

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U070518\
 Data File : VU025216.D
 Acq On : 05 Jul 2018 15:25
 Operator : MD/SY
 Sample : J3808-10
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 06 05:13:49 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	206418	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	308408	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	281626	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	150225	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	156794	46.53	ug/l	0.00
Spiked Amount			Recovery	=	93.06%	
35) Dibromofluoromethane	4.89	113	122096	47.70	ug/l	0.00
Spiked Amount			Recovery	=	95.40%	
50) Toluene-d8	7.57	98	438960	47.02	ug/l	0.00
Spiked Amount			Recovery	=	94.04%	
62) 4-Bromofluorobenzene	10.31	95	161637	43.61	ug/l	0.00
Spiked Amount			Recovery	=	87.22%	

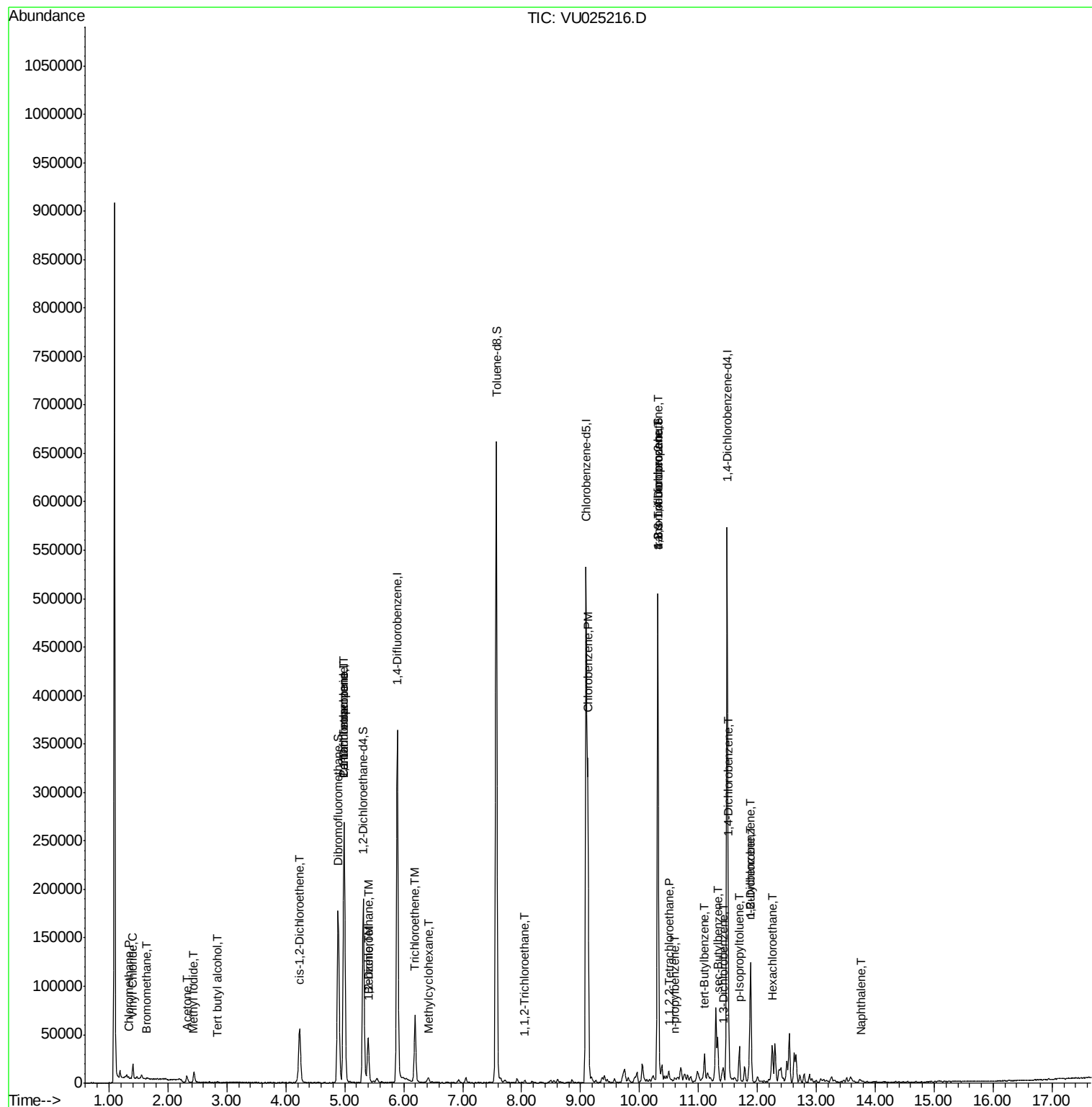
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	998	0.38	ug/l	99
4) Vinyl Chloride	1.40	62	8641	3.17	ug/l	96
5) Bromomethane	1.64	94	396	0.30	ug/l #	42
6) Chloroethane	1.71	64	249	Below Cal	#	43
10) Methyl Iodide	2.42	142	45	5.31	ug/l #	40
11) Tert butyl alcohol	2.82	59	654	0.80	ug/l #	72
16) Acetone	2.32	43	7413	4.09	ug/l	98
27) cis-1,2-Dichloroethene	4.24	96	32336	10.87	ug/l	88
31) Cyclohexane	4.99	56	4334	Below Cal	#	2
36) 1,1-Dichloropropene	4.99	75	14258	3.93	ug/l #	51
38) Carbon Tetrachloride	4.99	117	19386	4.86	ug/l #	16
39) Methylcyclohexane	6.42	83	2237	0.49	ug/l	93
40) Benzene	5.40	78	43231	4.19	ug/l	97
42) 1,2-Dichloroethane	5.41	62	1306	0.33	ug/l	86
44) Trichloroethene	6.19	130	24235	8.25	ug/l	96
55) 1,1,2-Trichloroethane	8.05	97	1018	0.38	ug/l #	14
65) Chlorobenzene	9.12	112	167899	23.34	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.49	83	799	0.21	ug/l #	25
76) 1,2,3-Trichloropropane	10.31	75	84956	25.69	ug/l #	36
78) n-propylbenzene	10.59	91	3257	0.24	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.31	75	84956	59.45	ug/l #	100
83) tert-Butylbenzene	11.10	119	12374	1.29	ug/l	90
85) sec-Butylbenzene	11.33	105	28232	2.35	ug/l #	57
86) p-Isopropyltoluene	11.69	119	19123	1.77	ug/l	94
87) 1,3-Dichlorobenzene	11.42	146	5009	0.93	ug/l	92
88) 1,4-Dichlorobenzene	11.51	146	10396	1.91	ug/l	88
89) n-Butylbenzene	11.90	91	2459	0.26	ug/l	92
90) Hexachloroethane	12.25	117	2036	0.97	ug/l #	8
91) 1,2-Dichlorobenzene	11.89	146	46819	8.66	ug/l	99
95) Naphthalene	13.76	128	2009	0.86	ug/l #	86

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

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU025216.D

Acq: 05 Jul 2018 15:25

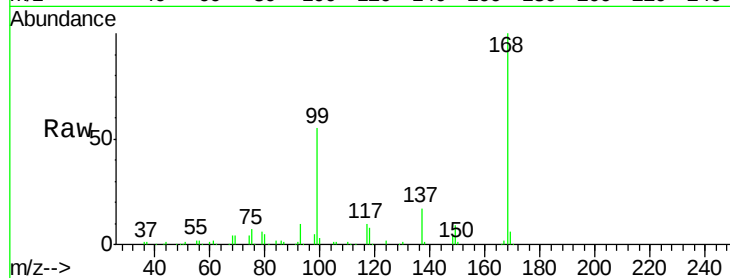
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:168 Resp: 206418

Ion Ratio Lower Upper

168 100

99 55.1 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU025216.D (-1275) (-)

Ion 98.90 (98.60 to 99.60): VU025216.D (-1275) (-)

4.99

100000

80000

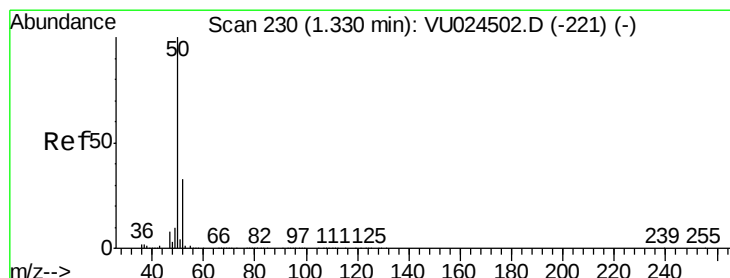
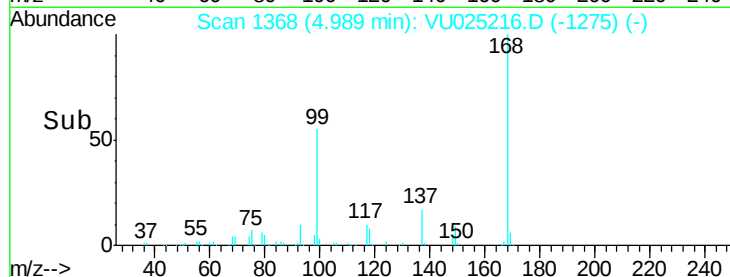
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 0.38 ug/l

RT: 1.33 min Scan# 230

Delta R.T. 0.00 min

Lab File: VU025216.D

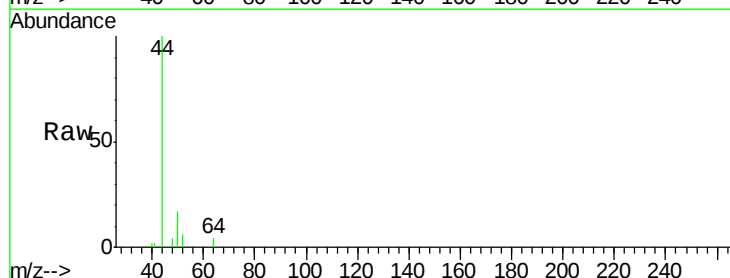
Acq: 05 Jul 2018 15:25

Tgt Ion: 50 Resp: 998

Ion Ratio Lower Upper

50 100

52 33.7 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VU025216.D (-137) (-)

Ion 51.90 (51.60 to 52.60): VU025216.D (-137) (-)

1.33

1000

800

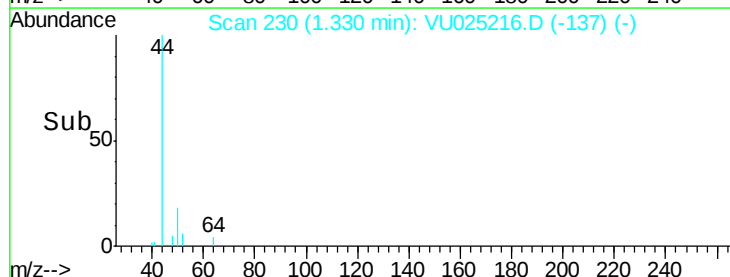
600

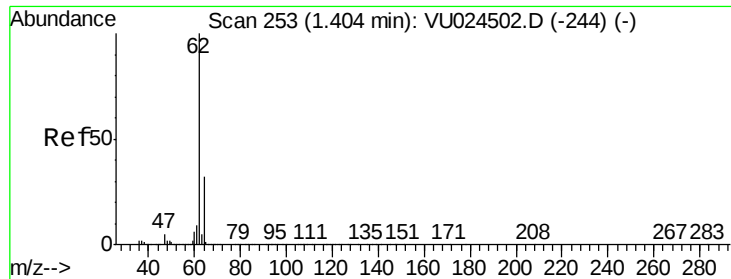
400

200

0

Time-->





#4

Vinyl Chloride

Concen: 3.17 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU025216.D

Acq: 05 Jul 2018 15:25

Instrument :

MSVOA_U

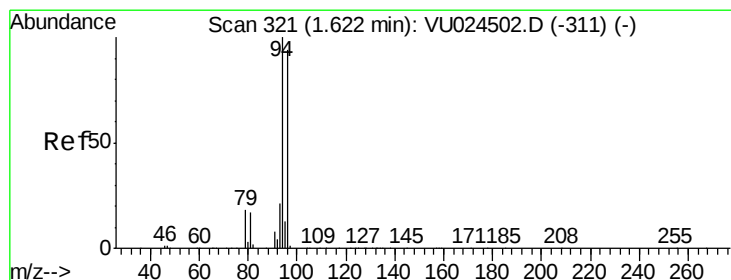
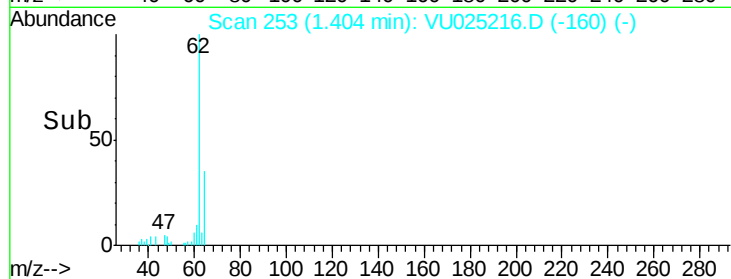
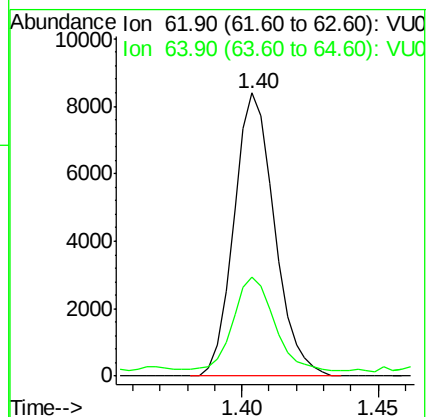
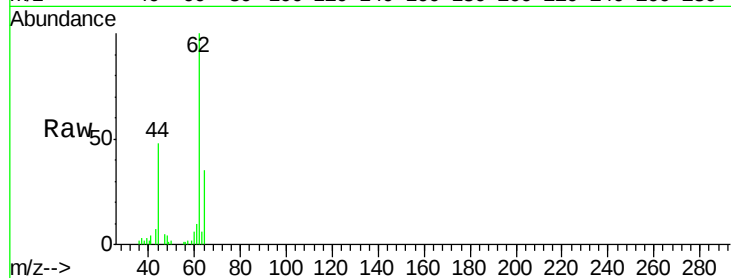
ClientSampleId :

