

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070518\
 Data File : VU025225.D
 Acq On : 05 Jul 2018 19:05
 Operator : MD/SY
 Sample : J3840-18
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TP-4-D

Quant Time: Jul 06 05:16:51 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	207640	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	314640	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	288863	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	153782	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	157722	46.53	ug/l	0.00
Spiked Amount			Recovery	=	93.06%	
35) Dibromofluoromethane	4.89	113	122675	46.98	ug/l	0.00
Spiked Amount			Recovery	=	93.96%	
50) Toluene-d8	7.57	98	445402	46.76	ug/l	0.00
Spiked Amount			Recovery	=	93.52%	
62) 4-Bromofluorobenzene	10.31	95	167477	44.29	ug/l	0.00
Spiked Amount			Recovery	=	88.58%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	1286	0.48	ug/l	95
4) Vinyl Chloride	1.40	62	2920	1.07	ug/l	90
5) Bromomethane	1.64	94	562	0.42	ug/l	97
6) Chloroethane	1.69	64	135	Below Cal	#	43
11) Tert butyl alcohol	2.83	59	2601	3.15	ug/l	# 72
16) Acetone	2.32	43	11152	6.12	ug/l	97
18) Methyl Acetate	2.62	43	19103	4.89	ug/l	99
20) Methylene Chloride	2.71	84	21079	7.38	ug/l	95
25) 2-Butanone	4.27	43	7079	2.89	ug/l	# 90
27) cis-1,2-Dichloroethene	4.23	96	22682	7.58	ug/l	92
28) Bromochloromethane	4.67	49	632	0.29	ug/l	# 16
29) Tetrahydrofuran	4.64	42	390	0.26	ug/l	# 74
30) Chloroform	4.68	83	6599	1.30	ug/l	96
31) Cyclohexane	4.98	56	4146	Below Cal	#	13
36) 1,1-Dichloropropene	4.99	75	15428	4.17	ug/l	# 51
37) Ethyl Acetate	4.27	43	7079	1.76	ug/l	# 70
38) Carbon Tetrachloride	4.99	117	20063	4.93	ug/l	# 15
43) Isopropyl Acetate	5.81	43	61224	8.79	ug/l	# 62
44) Trichloroethene	6.19	130	21461	7.16	ug/l	97
47) Bromodichloromethane	6.76	83	1964	0.50	ug/l	92
51) 4-Methyl-2-Pentanone	7.47	43	1177	0.27	ug/l	# 59
52) Toluene	7.65	92	2189	0.32	ug/l	94
59) 2-Hexanone	8.38	43	2034	0.57	ug/l	96
65) Chlorobenzene	9.12	112	2378	0.32	ug/l	97
67) Ethyl Benzene	9.26	91	8788	0.68	ug/l	# 80
68) m/p-Xylenes	9.38	106	11225	2.26	ug/l	98
69) o-Xylene	9.78	106	3154	0.64	ug/l	90
76) 1,2,3-Trichloropropane	10.31	75	87241	25.77	ug/l	# 35
80) 1,3,5-Trimethylbenzene	10.78	105	3787	0.37	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.31	75	87241	59.64	ug/l	# 100
84) 1,2,4-Trimethylbenzene	11.15	105	13672	1.31	ug/l	97
95) Naphthalene	13.75	128	101434	9.53	ug/l	100

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QLast Update : Wed Jun 13 13:55:26 2018
Response via : Initial Calibration

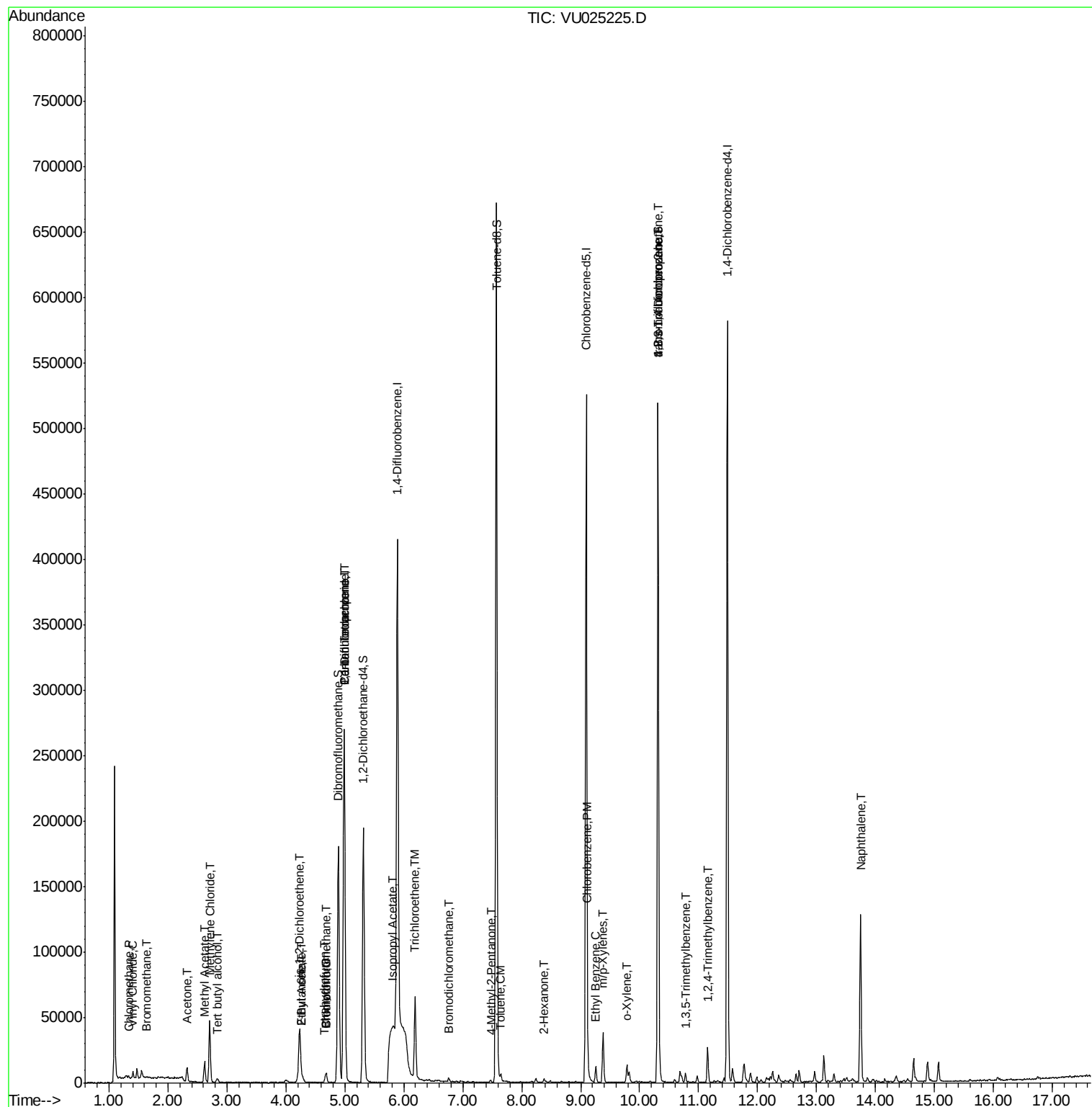
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#)=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: VU025225.D

Acq: 05 Jul 2018 19:05

Instrument :

MSVOA_U

ClientSampleId :

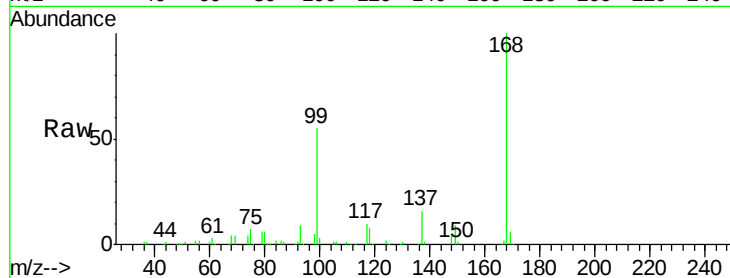
TP-4-D

Tot Ion:168 Resp: 207640

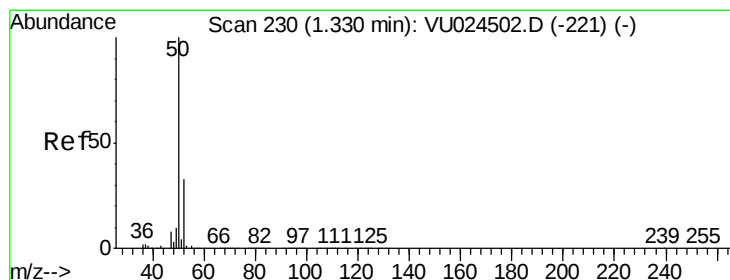
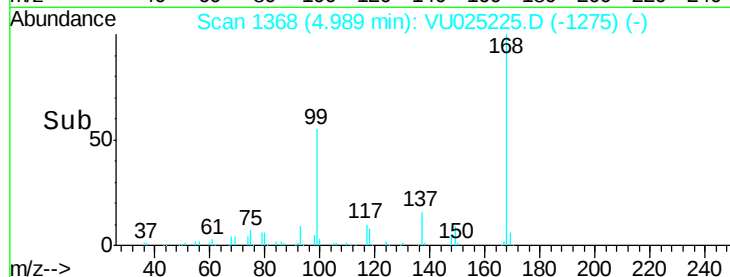
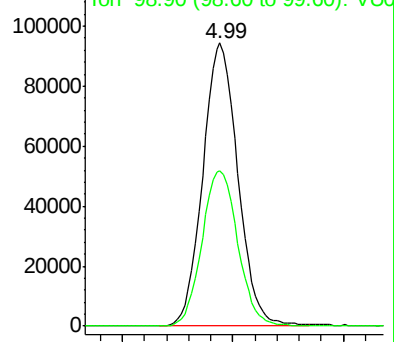
Ion Ratio Lower Upper

168 100

99 54.9 43.2 64.8



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



#3

Chloromethane

Concen: 0.48 ug/l

RT: 1.33 min Scan# 230

Delta R.T. -0.00 min

Lab File: VU025225.D

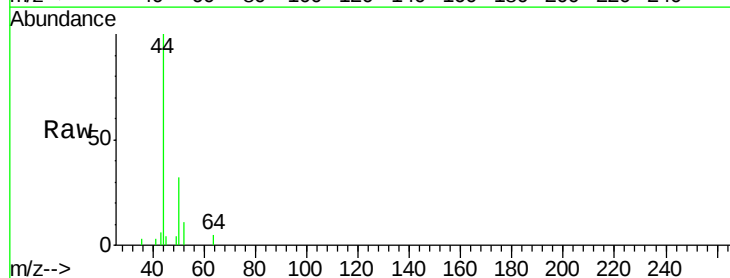
Acq: 05 Jul 2018 19:05

Tgt Ion: 50 Resp: 1286

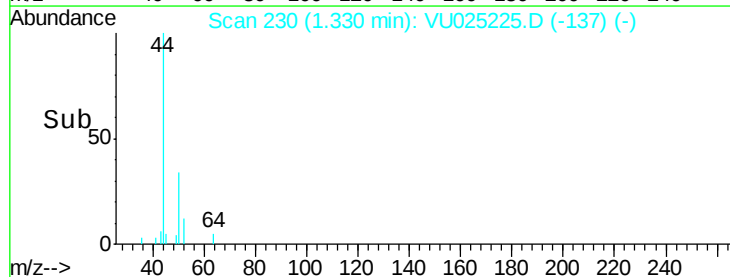
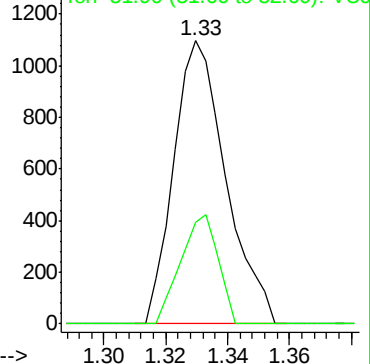
Ion Ratio Lower Upper

