

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U070718\
 Data File : VU025246.D
 Acq On : 06 Jul 2018 17:40
 Operator : MD/SY
 Sample : J3808-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 06 23:30:29 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

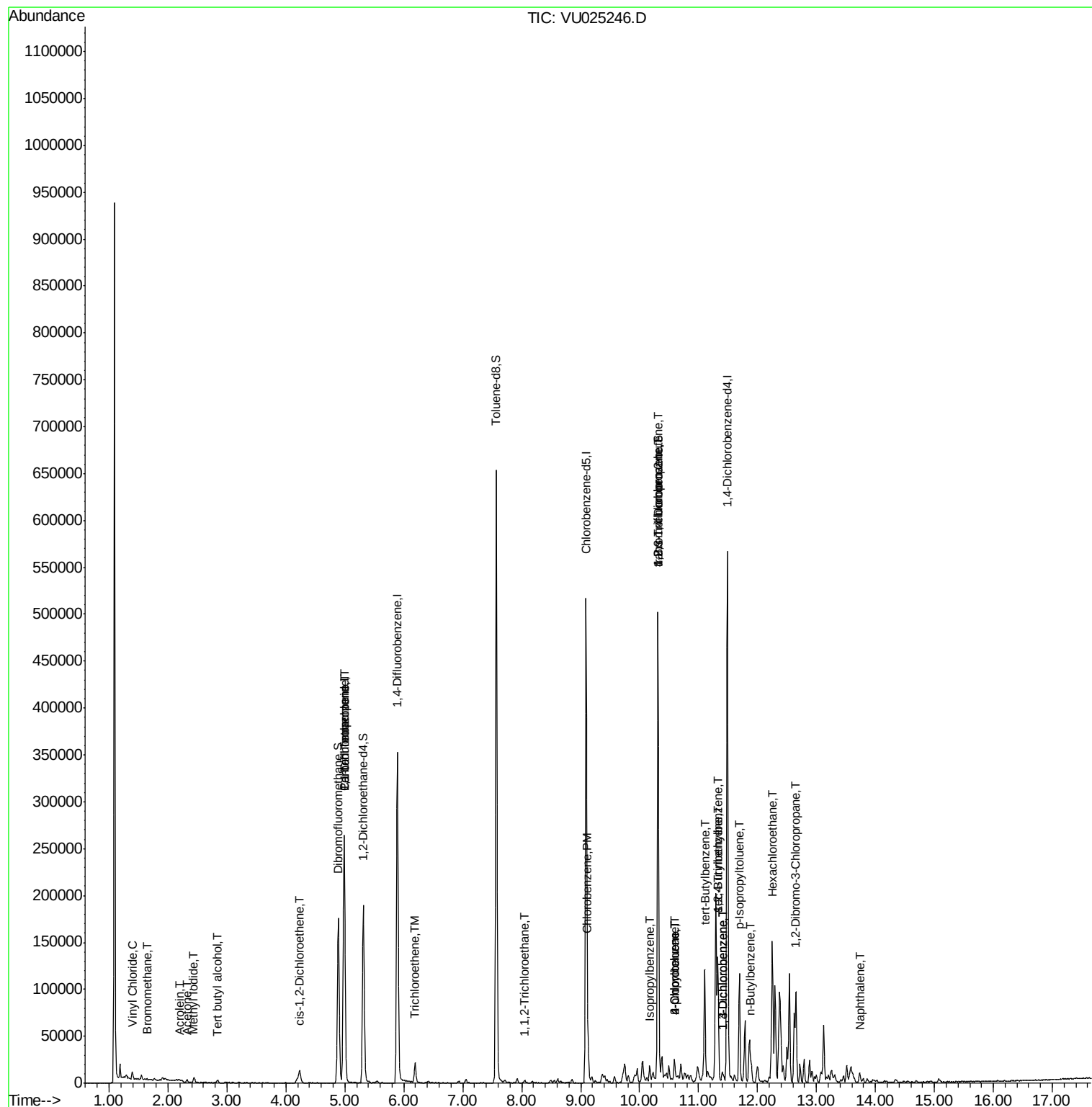
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	202316	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	299843	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	279153	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	147377	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	152025	46.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.06%	
35) Dibromofluoromethane	4.89	113	118356	47.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.12%	
50) Toluene-d8	7.57	98	435301	47.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.92%	
62) 4-Bromofluorobenzene	10.31	95	158553	43.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.98%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.40	62	691	0.259	ug/l #	80
5) Bromomethane	1.64	94	383	0.297	ug/l	86
6) Chloroethane	1.71	64	240	Below Cal	#	43
10) Methyl Iodide	2.42	142	163	5.357	ug/l #	40
11) Tert butyl alcohol	2.84	59	1799	2.240	ug/l #	72
13) Acrolein	2.19	56	87	0.206	ug/l	98
16) Acetone	2.32	43	3018	1.701	ug/l	97
27) cis-1,2-Dichloroethene	4.23	96	7023	2.408	ug/l	92
31) Cyclohexane	4.99	56	4150	Below Cal	#	5
36) 1,1-Dichloropropene	4.99	75	15561	4.416	ug/l #	50
38) Carbon Tetrachloride	4.99	117	19484	5.029	ug/l #	16
44) Trichloroethene	6.19	130	7563	2.647	ug/l	92
55) 1,1,2-Trichloroethane	8.05	97	1224	0.466	ug/l #	14
65) Chlorobenzene	9.12	112	19855	2.784	ug/l	92
73) Isopropylbenzene	10.17	105	11783	1.041	ug/l	100
76) 1,2,3-Trichloropropane	10.31	75	84847	26.149	ug/l #	35
78) n-propylbenzene	10.59	91	19113	1.434	ug/l	99
79) 2-Chlorotoluene	10.59	91	19113	2.432	ug/l #	41
81) trans-1,4-Dichloro-2-buten	10.31	75	84847	60.521	ug/l #	100
82) 4-Chlorotoluene	10.59	91	19113	2.089	ug/l #	45
83) tert-Butylbenzene	11.10	119	53612	5.683	ug/l	89
84) 1,2,4-Trimethylbenzene	11.33	105	85805	8.585	ug/l #	31
85) sec-Butylbenzene	11.33	105	85805	7.266	ug/l	95
86) p-Isopropyltoluene	11.69	119	62806	5.939	ug/l	95
87) 1,3-Dichlorobenzene	11.43	146	1731	0.327	ug/l	88
88) 1,4-Dichlorobenzene	11.43	146	1731	0.325	ug/l	87
89) n-Butylbenzene	11.90	91	10489	1.117	ug/l #	75
90) Hexachloroethane	12.26	117	7731	3.747	ug/l #	8
92) 1,2-Dibromo-3-Chloropropan	12.65	75	232	0.222	ug/l #	3
95) Naphthalene	13.75	128	1829	0.846	ug/l #	88

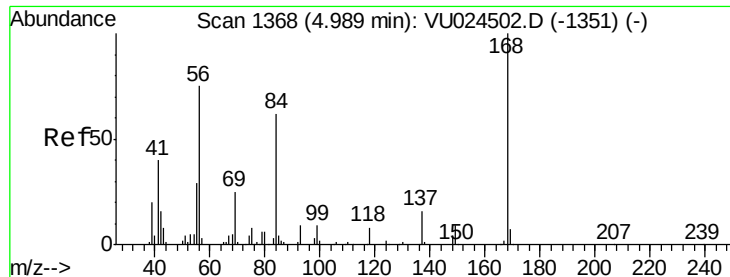
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU025246.D

Acq: 06 Jul 2018 17:40

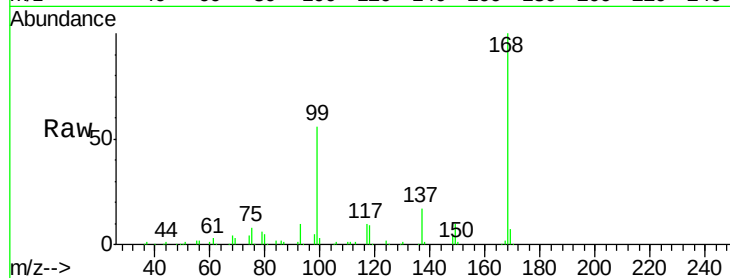
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:168 Resp: 202316

Ion Ratio Lower Upper

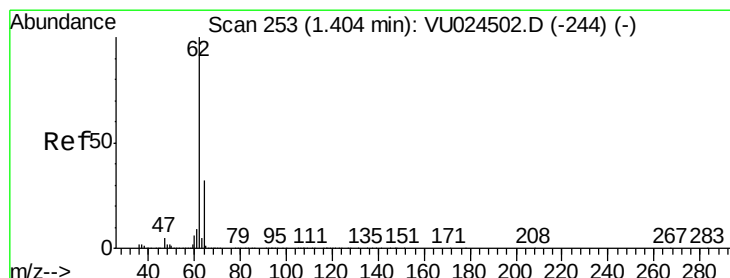
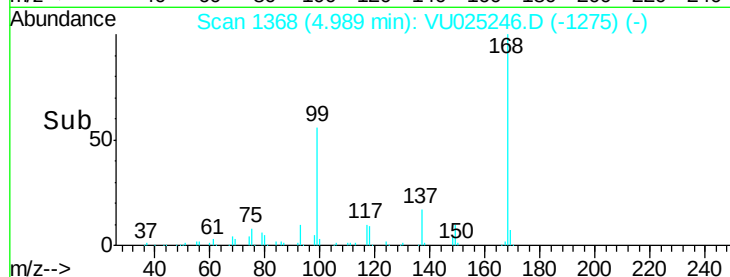
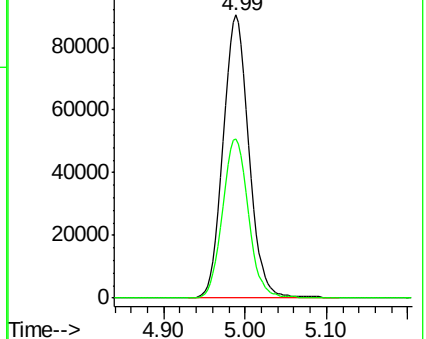
168 100

99 56.5 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU024502.D (-1351) (-)

Ion 98.90 (98.60 to 99.60): VU024502.D (-1351) (-)



#4

Vinyl Chloride

Concen: 0.259 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU025246.D

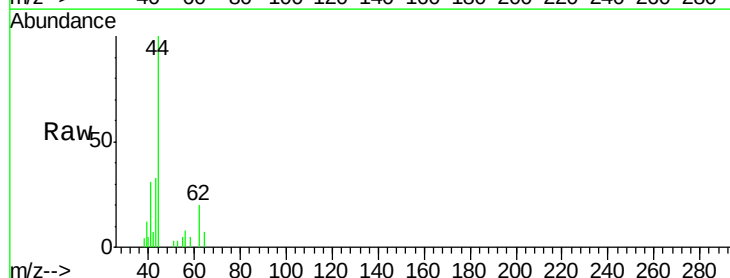
Acq: 06 Jul 2018 17:40

Tgt Ion: 62 Resp: 691

Ion Ratio Lower Upper

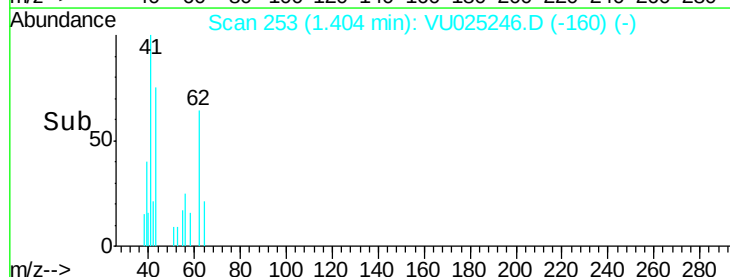
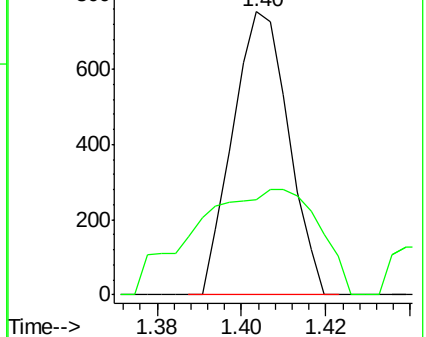
62 100

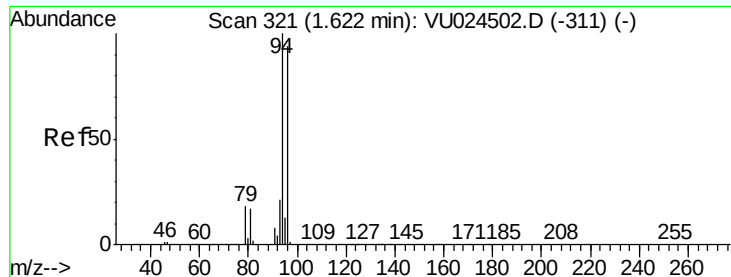
64 19.9 24.8 37.2#



Abundance Ion 61.90 (61.60 to 62.60): VU024502.D (-244) (-)

Ion 63.90 (63.60 to 64.60): VU024502.D (-244) (-)





