-19-21-180621ME

Tgt Ion: 64 Resp: 357

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.5	38.3#

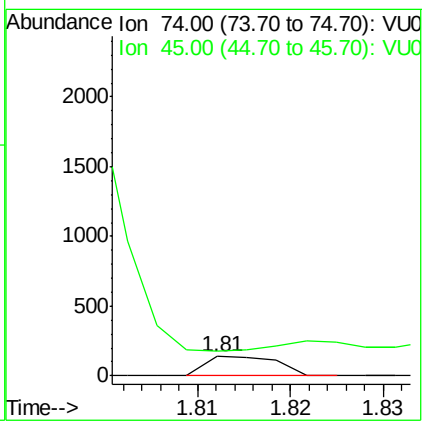


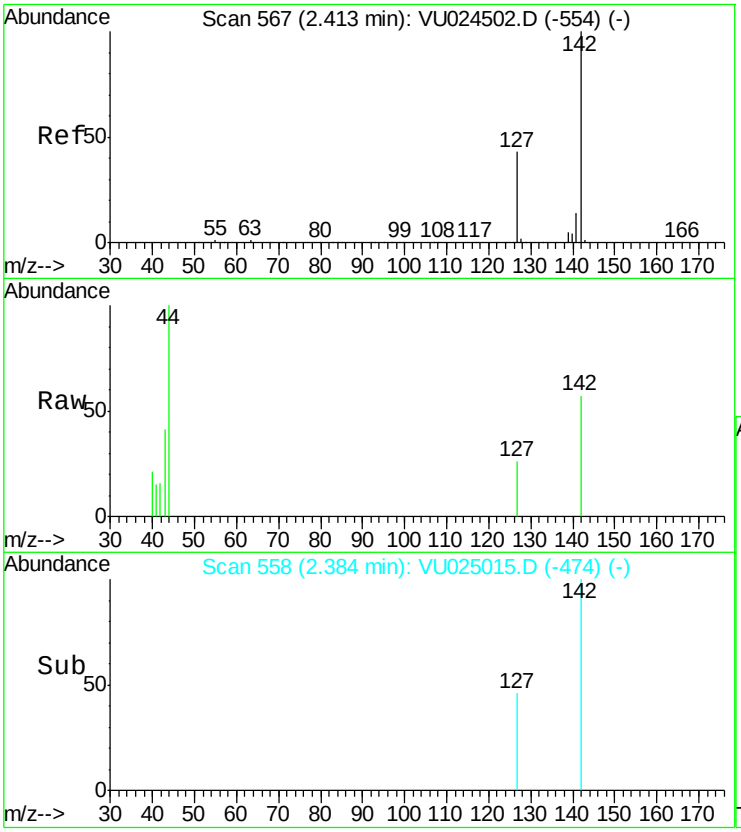


#8
Diethyl Ether
Concen: Below Cal
RT: 1.81 min Scan# 380
Delta R.T. -0.29 min
Lab File: VU025015.D
Acq: 28 Jun 2018 13:03

Tgt Ion: 74 Resp: 74

Ion	Ratio	Lower	Upper
74	100		
45	0.0	55.0	165.0#



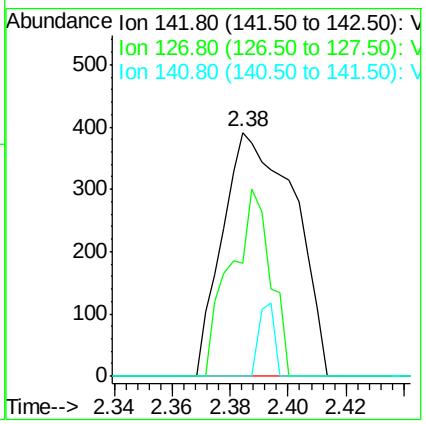


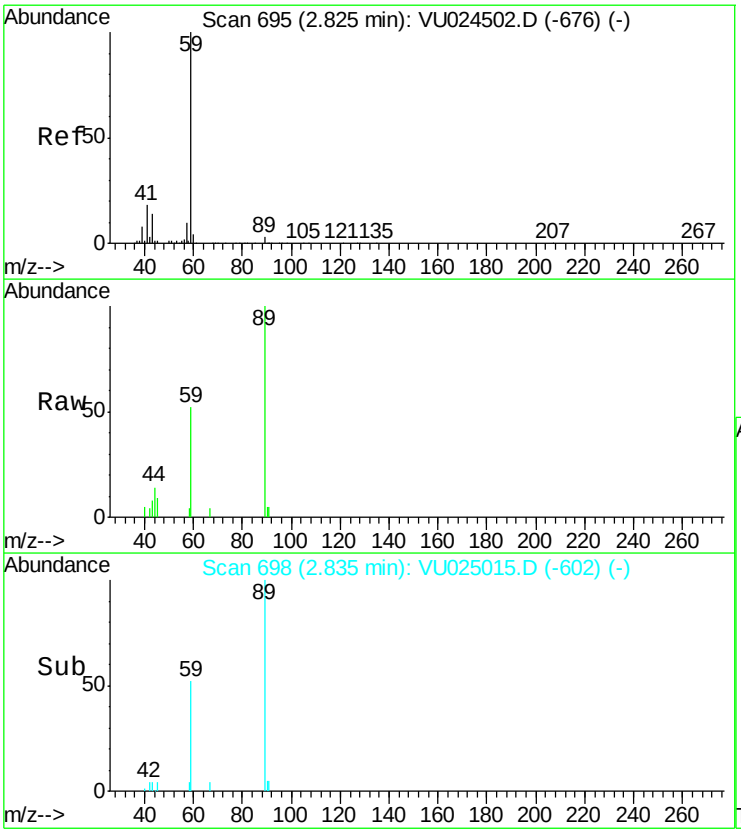
#10
Methyl Iodide
Concen: 5.539 ug/l
RT: 2.38 min Scan# 558
Delta R.T. -0.03 min
Lab File: VU025015.D
Acq: 28 Jun 2018 13:03

Instrument :
MSVOA_U
ClientSampleId :
WP021SB477-19-21-180621ME

Tgt Ion:142 Resp: 674

Ion	Ratio	Lower	Upper
142	100		
127	42.6	35.6	53.4
141	6.5	11.7	17.5#

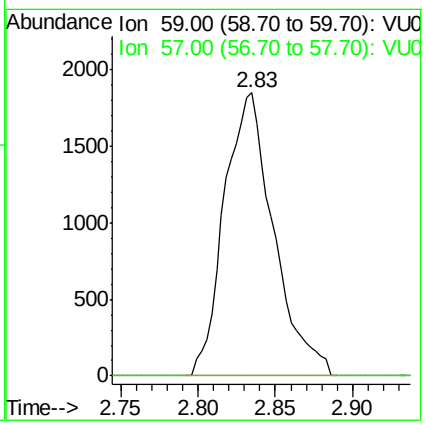


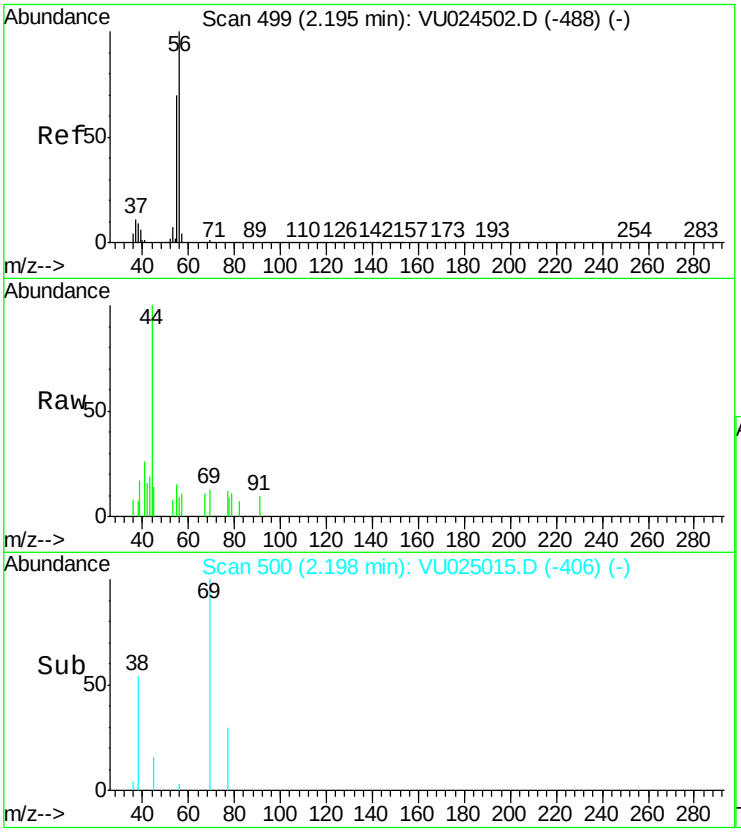


#11
Tert butyl alcohol
Concen: 4.528 ug/l
RT: 2.83 min Scan# 698
Delta R.T. 0.01 min
Lab File: VU025015.D
Acq: 28 Jun 2018 13:03

Tgt Ion: 59 Resp: 4099

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.5	12.7#



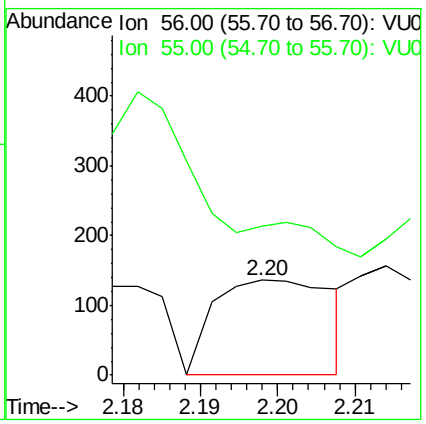


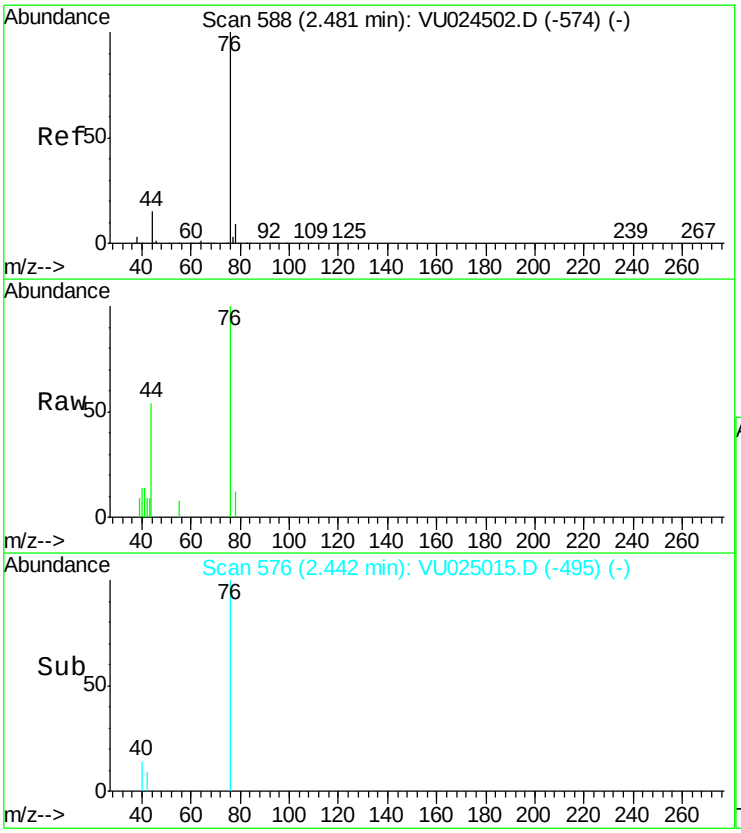
#13
Acrolein
Concen: 0.305 ug/l
RT: 2.20 min Scan# 500
Delta R.T. 0.00 min
Lab File: VU025015.D
Acq: 28 Jun 2018 13:03