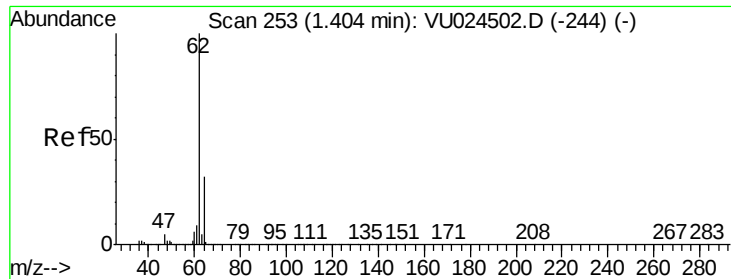
50 100

52 35.7 26.4 39.6



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





#4

Vinyl Chloride

Concen: 1.07 ug/l

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU025225.D

Acq: 05 Jul 2018 19:05

Instrument :

MSVOA_U

ClientSampleID :

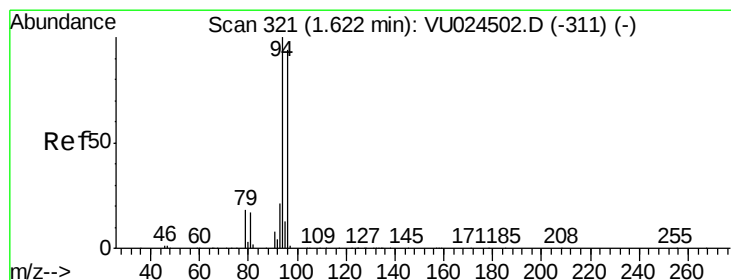
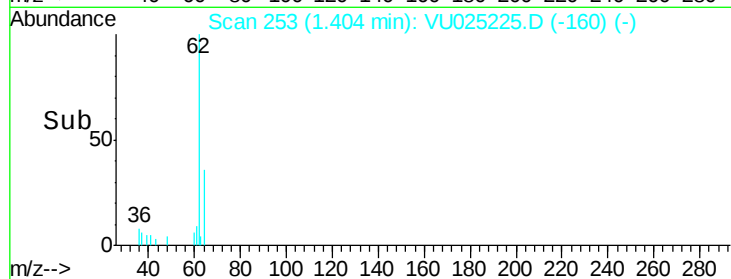
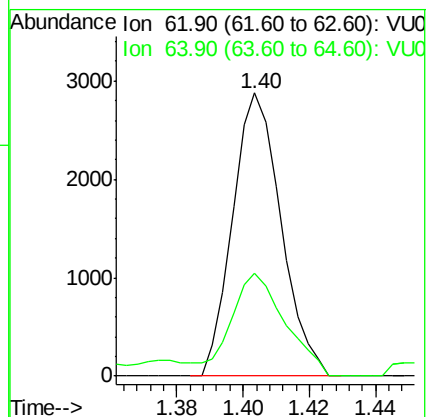
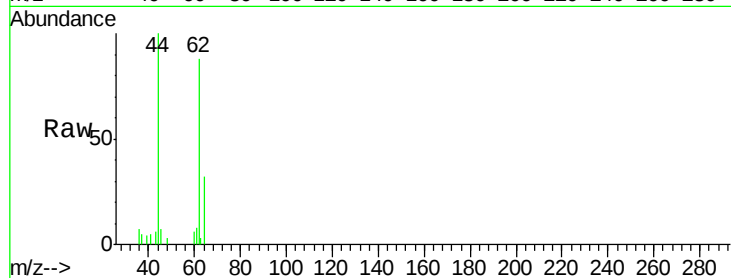
TP-4-D

Tot Ion: 62 Resp: 2920

Ion Ratio Lower Upper

62 100

64 36.4 24.8 37.2



#5

Bromomethane

Concen: 0.42 ug/l

RT: 1.64 min Scan# 326

Delta R.T. 0.02 min

Lab File: VU025225.D

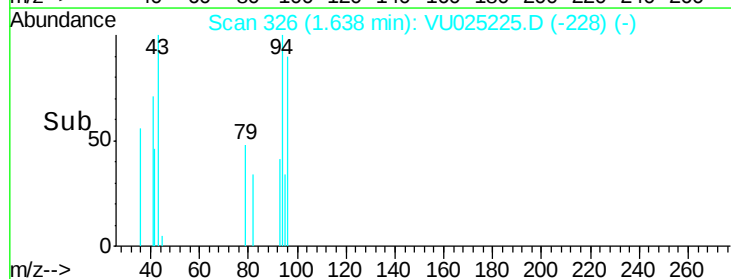
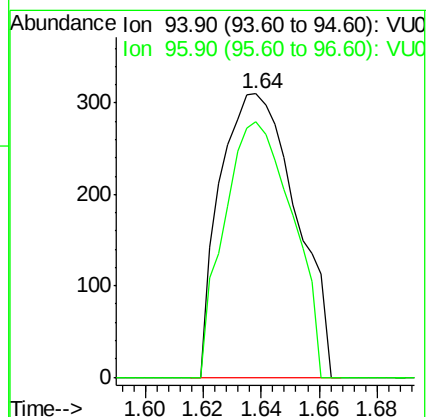
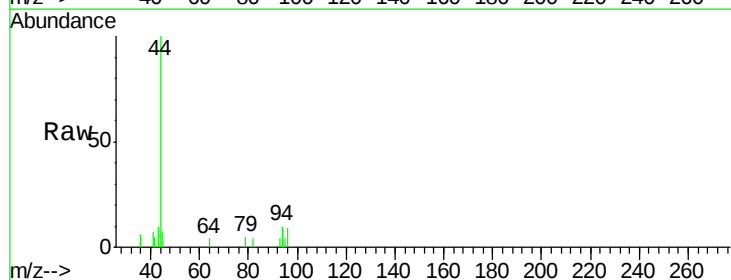
Acq: 05 Jul 2018 19:05

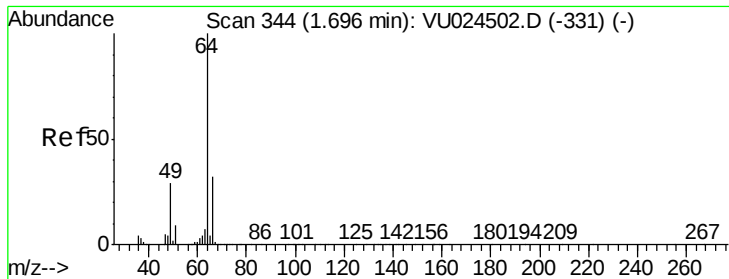
Tgt Ion: 94 Resp: 562

Ion Ratio Lower Upper

94 100

96 90.3 74.5 111.7





#6

Chloroethane

Concen: Below Cal

RT: 1.69 min Scan# 342

Delta R.T. -0.01 min

Lab File: VU025225.D

Acq: 05 Jul 2018 19:05

Instrument :

MSVOA_U

ClientSampled :

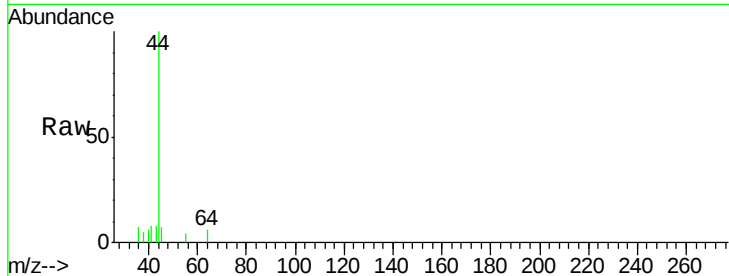
TP-4-D

Tot Ion: 64 Resp: 135

Ion Ratio Lower Upper

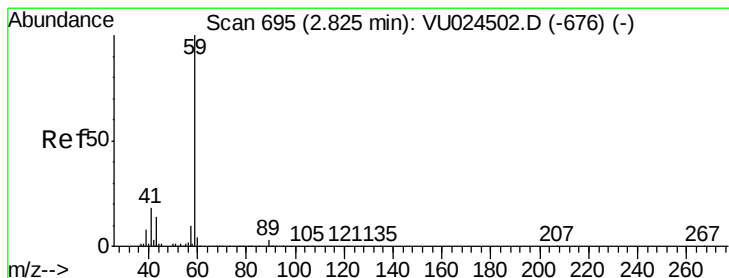
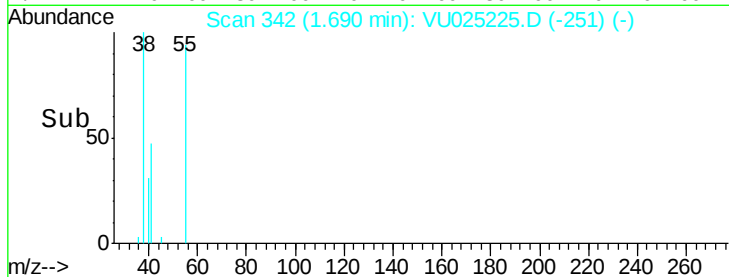
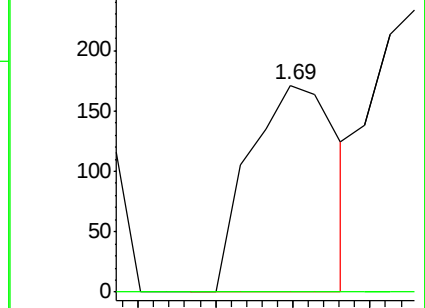
64 100

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: 3.15 ug/l

RT: 2.83 min Scan# 696

Delta R.T. 0.00 min

Lab File: VU025225.D

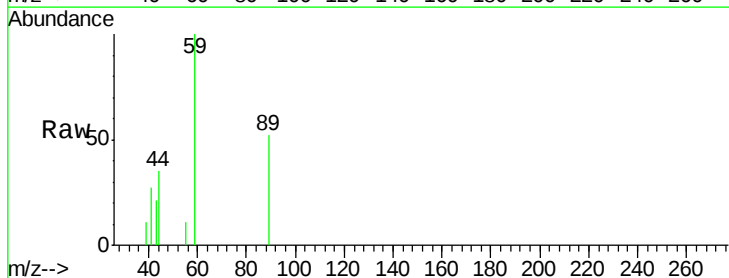
Acq: 05 Jul 2018 19:05

Tgt Ion: 59 Resp: 2601

Ion Ratio Lower Upper

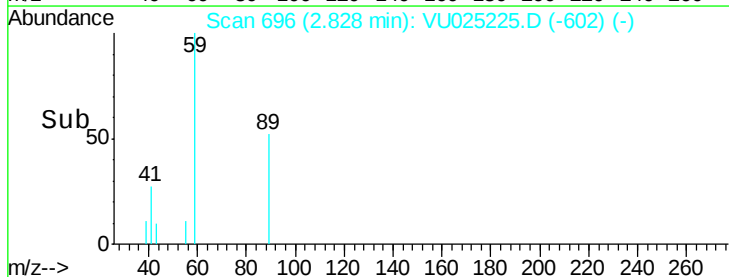
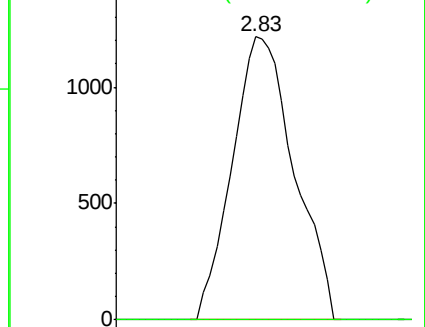
59 100