Tot Ion: 62 Resp: 8641

Ion Ratio Lower Upper

62 100

64 33.2 24.8 37.2



#5

Bromomethane

Concen: 0.30 ug/l

RT: 1.64 min Scan# 325

Delta R.T. 0.01 min

Lab File: VU025216.D

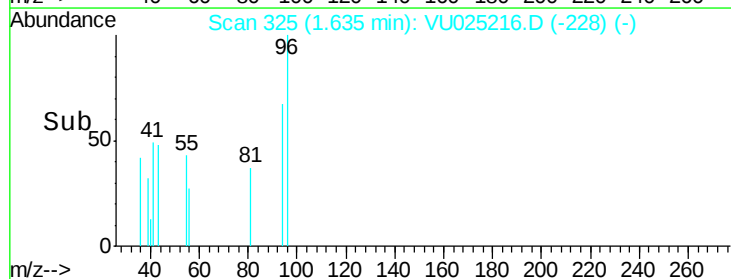
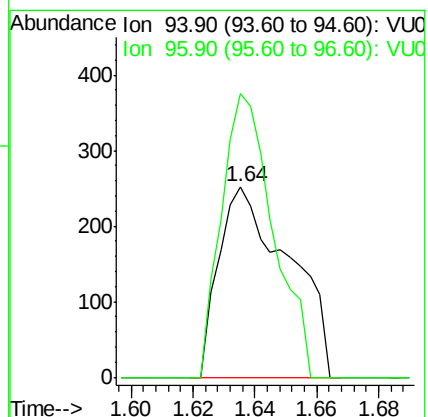
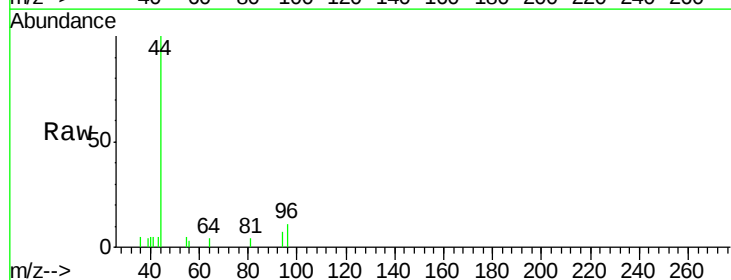
Acq: 05 Jul 2018 15:25

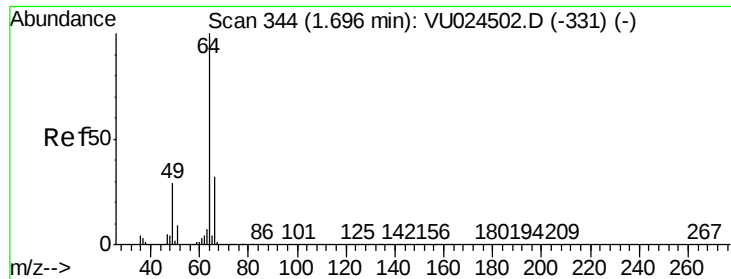
Tgt Ion: 94 Resp: 396

Ion Ratio Lower Upper

94 100

96 148.8 74.5 111.7#





#6

Chloroethane

Concen: Below Cal

RT: 1.71 min Scan# 349

Delta R.T. 0.02 min

Lab File: VU025216.D

Acq: 05 Jul 2018 15:25

Instrument :

MSVOA_U

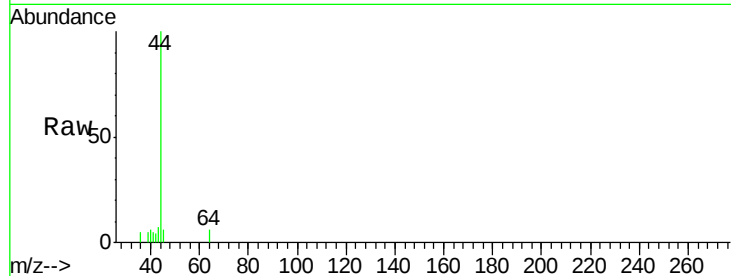
ClientSampleId :

Tot Ion: 64 Resp: 249

Ion Ratio Lower Upper

64 100

66 0.0 25.5 38.3#



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0

1.71

1.72

1.73

1.74

1.75

1.76

1.77

1.78

1.79

1.80

1.81

1.82

1.83

1.84

1.85

1.86

1.87

1.88

1.89

1.90

1.91

1.92

1.93

1.94

1.95

1.96

1.97

1.98

1.99

2.00

2.01

2.02

2.03

2.04

2.05

2.06

2.07

2.08

2.09

2.10

2.11

2.12

2.13

2.14

2.15

2.16

2.17

2.18

2.19

2.20

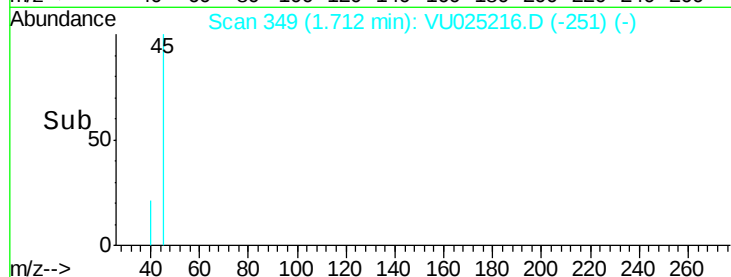
2.21

2.22

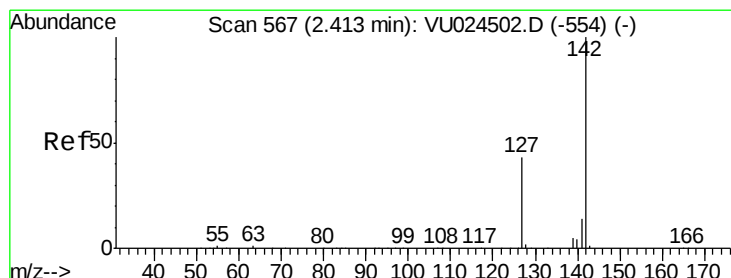
2.23

2.24

2.25



Time-->



#10

Methyl Iodide

Concen: 5.31 ug/l

RT: 2.42 min Scan# 568

Delta R.T. 0.00 min

Lab File: VU025216.D

Acq: 05 Jul 2018 15:25

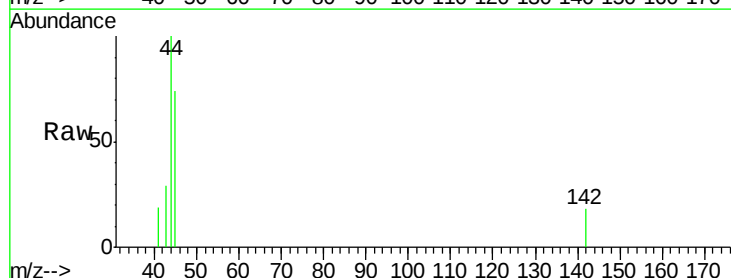
Tgt Ion: 142 Resp: 45

Ion Ratio Lower Upper

142 100

127 0.0 35.6 53.4#

141 0.0 11.7 17.5#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

2.42

2.43

2.44

2.45

2.46

2.47

2.48

2.49

2.50

2.51

2.52

2.53

2.54

2.55

2.56

2.57

2.58

2.59

2.60

2.61

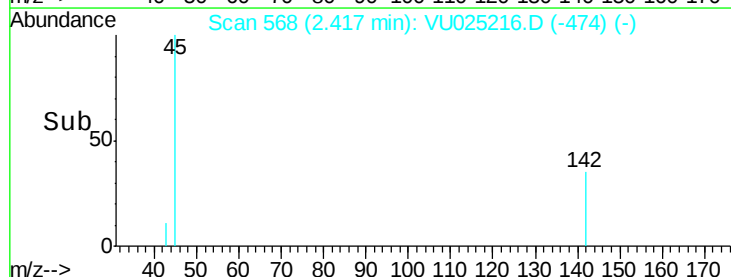
2.62

2.63

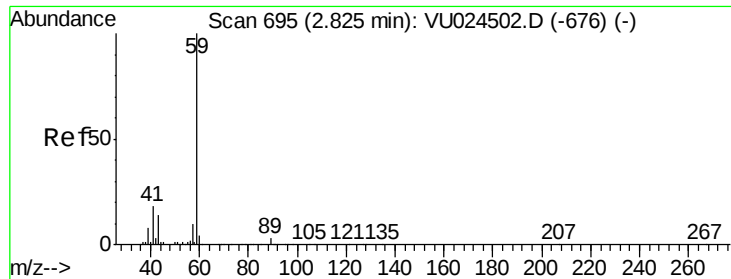
2.64

2.65

2.66



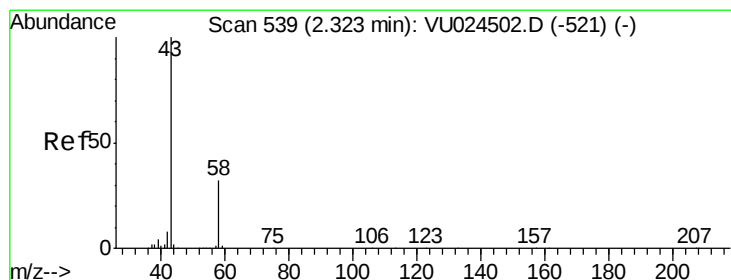
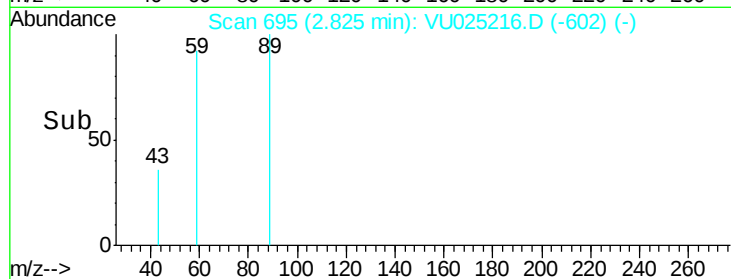
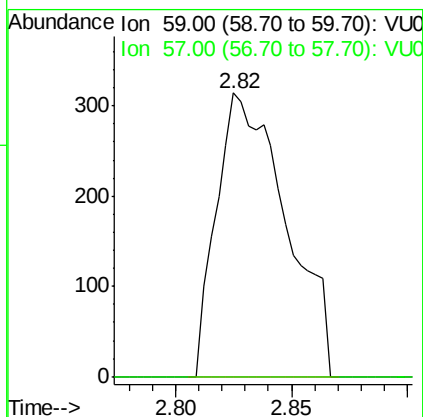
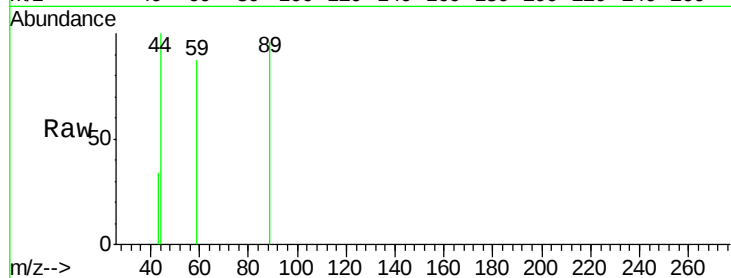
Time-->



#11
Tert butyl alcohol
Concen: 0.80 ug/l
RT: 2.82 min Scan# 695
Delta R.T. 0.00 min
Lab File: VU025216.D
Acq: 05 Jul 2018 15:25

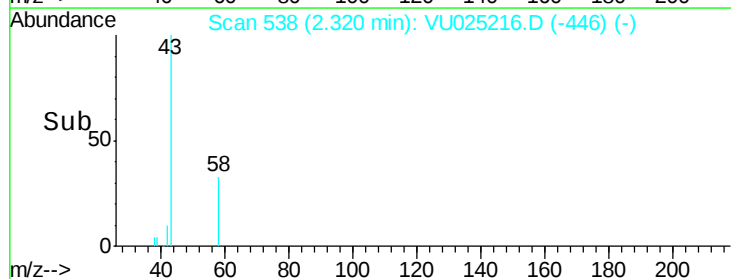
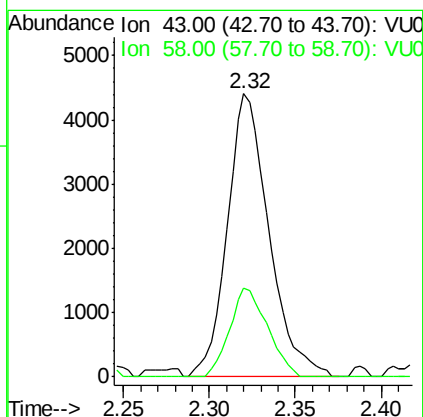
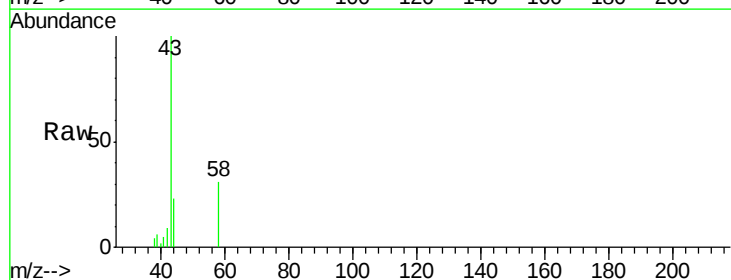
Instrument :
MSVOA_U
ClientSampleId :

