

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070518\
 Data File : VU025223.D
 Acq On : 05 Jul 2018 18:16
 Operator : MD/SY
 Sample : J3840-09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TP-6-D

Quant Time: Jul 06 05:16:08 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	210072	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	319318	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	292116	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	153800	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	159042	46.38	ug/l	0.00
Spiked Amount			Recovery	=	92.76%	
35) Dibromofluoromethane	4.89	113	124745	47.07	ug/l	0.00
Spiked Amount			Recovery	=	94.14%	
50) Toluene-d8	7.57	98	453797	46.95	ug/l	0.00
Spiked Amount			Recovery	=	93.90%	
62) 4-Bromofluorobenzene	10.31	95	166457	43.37	ug/l	0.00
Spiked Amount			Recovery	=	86.74%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	911	0.34	ug/l	92
4) Vinyl Chloride	1.40	62	13443	4.85	ug/l	96
6) Chloroethane	1.71	64	286	Below Cal	#	43
11) Tert butyl alcohol	2.82	59	4879	5.85	ug/l	# 77
13) Acrolein	2.19	56	212	0.48	ug/l	95
16) Acetone	2.32	43	11699	6.35	ug/l	94
18) Methyl Acetate	2.62	43	17583	4.45	ug/l	97
20) Methylene Chloride	2.71	84	22925	7.93	ug/l	96
25) 2-Butanone	4.28	43	8024	3.24	ug/l	98
27) cis-1,2-Dichloroethene	4.23	96	81908	27.04	ug/l	89
29) Tetrahydrofuran	4.65	42	733	0.48	ug/l	# 42
30) Chloroform	4.68	83	3127	0.61	ug/l	95
31) Cyclohexane	4.99	56	4272	Below Cal	#	1
36) 1,1-Dichloropropene	4.99	75	15939	4.25	ug/l	# 51
37) Ethyl Acetate	4.28	43	8024	1.96	ug/l	# 70
38) Carbon Tetrachloride	4.99	117	20891	5.06	ug/l	# 16
43) Isopropyl Acetate	5.81	43	43046	6.09	ug/l	# 62
44) Trichloroethene	6.19	130	48758	16.02	ug/l	95
47) Bromodichloromethane	6.76	83	1018	0.26	ug/l	# 92
51) 4-Methyl-2-Pentanone	7.47	43	978	0.22	ug/l	89
59) 2-Hexanone	8.37	43	2951	0.81	ug/l	83
64) Tetrachloroethene	8.24	164	648	0.23	ug/l	# 69
65) Chlorobenzene	9.12	112	6958	0.93	ug/l	96
67) Ethyl Benzene	9.26	91	2672	0.20	ug/l	# 76
68) m/p-Xylenes	9.38	106	1703	0.34	ug/l	90
69) o-Xylene	9.79	106	1305	0.26	ug/l	93
76) 1,2,3-Trichloropropane	10.31	75	87735	25.91	ug/l	# 35
78) n-propylbenzene	10.60	91	2996	0.22	ug/l	95
80) 1,3,5-Trimethylbenzene	10.78	105	2268	0.22	ug/l	90
81) trans-1,4-Dichloro-2-buten	10.31	75	87735	59.97	ug/l	# 100
84) 1,2,4-Trimethylbenzene	11.15	105	6432	0.62	ug/l	94
88) 1,4-Dichlorobenzene	11.51	146	1435	0.26	ug/l	# 1
90) Hexachloroethane	12.25	117	1627	0.76	ug/l	# 8
91) 1,2-Dichlorobenzene	11.89	146	6547	1.18	ug/l	92

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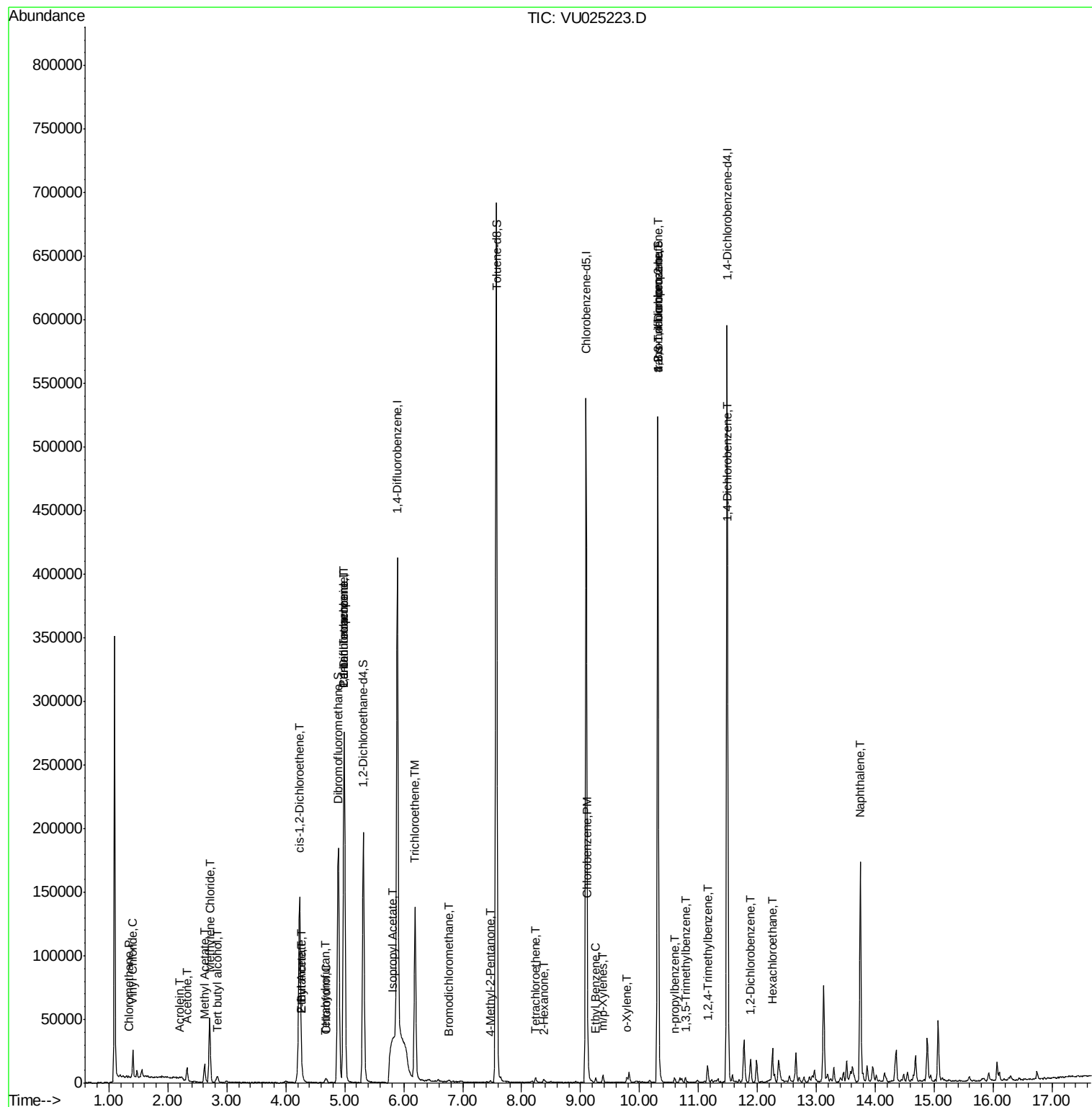
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	13.75	128	136799	12.61	ug/l	99

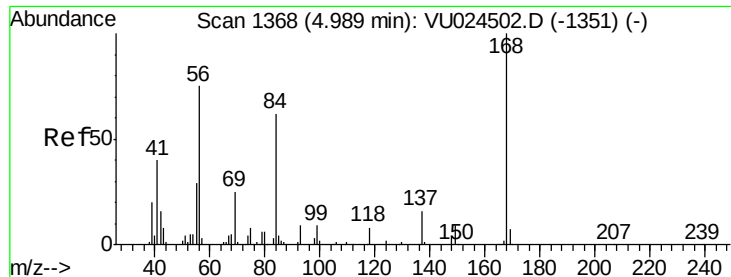
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU025223.D

Acq: 05 Jul 2018 18:16

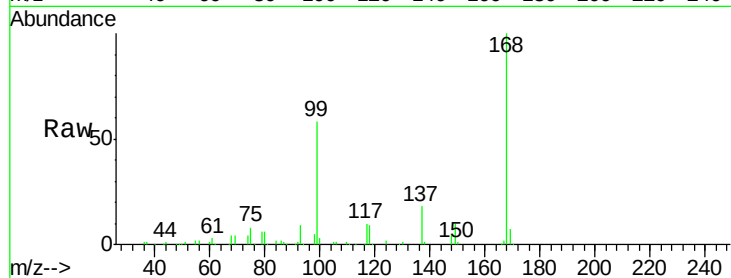
Instrument :
MSVOA_U
ClientSampleId :
TP-6-D

Tot Ion:168 Resp: 210072

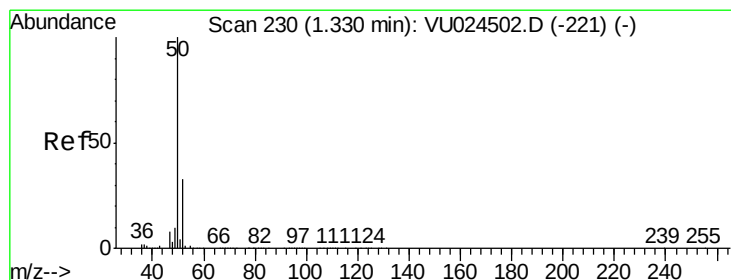
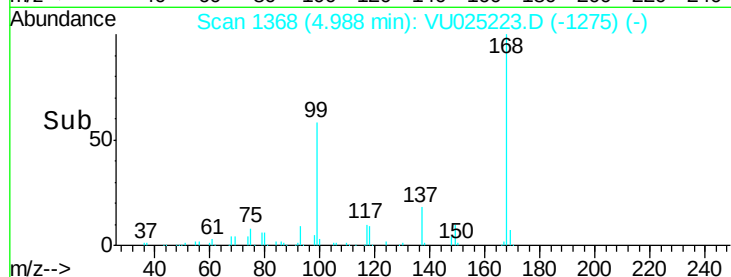
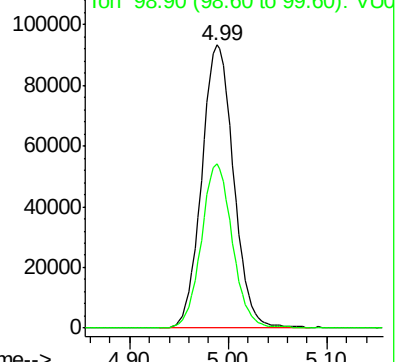
Ion Ratio Lower Upper

168 100

99 58.2 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU025223.D (-1275) (-)



#3

Chloromethane

Concen: 0.34 ug/l

RT: 1.33 min Scan# 230

Delta R.T. -0.00 min

Lab File: VU025223.D

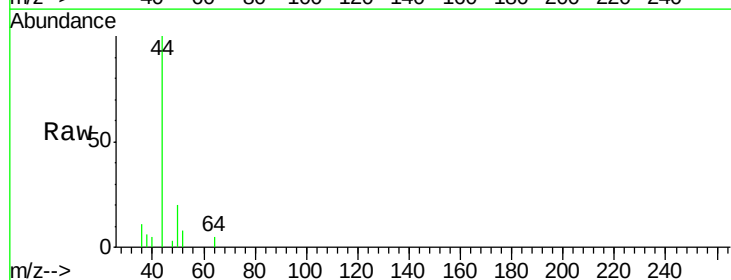
Acq: 05 Jul 2018 18:16

Tgt Ion: 50 Resp: 911

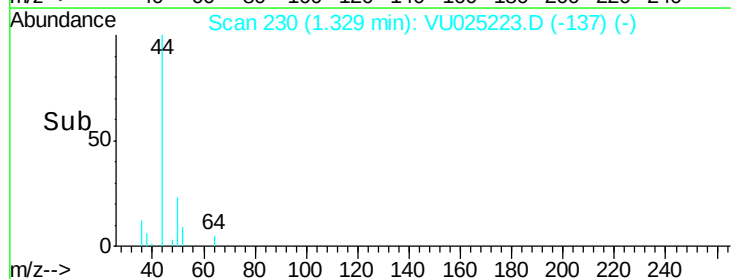
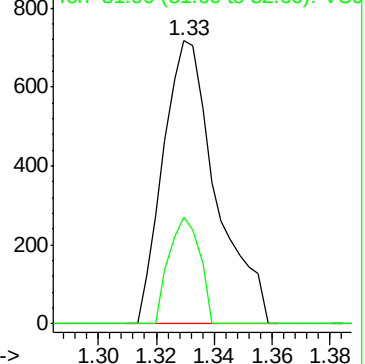
Ion Ratio Lower Upper

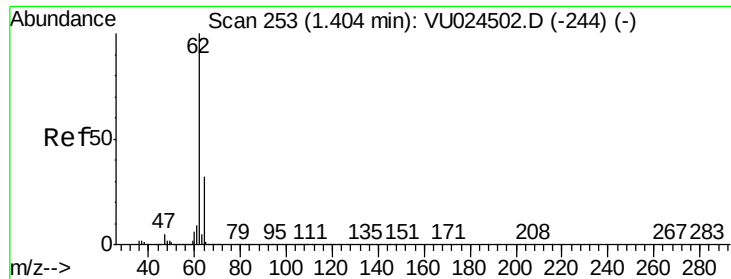
50 100

52 37.7 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VU025223.D (-137) (-)





#4

Vinyl Chloride

Concen: 4.85 ug/l

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU025223.D

Acq: 05 Jul 2018 18:16

Instrument :

MSVOA_U

ClientSampleId :

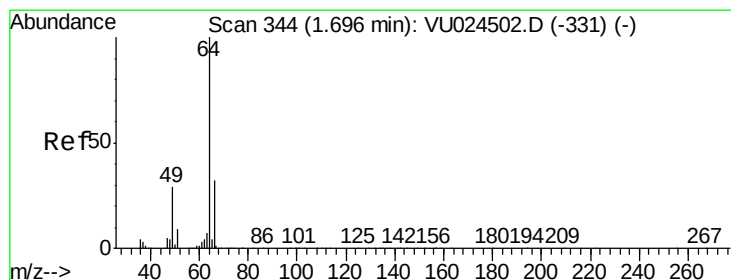
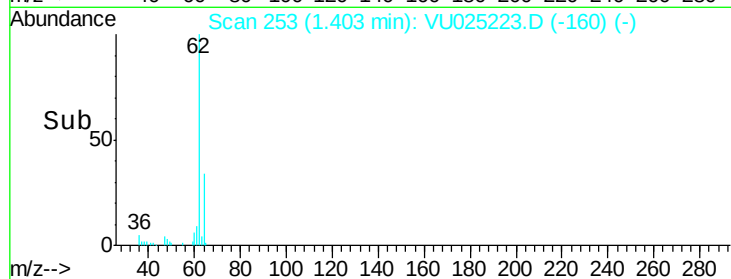
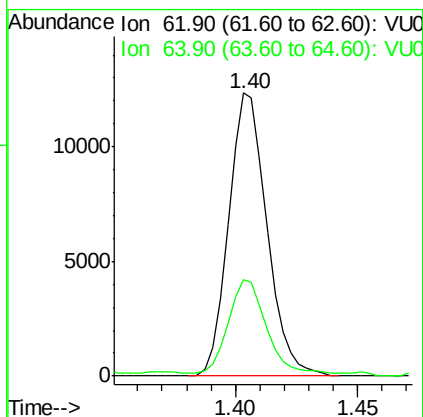
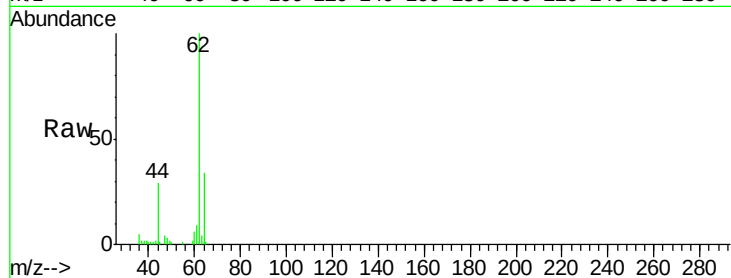
TP-6-D