57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0





#16

Acetone

Concen: 6.12 ug/l

RT: 2.32 min Scan# 539

Delta R.T. -0.00 min

Lab File: VU025225.D

Acq: 05 Jul 2018 19:05

Instrument :

MSVOA_U

ClientSampleId :

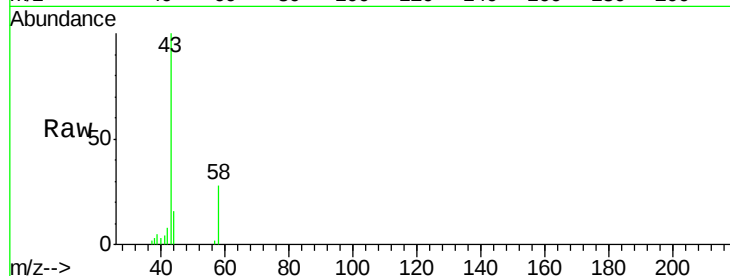
TP-4-D

Tot Ion: 43 Resp: 11152

Ion Ratio Lower Upper

43 100

58 28.9 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

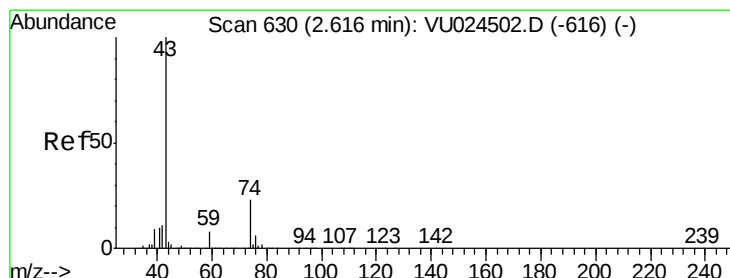
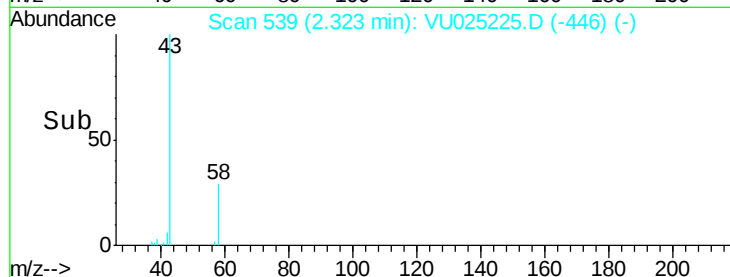
4000

2000

0

Time-->

2.25 2.30 2.35 2.40



#18

Methyl Acetate

Concen: 4.89 ug/l

RT: 2.62 min Scan# 631

Delta R.T. 0.00 min

Lab File: VU025225.D

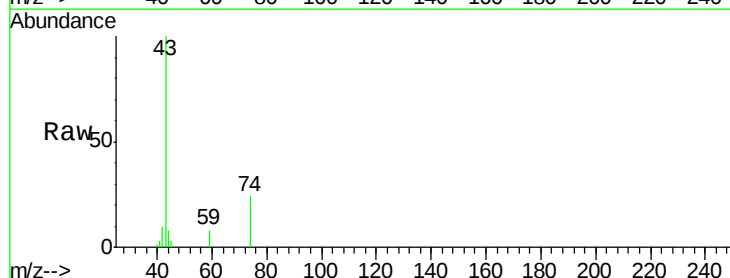
Acq: 05 Jul 2018 19:05

Tgt Ion: 43 Resp: 19103

Ion Ratio Lower Upper

43 100

74 22.2 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

12000

10000

8000

6000

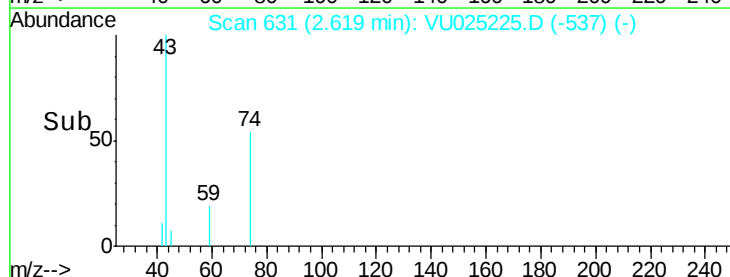
4000

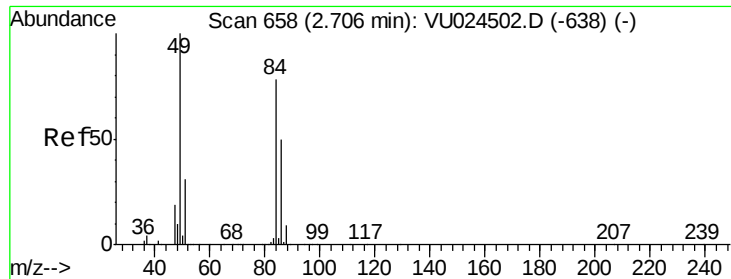
2000

0

Time-->

2.55 2.60 2.65 2.70

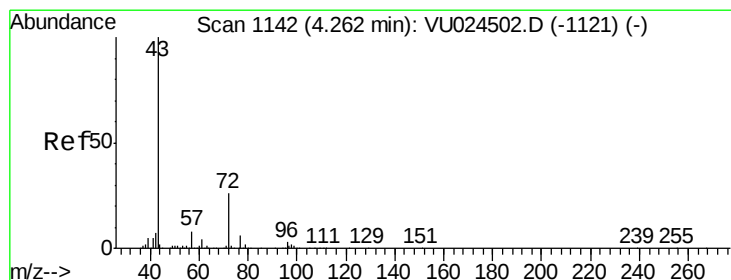
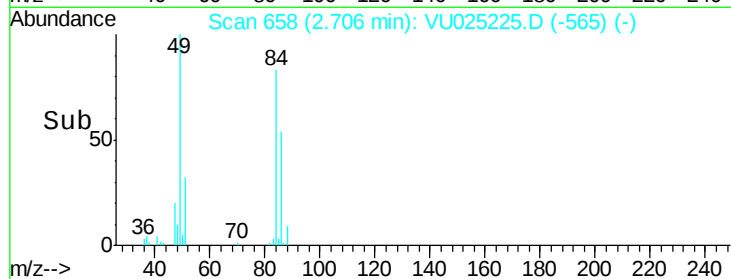
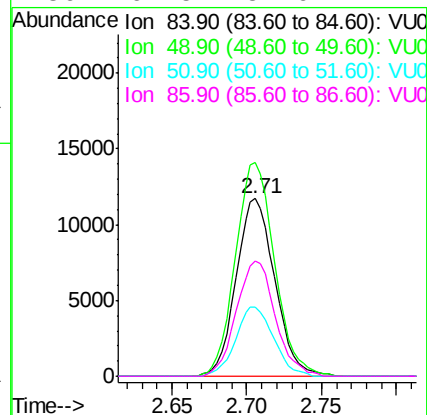
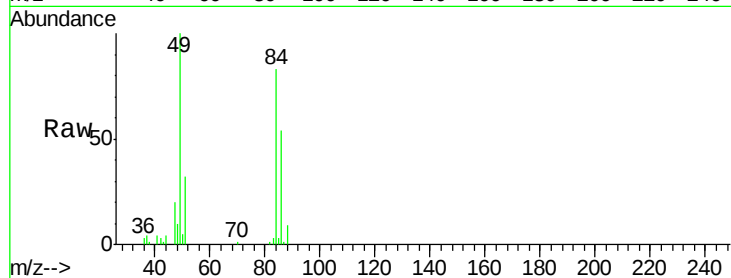




#20
Methvlene Chloride
Concen: 7.38 ug/l
RT: 2.71 min Scan# 658
Delta R.T. -0.00 min
Lab File: VU025225.D
Acq: 05 Jul 2018 19:05

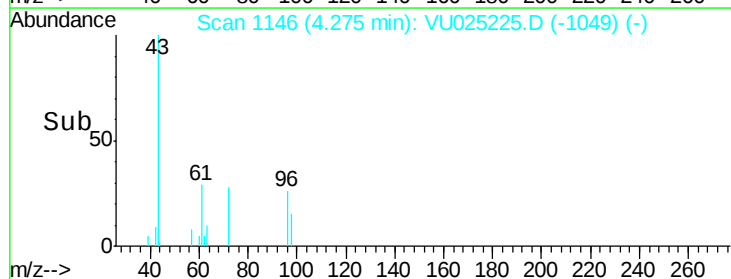
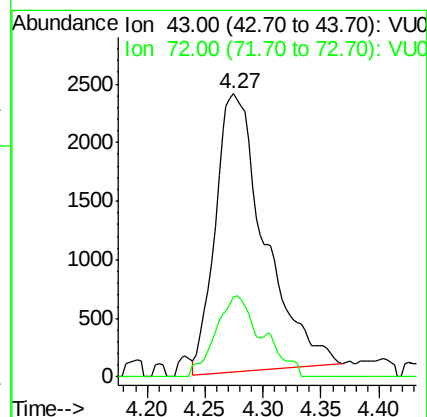
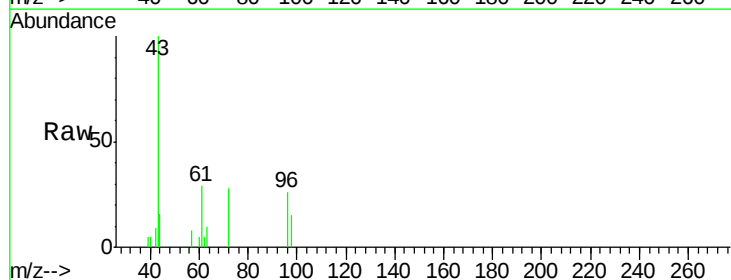
Instrument :
MSVOA_U
ClientSampleId :
TP-4-D

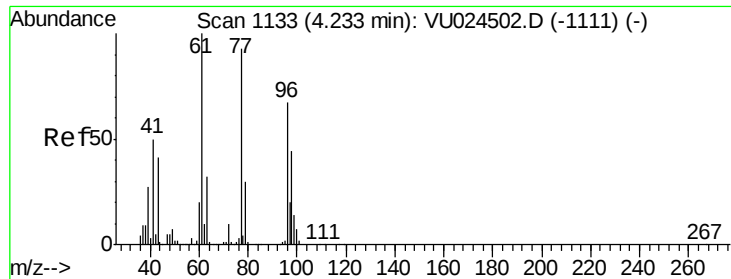
Tot Ion:	84	Resp:	21079
Ion	Ratio	Lower	Upper
84	100		
49	120.2	103.8	155.8
51	39.0	32.0	48.0
86	64.5	51.6	77.4



#25
2-Butanone
Concen: 2.89 ug/l
RT: 4.27 min Scan# 1146
Delta R.T. 0.01 min
Lab File: VU025225.D
Acq: 05 Jul 2018 19:05

Tgt Ion:	43	Resp:	7079
Ion	Ratio	Lower	Upper
43	100		
72	29.5	19.6	29.4#





#27

cis-1,2-Dichloroethene

Concen: 7.58 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU025225.D

Acq: 05 Jul 2018 19:05

Instrument :