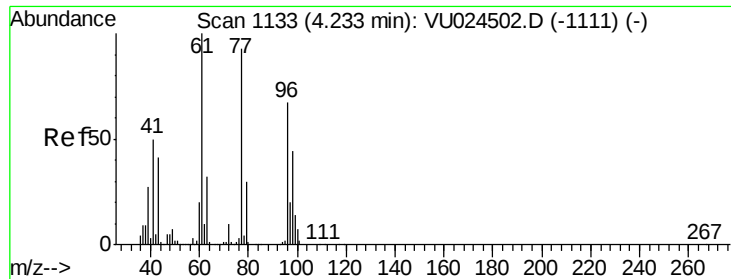
Tot Ion: 59 Resp: 654
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#16
Acetone
Concen: 4.09 ug/l
RT: 2.32 min Scan# 538
Delta R.T. -0.00 min
Lab File: VU025216.D
Acq: 05 Jul 2018 15:25

Tgt Ion: 43 Resp: 7413
Ion Ratio Lower Upper
43 100
58 31.4 24.4 36.6

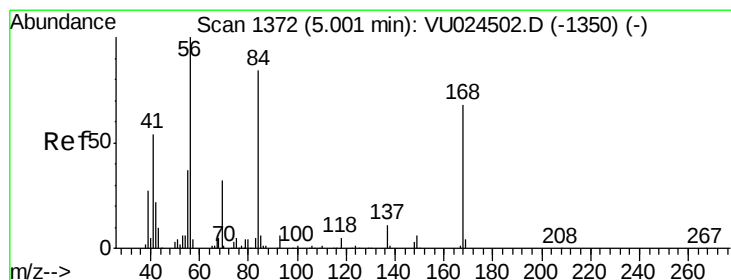
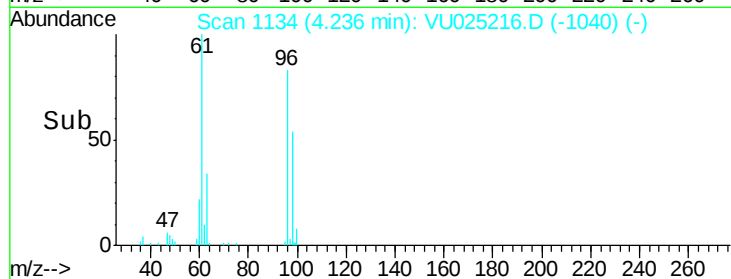
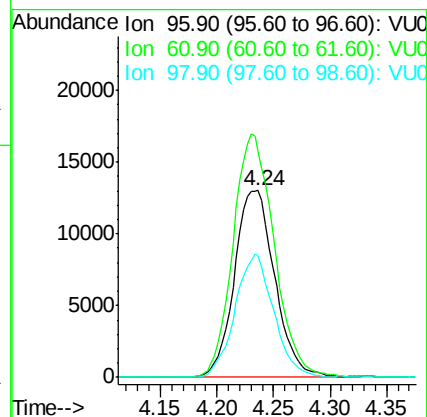
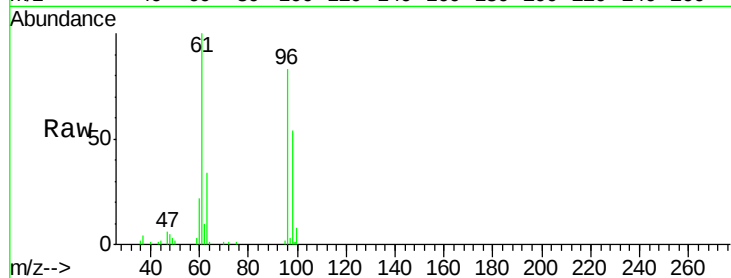




#27
 cis-1,2-Dichloroethene
 Concen: 10.87 ug/l
 RT: 4.24 min Scan# 1134
 Delta R.T. 0.00 min
 Lab File: VU025216.D
 Acq: 05 Jul 2018 15:25

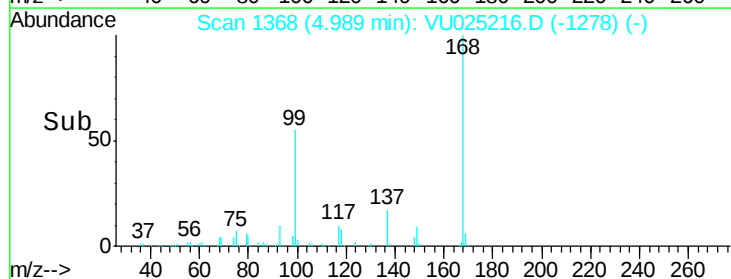
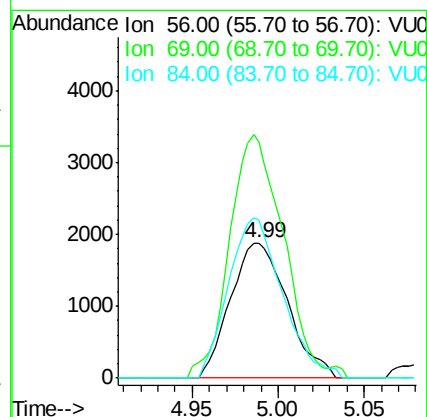
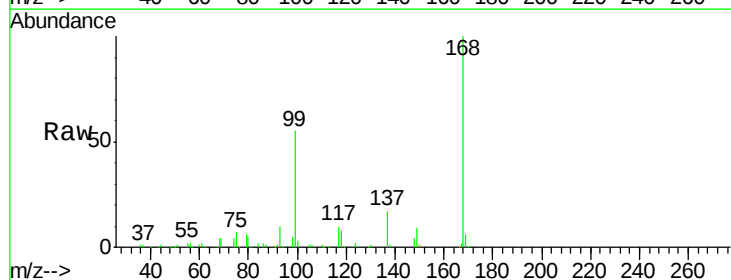
Instrument :
 MSVOA_U
 ClientSampleId :

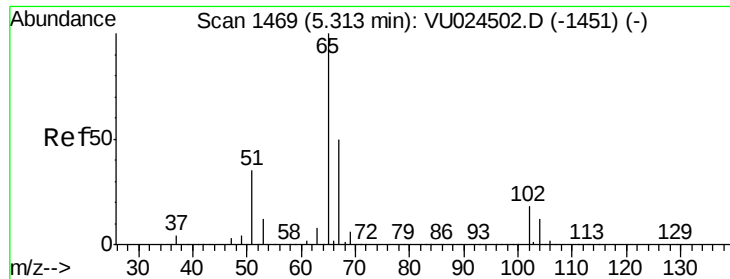
Tot Ion: 96 Resp: 32336
 Ion Ratio Lower Upper
 96 100
 61 132.6 0.0 306.6
 98 63.2 0.0 128.8



#31
 Cyclohexane
 Concen: Below Cal
 RT: 4.99 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: VU025216.D
 Acq: 05 Jul 2018 15:25

Tgt Ion: 56 Resp: 4334
 Ion Ratio Lower Upper
 56 100
 69 168.2 24.8 37.2#
 84 116.9 65.2 97.8#

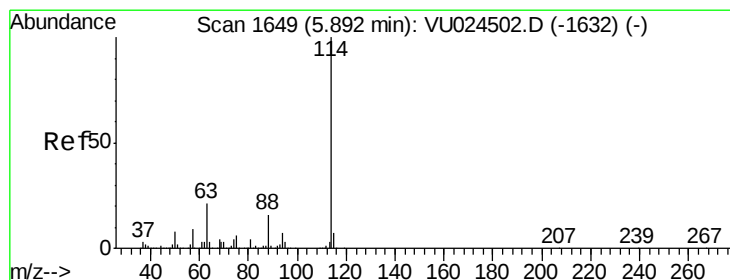
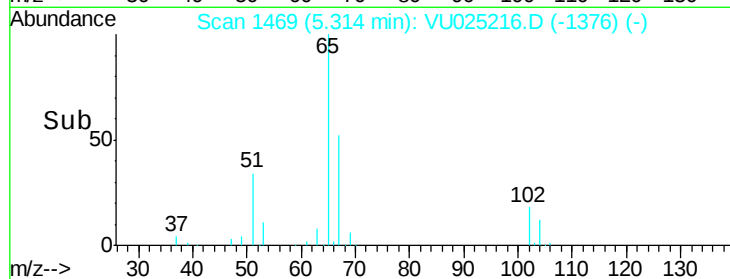
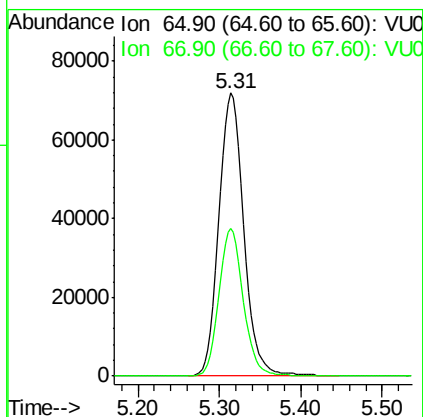
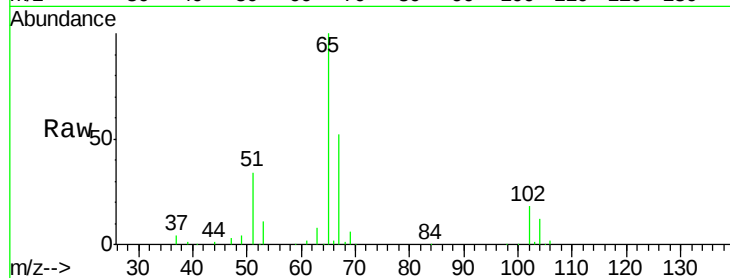




#33
 1,2-Dichloroethane-d4
 Concen: 46.53 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU025216.D
 Acq: 05 Jul 2018 15:25

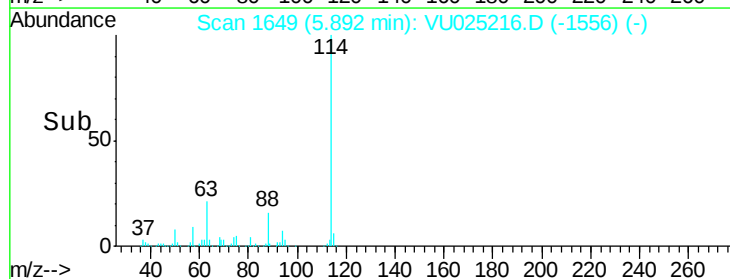
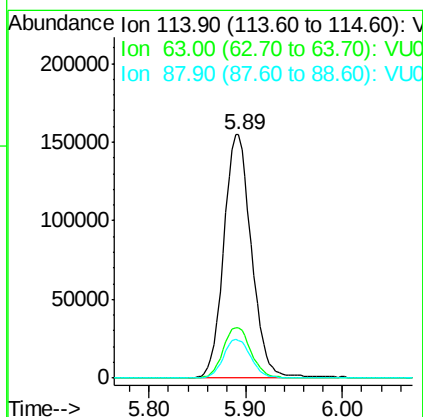
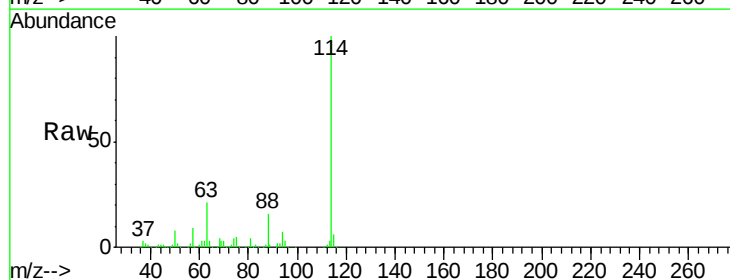
Instrument :
 MSVOA_U
 ClientSampled :

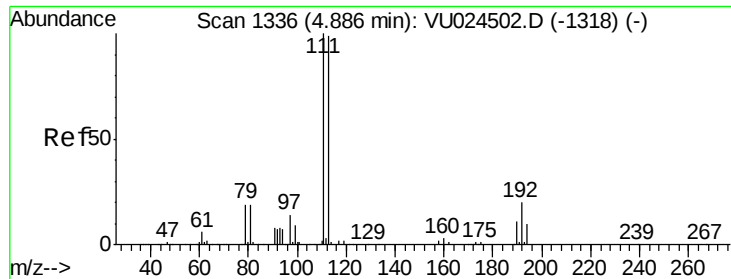
Tot Ion: 65 Resp: 156794
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: VU025216.D
 Acq: 05 Jul 2018 15:25

Tgt Ion: 114 Resp: 308408
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 45.4
 88 15.7 0.0 31.0

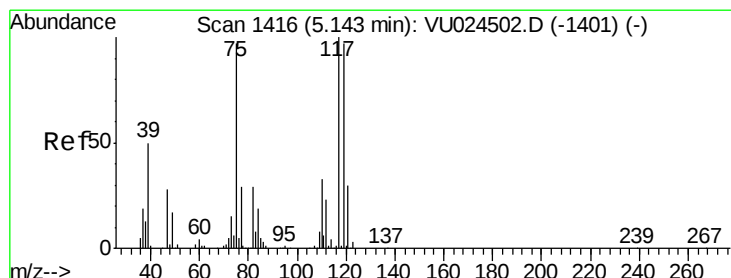
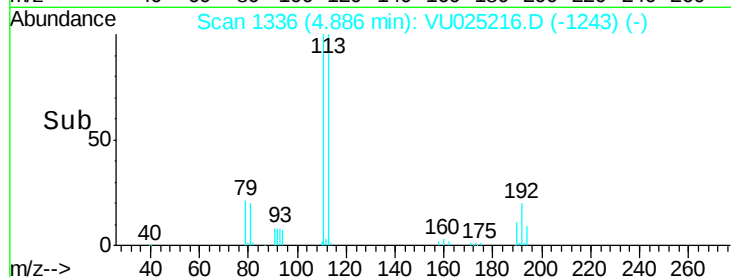
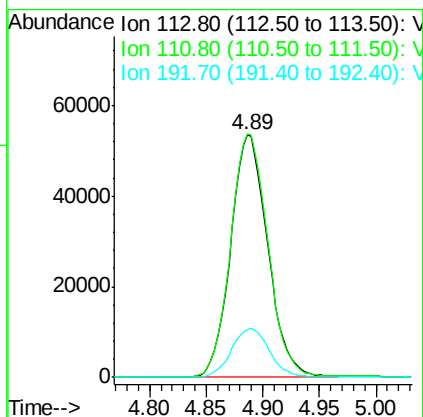
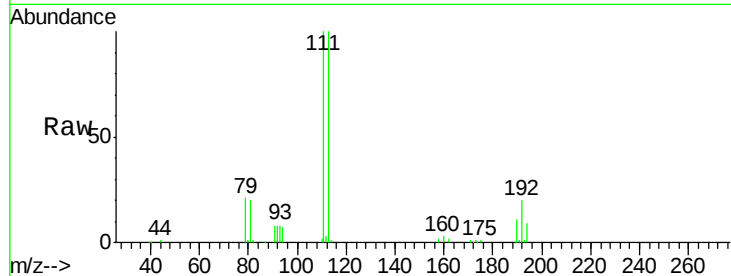