#5

Bromomethane

Concen: 0.297 ug/l

RT: 1.64 min Scan# 327

Delta R.T. 0.02 min

Lab File: VU025246.D

Acq: 06 Jul 2018 17:40

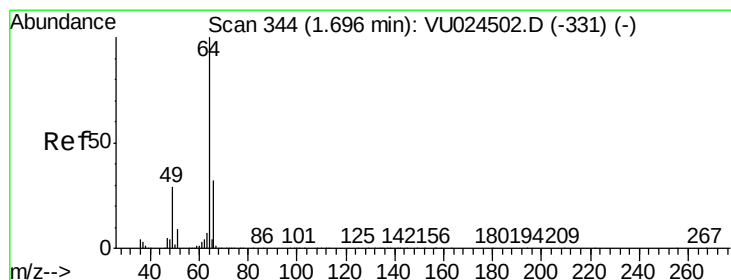
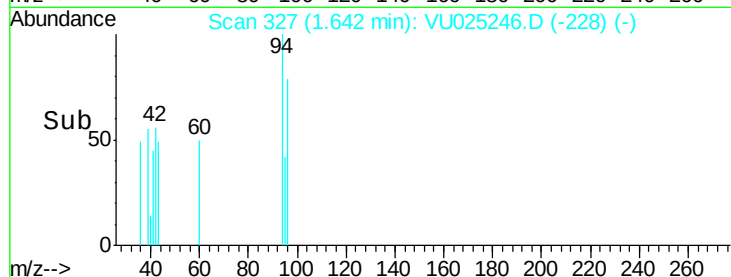
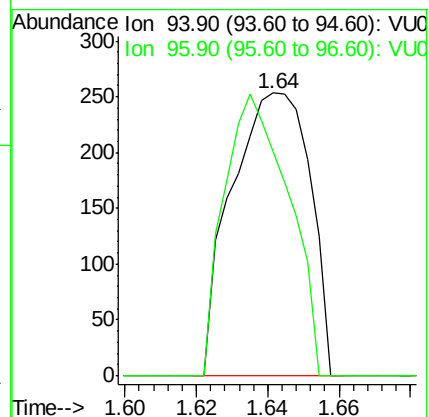
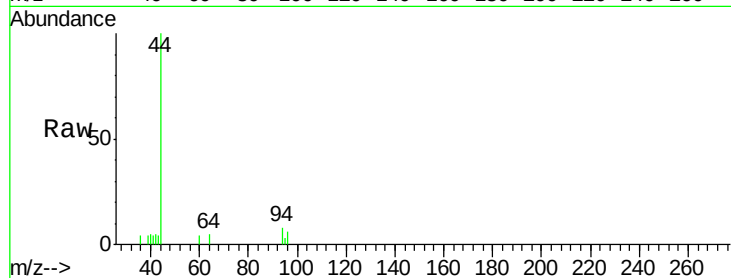
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 94 Resp: 383

Ion Ratio Lower Upper

94 100

96 79.4 74.5 111.7



#6

Chloroethane

Concen: Below Cal

RT: 1.71 min Scan# 347

Delta R.T. 0.01 min

Lab File: VU025246.D

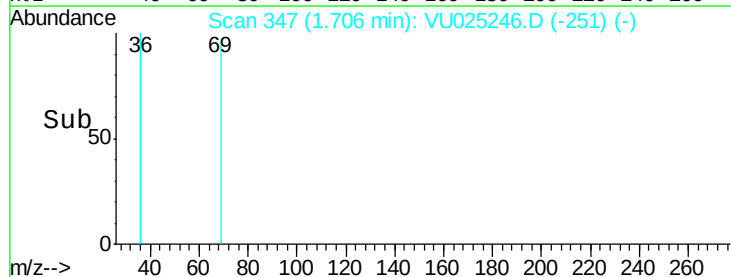
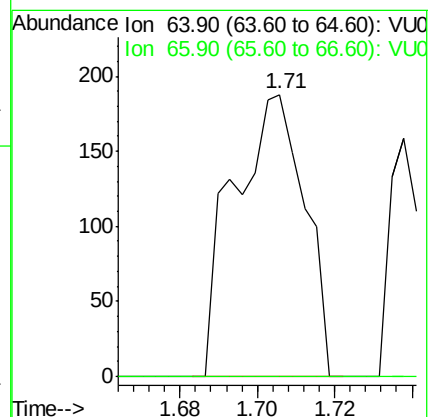
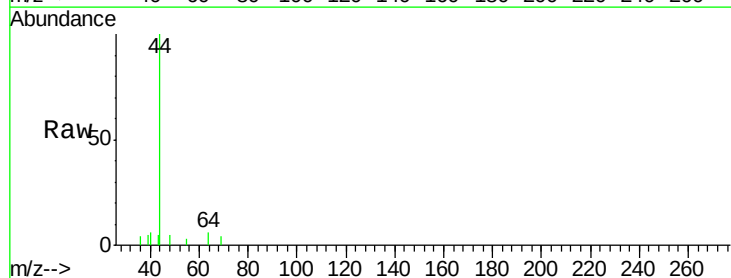
Acq: 06 Jul 2018 17:40

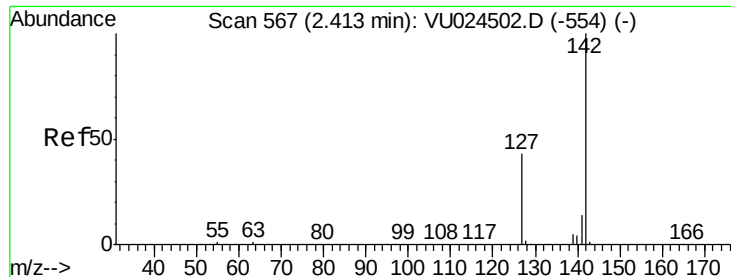
Tgt Ion: 64 Resp: 240

Ion Ratio Lower Upper

64 100

66 0.0 25.5 38.3#





#10

Methvl Iodide

Concen: 5.357 ug/l

RT: 2.42 min Scan# 570

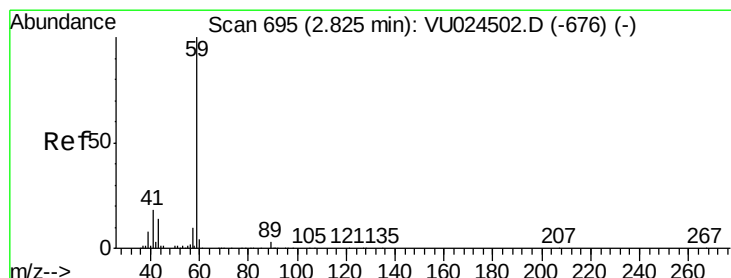
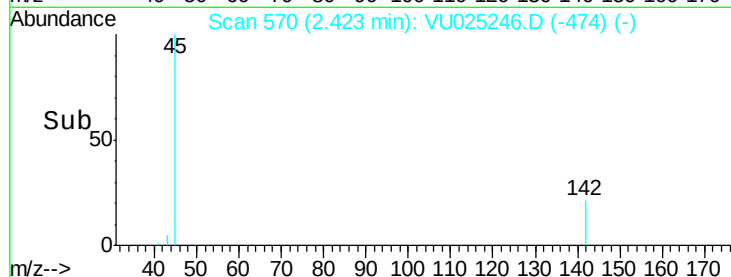
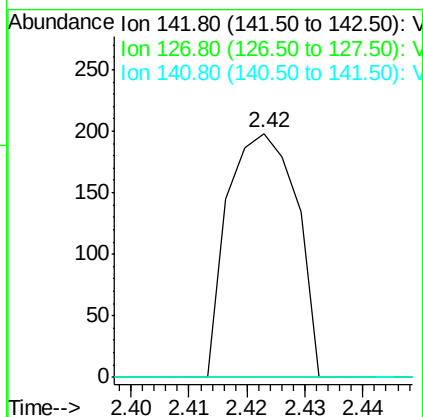
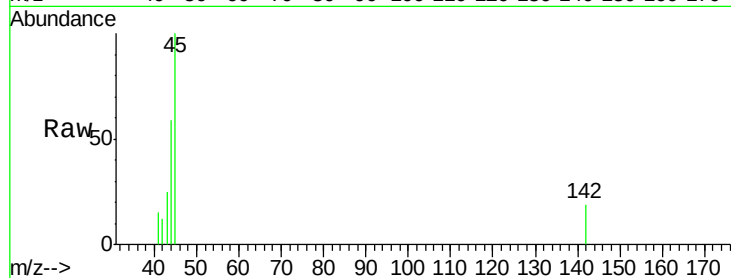
Delta R.T. 0.01 min

Lab File: VU025246.D

Acq: 06 Jul 2018 17:40

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:142	Resp:	163
Ion Ratio	Lower	Upper
142	100	
127	0.0	35.6 53.4#
141	0.0	11.7 17.5#



#11

Tert butyl alcohol

Concen: 2.240 ug/l

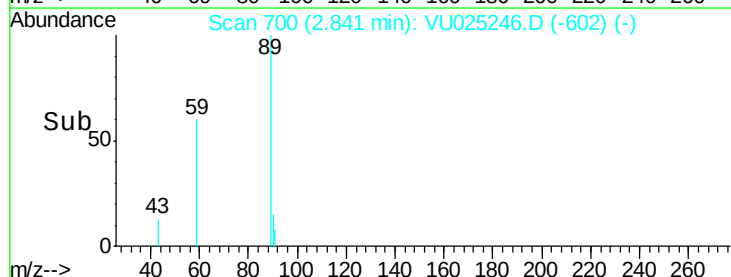
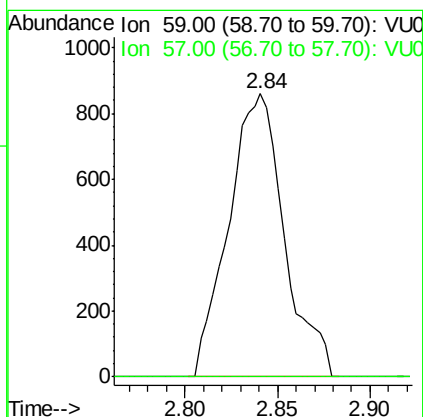
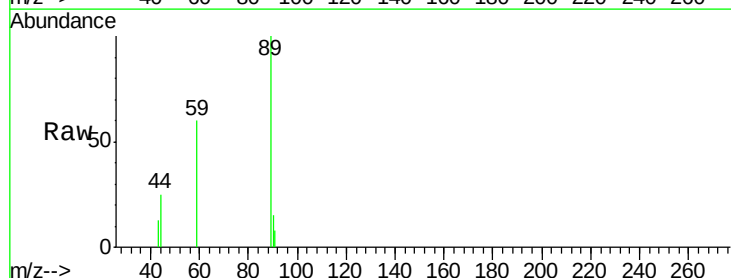
RT: 2.84 min Scan# 700

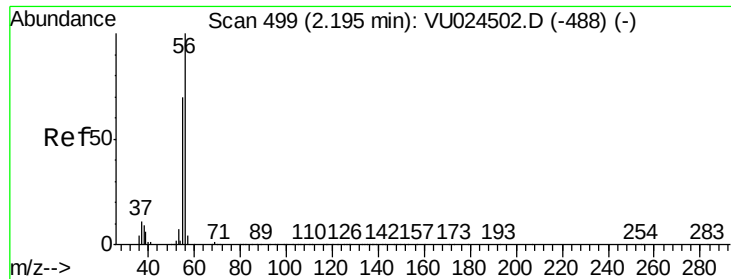
Delta R.T. 0.02 min

Lab File: VU025246.D

Acq: 06 Jul 2018 17:40

Tgt Ion: 59	Resp:	1799
Ion Ratio	Lower	Upper
59	100	
57	0.0	8.5 12.7#





#13

Acrolein

Concen: 0.206 ug/l

RT: 2.19 min Scan# 497

Delta R.T. -0.01 min

Lab File: VU025246.D

Acq: 06 Jul 2018 17:40

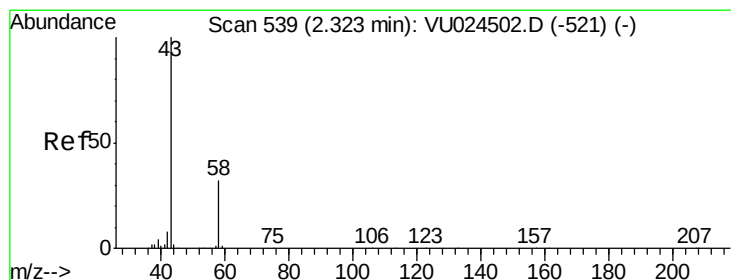
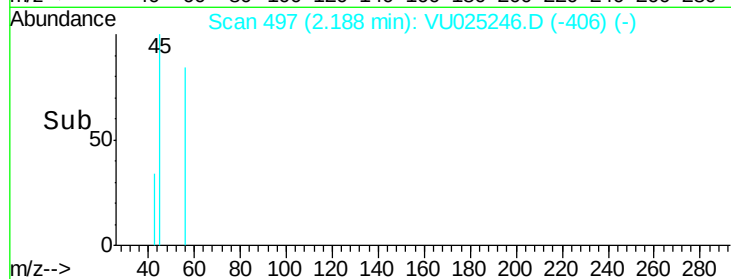
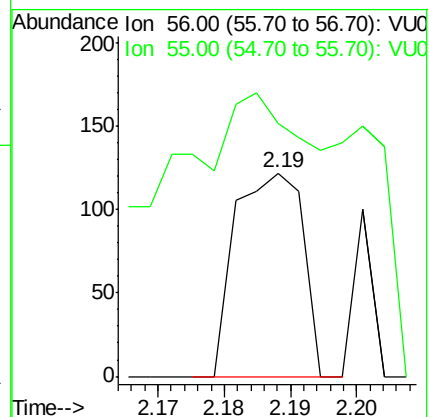
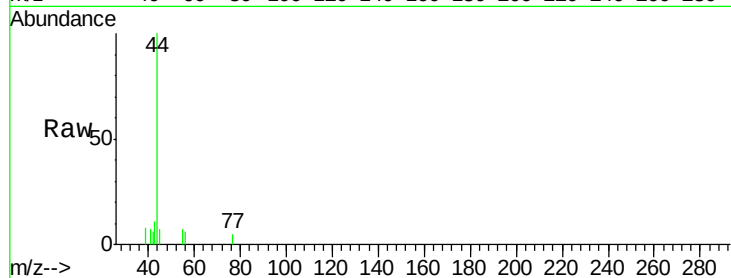
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 56 Resp: 87