MSVOA_U

ClientSampleId :

TP-4-D

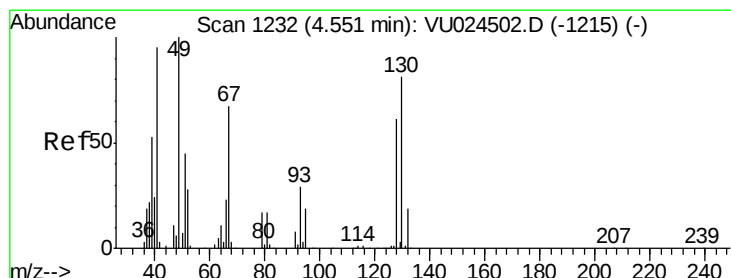
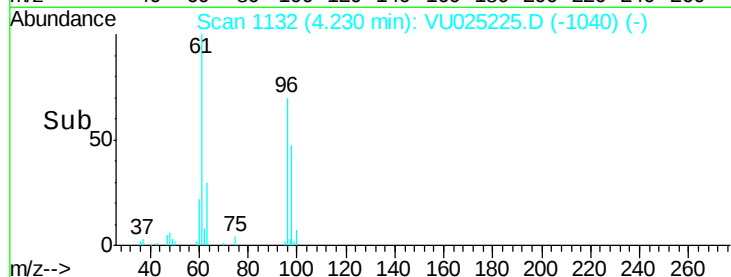
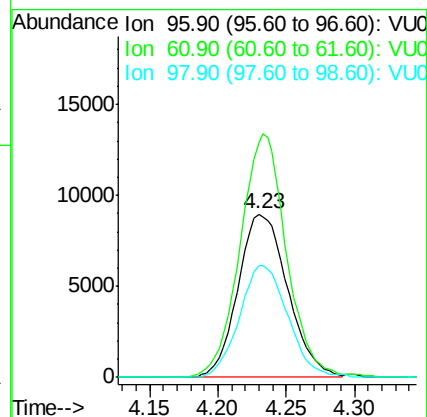
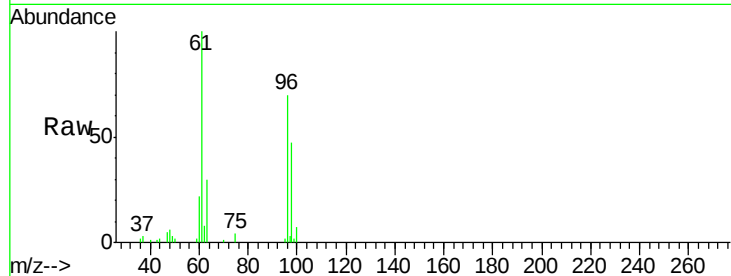
Tot Ion: 96 Resp: 22682

Ion Ratio Lower Upper

96 100

61 139.6 0.0 306.6

98 66.5 0.0 128.8



#28

Bromochloromethane

Concen: 0.29 ug/l

RT: 4.67 min Scan# 1270

Delta R.T. 0.12 min

Lab File: VU025225.D

Acq: 05 Jul 2018 19:05

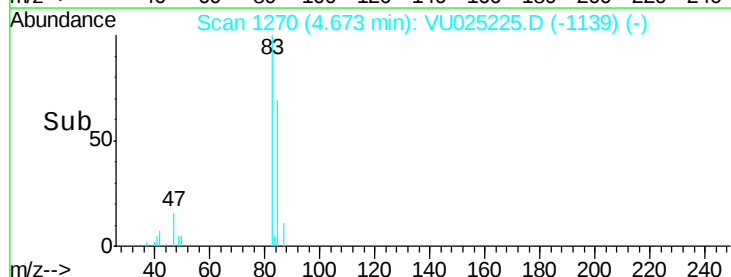
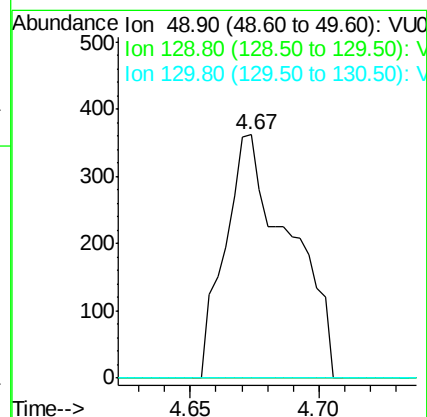
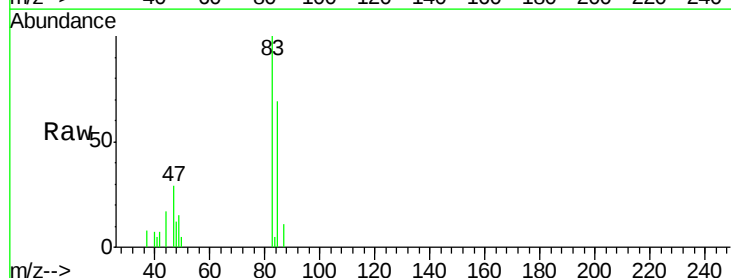
Tgt Ion: 49 Resp: 632

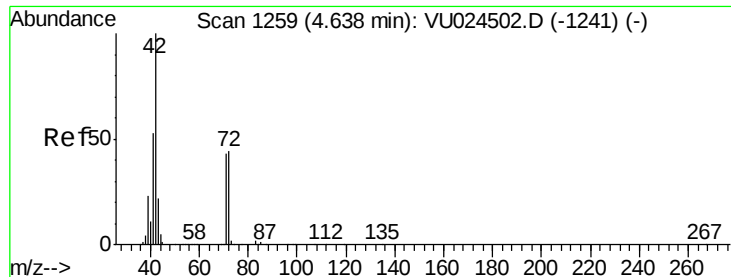
Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

130 0.0 57.8 86.6#





#29

Tetrahydrofuran

Concen: 0.26 ug/l

RT: 4.64 min Scan# 1261

Delta R.T. 0.01 min

Lab File: VU025225.D

Acq: 05 Jul 2018 19:05

Instrument :

MSVOA_U

ClientSampleId :

TP-4-D

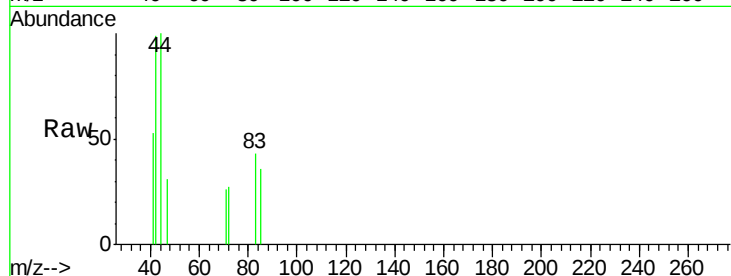
Tot Ion: 42 Resp: 390

Ion Ratio Lower Upper

42 100

72 17.4 34.5 51.7#

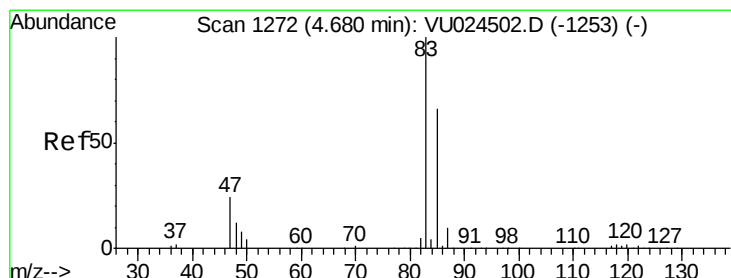
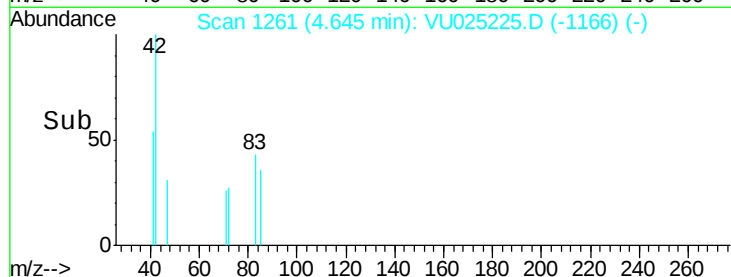
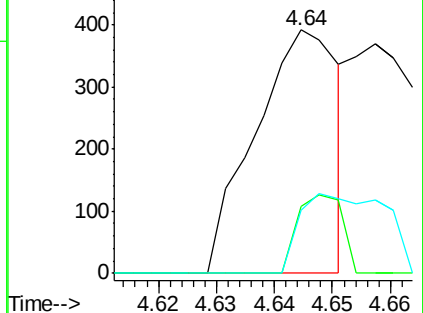
71 33.6 32.2 48.4



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: 1.30 ug/l

RT: 4.68 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VU025225.D

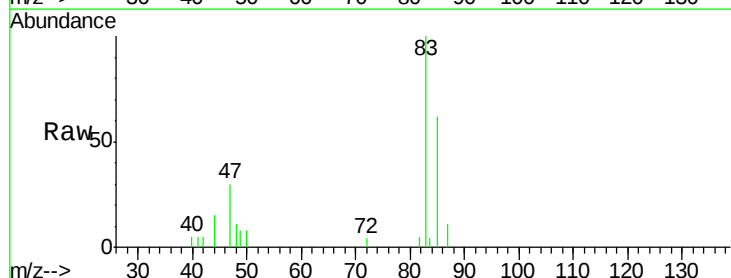
Acq: 05 Jul 2018 19:05

Tgt Ion: 83 Resp: 6599

Ion Ratio Lower Upper

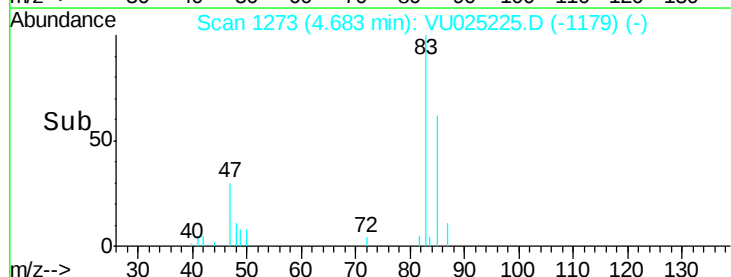
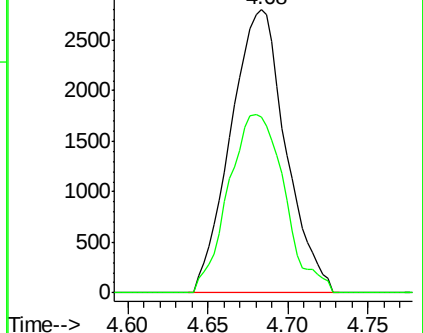
83 100

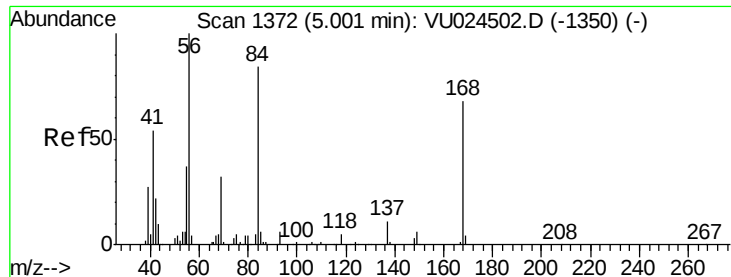
85 62.3 52.4 78.6



Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 84.90 (84.60 to 85.60): VU0