#35
 Dibromofluoromethane
 Concen: 47.70 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: VU025216.D
 Acq: 05 Jul 2018 15:25

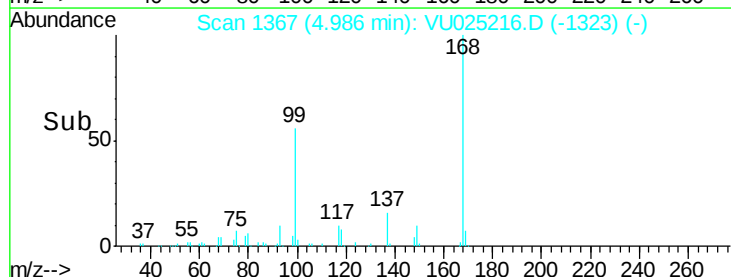
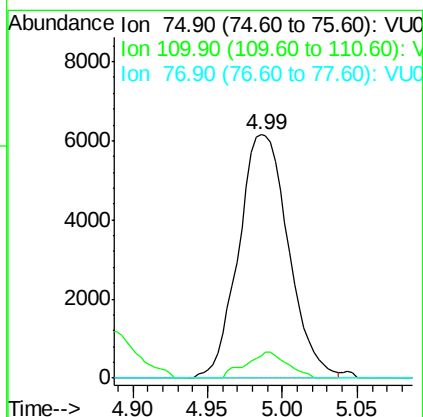
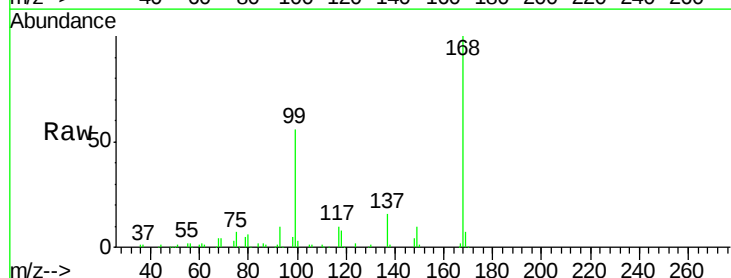
Instrument :
 MSVOA_U
 ClientSampleId :

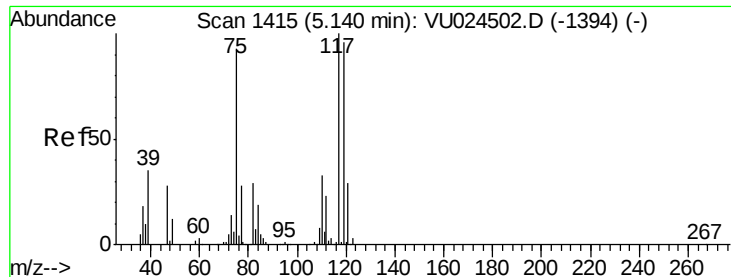
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.1	82.2	123.4
192	20.7	16.2	24.4



#36
 1,1-Dichloropropene
 Concen: 3.93 ug/l
 RT: 4.99 min Scan# 1367
 Delta R.T. -0.16 min
 Lab File: VU025216.D
 Acq: 05 Jul 2018 15:25

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.8	17.0	50.9#
77	0.0	24.2	36.4#





#38

Carbon Tetrachloride

Concen: 4.86 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.15 min

Lab File: VU025216.D

Acq: 05 Jul 2018 15:25

Instrument :

MSVOA_U

ClientSampleId :

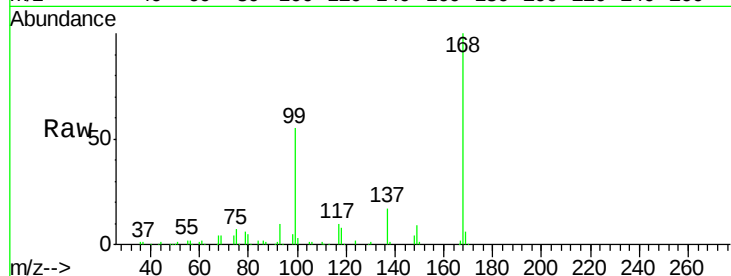
Tot Ion:117 Resp: 19386

Ion Ratio Lower Upper

117 100

119 4.4 76.1 114.1#

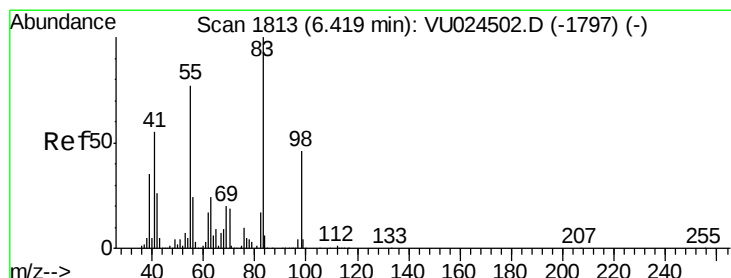
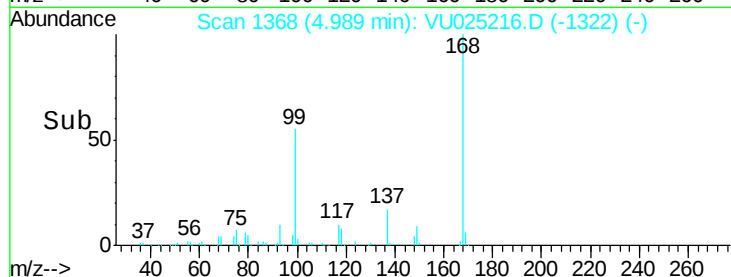
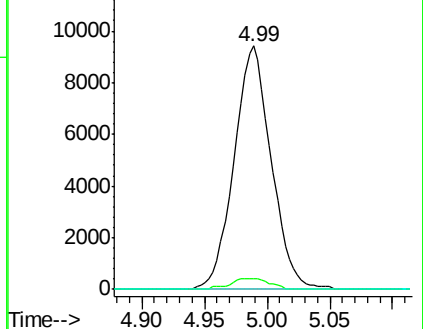
121 0.0 23.7 35.5#



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



#39

Methylcyclohexane

Concen: 0.49 ug/l

RT: 6.42 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VU025216.D

Acq: 05 Jul 2018 15:25

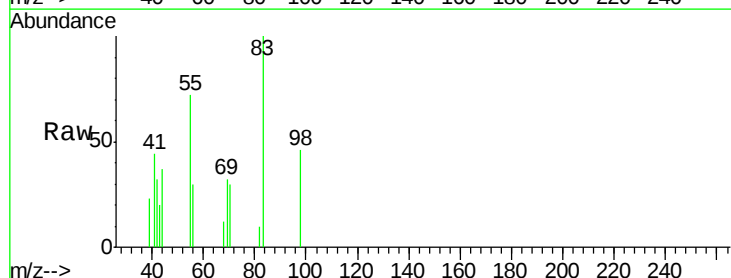
Tgt Ion: 83 Resp: 2237

Ion Ratio Lower Upper

83 100

55 72.1 65.8 98.6

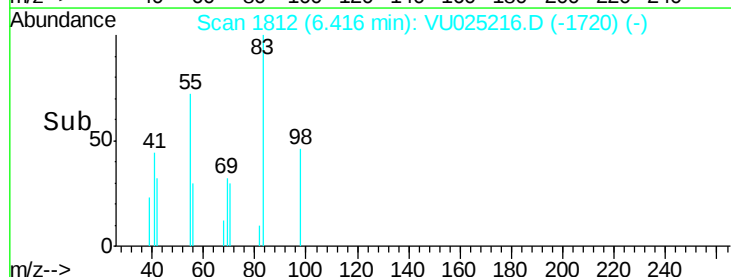
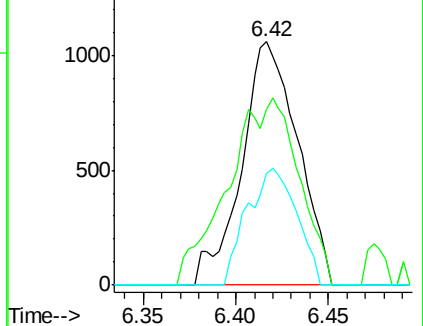
98 45.8 36.7 55.1

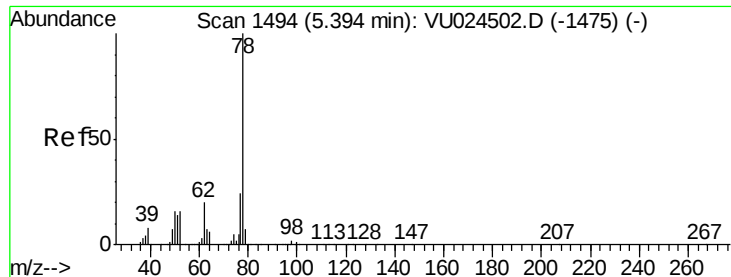


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#40

Benzene

Concen: 4.19 ug/l

RT: 5.40 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VU025216.D

Acq: 05 Jul 2018 15:25

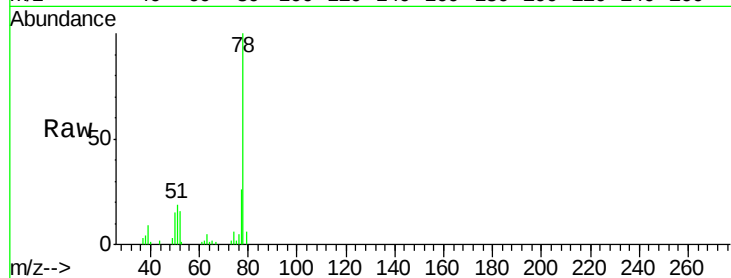
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 78 Resp: 43231

Ion Ratio Lower Upper

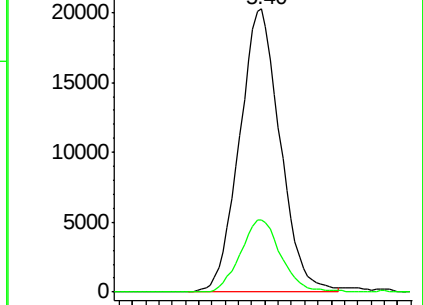
78 100

77 25.7 19.2 28.8

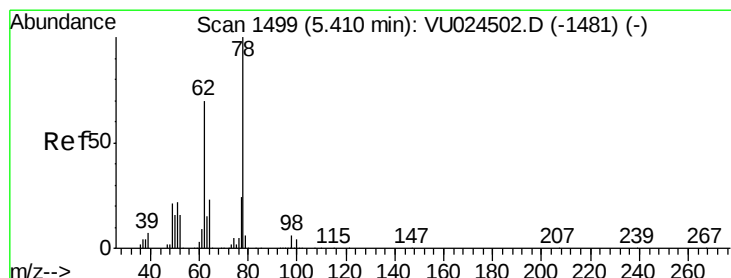
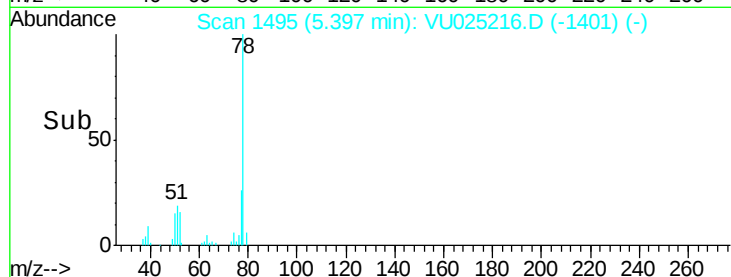


Abundance Ion 78.00 (77.70 to 78.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



Time--> 5.30 5.35 5.40 5.45



#42

1,2-Dichloroethane

Concen: 0.33 ug/l

RT: 5.41 min Scan# 1500

Delta R.T. 0.00 min

Lab File: VU025216.D

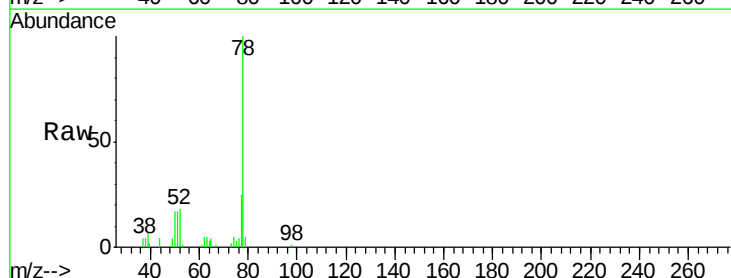
Acq: 05 Jul 2018 15:25

Tgt Ion: 62 Resp: 1306

Ion Ratio Lower Upper

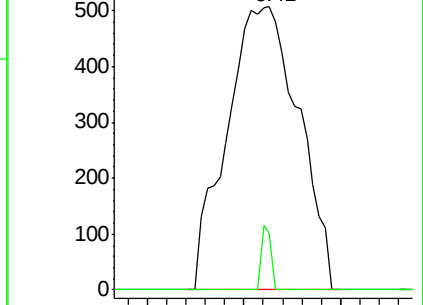
62 100

98 3.2 0.0 16.6

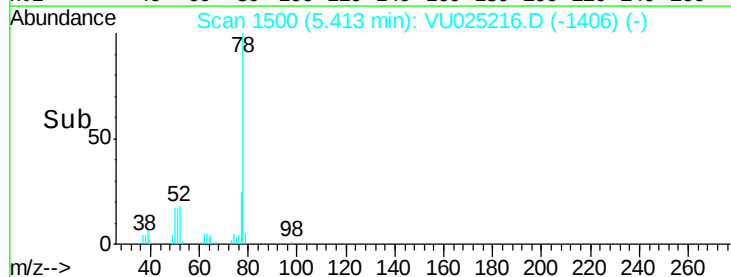


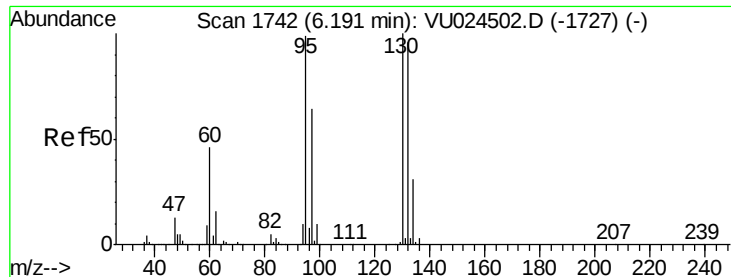
Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 97.90 (97.60 to 98.60): VU0