Ion Ratio Lower Upper

56 100

55 74.7 58.4 87.6



#16

Acetone

Concen: 1.701 ug/l

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025246.D

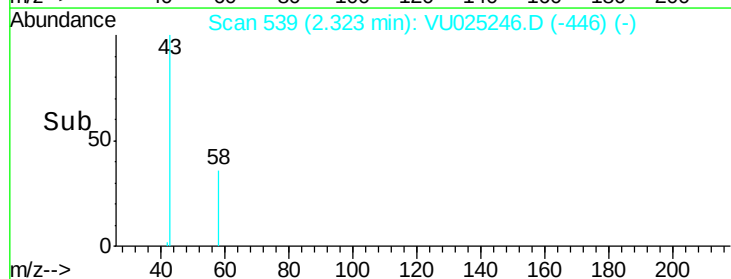
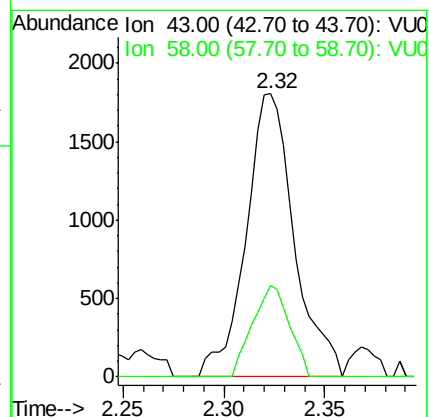
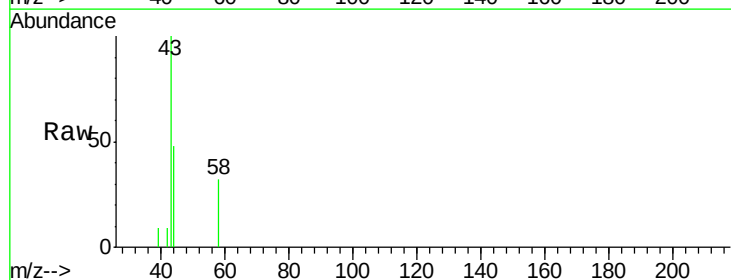
Acq: 06 Jul 2018 17:40

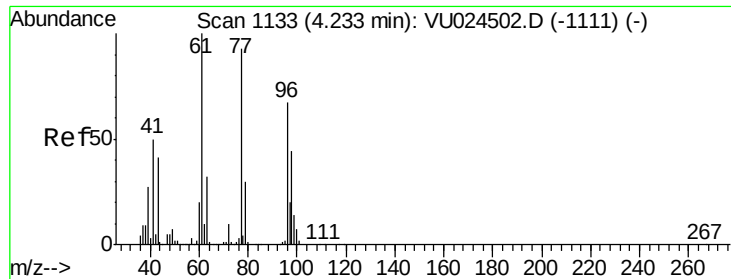
Tgt Ion: 43 Resp: 3018

Ion Ratio Lower Upper

43 100

58 32.1 24.4 36.6

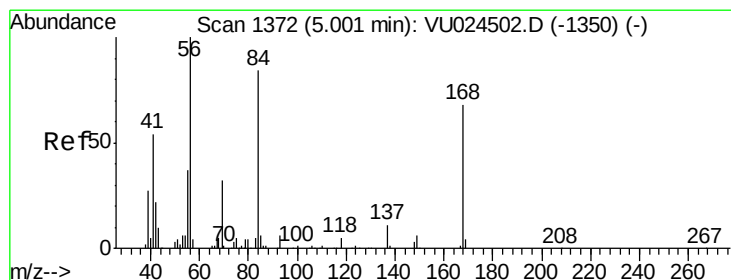
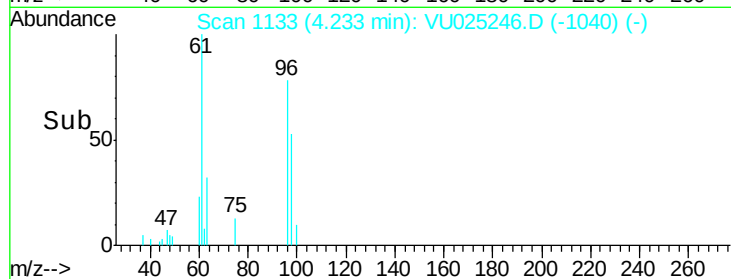
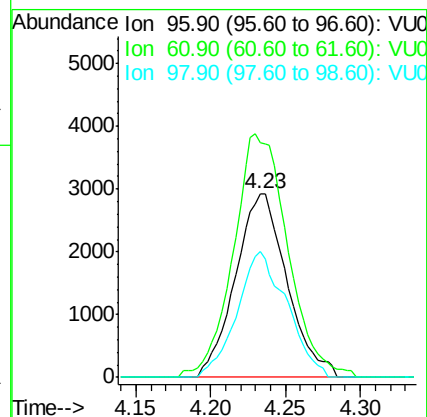
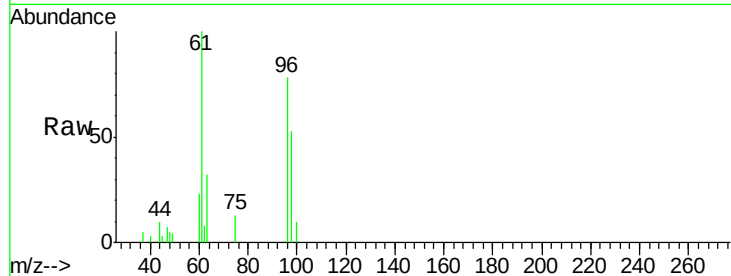




#27
 cis-1,2-Dichloroethene
 Concen: 2.408 ug/l
 RT: 4.23 min Scan# 1133
 Delta R.T. 0.00 min
 Lab File: VU025246.D
 Acq: 06 Jul 2018 17:40

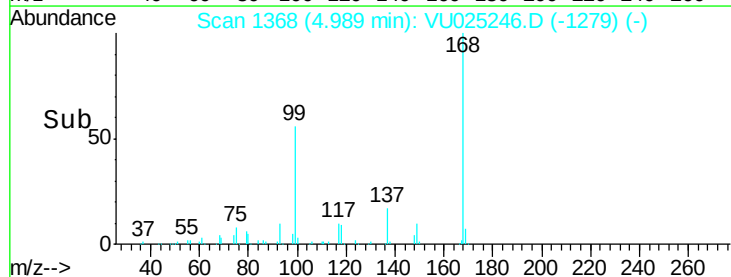
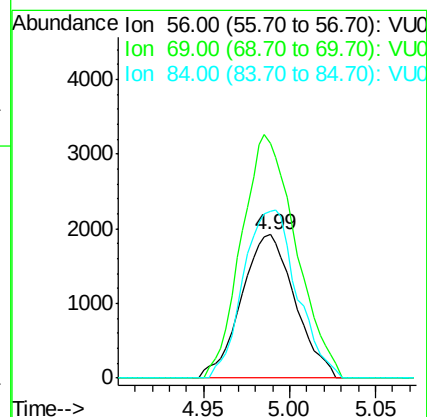
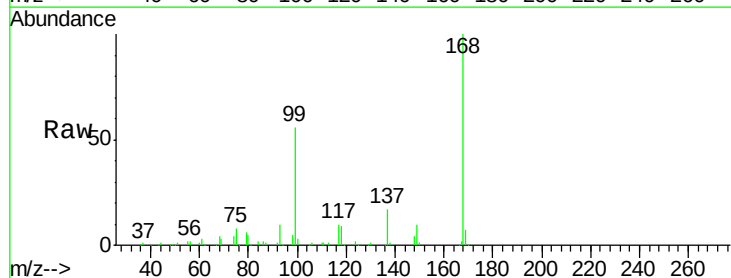
Instrument :
 MSVOA_U
 ClientSampleId :

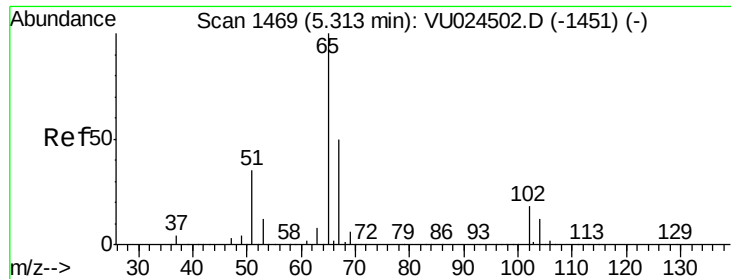
Tot Ion	Ratio	Lower	Upper
96	100		
61	139.8	0.0	306.6
98	66.0	0.0	128.8



#31
 Cyclohexane
 Concen: Below Cal
 RT: 4.99 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: VU025246.D
 Acq: 06 Jul 2018 17:40

Tgt Ion	Ratio	Lower	Upper
56	100		
69	163.9	24.8	37.2#
84	116.4	65.2	97.8#

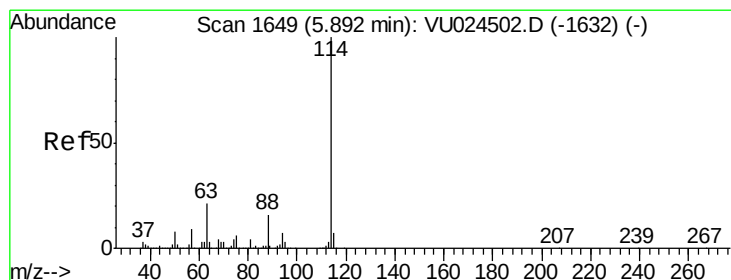
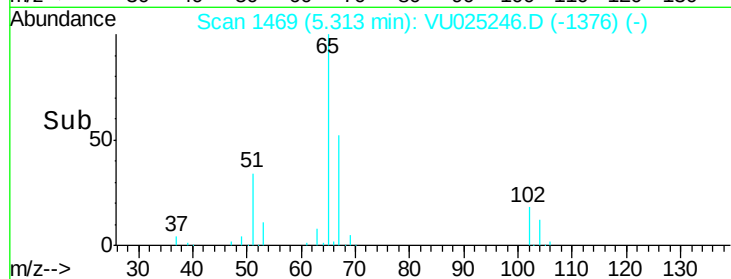
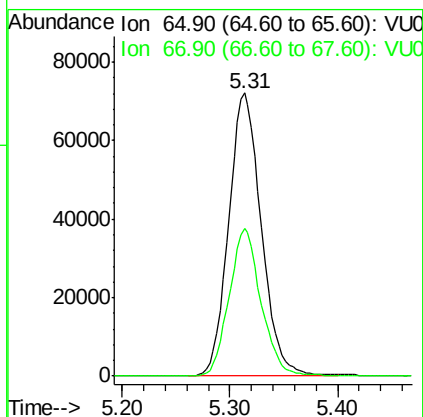
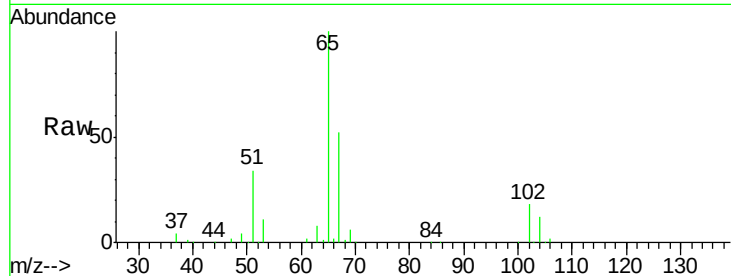




#33
 1,2-Dichloroethane-d4
 Concen: 46.028 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU025246.D
 Acq: 06 Jul 2018 17:40

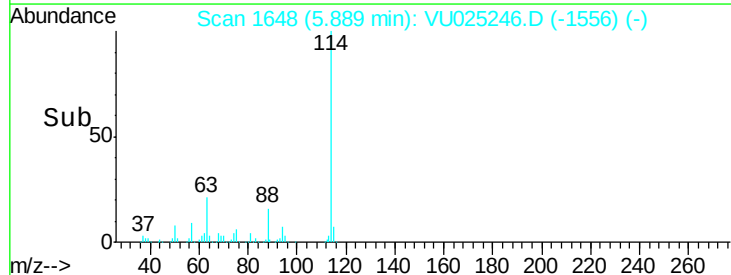
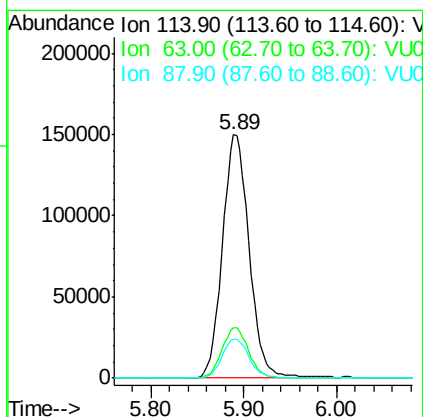
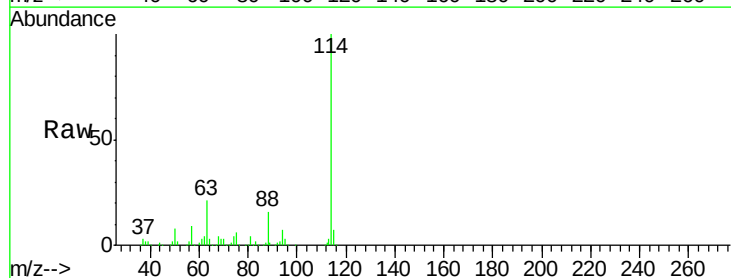
Instrument :
 MSVOA_U
 ClientSampled :

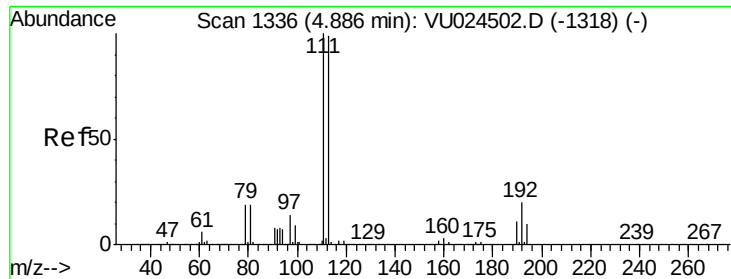
Tot Ion: 65 Resp: 152025
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VU025246.D
 Acq: 06 Jul 2018 17:40

Tgt Ion: 114 Resp: 299843
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 45.4
 88 16.0 0.0 31.0

