

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U062318\
 Data File : VU024859.D
 Acq On : 23 Jun 2018 02:18
 Operator : MD/SY
 Sample : J3668-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 23 04:45:48 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	195548	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	294971	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	273542	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	146848	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	143026	44.80	ug/l	0.00
Spiked Amount			Recovery	=	89.60%	
35) Dibromofluoromethane	4.89	113	114408	46.73	ug/l	0.00
Spiked Amount			Recovery	=	93.46%	
50) Toluene-d8	7.57	98	431192	48.29	ug/l	0.00
Spiked Amount			Recovery	=	96.58%	
62) 4-Bromofluorobenzene	10.31	95	157680	44.48	ug/l	0.00
Spiked Amount			Recovery	=	88.96%	

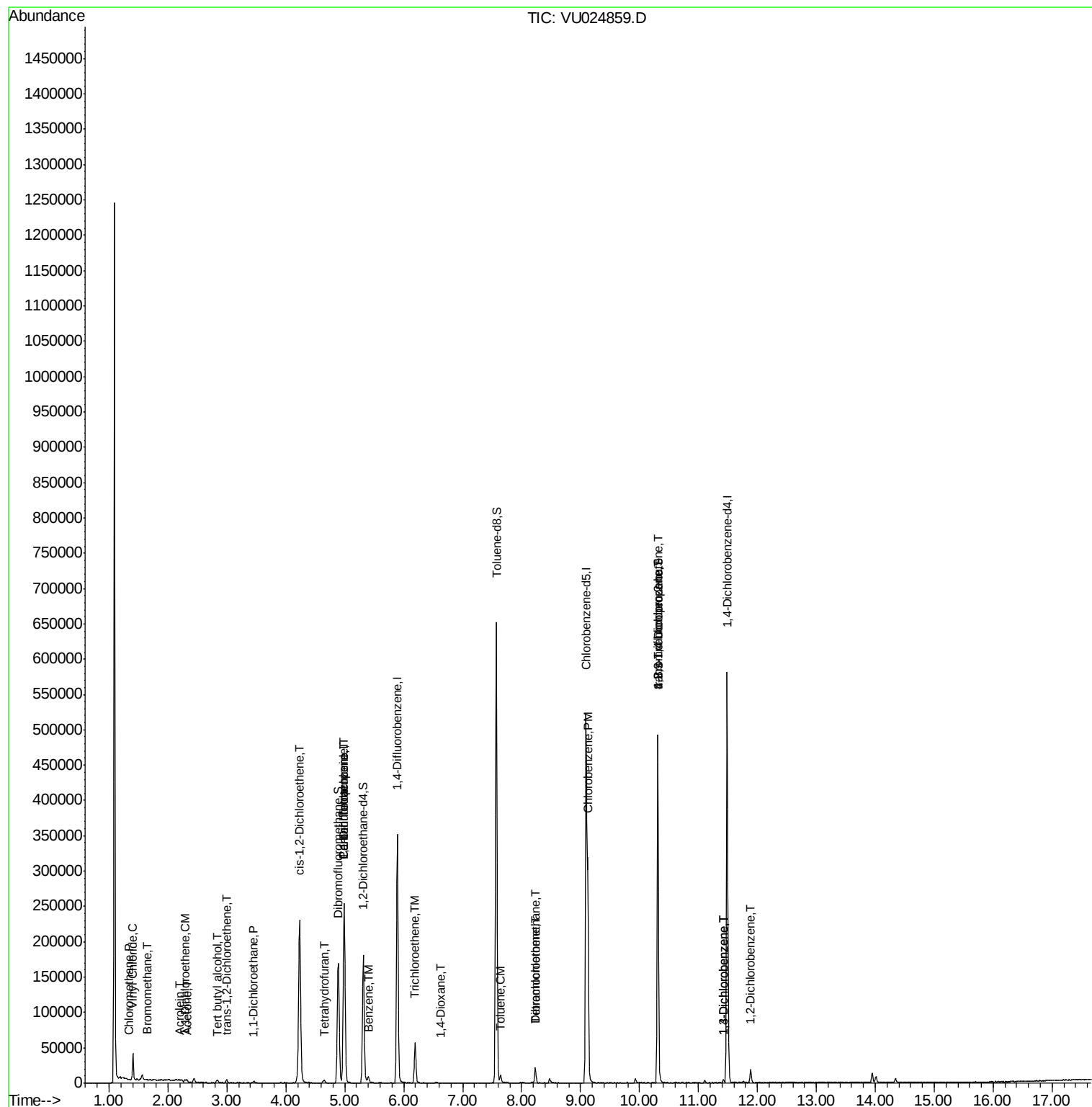
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	615	0.25	ug/l	91
4) Vinyl Chloride	1.40	62	23195	8.99	ug/l	99
5) Bromomethane	1.64	94	296	0.24	ug/l #	18
8) Diethyl Ether	2.30	74	20	Below Cal	#	1
11) Tert butyl alcohol	2.83	59	2862	3.69	ug/l #	86
12) 1,1-Dichloroethene	2.29	96	1371	0.62	ug/l #	70
13) Acrolein	2.19	56	238	0.58	ug/l	89
16) Acetone	2.32	43	4131	2.41	ug/l	94
21) trans-1,2-Dichloroethene	2.99	96	1637	0.67	ug/l	87
24) 1,1-Dichloroethane	3.45	63	2430	0.52	ug/l #	83
27) cis-1,2-Dichloroethene	4.23	96	130223	46.19	ug/l	88
29) Tetrahydrofuran	4.65	42	2819	1.98	ug/l #	76
31) Cyclohexane	4.99	56	4274	Below Cal	#	1
36) 1,1-Dichloropropene	4.99	75	14267	4.12	ug/l #	51
38) Carbon Tetrachloride	4.99	117	17964	4.71	ug/l #	16
40) Benzene	5.40	78	8102	0.82	ug/l	96
44) Trichloroethene	6.19	130	20173	7.18	ug/l	89
49) 1,4-Dioxane	6.63	88	126	2.03	ug/l #	72
52) Toluene	7.64	92	4018	0.63	ug/l	96
60) Dibromochloromethane	8.23	129	4750	1.47	ug/l #	11
64) Tetrachloroethene	8.23	164	4785	1.84	ug/l	93
65) Chlorobenzene	9.12	112	155739	22.29	ug/l	98
76) 1,2,3-Trichloropropane	10.31	75	82430	25.50	ug/l #	35
81) trans-1,4-Dichloro-2-buten	10.31	75	82430	59.01	ug/l #	100
87) 1,3-Dichlorobenzene	11.43	146	2242	0.43	ug/l	95
88) 1,4-Dichlorobenzene	11.43	146	2242	0.42	ug/l	94
91) 1,2-Dichlorobenzene	11.89	146	7732	1.46	ug/l	94

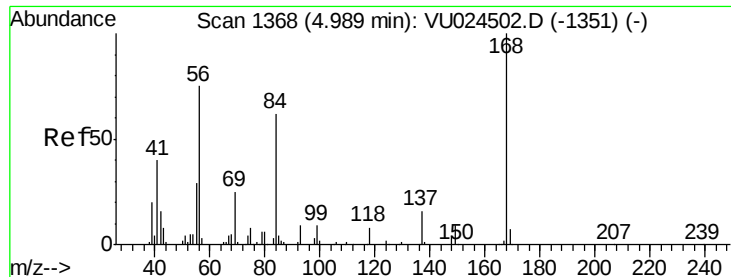
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU062318\
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Acq On : 23 Jun 2018 02:18
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Quant Method : Z:\V0ASRV\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: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VU024859.D

Acq: 23 Jun 2018 02:18

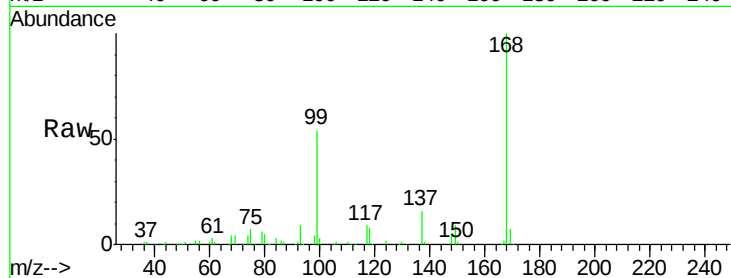
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:168 Resp: 195548

Ion Ratio Lower Upper

168 100

99 54.1 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) (-)

4.99

80000

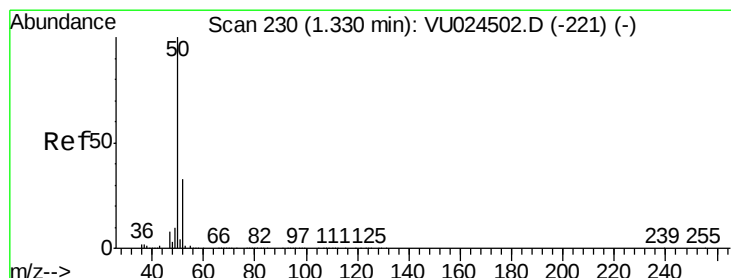
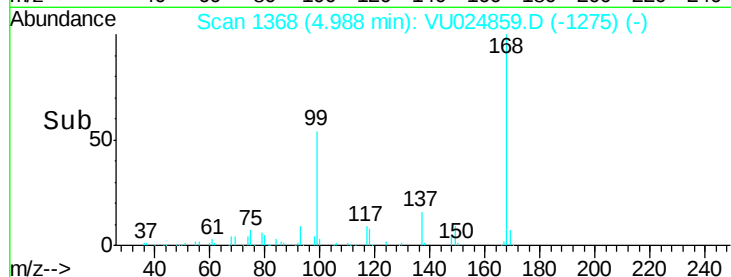
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 0.25 ug/l

RT: 1.33 min Scan# 231

Delta R.T. 0.00 min

Lab File: VU024859.D

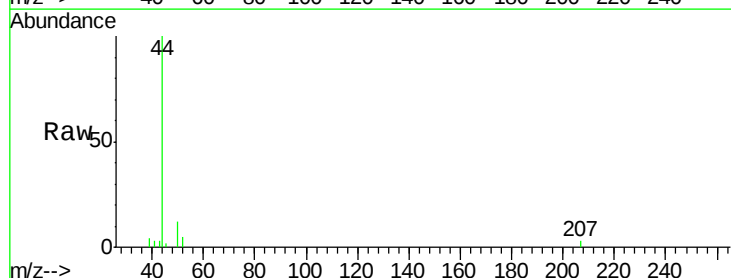
Acq: 23 Jun 2018 02:18

Tgt Ion: 50 Resp: 615

Ion Ratio Lower Upper

50 100

52 38.2 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VU024502.D (-221) (-)

Ion 51.90 (51.60 to 52.60): VU024502.D (-221) (-)

1.33

500

400

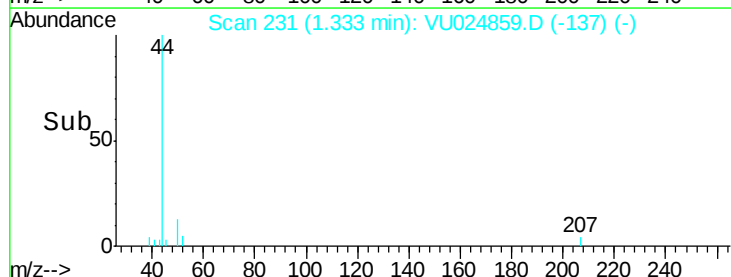
300

200

100

0

Time-->





#4

Vinyl Chloride

Concen: 8.99 ug/l

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU024859.D

Acq: 23 Jun 2018 02:18

Instrument :

MSVOA_U

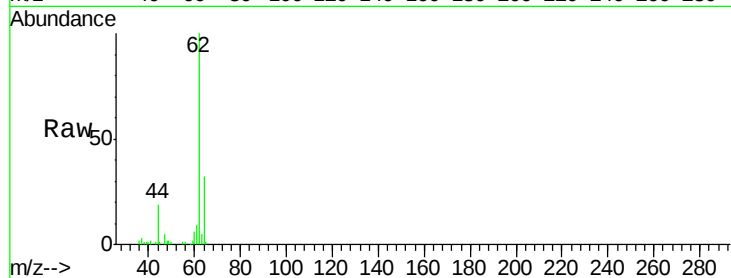
ClientSampleId :