Instrument :
MSVOA_U
ClientSampleId :
WP021SB477-19-21-180621ME

Tgt Ion: 56 Resp: 145

Ion	Ratio	Lower	Upper
56	100		
55	0.0	58.4	87.6#

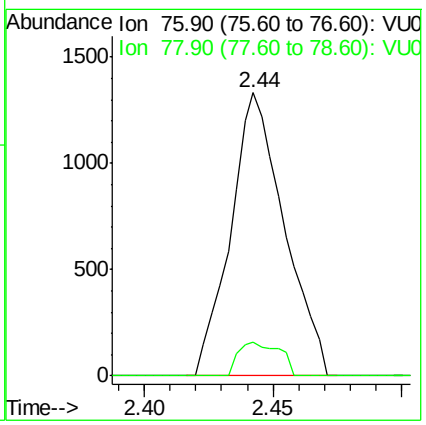


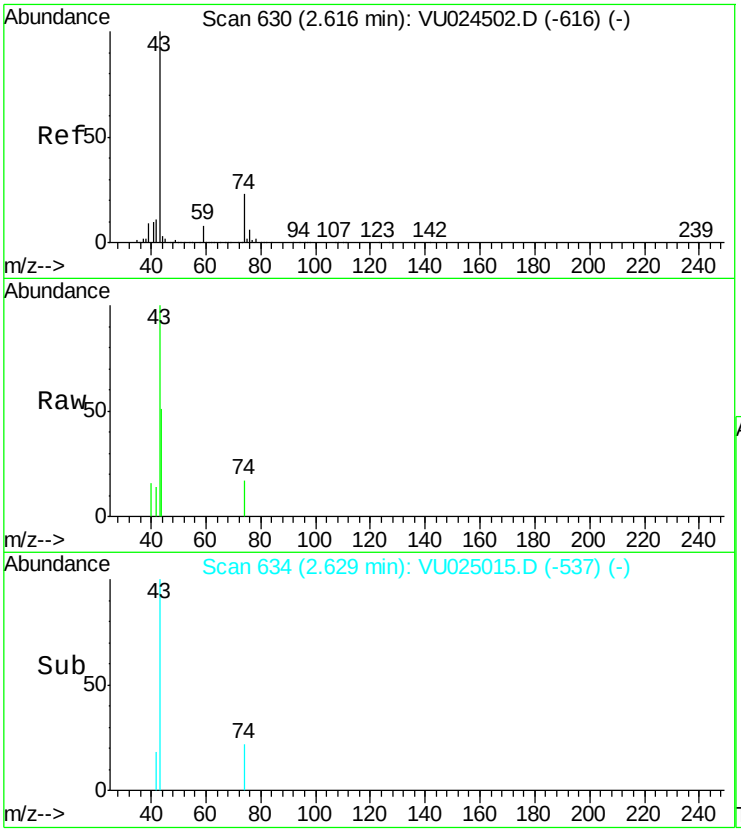


#17
Carbon Disulfide
Concen: 0.231 ug/l
RT: 2.44 min Scan# 576
Delta R.T. -0.04 min
Lab File: VU025015.D
Acq: 28 Jun 2018 13:03

Tgt Ion: 76 Resp: 1923

Ion	Ratio	Lower	Upper
76	100		
78	11.9	7.1	10.7#



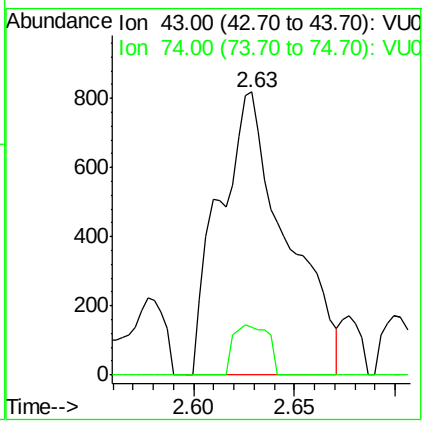


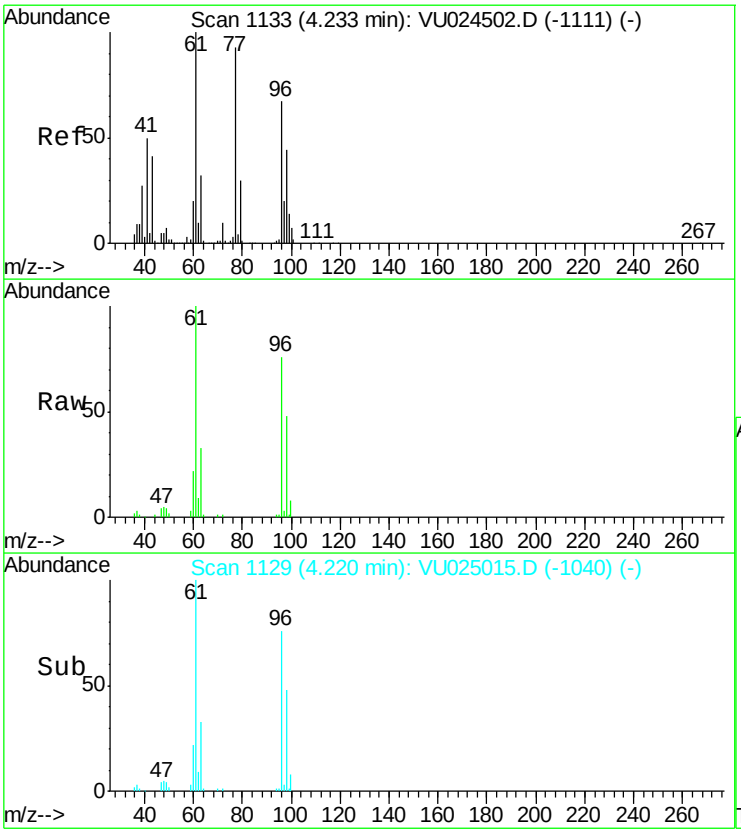
#18
Methyl Acetate
Concen: 0.440 ug/l
RT: 2.63 min Scan# 634
Delta R.T. 0.01 min
Lab File: VU025015.D
Acq: 28 Jun 2018 13:03

Instrument :
MSVOA_U
ClientSampleId :
WP021SB477-19-21-180621ME

Tgt Ion: 43 Resp: 1886

Ion	Ratio	Lower	Upper
43	100		
74	9.3	18.0	27.0#

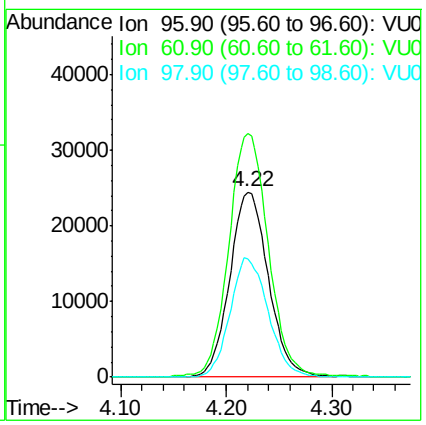


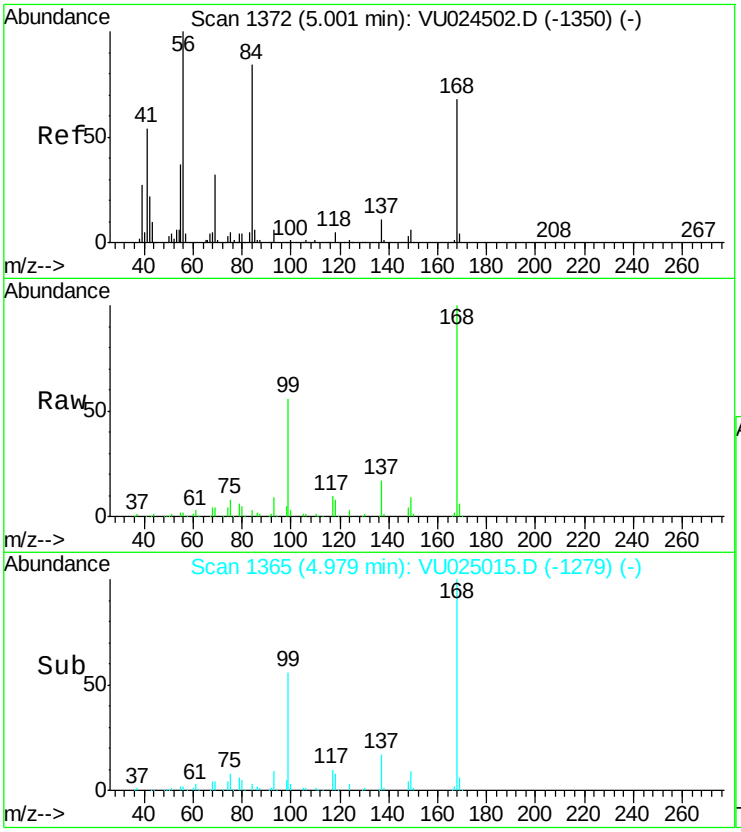


#27
cis-1,2-Dichloroethene
Concen: 18.947 ug/l
RT: 4.22 min Scan# 1129
Delta R.T. -0.01 min
Lab File: VU025015.D
Acq: 28 Jun 2018 13:03

Tgt Ion: 96 Resp: 62288

Ion	Ratio	Lower	Upper
96	100		
61	135.0	0.0	306.6
98	63.5	0.0	128.8



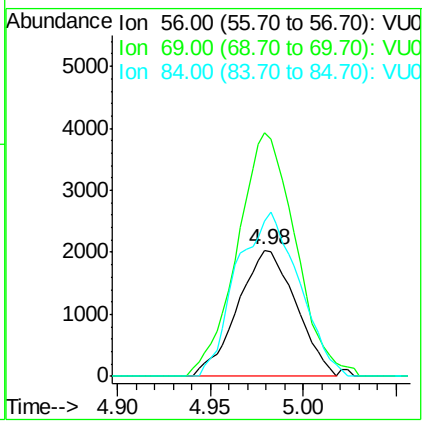


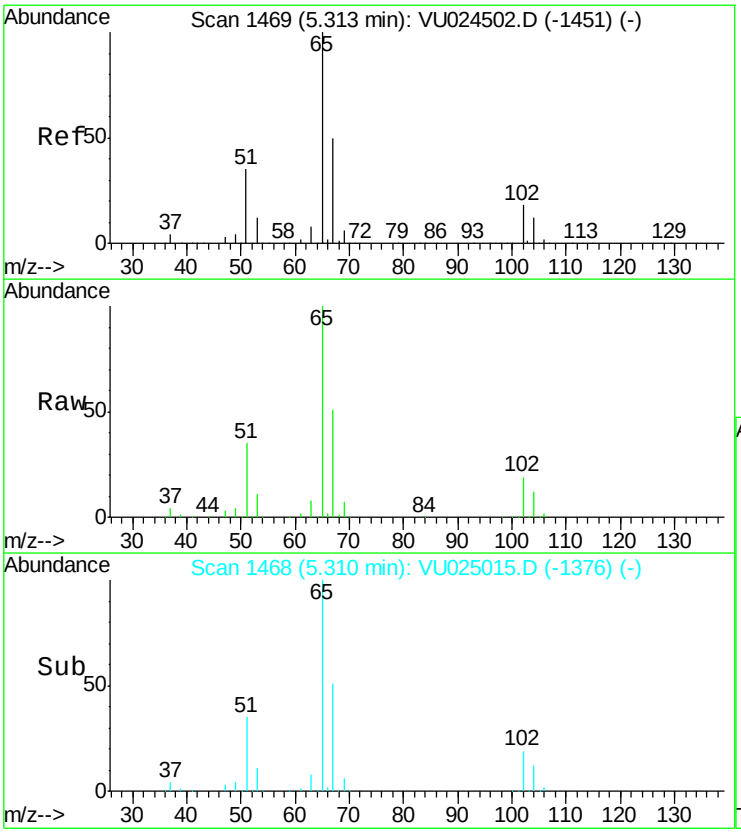
#31
Cyclohexane
Concen: Below Cal
RT: 4.98 min Scan# 1365
Delta R.T. -0.02 min
Lab File: VU025015.D
Acq: 28 Jun 2018 13:03