Time--> 5.35 5.40 5.45





#44

Trichloroethene

Concen: 8.25 ug/l

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU025216.D

Acq: 05 Jul 2018 15:25

Instrument :

MSVOA_U

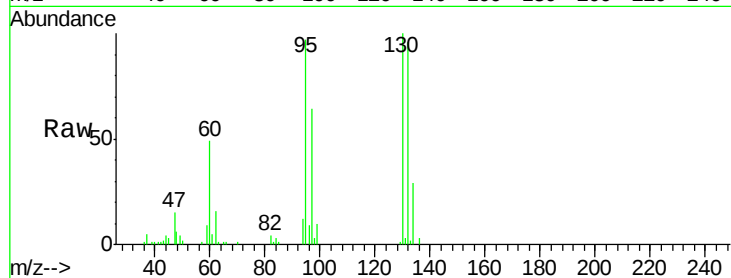
ClientSampleId :

Tot Ion:130 Resp: 24235

Ion Ratio Lower Upper

130 100

95 96.7 0.0 202.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VU0

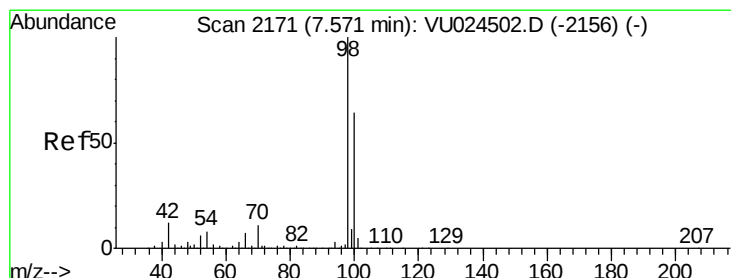
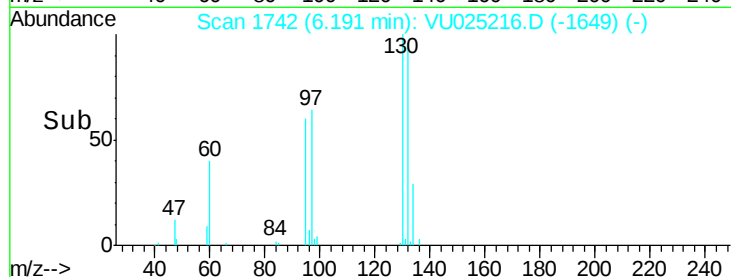
6.19

10000

5000

0

Time--> 6.10 6.15 6.20 6.25



#50

Toluene-d8

Concen: 47.02 ug/l

RT: 7.57 min Scan# 2171

Delta R.T. 0.00 min

Lab File: VU025216.D

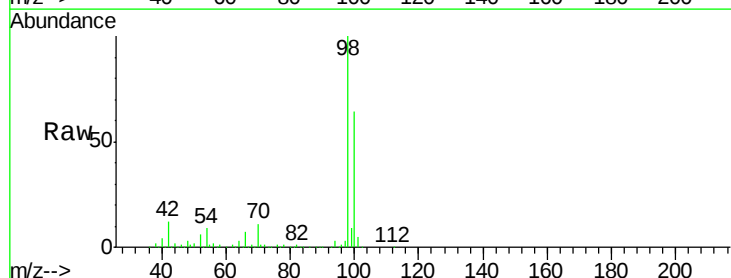
Acq: 05 Jul 2018 15:25

Tgt Ion: 98 Resp: 438960

Ion Ratio Lower Upper

98 100

100 64.2 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU0

7.57

300000

250000

200000

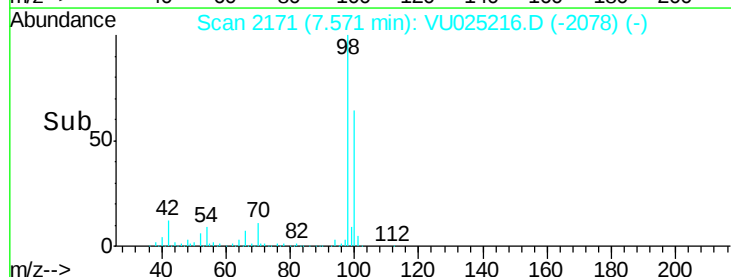
150000

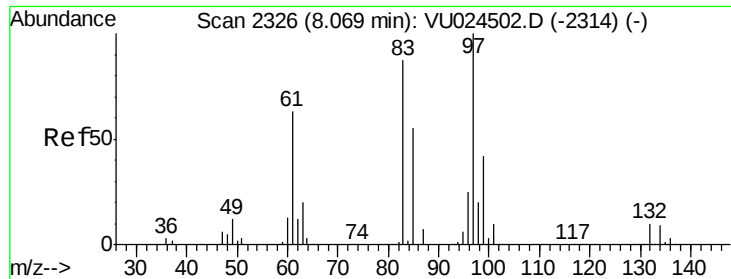
100000

50000

0

Time--> 7.50 7.55 7.60 7.70

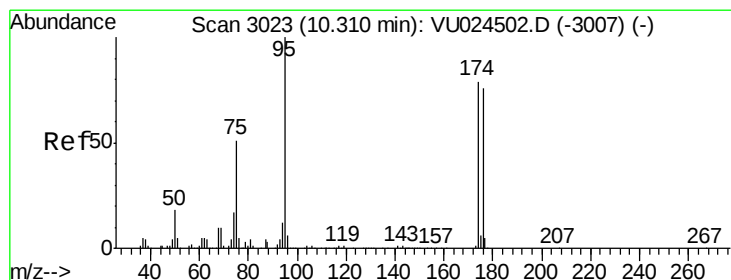
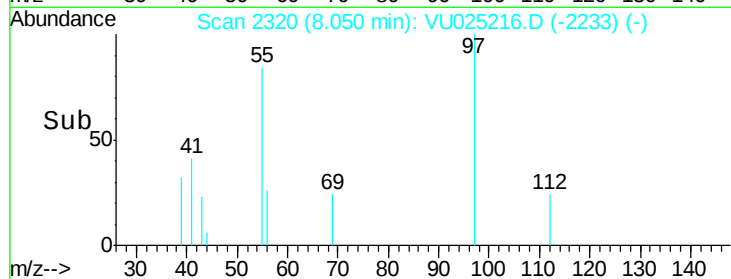
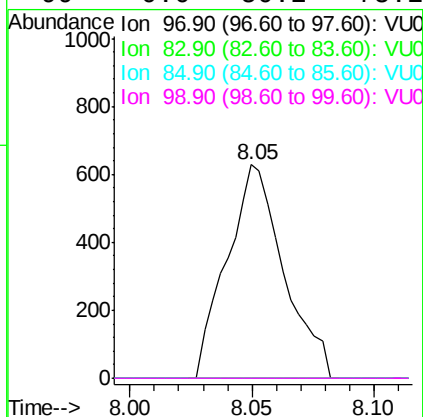
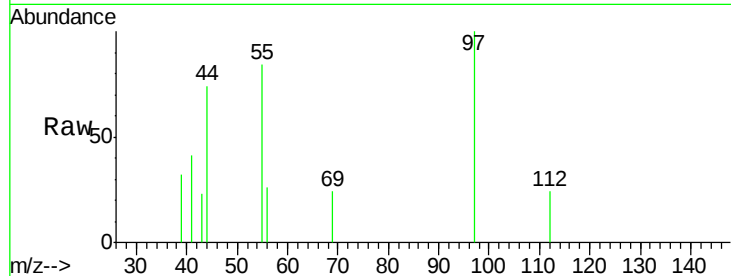




#55
 1,1,2-Trichloroethane
 Concen: 0.38 ug/l
 RT: 8.05 min Scan# 2320
 Delta R.T. -0.02 min
 Lab File: VU025216.D
 Acq: 05 Jul 2018 15:25

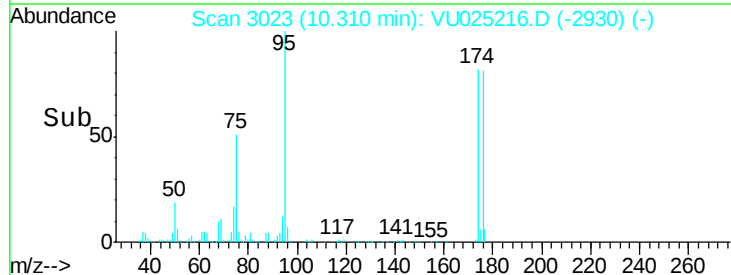
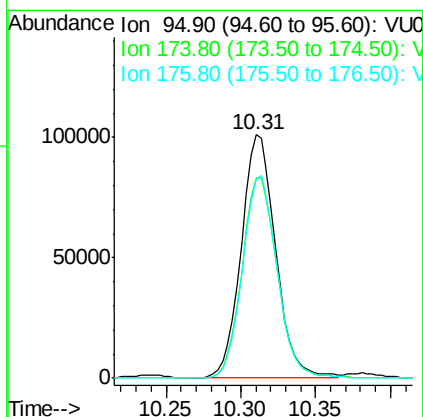
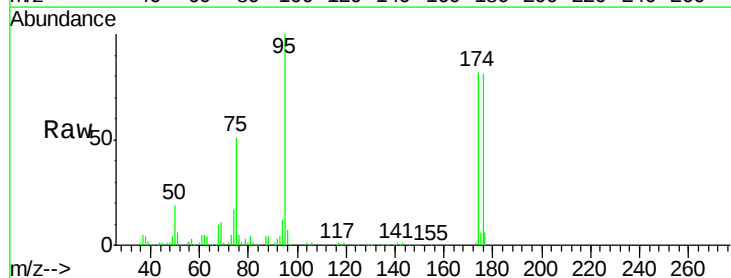
Instrument :
 MSVOA_U
 ClientSampleId :

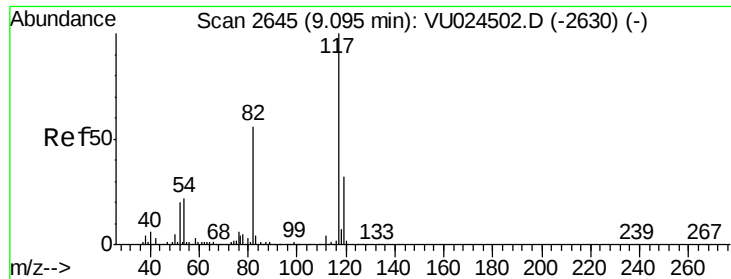
Tot Ion: 97 Resp: 1018
 Ion Ratio Lower Upper
 97 100
 83 0.0 70.5 105.7#
 85 0.0 46.4 69.6#
 99 0.0 50.2 75.2#



#62
 4-Bromofluorobenzene
 Concen: 43.61 ug/l
 RT: 10.31 min Scan# 3023
 Delta R.T. 0.00 min
 Lab File: VU025216.D
 Acq: 05 Jul 2018 15:25

Tgt Ion: 95 Resp: 161637
 Ion Ratio Lower Upper
 95 100
 174 84.8 0.0 165.8
 176 83.9 0.0 159.4

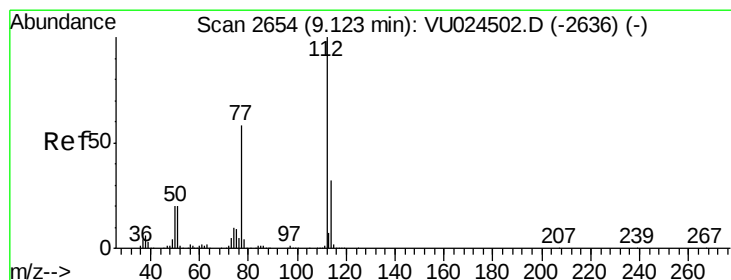
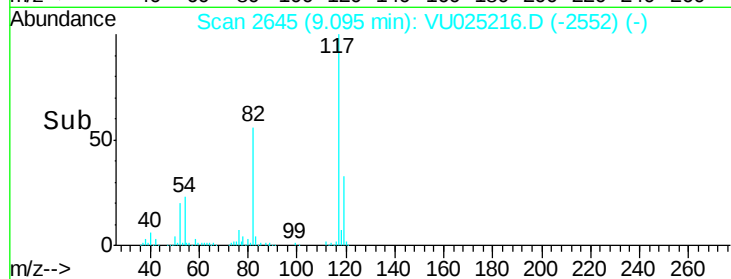
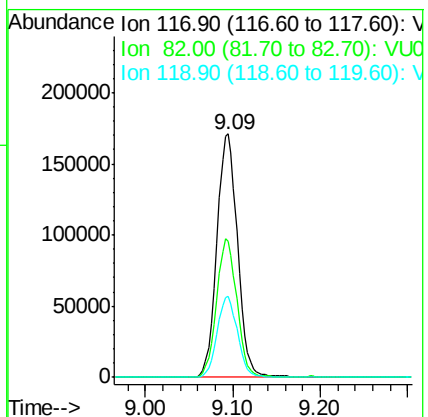
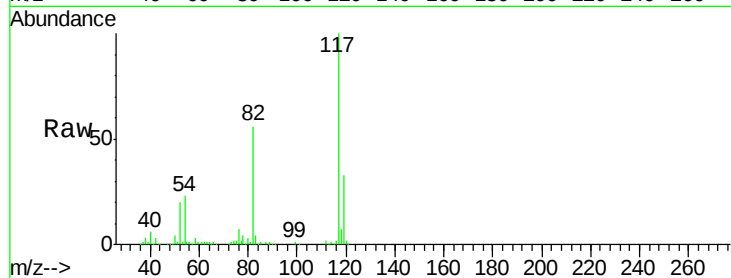




