

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U070518\
 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 :

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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Quant Title : SW846 8260
QLast Update : Wed Jun 13 13:55:26 2018
Response via : Initial Calibration

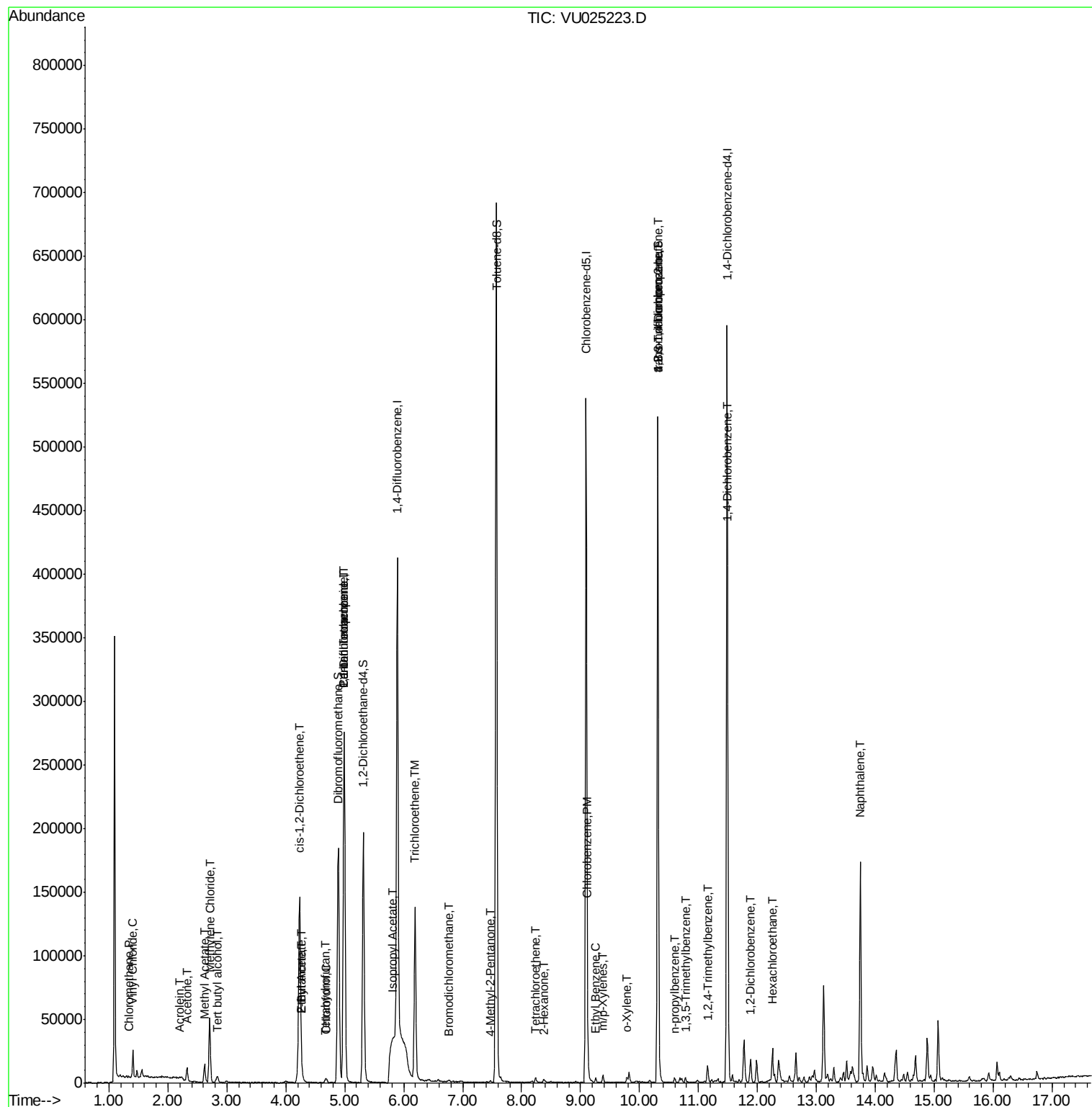
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	13.75	128	136799	12.61	ug/l	99

(#) = 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

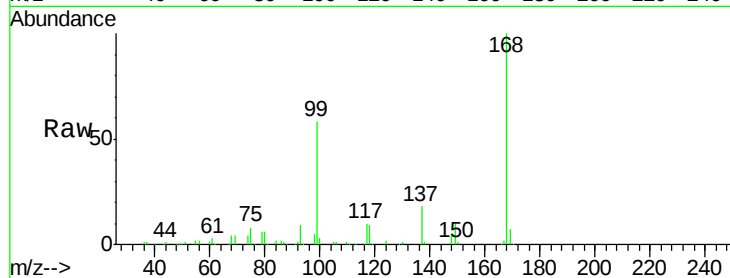
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:168 Resp: 210072

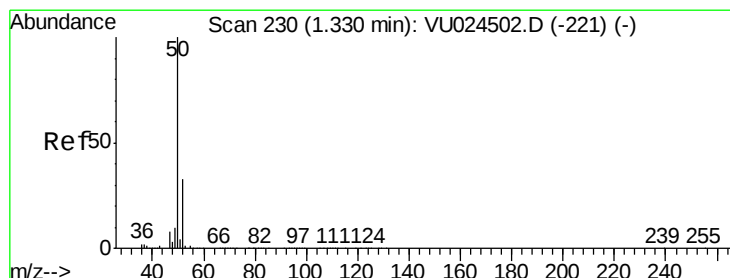
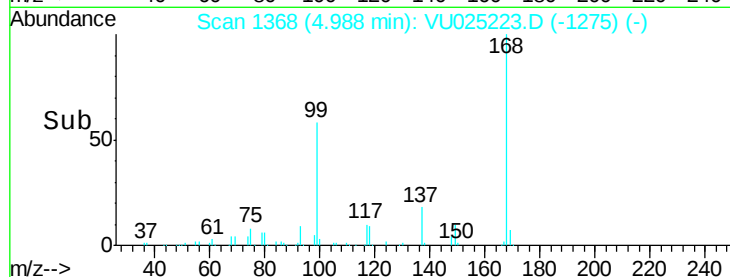
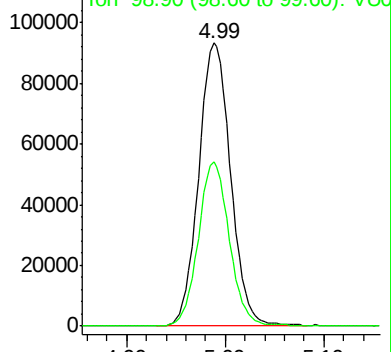
Ion Ratio Lower Upper

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

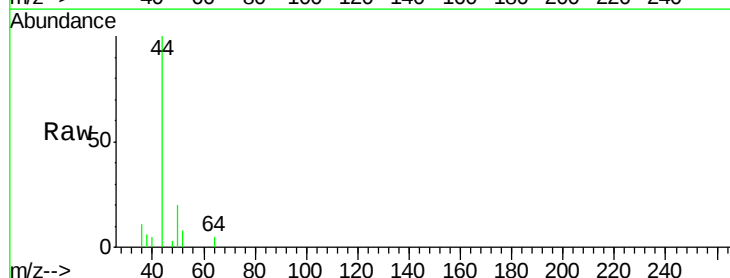
Acq: 05 Jul 2018 18:16

Tgt Ion: 50 Resp: 911

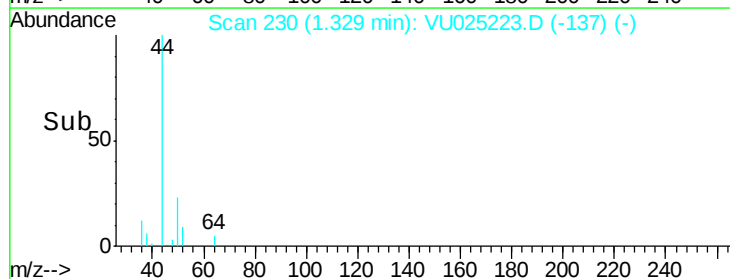
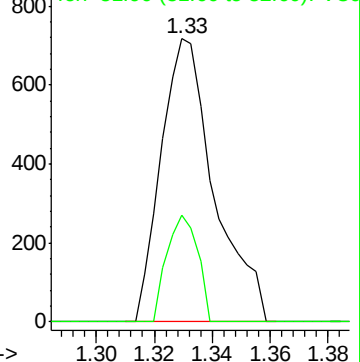
Ion Ratio Lower Upper

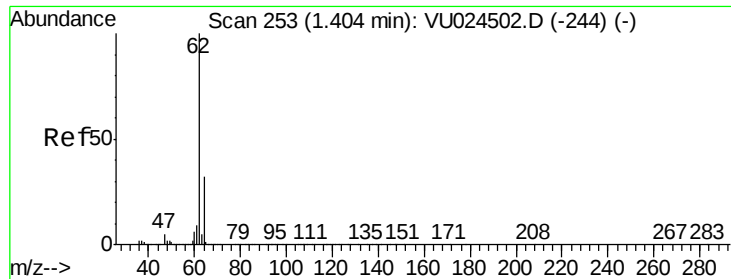
50 100

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

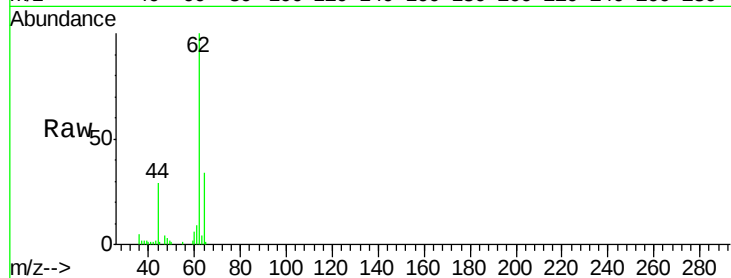
ClientSampleId :

Tot Ion: 62 Resp: 13443

Ion Ratio Lower Upper

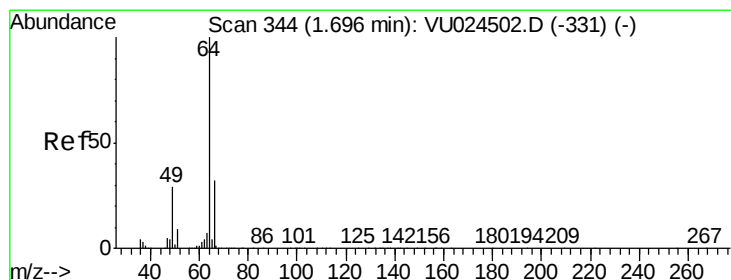
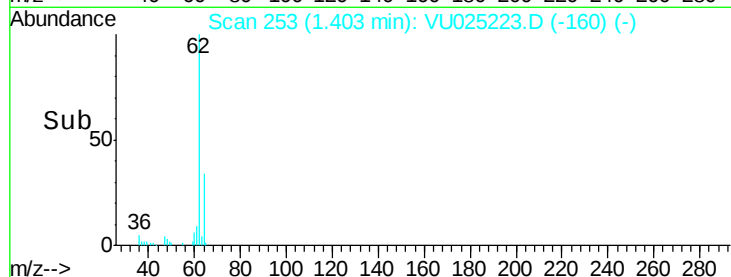
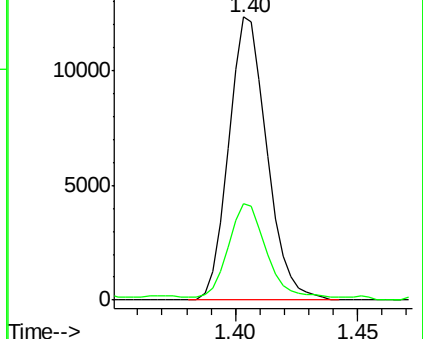
62 100

64 33.4 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0



#6

Chloroethane

Concen: Below Cal

RT: 1.71 min Scan# 348

Delta R.T. 0.01 min

Lab File: VU025223.D

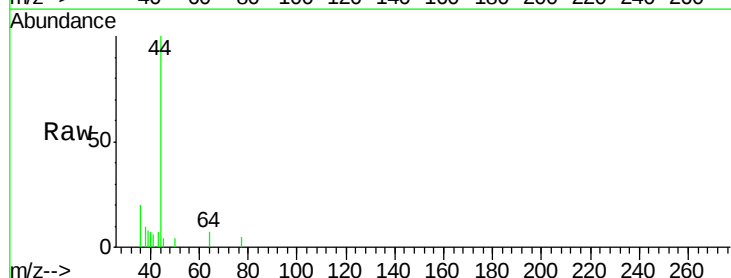
Acq: 05 Jul 2018 18:16

Tgt Ion: 64 Resp: 286

Ion Ratio Lower Upper

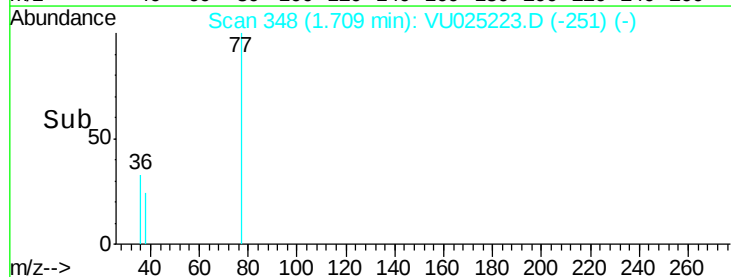
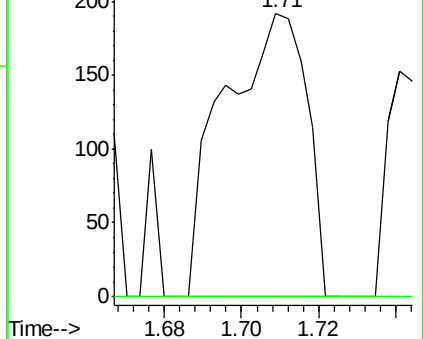
64 100