#31

Cyclohexane

Concen: Below Cal

RT: 4.98 min Scan# 1366

Delta R.T. -0.02 min

Lab File: VU025225.D

Acq: 05 Jul 2018 19:05

Instrument :

MSVOA_U

ClientSampled :

TP-4-D

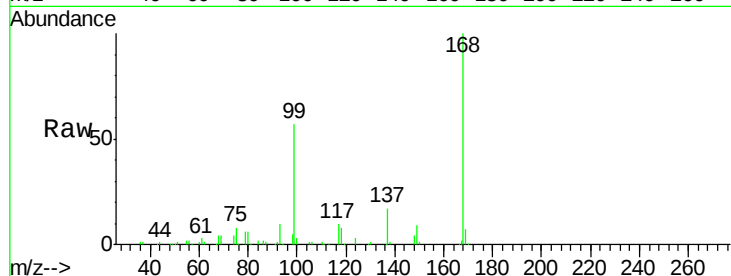
Tot Ion: 56 Resp: 4146

Ion Ratio Lower Upper

56 100

69 166.8 24.8 37.2#

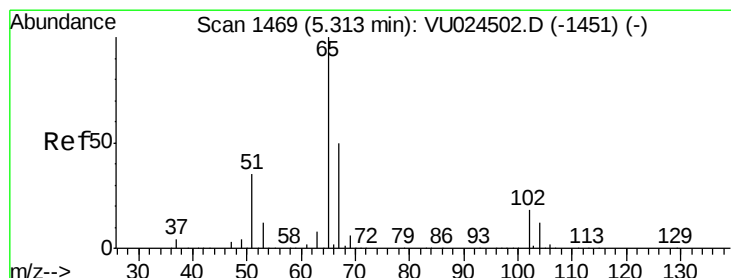
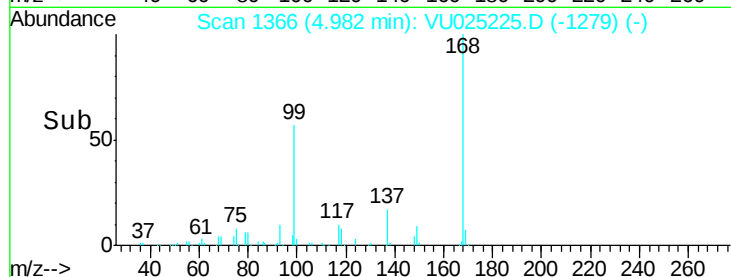
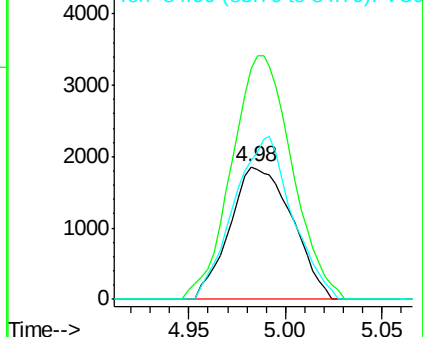
84 104.4 65.2 97.8#



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 69.00 (68.70 to 69.70): VU0

Ion 84.00 (83.70 to 84.70): VU0



#33

1,2-Dichloroethane-d4

Concen: 46.53 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VU025225.D

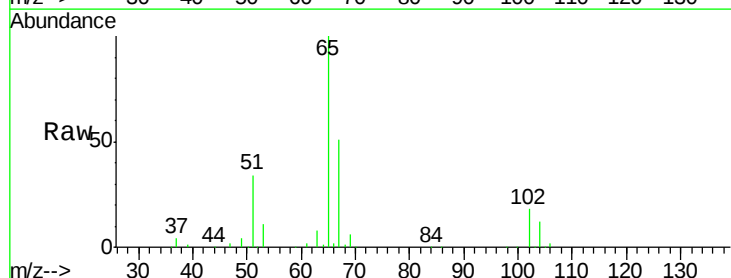
Acq: 05 Jul 2018 19:05

Tgt Ion: 65 Resp: 157722

Ion Ratio Lower Upper

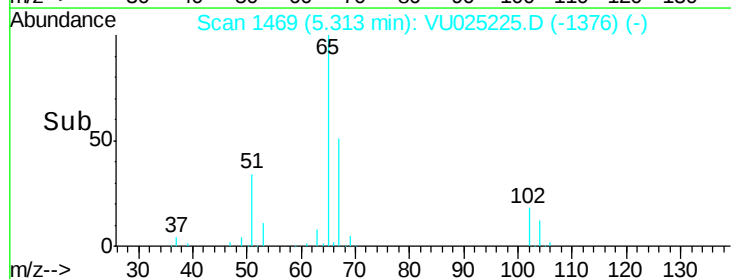
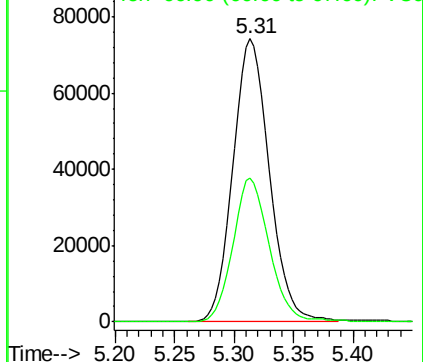
65 100

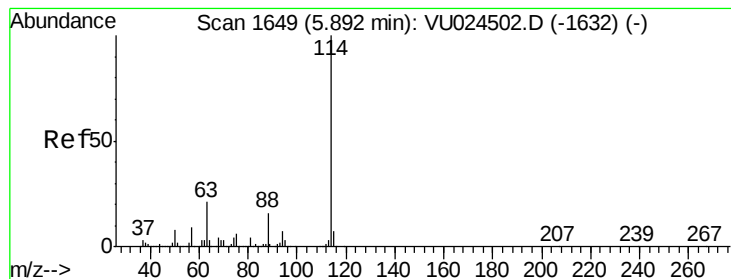
67 50.1 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.89 min Scan# 1649

Delta R.T. -0.00 min

Lab File: VU025225.D

Acq: 05 Jul 2018 19:05

Instrument :

MSVOA_U

ClientSampleId :

TP-4-D

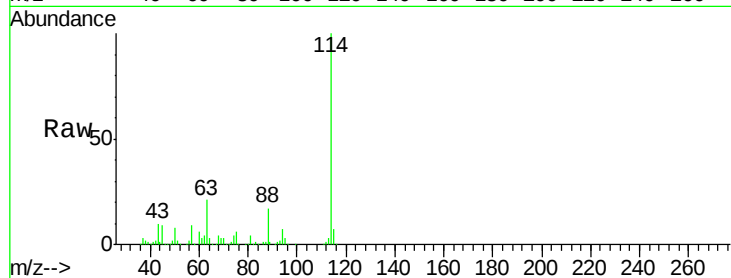
Tot Ion:114 Resp: 314640

Ion Ratio Lower Upper

114 100

63 21.0 0.0 45.4

88 16.7 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0

200000

150000

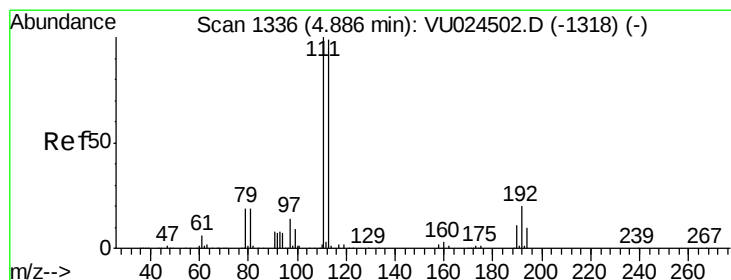
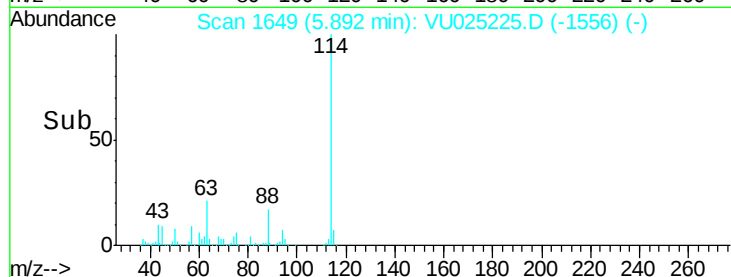
100000

50000

0

5.80 5.85 5.90 5.95 6.00

Time-->



#35

Dibromofluoromethane

Concen: 46.98 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU025225.D

Acq: 05 Jul 2018 19:05

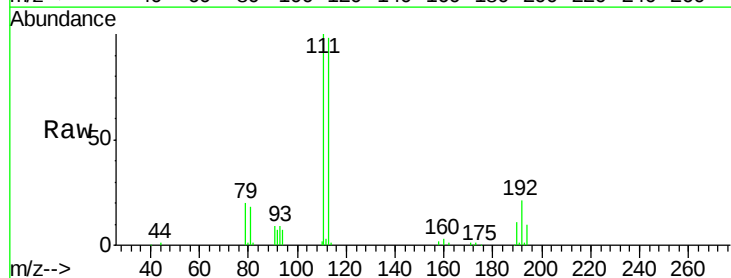
Tgt Ion:113 Resp: 122675

Ion Ratio Lower Upper

113 100

111 102.3 82.2 123.4

192 20.9 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

60000

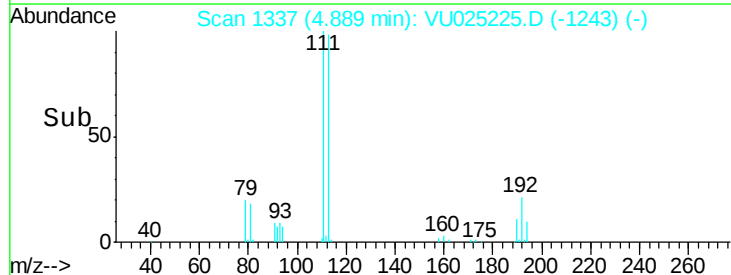
40000

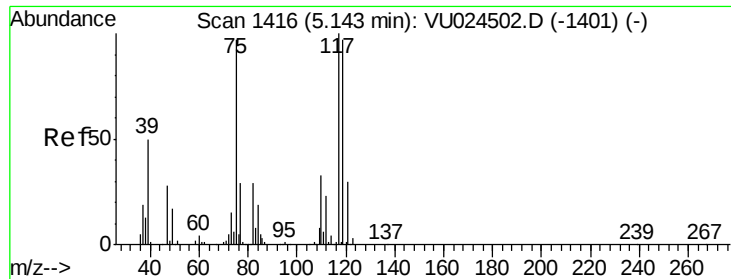
20000

0

4.80 4.90 5.00

Time-->





#36

1,1-Dichloropropene

Concen: 4.17 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.15 min

Lab File: VU025225.D

Acq: 05 Jul 2018 19:05

Instrument :

MSVOA_U

ClientSampleId :