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU025216.D
Acq: 05 Jul 2018 15:25

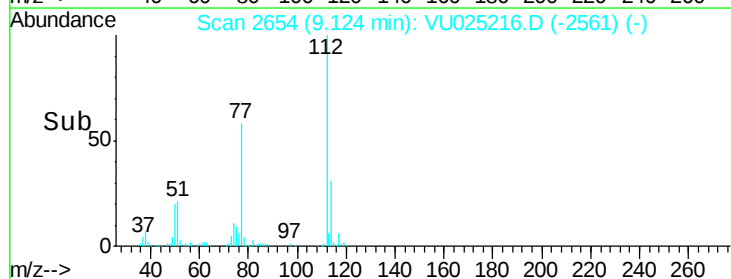
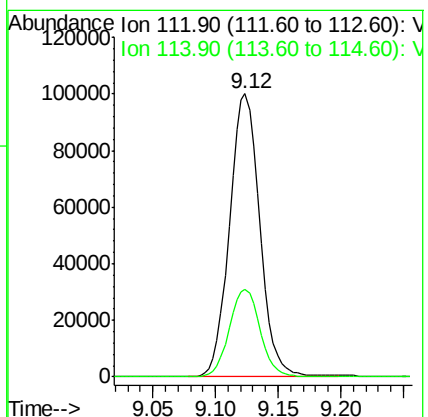
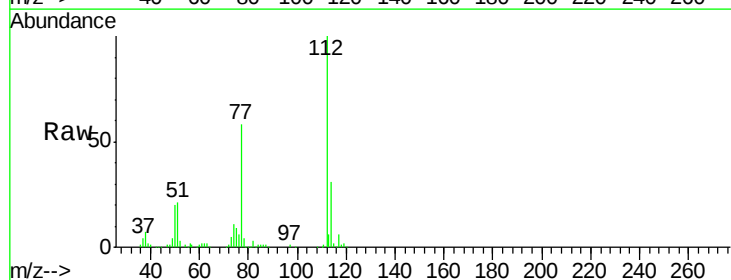
Instrument :
MSVOA_U
ClientSampleId :

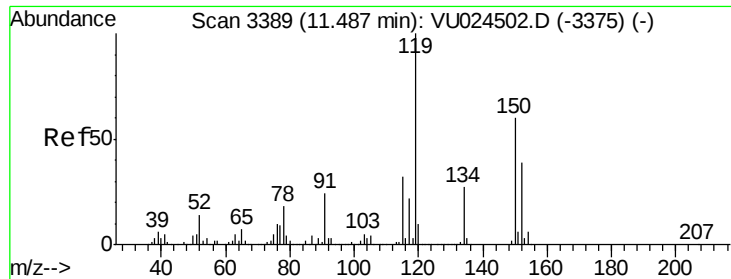
Tot Ion	Ratio	Lower	Upper
117	100		
82	56.1	44.3	66.5
119	33.1	25.4	38.2



#65
Chlorobenzene
Concen: 23.34 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU025216.D
Acq: 05 Jul 2018 15:25

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.0	25.6	38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU025216.D

Acq: 05 Jul 2018 15:25

Instrument :

MSVOA_U

ClientSampleId :

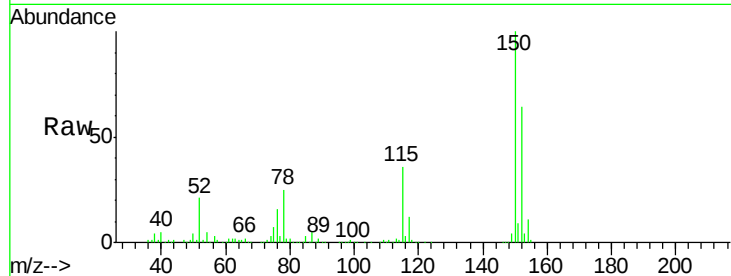
Tot Ion:152 Resp: 150225

Ion Ratio Lower Upper

152 100

115 55.9 43.0 129.0

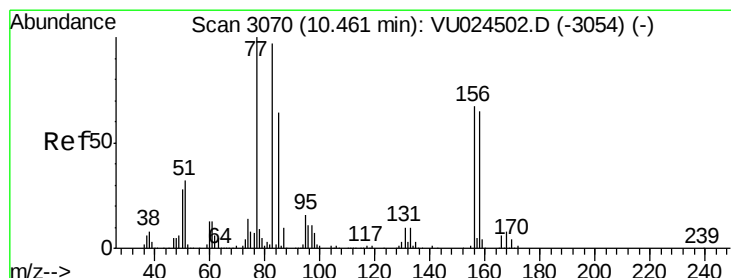
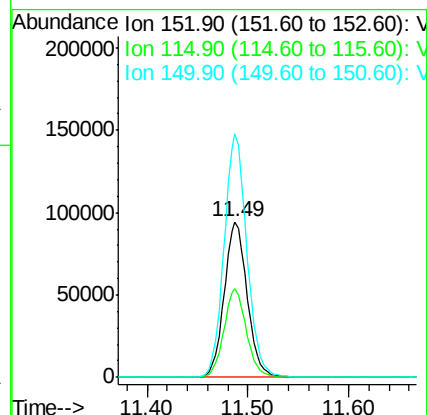
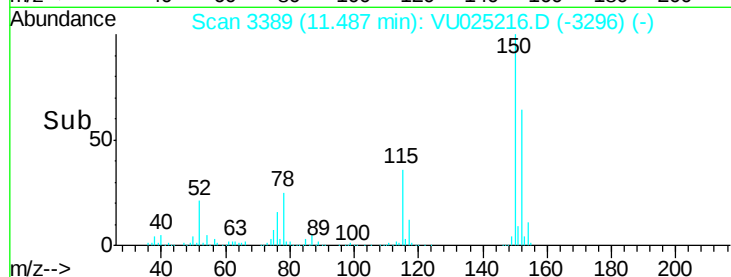
150 155.5 0.0 354.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#75

1,1,2,2-Tetrachloroethane

Concen: 0.21 ug/l

RT: 10.49 min Scan# 3080

Delta R.T. 0.03 min

Lab File: VU025216.D

Acq: 05 Jul 2018 15:25

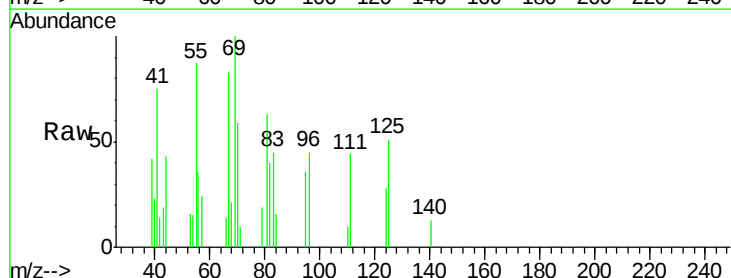
Tgt Ion: 83 Resp: 799

Ion Ratio Lower Upper

83 100

131 0.0 4.7 14.1#

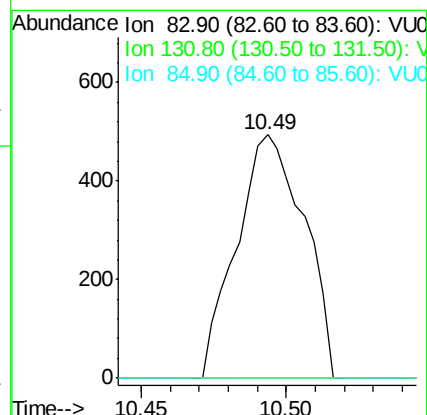
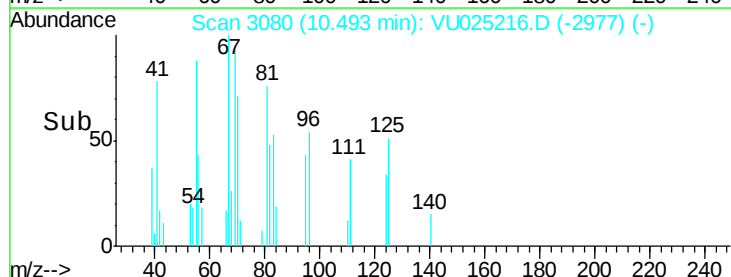
85 0.0 32.5 97.5#

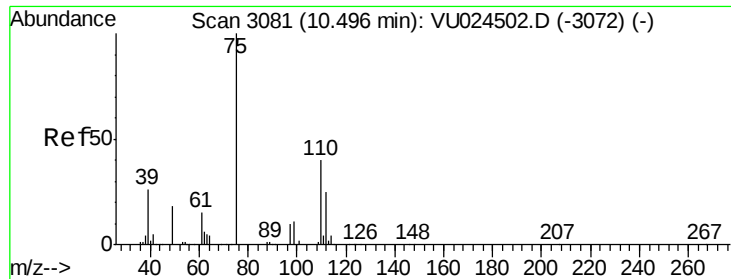


Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VU0





#76

1,2,3-Trichloropropane

Concen: 25.69 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.19 min

Lab File: VU025216.D

Acq: 05 Jul 2018 15:25

Instrument :

MSVOA_U

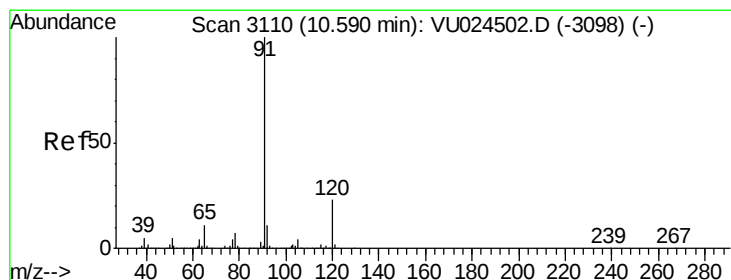
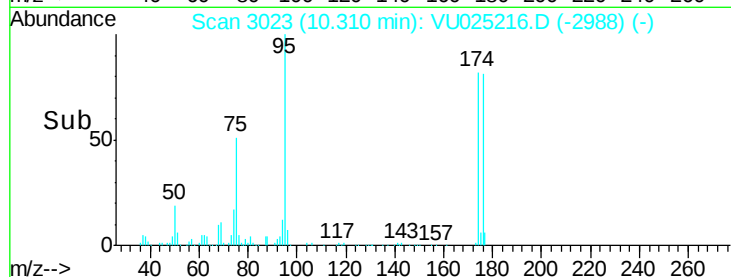
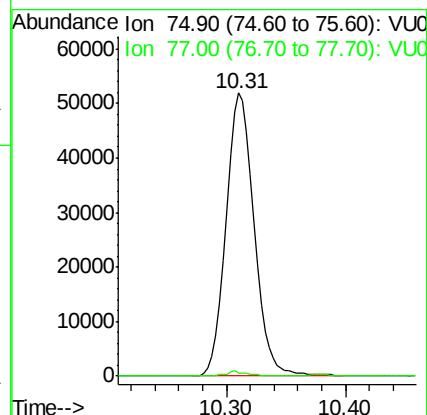
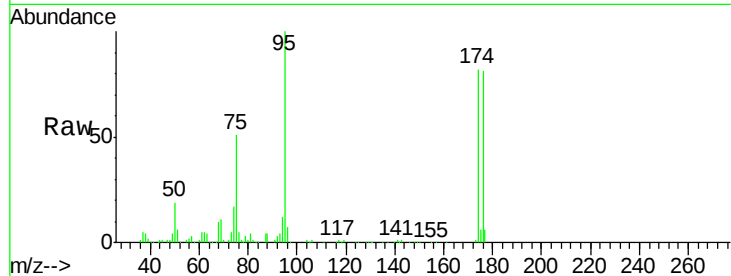
ClientSampleId :

Tot Ion: 75 Resp: 84956

Ion Ratio Lower Upper

75 100

77 1.3 20.9 62.7#



#78

n-propylbenzene

Concen: 0.24 ug/l

RT: 10.59 min Scan# 3111

Delta R.T. 0.00 min

Lab File: VU025216.D

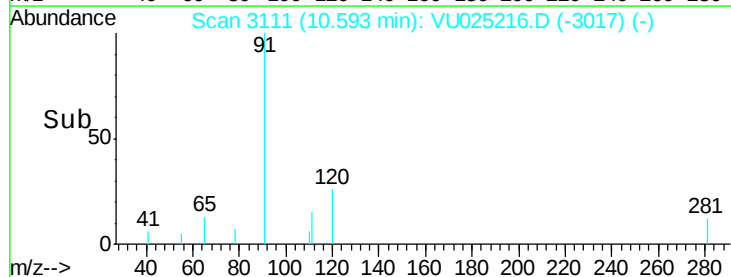
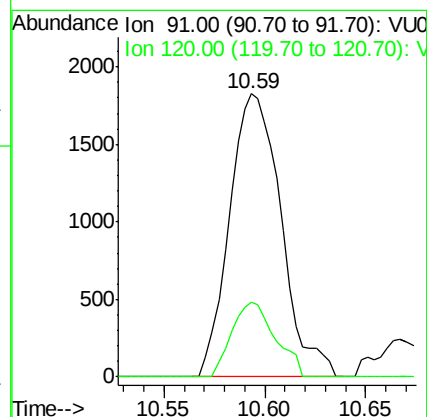
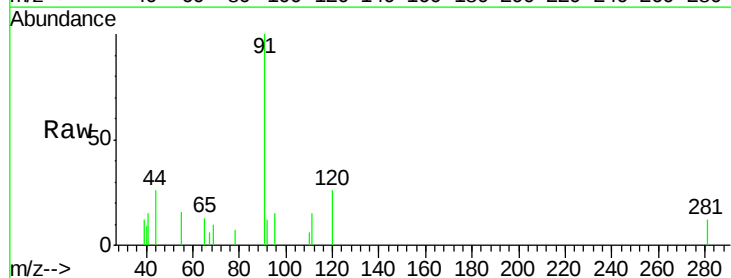
Acq: 05 Jul 2018 15:25