Tot Ion: 62 Resp: 23195

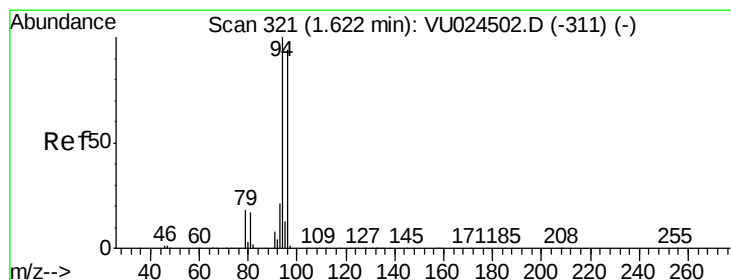
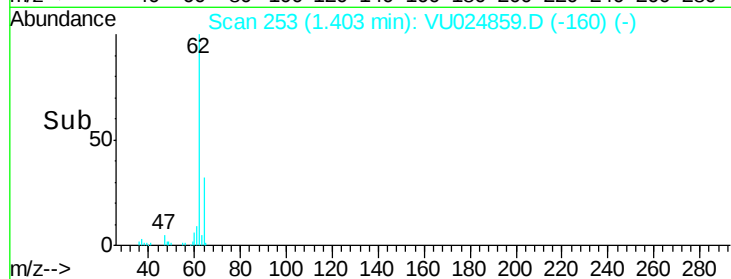
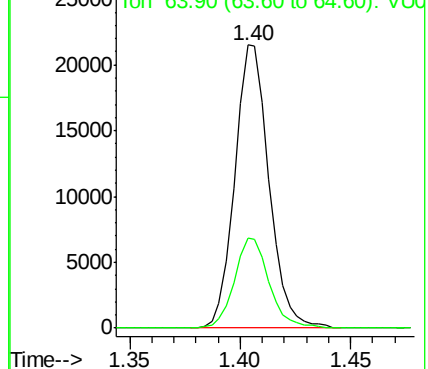
Ion Ratio Lower Upper

62 100

64 31.7 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VU024859.D (-160) (-)



#5

Bromomethane

Concen: 0.24 ug/l

RT: 1.64 min Scan# 326

Delta R.T. 0.02 min

Lab File: VU024859.D

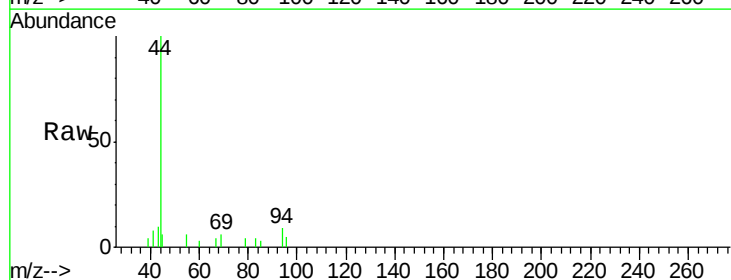
Acq: 23 Jun 2018 02:18

Tgt Ion: 94 Resp: 296

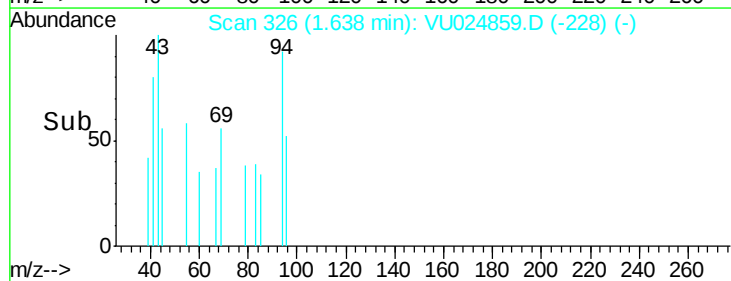
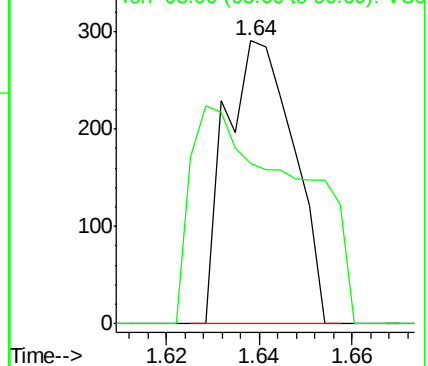
Ion Ratio Lower Upper

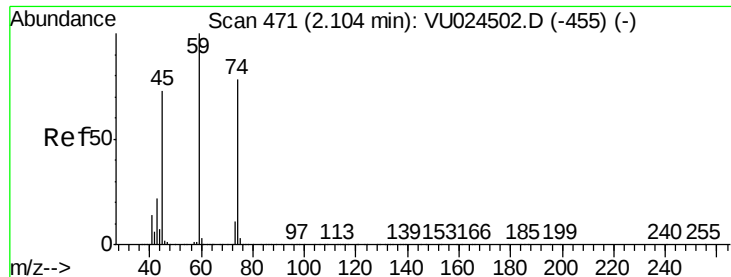
94 100

96 14.4 74.5 111.7#



Abundance Ion 93.90 (93.60 to 94.60): VU024859.D (-228) (-)





#8

Diethyl Ether

Concen: Below Cal

RT: 2.30 min Scan# 532

Delta R.T. 0.20 min

Lab File: VU024859.D

Acq: 23 Jun 2018 02:18

Instrument :

MSVOA_U

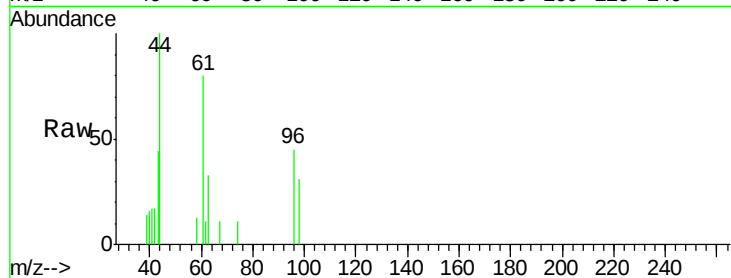
ClientSampleId :

Tot Ion: 74 Resp: 20

Ion Ratio Lower Upper

74 100

45 0.0 55.0 165.0#



Abundance Ion 74.00 (73.70 to 74.70): VU0

Ion 45.00 (44.70 to 45.70): VU0

2.30

100

80

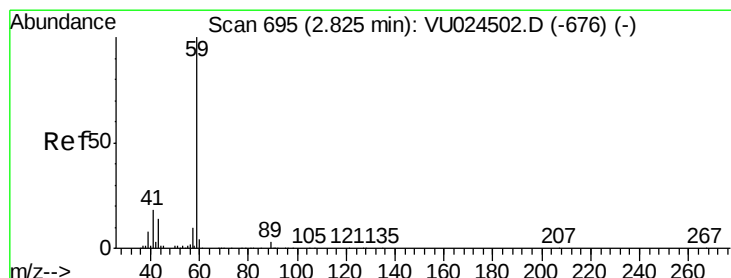
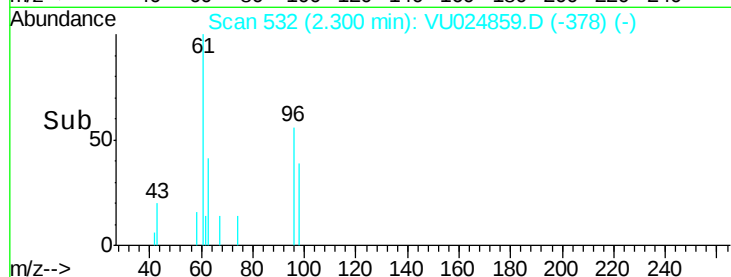
60

40

20

0

Time--> 2.29 2.29 2.30 2.31 2.31



#11

Tert butyl alcohol

Concen: 3.69 ug/l

RT: 2.83 min Scan# 697

Delta R.T. 0.01 min

Lab File: VU024859.D

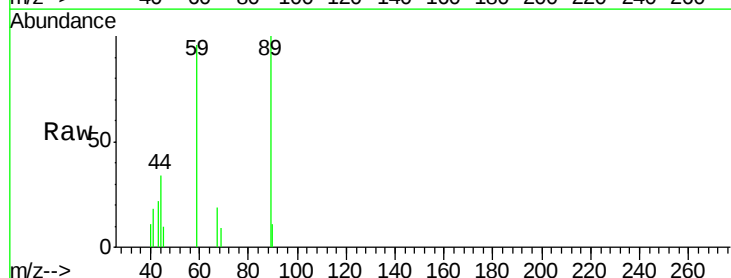
Acq: 23 Jun 2018 02:18

Tgt Ion: 59 Resp: 2862

Ion Ratio Lower Upper

59 100

57 5.4 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

2.83

1200

1000

800

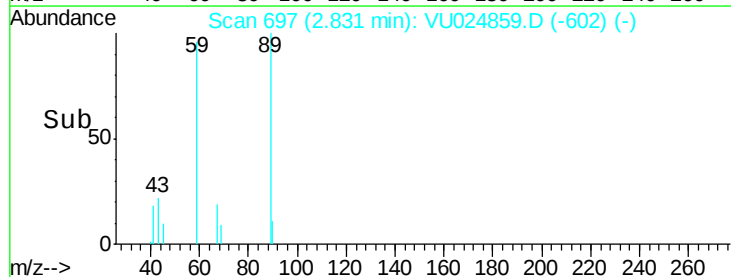
600

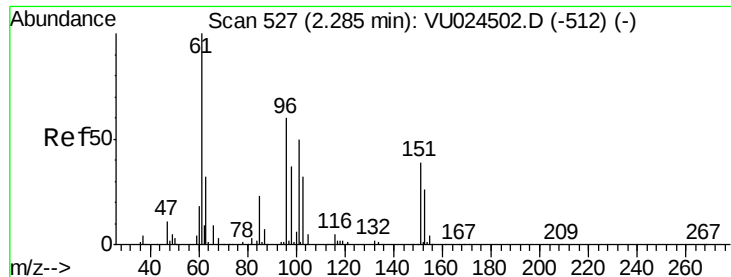
400

200

0

Time--> 2.75 2.80 2.83 2.85 2.90





#12

1,1-Dichloroethene

Concen: 0.62 ug/l

RT: 2.29 min Scan# 528

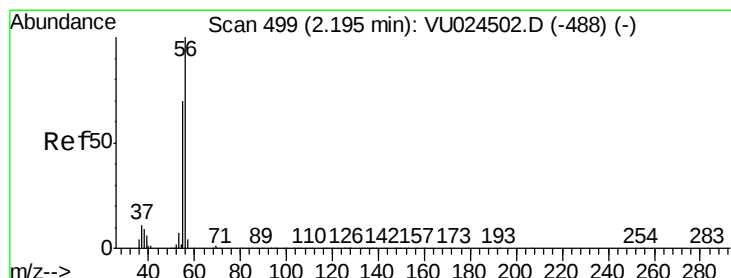
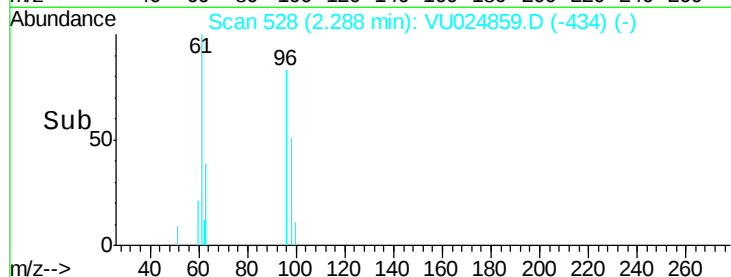
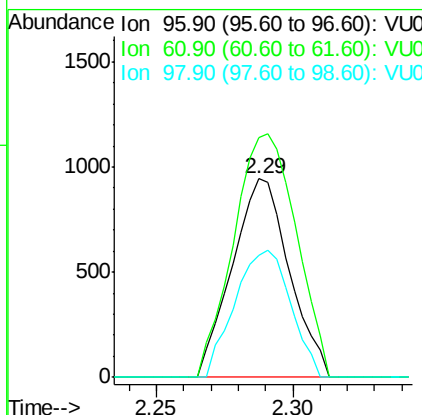
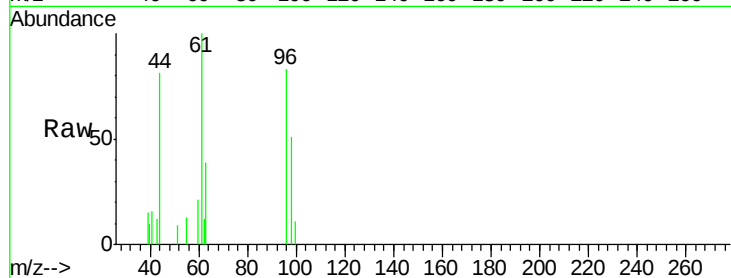
Delta R.T. 0.00 min

Lab File: VU024859.D

Acq: 23 Jun 2018 02:18

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 96 Resp: 1371
Ion Ratio Lower Upper
96 100
61 121.1 141.7 212.5#
98 61.8 51.6 77.4