TP-4-D

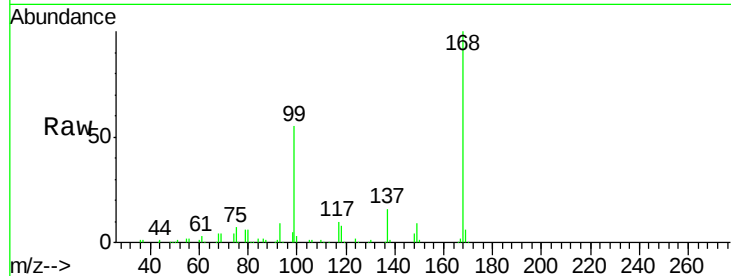
Tot Ion: 75 Resp: 15428

Ion Ratio Lower Upper

75 100

110 9.2 17.0 50.9#

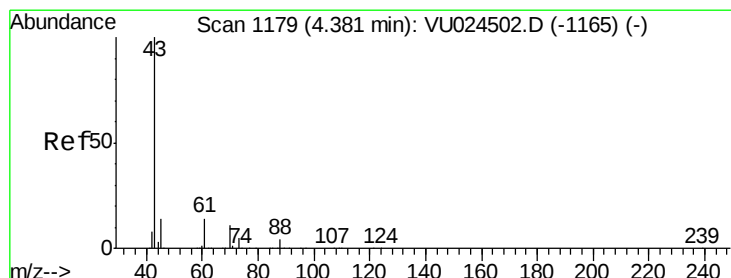
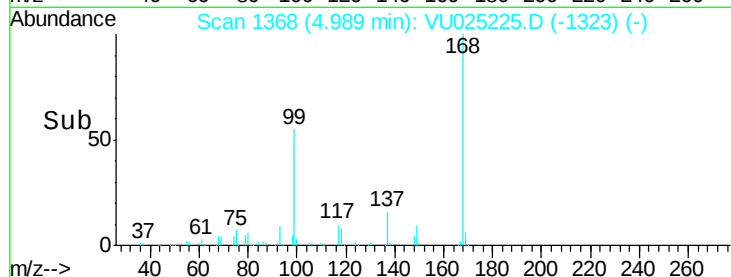
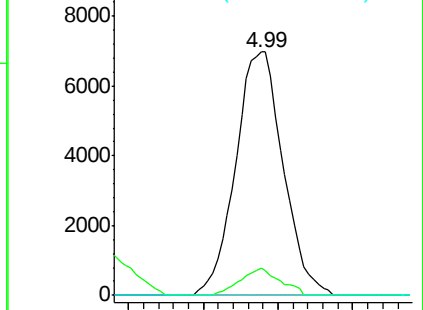
77 0.0 24.2 36.4#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): VU0

Ion 76.90 (76.60 to 77.60): VU0



#37

Ethyl Acetate

Concen: 1.76 ug/l

RT: 4.27 min Scan# 1146

Delta R.T. -0.11 min

Lab File: VU025225.D

Acq: 05 Jul 2018 19:05

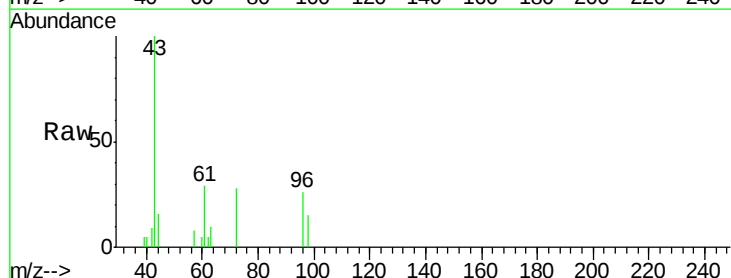
Tgt Ion: 43 Resp: 7079

Ion Ratio Lower Upper

43 100

61 0.0 10.5 15.7#

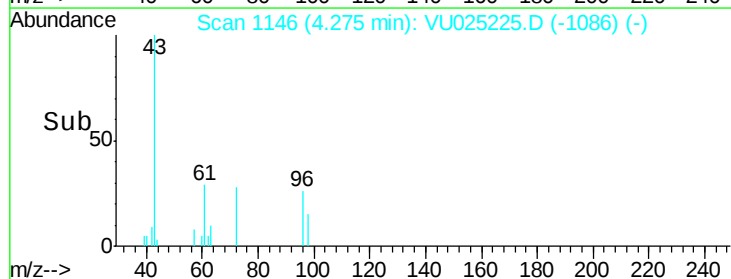
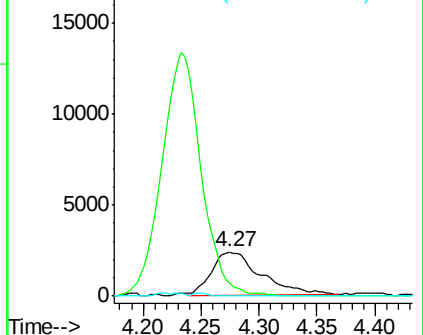
70 0.0 7.4 11.2#

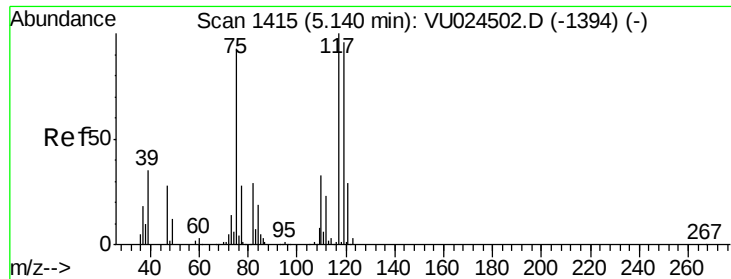


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 70.00 (69.70 to 70.70): VU0





#38

Carbon Tetrachloride

Concen: 4.93 ug/l

RT: 4.99 min Scan# 1367

Delta R.T. -0.15 min

Lab File: VU025225.D

Acq: 05 Jul 2018 19:05

Instrument :

MSVOA_U

ClientSampleId :

TP-4-D

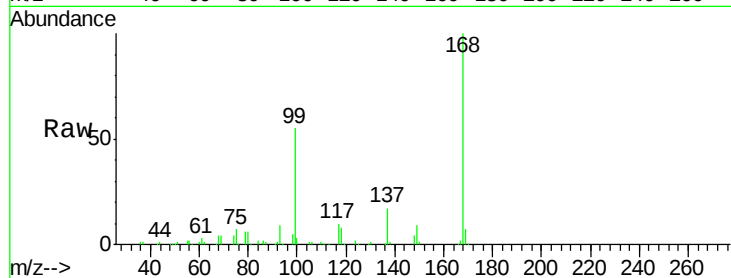
Tot Ion:117 Resp: 20063

Ion Ratio Lower Upper

117 100

119 3.5 76.1 114.1#

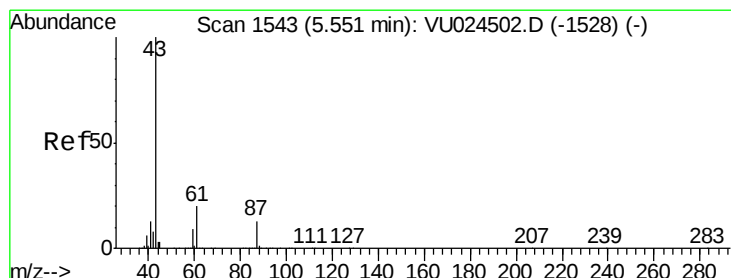
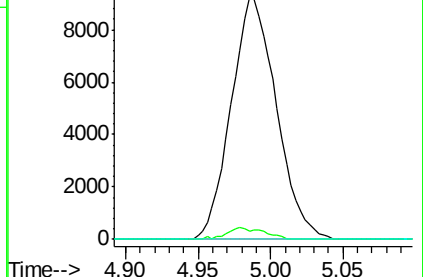
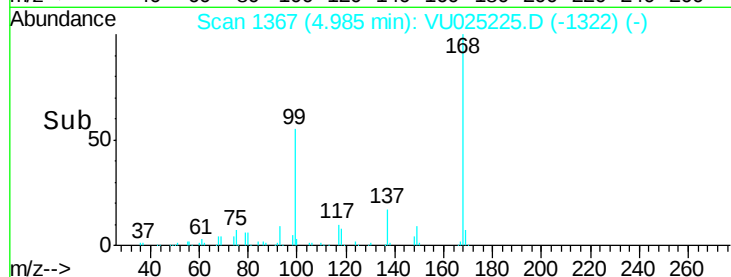
121 0.0 23.7 35.5#



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



#43

Isopropyl Acetate

Concen: 8.79 ug/l

RT: 5.81 min Scan# 1622

Delta R.T. 0.25 min

Lab File: VU025225.D

Acq: 05 Jul 2018 19:05

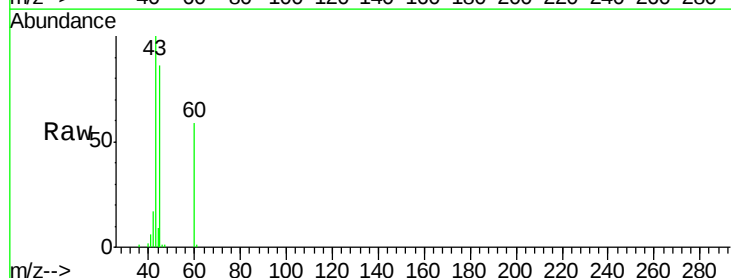
Tgt Ion: 43 Resp: 61224

Ion Ratio Lower Upper

43 100

61 0.2 15.4 23.0#

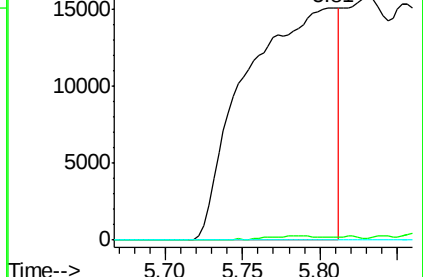
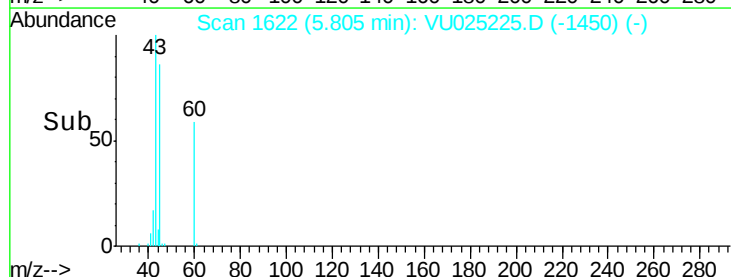
87 0.0 10.0 15.0#

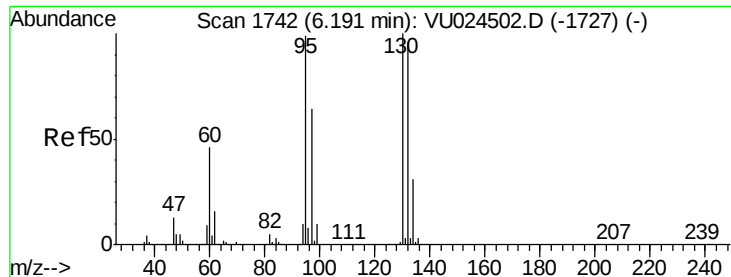


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 87.00 (86.70 to 87.70): VU0





#44

Trichloroethene

Concen: 7.16 ug/l

RT: 6.19 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VU025225.D

Acq: 05 Jul 2018 19:05

Instrument :

MSVOA_U

ClientSampled :