Instrument :
MSVOA_U
ClientSampleId :
WP021SB477-19-21-180621ME

Tgt Ion: 56 Resp: 4425

Ion	Ratio	Lower	Upper
56	100		
69	193.4	24.8	37.2#
84	123.3	65.2	97.8#

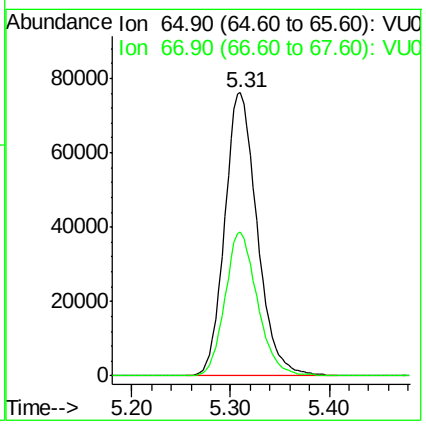


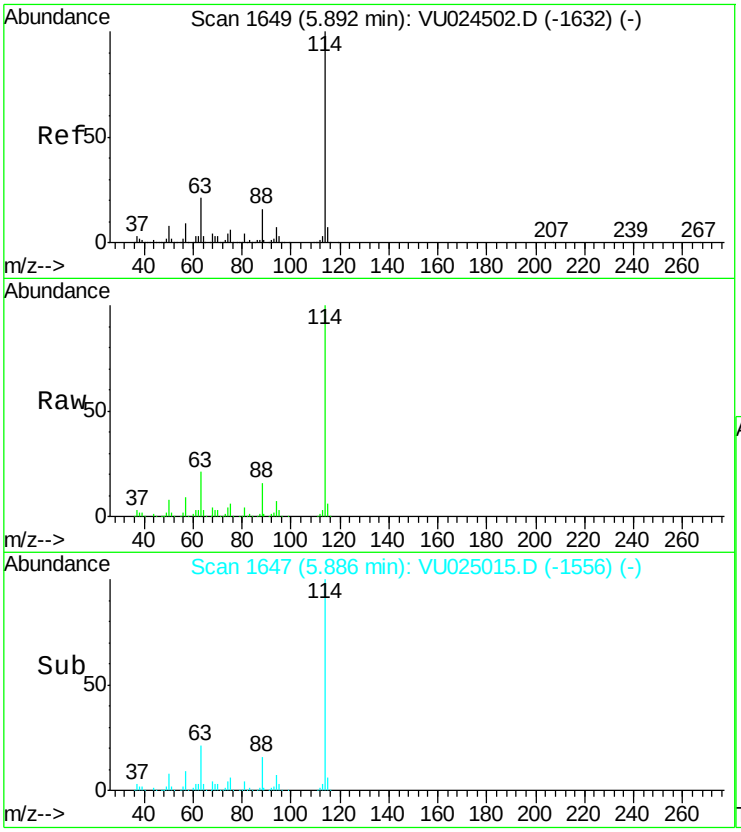


#33
1,2-Dichloroethane-d4
Concen: 46.890 ug/l
RT: 5.31 min Scan# 1468
Delta R.T. -0.00 min
Lab File: VU025015.D
Acq: 28 Jun 2018 13:03

Tgt Ion: 65 Resp: 174538

Ion	Ratio	Lower	Upper
65	100		
67	50.7	0.0	107.0



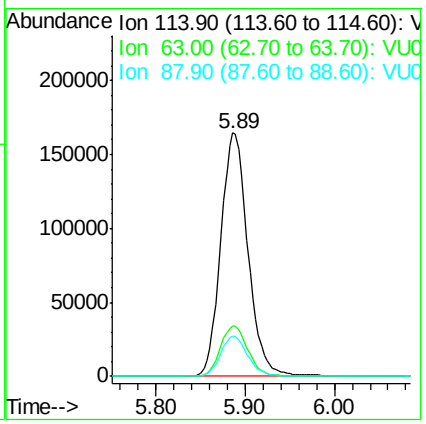


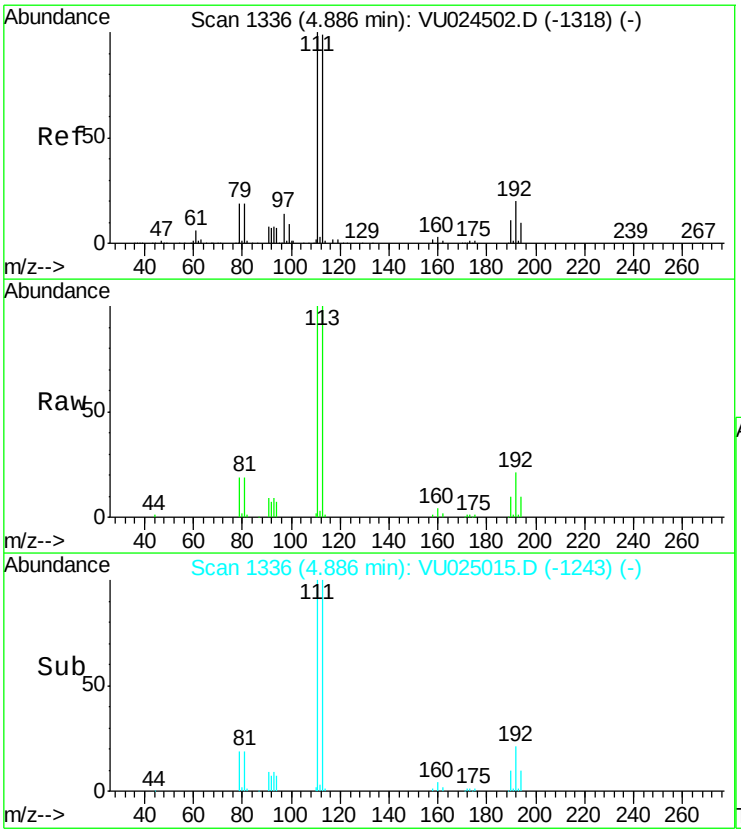
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.89 min Scan# 1647
Delta R.T. -0.01 min
Lab File: VU025015.D
Acq: 28 Jun 2018 13:03

Instrument :
MSVOA_U
ClientSampleId :
WP021SB477-19-21-180621ME

Tgt Ion:114 Resp: 347720

Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	45.4
88	16.5	0.0	31.0

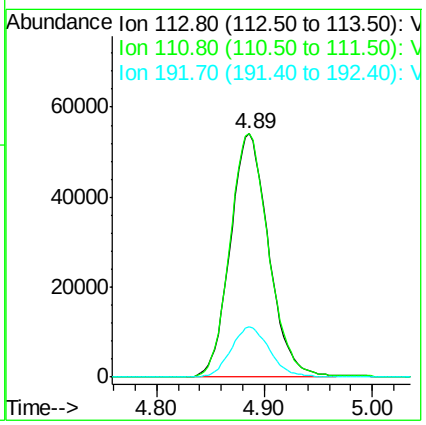


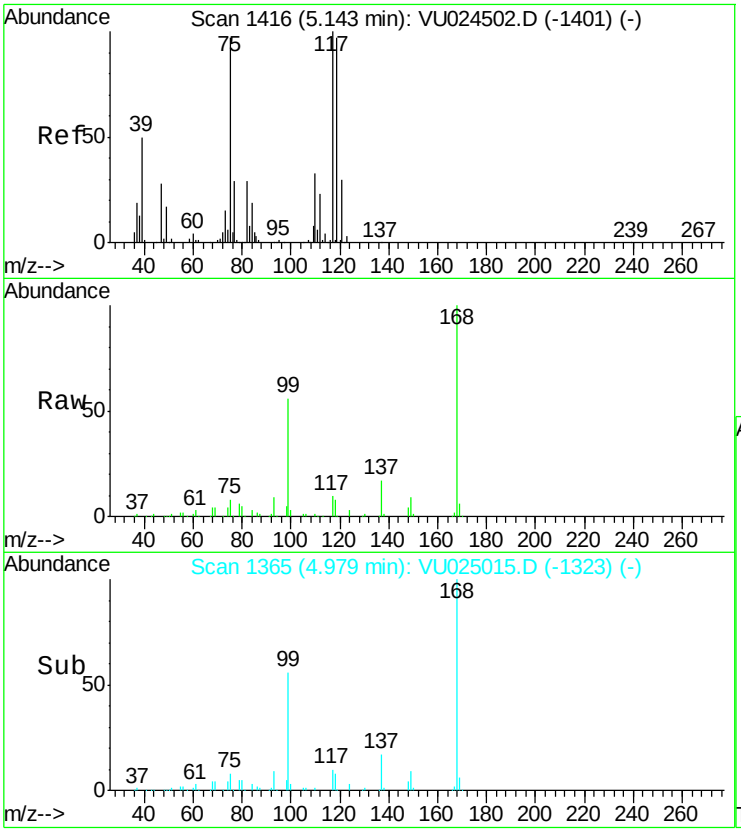


#35
Dibromofluoromethane
Concen: 46.456 ug/l
RT: 4.89 min Scan# 1336
Delta R.T. 0.00 min
Lab File: VU025015.D
Acq: 28 Jun 2018 13:03