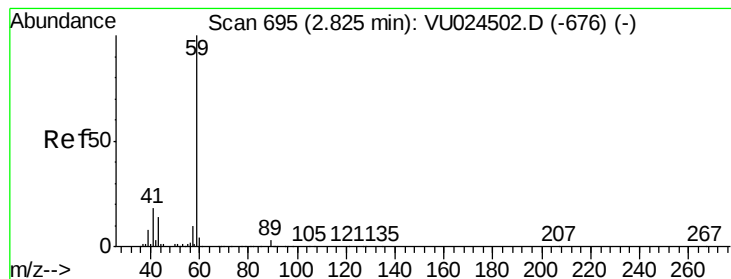
66 0.0 25.5 38.3#



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0



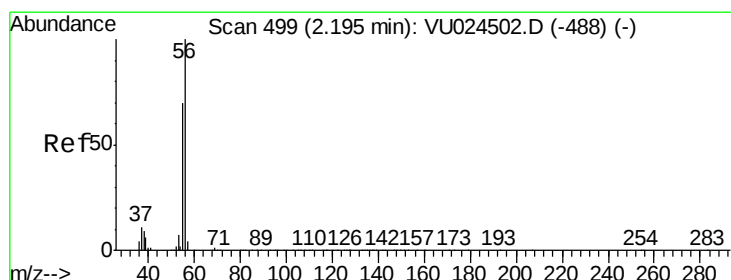
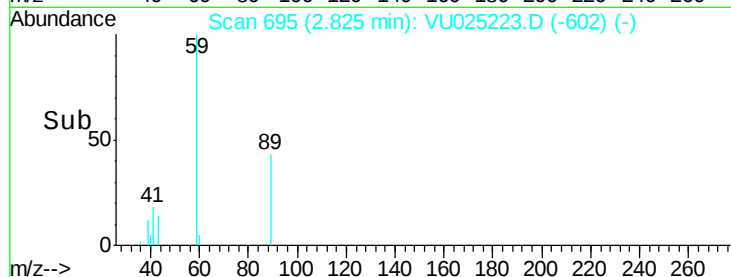
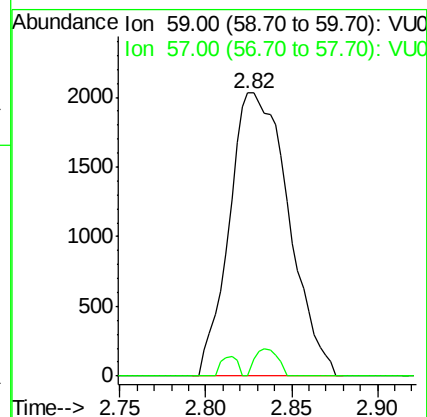
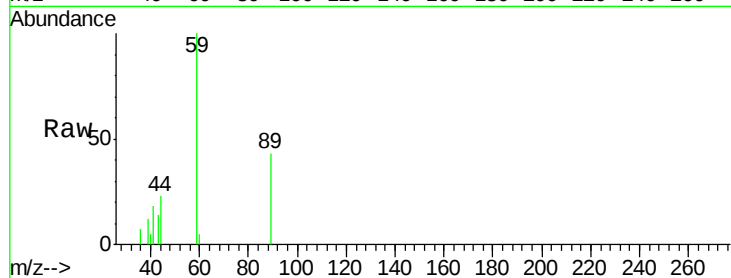


#11

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
 ClientSampled :

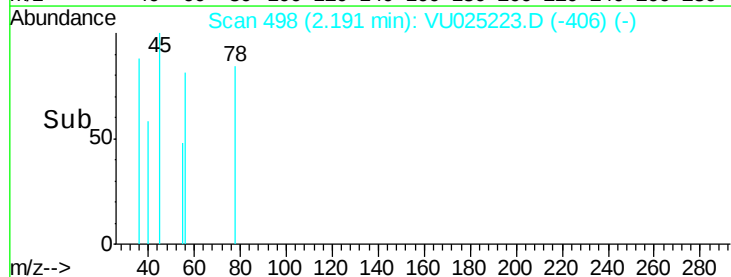
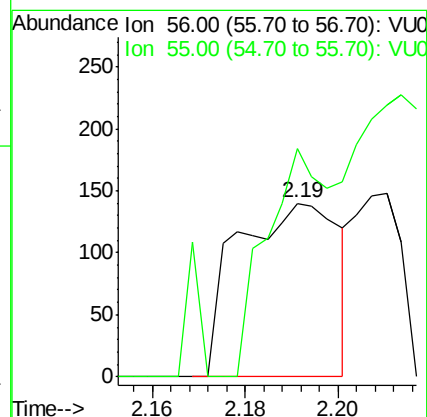
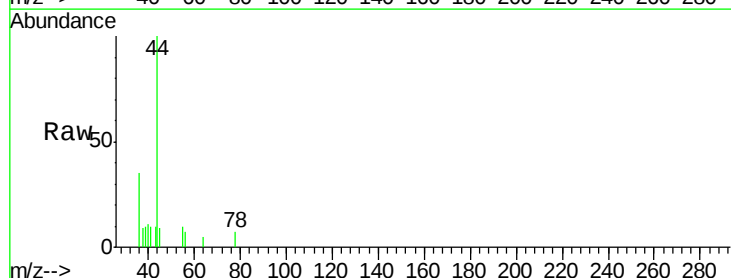
Tot Ion: 59 Resp: 4879
 Ion Ratio Lower Upper
 59 100
 57 1.9 8.5 12.7#

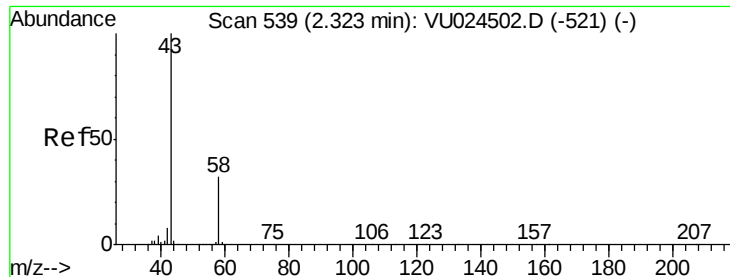


#13

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

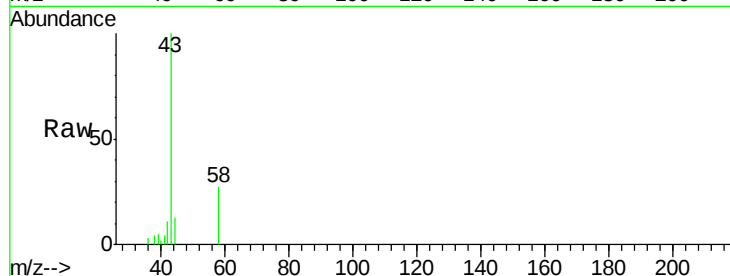
ClientSampleId :

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

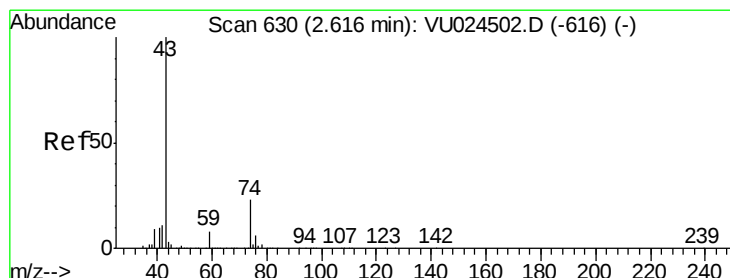
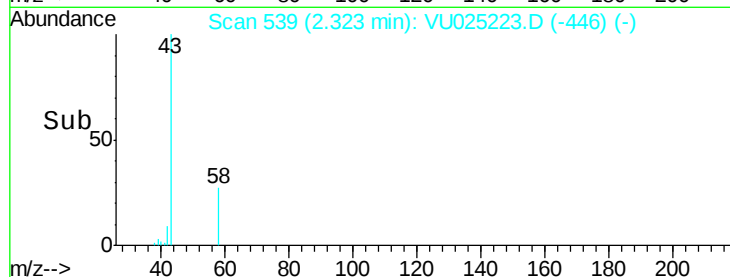
4000

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

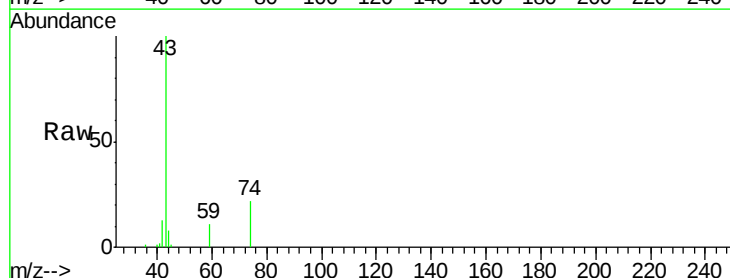
Acq: 05 Jul 2018 18:16

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

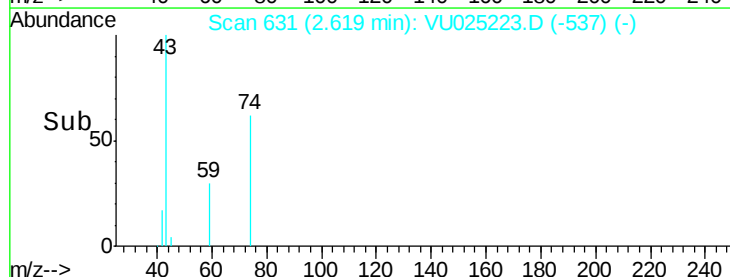
4000

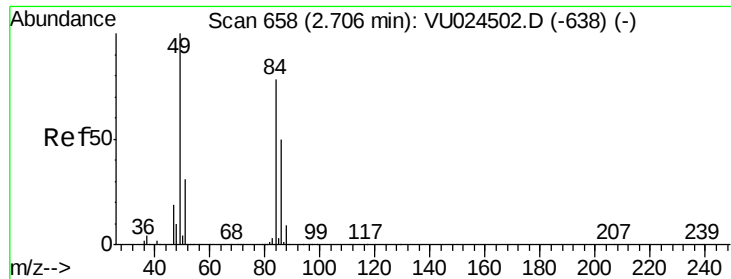
2000

0

Time-->

2.55 2.60 2.65 2.70

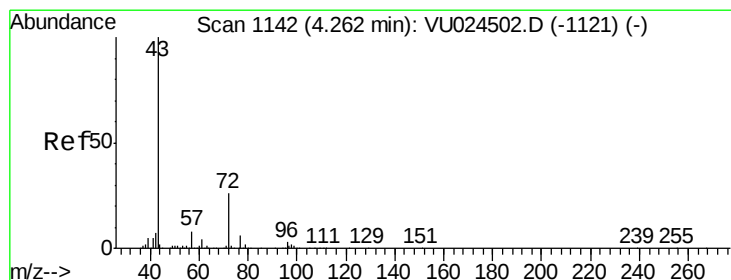
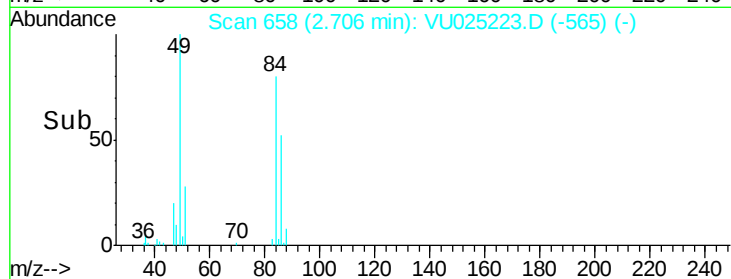
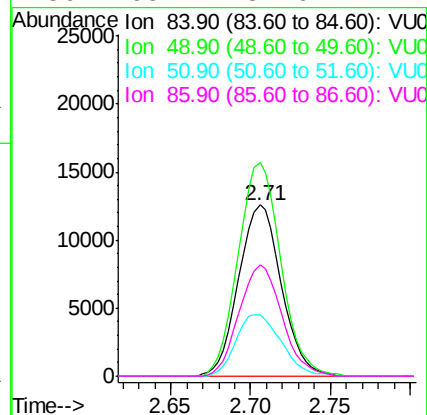
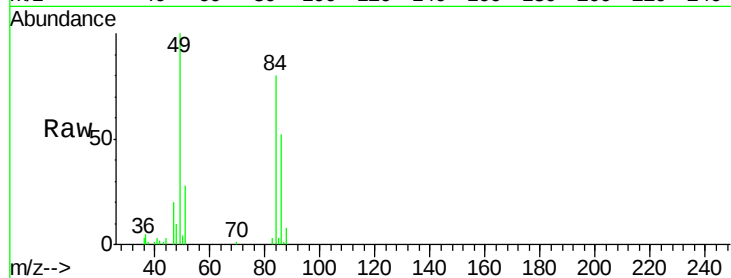




#20
Methvlene Chloride
Concen: 7.93 ug/l
RT: 2.71 min Scan# 658
Delta R.T. -0.00 min
Lab File: VU025223.D
Acq: 05 Jul 2018 18:16

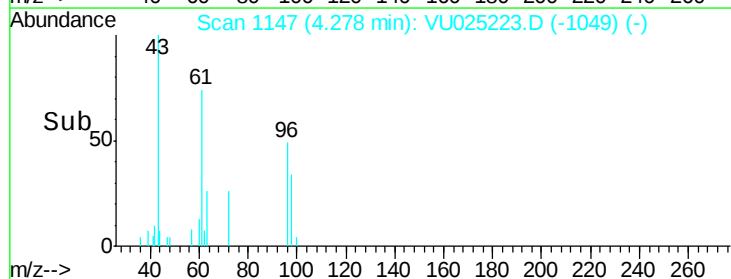
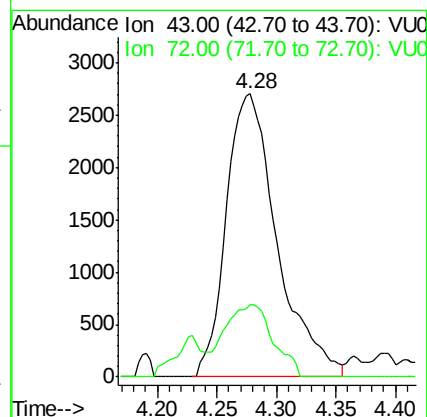
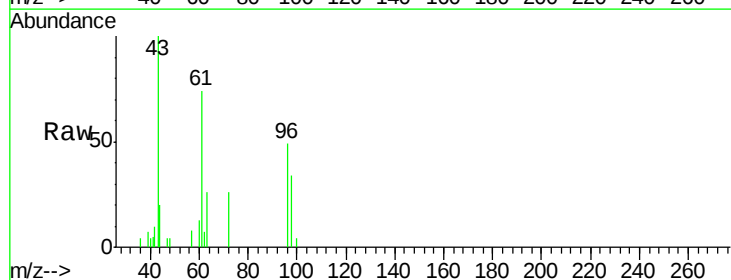
Instrument :
MSVOA_U
ClientSampleId :

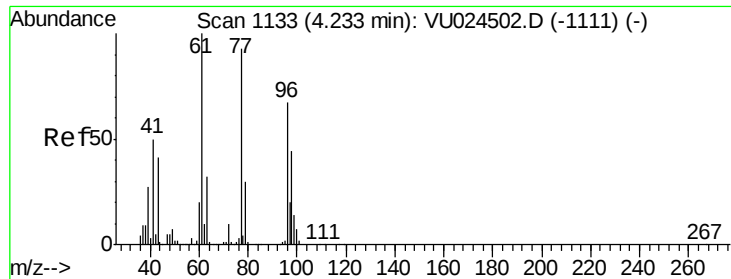
Tot Ion: 84 Resp: 22925
Ion Ratio Lower Upper
84 100
49 124.7 103.8 155.8
51 35.5 32.0 48.0
86 65.1 51.6 77.4