Tot Ion: 62 Resp: 13443

Ion Ratio Lower Upper

62 100

64 33.4 24.8 37.2



#6

Chloroethane

Concen: Below Cal

RT: 1.71 min Scan# 348

Delta R.T. 0.01 min

Lab File: VU025223.D

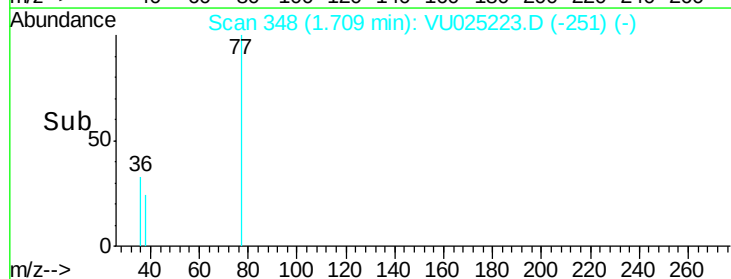
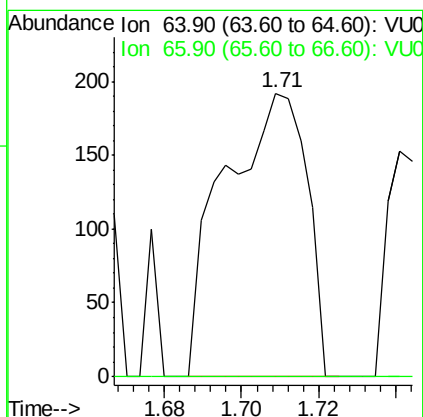
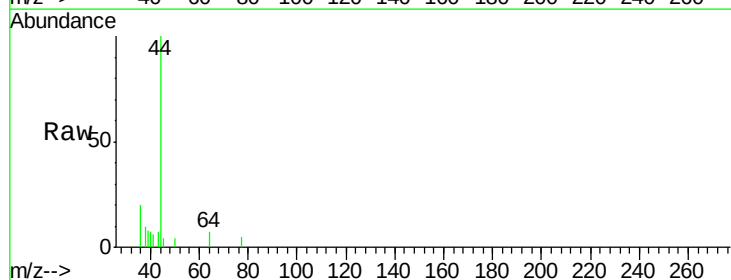
Acq: 05 Jul 2018 18:16

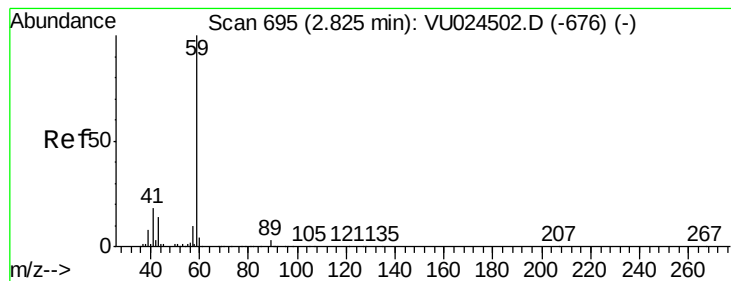
Tgt Ion: 64 Resp: 286

Ion Ratio Lower Upper

64 100

66 0.0 25.5 38.3#





#11

Tert butyl alcohol

Concen: 5.85 ug/l

RT: 2.82 min Scan# 695

Delta R.T. -0.00 min

Lab File: VU025223.D

Acq: 05 Jul 2018 18:16

Instrument :

MSVOA_U

ClientSampleId :

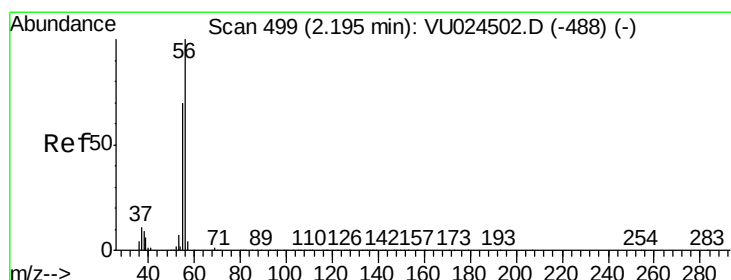
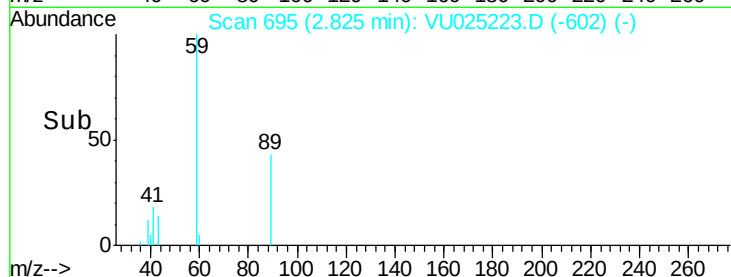
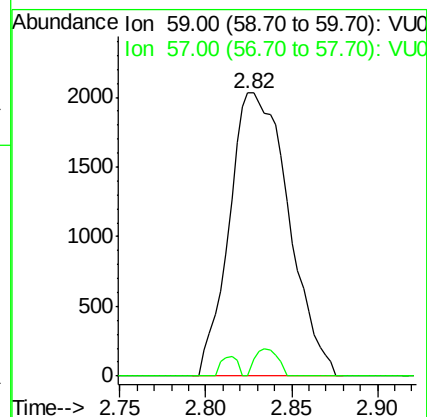
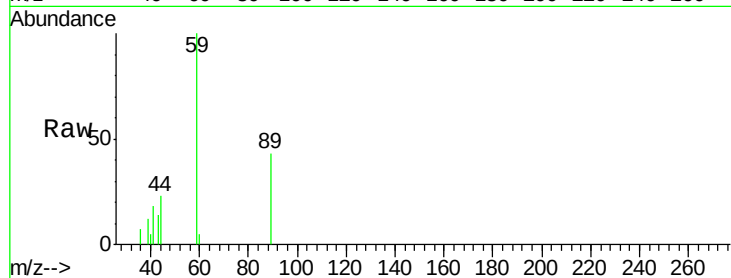
TP-6-D

Tot Ion: 59 Resp: 4879

Ion Ratio Lower Upper

59 100

57 1.9 8.5 12.7#



#13

Acrolein

Concen: 0.48 ug/l

RT: 2.19 min Scan# 498

Delta R.T. -0.00 min

Lab File: VU025223.D

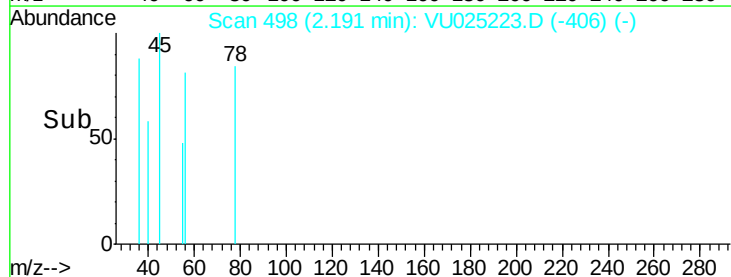
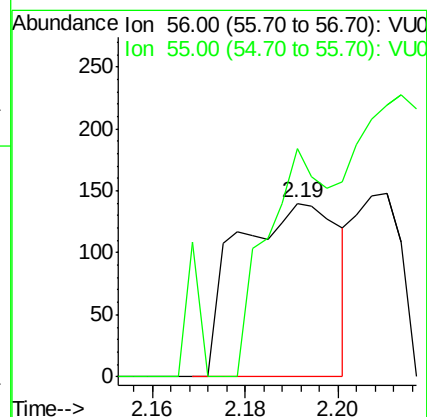
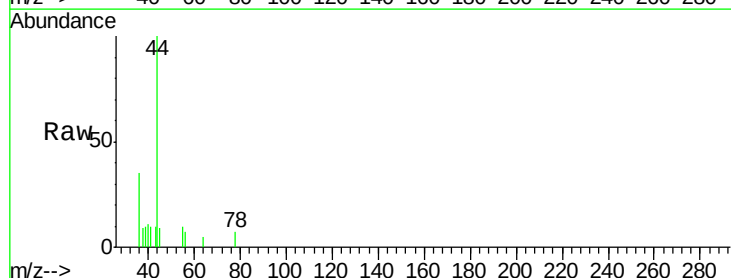
Acq: 05 Jul 2018 18:16

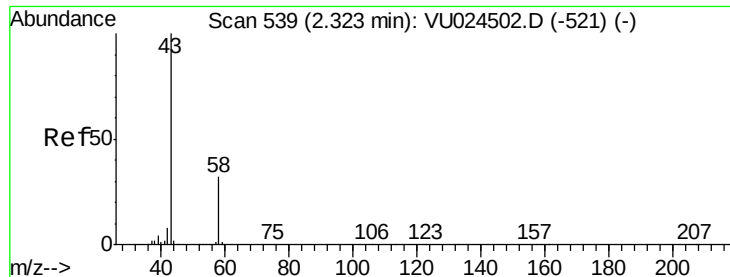
Tgt Ion: 56 Resp: 212

Ion Ratio Lower Upper

56 100

55 77.4 58.4 87.6





#16

Acetone

Concen: 6.35 ug/l

RT: 2.32 min Scan# 539

Delta R.T. -0.00 min

Lab File: VU025223.D

Acq: 05 Jul 2018 18:16

Instrument :

MSVOA_U

ClientSampleId :

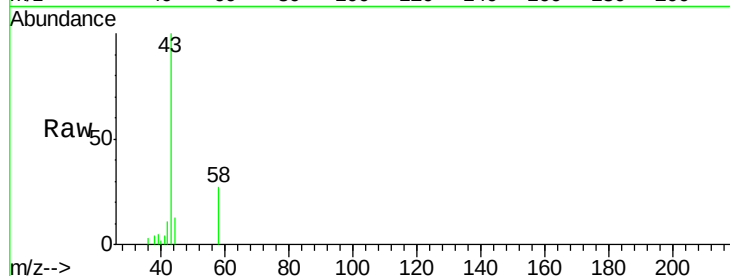
TP-6-D

Tot Ion: 43 Resp: 11699

Ion Ratio Lower Upper

43 100

58 27.2 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2.32

8000

6000

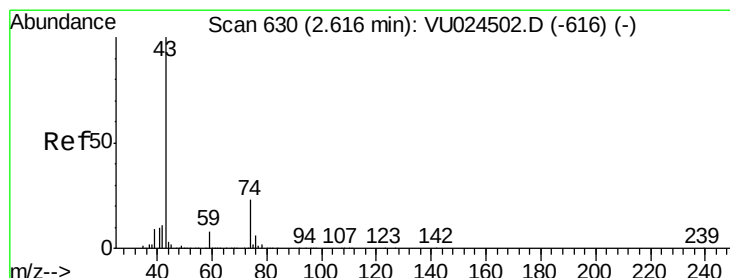
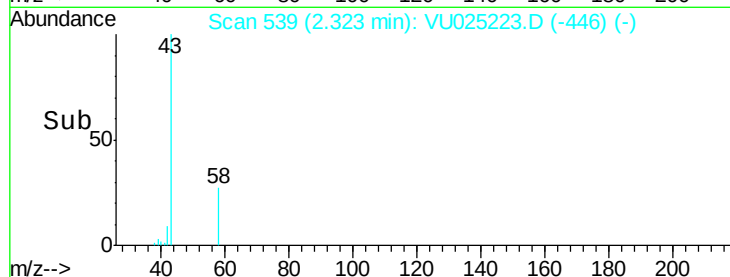
4000

2000

0

Time-->

2.25 2.30 2.35 2.40



#18

Methyl Acetate

Concen: 4.45 ug/l

RT: 2.62 min Scan# 631

Delta R.T. 0.00 min

Lab File: VU025223.D

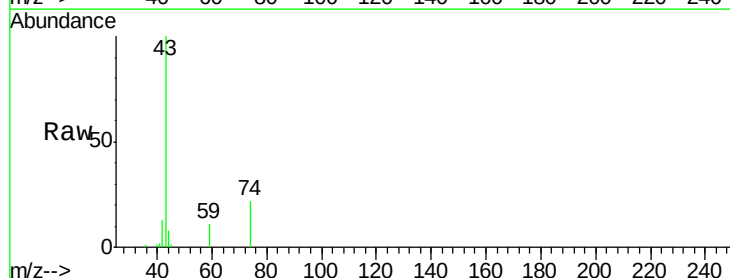
Acq: 05 Jul 2018 18:16

Tgt Ion: 43 Resp: 17583

Ion Ratio Lower Upper

43 100

74 21.1 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0

2.62

10000

8000

6000

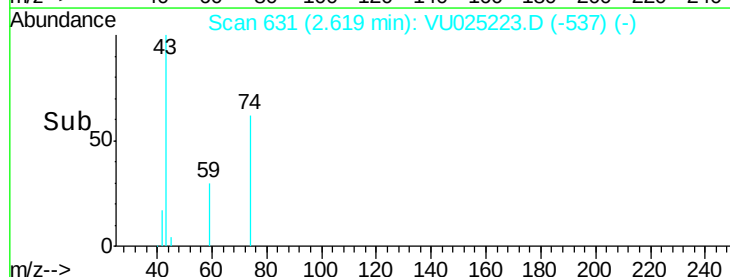
4000

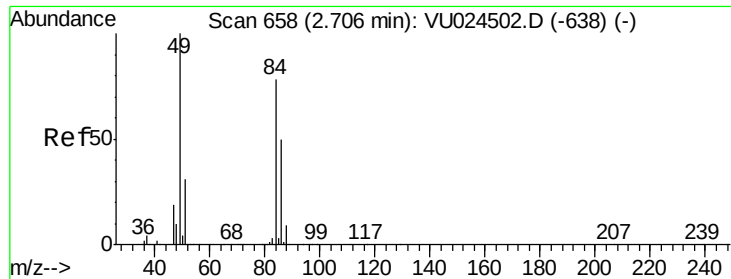
2000

0

Time-->

2.55 2.60 2.65 2.70

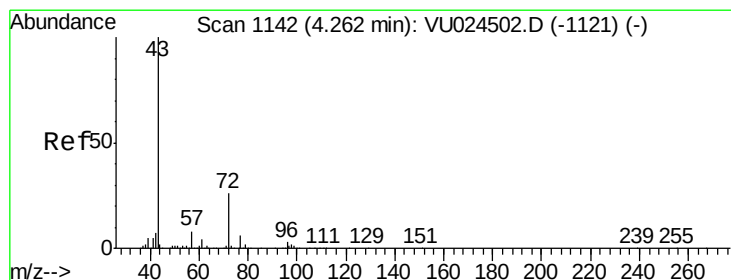
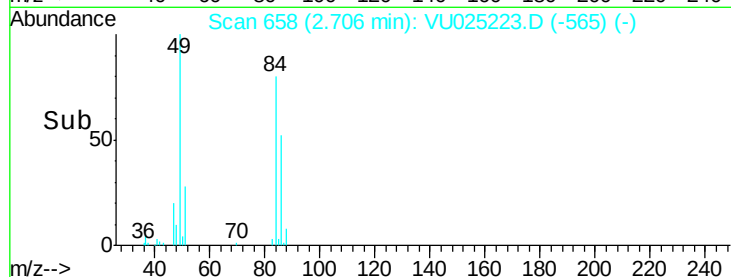
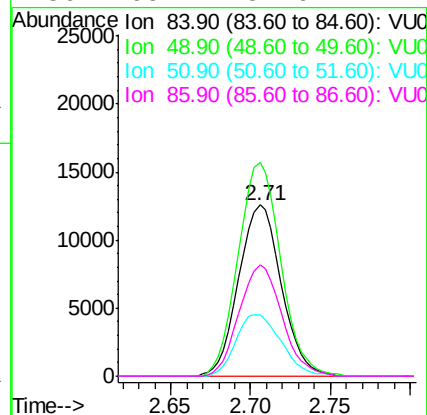
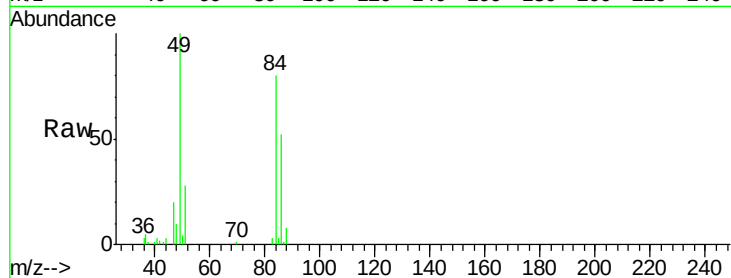