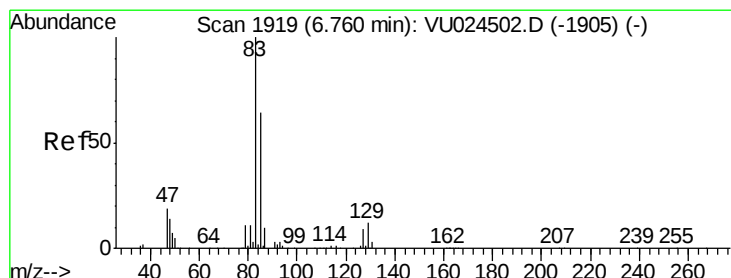
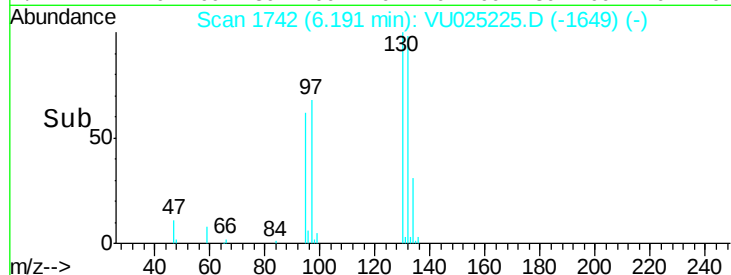
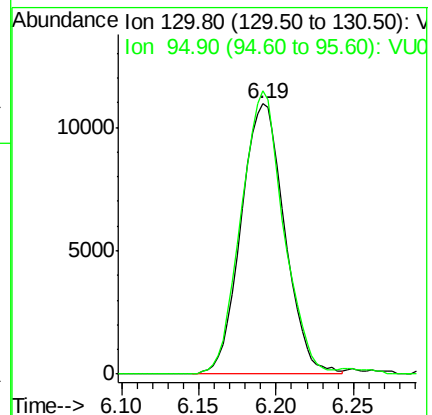
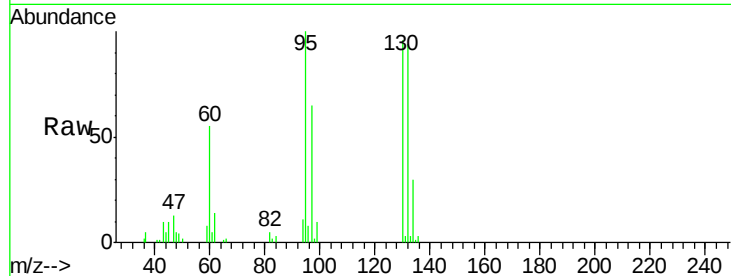
TP-4-D

Tot Ion:130 Resp: 21461

Ion Ratio Lower Upper

130 100

95 104.7 0.0 202.4



#47

Bromodichloromethane

Concen: 0.50 ug/l

RT: 6.76 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VU025225.D

Acq: 05 Jul 2018 19:05

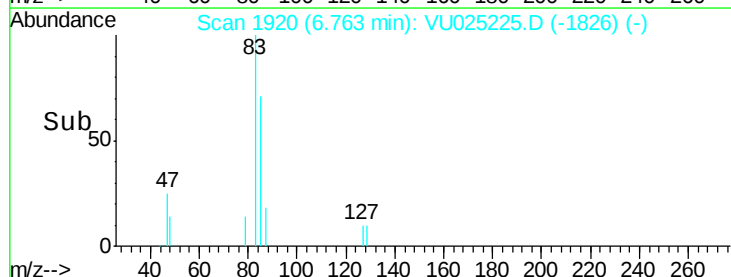
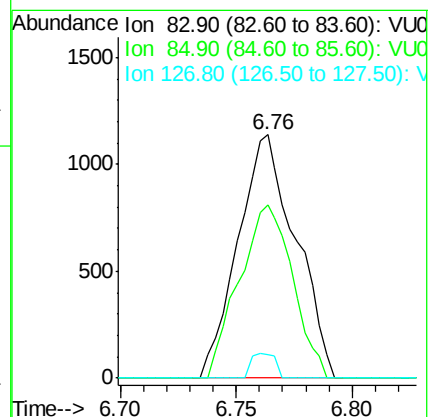
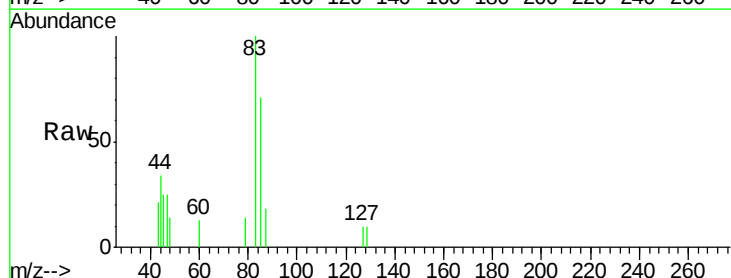
Tgt Ion: 83 Resp: 1964

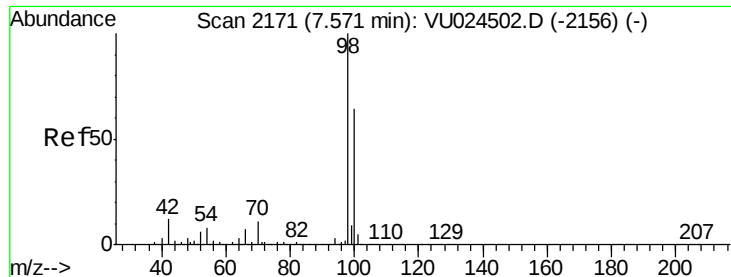
Ion Ratio Lower Upper

83 100

85 71.2 51.9 77.9

127 9.8 6.6 9.8





#50

Toluene-d8

Concen: 46.76 ug/l

RT: 7.57 min Scan# 2171

Delta R.T. -0.00 min

Lab File: VU025225.D

Acq: 05 Jul 2018 19:05

Instrument :

MSVOA_U

ClientSampled :

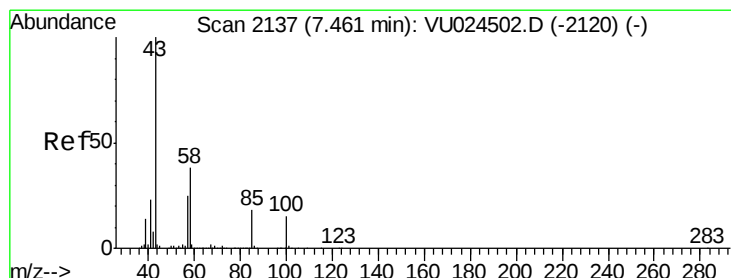
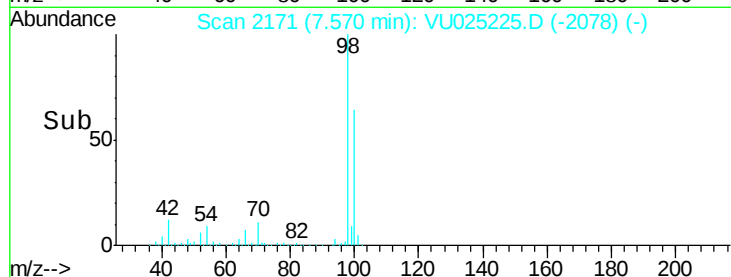
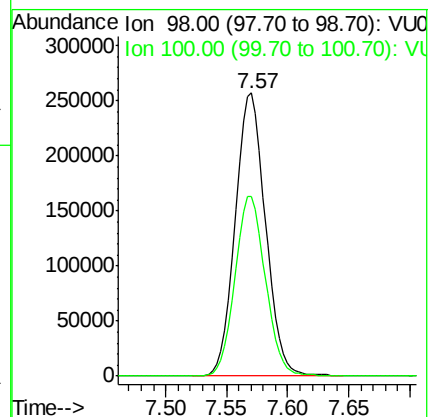
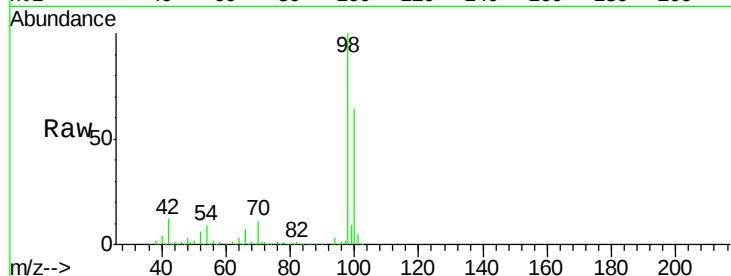
TP-4-D

Tot Ion: 98 Resp: 445402

Ion Ratio Lower Upper

98 100

100 64.1 51.1 76.7



#51

4-Methyl-2-Pentanone

Concen: 0.27 ug/l

RT: 7.47 min Scan# 2139

Delta R.T. 0.01 min

Lab File: VU025225.D

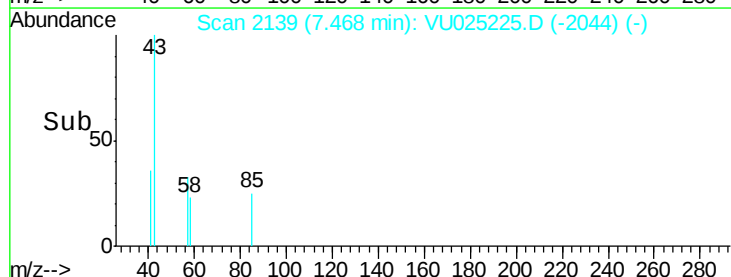
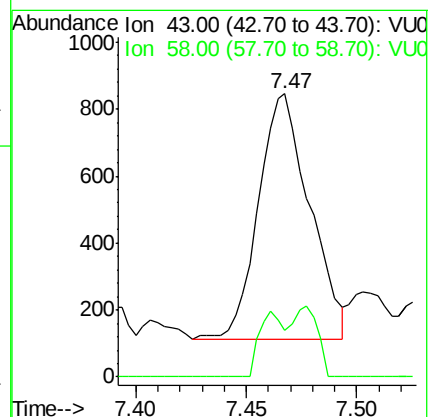
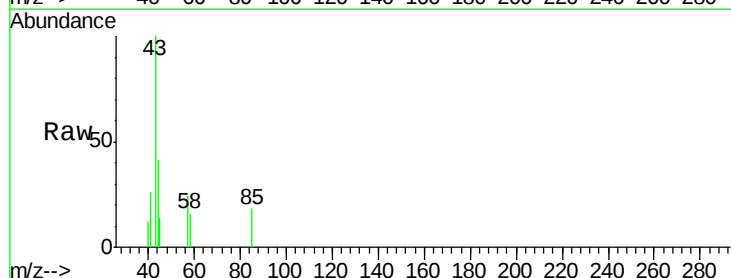
Acq: 05 Jul 2018 19:05

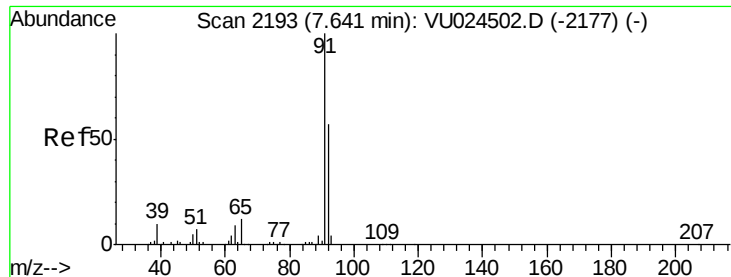
Tgt Ion: 43 Resp: 1177

Ion Ratio Lower Upper

43 100

58 12.8 30.0 45.0#





#52

Toluene

Concen: 0.32 ug/l

RT: 7.65 min Scan# 2196

Delta R.T. 0.01 min

Lab File: VU025225.D

Acq: 05 Jul 2018 19:05

Instrument :

MSVOA_U

ClientSampleId :