#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
ClientSampleId :

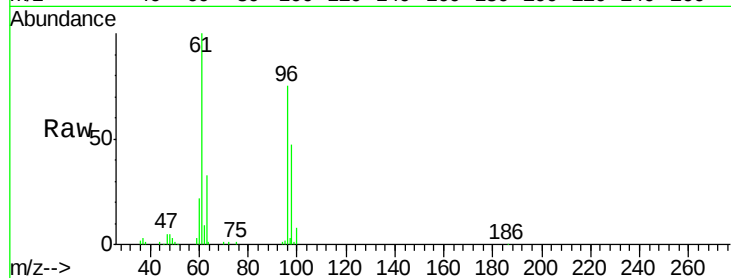
Tot Ion: 96 Resp: 81908

Ion	Ratio	Lower	Upper
96	100		
61	133.6	0.0	306.6
98	65.6	0.0	128.8

96 100

61 133.6 0.0 306.6

98 65.6 0.0 128.8

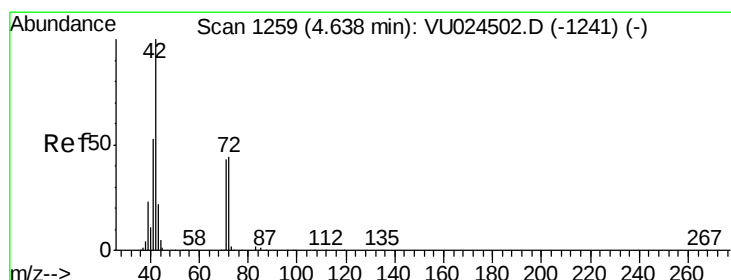
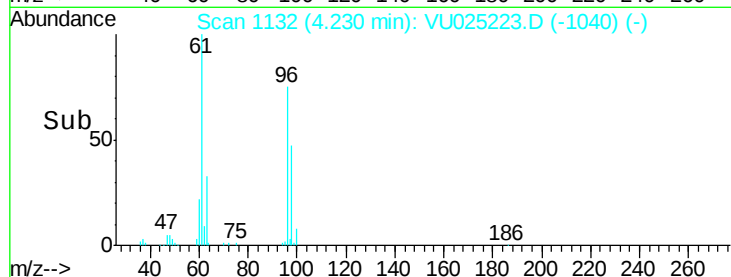
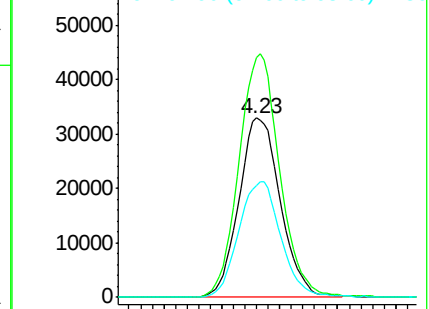


Abundance

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: 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

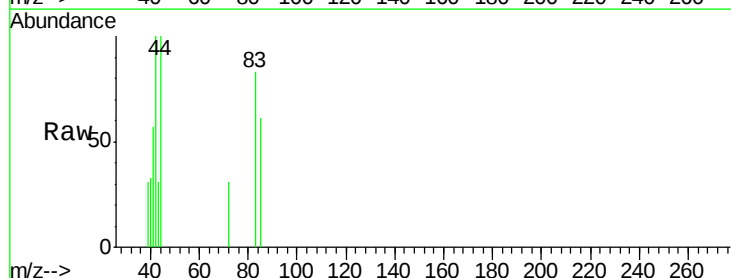
Tgt Ion: 42 Resp: 733

Ion	Ratio	Lower	Upper
42	100		
72	9.5	34.5	51.7#
71	0.0	32.2	48.4#

42 100

72 9.5 34.5 51.7#

71 0.0 32.2 48.4#

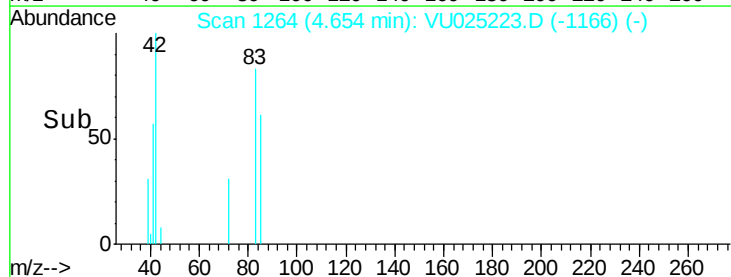
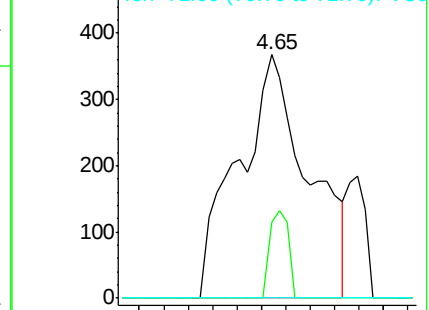


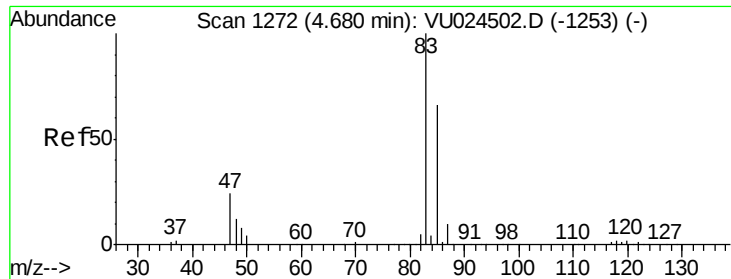
Abundance

Ion 42.00 (41.70 to 42.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

Ion 71.00 (70.70 to 71.70): VU0

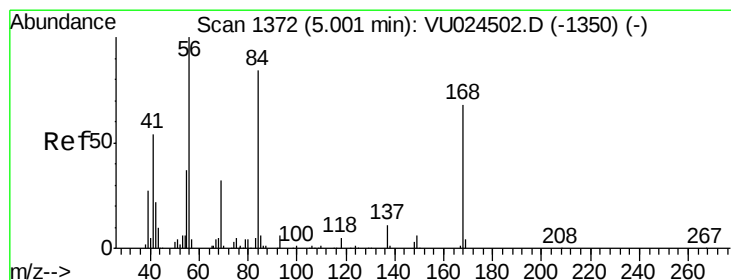
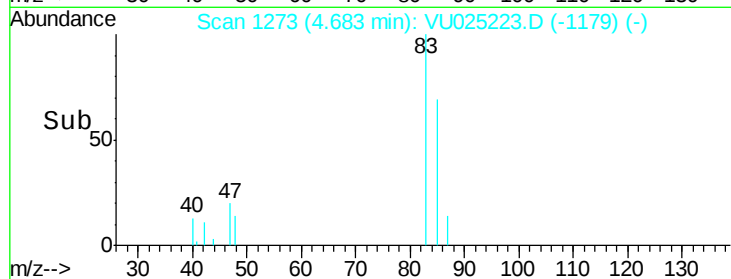
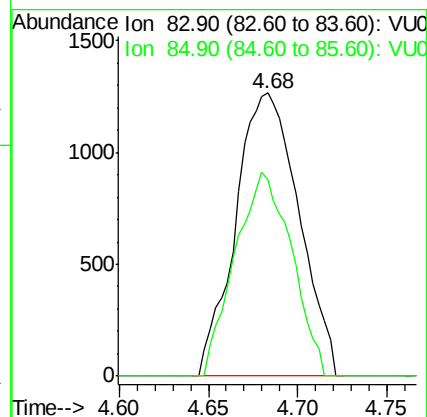
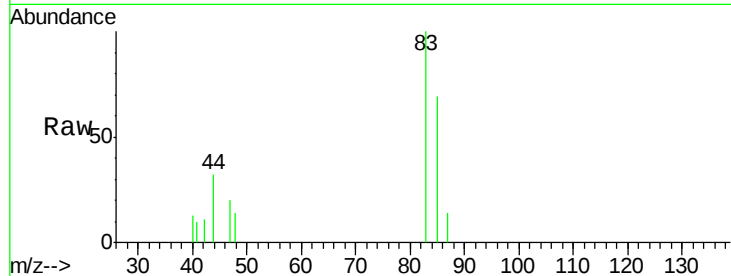




#30
Chloroform
Concen: 0.61 ug/l
RT: 4.68 min Scan# 1273
Delta R.T. 0.00 min
Lab File: VU025223.D
Acq: 05 Jul 2018 18:16

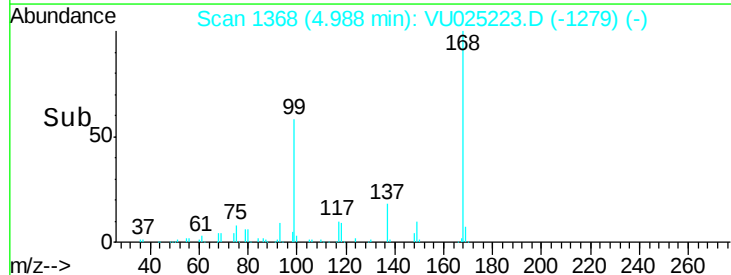
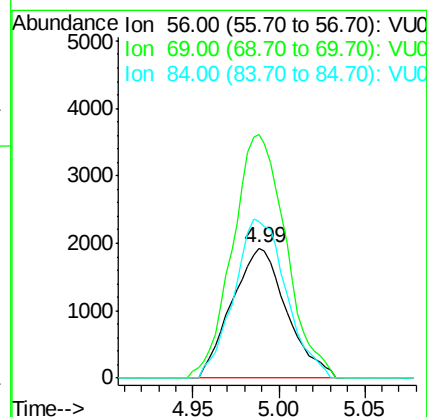
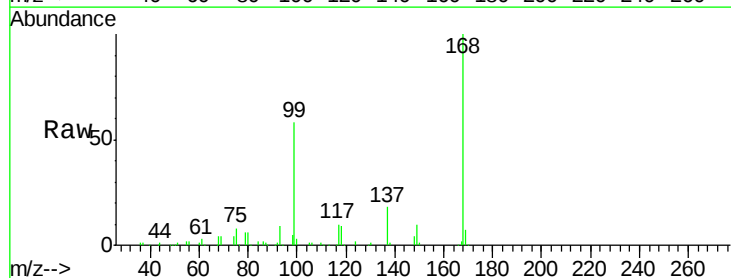
Instrument :
MSVOA_U
ClientSampleId :

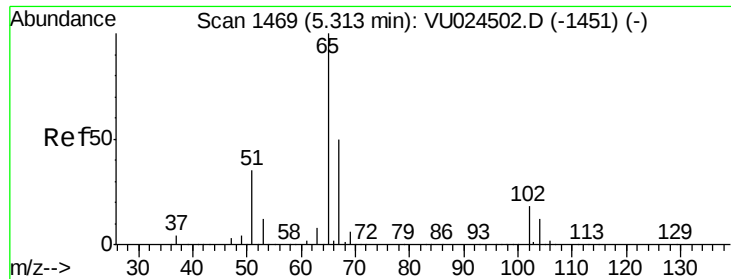
Tot Ion: 83 Resp: 3127
Ion Ratio Lower Upper
83 100
85 69.2 52.4 78.6



#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

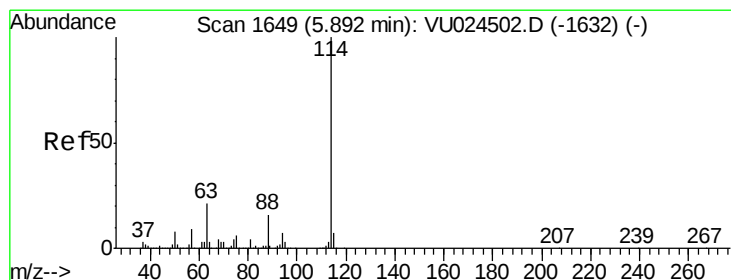
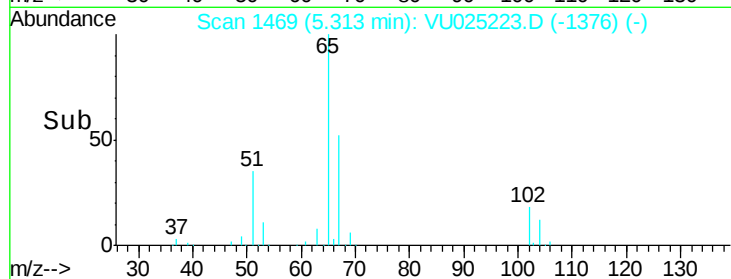
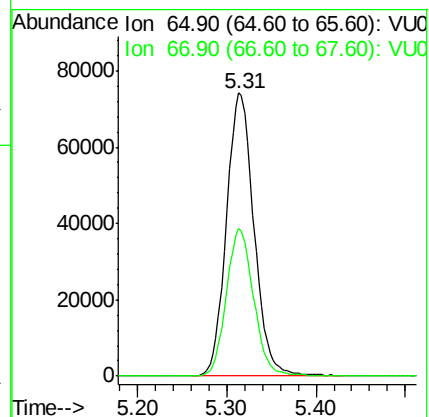
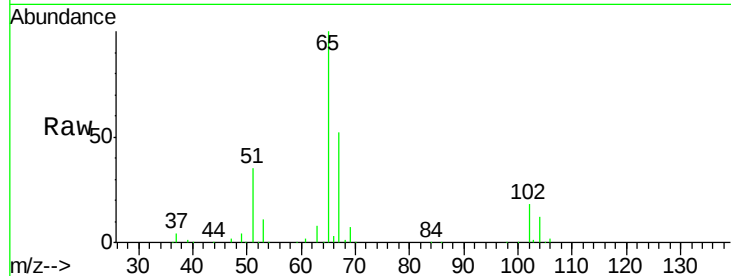
Instrument :
MSVOA_U
ClientSampleId :