#13

Acrolein

Concen: 0.58 ug/l

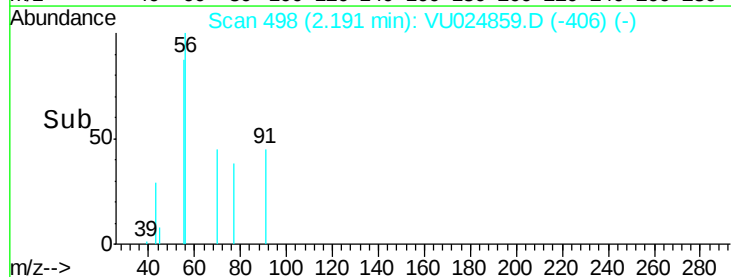
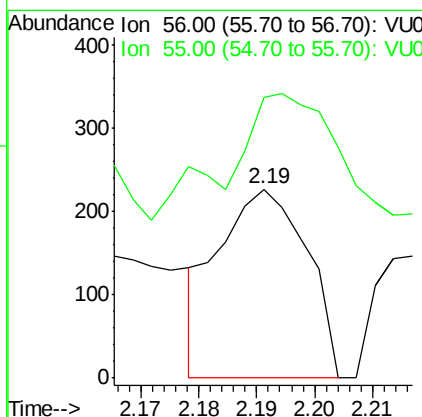
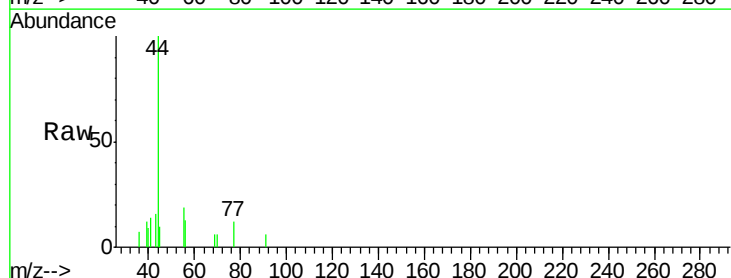
RT: 2.19 min Scan# 498

Delta R.T. -0.00 min

Lab File: VU024859.D

Acq: 23 Jun 2018 02:18

Tgt Ion: 56 Resp: 238
Ion Ratio Lower Upper
56 100
55 81.9 58.4 87.6





#16

Acetone

Concen: 2.41 ug/l

RT: 2.32 min Scan# 539

Delta R.T. -0.00 min

Lab File: VU024859.D

Acq: 23 Jun 2018 02:18

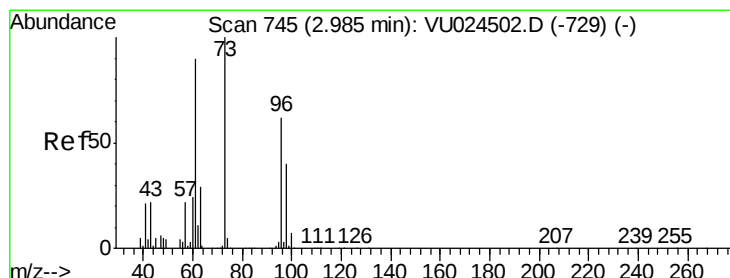
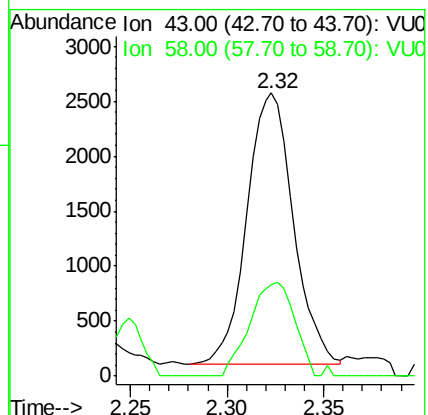
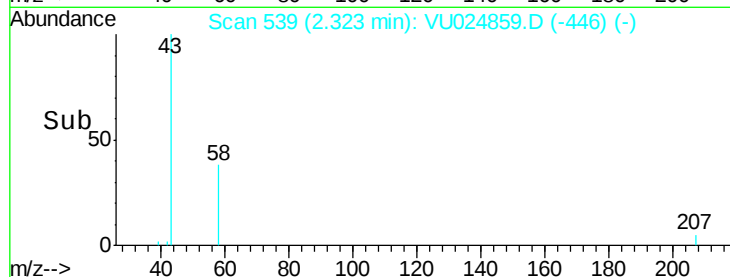
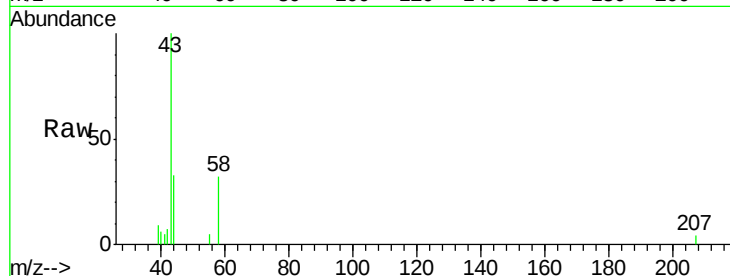
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 43 Resp: 4131

Ion Ratio Lower Upper

43 100

58 33.6 24.4 36.6



#21

trans-1,2-Dichloroethene

Concen: 0.67 ug/l

RT: 2.99 min Scan# 746

Delta R.T. 0.00 min

Lab File: VU024859.D

Acq: 23 Jun 2018 02:18

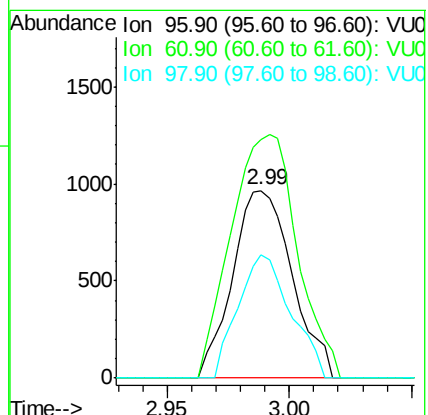
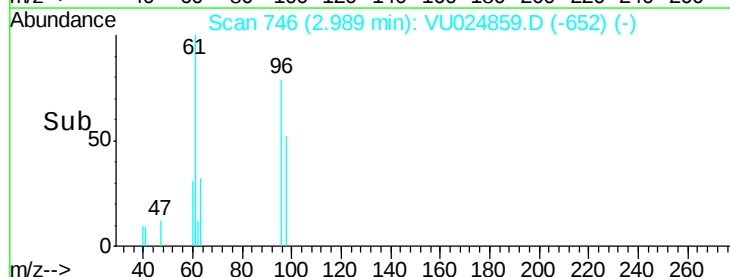
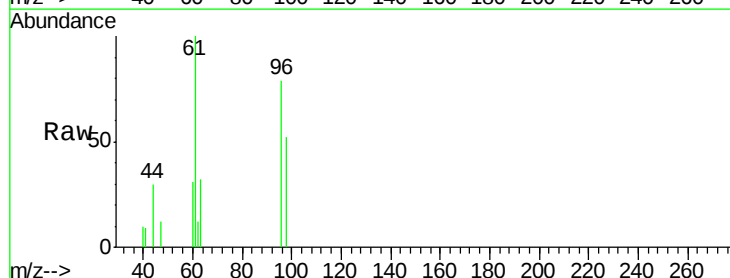
Tgt Ion: 96 Resp: 1637

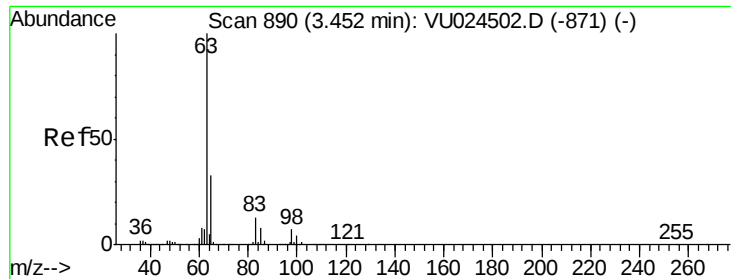
Ion Ratio Lower Upper

96 100

61 126.8 119.4 179.0

98 65.4 51.1 76.7





#24

1,1-Dichloroethane

Concen: 0.52 ug/l

RT: 3.45 min Scan# 888

Delta R.T. -0.01 min

Lab File: VU024859.D

Acq: 23 Jun 2018 02:18

Instrument :

MSVOA_U

ClientSampleId :

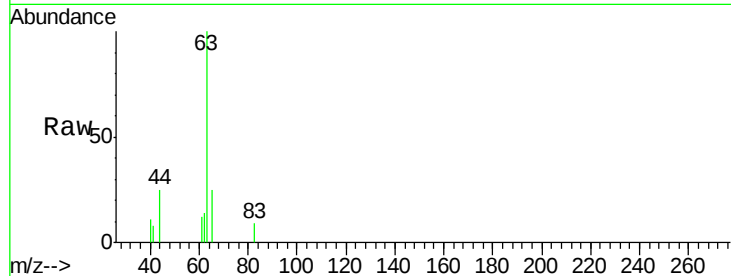
Tot Ion: 63 Resp: 2430

Ion Ratio Lower Upper

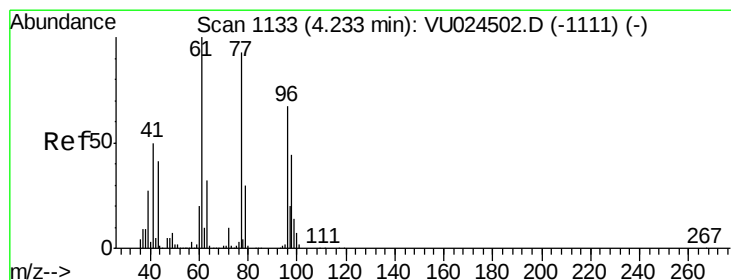
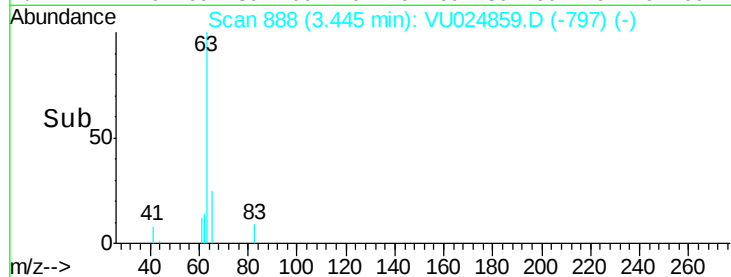
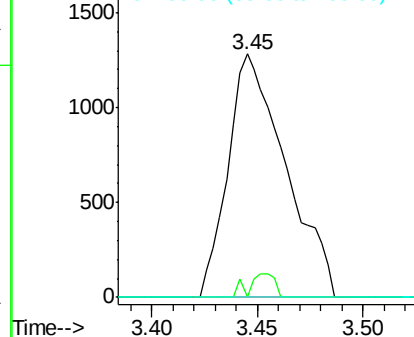
63 100

98 0.0 3.5 10.4#

100 0.0 1.8 5.5#



Abundance Ion 62.90 (62.60 to 63.60): VU0
Ion 97.90 (97.60 to 98.60): VU0
Ion 99.90 (99.60 to 100.60): VU0



#27

cis-1,2-Dichloroethene

Concen: 46.19 ug/l

RT: 4.23 min Scan# 1133

Delta R.T. -0.00 min

Lab File: VU024859.D

Acq: 23 Jun 2018 02:18

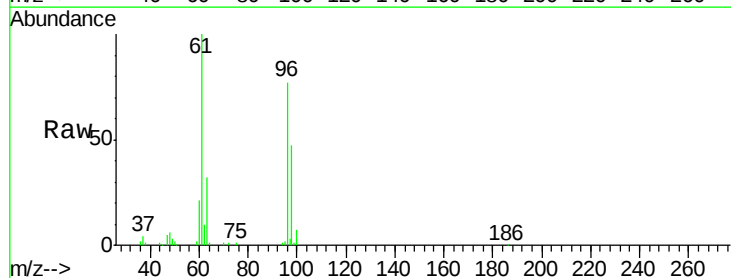
Tgt Ion: 96 Resp: 130223

Ion Ratio Lower Upper

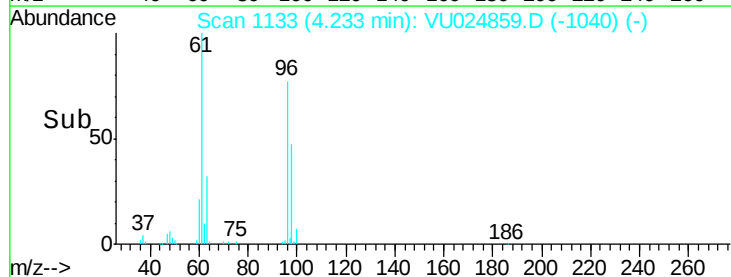
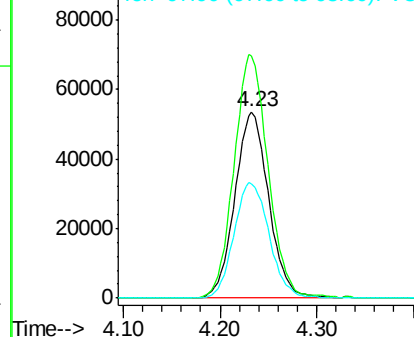
96 100