Tgt Ion:113 Resp: 134064

Ion	Ratio	Lower	Upper
113	100		
111	100.7	82.2	123.4
192	20.8	16.2	24.4



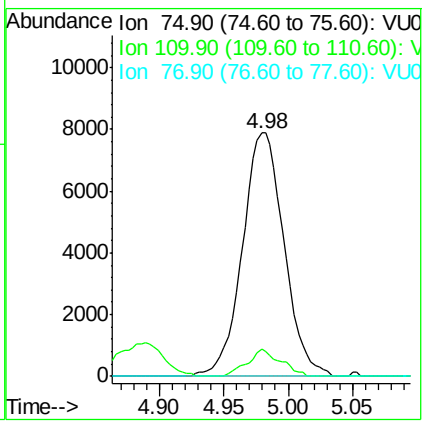


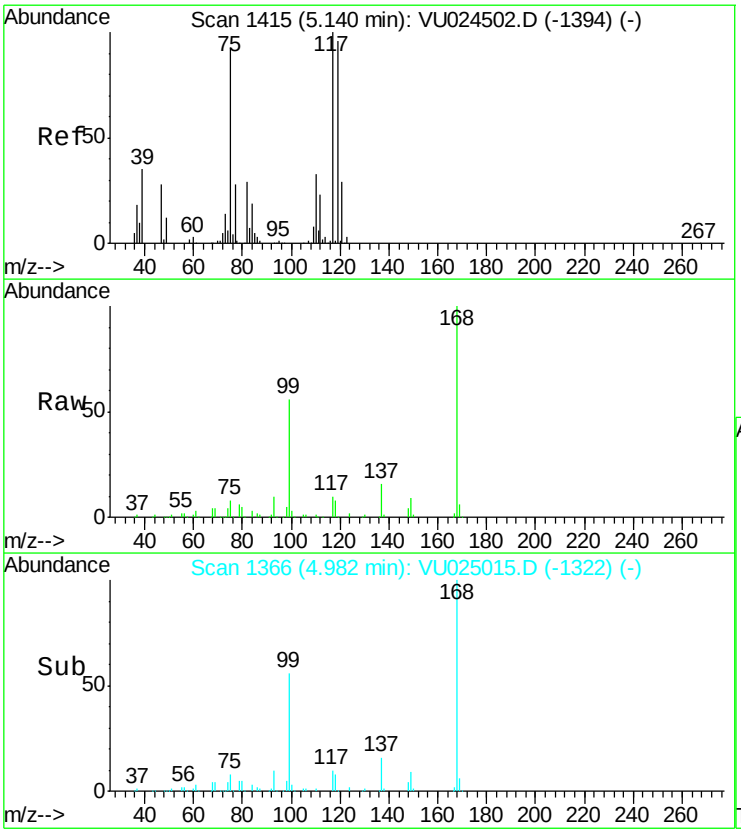
#36
1,1-Dichloropropene
Concen: 4.337 ug/l
RT: 4.98 min Scan# 1365
Delta R.T. -0.16 min
Lab File: VU025015.D
Acq: 28 Jun 2018 13:03

Instrument :
MSVOA_U
ClientSampleId :
WP021SB477-19-21-180621ME

Tgt Ion: 75 Resp: 17722

Ion	Ratio	Lower	Upper
75	100		
110	8.9	17.0	50.9#
77	0.0	24.2	36.4#

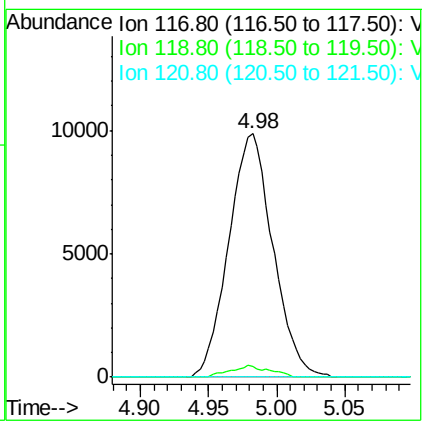


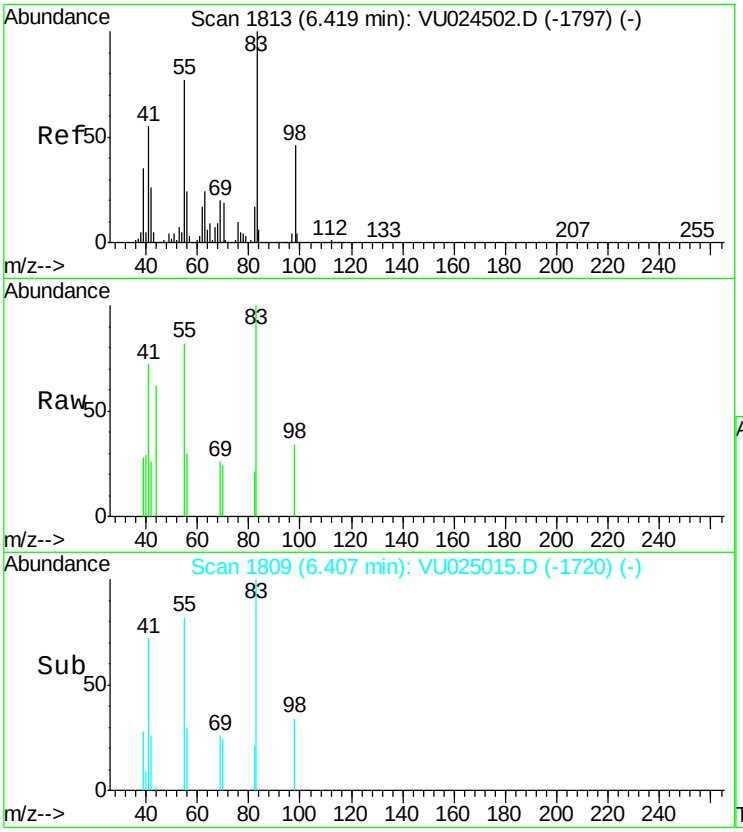


#38
Carbon Tetrachloride
Concen: 4.940 ug/l
RT: 4.98 min Scan# 1366
Delta R.T. -0.16 min
Lab File: VU025015.D
Acq: 28 Jun 2018 13:03

Tgt Ion:117 Resp: 22197

Ion	Ratio	Lower	Upper
117	100		
119	4.3	76.1	114.1#
121	0.0	23.7	35.5#



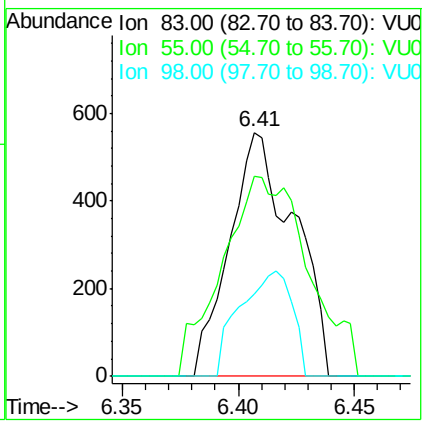


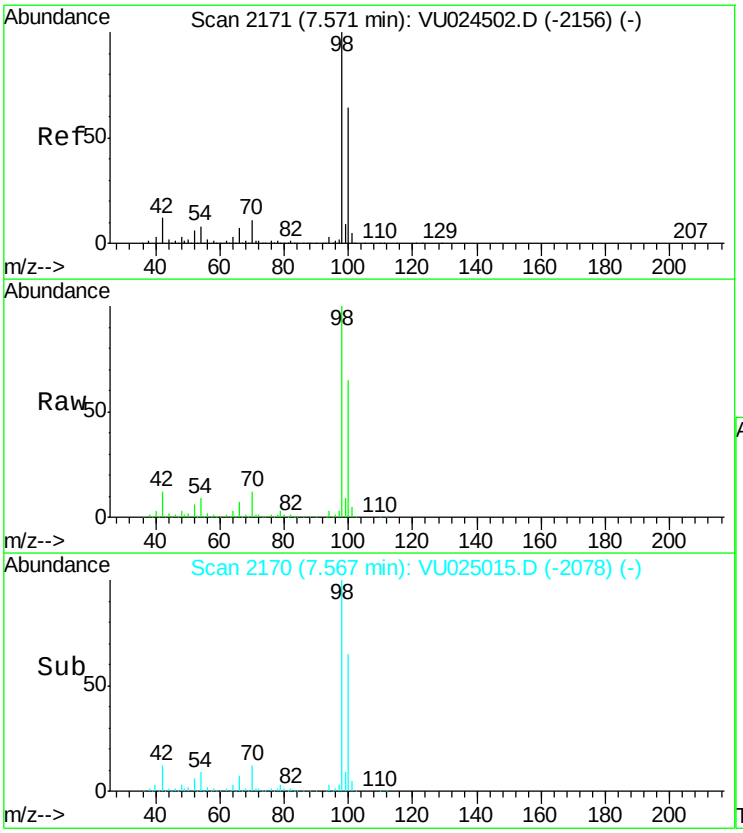
#39
Methylcyclohexane
Concen: 0.211 ug/l
RT: 6.41 min Scan# 1809
Delta R.T. -0.01 min
Lab File: VU025015.D
Acq: 28 Jun 2018 13:03

Instrument :
MSVOA_U
ClientSampleId :
WP021SB477-19-21-180621ME

Tgt Ion: 83 Resp: 1077

Ion	Ratio	Lower	Upper
83	100		
55	61.3	65.8	98.6#
98	33.6	36.7	55.1#

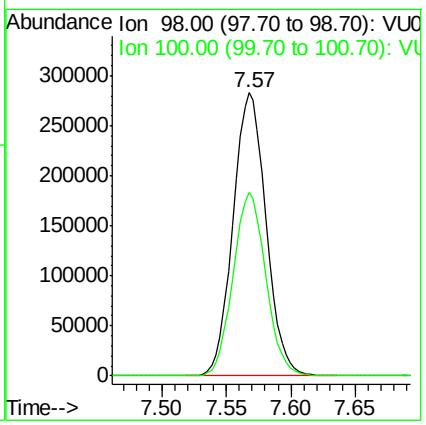


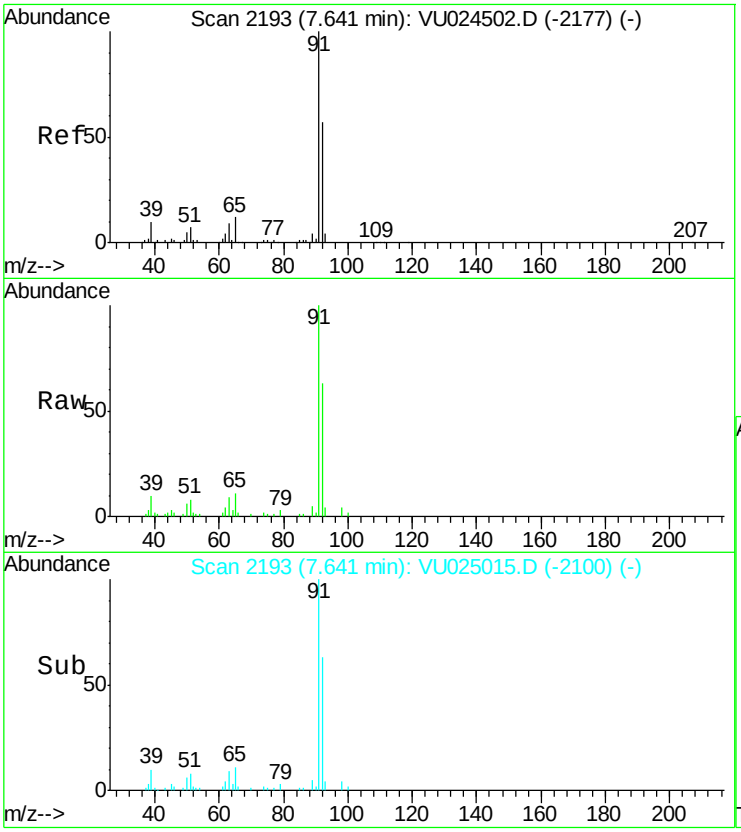


#50
Toluene-d8
Concen: 47.806 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VU025015.D
Acq: 28 Jun 2018 13:03