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

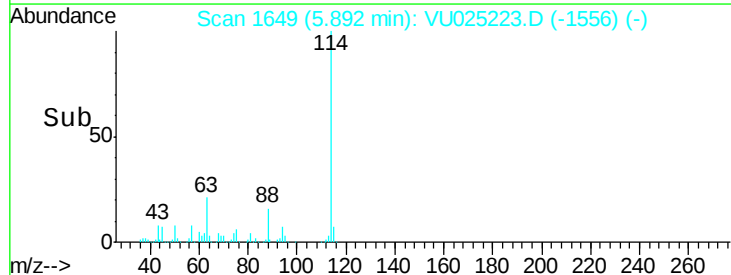
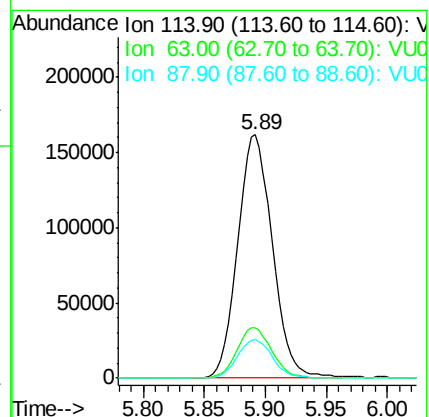
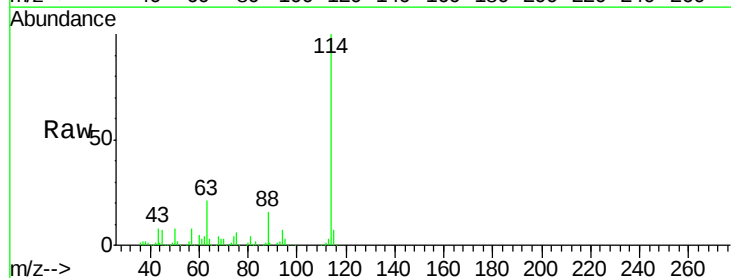
Tgt Ion: 114 Resp: 319318

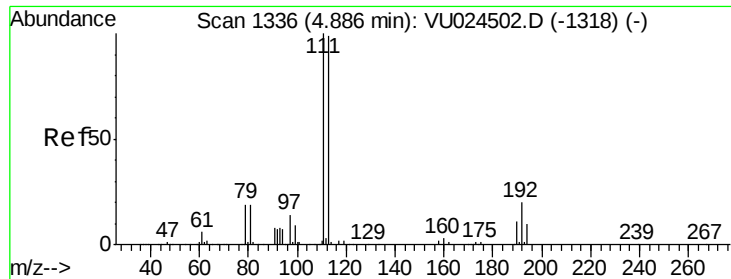
Ion Ratio Lower Upper

114 100

63 20.7 0.0 45.4

88 15.7 0.0 31.0

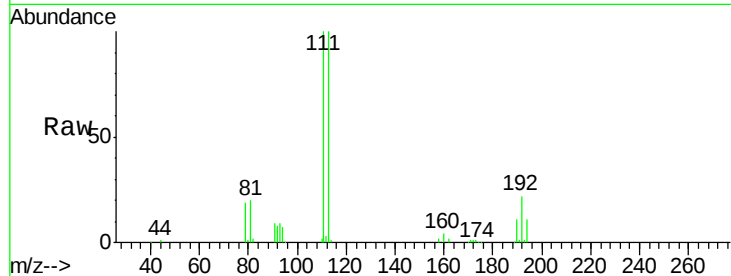




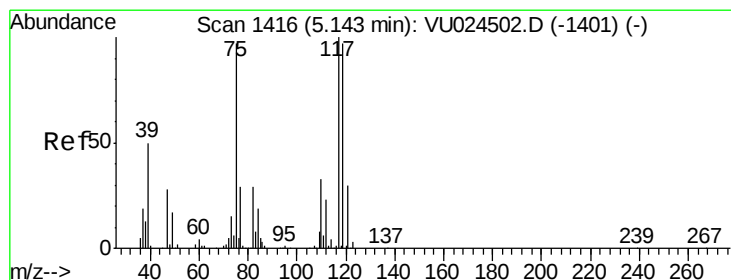
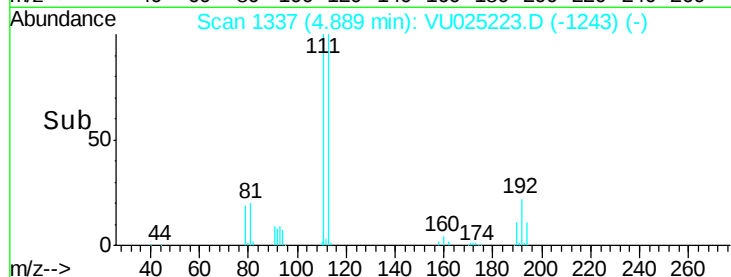
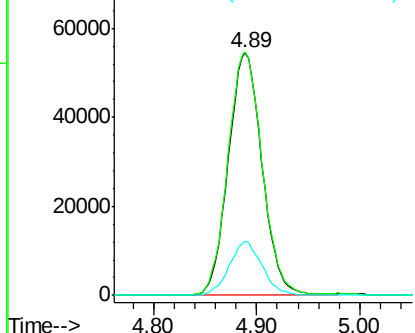
#35
 Dibromofluoromethane
 Concen: 47.07 ug/l
 RT: 4.89 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VU025223.D
 Acq: 05 Jul 2018 18:16

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.2	123.4
192	21.5	16.2	24.4

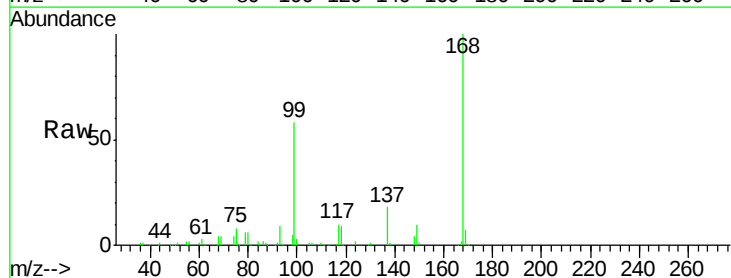


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

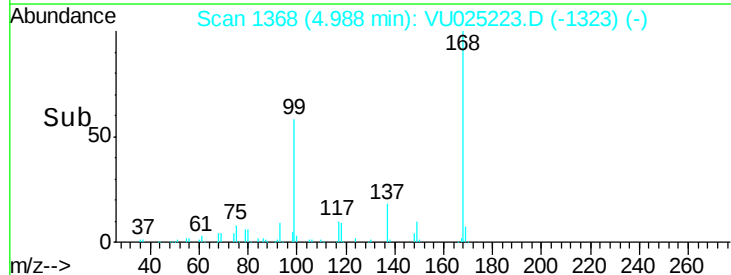
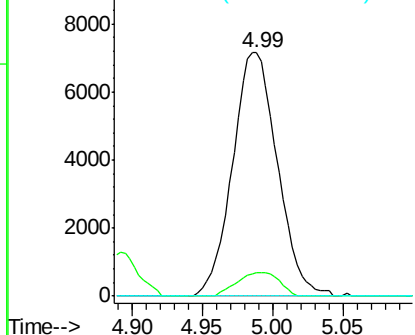


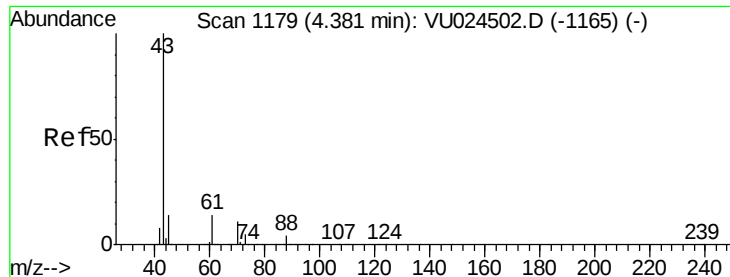
#36
 1,1-Dichloropropene
 Concen: 4.25 ug/l
 RT: 4.99 min Scan# 1368
 Delta R.T. -0.15 min
 Lab File: VU025223.D
 Acq: 05 Jul 2018 18:16

Tgt Ion	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

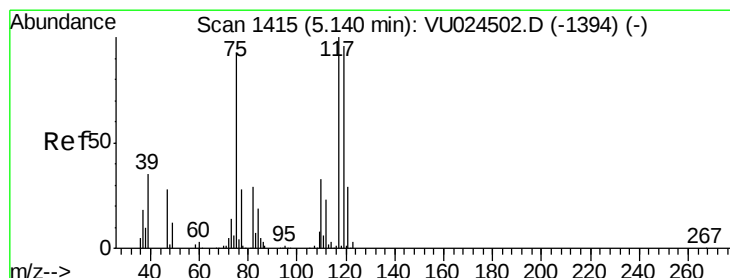
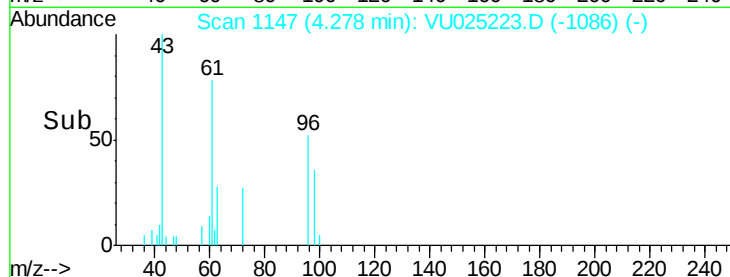
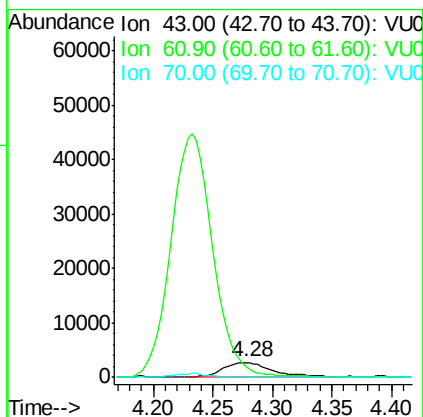
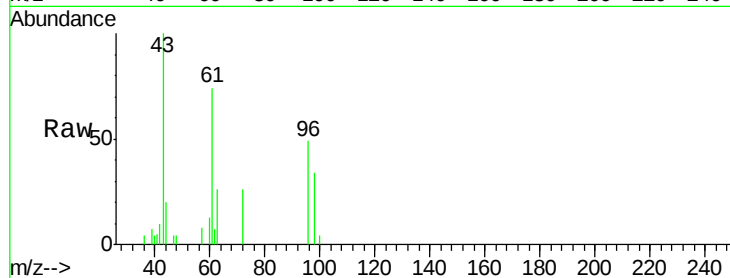




#37
Ethyl Acetate
Concen: 1.96 ug/l
RT: 4.28 min Scan# 1147
Delta R.T. -0.10 min
Lab File: VU025223.D
Acq: 05 Jul 2018 18:16

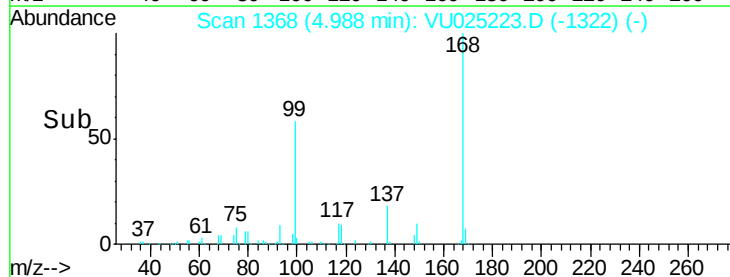
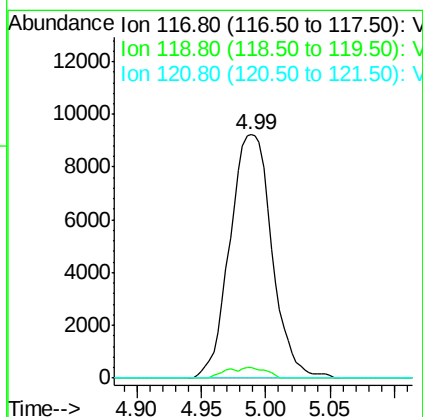
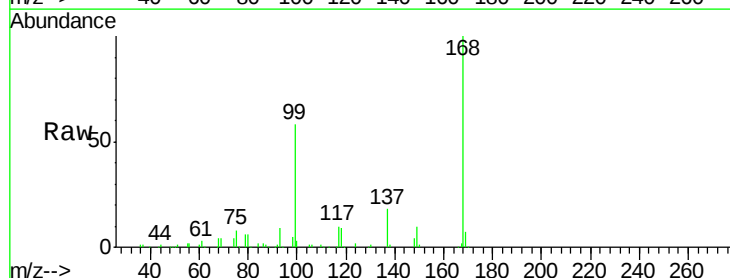
Instrument :
MSVOA_U
ClientSampled :

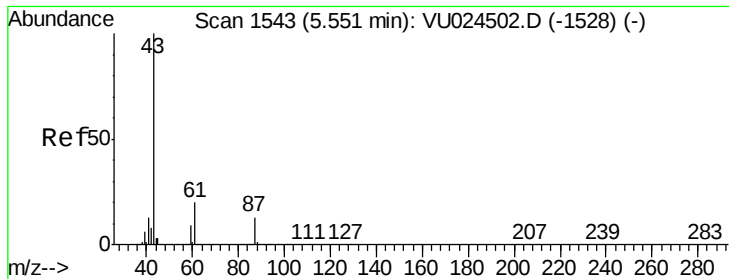
Tot Ion: 43 Resp: 8024
Ion Ratio Lower Upper
43 100
61 0.0 10.5 15.7#
70 0.0 7.4 11.2#



#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

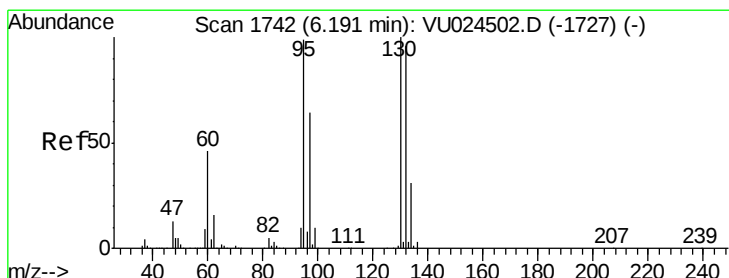
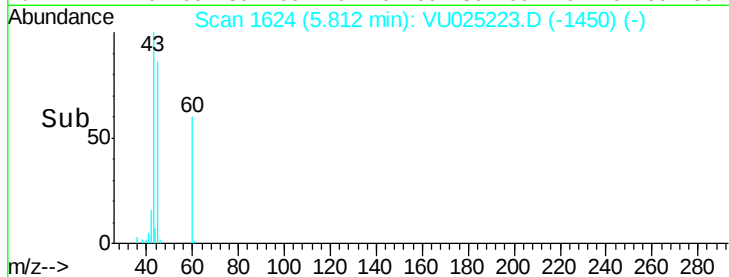
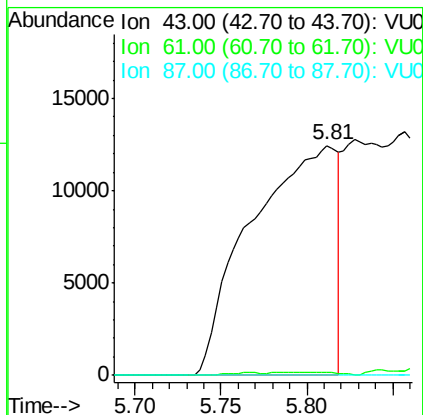
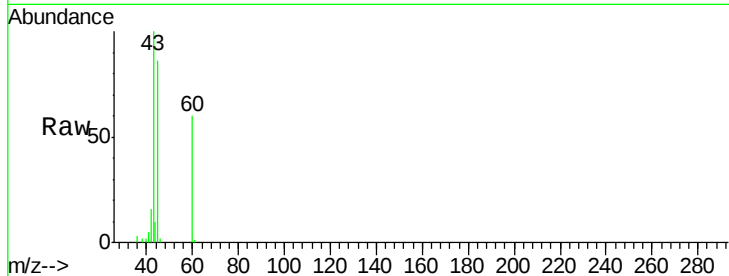
Delta R.T. 0.26 min