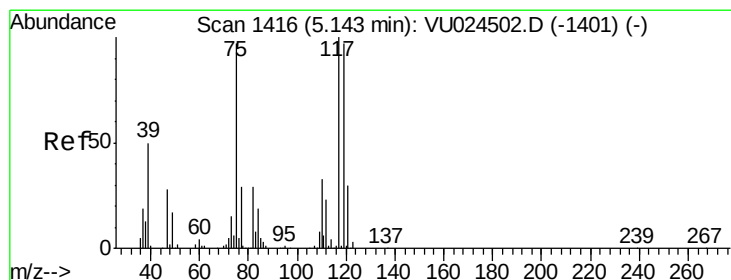
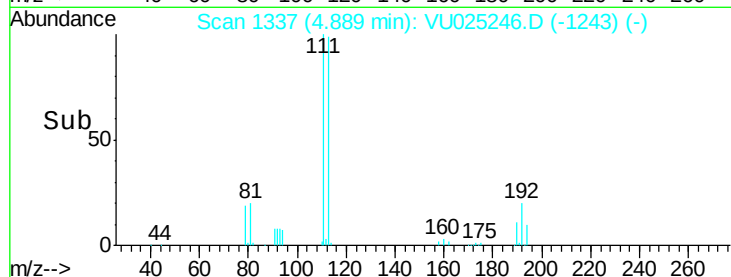
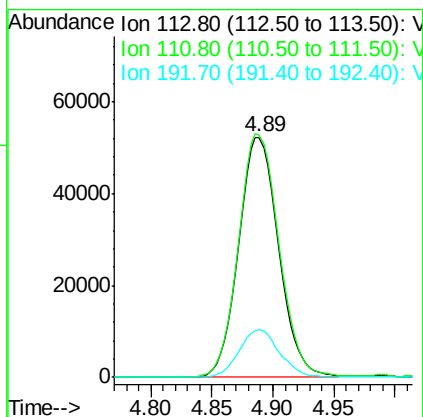
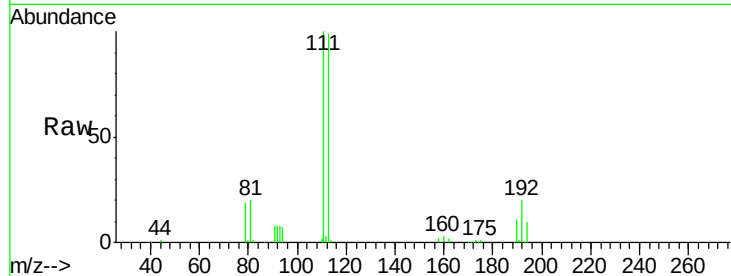




#35
 Dibromofluoromethane
 Concen: 47.562 ug/l
 RT: 4.89 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VU025246.D
 Acq: 06 Jul 2018 17:40

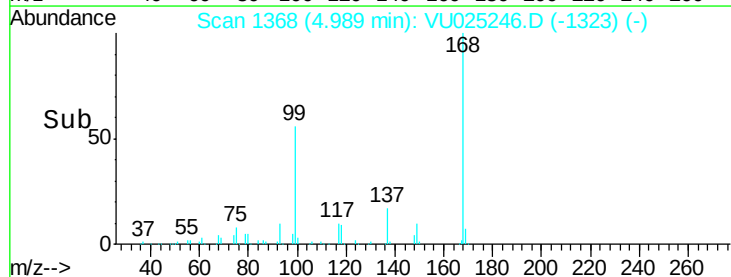
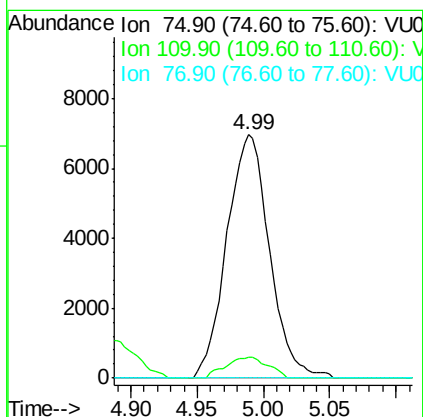
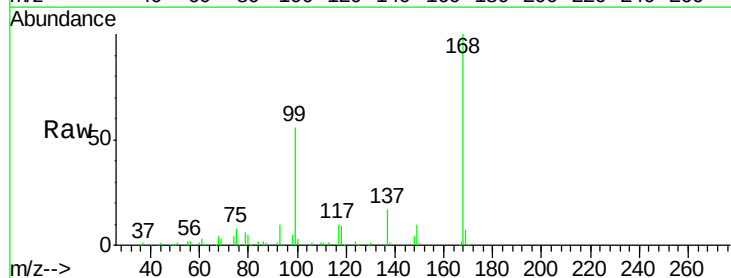
Instrument :
 MSVOA_U
 ClientSampleId :

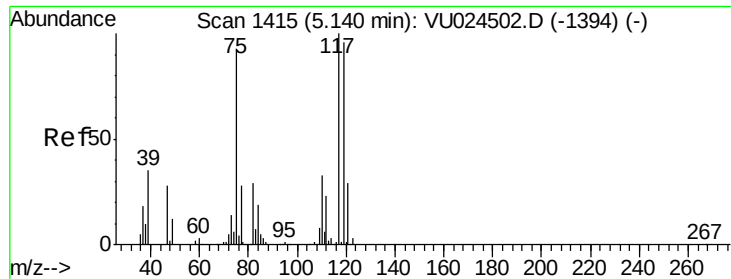
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.2	123.4
192	20.1	16.2	24.4



#36
 1,1-Dichloropropene
 Concen: 4.416 ug/l
 RT: 4.99 min Scan# 1368
 Delta R.T. -0.15 min
 Lab File: VU025246.D
 Acq: 06 Jul 2018 17:40

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.5	17.0	50.9#
77	0.0	24.2	36.4#





#38

Carbon Tetrachloride

Concen: 5.029 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.15 min

Lab File: VU025246.D

Acq: 06 Jul 2018 17:40

Instrument :

MSVOA_U

ClientSampleId :

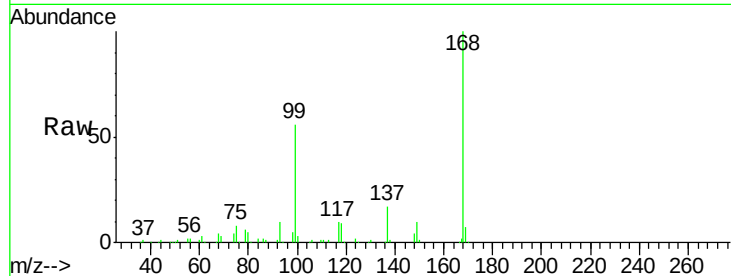
Tot Ion:117 Resp: 19484

Ion Ratio Lower Upper

117 100

119 4.1 76.1 114.1#

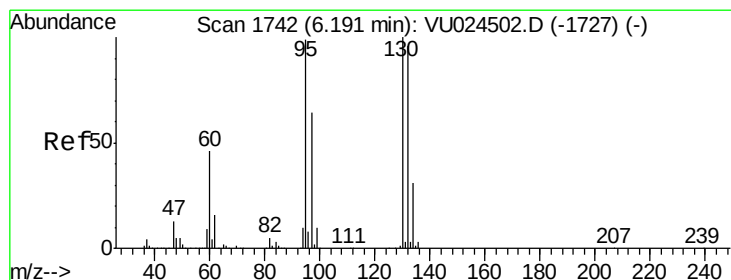
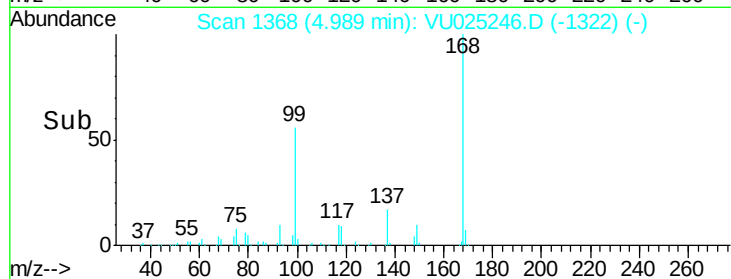
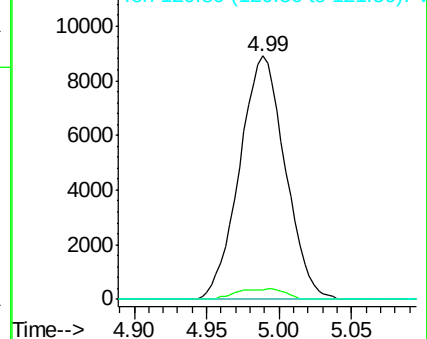
121 0.0 23.7 35.5#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#44

Trichloroethene

Concen: 2.647 ug/l

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU025246.D

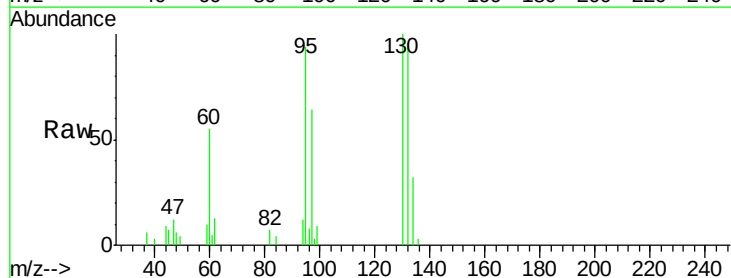
Acq: 06 Jul 2018 17:40

Tgt Ion:130 Resp: 7563

Ion Ratio Lower Upper

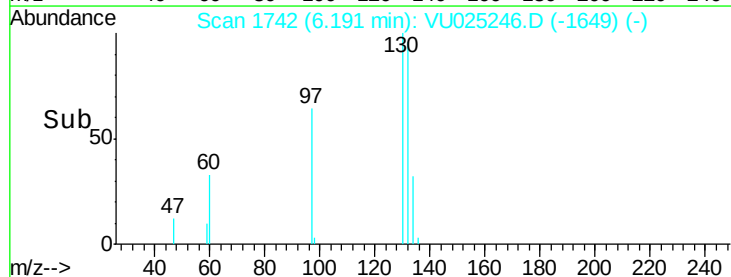
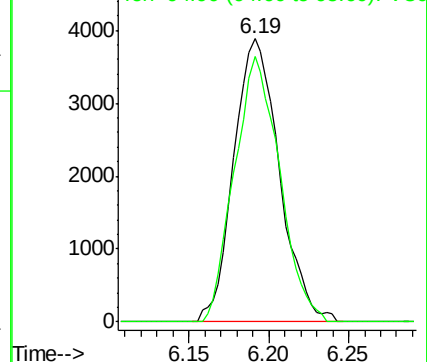
130 100

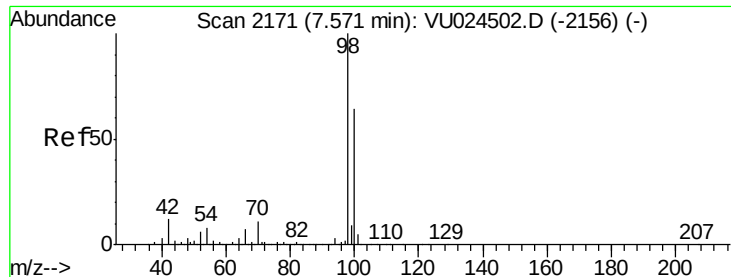
95 93.6 0.0 202.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VU0

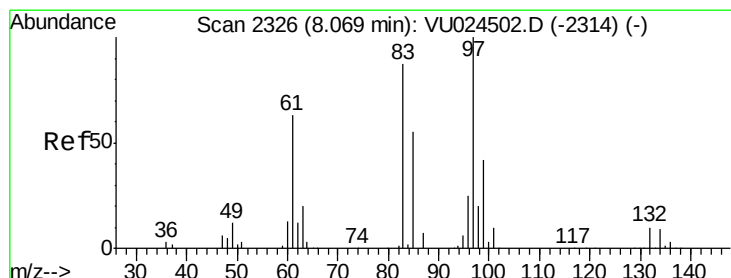
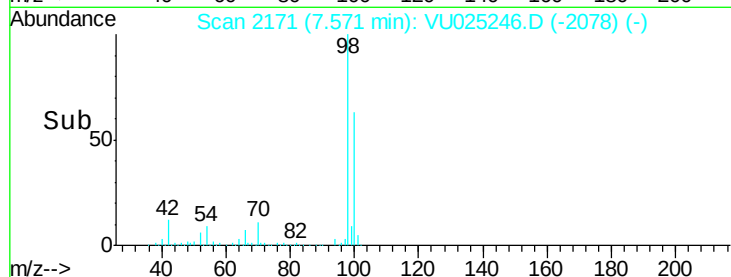
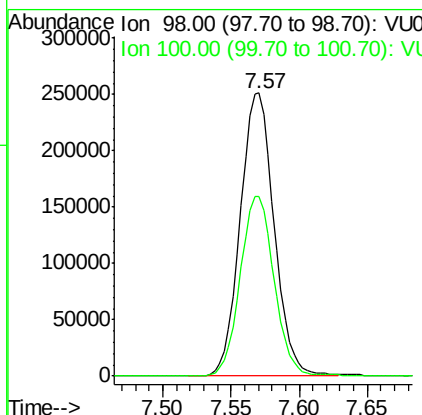
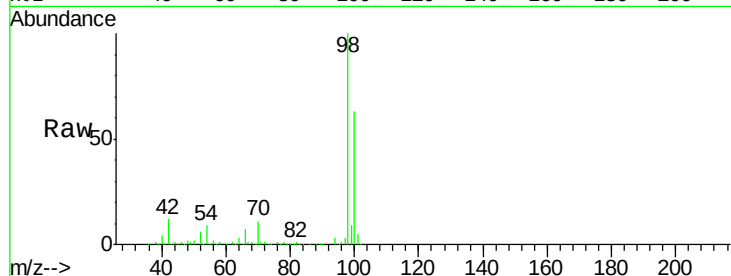




#50
Toluene-d8
Concen: 47.957 ug/l
RT: 7.57 min Scan# 2171
Delta R.T. 0.00 min
Lab File: VU025246.D
Acq: 06 Jul 2018 17:40

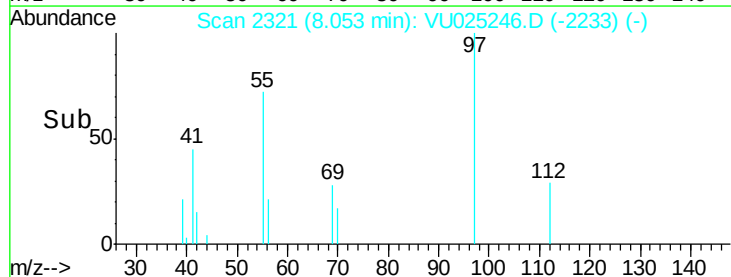
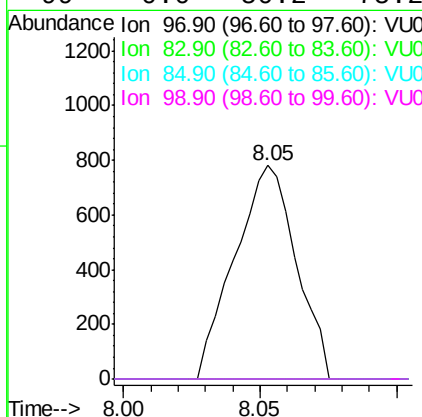
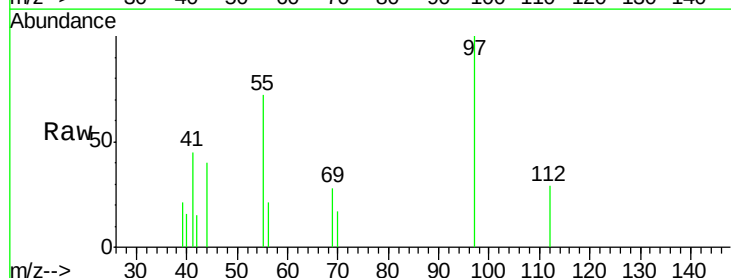
Instrument :
MSVOA_U
ClientSampled :