#20
Methylene Chloride
Concen: 7.93 ug/l
RT: 2.71 min Scan# 658
Delta R.T. -0.00 min
Lab File: VU025223.D
Acq: 05 Jul 2018 18:16

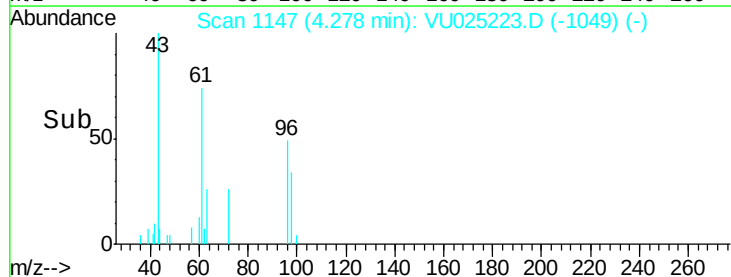
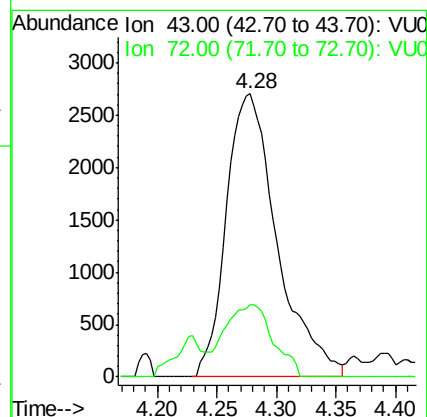
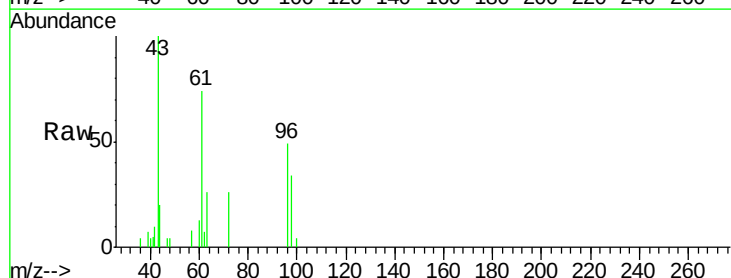
Instrument :
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TP-6-D

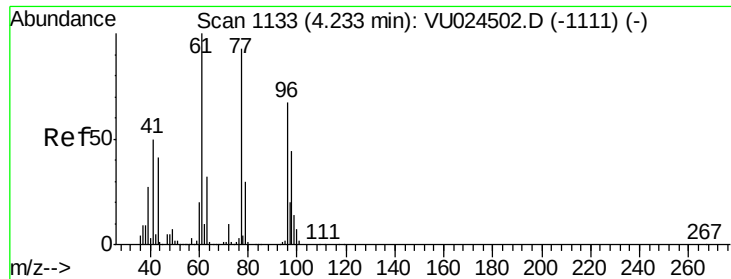
Tot Ion:	84	Resp:	22925
Ion	Ratio	Lower	Upper
84	100		
49	124.7	103.8	155.8
51	35.5	32.0	48.0
86	65.1	51.6	77.4



#25
2-Butanone
Concen: 3.24 ug/l
RT: 4.28 min Scan# 1147
Delta R.T. 0.02 min
Lab File: VU025223.D
Acq: 05 Jul 2018 18:16

Tgt Ion:	43	Resp:	8024
Ion	Ratio	Lower	Upper
43	100		
72	25.6	19.6	29.4





#27

cis-1,2-Dichloroethene

Concen: 27.04 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU025223.D

Acq: 05 Jul 2018 18:16

Instrument :

MSVOA_U

ClientSampled :

TP-6-D

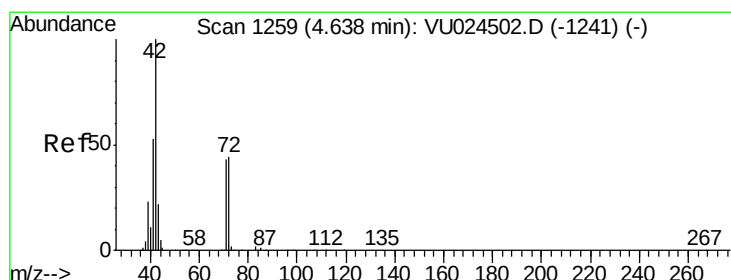
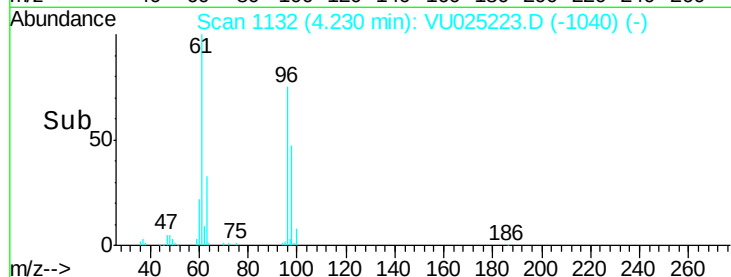
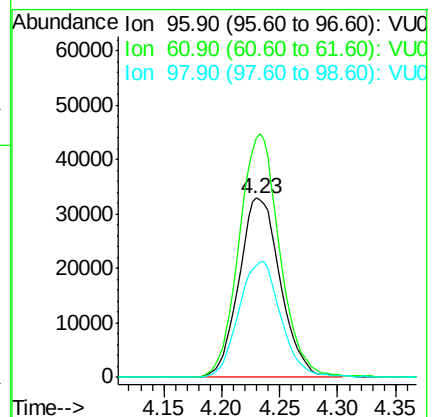
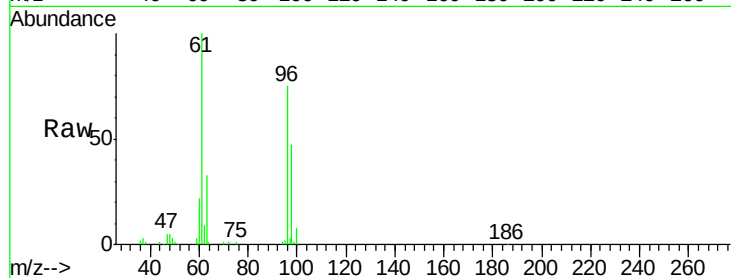
Tot Ion: 96 Resp: 81908

Ion Ratio Lower Upper

96 100

61 133.6 0.0 306.6

98 65.6 0.0 128.8



#29

Tetrahydrofuran

Concen: 0.48 ug/l

RT: 4.65 min Scan# 1264

Delta R.T. 0.02 min

Lab File: VU025223.D

Acq: 05 Jul 2018 18:16

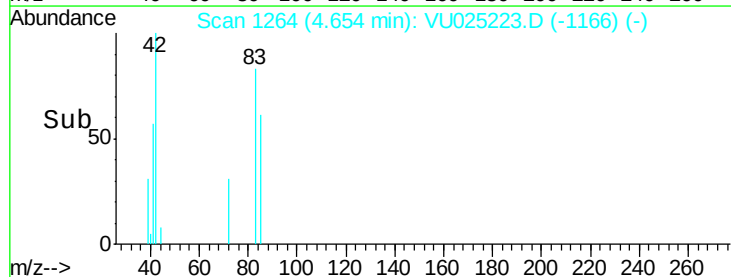
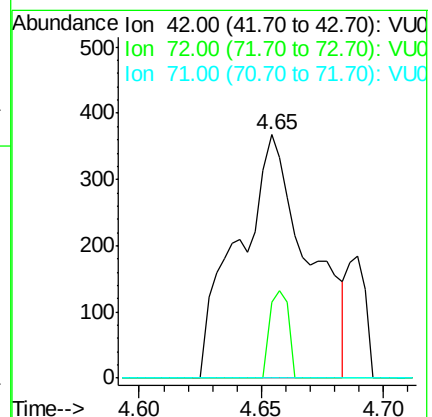
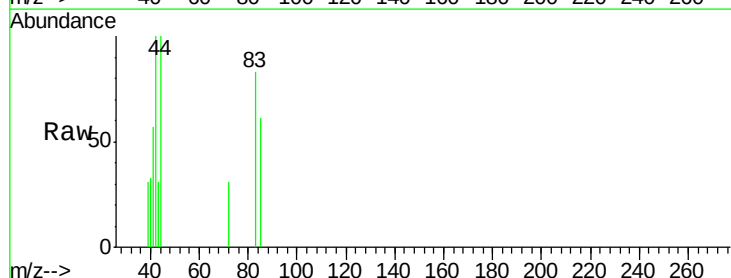
Tgt Ion: 42 Resp: 733

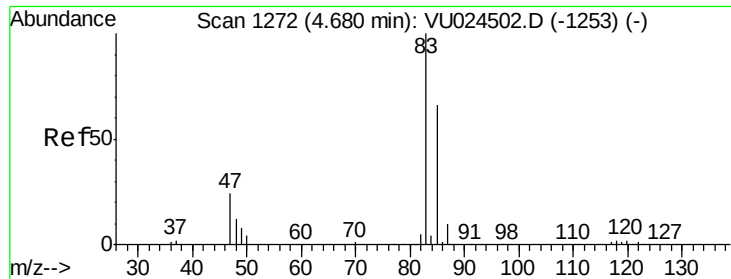
Ion Ratio Lower Upper

42 100

72 9.5 34.5 51.7#

71 0.0 32.2 48.4#

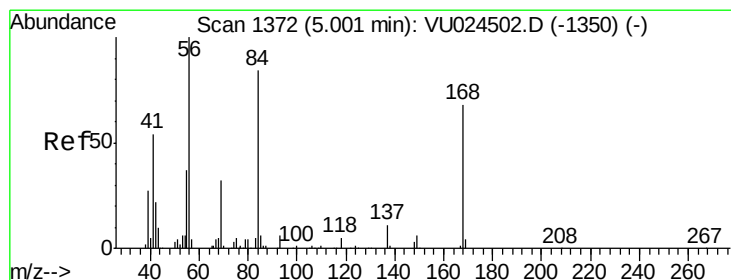
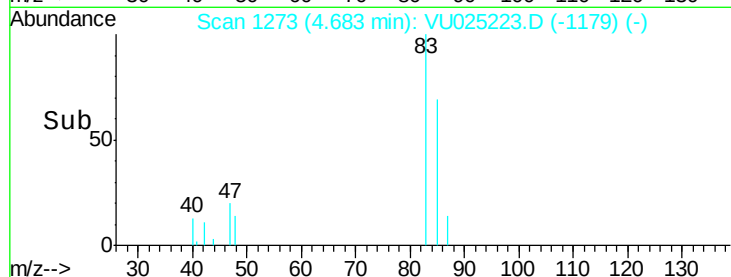
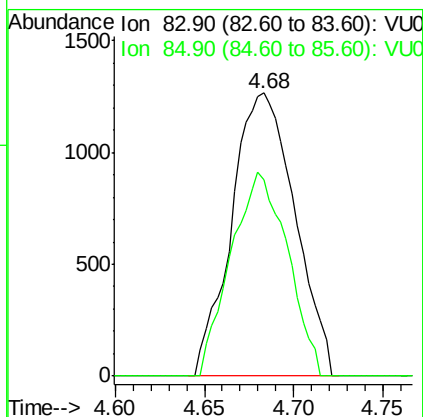
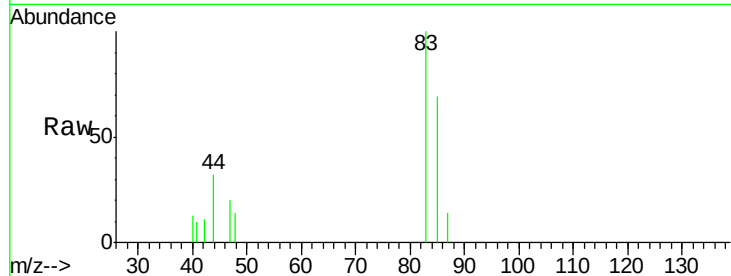




#30
Chloroform
Concen: 0.61 ug/l
RT: 4.68 min Scan# 1273
Delta R.T. 0.00 min
Lab File: VU025223.D
Acq: 05 Jul 2018 18:16

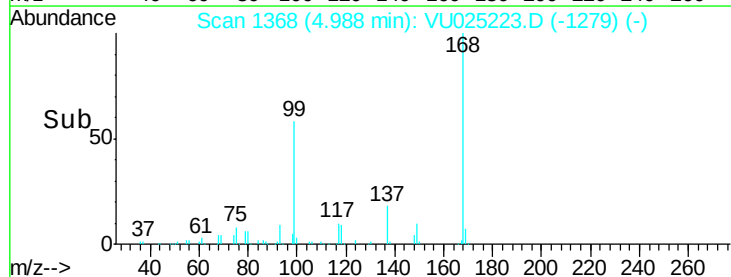
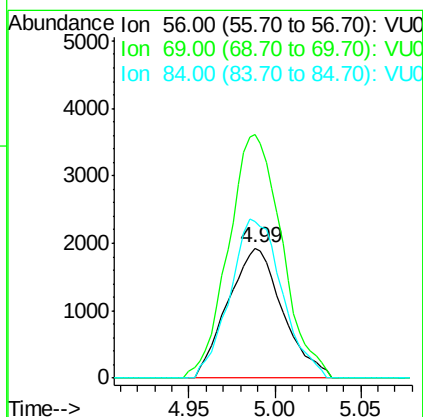
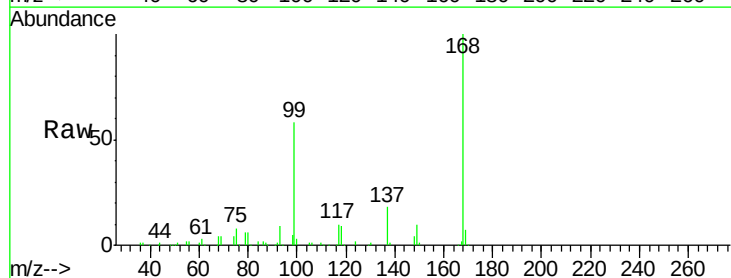
Instrument :
MSVOA_U
ClientSampleId :
TP-6-D

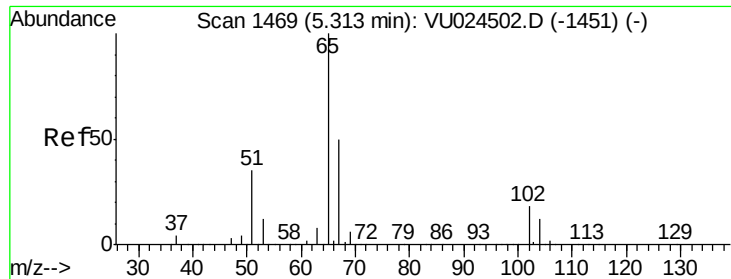
Tot Ion: 83 Resp: 3127
Ion Ratio Lower Upper
83 100
85 69.2 52.4 78.6



#31
Cyclohexane
Concen: Below Cal
RT: 4.99 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VU025223.D
Acq: 05 Jul 2018 18:16

Tgt Ion: 56 Resp: 4272
Ion Ratio Lower Upper
56 100
69 187.5 24.8 37.2#
84 120.5 65.2 97.8#