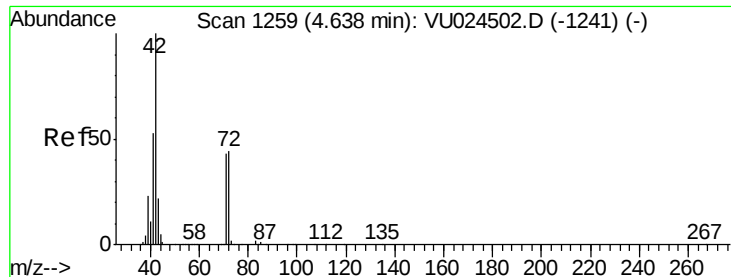
61 131.7 0.0 306.6

98 64.6 0.0 128.8



Abundance Ion 95.90 (95.60 to 96.60): VU0
Ion 60.90 (60.60 to 61.60): VU0
Ion 97.90 (97.60 to 98.60): VU0





#29

Tetrahydrofuran

Concen: 1.98 ug/l

RT: 4.65 min Scan# 1263

Delta R.T. 0.01 min

Lab File: VU024859.D

Acq: 23 Jun 2018 02:18

Instrument :

MSVOA_U

ClientSampleId :

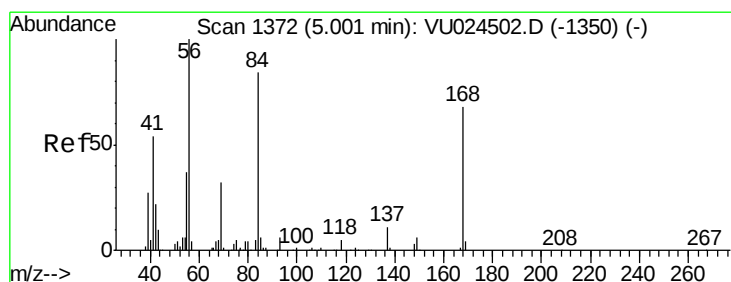
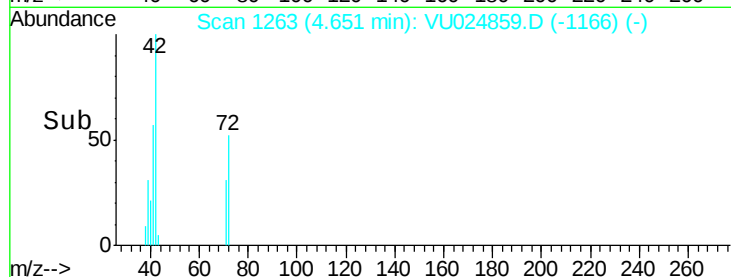
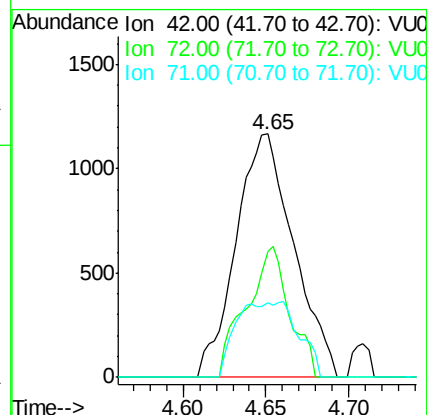
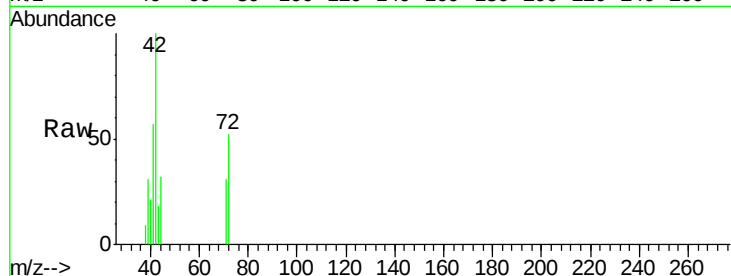
Tot Ion: 42 Resp: 2819

Ion Ratio Lower Upper

42 100

72 40.1 34.5 51.7

71 13.0 32.2 48.4#



#31

Cyclohexane

Concen: Below Cal

RT: 4.99 min Scan# 1368

Delta R.T. -0.01 min

Lab File: VU024859.D

Acq: 23 Jun 2018 02:18

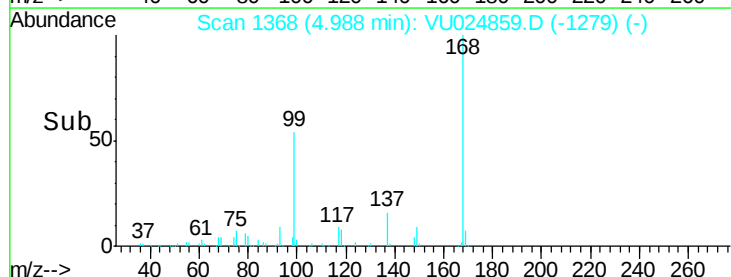
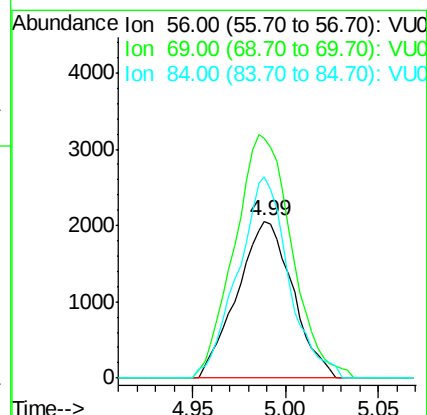
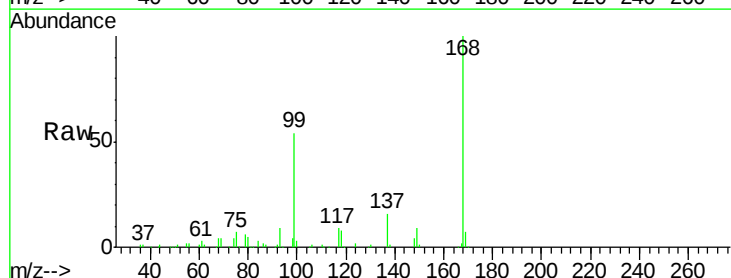
Tgt Ion: 56 Resp: 4274

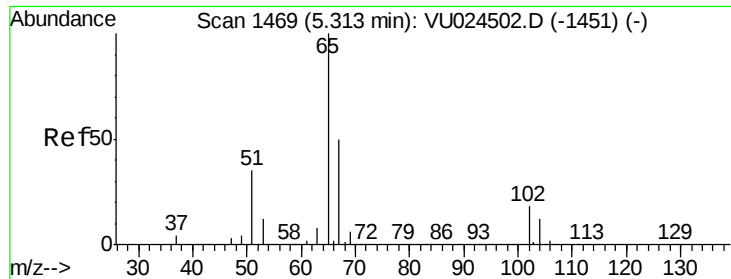
Ion Ratio Lower Upper

56 100

69 152.7 24.8 37.2#

84 128.8 65.2 97.8#

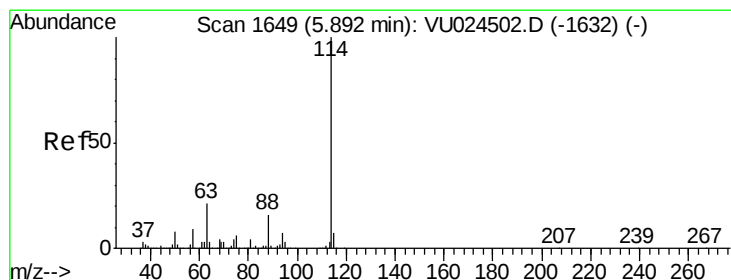
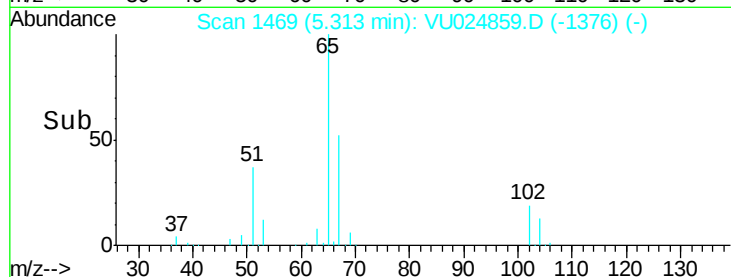
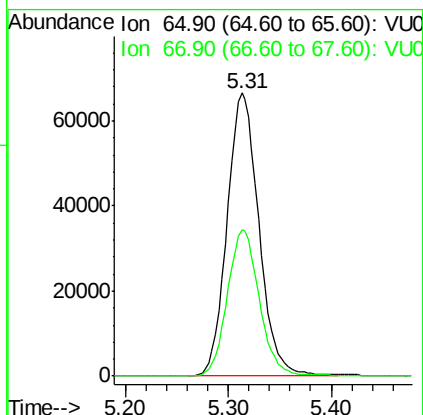
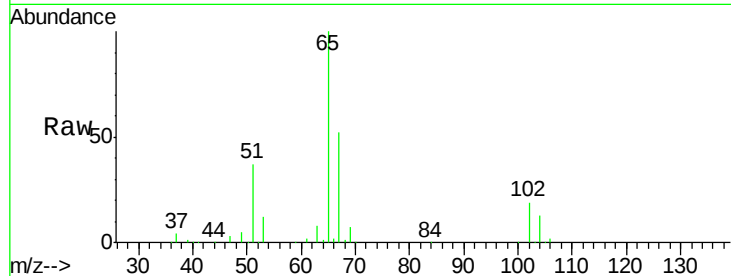




#33
 1,2-Dichloroethane-d4
 Concen: 44.80 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VU024859.D
 Acq: 23 Jun 2018 02:18

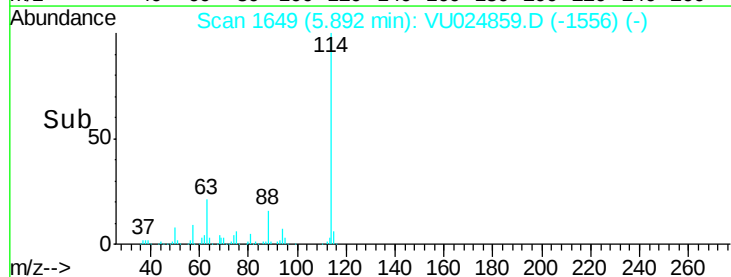
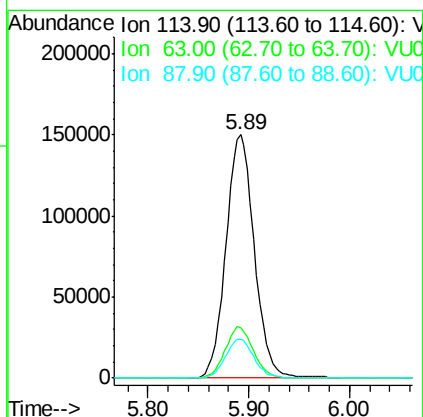
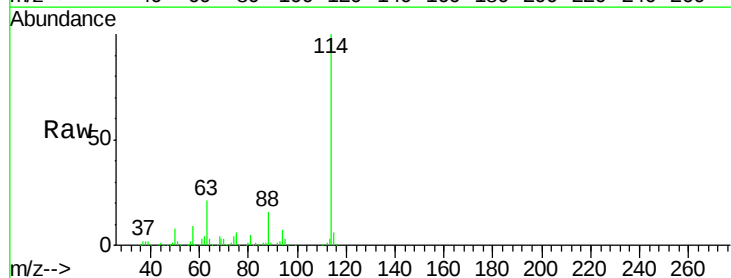
Instrument :
 MSVOA_U
 ClientSampleId :

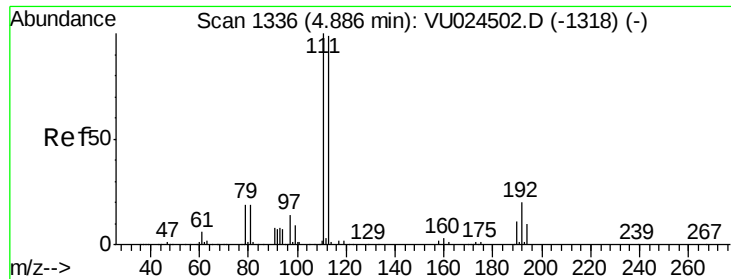
Tot Ion: 65 Resp: 143026
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. -0.00 min
 Lab File: VU024859.D
 Acq: 23 Jun 2018 02:18

Tgt Ion: 114 Resp: 294971
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 45.4
 88 16.0 0.0 31.0