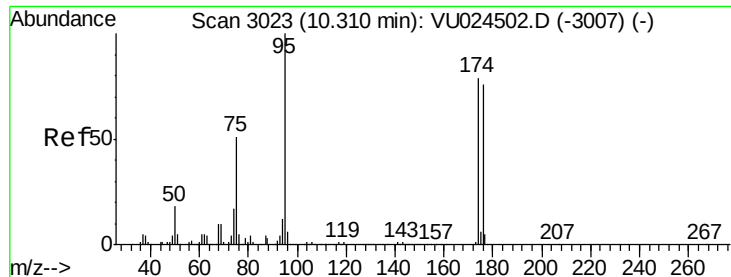
Tot Ion: 98 Resp: 435301
Ion Ratio Lower Upper
98 100
100 63.6 51.1 76.7



#55
1,1,2-Trichloroethane
Concen: 0.466 ug/l
RT: 8.05 min Scan# 2321
Delta R.T. -0.02 min
Lab File: VU025246.D
Acq: 06 Jul 2018 17:40

Tgt Ion: 97 Resp: 1224
Ion Ratio Lower Upper
97 100
83 0.0 70.5 105.7#
85 0.0 46.4 69.6#
99 0.0 50.2 75.2#

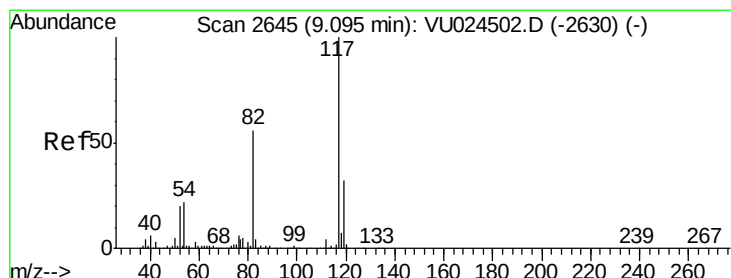
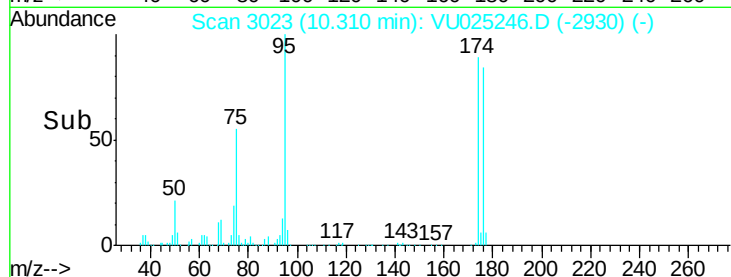
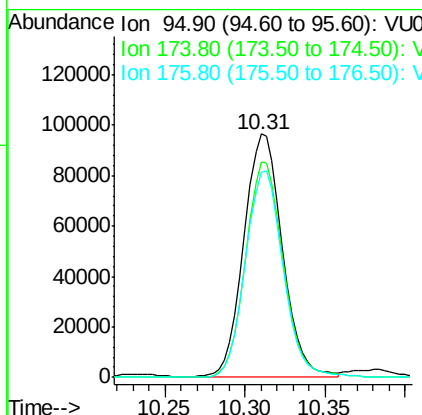
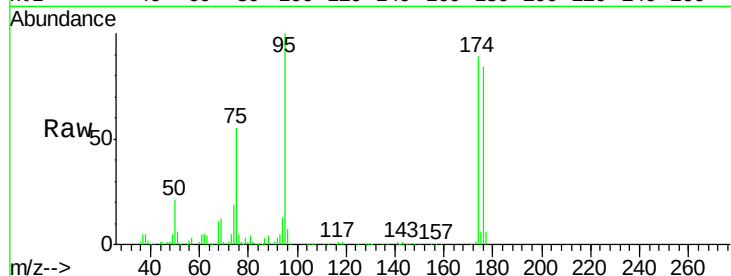




#62
4-Bromofluorobenzene
Concen: 43.995 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU025246.D
Acq: 06 Jul 2018 17:40

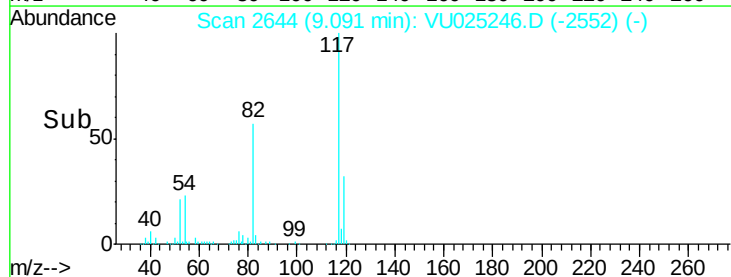
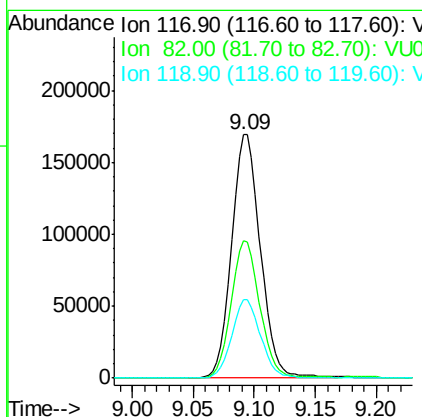
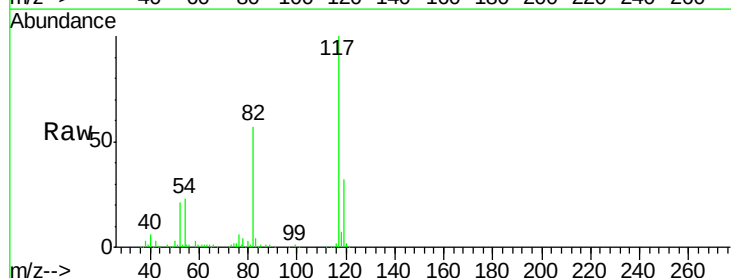
Instrument :
MSVOA_U
ClientSampleId :

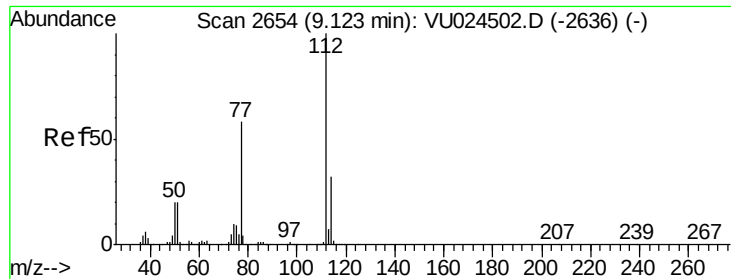
Tot Ion	95	Resp	158553
Ion	Ratio	Lower	Upper
95	100		
174	86.9	0.0	165.8
176	83.5	0.0	159.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU025246.D
Acq: 06 Jul 2018 17:40

Tgt Ion	117	Resp	279153
Ion	Ratio	Lower	Upper
117	100		
82	56.7	44.3	66.5
119	32.3	25.4	38.2

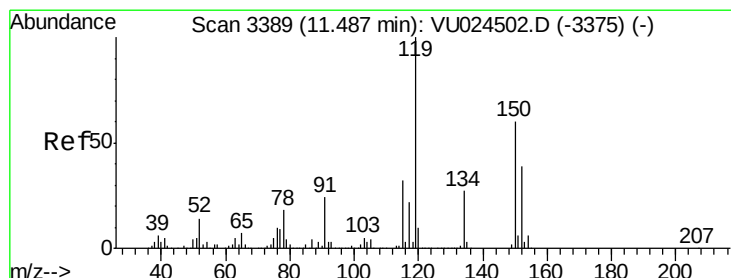
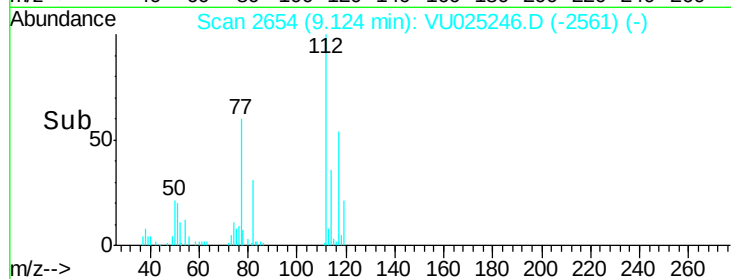
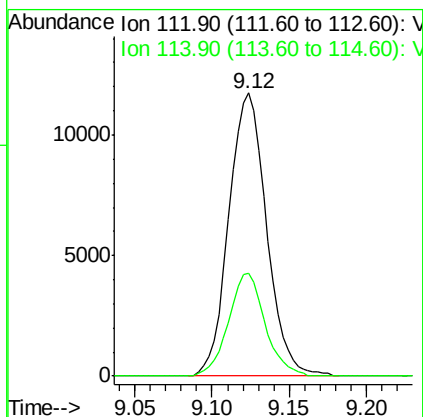
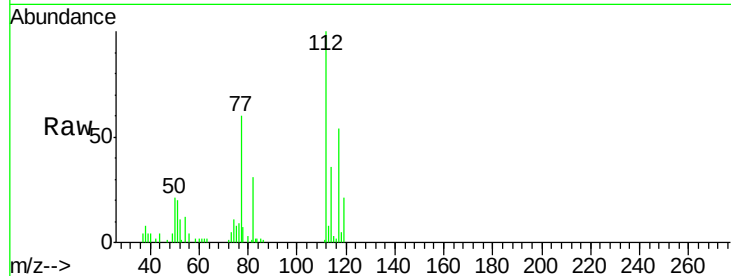




#65
Chlorobenzene
Concen: 2.784 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU025246.D
Acq: 06 Jul 2018 17:40

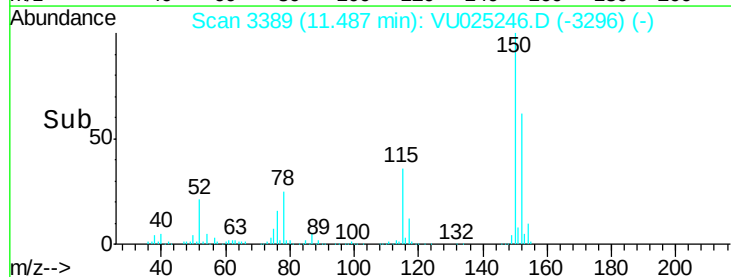
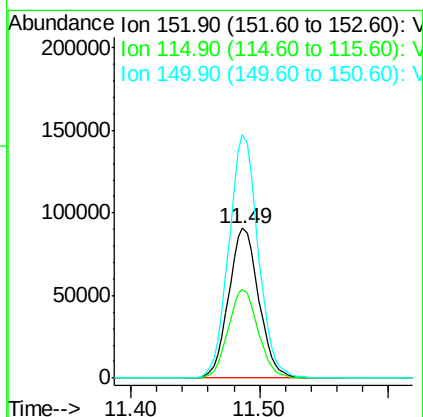
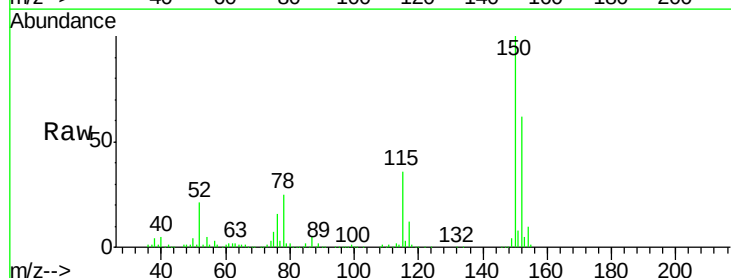
Instrument :
MSVOA_U
ClientSampleId :

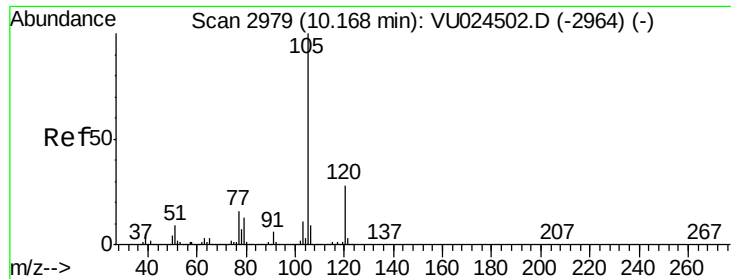
Tot Ion:112 Resp: 19855
Ion Ratio Lower Upper
112 100
114 36.5 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VU025246.D
Acq: 06 Jul 2018 17:40

Tgt Ion:152 Resp: 147377
Ion Ratio Lower Upper
152 100
115 58.6 43.0 129.0
150 158.3 0.0 354.0





#73

Isopropylbenzene

Concen: 1.041 ug/l

RT: 10.17 min Scan# 2980

Delta R.T. 0.00 min

Lab File: VU025246.D

Acq: 06 Jul 2018 17:40

Instrument :