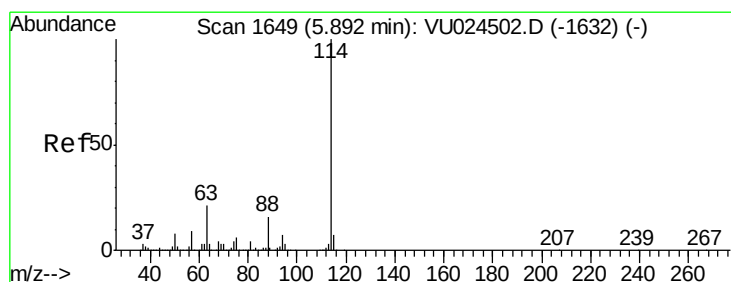
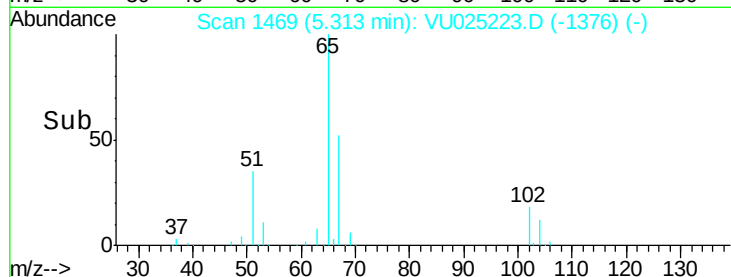
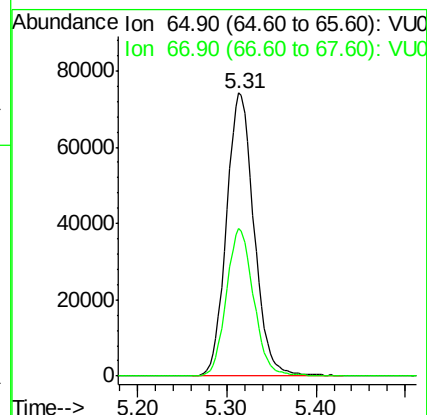
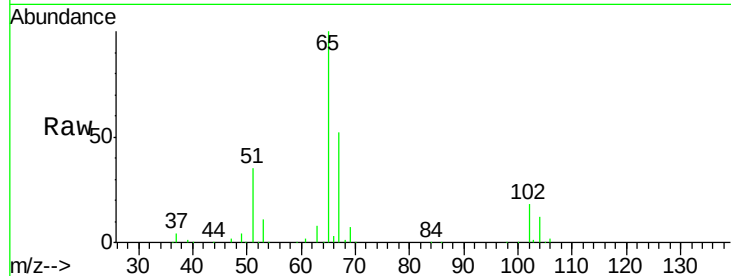




#33
 1,2-Dichloroethane-d4
 Concen: 46.38 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VU025223.D
 Acq: 05 Jul 2018 18:16

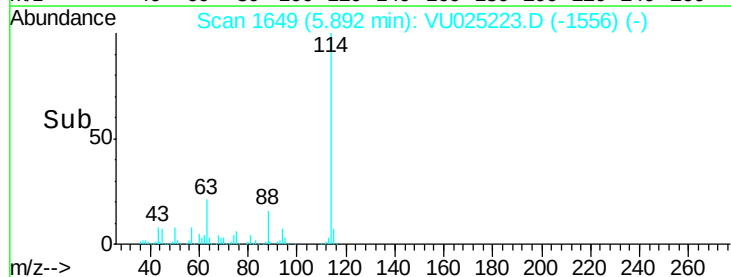
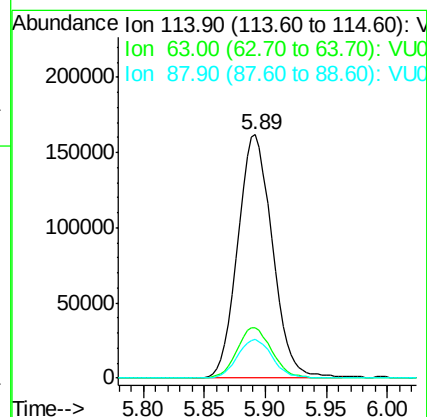
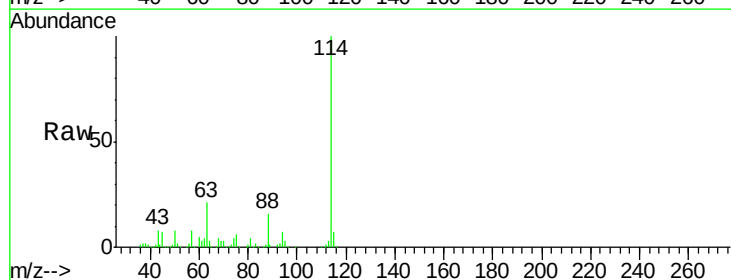
Instrument :
 MSVOA_U
 ClientSampleId :
 TP-6-D

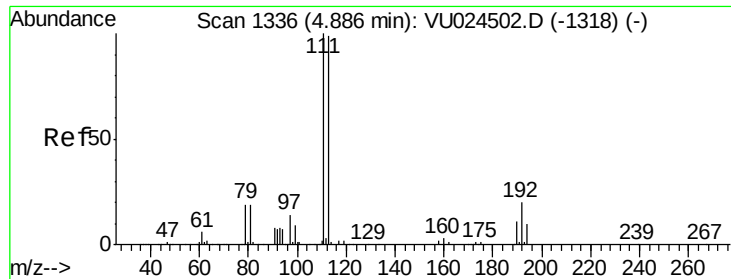
Tot Ion: 65 Resp: 159042
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. -0.00 min
 Lab File: VU025223.D
 Acq: 05 Jul 2018 18:16

Tgt Ion: 114 Resp: 319318
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 45.4
 88 15.7 0.0 31.0





#35

Dibromofluoromethane

Concen: 47.07 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU025223.D

Acq: 05 Jul 2018 18:16

Instrument :

MSVOA_U

ClientSampled :

TP-6-D

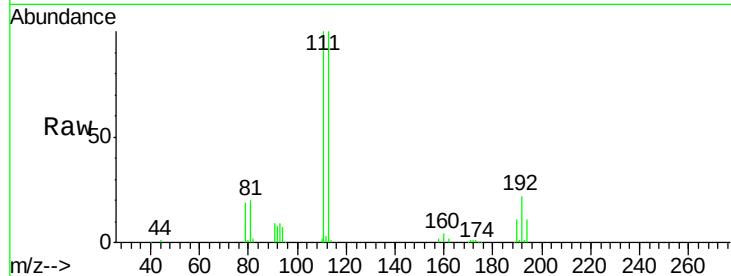
Tot Ion:113 Resp: 124745

Ion Ratio Lower Upper

113 100

111 101.5 82.2 123.4

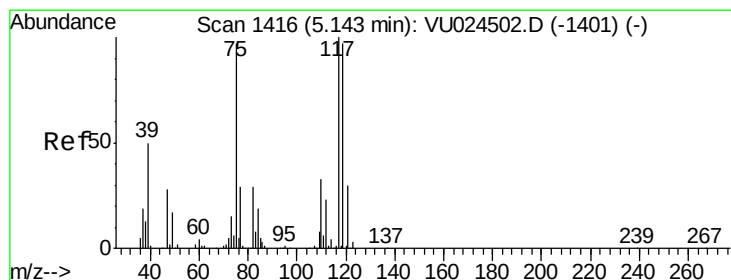
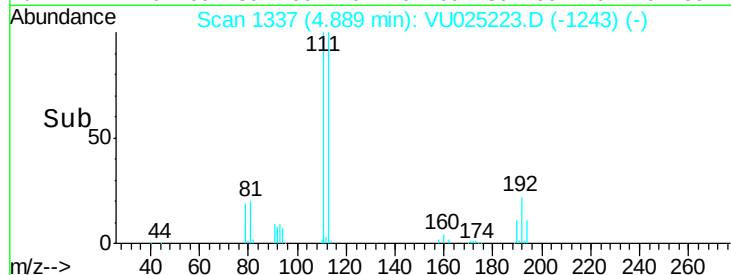
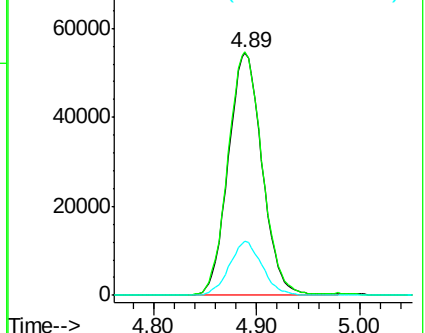
192 21.5 16.2 24.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.25 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.15 min

Lab File: VU025223.D

Acq: 05 Jul 2018 18:16

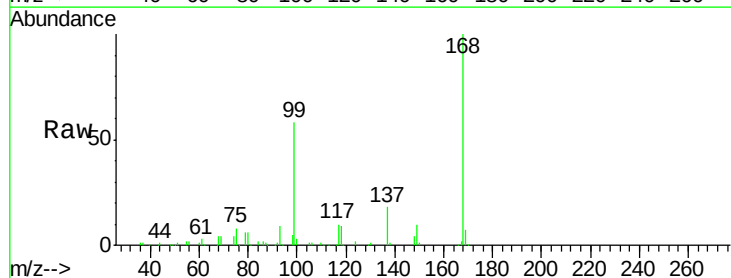
Tgt Ion: 75 Resp: 15939

Ion Ratio Lower Upper

75 100

110 9.2 17.0 50.9#

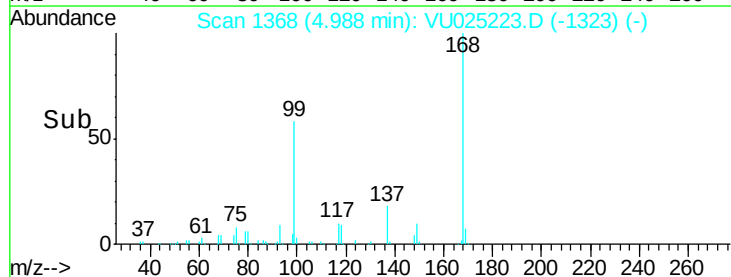
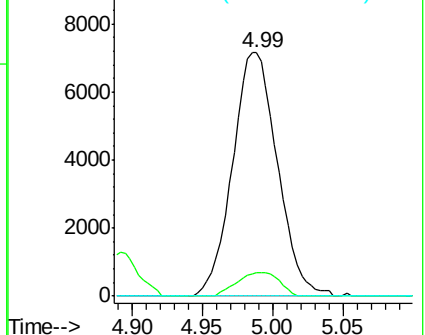
77 0.0 24.2 36.4#

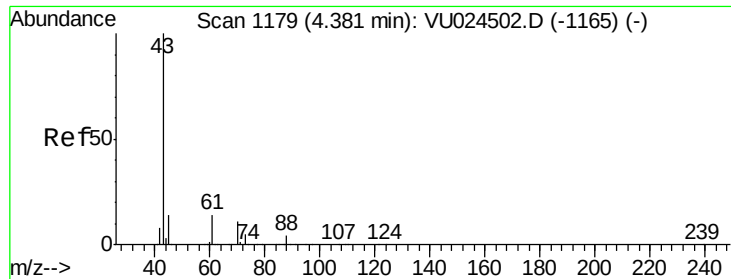


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0

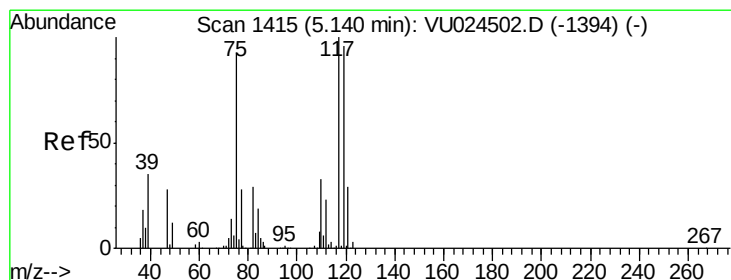
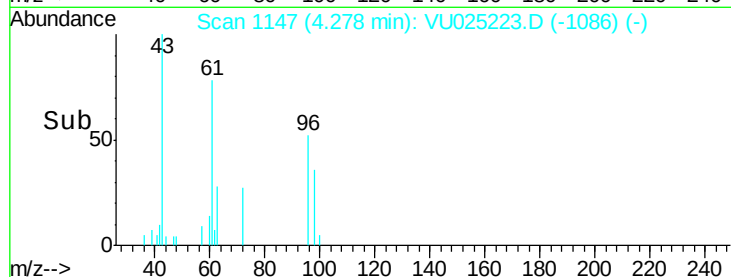
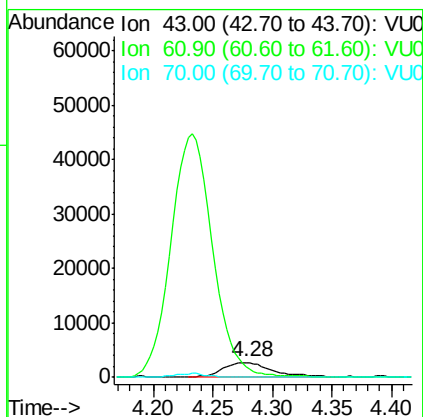
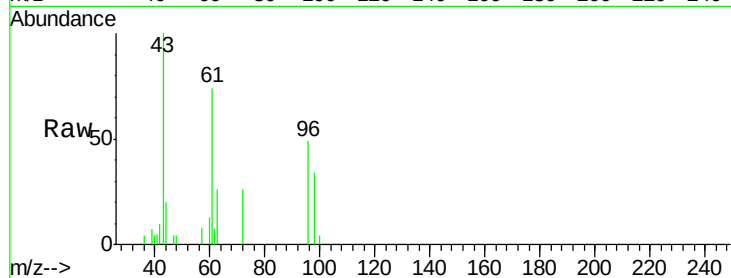




#37
Ethyl Acetate
Concen: 1.96 ug/l
RT: 4.28 min Scan# 1147
Delta R.T. -0.10 min
Lab File: VU025223.D
Acq: 05 Jul 2018 18:16

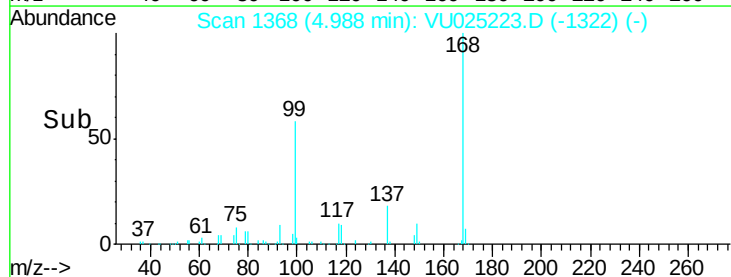
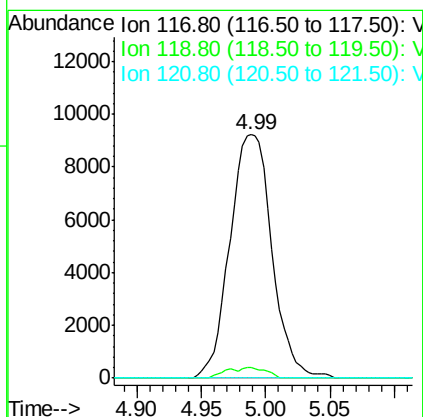
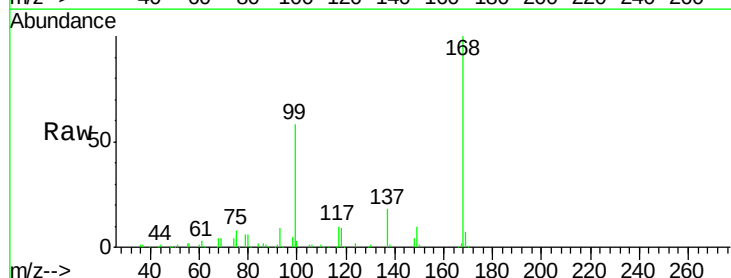
Instrument :
MSVOA_U
ClientSampled :
TP-6-D

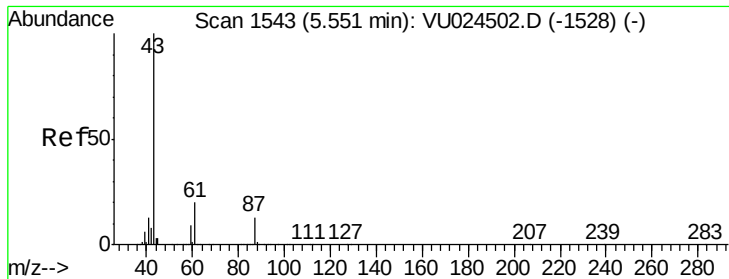
Tot Ion: 43 Resp: 8024
Ion Ratio Lower Upper
43 100
61 0.0 10.5 15.7#
70 0.0 7.4 11.2#



#38
Carbon Tetrachloride
Concen: 5.06 ug/l
RT: 4.99 min Scan# 1368
Delta R.T. -0.15 min
Lab File: VU025223.D
Acq: 05 Jul 2018 18:16

Tgt Ion: 117 Resp: 20891
Ion Ratio Lower Upper
117 100
119 4.3 76.1 114.1#
121 0.0 23.7 35.5#





#43

Isopropyl Acetate

Concen: 6.09 ug/l

RT: 5.81 min Scan# 1624

Delta R.T. 0.26 min

Lab File: VU025223.D

Acq: 05 Jul 2018 18:16

Instrument :

MSVOA_U

ClientSampleId :