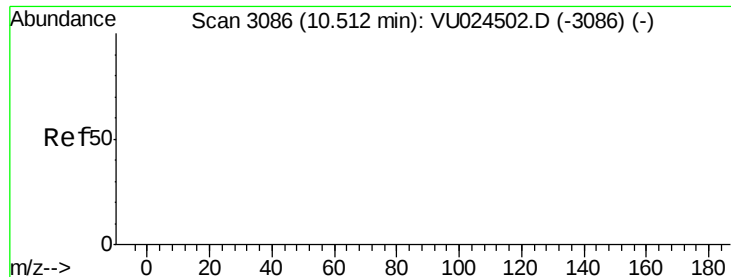
Tgt Ion: 91 Resp: 3257

Ion Ratio Lower Upper

91 100

120 22.3 11.2 33.5

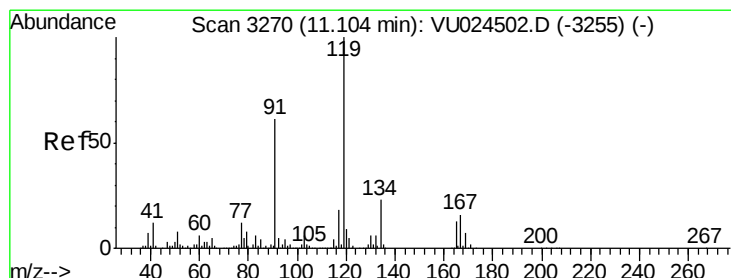
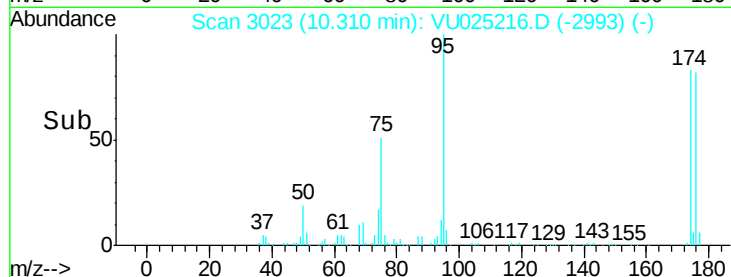
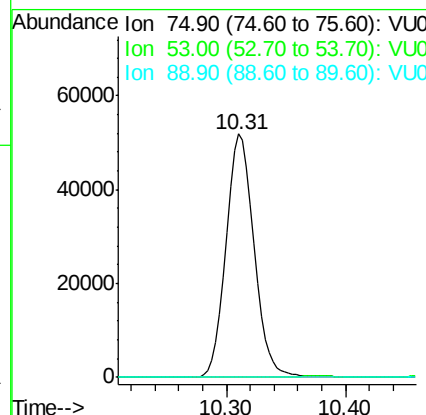
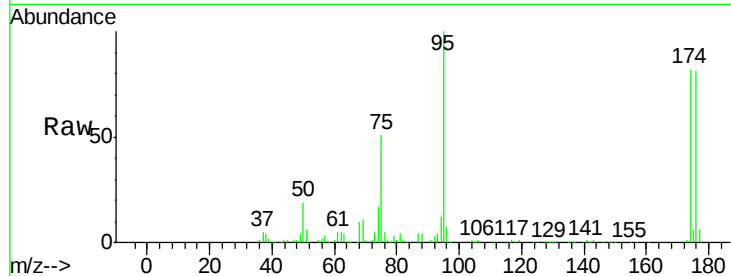




#81
trans-1,4-Dichloro-2-butene
Concen: 59.45 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. -0.20 min
Lab File: VU025216.D
Acq: 05 Jul 2018 15:25

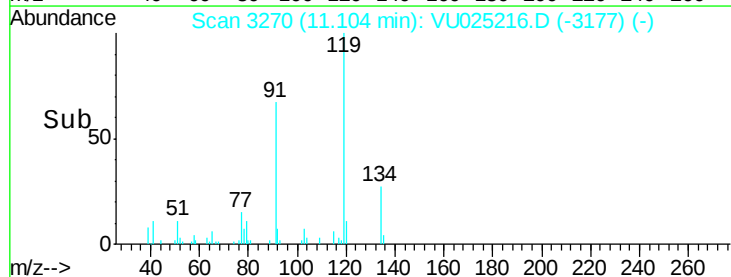
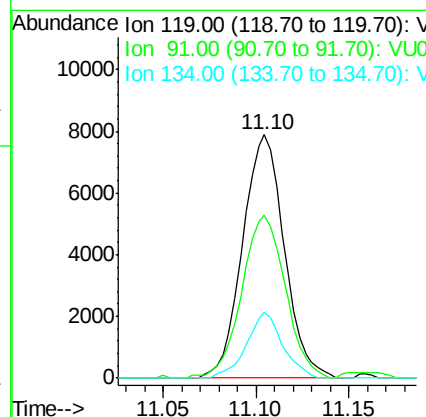
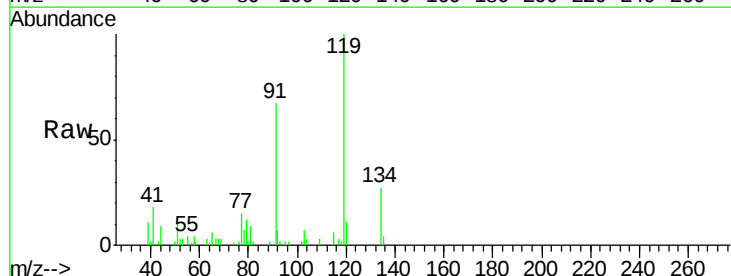
Instrument :
MSVOA_U
ClientSampleId :

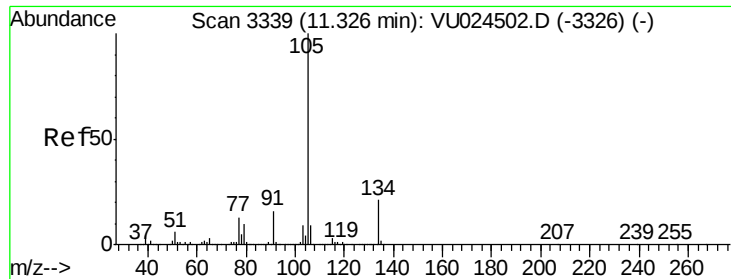
Tot Ion: 75 Resp: 84956
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#83
tert-Butylbenzene
Concen: 1.29 ug/l
RT: 11.10 min Scan# 3270
Delta R.T. 0.00 min
Lab File: VU025216.D
Acq: 05 Jul 2018 15:25

Tgt Ion: 119 Resp: 12374
Ion Ratio Lower Upper
119 100
91 69.8 29.7 89.1
134 23.4 11.6 34.7

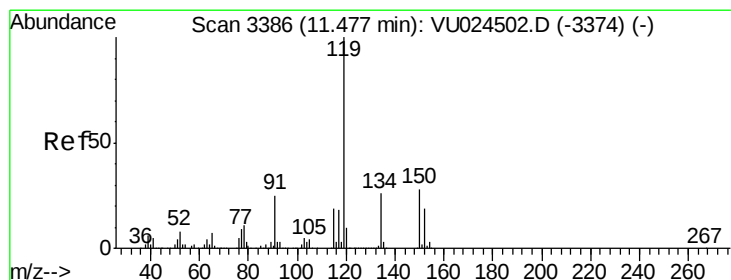
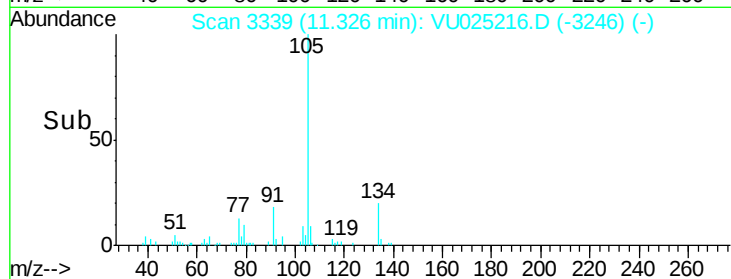
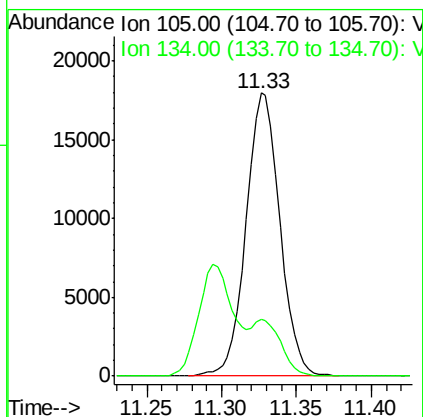
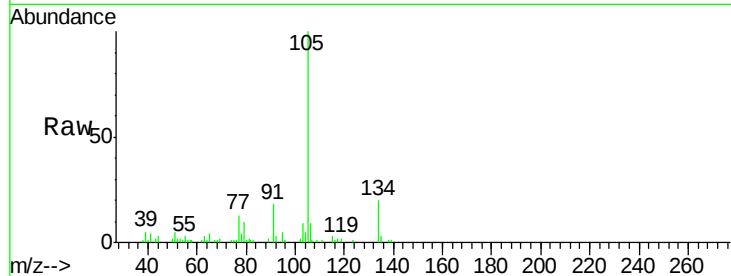




#85
 sec-Butylbenzene
 Concen: 2.35 ug/l
 RT: 11.33 min Scan# 3339
 Delta R.T. 0.00 min
 Lab File: VU025216.D
 Acq: 05 Jul 2018 15:25

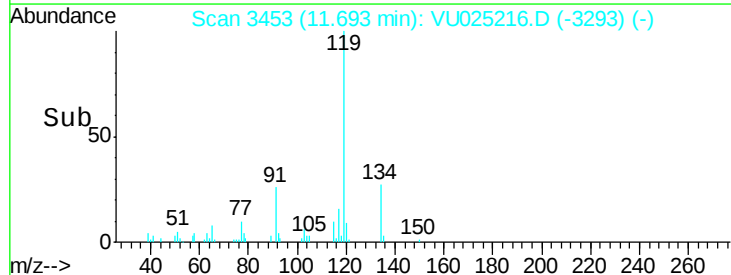
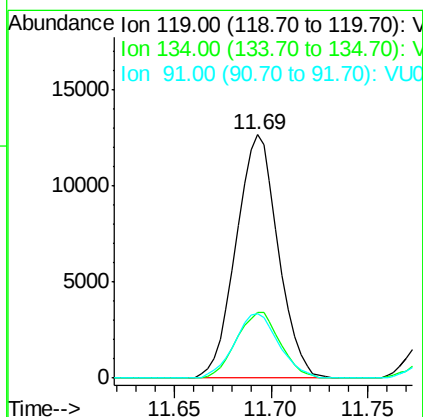
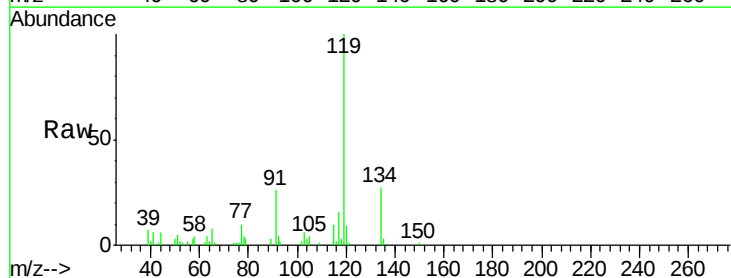
Instrument :
 MSVOA_U
 ClientSampled :

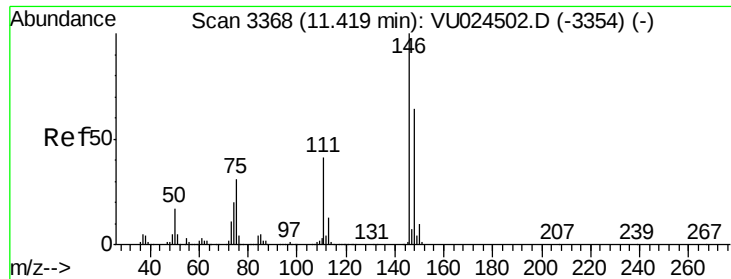
Tot Ion:105 Resp: 28232
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.7 29.1#



#86
 p-Isopropyltoluene
 Concen: 1.77 ug/l
 RT: 11.69 min Scan# 3453
 Delta R.T. 0.22 min
 Lab File: VU025216.D
 Acq: 05 Jul 2018 15:25

Tgt Ion:119 Resp: 19123
 Ion Ratio Lower Upper
 119 100
 134 28.1 12.9 38.6
 91 28.0 12.0 36.1