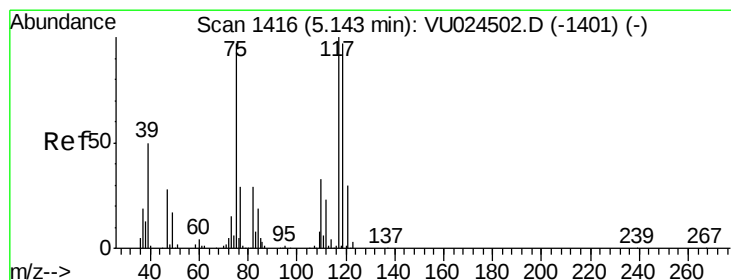
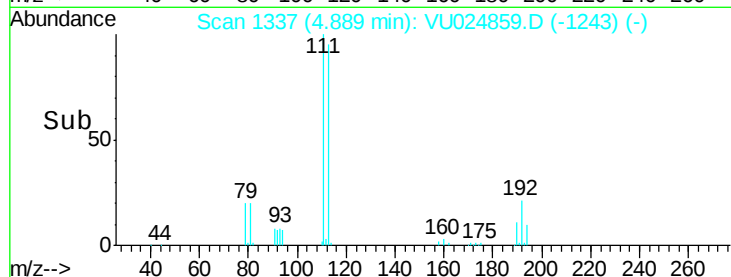
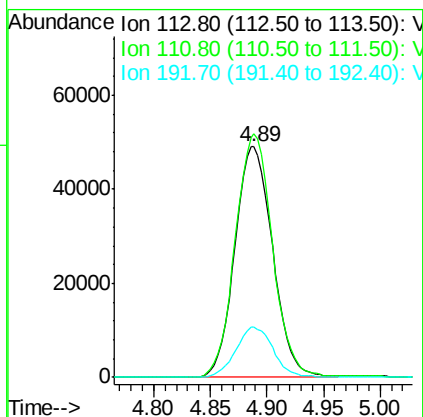
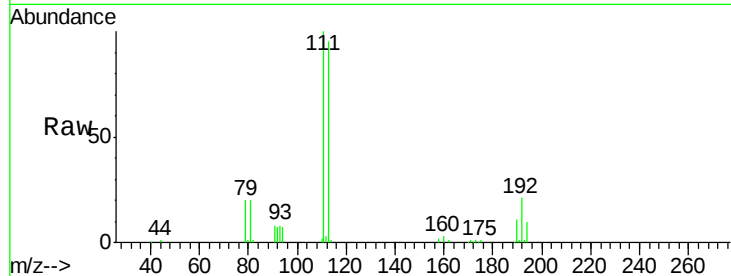




#35
 Dibromofluoromethane
 Concen: 46.73 ug/l
 RT: 4.89 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VU024859.D
 Acq: 23 Jun 2018 02:18

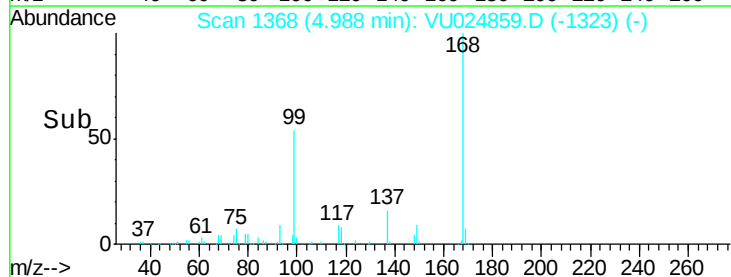
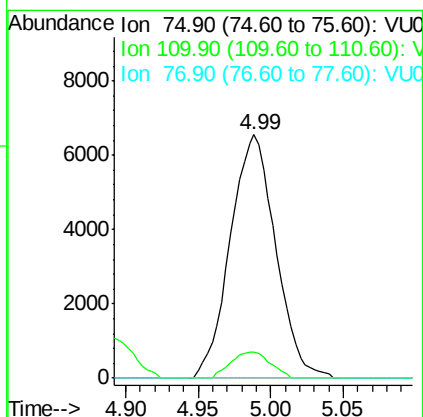
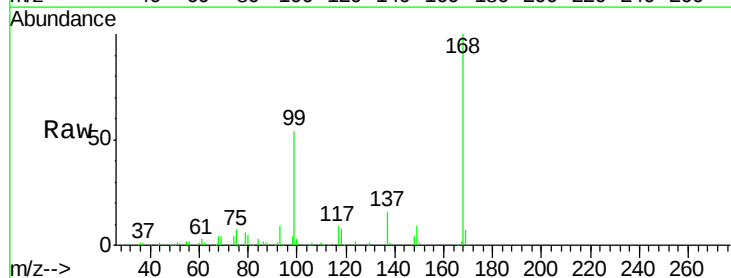
Instrument :
 MSVOA_U
 ClientSampleId :

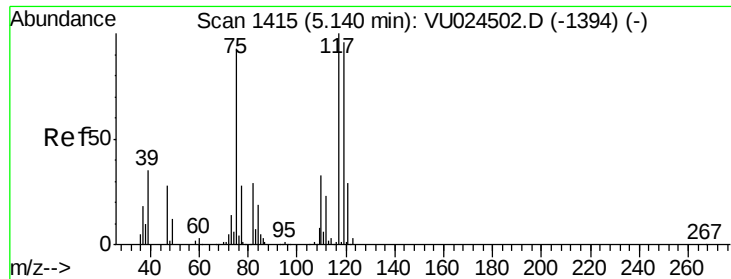
Tot Ion:113 Resp: 114408
 Ion Ratio Lower Upper
 113 100
 111 104.3 82.2 123.4
 192 21.5 16.2 24.4



#36
 1,1-Dichloropropene
 Concen: 4.12 ug/l
 RT: 4.99 min Scan# 1368
 Delta R.T. -0.15 min
 Lab File: VU024859.D
 Acq: 23 Jun 2018 02:18

Tgt Ion: 75 Resp: 14267
 Ion Ratio Lower Upper
 75 100
 110 9.4 17.0 50.9#
 77 0.0 24.2 36.4#





#38

Carbon Tetrachloride

Concen: 4.71 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.15 min

Lab File: VU024859.D

Acq: 23 Jun 2018 02:18

Instrument :

MSVOA_U

ClientSampleId :

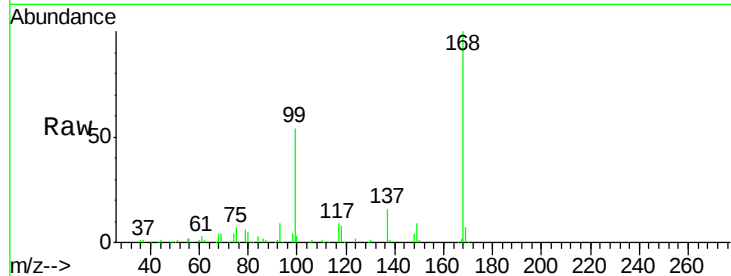
Tot Ion:117 Resp: 17964

Ion Ratio Lower Upper

117 100

119 4.1 76.1 114.1#

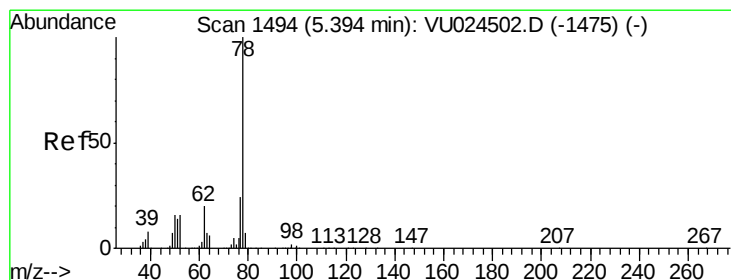
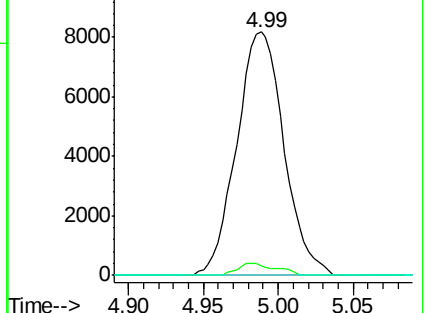
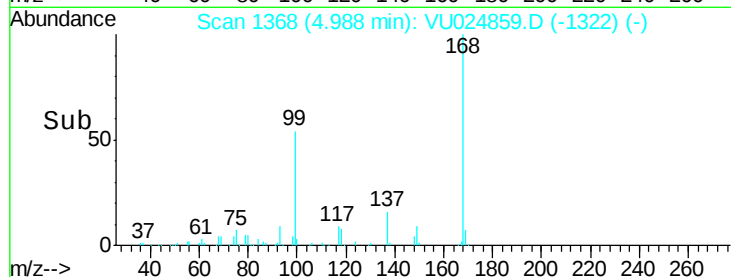
121 0.0 23.7 35.5#



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



#40

Benzene

Concen: 0.82 ug/l

RT: 5.40 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VU024859.D

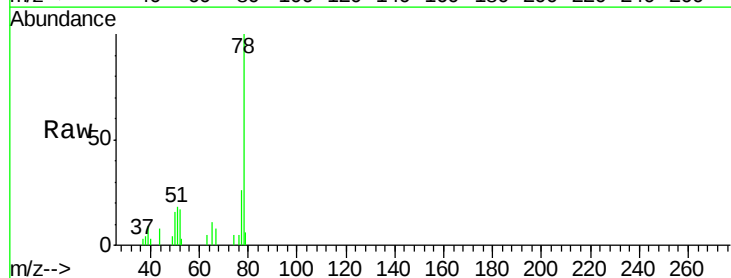
Acq: 23 Jun 2018 02:18

Tgt Ion: 78 Resp: 8102

Ion Ratio Lower Upper

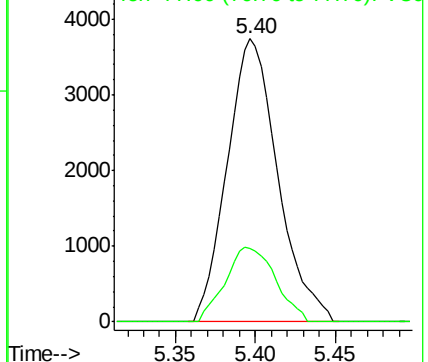
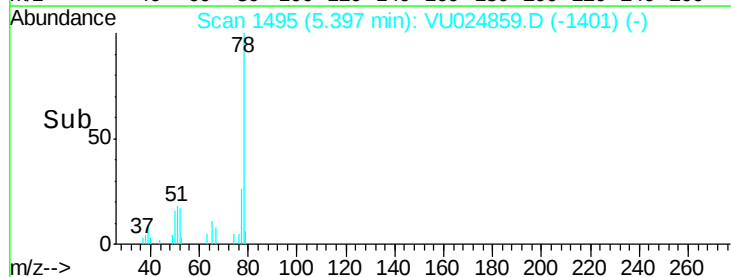
78 100

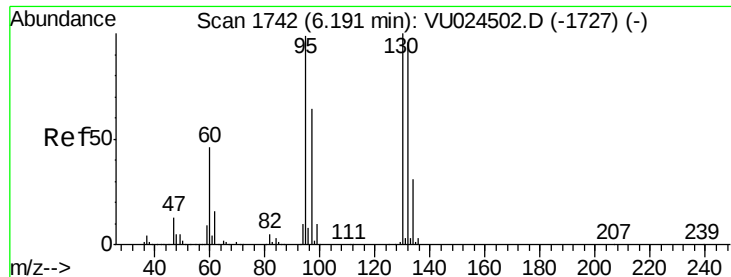
77 26.1 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#44

Trichloroethene

Concen: 7.18 ug/l

RT: 6.19 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VU024859.D

Acq: 23 Jun 2018 02:18

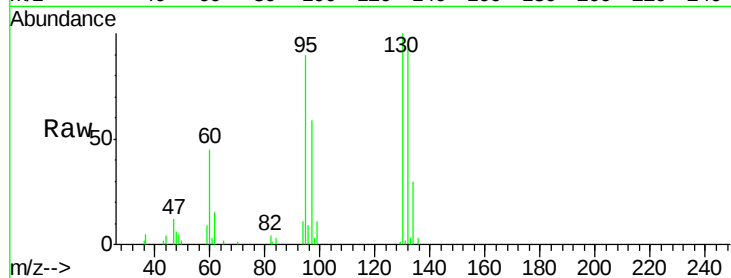
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:130 Resp: 20173