MSVOA_U

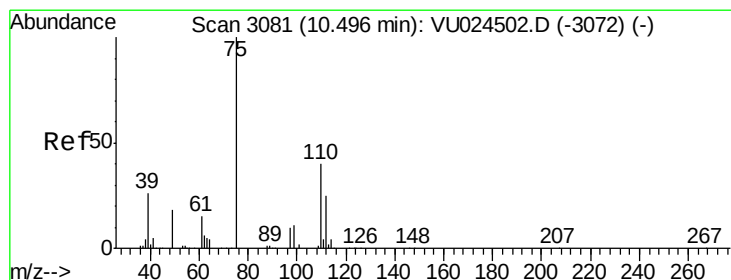
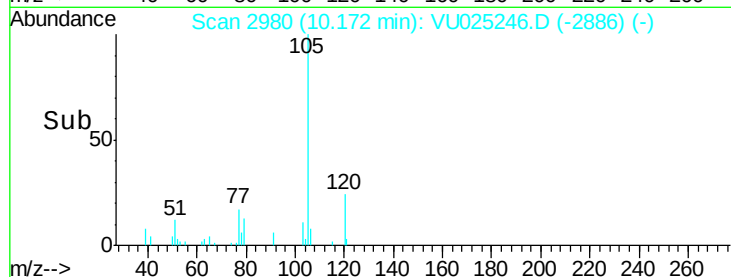
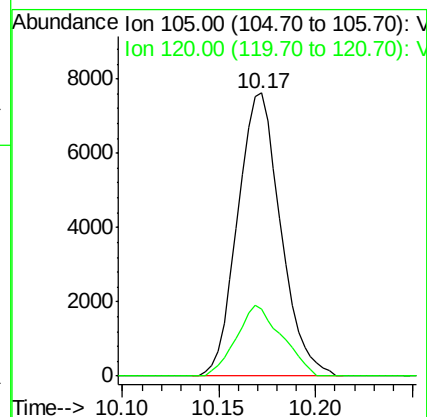
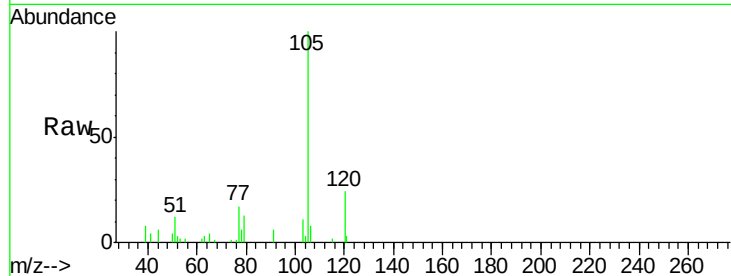
ClientSampleId :

Tot Ion:105 Resp: 11783

Ion Ratio Lower Upper

105 100

120 26.4 13.2 39.6



#76

1,2,3-Trichloropropane

Concen: 26.149 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.19 min

Lab File: VU025246.D

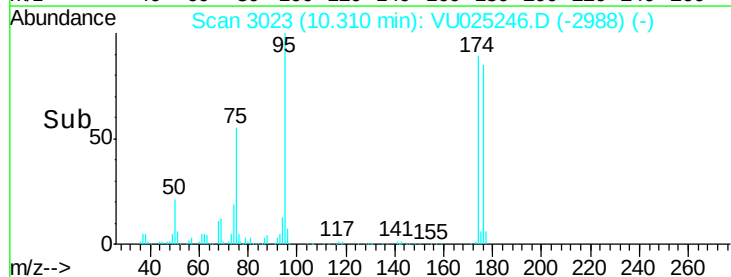
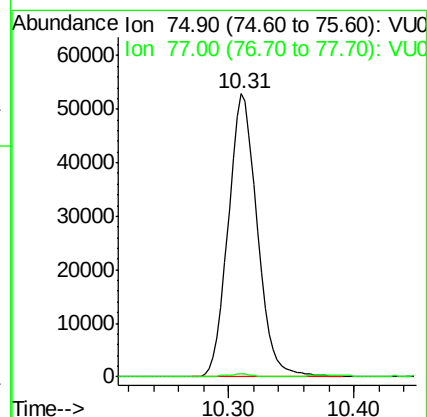
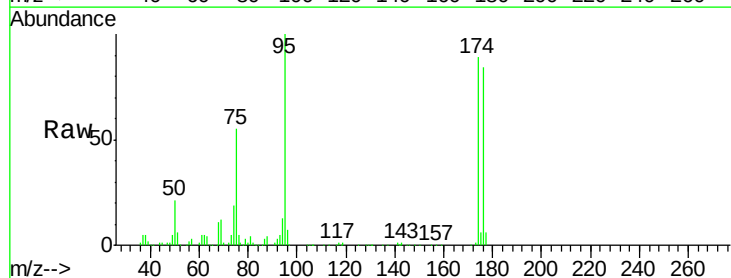
Acq: 06 Jul 2018 17:40

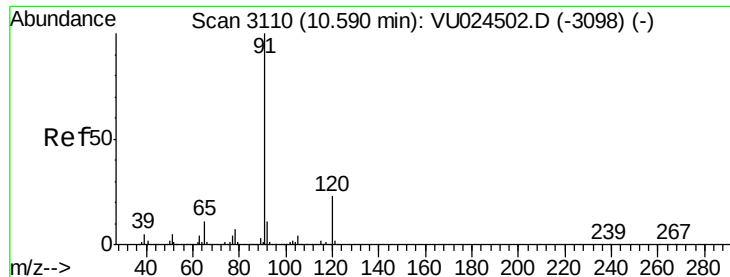
Tgt Ion: 75 Resp: 84847

Ion Ratio Lower Upper

75 100

77 1.0 20.9 62.7#





#78

n-propylbenzene

Concen: 1.434 ug/l

RT: 10.59 min Scan# 3111

Delta R.T. 0.00 min

Lab File: VU025246.D

Acq: 06 Jul 2018 17:40

Instrument :

MSVOA_U

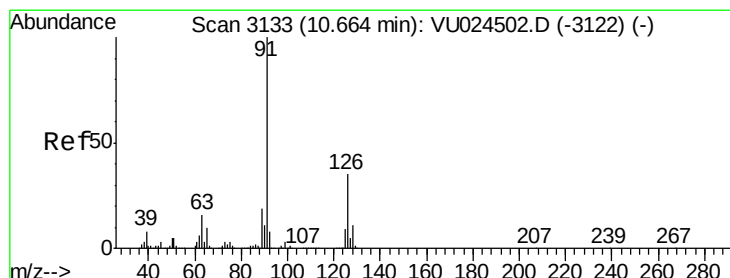
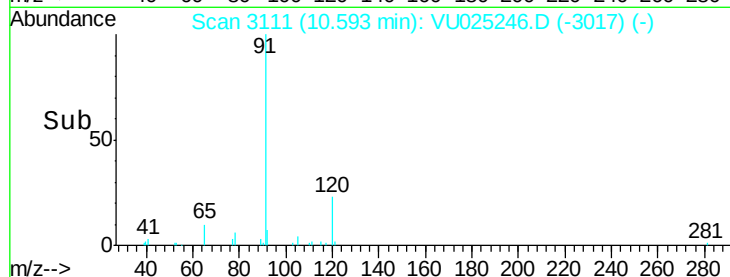
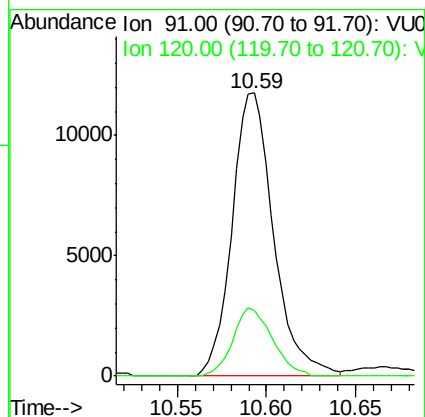
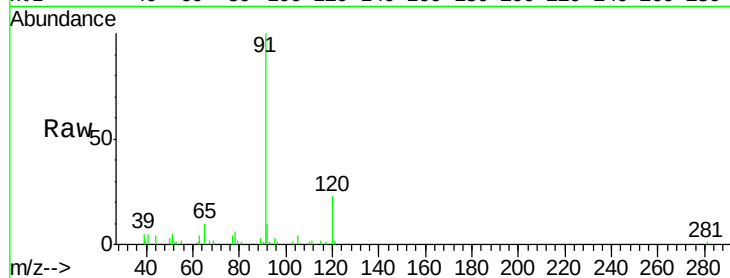
ClientSampleId :

Tot Ion: 91 Resp: 19113

Ion Ratio Lower Upper

91 100

120 22.8 11.2 33.5



#79

2-Chlorotoluene

Concen: 2.432 ug/l

RT: 10.59 min Scan# 3111

Delta R.T. -0.07 min

Lab File: VU025246.D

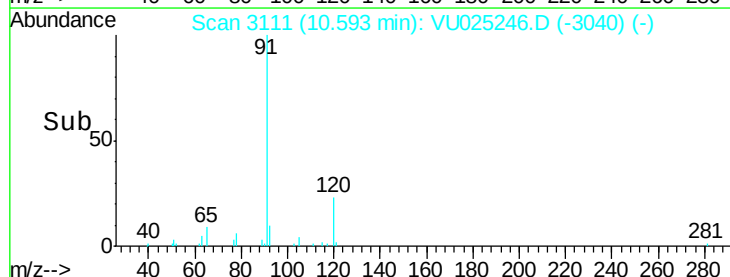
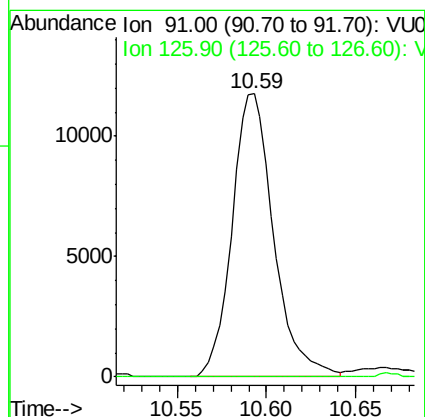
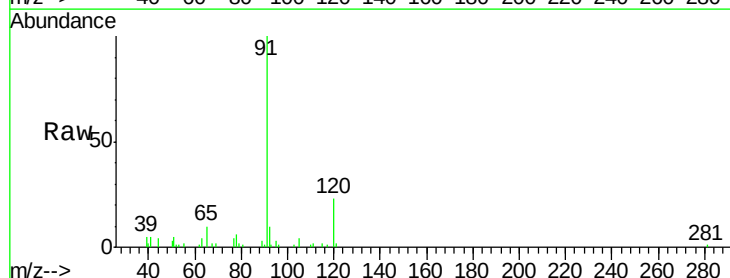
Acq: 06 Jul 2018 17:40

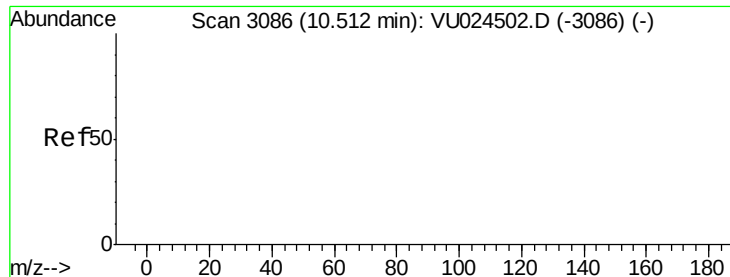
Tgt Ion: 91 Resp: 19113

Ion Ratio Lower Upper

91 100

126 0.0 16.9 50.7#





#81

trans-1,4-Dichloro-2-butene

Concen: 60.521 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.20 min

Lab File: VU025246.D

Acq: 06 Jul 2018 17:40

Instrument :

MSVOA_U

ClientSampleId :

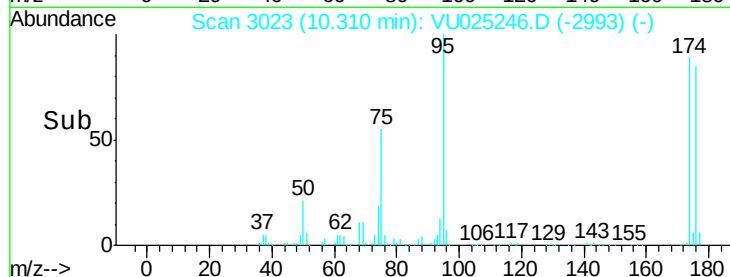
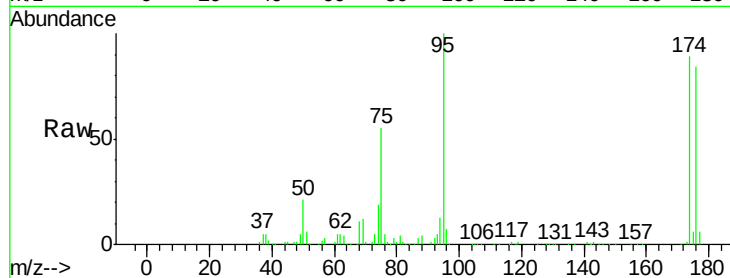
Tot Ion: 75 Resp: 84847

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

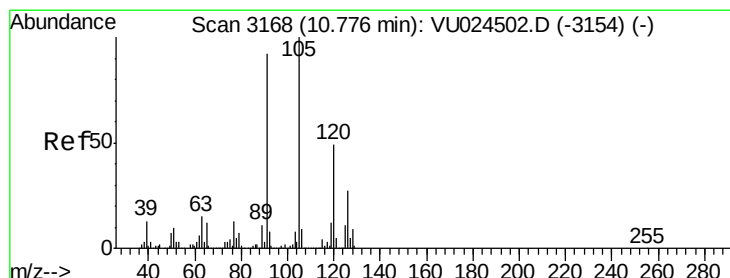
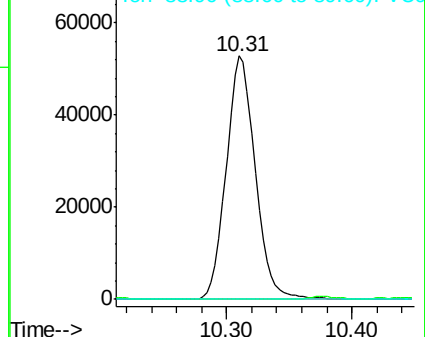
89 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0