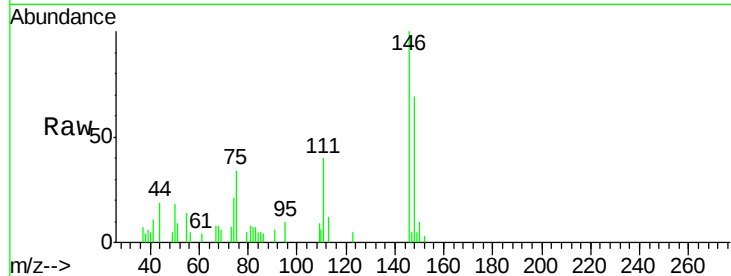




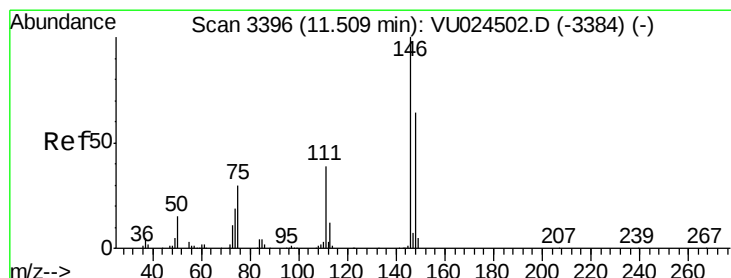
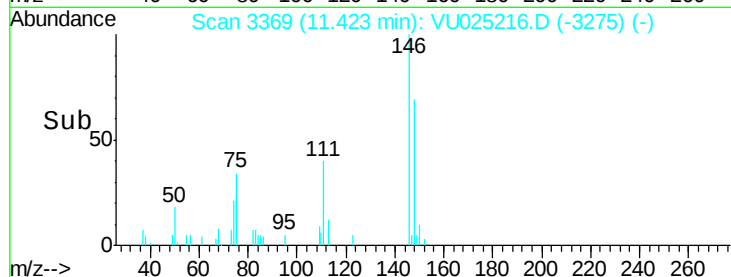
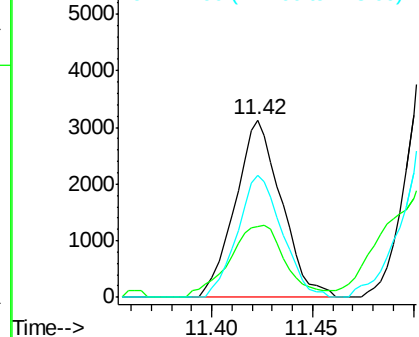
#87
 1,3-Dichlorobenzene
 Concen: 0.93 ug/l
 RT: 11.42 min Scan# 3369
 Delta R.T. 0.00 min
 Lab File: VU025216.D
 Acq: 05 Jul 2018 15:25

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:146 Resp: 5009
 Ion Ratio Lower Upper
 146 100
 111 49.3 20.0 60.0
 148 66.6 32.1 96.5

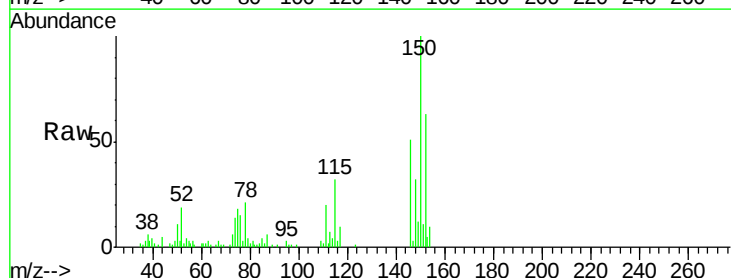


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

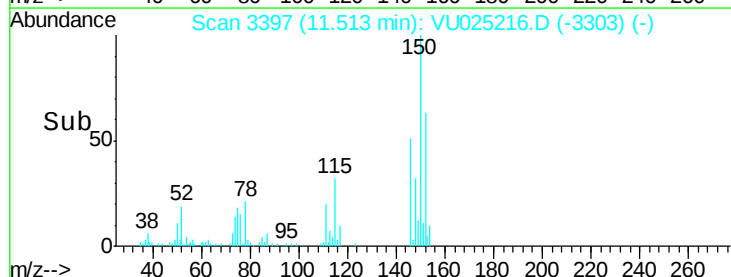
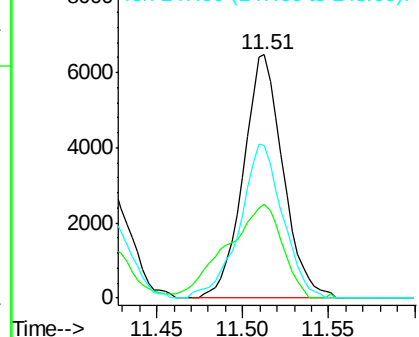


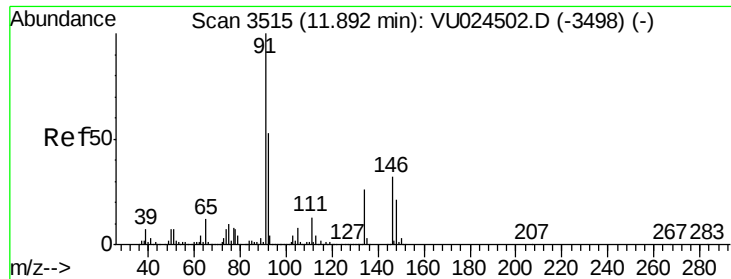
#88
 1,4-Dichlorobenzene
 Concen: 1.91 ug/l
 RT: 11.51 min Scan# 3397
 Delta R.T. 0.00 min
 Lab File: VU025216.D
 Acq: 05 Jul 2018 15:25

Tgt Ion:146 Resp: 10396
 Ion Ratio Lower Upper
 146 100
 111 54.0 19.5 58.5
 148 68.1 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: 0.26 ug/l

RT: 11.90 min Scan# 3516

Delta R.T. 0.00 min

Lab File: VU025216.D

Acq: 05 Jul 2018 15:25

Instrument :

MSVOA_U

ClientSampleId :

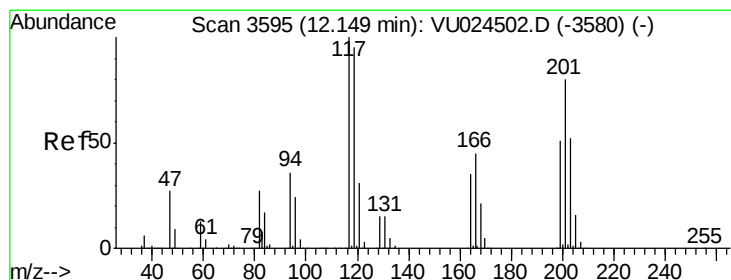
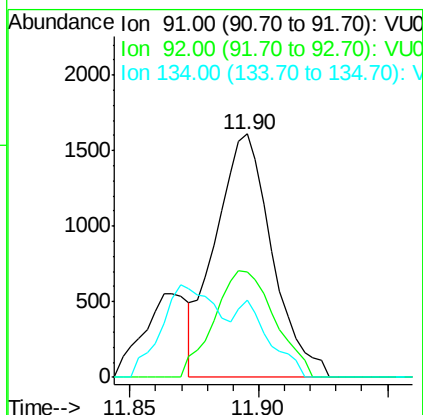
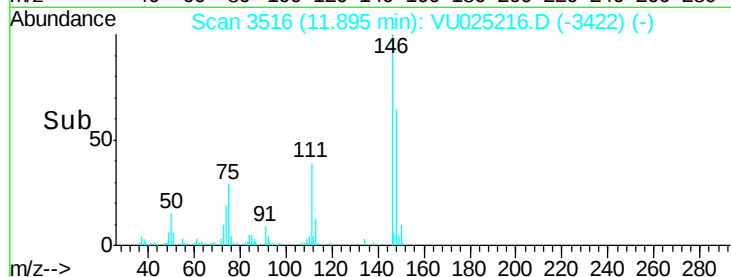
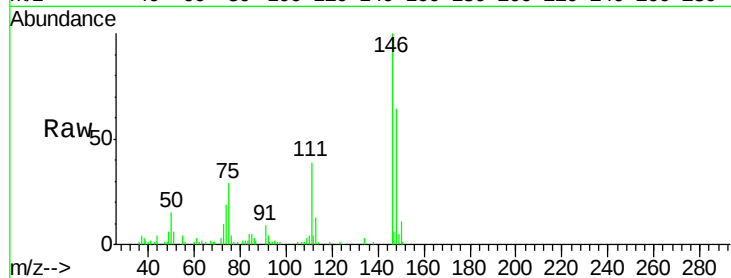
Tot Ion: 91 Resp: 2459

Ion Ratio Lower Upper

91 100

92 46.8 25.6 76.8

134 18.3 12.3 36.8



#90

Hexachloroethane

Concen: 0.97 ug/l

RT: 12.25 min Scan# 3627

Delta R.T. 0.10 min

Lab File: VU025216.D

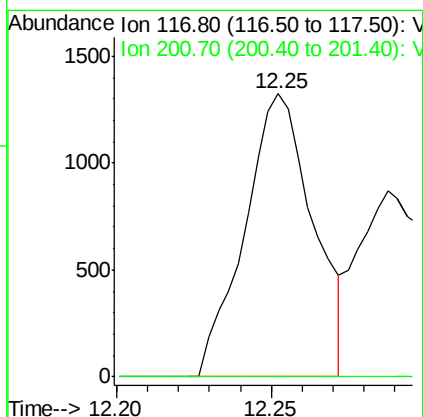
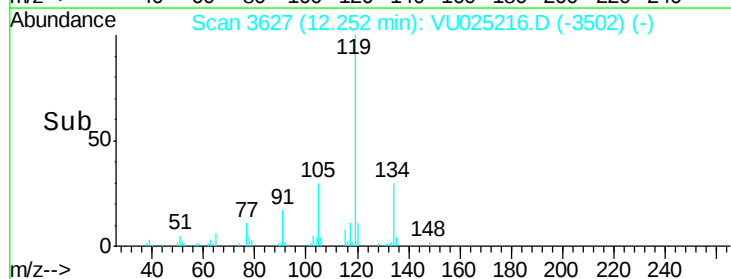
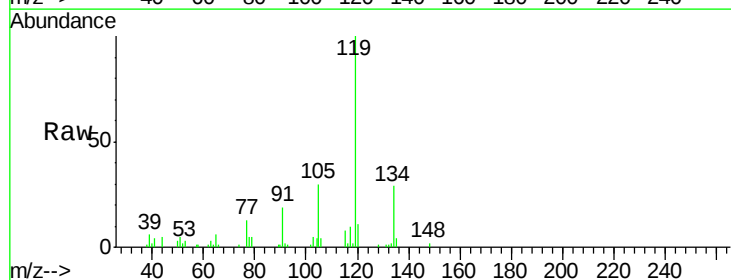
Acq: 05 Jul 2018 15:25

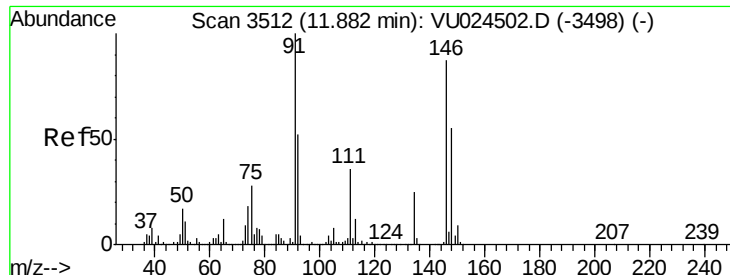
Tgt Ion: 117 Resp: 2036

Ion Ratio Lower Upper

117 100

201 0.0 41.1 123.3#

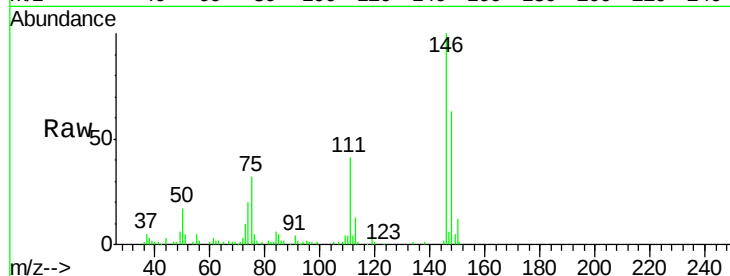




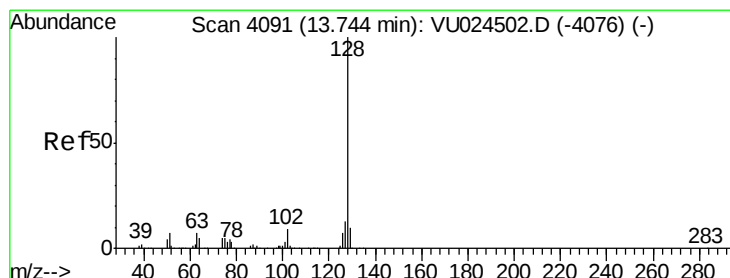
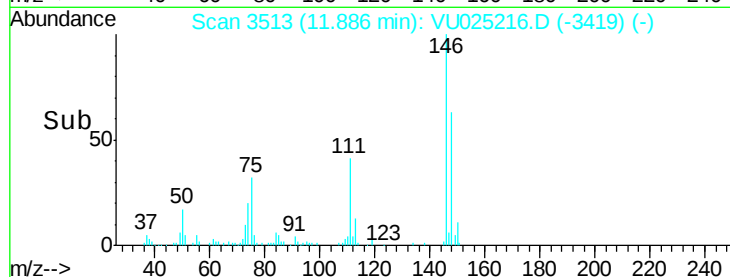
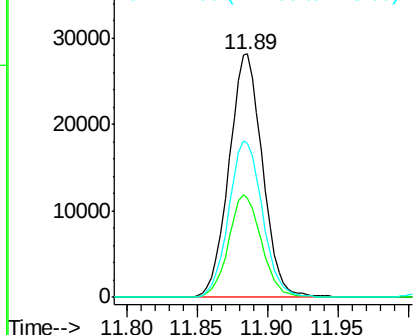
#91
 1,2-Dichlorobenzene
 Concen: 8.66 ug/l
 RT: 11.89 min Scan# 3513
 Delta R.T. 0.00 min
 Lab File: VU025216.D
 Acq: 05 Jul 2018 15:25

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.5	61.6
148	64.5	31.9	95.7

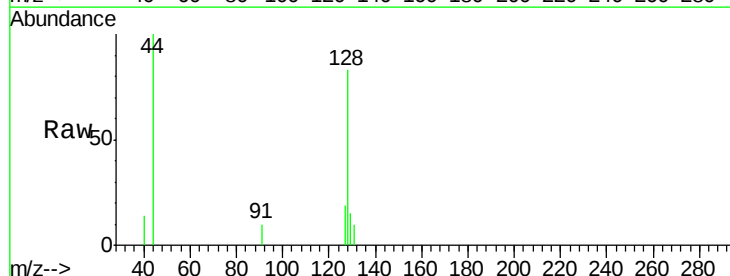


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V



#95
 Naphthalene
 Concen: 0.86 ug/l
 RT: 13.76 min Scan# 4095
 Delta R.T. 0.01 min
 Lab File: VU025216.D
 Acq: 05 Jul 2018 15:25

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.6	16.0
129	0.0	8.6	12.8#



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V