Lab File: VU025223.D

Acq: 05 Jul 2018 18:16

Instrument :
MSVOA_U
ClientSampleId :

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#



#44

Trichloroethene

Concen: 16.02 ug/l

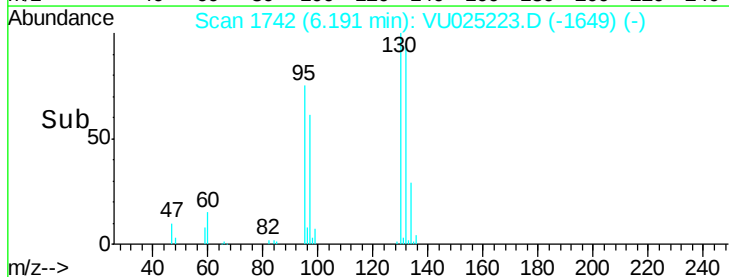
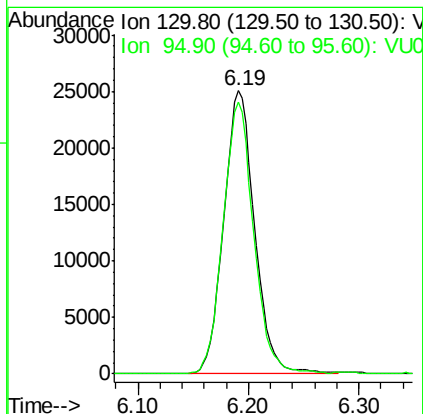
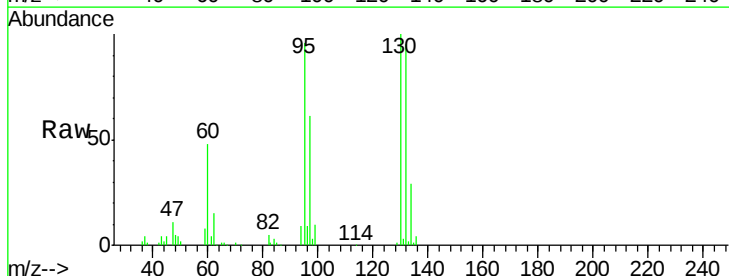
RT: 6.19 min Scan# 1742

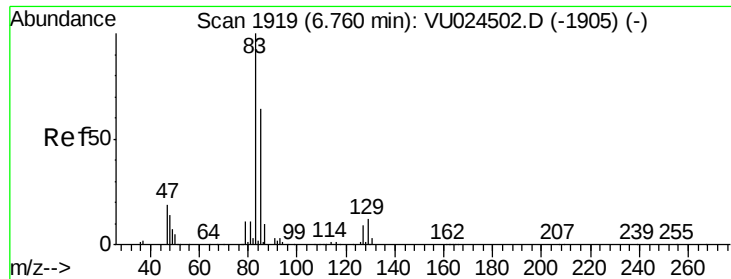
Delta R.T. -0.00 min

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





#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 :

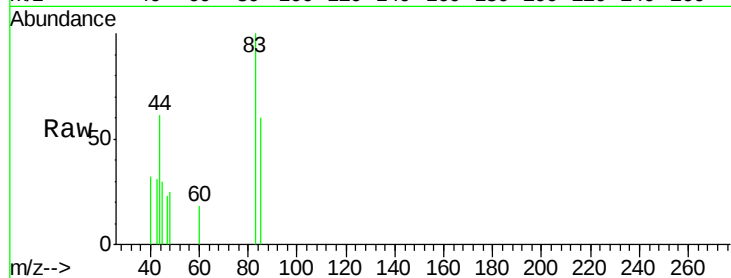
Tot Ion: 83 Resp: 1018

Ion Ratio Lower Upper

83 100

85 60.3 51.9 77.9

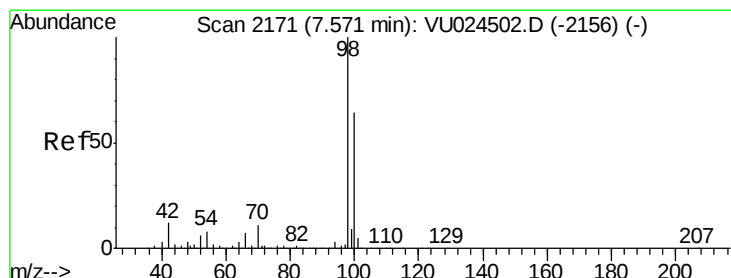
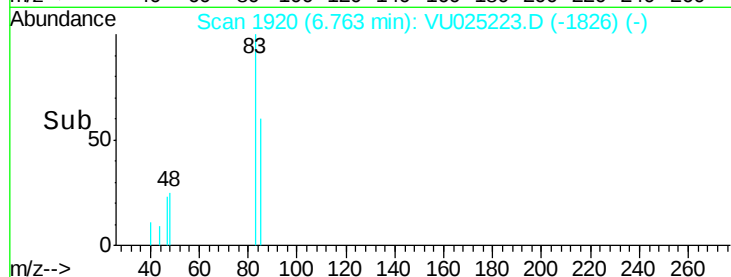
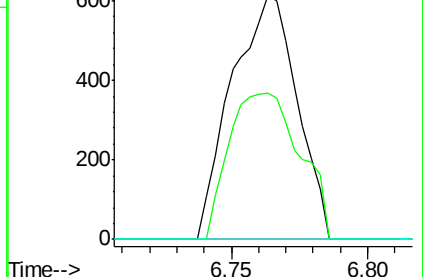
127 0.0 6.6 9.8#



Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 84.90 (84.60 to 85.60): VU0

Ion 126.80 (126.50 to 127.50): V



#50

Toluene-d8

Concen: 46.95 ug/l

RT: 7.57 min Scan# 2171

Delta R.T. -0.00 min

Lab File: VU025223.D

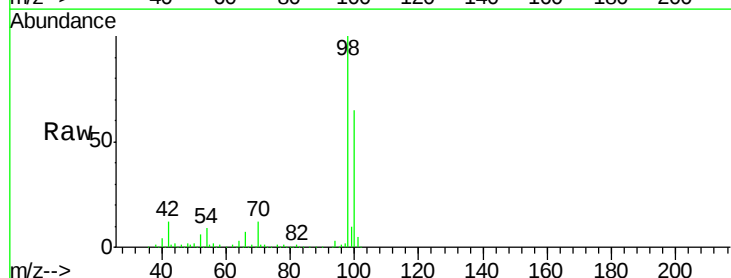
Acq: 05 Jul 2018 18:16

Tgt Ion: 98 Resp: 453797

Ion Ratio Lower Upper

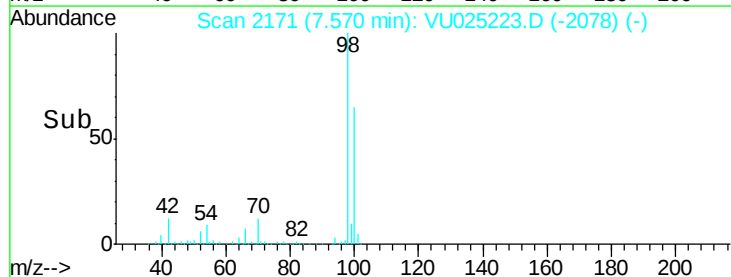
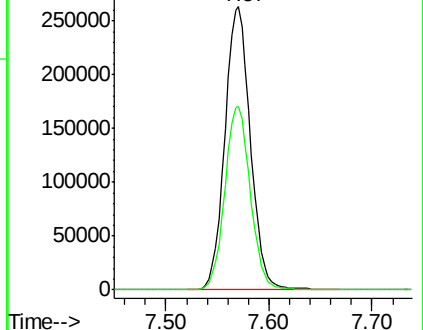
98 100

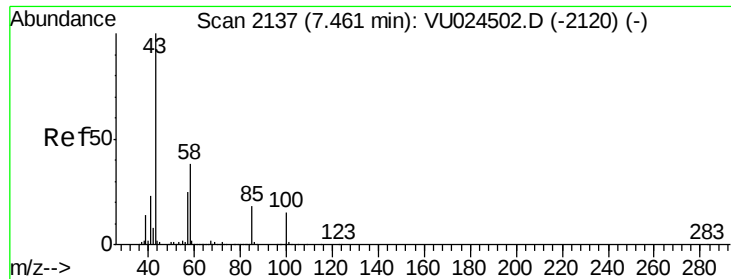
100 64.6 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU0

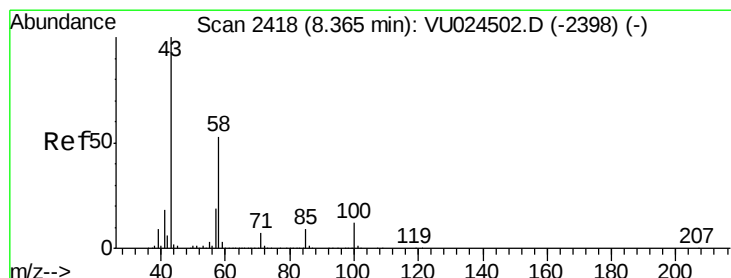
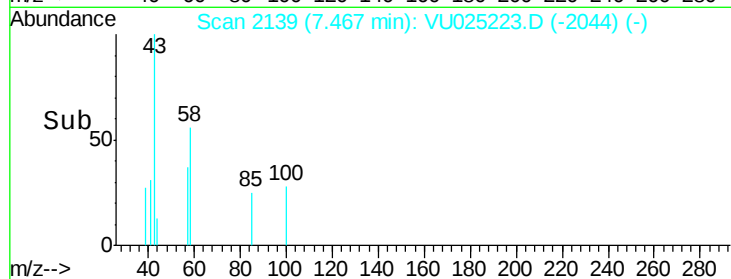
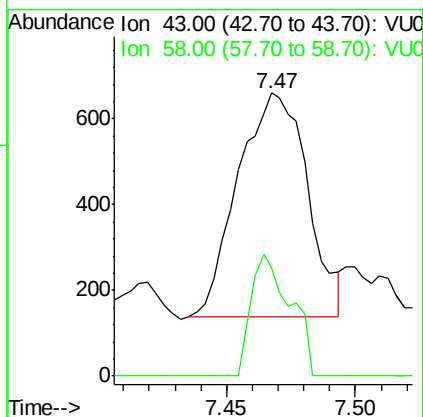
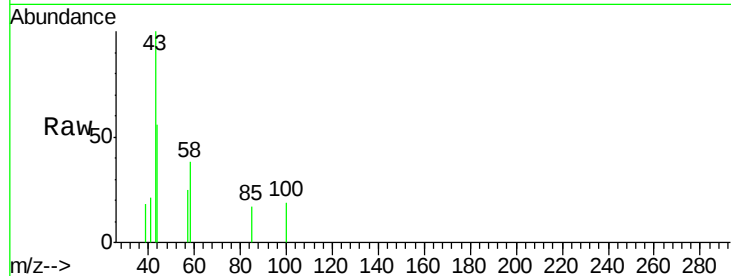




#51
4-Methyl-2-Pentanone
Concen: 0.22 ug/l
RT: 7.47 min Scan# 2139
Delta R.T. 0.01 min
Lab File: VU025223.D
Acq: 05 Jul 2018 18:16

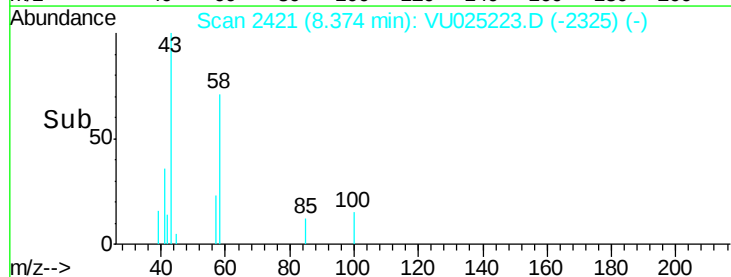
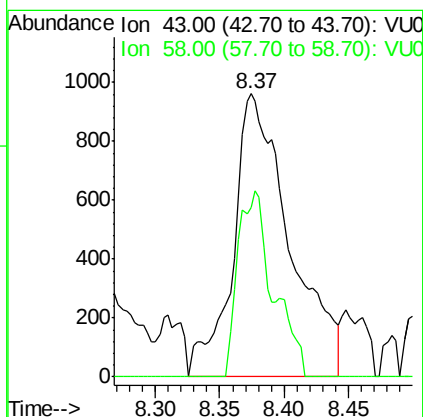
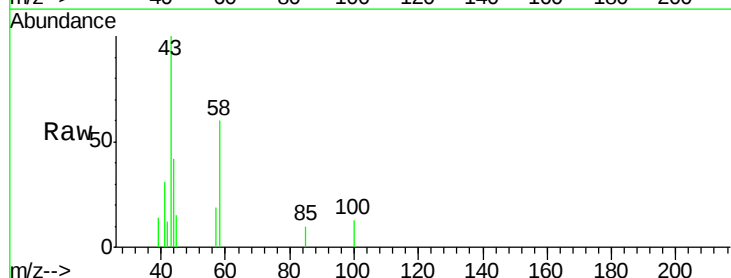
Instrument :
MSVOA_U
ClientSampled :

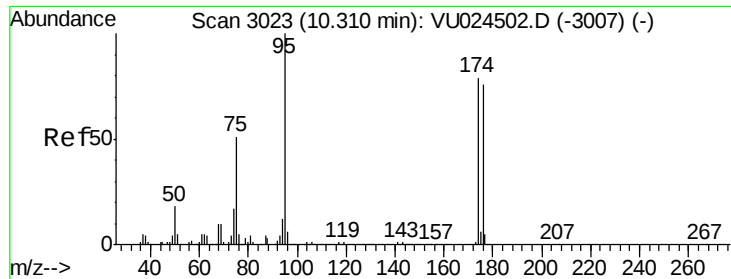
Tot Ion: 43 Resp: 978
Ion Ratio Lower Upper
43 100
58 31.0 30.0 45.0