TP-6-D

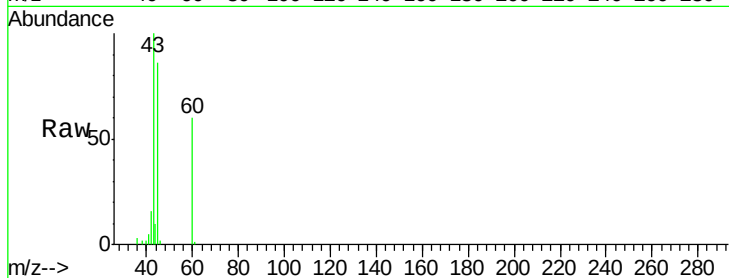
Tot Ion: 43 Resp: 43046

Ion Ratio Lower Upper

43 100

61 0.0 15.4 23.0#

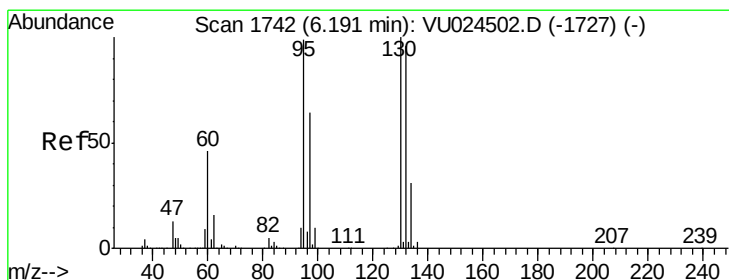
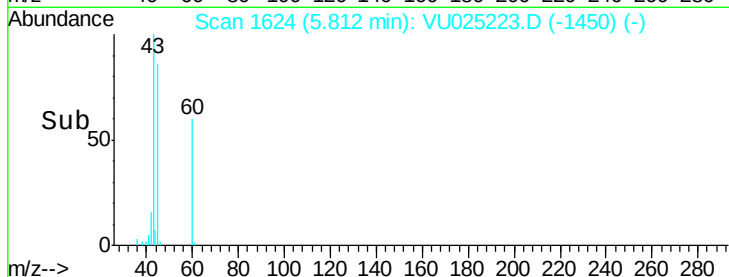
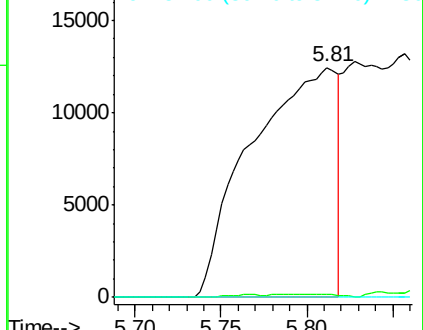
87 0.0 10.0 15.0#



Abundance Ion 43.00 (42.70 to 43.70): VU024502.D (-1528) (-)

Ion 61.00 (60.70 to 61.70): VU024502.D (-1528) (-)

Ion 87.00 (86.70 to 87.70): VU024502.D (-1528) (-)



#44

Trichloroethene

Concen: 16.02 ug/l

RT: 6.19 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VU025223.D

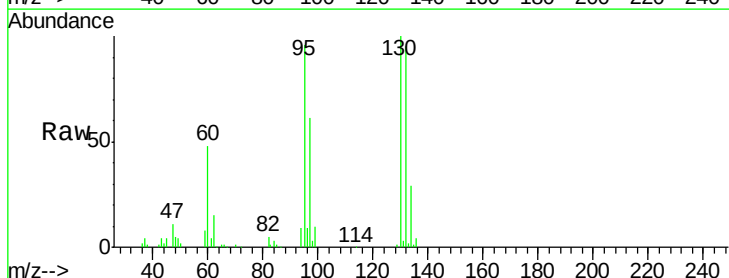
Acq: 05 Jul 2018 18:16

Tgt Ion: 130 Resp: 48758

Ion Ratio Lower Upper

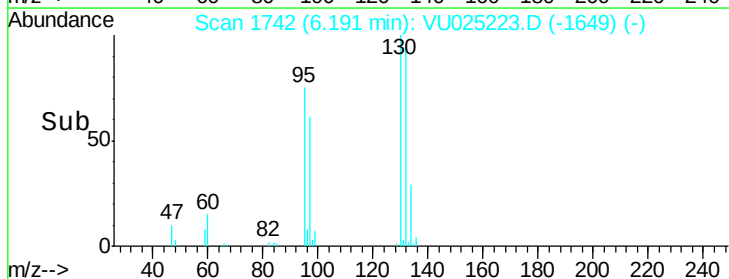
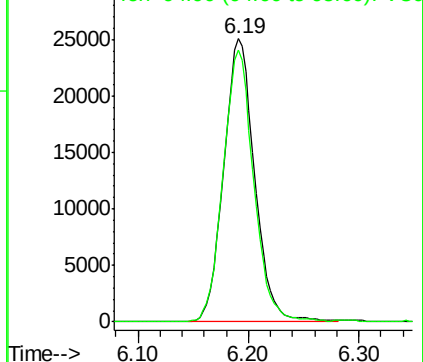
130 100

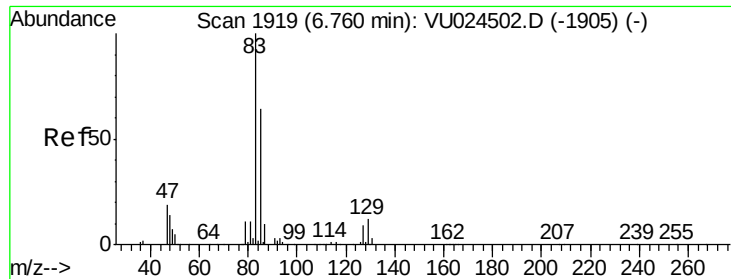
95 95.8 0.0 202.4



Abundance Ion 129.80 (129.50 to 130.50): VU024502.D (-1727) (-)

Ion 94.90 (94.60 to 95.60): VU024502.D (-1727) (-)





#47

Bromodichloromethane

Concen: 0.26 ug/l

RT: 6.76 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VU025223.D

Acq: 05 Jul 2018 18:16

Instrument :

MSVOA_U

ClientSampleId :

TP-6-D

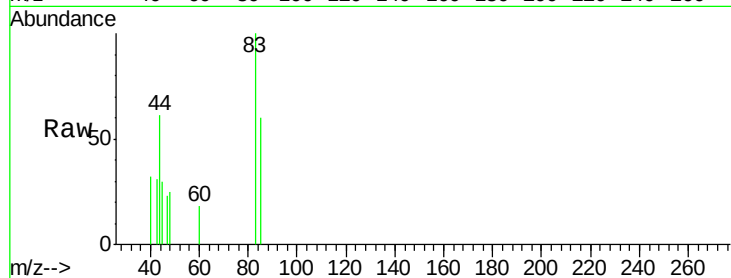
Tot Ion: 83 Resp: 1018

Ion Ratio Lower Upper

83 100

85 60.3 51.9 77.9

127 0.0 6.6 9.8#



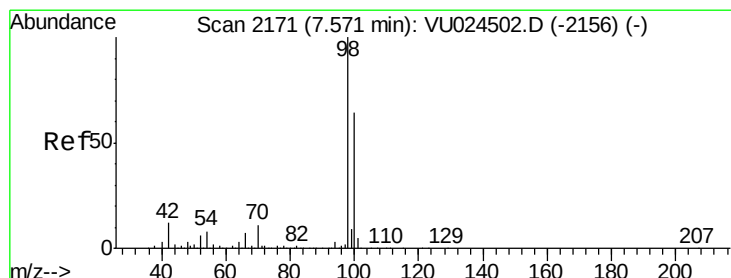
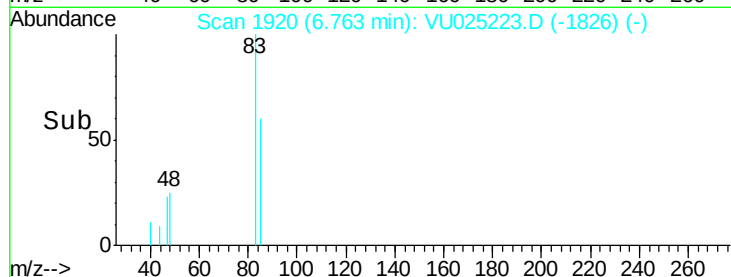
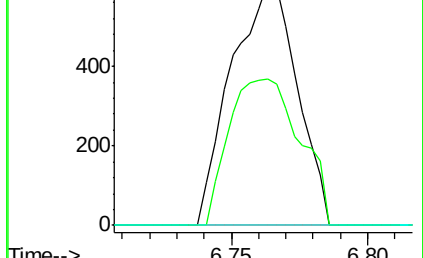
Abundance Ion 82.90 (82.60 to 83.60): VU024502.D (-1905) (-)

Ion 84.90 (84.60 to 85.60): VU024502.D (-1905) (-)

Ion 126.80 (126.50 to 127.50): VU024502.D (-1905) (-)

6.76

6.75 6.80



#50

Toluene-d8

Concen: 46.95 ug/l

RT: 7.57 min Scan# 2171

Delta R.T. -0.00 min

Lab File: VU025223.D

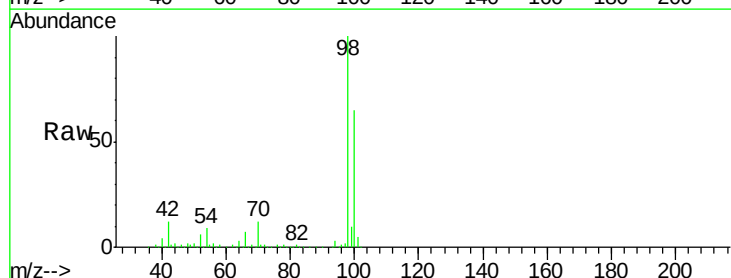
Acq: 05 Jul 2018 18:16

Tgt Ion: 98 Resp: 453797

Ion Ratio Lower Upper

98 100

100 64.6 51.1 76.7

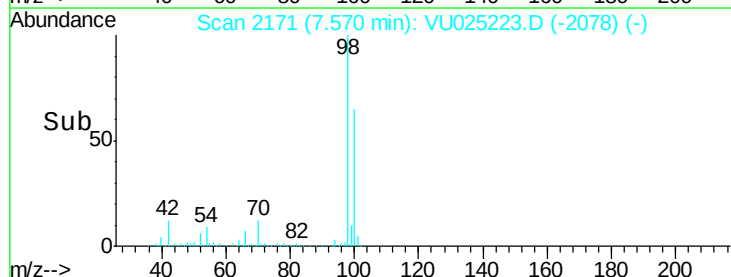
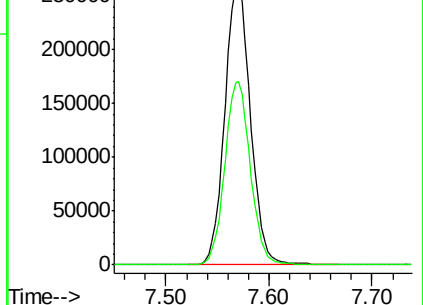


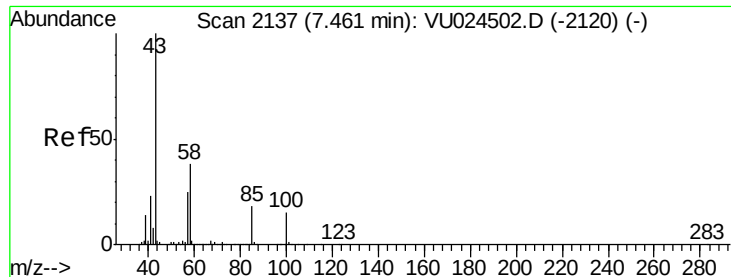
Abundance Ion 98.00 (97.70 to 98.70): VU024502.D (-2156) (-)

Ion 100.00 (99.70 to 100.70): VU024502.D (-2156) (-)

7.57

7.50 7.60 7.70





#51

4-Methyl-2-Pentanone

Concen: 0.22 ug/l

RT: 7.47 min Scan# 2139

Delta R.T. 0.01 min

Lab File: VU025223.D

Acq: 05 Jul 2018 18:16

Instrument :

MSVOA_U

ClientSampled :

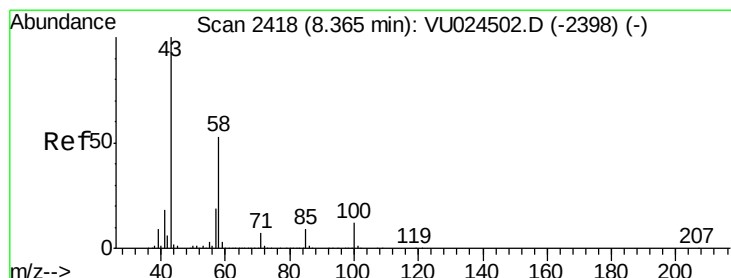
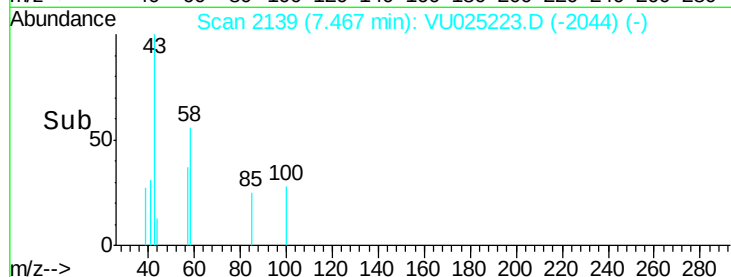
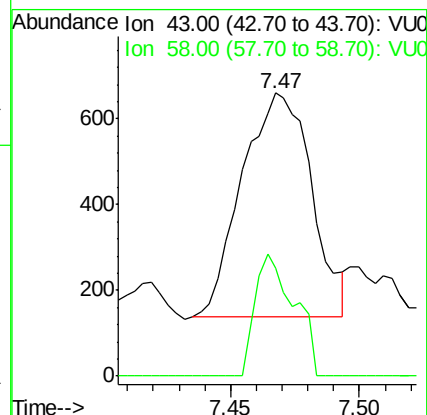
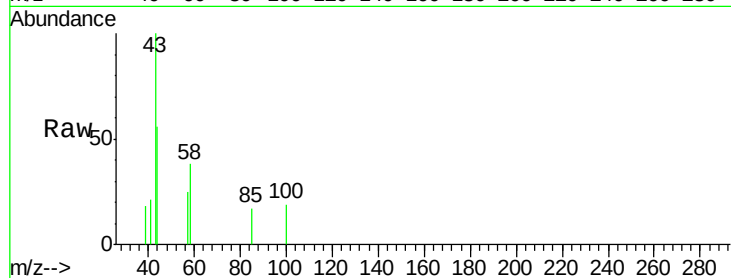
TP-6-D

Tot Ion: 43 Resp: 978

Ion Ratio Lower Upper

43 100

58 31.0 30.0 45.0



#59

2-Hexanone

Concen: 0.81 ug/l

RT: 8.37 min Scan# 2421

Delta R.T. 0.01 min

Lab File: VU025223.D

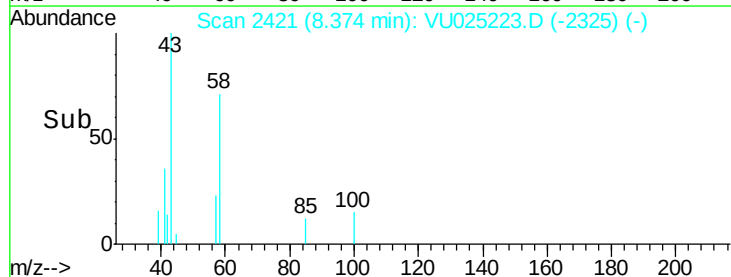
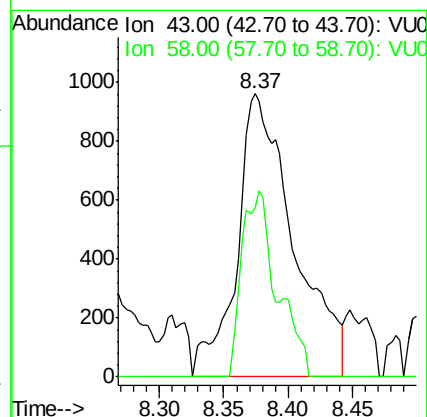
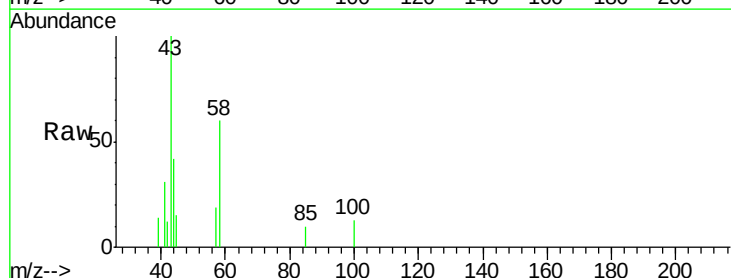
Acq: 05 Jul 2018 18:16