Tgt Ion: 98 Resp: 503220

Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.1	76.7



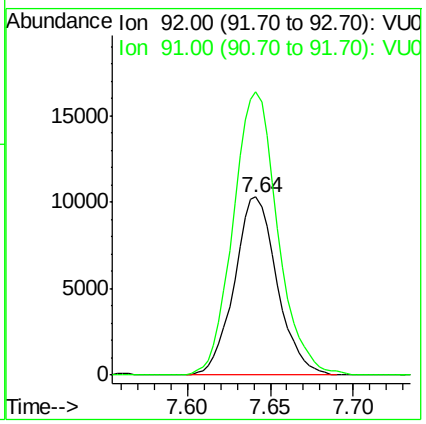


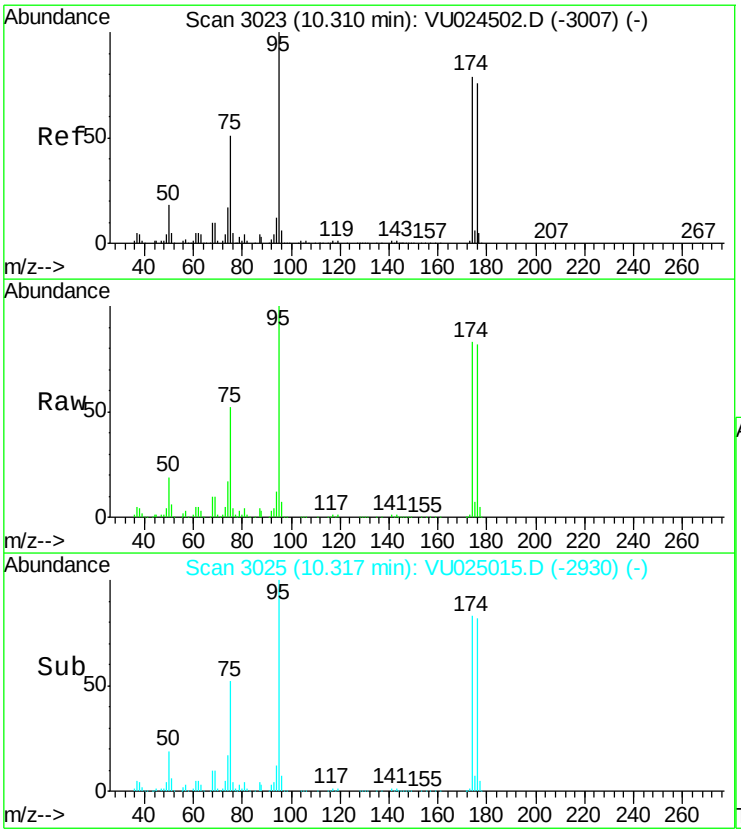
#52
Toluene
Concen: 2.461 ug/l
RT: 7.64 min Scan# 2193
Delta R.T. 0.00 min
Lab File: VU025015.D
Acq: 28 Jun 2018 13:03

Instrument :
MSVOA_U
ClientSampleId :
WP021SB477-19-21-180621ME

Tgt Ion: 92 Resp: 18431

Ion	Ratio	Lower	Upper
92	100		
91	166.1	140.5	210.7

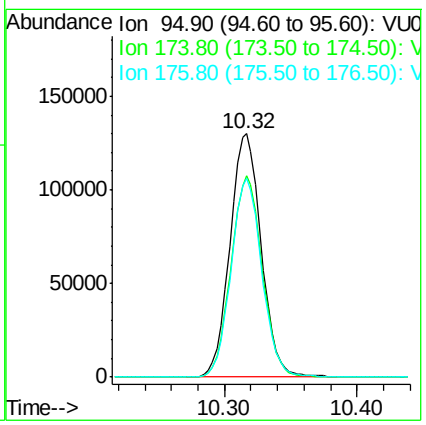


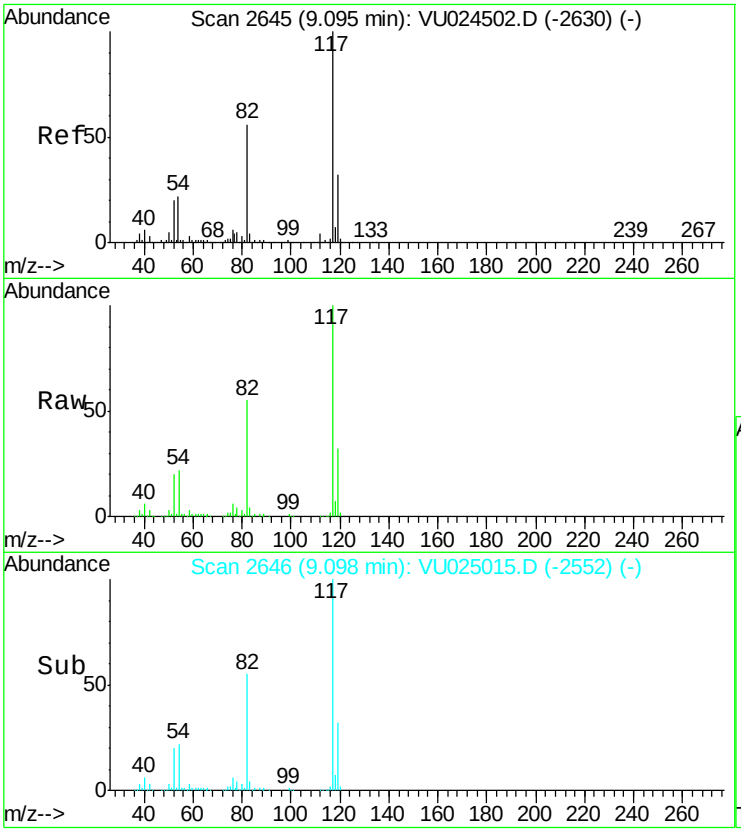


#62
4-Bromofluorobenzene
Concen: 50.731 ug/l
RT: 10.32 min Scan# 3025
Delta R.T. 0.01 min
Lab File: VU025015.D
Acq: 28 Jun 2018 13:03

Tgt Ion: 95 Resp: 212024

Ion	Ratio	Lower	Upper
95	100		
174	82.8	0.0	165.8
176	80.6	0.0	159.4



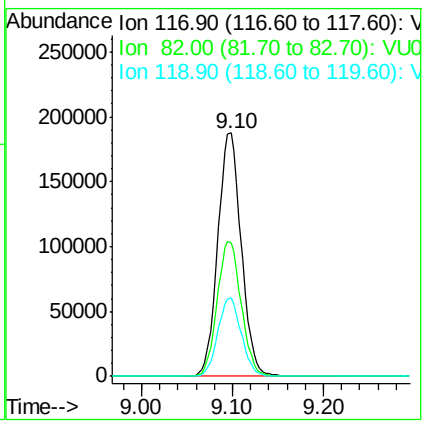


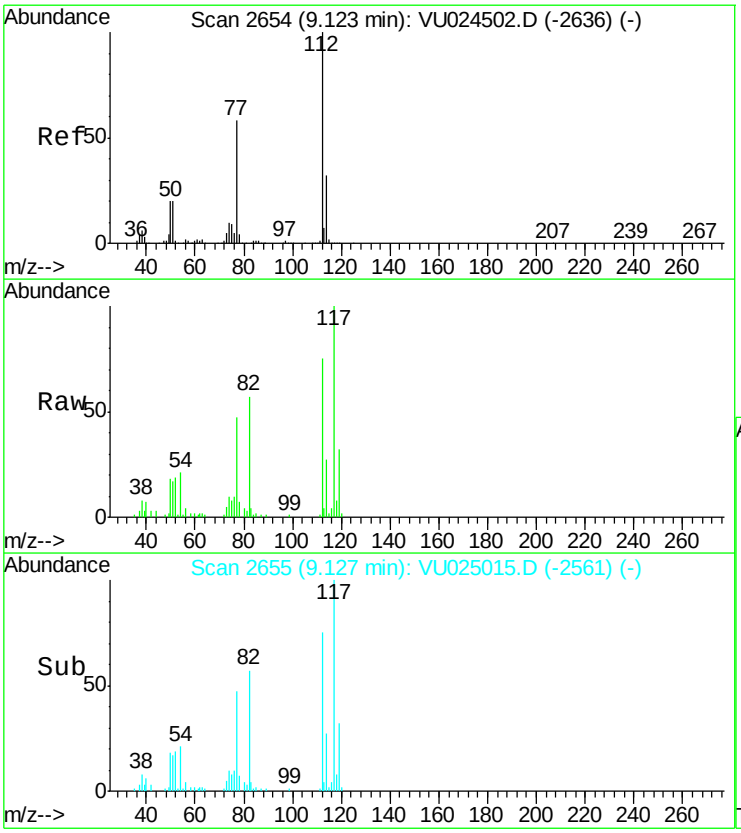
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.10 min Scan# 2646
Delta R.T. 0.00 min
Lab File: VU025015.D
Acq: 28 Jun 2018 13:03

Instrument :
MSVOA_U
ClientSampleId :
WP021SB477-19-21-180621ME

Tgt Ion:117 Resp: 336165

Ion	Ratio	Lower	Upper
117	100		
82	54.9	44.3	66.5
119	32.0	25.4	38.2

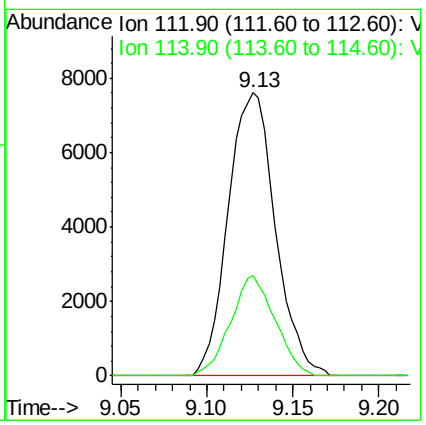


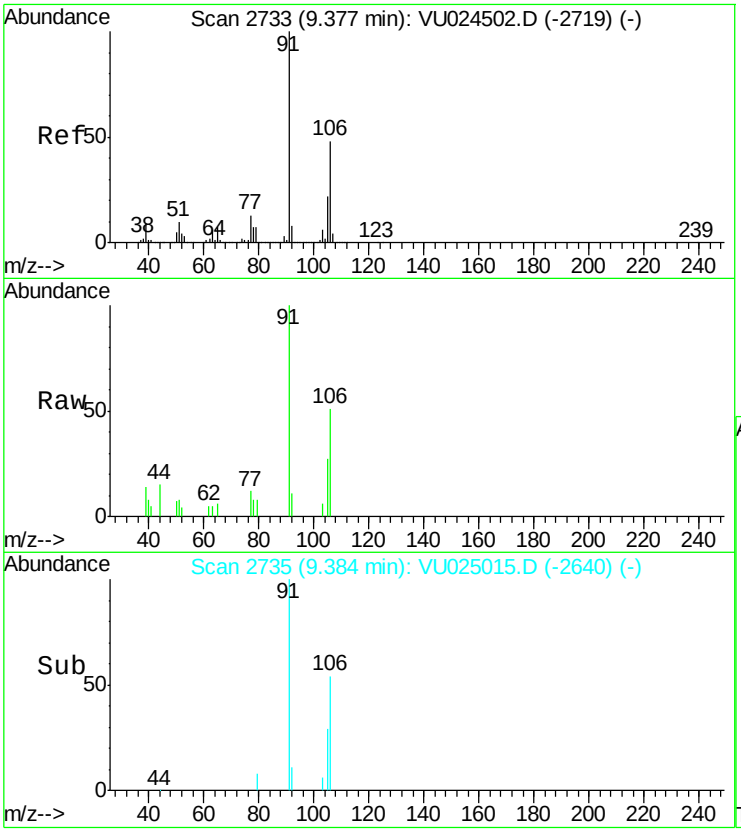


#65
Chlorobenzene
Concen: 1.690 ug/l
RT: 9.13 min Scan# 2655
Delta R.T. 0.00 min
Lab File: VU025015.D
Acq: 28 Jun 2018 13:03