#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

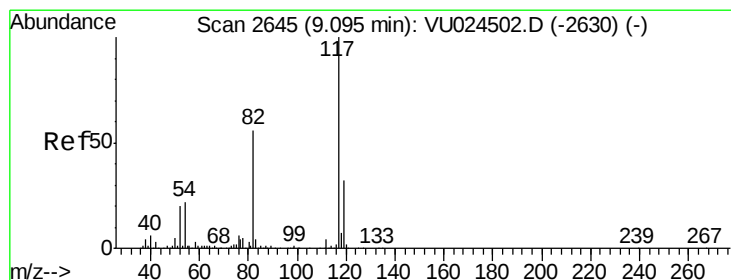
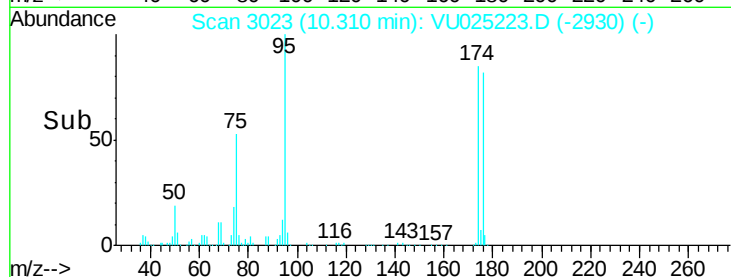
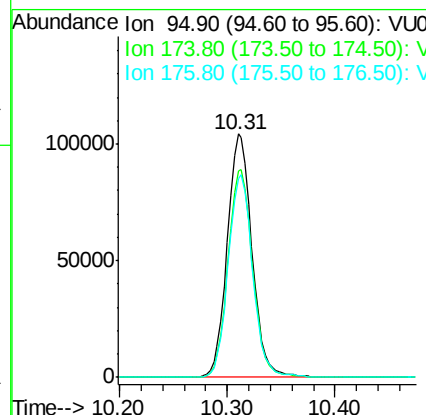
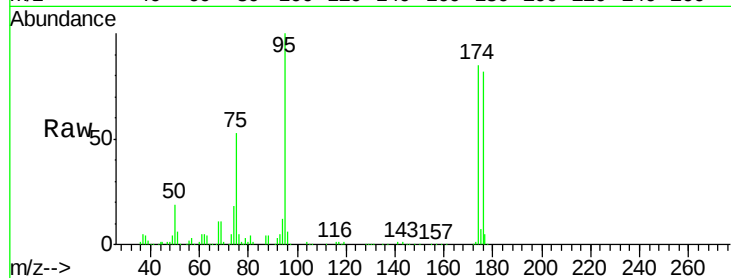




#62
4-Bromofluorobenzene
Concen: 43.37 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. -0.00 min
Lab File: VU025223.D
Acq: 05 Jul 2018 18:16

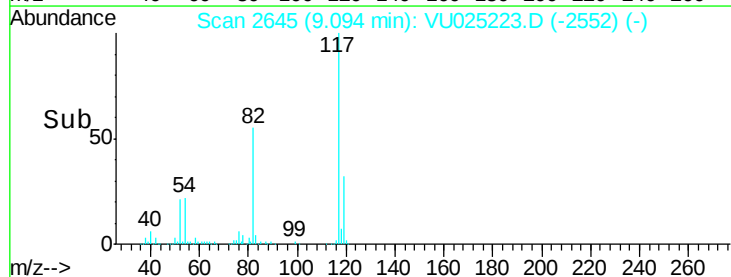
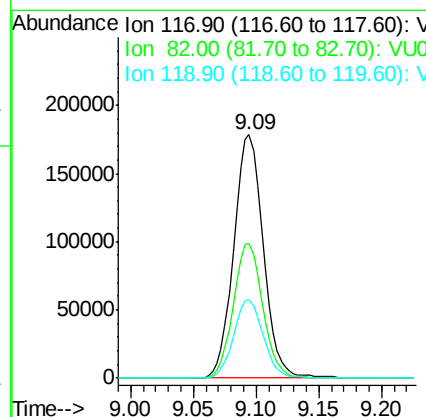
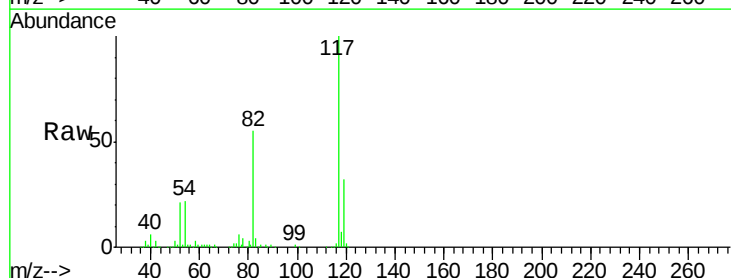
Instrument :
MSVOA_U
ClientSampled :

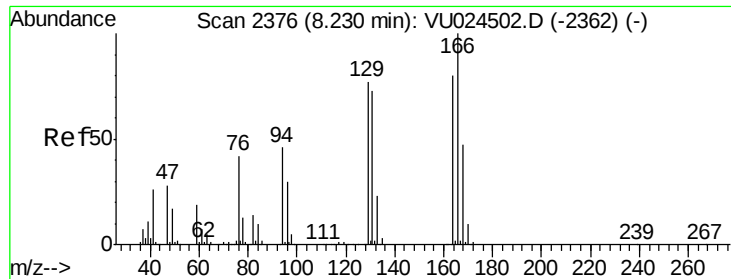
Tot Ion	95	Resp	166457
Ion	Ratio	Lower	Upper
95	100		
174	85.3	0.0	165.8
176	82.7	0.0	159.4



#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





#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
ClientSampled :

Tot Ion:164 Resp: 648

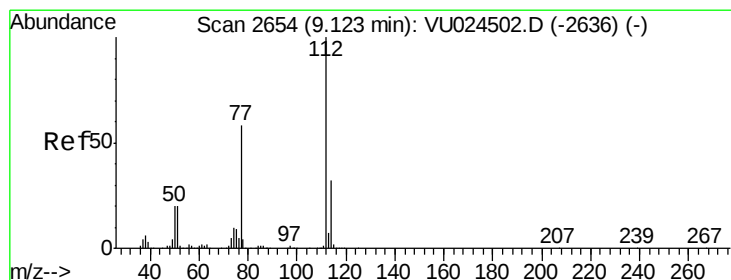
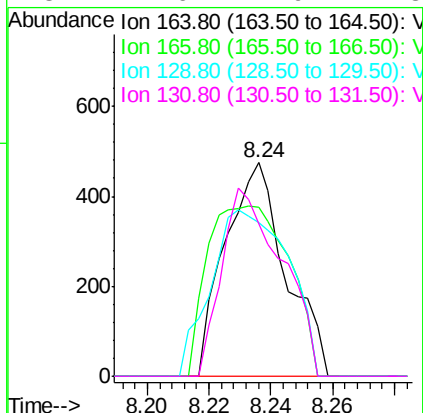
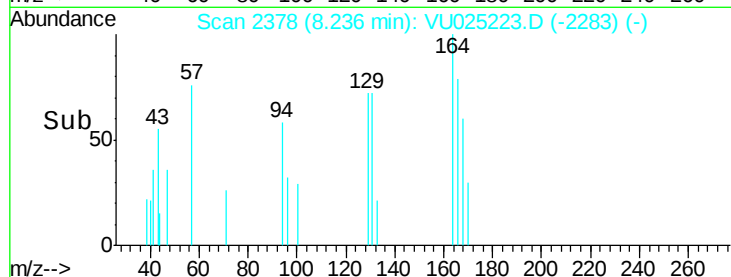
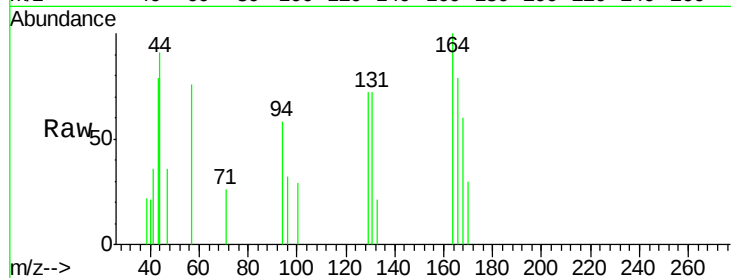
Ion Ratio Lower Upper

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

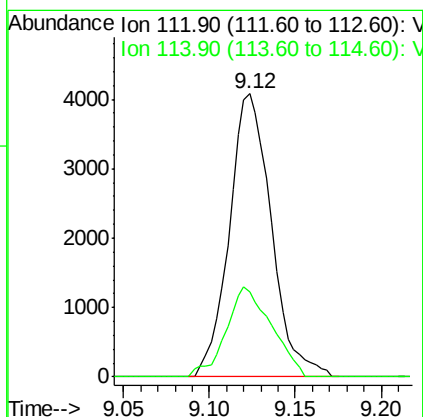
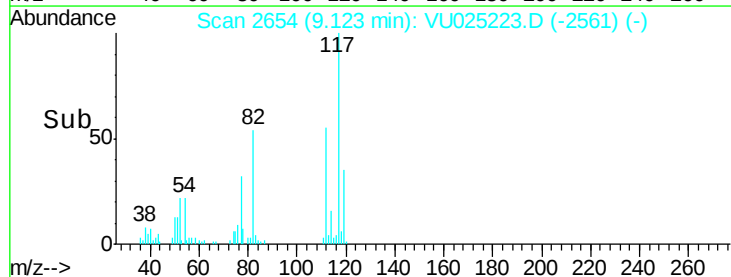
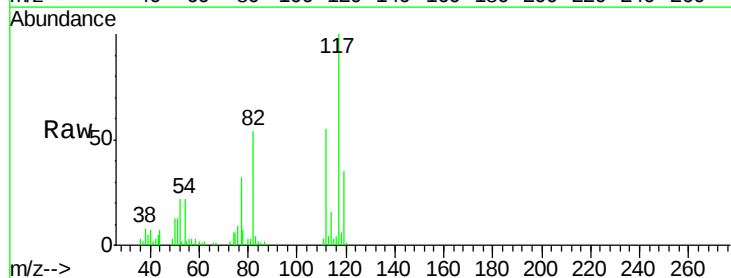
Acq: 05 Jul 2018 18:16

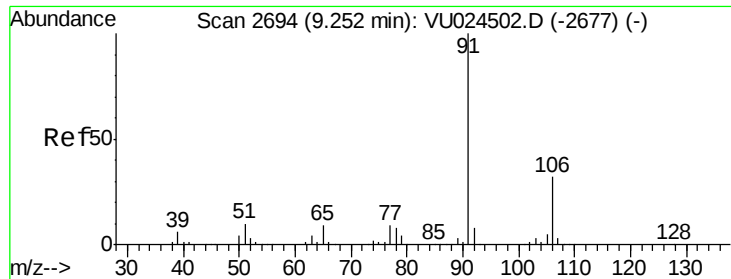
Tgt Ion:112 Resp: 6958

Ion Ratio Lower Upper

112 100

114 30.0 25.6 38.4

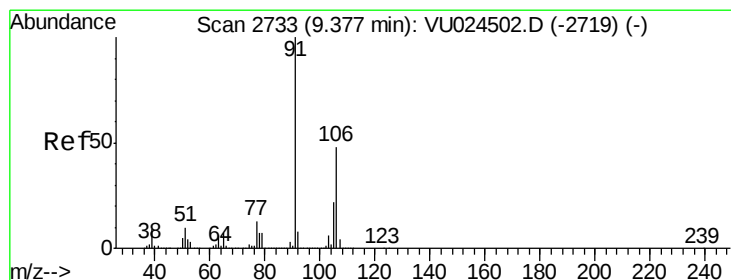
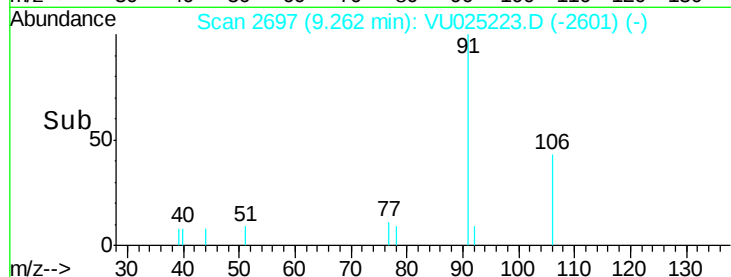
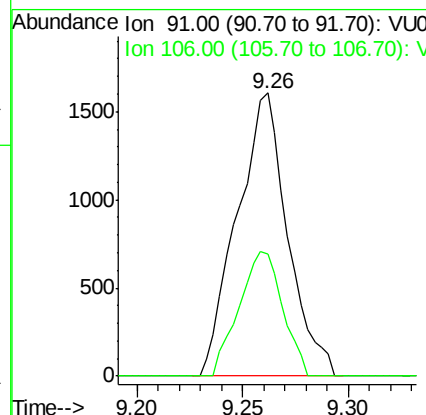
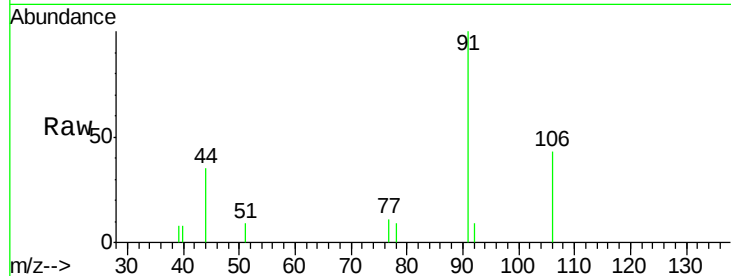




#67
Ethyl Benzene
Concen: 0.20 ug/l
RT: 9.26 min Scan# 2697
Delta R.T. 0.01 min
Lab File: VU025223.D
Acq: 05 Jul 2018 18:16

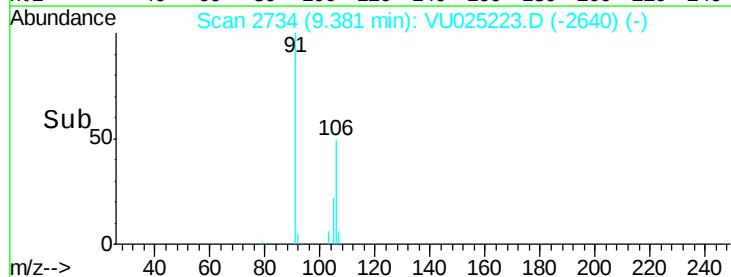
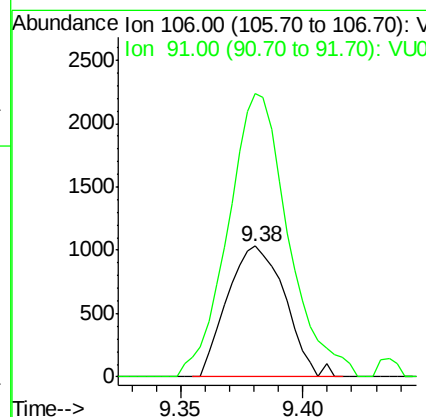
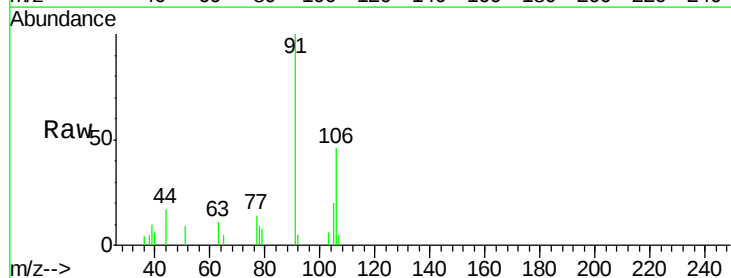
Instrument :
MSVOA_U
ClientSampleId :