#82

4-Chlorotoluene

Concen: 2.089 ug/l

RT: 10.59 min Scan# 3111

Delta R.T. -0.18 min

Lab File: VU025246.D

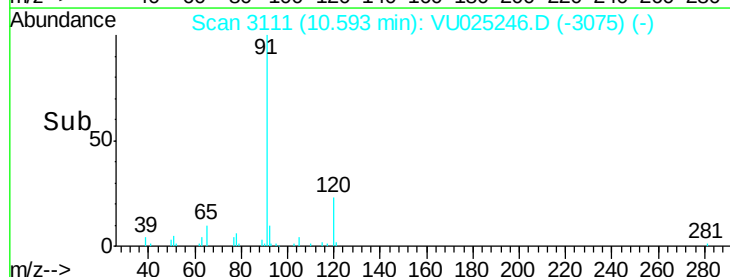
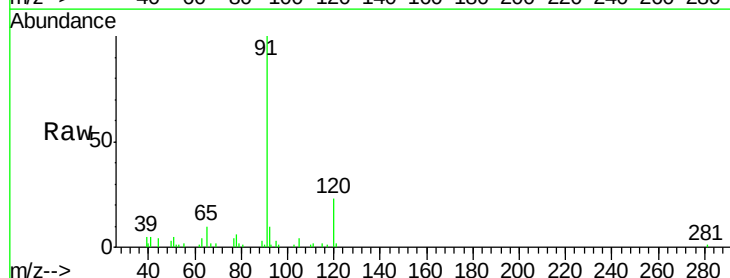
Acq: 06 Jul 2018 17:40

Tgt Ion: 91 Resp: 19113

Ion Ratio Lower Upper

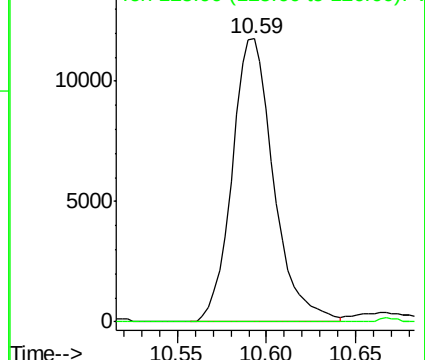
91 100

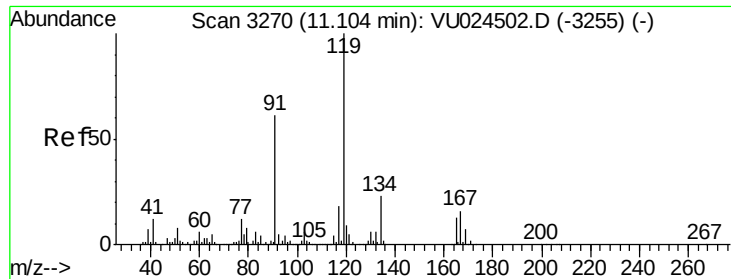
126 0.0 14.9 44.9#



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 125.90 (125.60 to 126.60): V

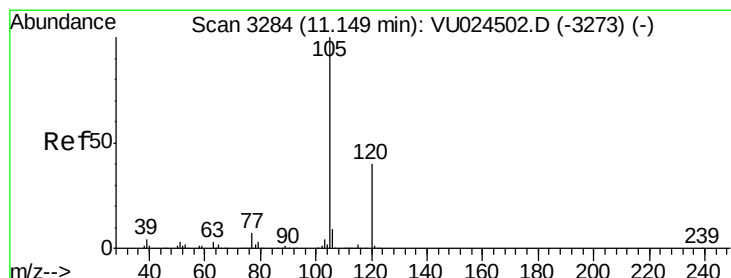
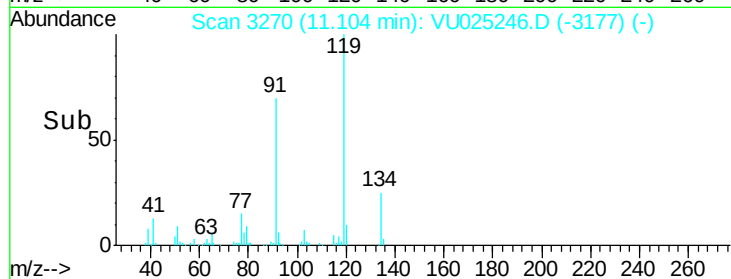
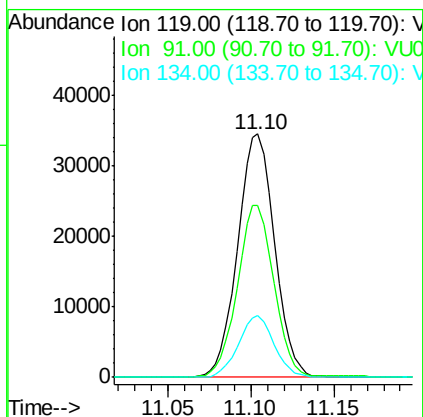
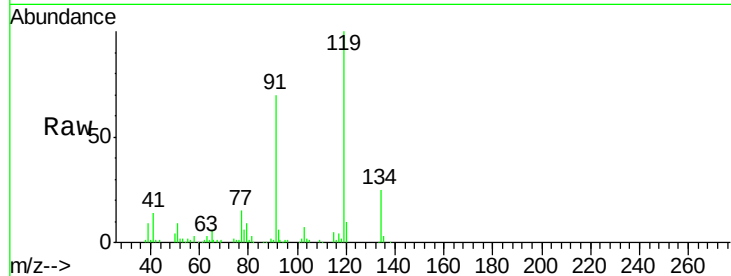




#83
 tert-Butylbenzene
 Concen: 5.683 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: VU025246.D
 Acq: 06 Jul 2018 17:40

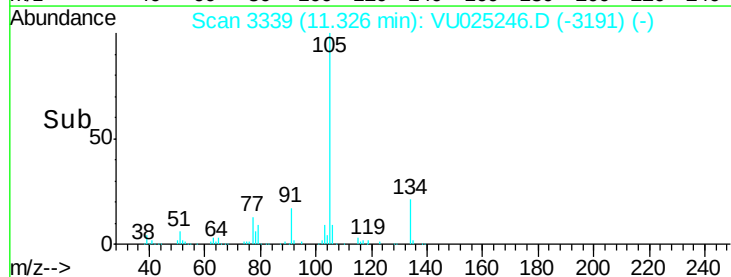
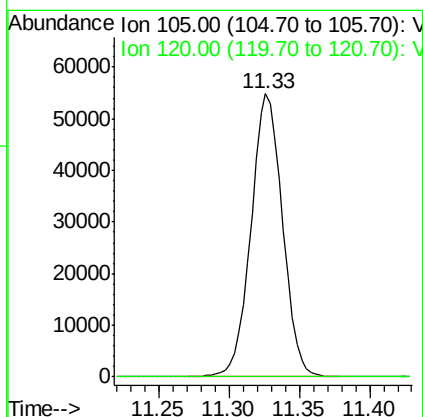
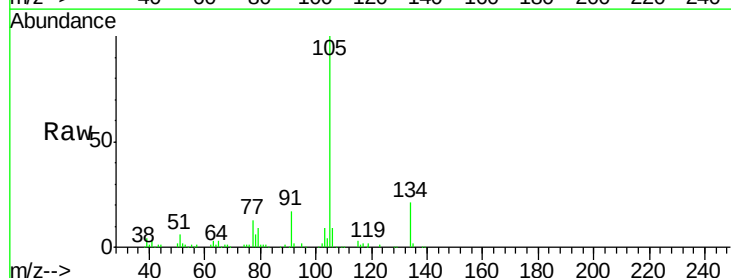
Instrument :
 MSVOA_U
 ClientSampleId :

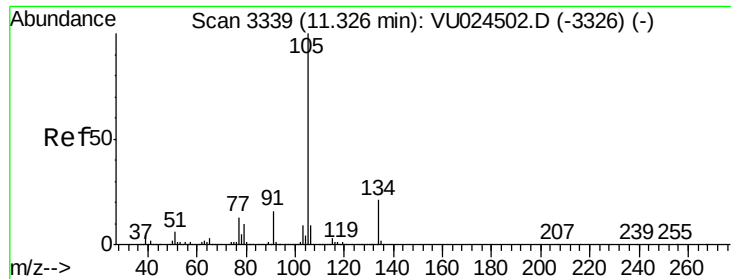
Tot Ion	Ratio	Lower	Upper
119	100		
91	70.0	29.7	89.1
134	24.4	11.6	34.7



#84
 1,2,4-Trimethylbenzene
 Concen: 8.585 ug/l
 RT: 11.33 min Scan# 3339
 Delta R.T. 0.18 min
 Lab File: VU025246.D
 Acq: 06 Jul 2018 17:40

Tgt Ion	Ratio	Lower	Upper
105	100		
120	0.0	22.6	67.8#





#85

sec-Butylbenzene

Concen: 7.266 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VU025246.D

Acq: 06 Jul 2018 17:40

Instrument :

MSVOA_U

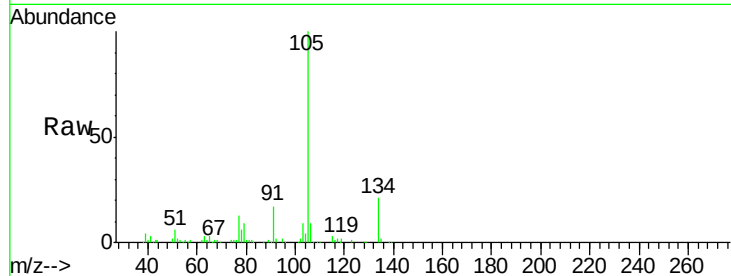
ClientSampleId :

Tot Ion:105 Resp: 85805

Ion Ratio Lower Upper

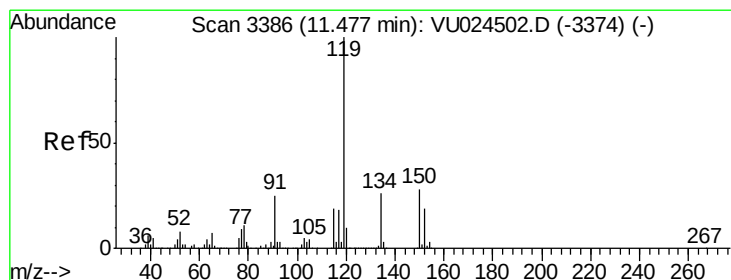
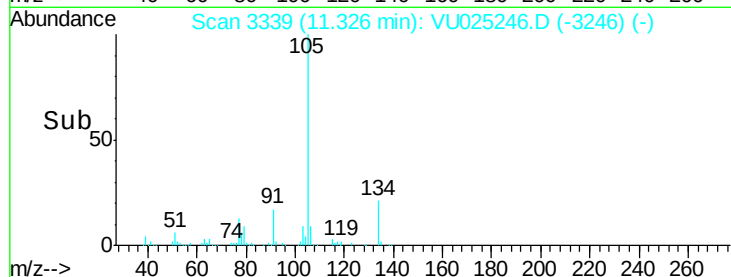
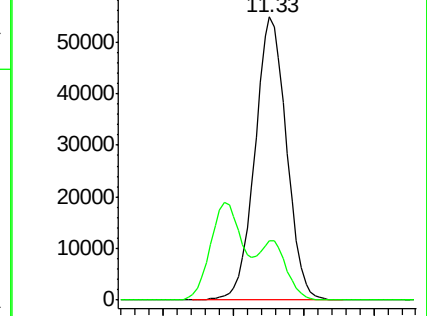
105 100

134 17.0 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 5.939 ug/l

RT: 11.69 min Scan# 3453

Delta R.T. 0.22 min

Lab File: VU025246.D

Acq: 06 Jul 2018 17:40

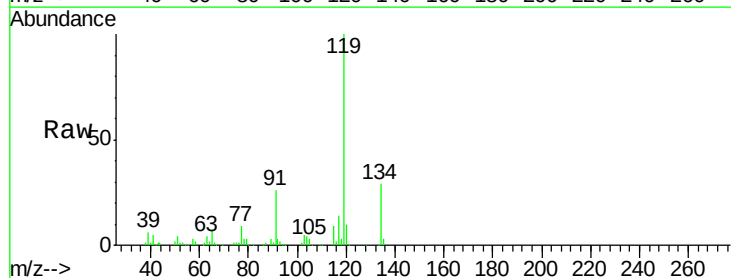
Tgt Ion:119 Resp: 62806

Ion Ratio Lower Upper

119 100

134 28.2 12.9 38.6

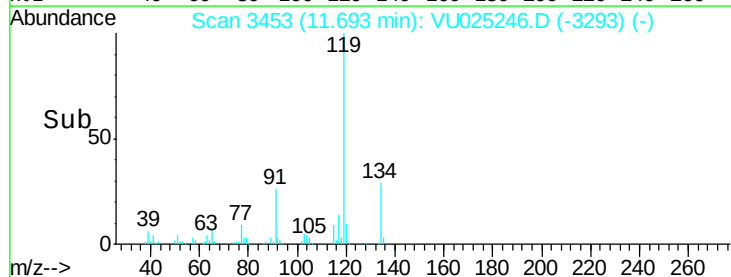
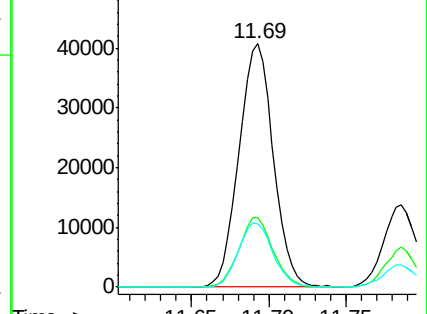
91 26.4 12.0 36.1

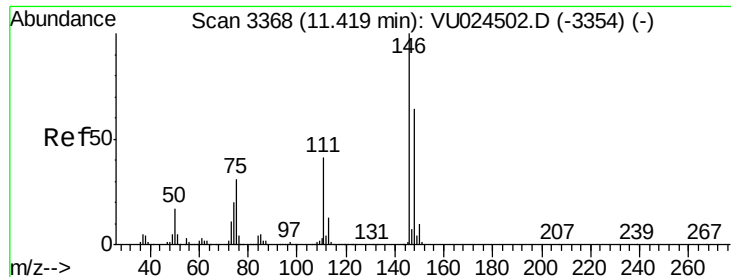


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0





#87

1,3-Dichlorobenzene

Concen: 0.327 ug/l

RT: 11.43 min Scan# 3370

Delta R.T. 0.01 min

Lab File: VU025246.D

Acq: 06 Jul 2018 17:40

Instrument :

MSVOA_U

ClientSampleId :