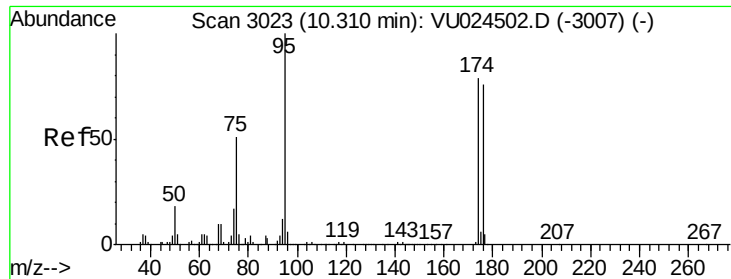
Tgt Ion: 43 Resp: 2951

Ion Ratio Lower Upper

43 100

58 40.6 26.4 79.0





#62

4-Bromofluorobenzene

Concen: 43.37 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.00 min

Lab File: VU025223.D

Acq: 05 Jul 2018 18:16

Instrument :

MSVOA_U

ClientSampled :

TP-6-D

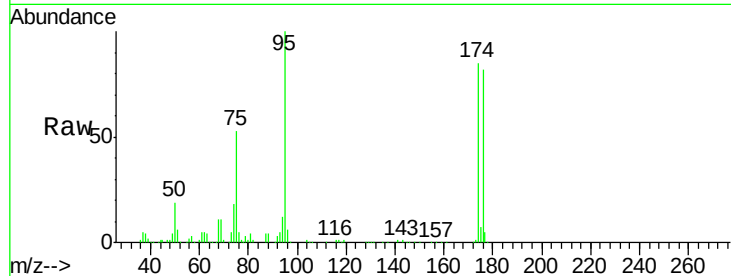
Tot Ion: 95 Resp: 166457

Ion Ratio Lower Upper

95 100

174 85.3 0.0 165.8

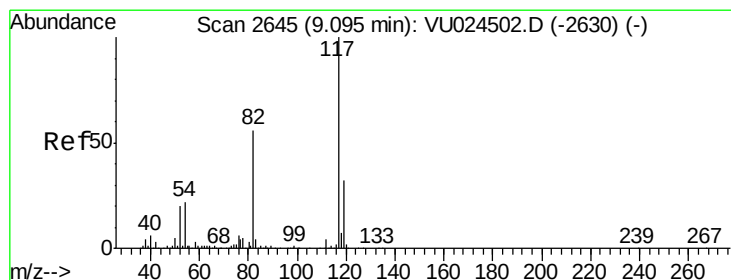
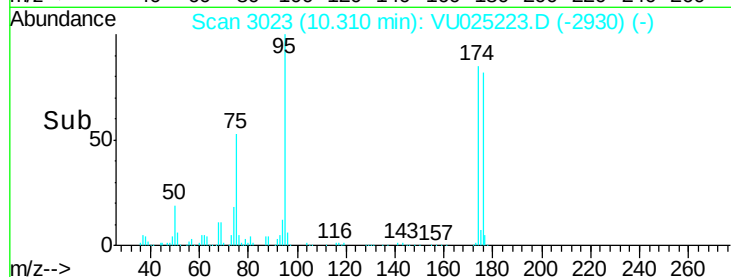
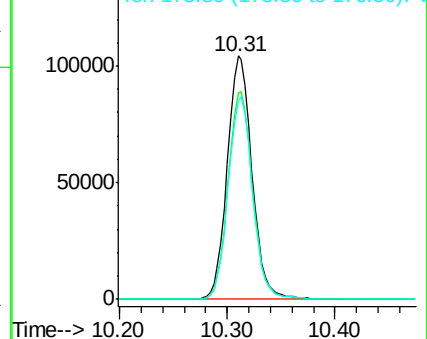
176 82.7 0.0 159.4



Abundance Ion 94.90 (94.60 to 95.60): VU024502.D (-3007) (-)

Ion 173.80 (173.50 to 174.50): VU024502.D (-3007) (-)

Ion 175.80 (175.50 to 176.50): VU024502.D (-3007) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.09 min Scan# 2645

Delta R.T. -0.00 min

Lab File: VU025223.D

Acq: 05 Jul 2018 18:16

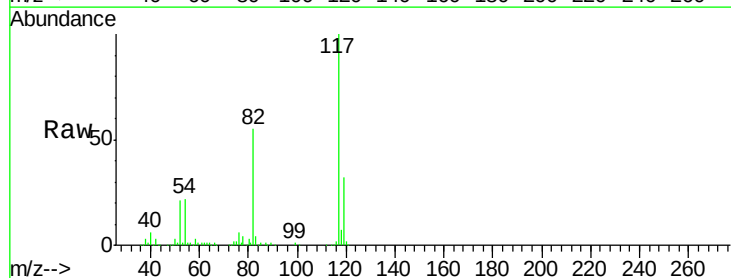
Tgt Ion: 117 Resp: 292116

Ion Ratio Lower Upper

117 100

82 55.3 44.3 66.5

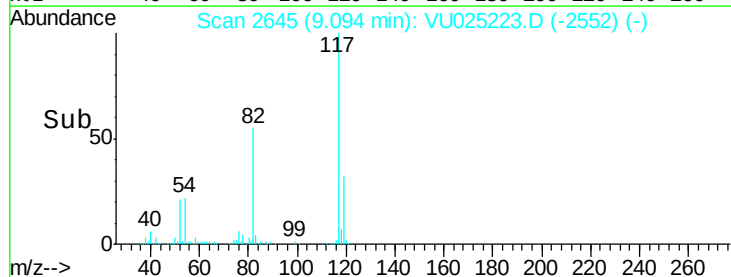
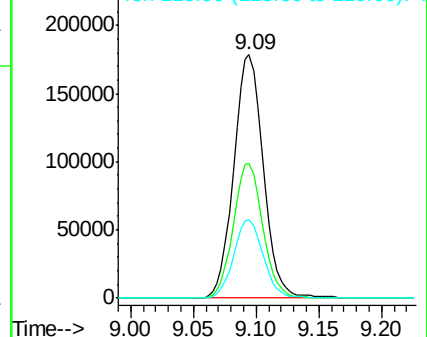
119 32.1 25.4 38.2

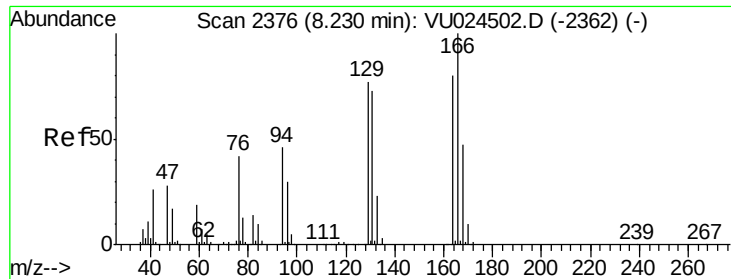


Abundance Ion 116.90 (116.60 to 117.60): VU024502.D (-2630) (-)

Ion 82.00 (81.70 to 82.70): VU024502.D (-2630) (-)

Ion 118.90 (118.60 to 119.60): VU024502.D (-2630) (-)





#64

Tetrachloroethene

Concen: 0.23 ug/l

RT: 8.24 min Scan# 2378

Delta R.T. 0.01 min

Lab File: VU025223.D

Acq: 05 Jul 2018 18:16

Instrument :

MSVOA_U

ClientSampleId :

TP-6-D

Tot Ion:164 Resp: 648

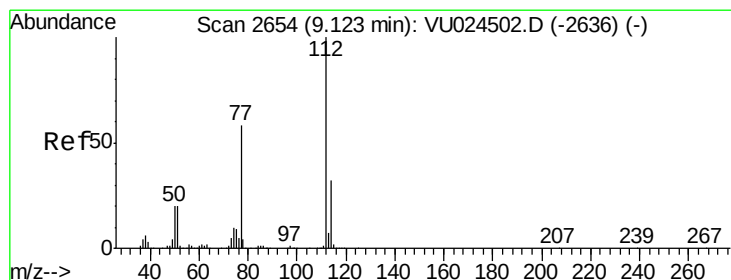
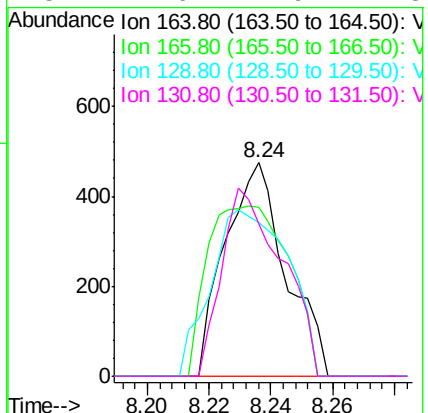
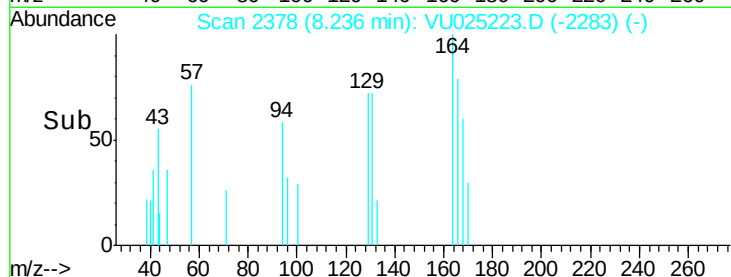
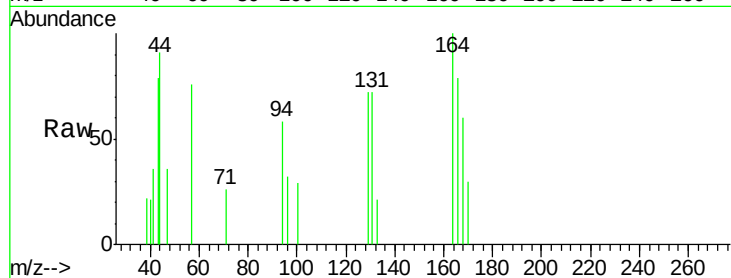
Ion Ratio Lower Upper

164 100

166 79.2 101.7 152.5#

129 72.0 76.9 115.3#

131 71.6 74.9 112.3#



#65

Chlorobenzene

Concen: 0.93 ug/l

RT: 9.12 min Scan# 2654

Delta R.T. -0.00 min

Lab File: VU025223.D

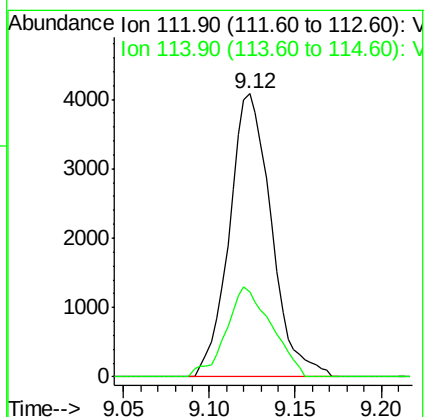
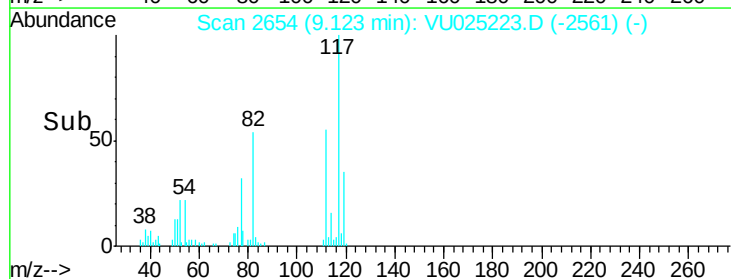
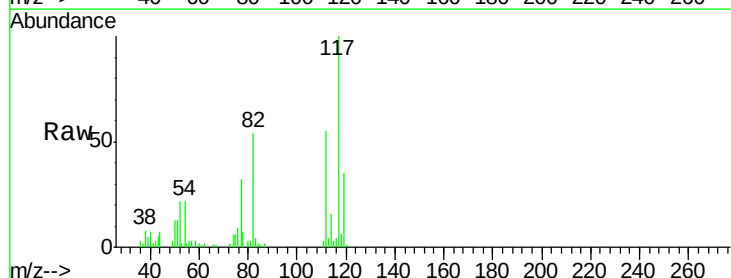
Acq: 05 Jul 2018 18:16

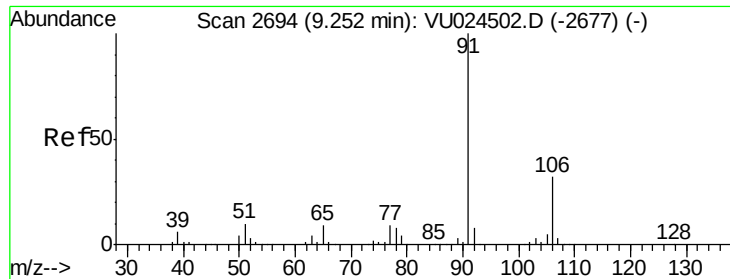
Tgt Ion:112 Resp: 6958

Ion Ratio Lower Upper

112 100

114 30.0 25.6 38.4





#67

Ethyl Benzene

Concen: 0.20 ug/l

RT: 9.26 min Scan# 2697

Delta R.T. 0.01 min

Lab File: VU025223.D

Acq: 05 Jul 2018 18:16

Instrument :

MSVOA_U

ClientSampleId :

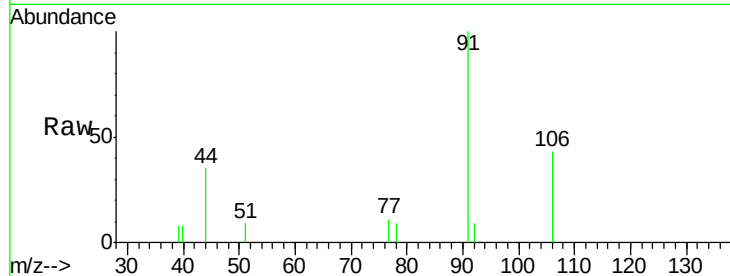
TP-6-D

Tot Ion: 91 Resp: 2672

Ion Ratio Lower Upper

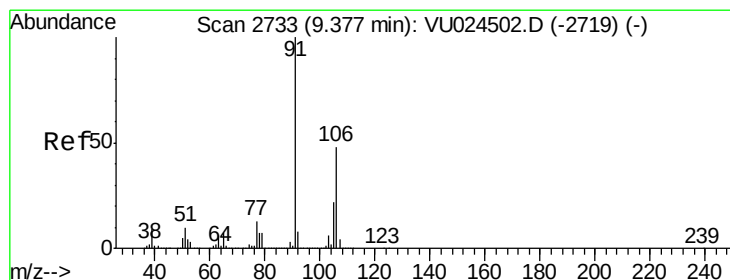
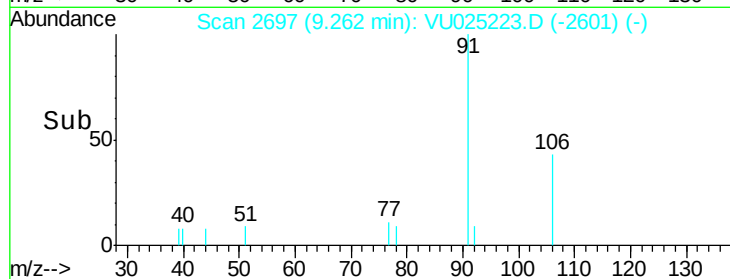
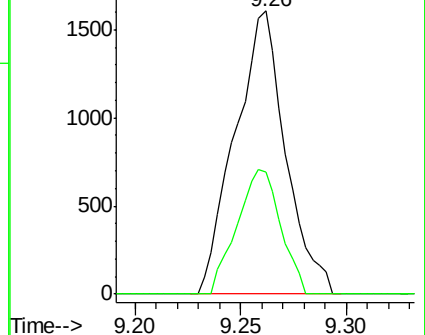
91 100