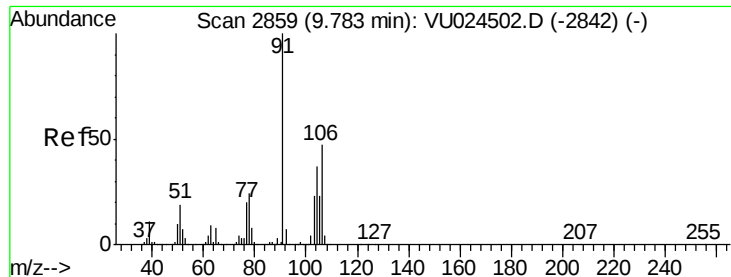
Tot Ion: 91 Resp: 2672
Ion Ratio Lower Upper
91 100
106 43.1 24.2 36.4#



#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

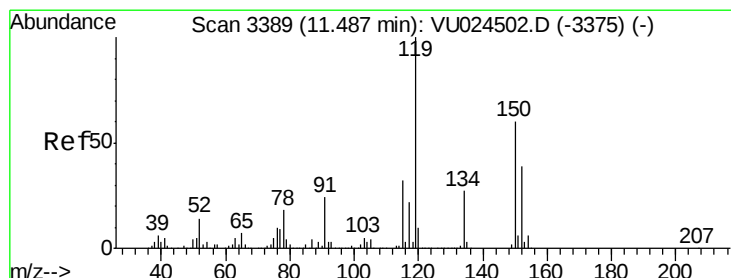
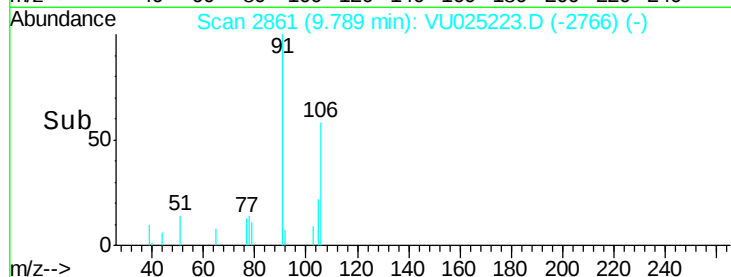
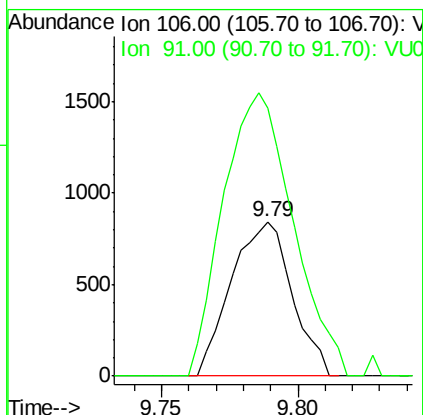
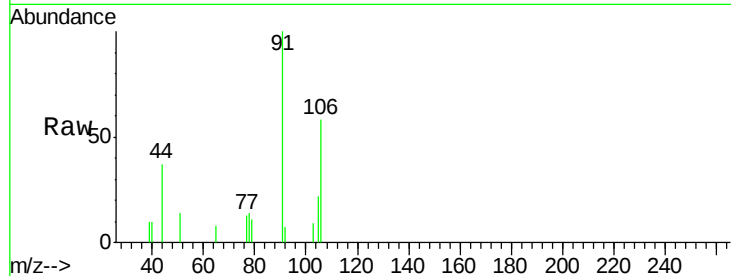




#69
o-Xylene
Concen: 0.26 ug/l
RT: 9.79 min Scan# 2861
Delta R.T. 0.01 min
Lab File: VU025223.D
Acq: 05 Jul 2018 18:16

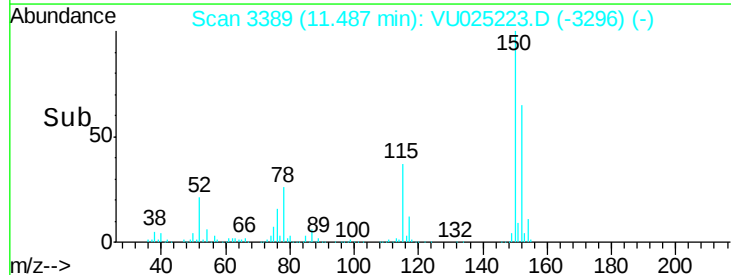
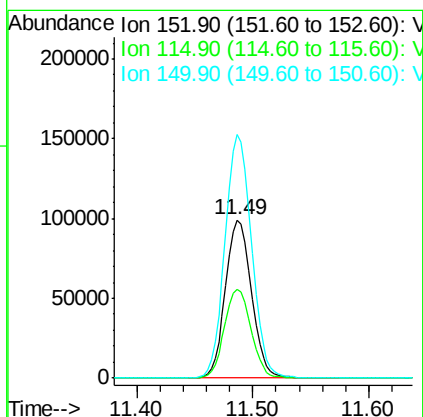
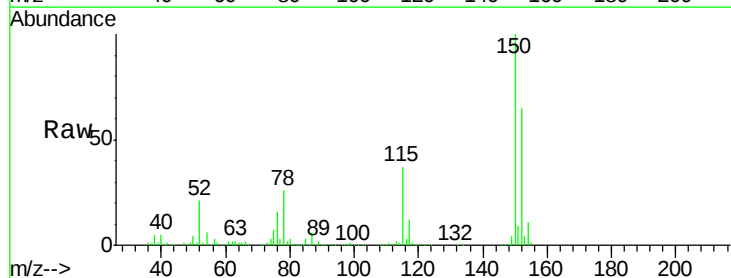
Instrument :
MSVOA_U
ClientSampleId :

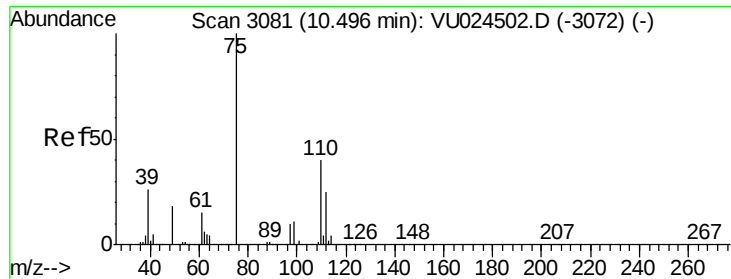
Tot Ion:106 Resp: 1305
Ion Ratio Lower Upper
106 100
91 210.8 110.7 331.9



#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

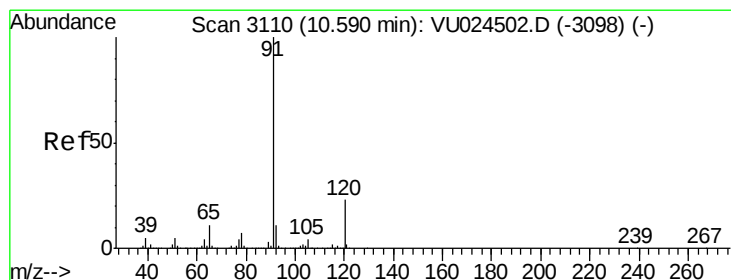
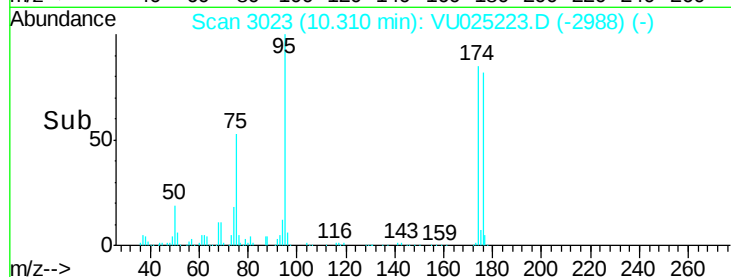
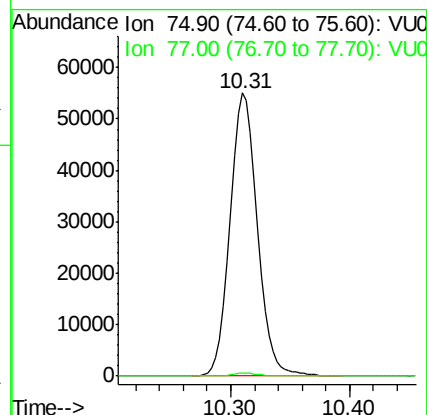
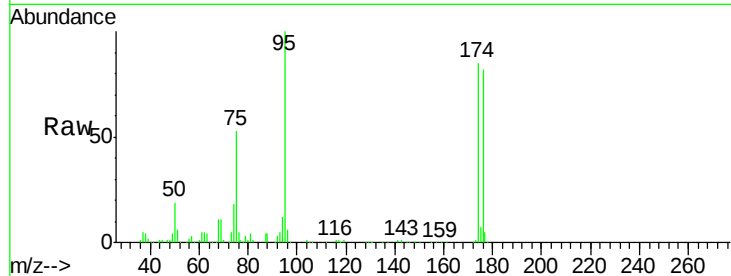
ClientSampleId :

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

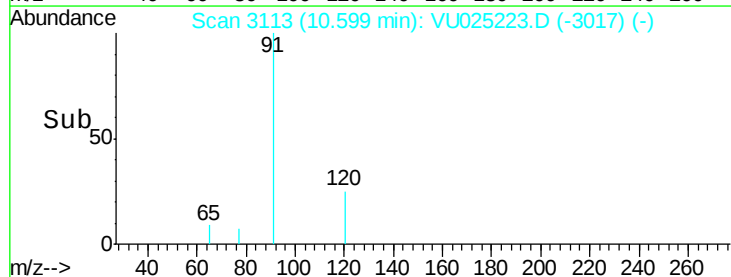
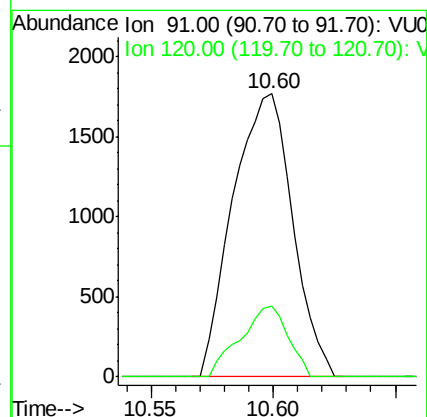
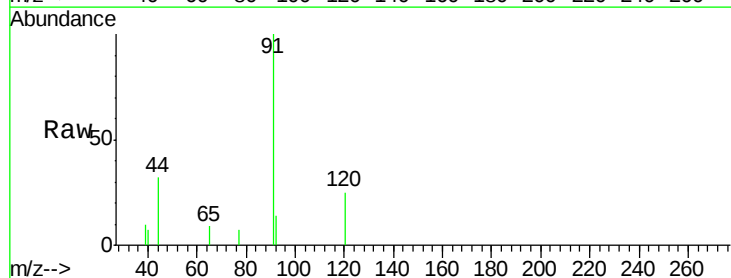
Acq: 05 Jul 2018 18:16

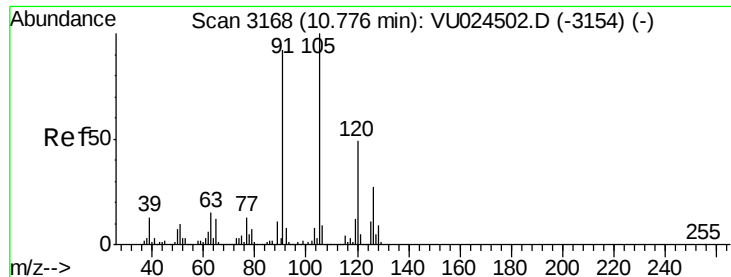
Tgt Ion: 91 Resp: 2996

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

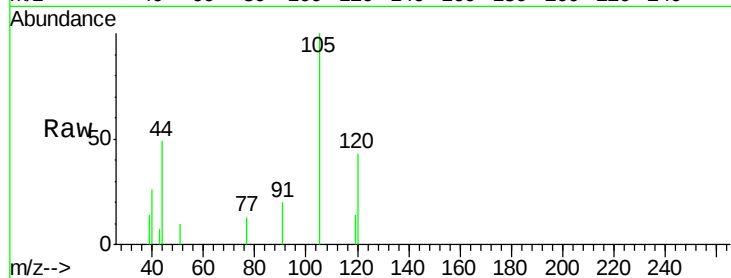
ClientSampled :

Tot Ion:105 Resp: 2268

Ion Ratio Lower Upper

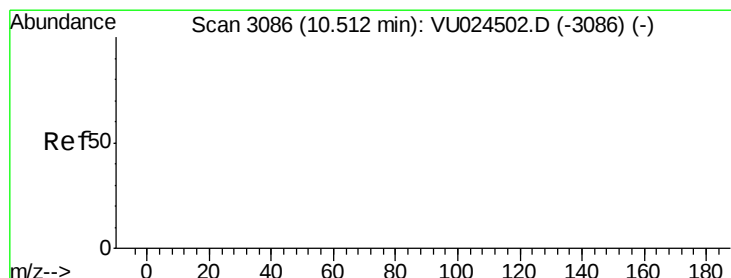
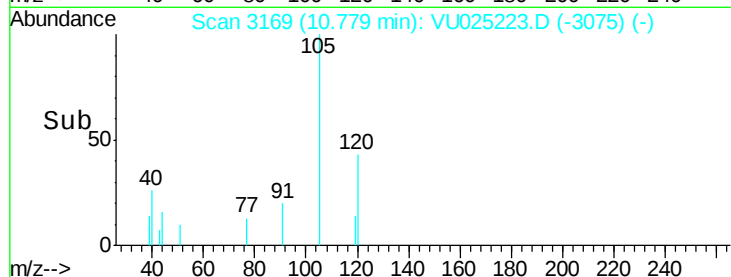
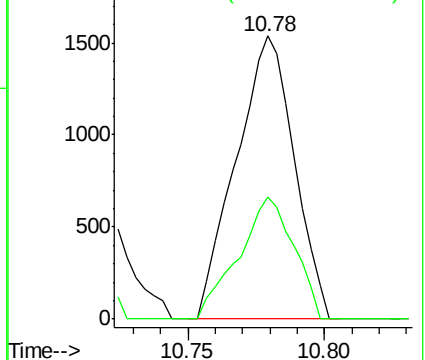
105 100