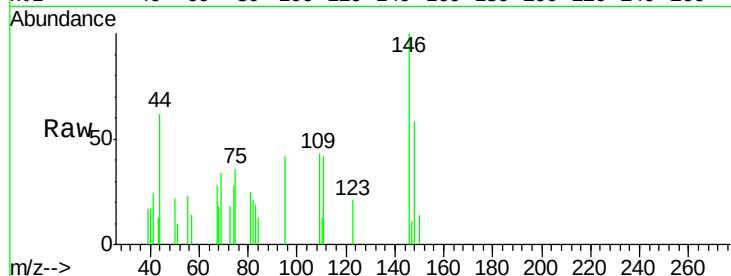
Tot Ion:146 Resp: 1731

Ion Ratio Lower Upper

146 100

111 46.3 20.0 60.0

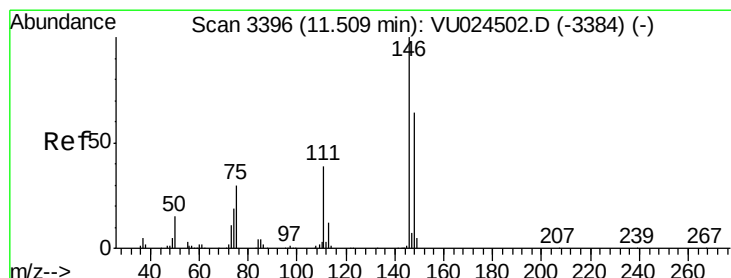
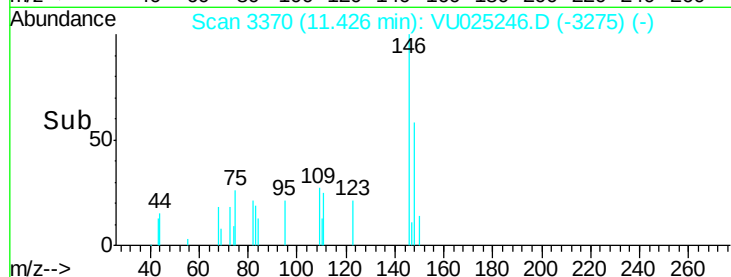
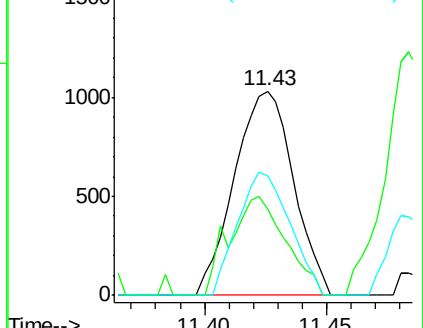
148 53.4 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 0.325 ug/l

RT: 11.43 min Scan# 3370

Delta R.T. -0.08 min

Lab File: VU025246.D

Acq: 06 Jul 2018 17:40

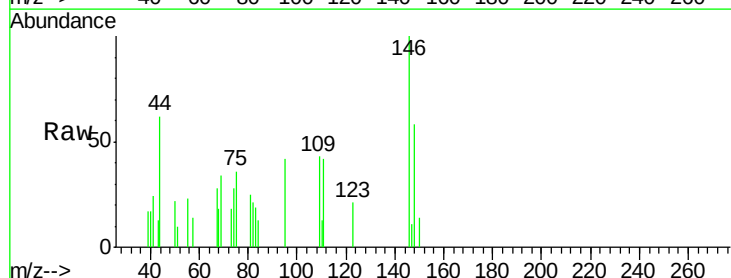
Tgt Ion:146 Resp: 1731

Ion Ratio Lower Upper

146 100

111 46.3 19.5 58.5

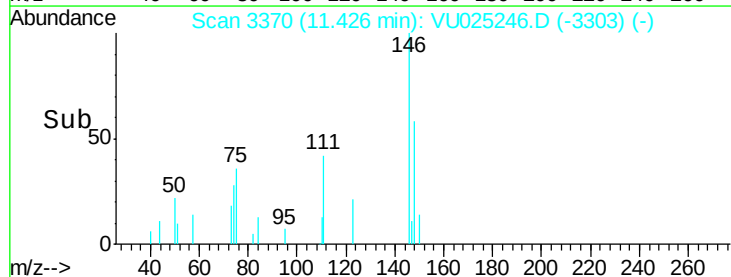
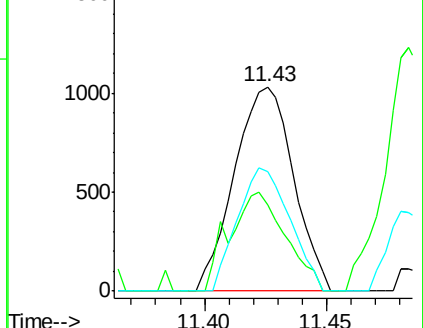
148 53.4 32.4 97.0

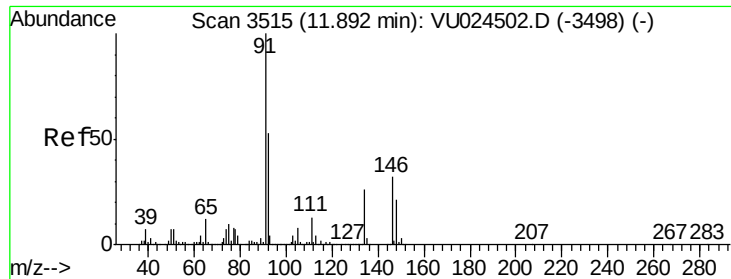


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 1.117 ug/l

RT: 11.90 min Scan# 3516

Delta R.T. 0.00 min

Lab File: VU025246.D

Acq: 06 Jul 2018 17:40

Instrument :

MSVOA_U

ClientSampleId :

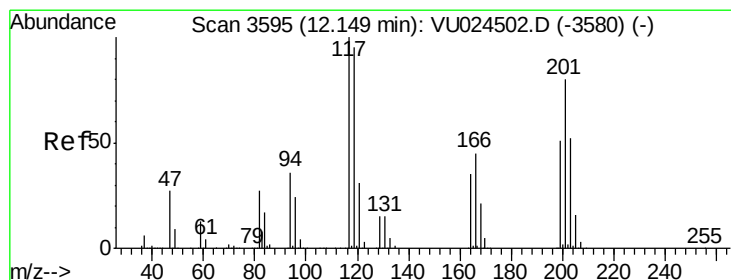
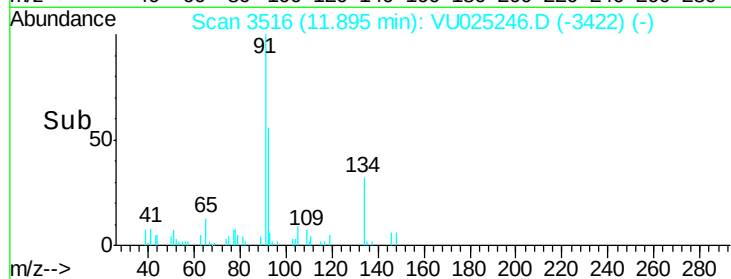
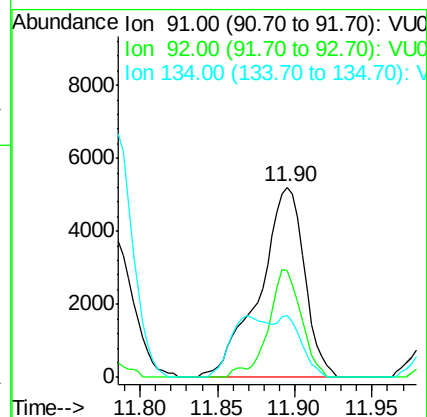
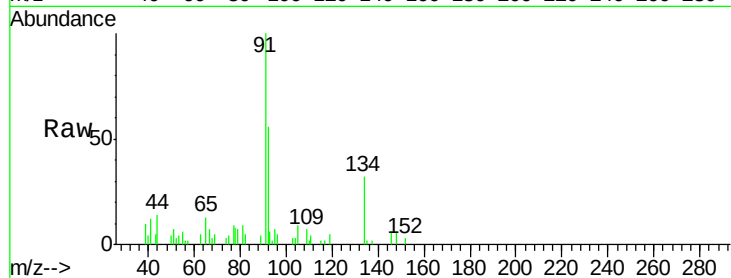
Tot Ion: 91 Resp: 10489

Ion Ratio Lower Upper

91 100

92 41.6 25.6 76.8

134 0.0 12.3 36.8#



#90

Hexachloroethane

Concen: 3.747 ug/l

RT: 12.26 min Scan# 3628

Delta R.T. 0.11 min

Lab File: VU025246.D

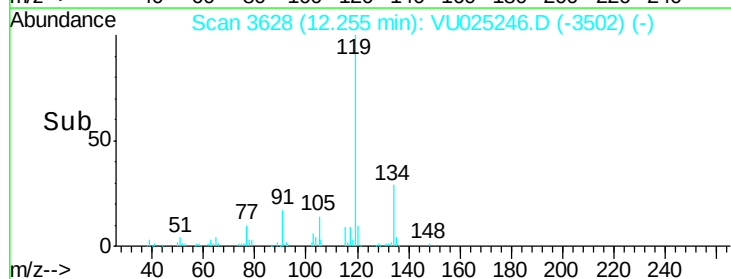
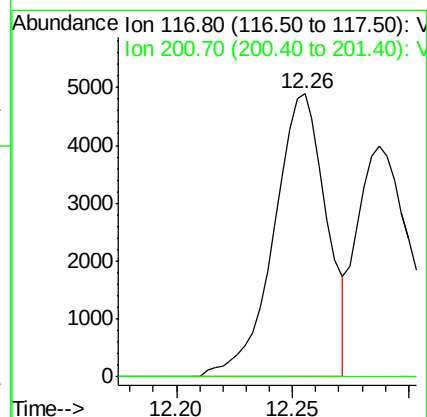
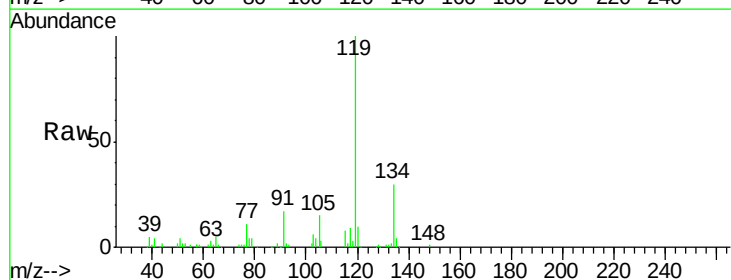
Acq: 06 Jul 2018 17:40

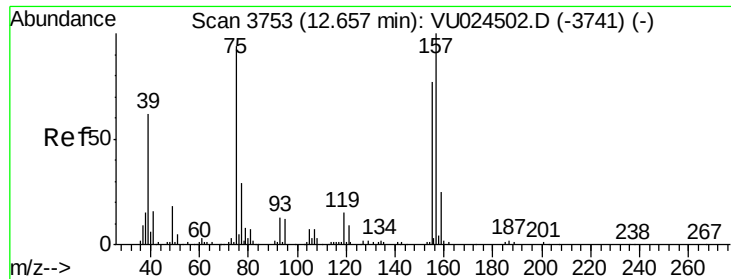
Tgt Ion: 117 Resp: 7731

Ion Ratio Lower Upper

117 100

201 0.0 41.1 123.3#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.222 ug/l

RT: 12.65 min Scan# 3751

Delta R.T. -0.01 min

Lab File: VU025246.D

Acq: 06 Jul 2018 17:40

Instrument :

MSVOA_U

ClientSampleId :

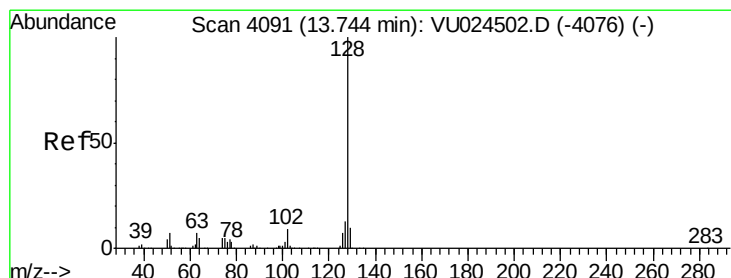
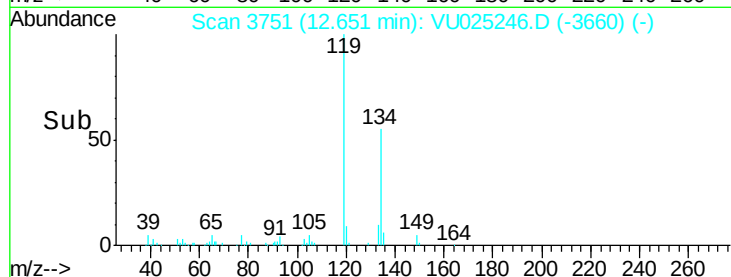
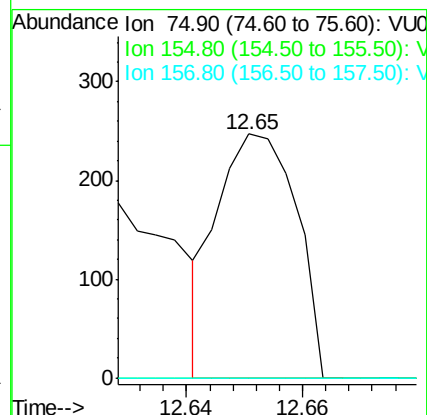
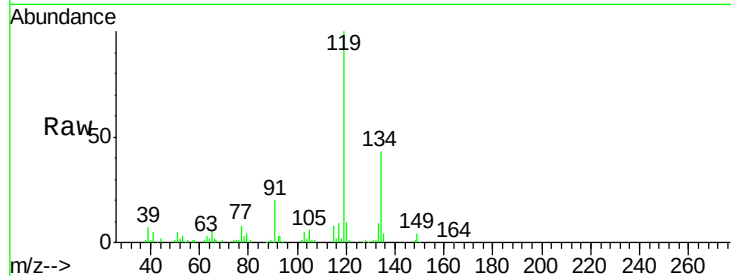
Tot Ion: 75 Resp: 232

Ion Ratio Lower Upper

75 100

155 0.0 40.4 121.2#

157 0.0 52.3 156.8#



#95

Naphthalene

Concen: 0.846 ug/l

RT: 13.75 min Scan# 4092

Delta R.T. 0.00 min

Lab File: VU025246.D

Acq: 06 Jul 2018 17:40

Tgt Ion: 128 Resp: 1829

Ion Ratio Lower Upper

128 100

127 10.5 10.6 16.0#

129 4.0 8.6 12.8#