Tgt Ion:112 Resp: 14513

Ion	Ratio	Lower	Upper
112	100		
114	35.3	25.6	38.4



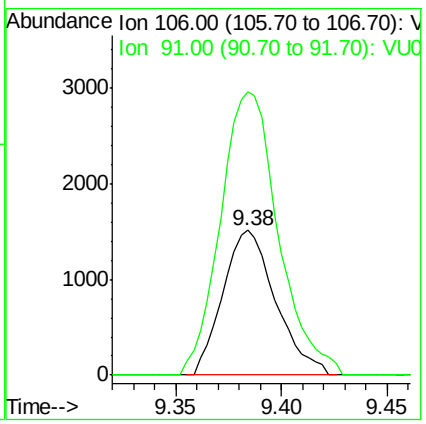


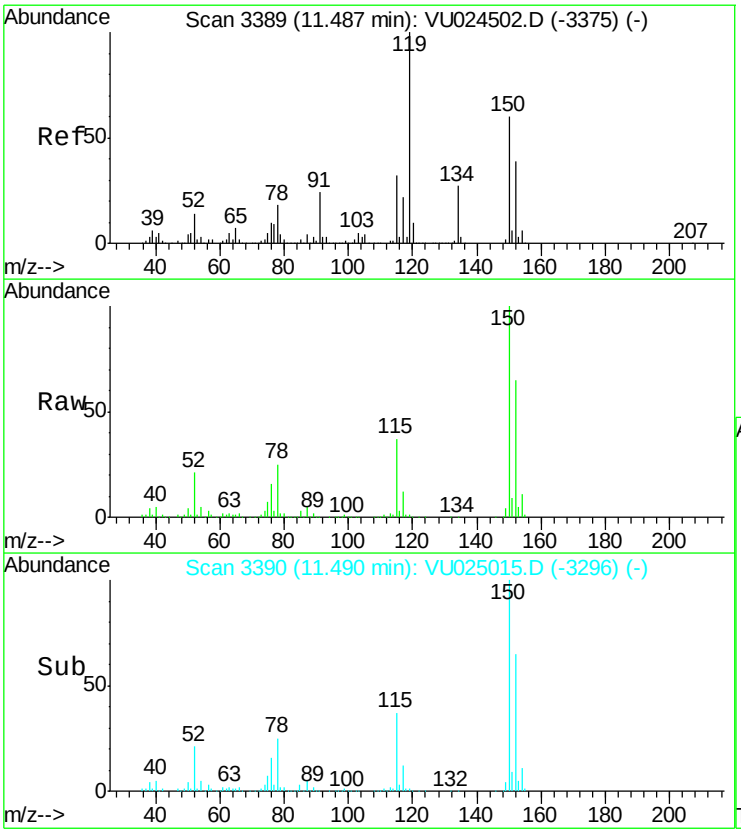
#68
m/p-Xylenes
Concen: 0.455 ug/l
RT: 9.38 min Scan# 2735
Delta R.T. 0.01 min
Lab File: VU025015.D
Acq: 28 Jun 2018 13:03

Instrument : MSVOA_U
ClientSampleId : WP021SB477-19-21-180621ME

Tgt Ion:106 Resp: 2631

Ion	Ratio	Lower	Upper
106	100		
91	214.4	166.5	249.7

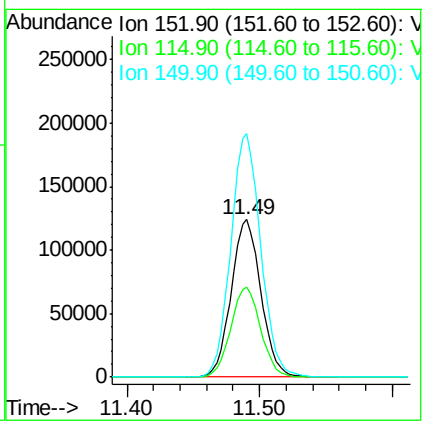


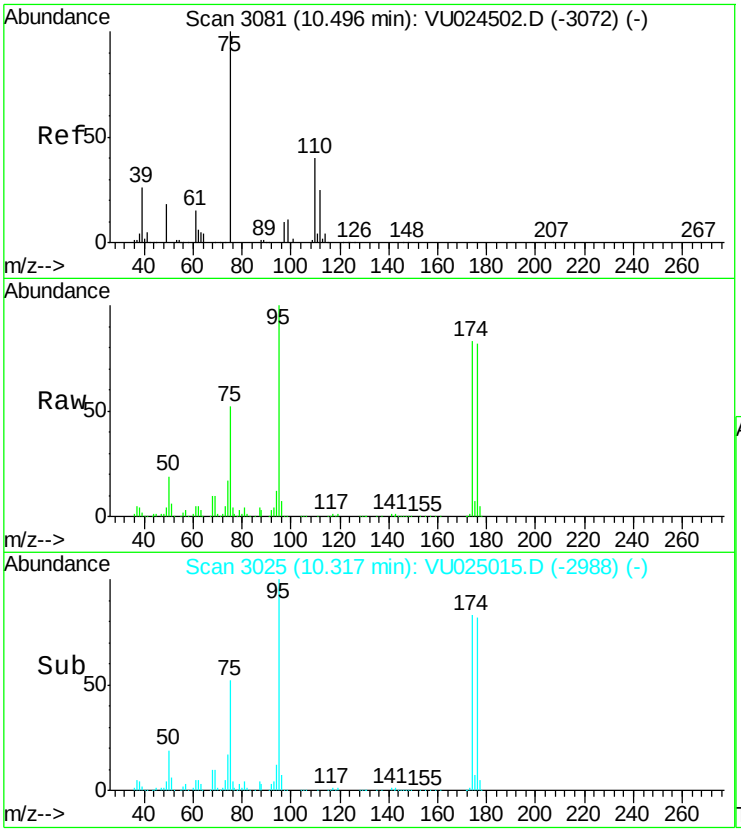


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3390
Delta R.T. 0.00 min
Lab File: VU025015.D
Acq: 28 Jun 2018 13:03

Tgt Ion:152 Resp: 192840

Ion	Ratio	Lower	Upper
152	100		
115	57.5	43.0	129.0
150	156.0	0.0	354.0



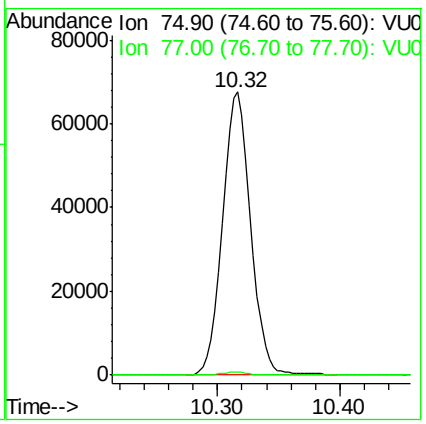


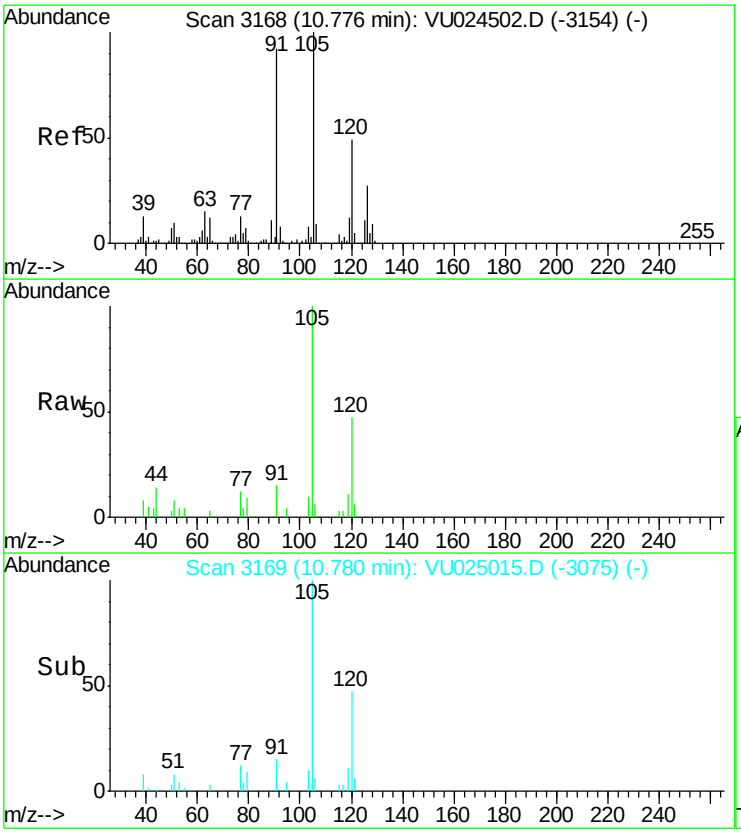
#76
1,2,3-Trichloropropane
Concen: 25.666 ug/l
RT: 10.32 min Scan# 3025
Delta R.T. -0.18 min
Lab File: VU025015.D
Acq: 28 Jun 2018 13:03

Instrument :
MSVOA_U
ClientSampleId :
WP021SB477-19-21-180621ME

Tgt Ion: 75 Resp: 108968

Ion	Ratio	Lower	Upper
75	100		
77	1.0	20.9	62.7#

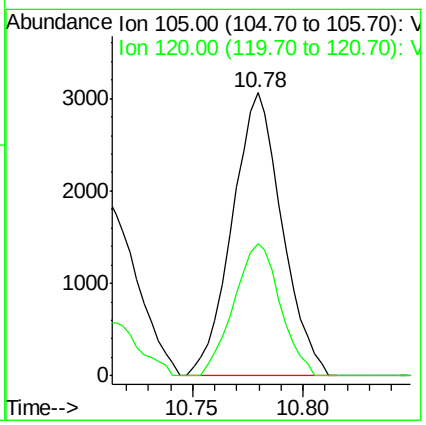


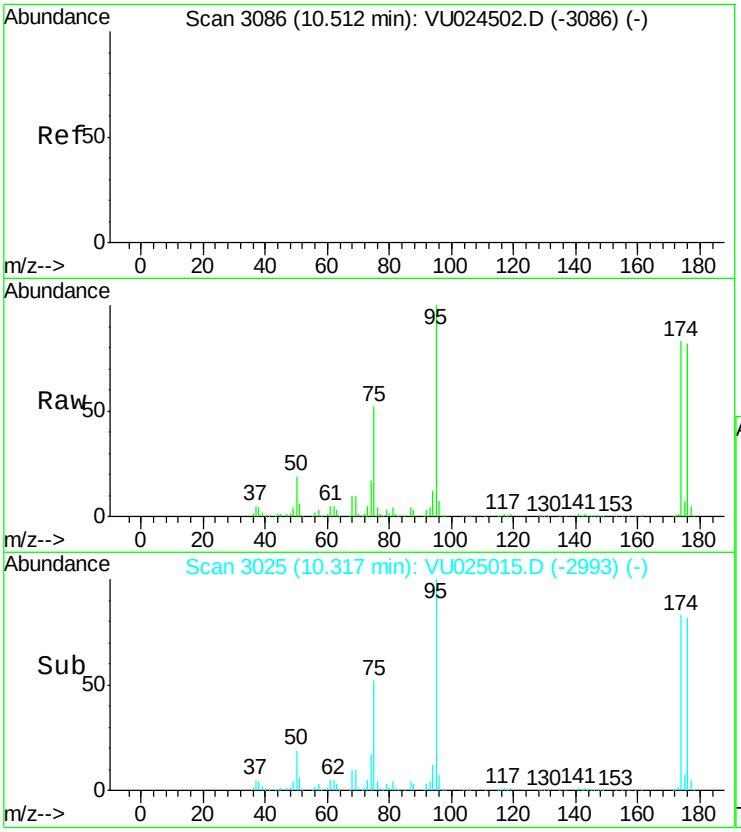


#80
1,3,5-Trimethylbenzene
Concen: 0.375 ug/l
RT: 10.78 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VU025015.D
Acq: 28 Jun 2018 13:03