Ion Ratio Lower Upper

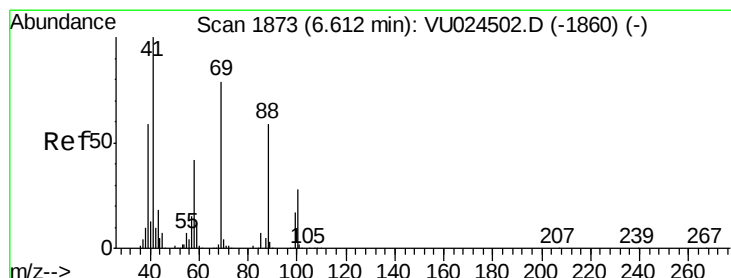
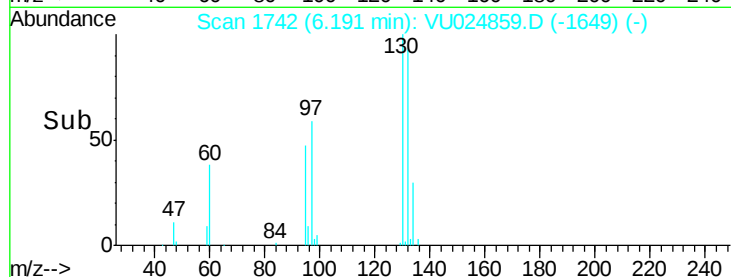
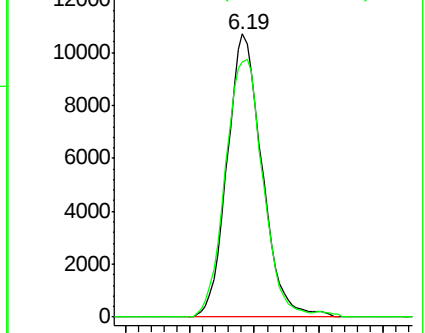
130 100

95 90.1 0.0 202.4



Abundance Ion 129.80 (129.50 to 130.50): VU024859.D (-1649) (-)

Ion 94.90 (94.60 to 95.60): VU024859.D (-1649) (-)



#49

1,4-Dioxane

Concen: 2.03 ug/l

RT: 6.63 min Scan# 1879

Delta R.T. 0.02 min

Lab File: VU024859.D

Acq: 23 Jun 2018 02:18

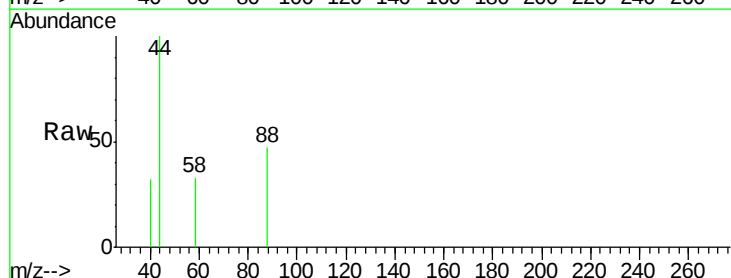
Tgt Ion: 88 Resp: 126

Ion Ratio Lower Upper

88 100

43 0.0 28.6 42.8#

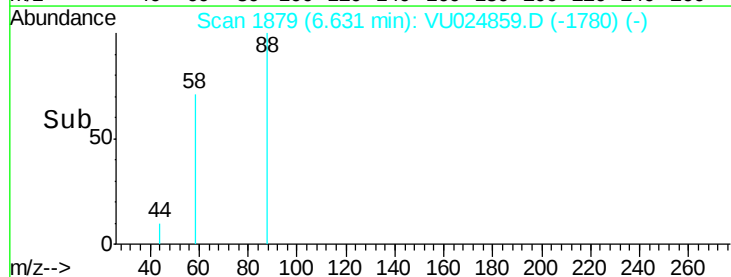
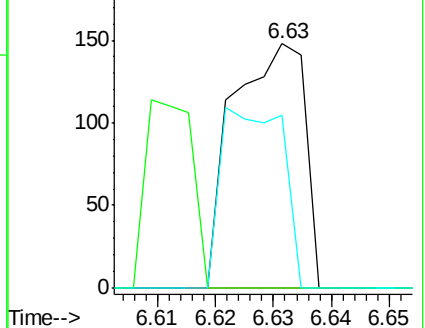
58 63.5 58.2 87.4

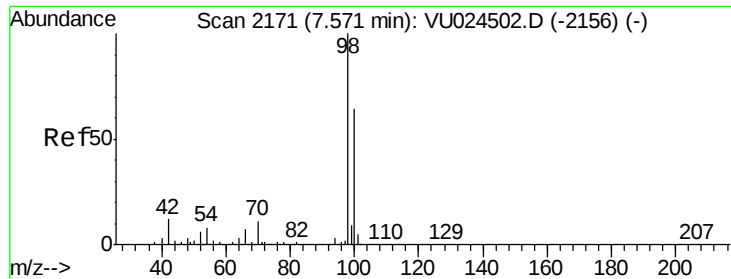


Abundance Ion 88.00 (87.70 to 88.70): VU024859.D (-1780) (-)

Ion 43.00 (42.70 to 43.70): VU024859.D (-1780) (-)

Ion 58.00 (57.70 to 58.70): VU024859.D (-1780) (-)

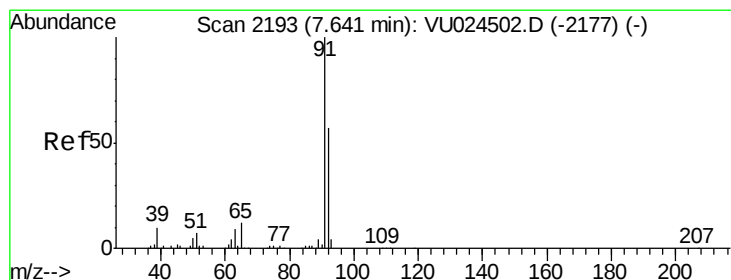
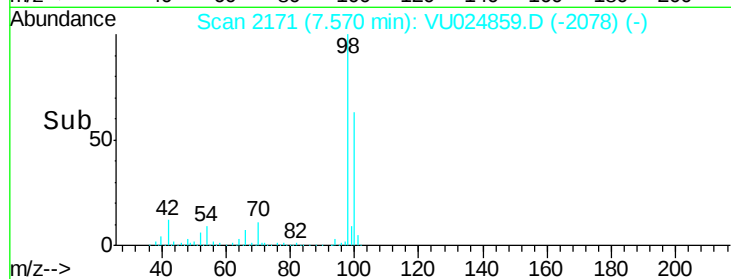
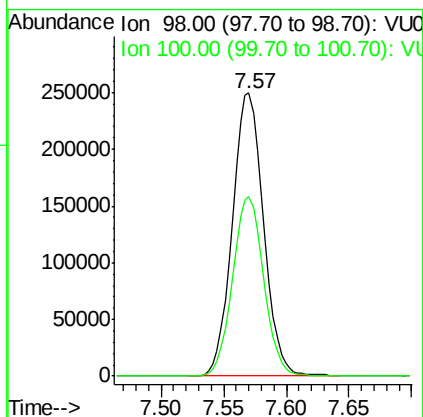
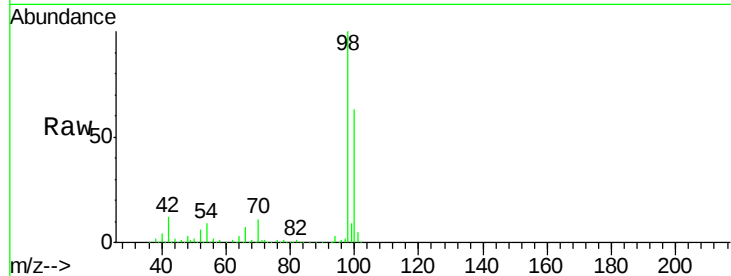




#50
Toluene-d8
Concen: 48.29 ug/l
RT: 7.57 min Scan# 2171
Delta R.T. -0.00 min
Lab File: VU024859.D
Acq: 23 Jun 2018 02:18

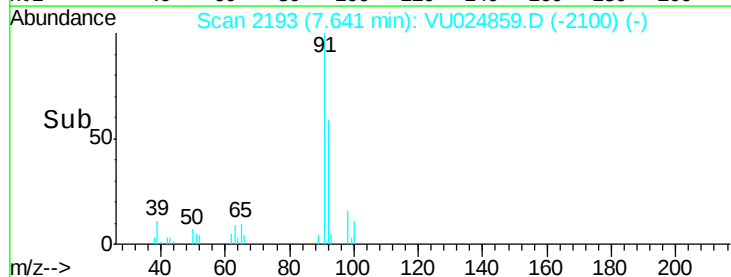
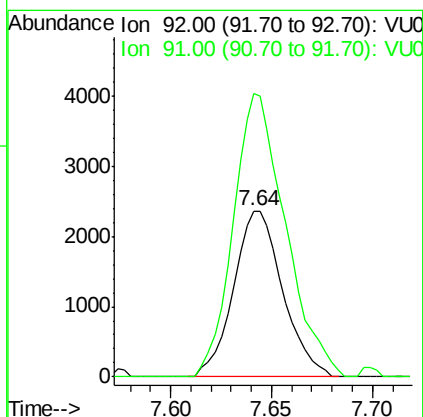
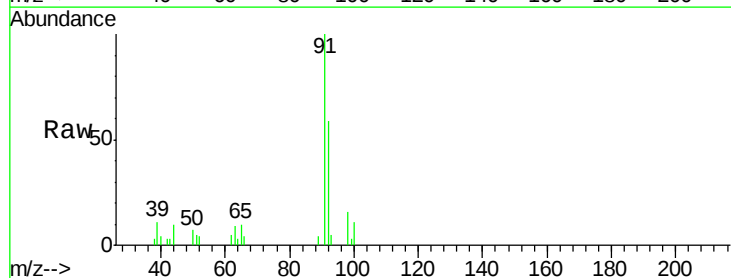
Instrument :
MSVOA_U
ClientSampleId :

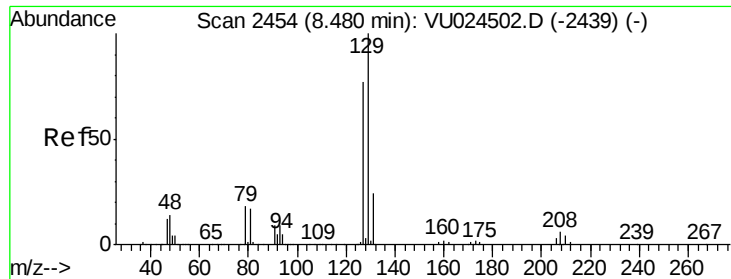
Tot Ion: 98 Resp: 431192
Ion Ratio Lower Upper
98 100
100 63.4 51.1 76.7



#52
Toluene
Concen: 0.63 ug/l
RT: 7.64 min Scan# 2193
Delta R.T. -0.00 min
Lab File: VU024859.D
Acq: 23 Jun 2018 02:18

Tgt Ion: 92 Resp: 4018
Ion Ratio Lower Upper
92 100
91 181.3 140.5 210.7





#60

Dibromochloromethane

Concen: 1.47 ug/l

RT: 8.23 min Scan# 2377

Delta R.T. -0.25 min

Lab File: VU024859.D

Acq: 23 Jun 2018 02:18

Instrument :

MSVOA_U

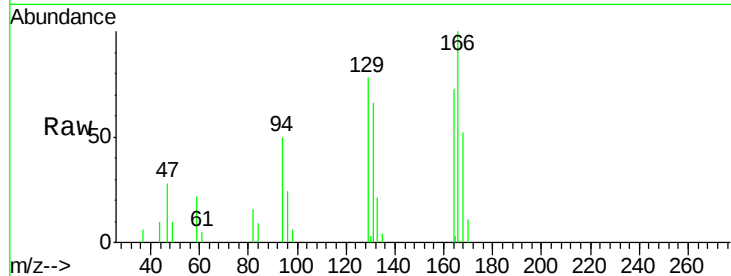
ClientSampleId :

Tot Ion:129 Resp: 4750

Ion Ratio Lower Upper

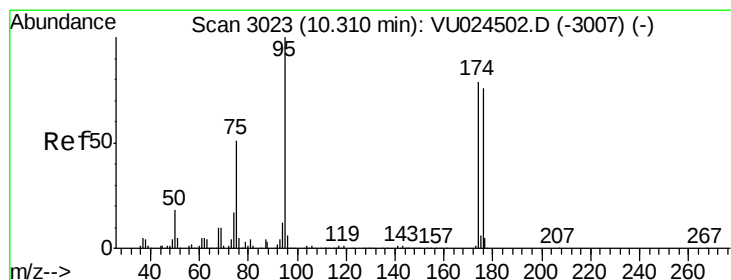
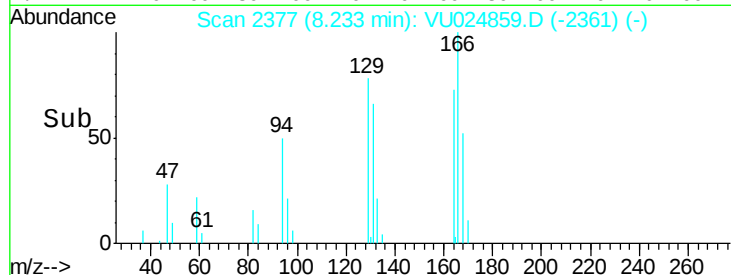
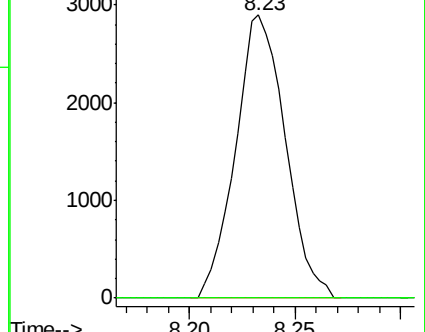
129 100