106 43.1 24.2 36.4#



Abundance Ion 91.00 (90.70 to 91.70): VU024502.D (-2677) (-)

Ion 106.00 (105.70 to 106.70): VU024502.D (-2677) (-)



#68

m/p-Xylenes

Concen: 0.34 ug/l

RT: 9.38 min Scan# 2734

Delta R.T. 0.00 min

Lab File: VU025223.D

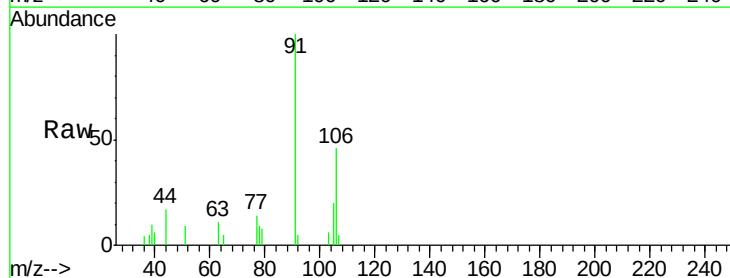
Acq: 05 Jul 2018 18:16

Tgt Ion: 106 Resp: 1703

Ion Ratio Lower Upper

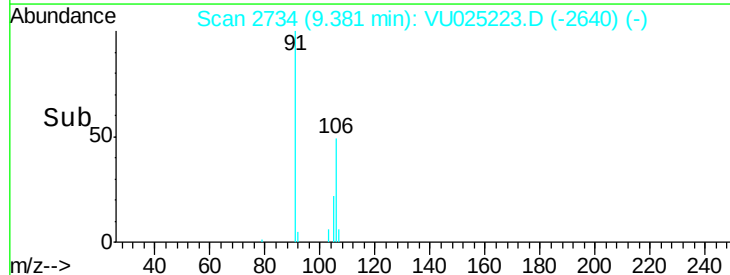
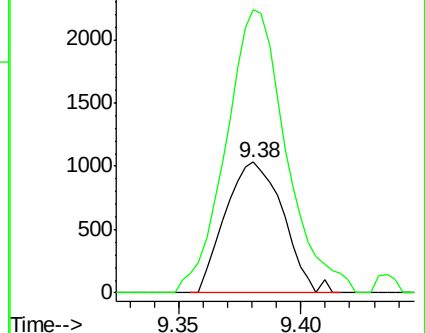
106 100

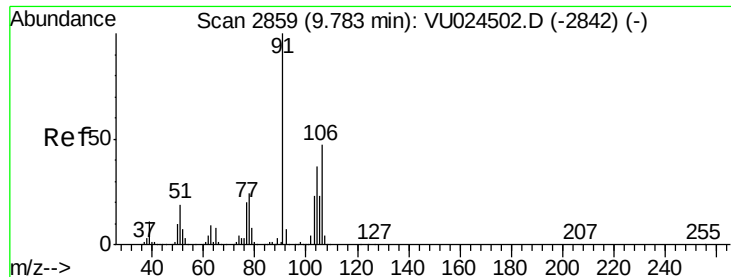
91 224.3 166.5 249.7



Abundance Ion 106.00 (105.70 to 106.70): VU024502.D (-2719) (-)

Ion 91.00 (90.70 to 91.70): VU024502.D (-2719) (-)

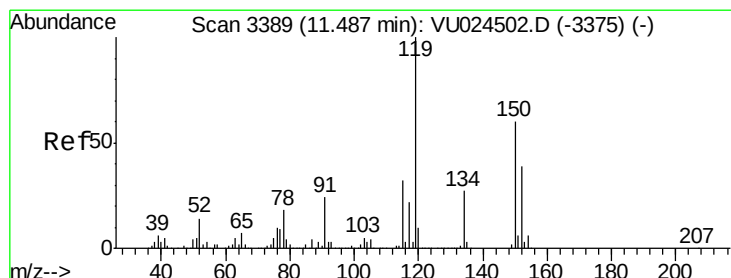
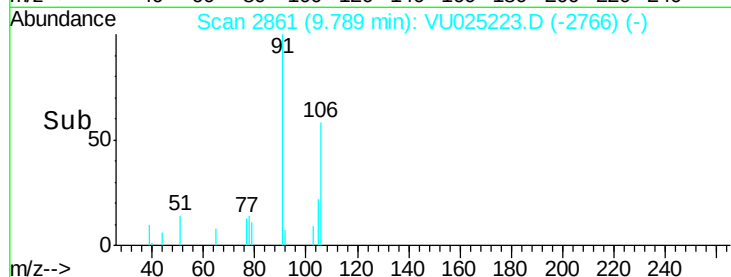
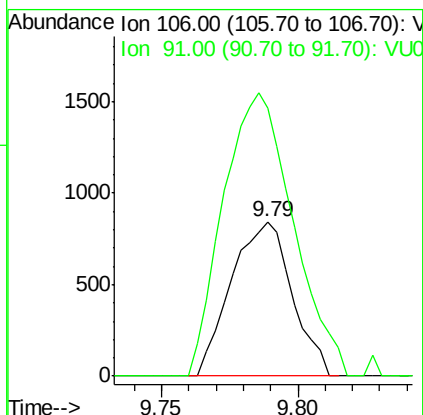
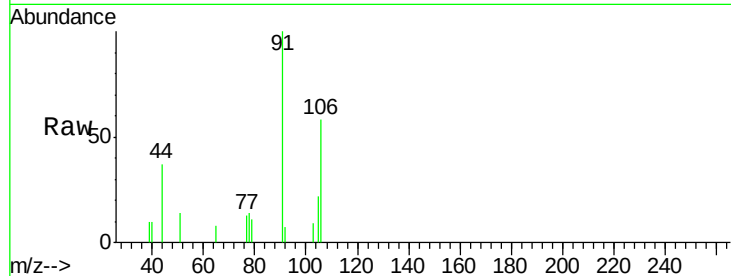




#69
o-Xylene
Concen: 0.26 ug/l
RT: 9.79 min Scan# 2861
Delta R.T. 0.01 min
Lab File: VU025223.D
Acq: 05 Jul 2018 18:16

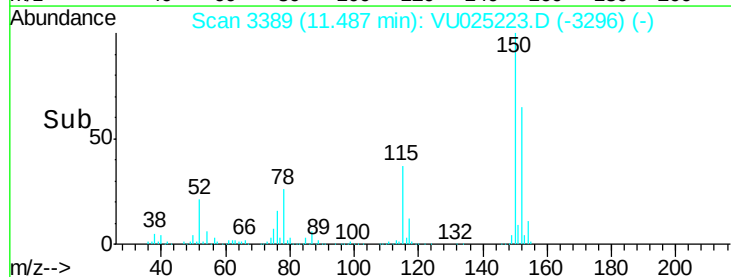
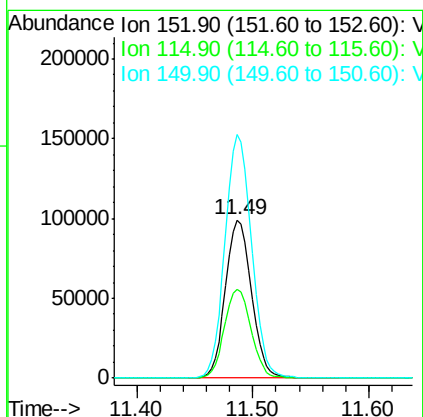
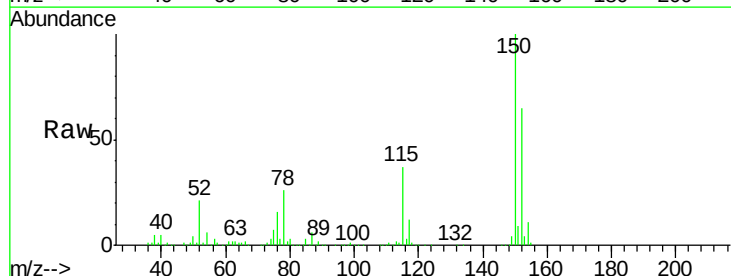
Instrument :
MSVOA_U
ClientSampleId :
TP-6-D

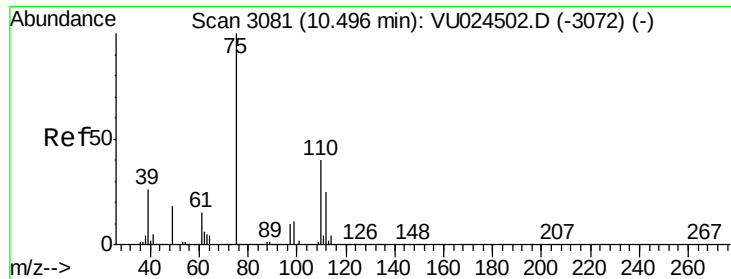
Tot Ion:106 Resp: 1305
Ion Ratio Lower Upper
106 100
91 210.8 110.7 331.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. -0.00 min
Lab File: VU025223.D
Acq: 05 Jul 2018 18:16

Tgt Ion:152 Resp: 153800
Ion Ratio Lower Upper
152 100
115 57.5 43.0 129.0
150 156.8 0.0 354.0





#76

1,2,3-Trichloropropane

Concen: 25.91 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.19 min

Lab File: VU025223.D

Acq: 05 Jul 2018 18:16

Instrument :

MSVOA_U

ClientSampleId :

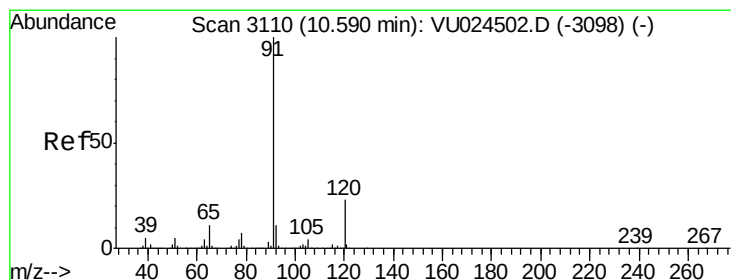
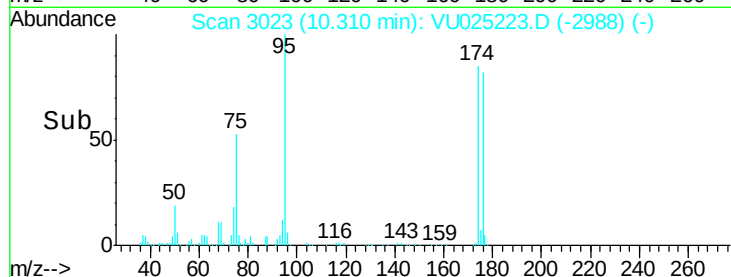
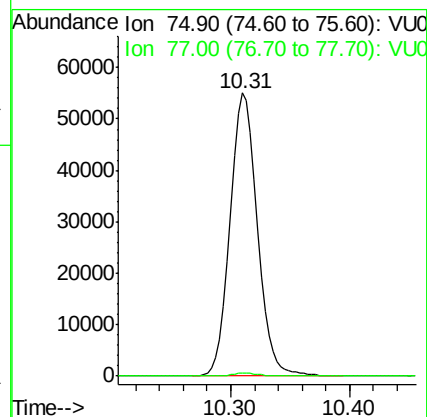
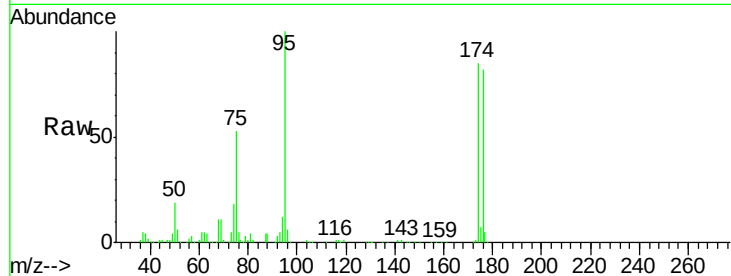
TP-6-D

Tot Ion: 75 Resp: 87735

Ion Ratio Lower Upper

75 100

77 1.0 20.9 62.7#



#78

n-propylbenzene

Concen: 0.22 ug/l

RT: 10.60 min Scan# 3113

Delta R.T. 0.01 min

Lab File: VU025223.D

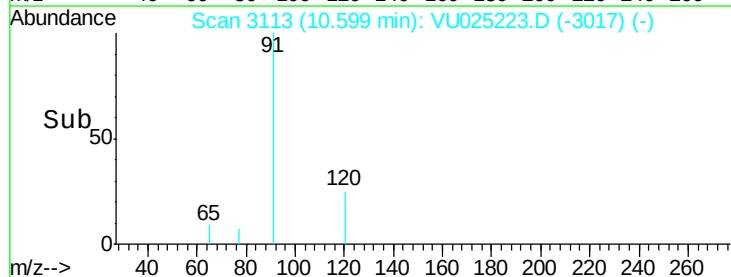
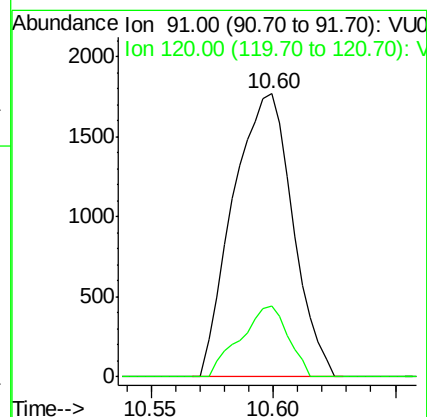
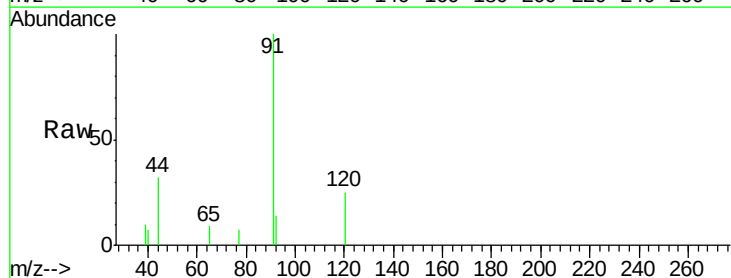
Acq: 05 Jul 2018 18:16

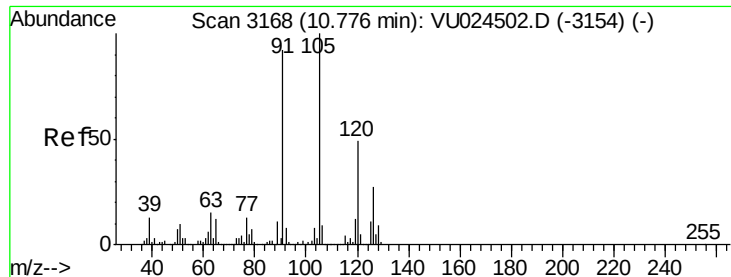
Tgt Ion: 91 Resp: 2996

Ion Ratio Lower Upper

91 100

120 20.0 11.2 33.5





#80

1,3,5-Trimethylbenzene

Concen: 0.22 ug/l

RT: 10.78 min Scan# 3169

Delta R.T. 0.00 min

Lab File: VU025223.D

Acq: 05 Jul 2018 18:16

Instrument :

MSVOA_U

ClientSampleId :