Tgt Ion:105 Resp: 4811

Ion	Ratio	Lower	Upper
105	100		
120	43.2	24.1	72.2



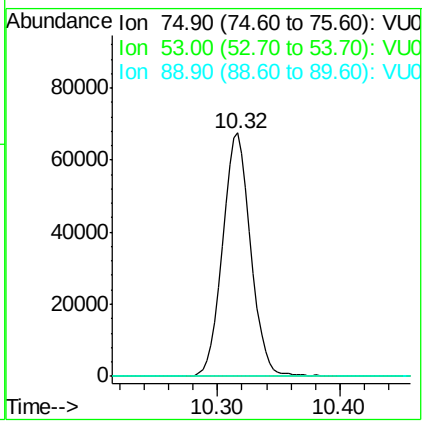


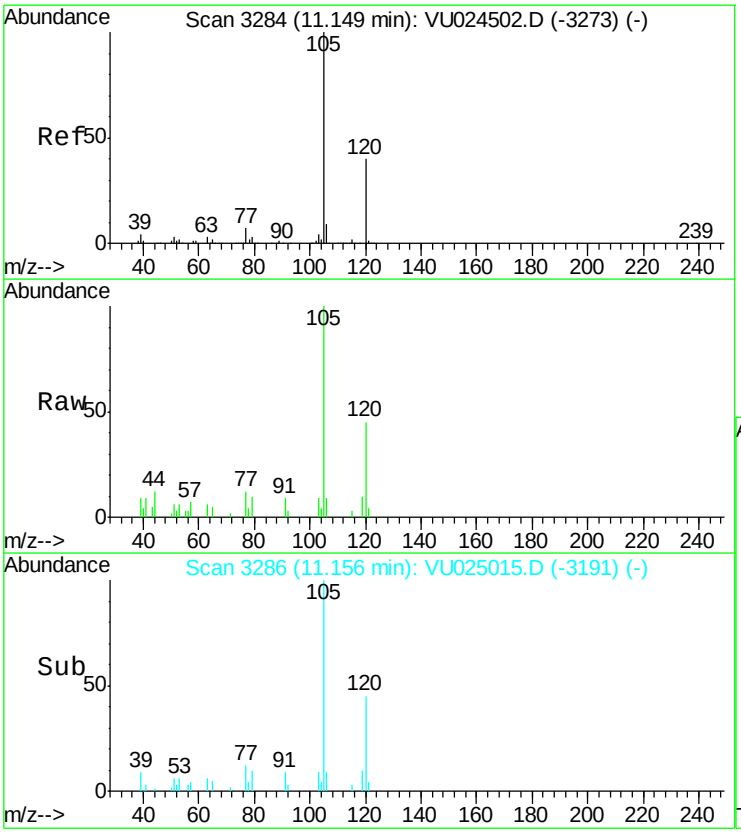
#81
trans-1,4-Dichloro-2-butene
Concen: 59.402 ug/l
RT: 10.32 min Scan# 3025
Delta R.T. -0.20 min
Lab File: VU025015.D
Acq: 28 Jun 2018 13:03

Instrument :
MSVOA_U
ClientSampleId :
WP021SB477-19-21-180621ME

Tgt Ion: 75 Resp: 108968

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

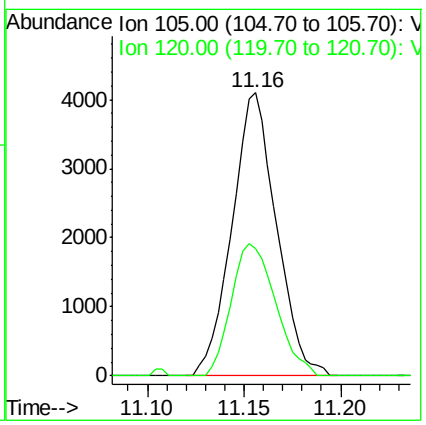


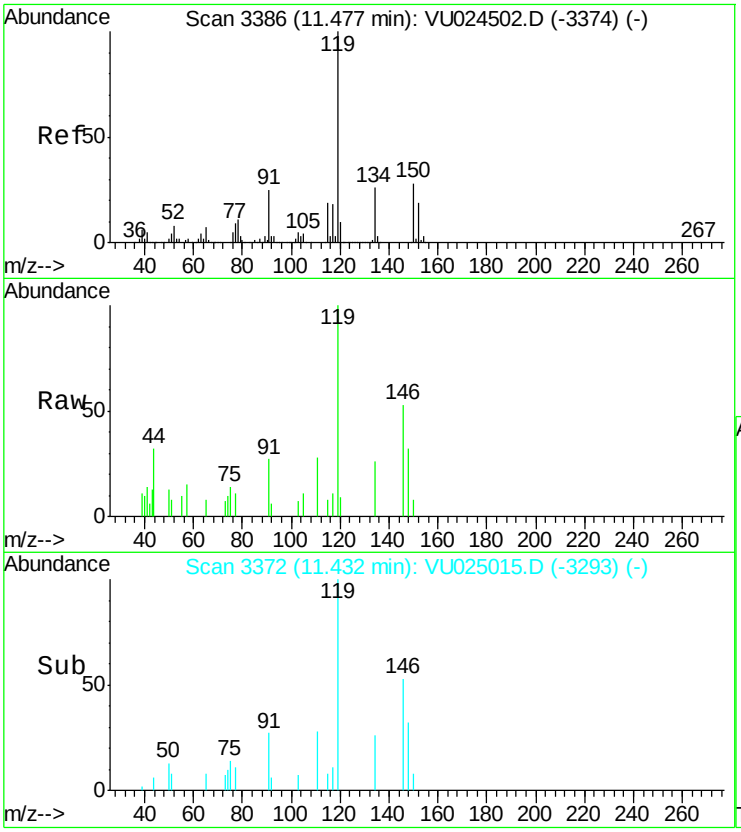


#84
1,2,4-Trimethylbenzene
Concen: 0.499 ug/l
RT: 11.16 min Scan# 3286
Delta R.T. 0.01 min
Lab File: VU025015.D
Acq: 28 Jun 2018 13:03

Tgt Ion:105 Resp: 6526

Ion	Ratio	Lower	Upper
105	100		
120	46.6	22.6	67.8



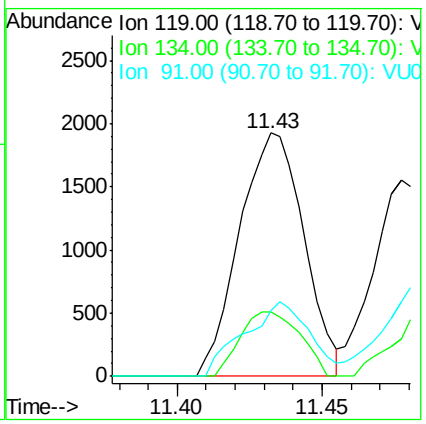


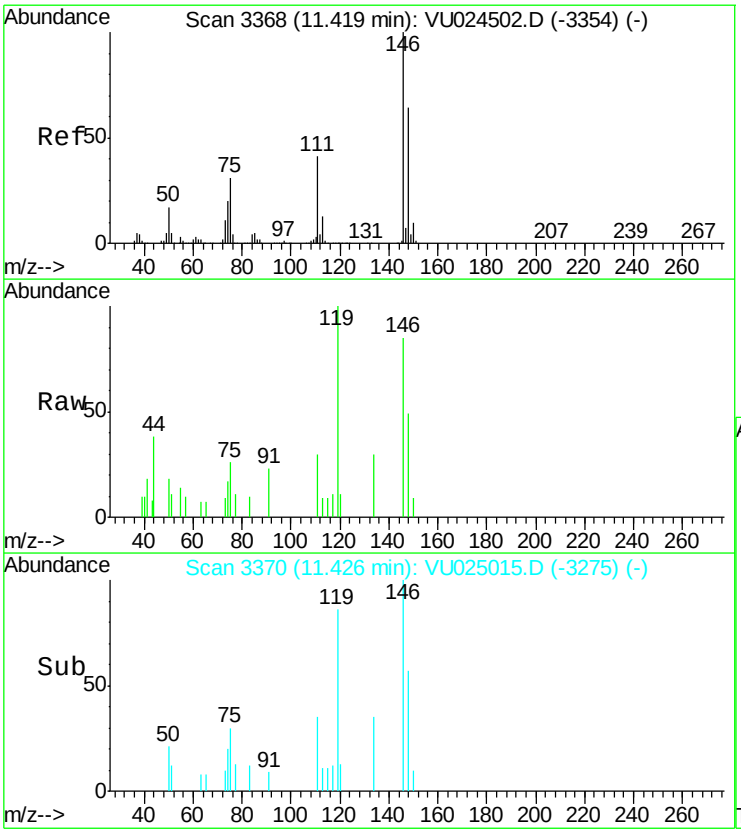
#86
p-Isopropyltoluene
Concen: 0.215 ug/l
RT: 11.43 min Scan# 3372
Delta R.T. -0.04 min
Lab File: VU025015.D
Acq: 28 Jun 2018 13:03