127 0.0 38.6 116.0#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#62

4-Bromofluorobenzene

Concen: 44.48 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.00 min

Lab File: VU024859.D

Acq: 23 Jun 2018 02:18

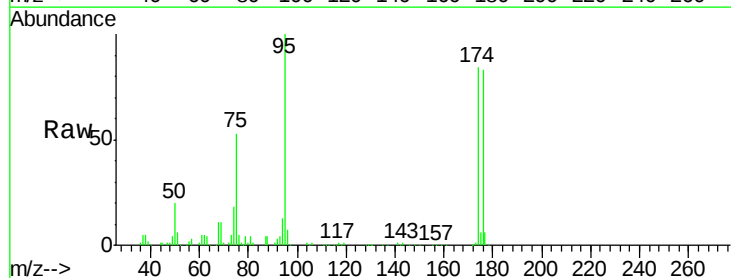
Tgt Ion: 95 Resp: 157680

Ion Ratio Lower Upper

95 100

174 84.6 0.0 165.8

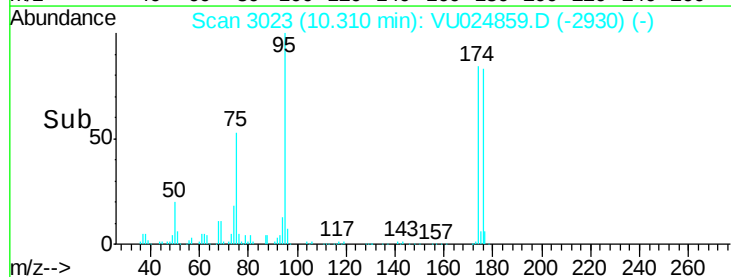
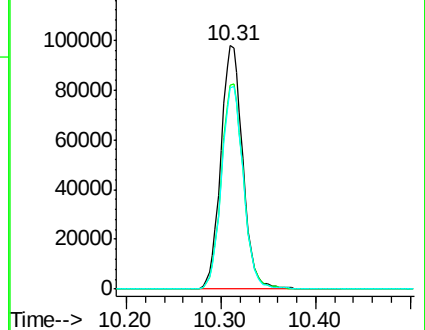
176 83.0 0.0 159.4

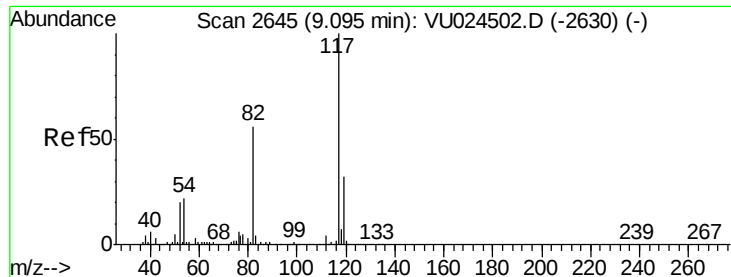


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

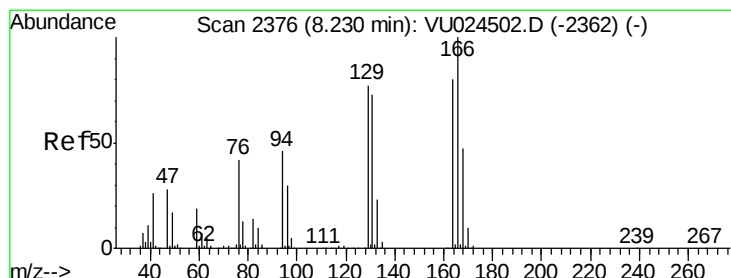
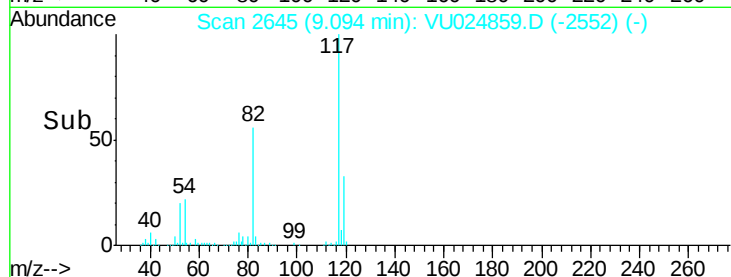
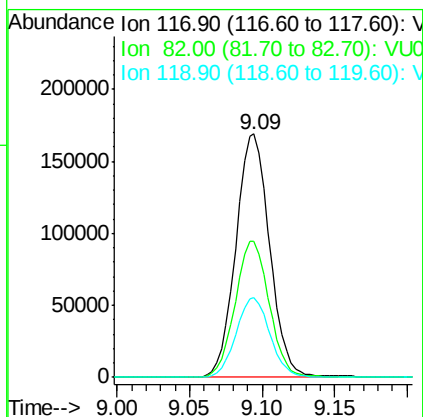
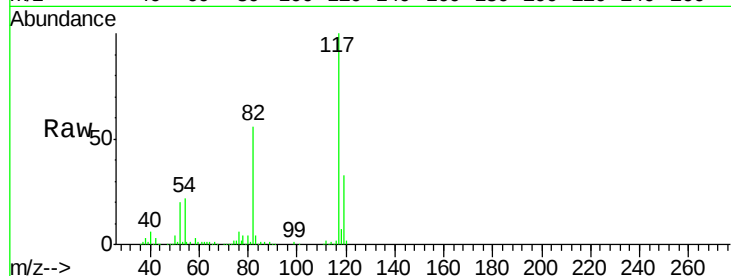




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. -0.00 min
Lab File: VU024859.D
Acq: 23 Jun 2018 02:18

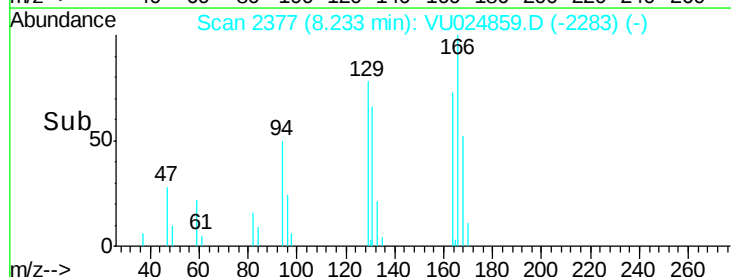
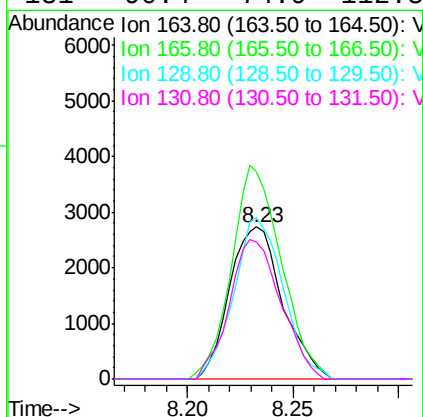
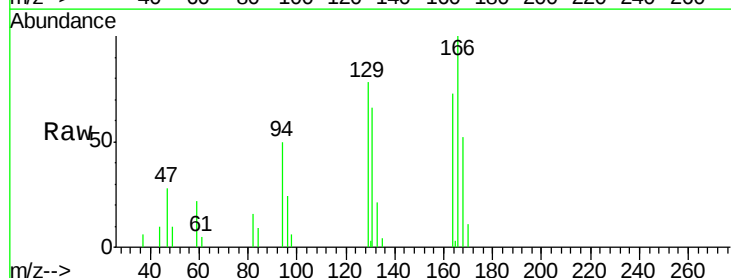
Instrument :
MSVOA_U
ClientSampleId :

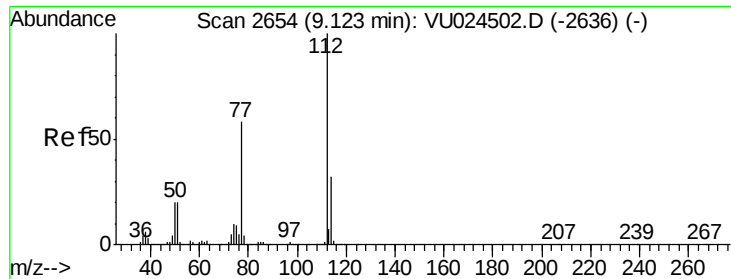
Tot Ion:117 Resp: 273542
Ion Ratio Lower Upper
117 100
82 55.8 44.3 66.5
119 32.6 25.4 38.2



#64
Tetrachloroethene
Concen: 1.84 ug/l
RT: 8.23 min Scan# 2377
Delta R.T. 0.00 min
Lab File: VU024859.D
Acq: 23 Jun 2018 02:18

Tgt Ion:164 Resp: 4785
Ion Ratio Lower Upper
164 100
166 136.6 101.7 152.5
129 106.2 76.9 115.3
131 90.4 74.9 112.3





#65

Chlorobenzene

Concen: 22.29 ug/l

RT: 9.12 min Scan# 2654

Delta R.T. -0.00 min

Lab File: VU024859.D

Acq: 23 Jun 2018 02:18

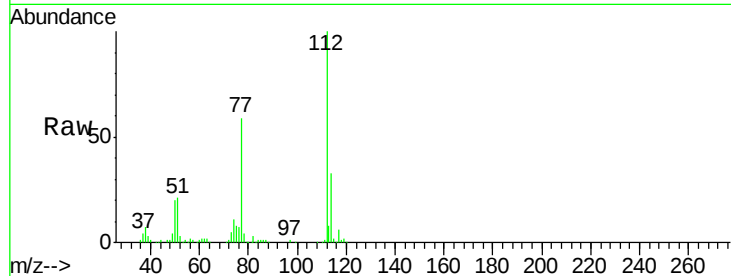
Instrument :
MSVOA_U
ClientSampled :

Tot Ion:112 Resp: 155739

Ion Ratio Lower Upper

112 100

114 33.2 25.6 38.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

9.12

100000

80000

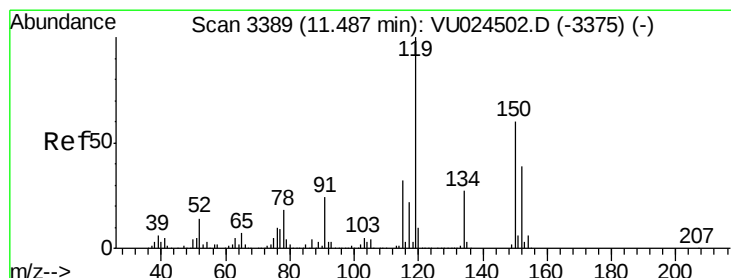
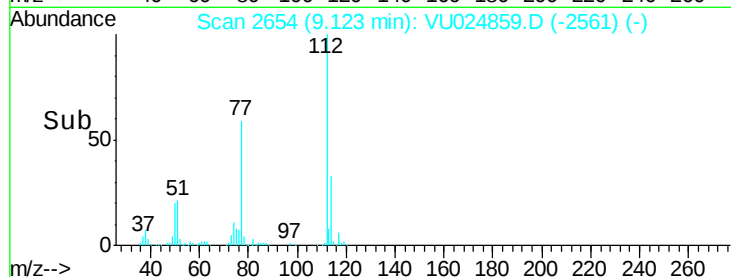
60000

40000

20000

0

Time--> 9.00 9.10 9.20



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VU024859.D

Acq: 23 Jun 2018 02:18

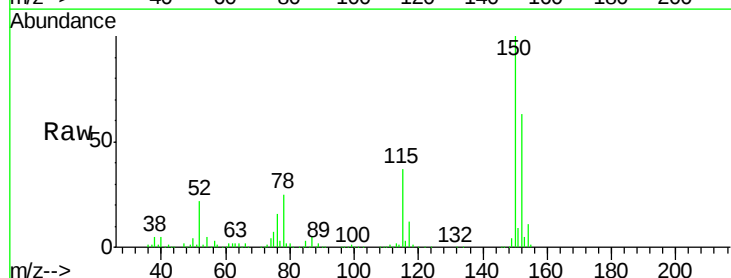
Tgt Ion:152 Resp: 146848

Ion Ratio Lower Upper

152 100

115 58.0 43.0 129.0

150 158.4 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

200000

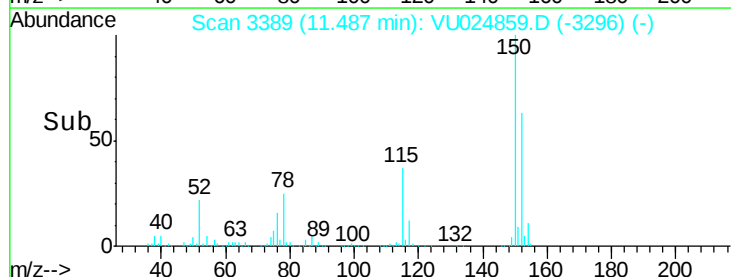
150000

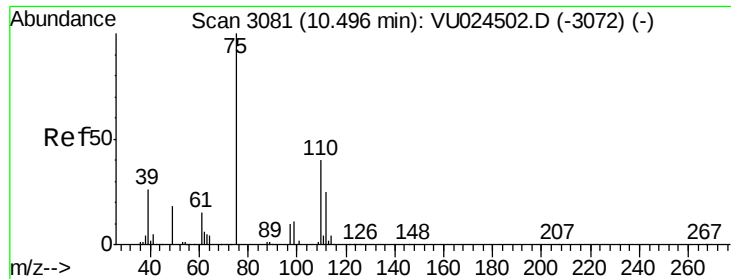
100000

50000

0

Time--> 11.40 11.45 11.50 11.55





#76

1,2,3-Trichloropropane

Concen: 25.50 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.19 min

Lab File: VU024859.D

Acq: 23 Jun 2018 02:18

Instrument :