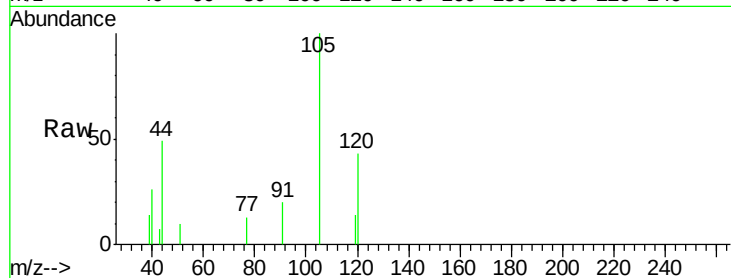
TP-6-D

Tot Ion:105 Resp: 2268

Ion Ratio Lower Upper

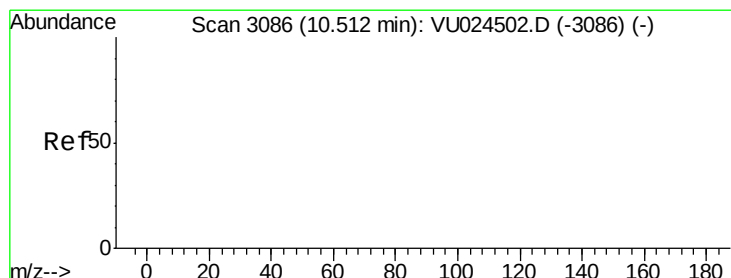
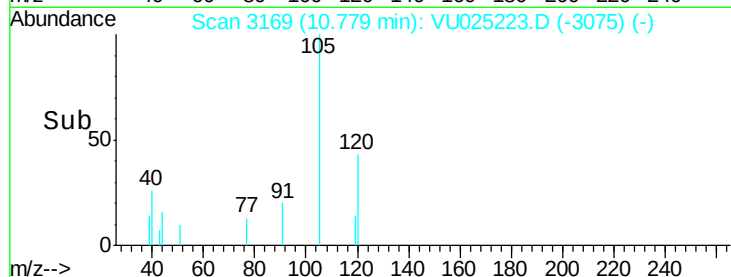
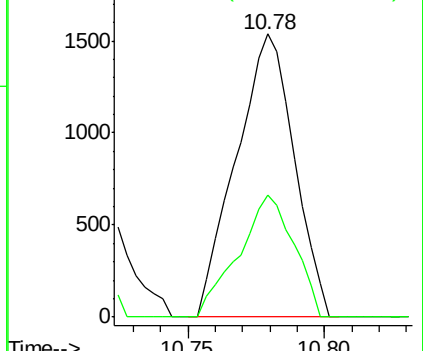
105 100

120 41.0 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 59.97 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.20 min

Lab File: VU025223.D

Acq: 05 Jul 2018 18:16

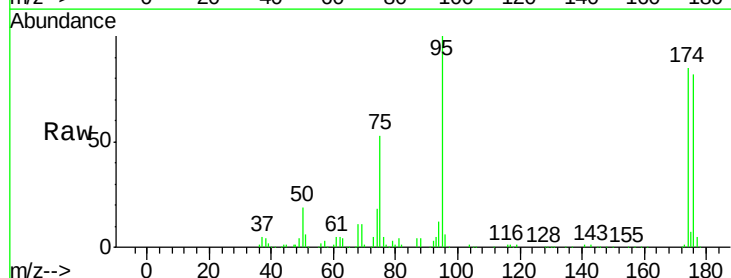
Tgt Ion: 75 Resp: 87735

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

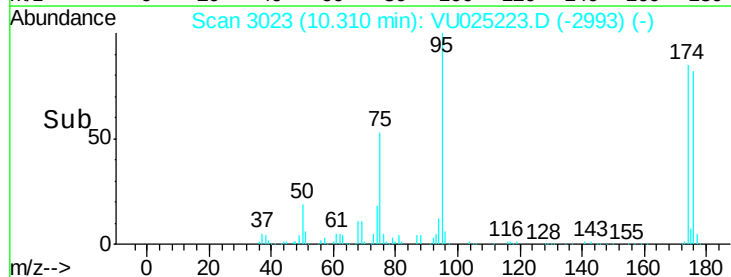
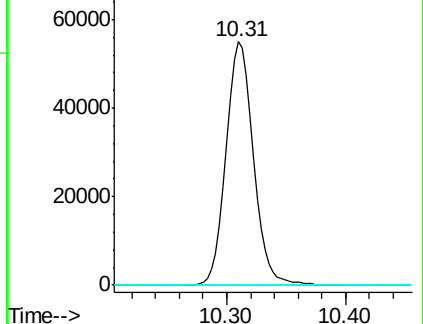
89 0.0 0.0 0.0

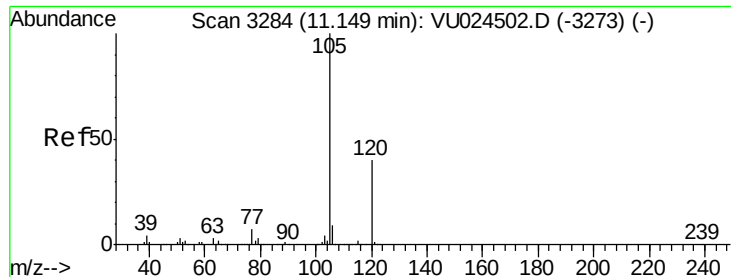


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0

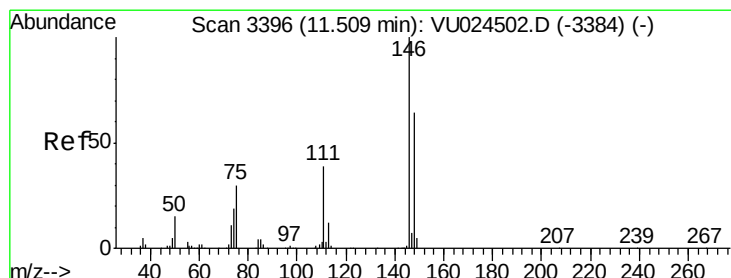
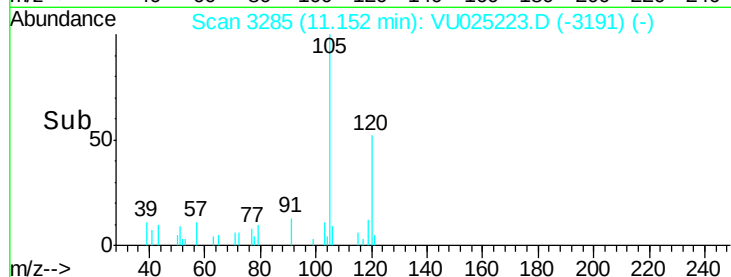
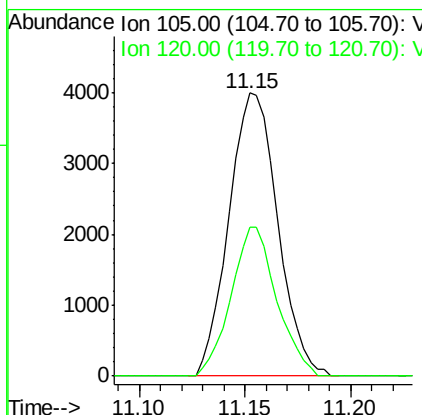
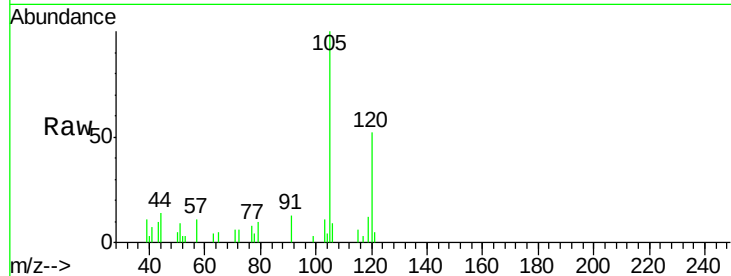




#84
 1,2,4-Trimethylbenzene
 Concen: 0.62 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU025223.D
 Acq: 05 Jul 2018 18:16

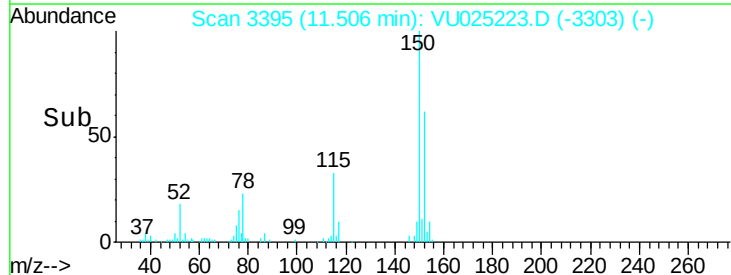
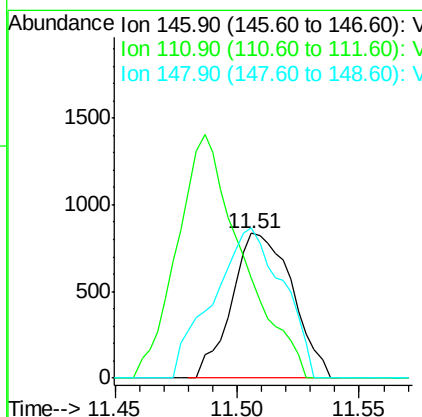
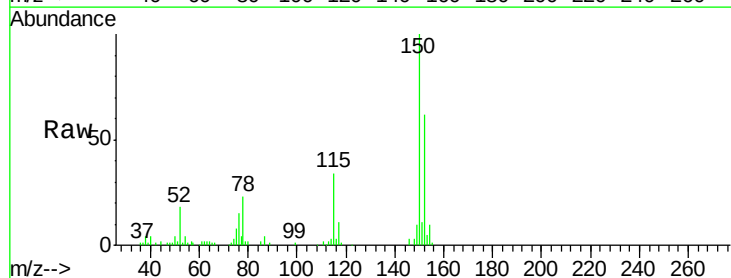
Instrument :
 MSVOA_U
 ClientSampleId :
 TP-6-D

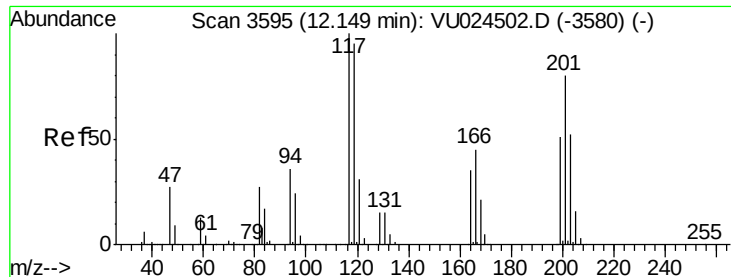
Tot Ion:105 Resp: 6432
 Ion Ratio Lower Upper
 105 100
 120 49.0 22.6 67.8



#88
 1,4-Dichlorobenzene
 Concen: 0.26 ug/l
 RT: 11.51 min Scan# 3395
 Delta R.T. -0.00 min
 Lab File: VU025223.D
 Acq: 05 Jul 2018 18:16

Tgt Ion:146 Resp: 1435
 Ion Ratio Lower Upper
 146 100
 111 180.8 19.5 58.5#
 148 119.4 32.4 97.0#





#90

Hexachloroethane

Concen: 0.76 ug/l

RT: 12.25 min Scan# 3627

Delta R.T. 0.10 min

Lab File: VU025223.D

Acq: 05 Jul 2018 18:16

Instrument :

MSVOA_U

ClientSampleId :

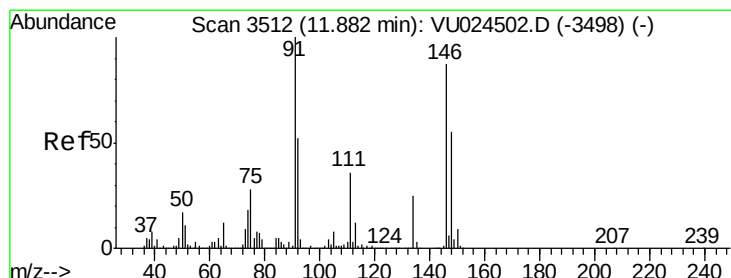
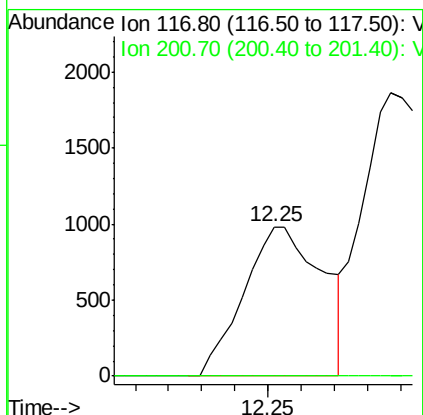
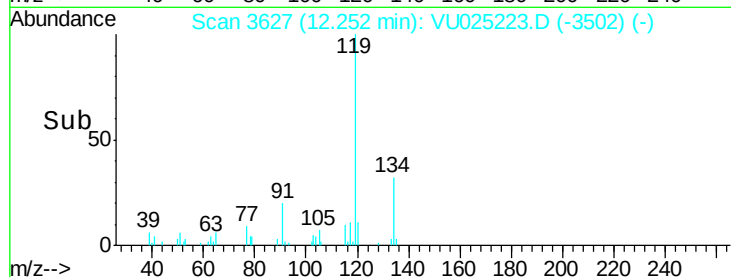
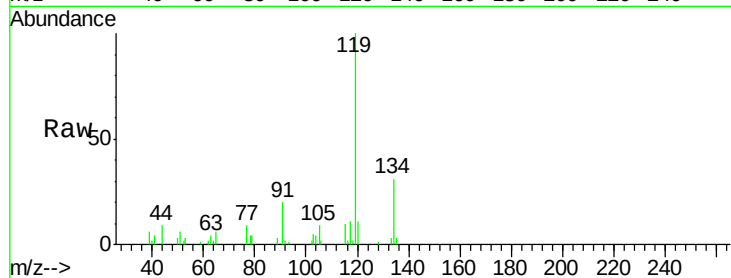
TP-6-D

Tot Ion:117 Resp: 1627

Ion Ratio Lower Upper

117 100

201 0.0 41.1 123.3#



#91

1,2-Dichlorobenzene

Concen: 1.18 ug/l

RT: 11.89 min Scan# 3513

Delta R.T. 0.00 min

Lab File: VU025223.D

Acq: 05 Jul 2018 18:16

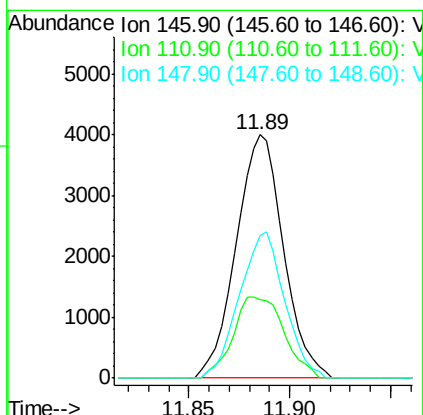
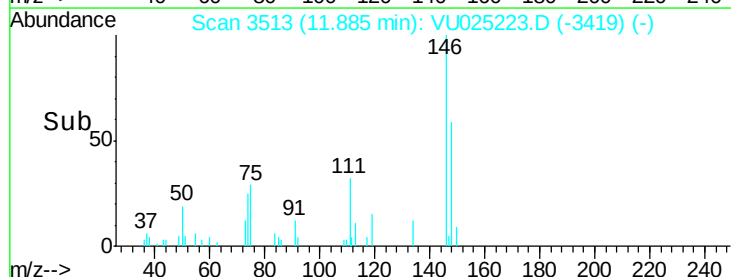
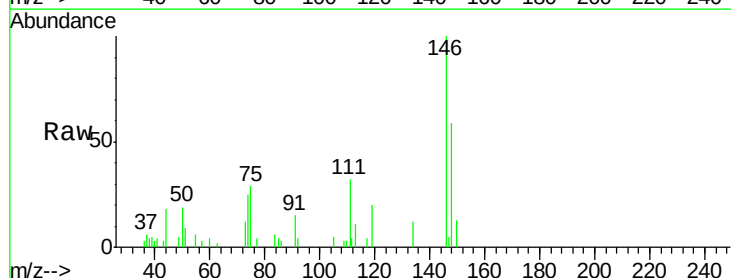
Tgt Ion:146 Resp: 6547

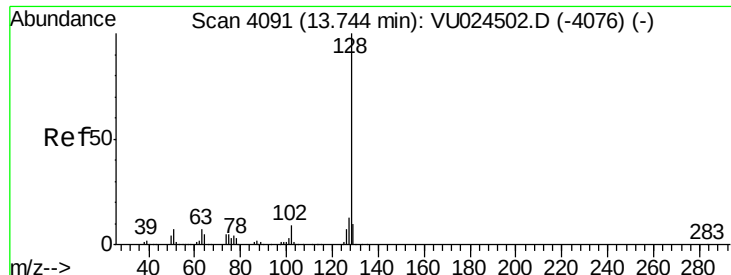
Ion Ratio Lower Upper

146 100

111 35.9 20.5 61.6

148 57.5 31.9 95.7





#95

Naphthalene

Concen: 12.61 ug/l

RT: 13.75 min Scan# 4092

Delta R.T. 0.00 min

Lab File: VU025223.D

Acq: 05 Jul 2018 18:16

Instrument :

MSVOA_U

ClientSampleId :

TP-6-D

Tot Ion:128 Resp: 136799

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

129 11.4 8.6 12.8