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

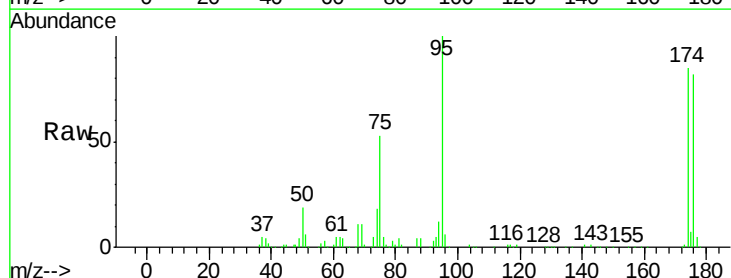
Tgt Ion: 75 Resp: 87735

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

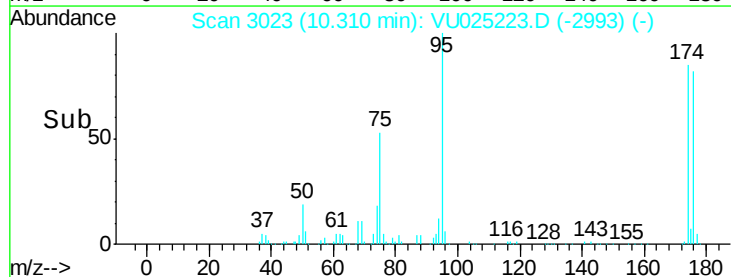
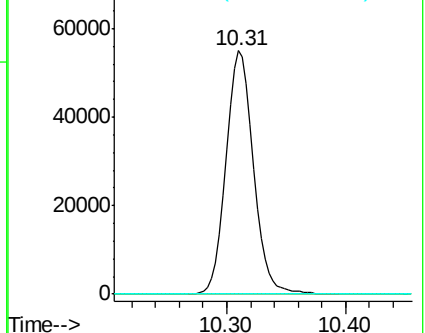
89 0.0 0.0 0.0

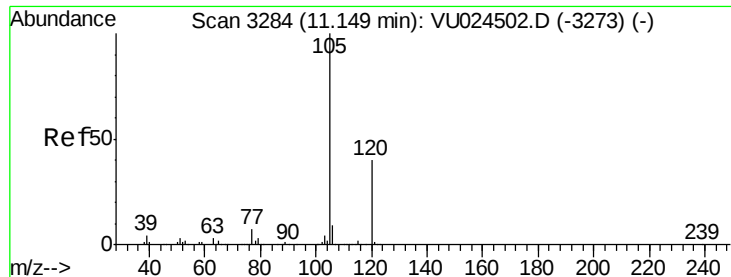


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0

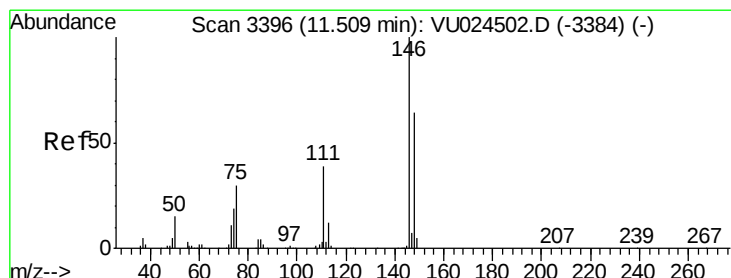
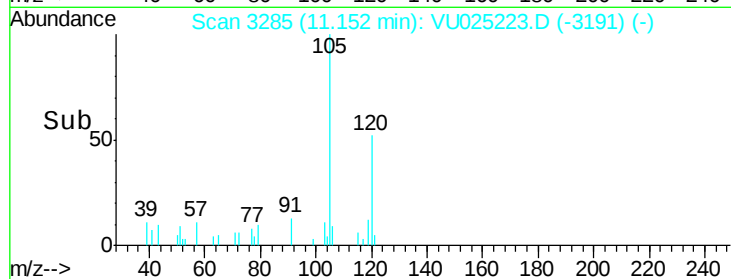
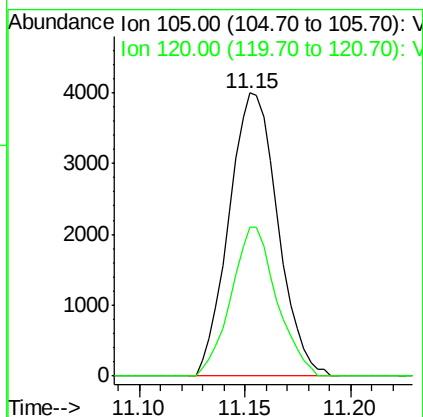
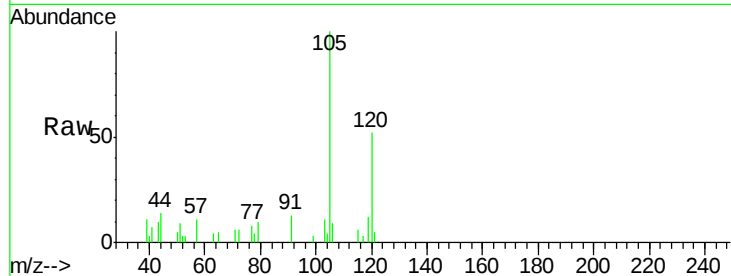




#84
 1,2,4-Trimethylbenzene
 Concen: 0.62 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU025223.D
 Acq: 05 Jul 2018 18:16

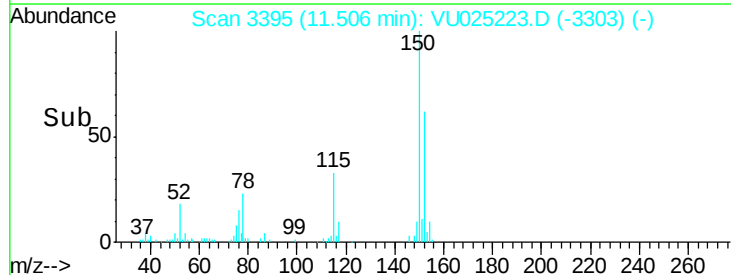
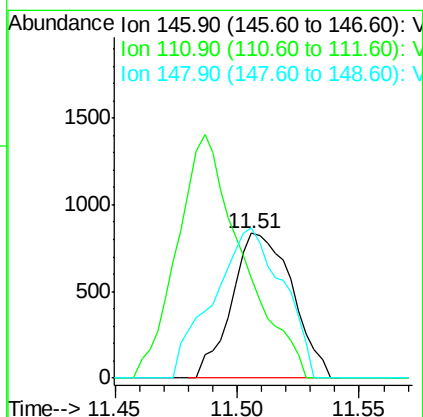
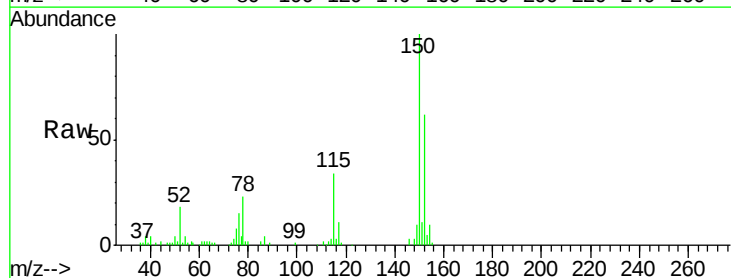
Instrument :
 MSVOA_U
 ClientSampleId :

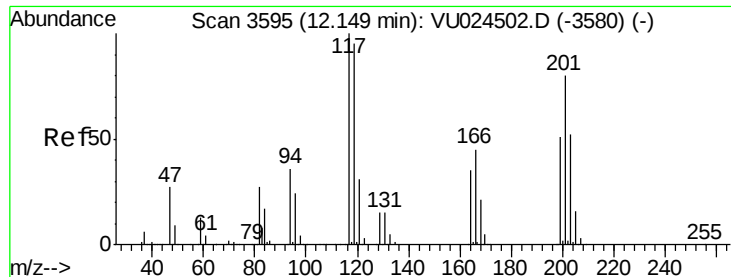
Tot Ion:105 Resp: 6432
 Ion Ratio Lower Upper
 105 100
 120 49.0 22.6 67.8



#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

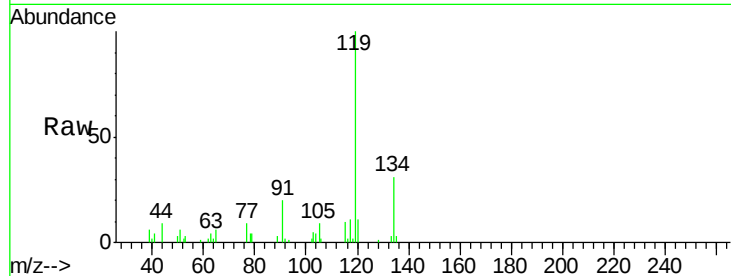
ClientSampleId :

Tot Ion:117 Resp: 1627

Ion Ratio Lower Upper

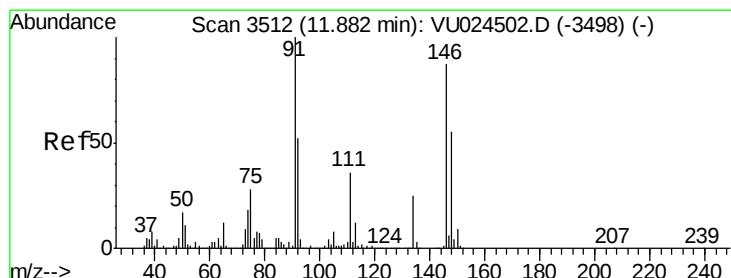
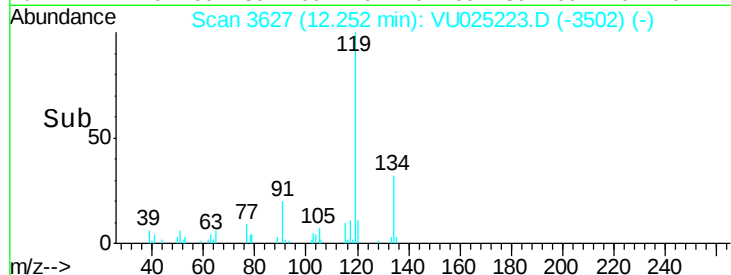
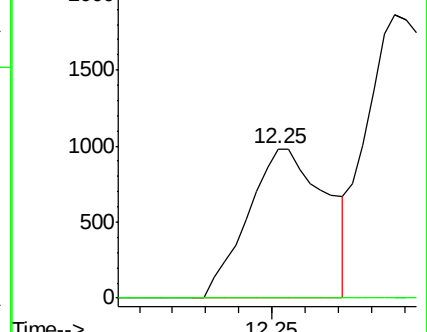
117 100

201 0.0 41.1 123.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#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

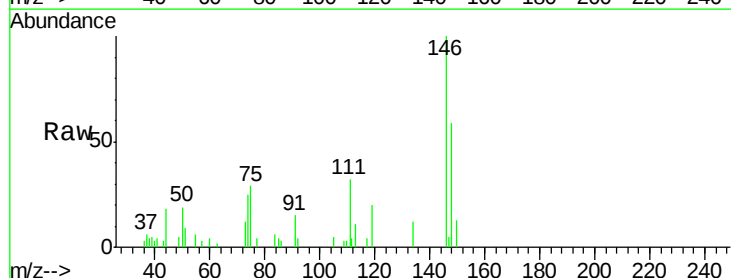
Tgt Ion:146 Resp: 6547

Ion Ratio Lower Upper

146 100

111 35.9 20.5 61.6

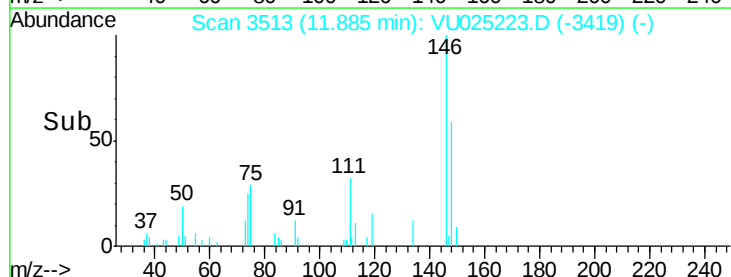
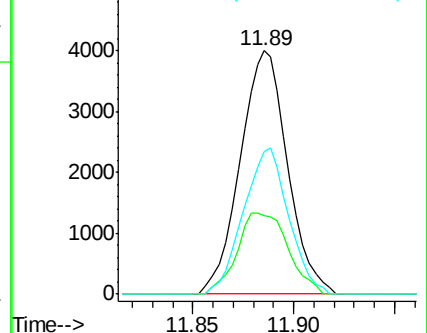
148 57.5 31.9 95.7

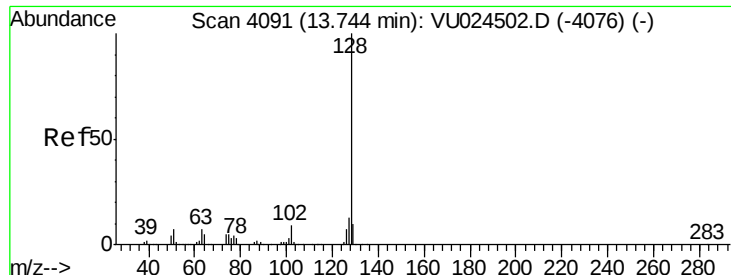


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

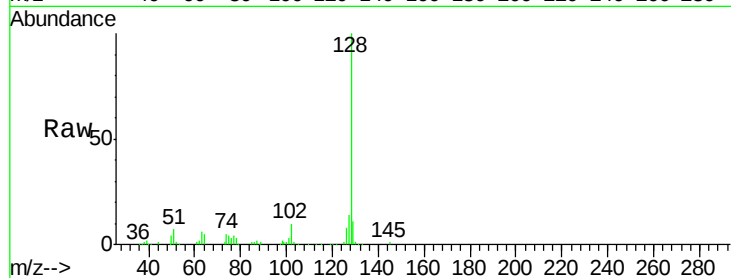




#95
 Naphthalene
 Concen: 12.61 ug/l
 RT: 13.75 min Scan# 4092
 Delta R.T. 0.00 min
 Lab File: VU025223.D
 Acq: 05 Jul 2018 18:16

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.6	16.0
129	11.4	8.6	12.8



Abundance Ion 128.00 (127.70 to 128.70): V