MSVOA_U

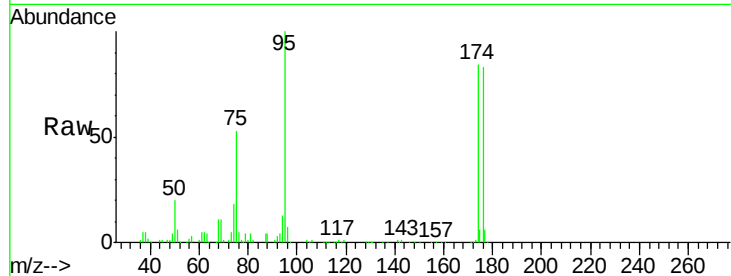
ClientSampleId :

Tot Ion: 75 Resp: 82430

Ion Ratio Lower Upper

75 100

77 0.9 20.9 62.7#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0

10.31

60000

50000

40000

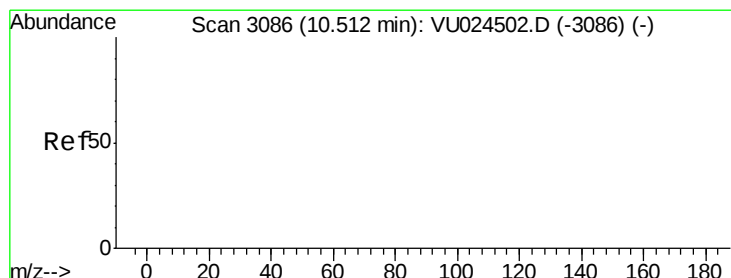
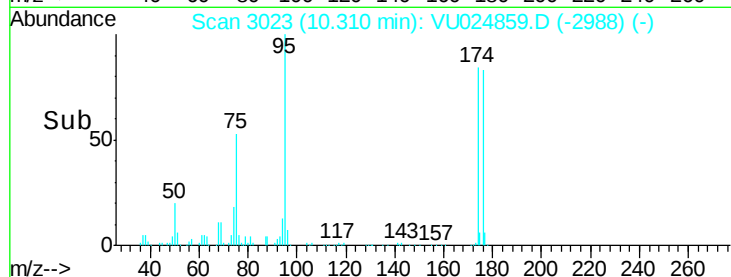
30000

20000

10000

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 59.01 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.20 min

Lab File: VU024859.D

Acq: 23 Jun 2018 02:18

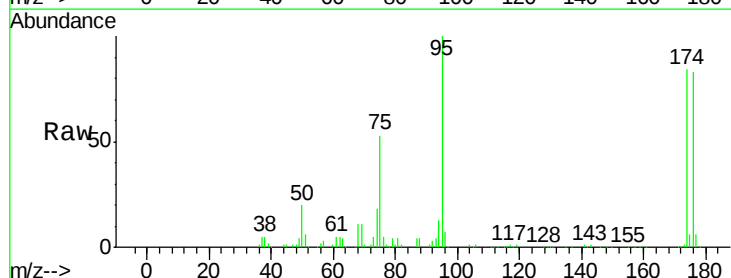
Tgt Ion: 75 Resp: 82430

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

10.31

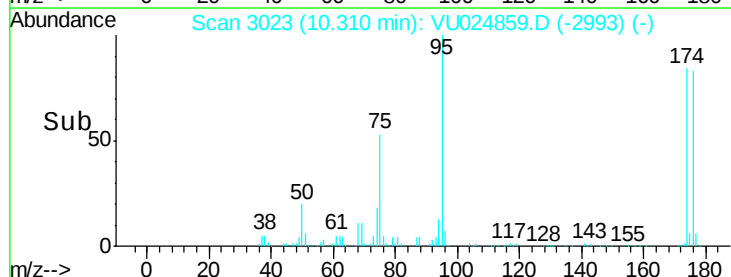
60000

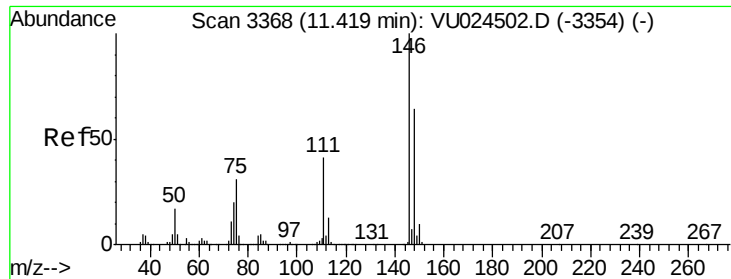
40000

20000

0

Time-->

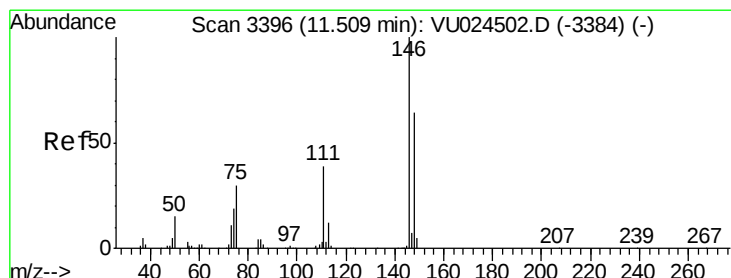
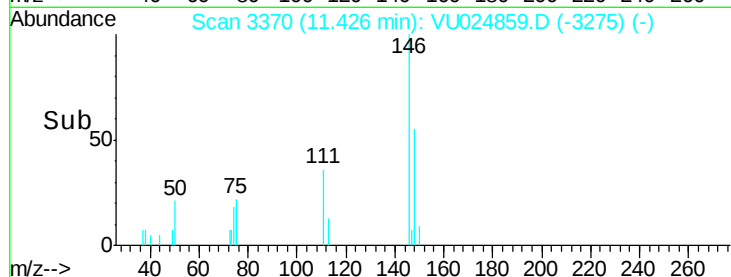
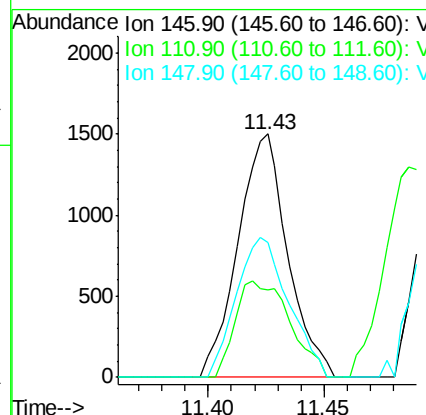
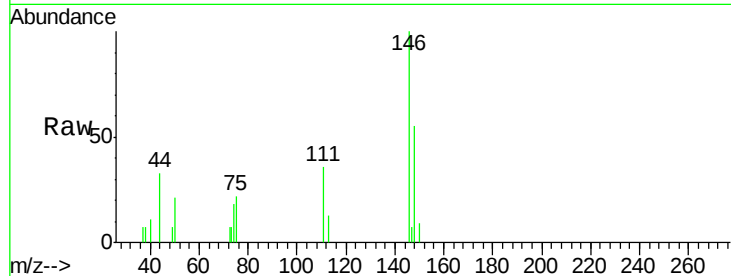




#87
 1,3-Dichlorobenzene
 Concen: 0.43 ug/l
 RT: 11.43 min Scan# 3370
 Delta R.T. 0.01 min
 Lab File: VU024859.D
 Acq: 23 Jun 2018 02:18

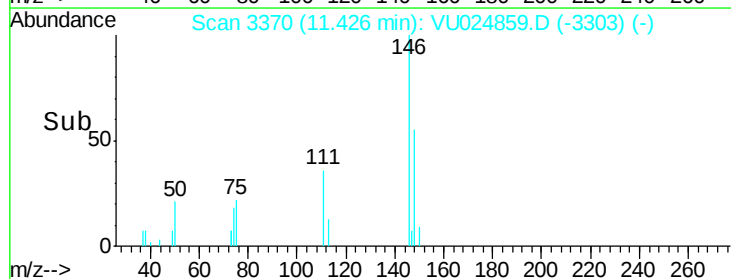
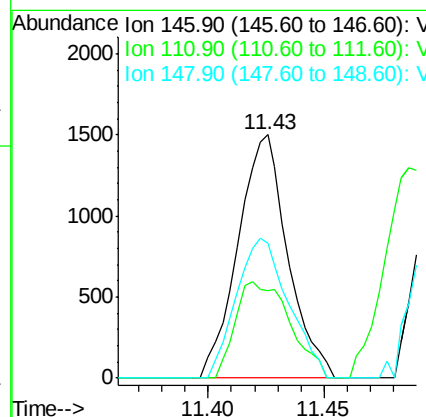
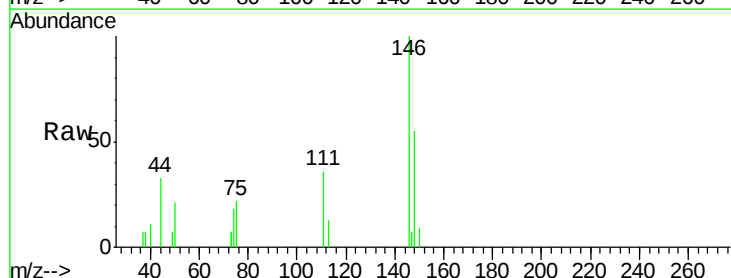
Instrument :
 MSVOA_U
 ClientSampleId :

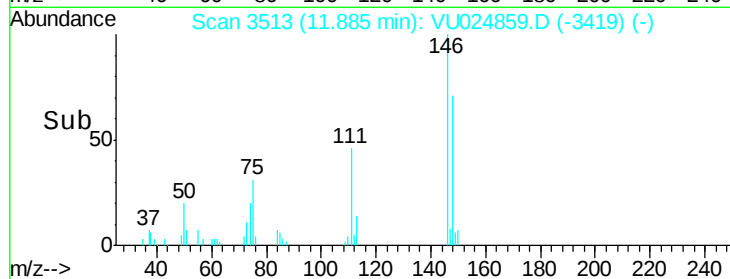
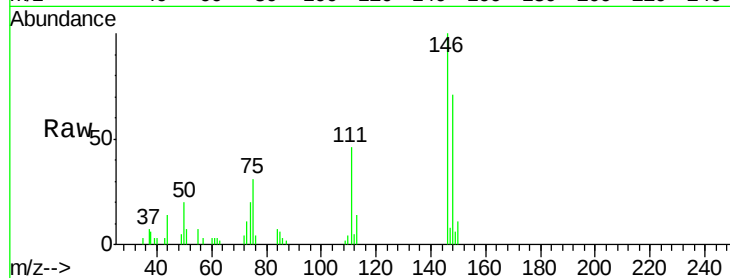
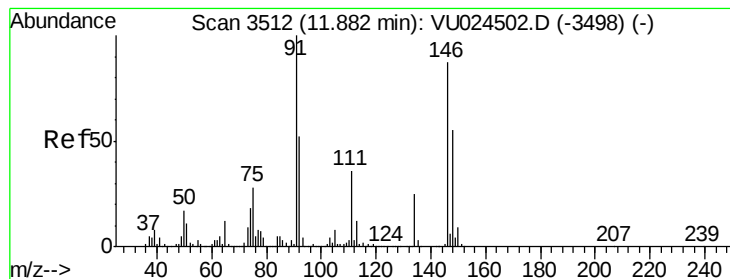
Tot Ion:146 Resp: 2242
 Ion Ratio Lower Upper
 146 100
 111 43.1 20.0 60.0
 148 60.3 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 0.42 ug/l
 RT: 11.43 min Scan# 3370
 Delta R.T. -0.08 min
 Lab File: VU024859.D
 Acq: 23 Jun 2018 02:18

Tgt Ion:146 Resp: 2242
 Ion Ratio Lower Upper
 146 100
 111 43.1 19.5 58.5
 148 60.3 32.4 97.0





#91

1,2-Dichlorobenzene

Concen: 1.46 ug/l

RT: 11.89 min Scan# 3513

Delta R.T. 0.00 min

Lab File: VU024859.D

Acq: 23 Jun 2018 02:18

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion:146 Resp: 7732

Ion Ratio Lower Upper

146 100

111 42.9 20.5 61.6

148 70.4 31.9 95.7