Instrument :
MSVOA_U
ClientSampleId :
WP021SB477-19-21-180621ME

Tgt Ion:119 Resp: 2972

Ion	Ratio	Lower	Upper
119	100		
134	24.6	12.9	38.6
91	31.0	12.0	36.1

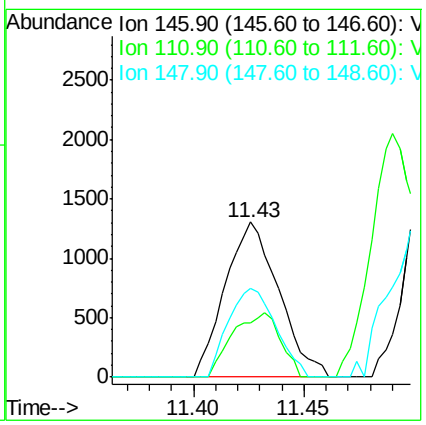


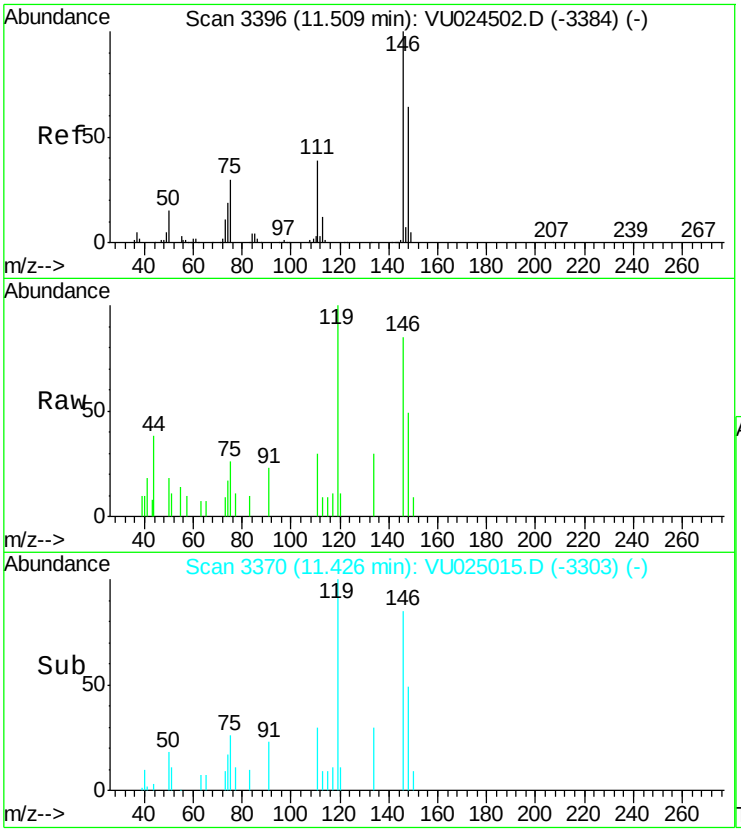


#87
1,3-Dichlorobenzene
Concen: 0.318 ug/l
RT: 11.43 min Scan# 3370
Delta R.T. 0.01 min
Lab File: VU025015.D
Acq: 28 Jun 2018 13:03

Tgt Ion:146 Resp: 2205

Ion	Ratio	Lower	Upper
146	100		
111	37.3	20.0	60.0
148	50.9	32.1	96.5



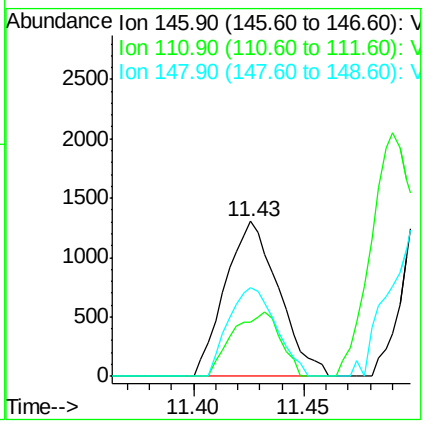


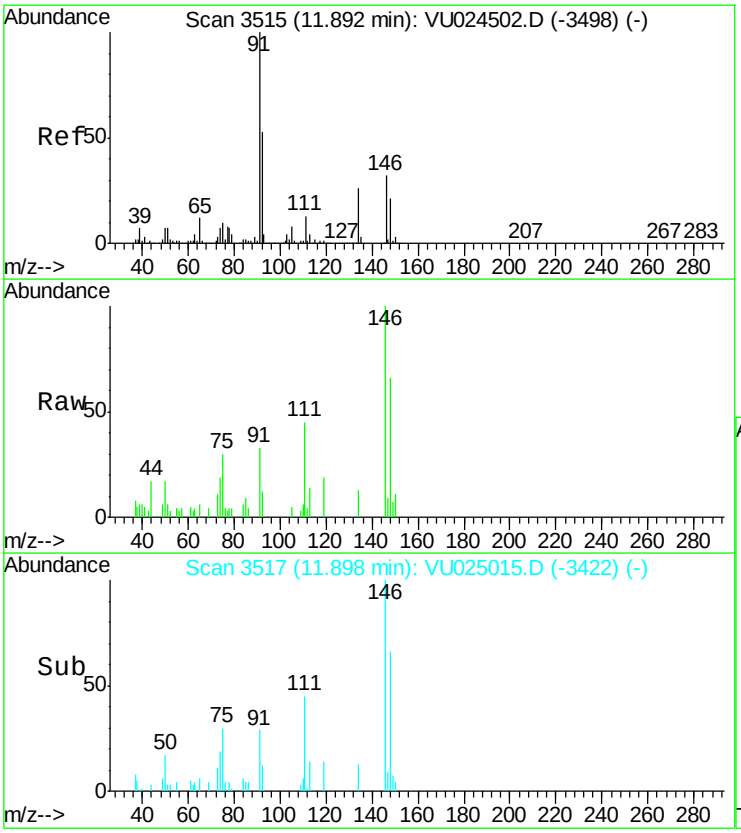
#88
1,4-Dichlorobenzene
Concen: 0.316 ug/l
RT: 11.43 min Scan# 3370
Delta R.T. -0.08 min
Lab File: VU025015.D
Acq: 28 Jun 2018 13:03

Instrument :
MSVOA_U
ClientSampleId :
WP021SB477-19-21-180621ME

Tgt Ion:146 Resp: 2205

Ion	Ratio	Lower	Upper
146	100		
111	37.3	19.5	58.5
148	50.9	32.4	97.0

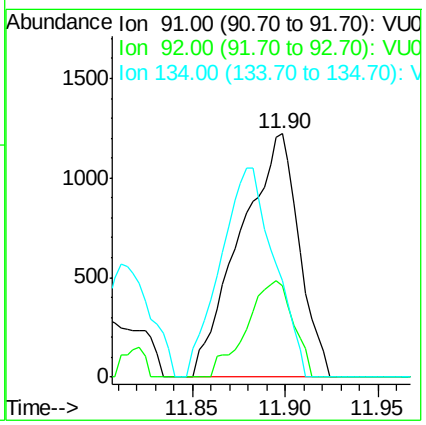


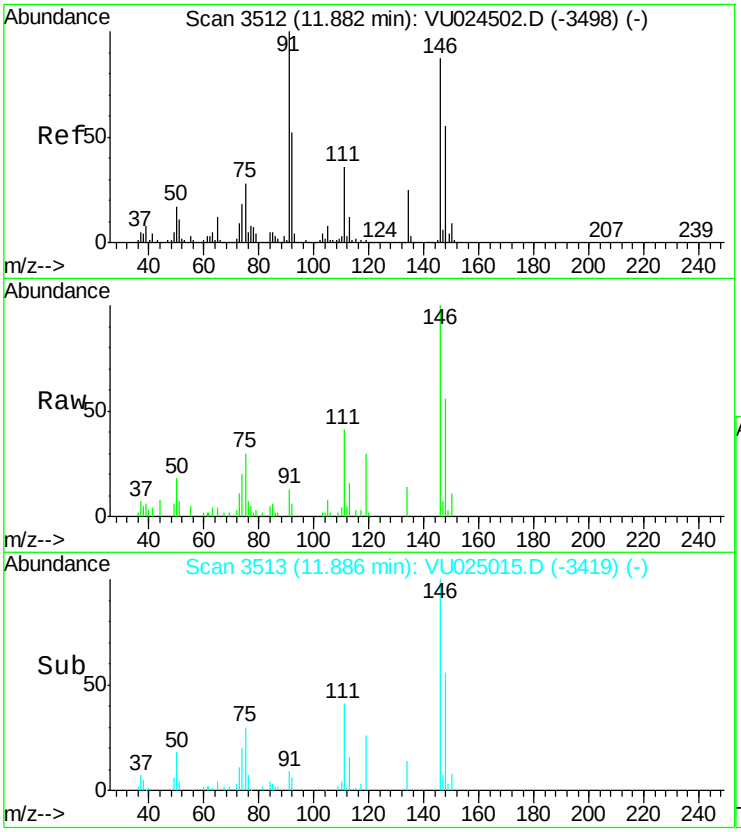


#89
n-Butylbenzene
Concen: 0.219 ug/l
RT: 11.90 min Scan# 3517
Delta R.T. 0.01 min
Lab File: VU025015.D
Acq: 28 Jun 2018 13:03

Tgt Ion: 91 Resp: 2694

Ion	Ratio	Lower	Upper
91	100		
92	31.7	25.6	76.8
134	78.6	12.3	36.8#



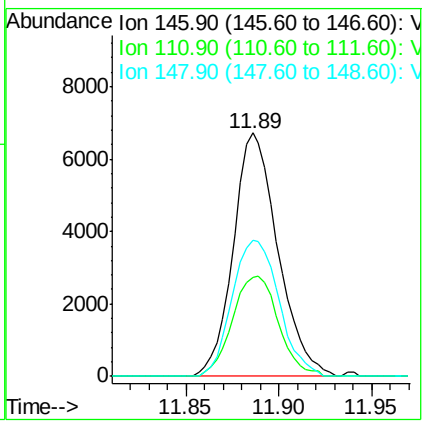


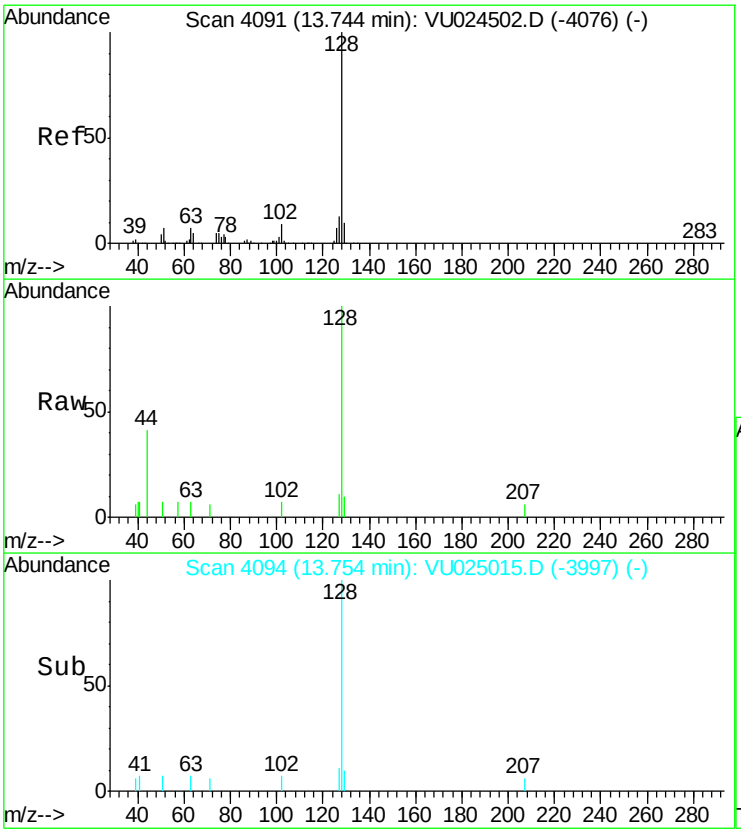
#91
1,2-Dichlorobenzene
Concen: 1.623 ug/l
RT: 11.89 min Scan# 3513
Delta R.T. 0.00 min
Lab File: VU025015.D
Acq: 28 Jun 2018 13:03

Instrument :
MSVOA_U
ClientSampleId :
WP021SB477-19-21-180621ME

Tgt Ion:146 Resp: 11254

Ion	Ratio	Lower	Upper
146	100		
111	42.6	20.5	61.6
148	58.8	31.9	95.7





#95
Naphthalene
Concen: 0.954 ug/l
RT: 13.75 min Scan# 4094
Delta R.T. 0.01 min
Lab File: VU025015.D
Acq: 28 Jun 2018 13:03

Tgt Ion:128 Resp: 3950

Ion	Ratio	Lower	Upper
128	100		
127	6.4	10.6	16.0#
129	7.4	8.6	12.8#