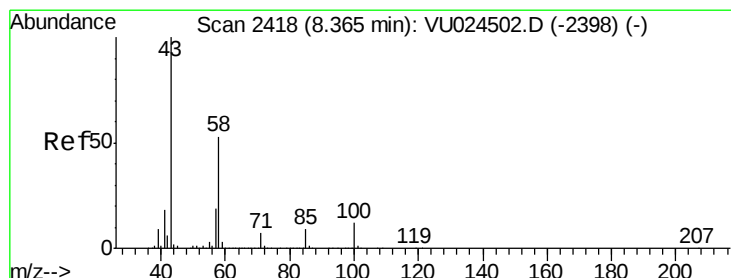
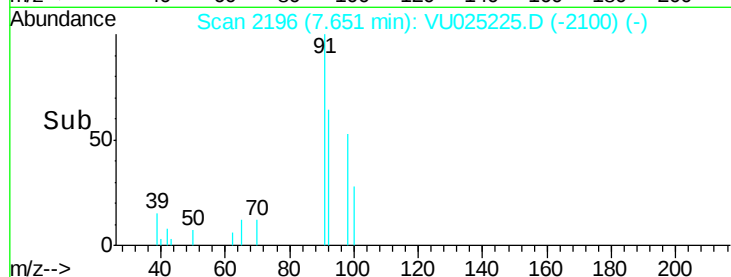
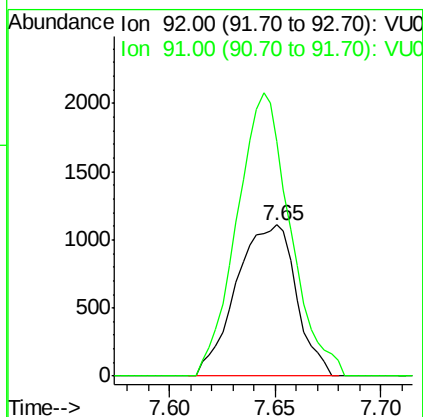
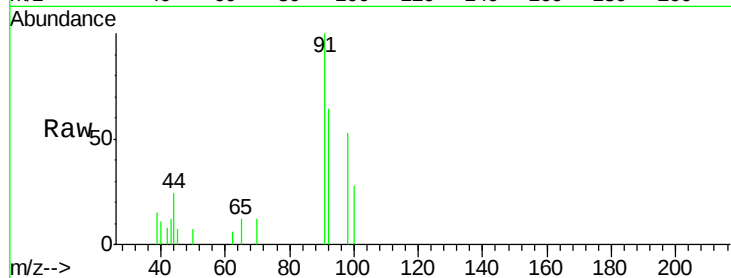
TP-4-D

Tot Ion: 92 Resp: 2189

Ion Ratio Lower Upper

92 100

91 166.9 140.5 210.7



#59

2-Hexanone

Concen: 0.57 ug/l

RT: 8.38 min Scan# 2422

Delta R.T. 0.01 min

Lab File: VU025225.D

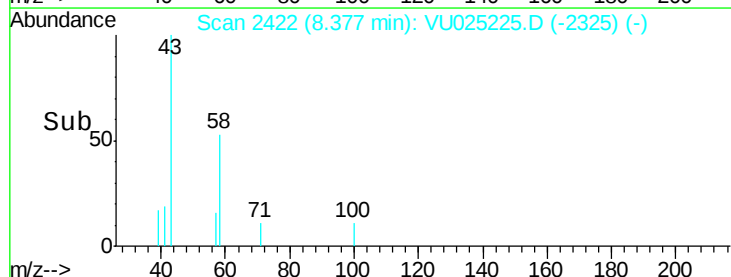
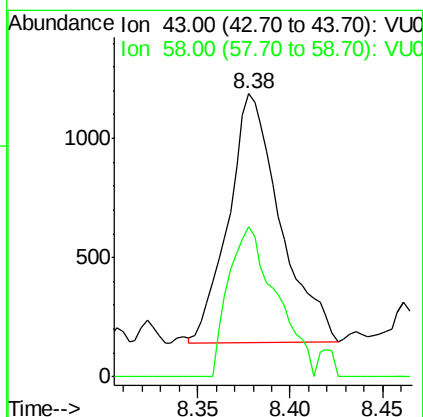
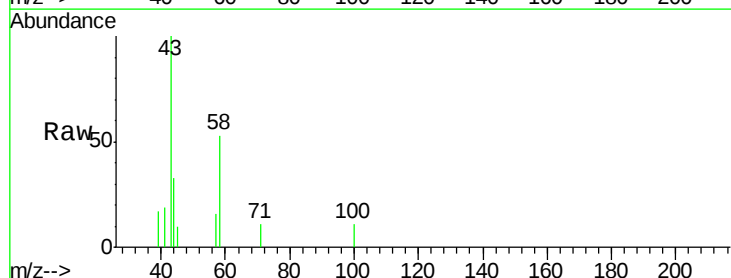
Acq: 05 Jul 2018 19:05

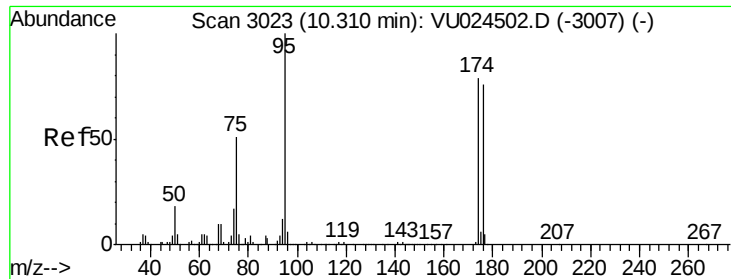
Tgt Ion: 43 Resp: 2034

Ion Ratio Lower Upper

43 100

58 55.7 26.4 79.0

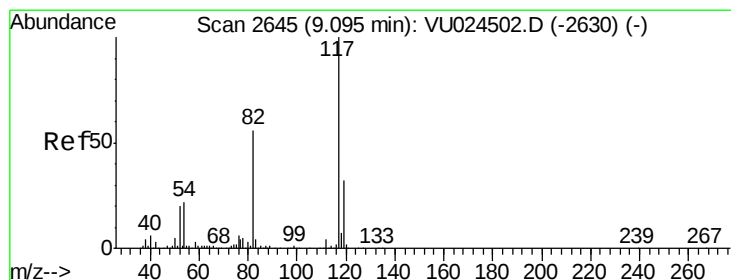
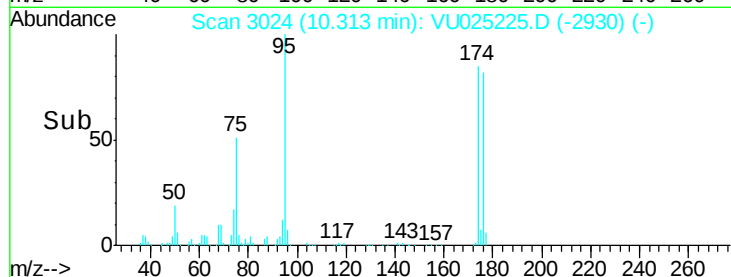
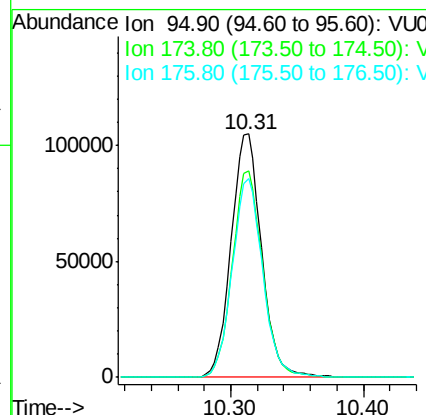
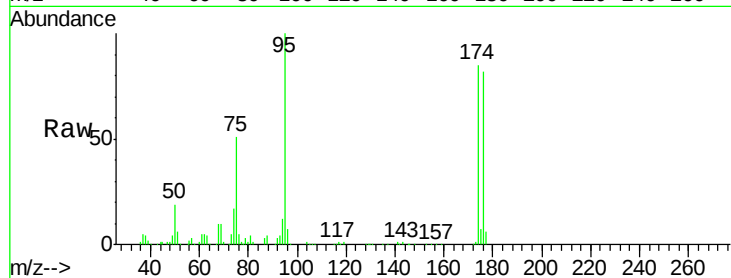




#62
4-Bromofluorobenzene
Concen: 44.29 ug/l
RT: 10.31 min Scan# 3024
Delta R.T. 0.00 min
Lab File: VU025225.D
Acq: 05 Jul 2018 19:05

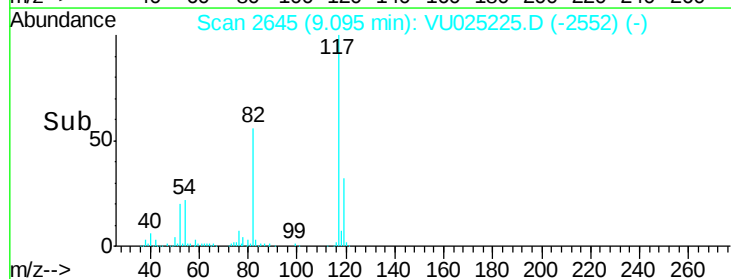
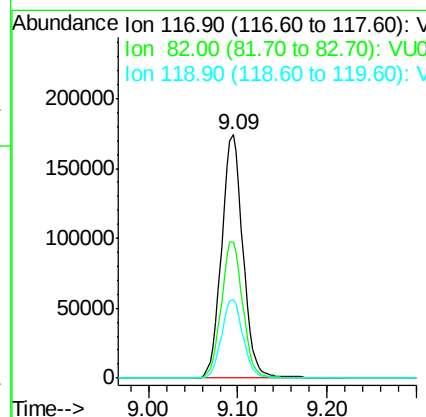
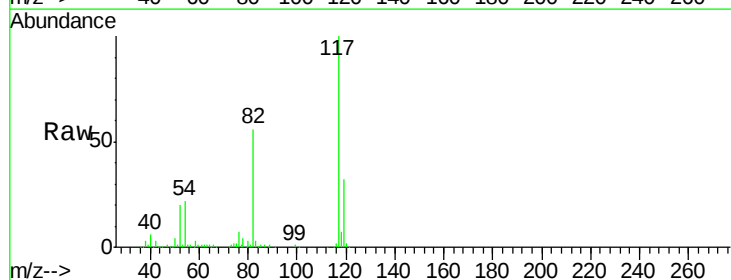
Instrument :
MSVOA_U
ClientSampled :
TP-4-D

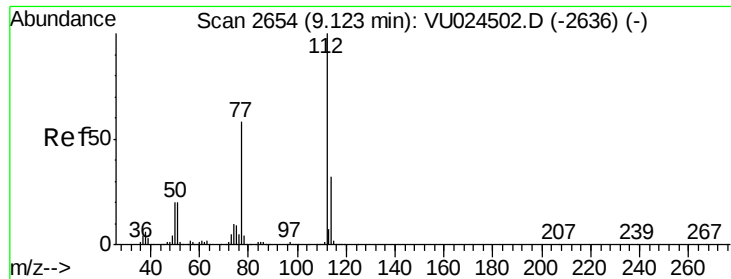
Tot Ion: 95 Resp: 167477
Ion Ratio Lower Upper
95 100
174 84.5 0.0 165.8
176 81.7 0.0 159.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. -0.00 min
Lab File: VU025225.D
Acq: 05 Jul 2018 19:05

Tgt Ion: 117 Resp: 288863
Ion Ratio Lower Upper
117 100
82 56.0 44.3 66.5
119 32.4 25.4 38.2





#65

Chlorobenzene

Concen: 0.32 ug/l

RT: 9.12 min Scan# 2654

Delta R.T. -0.00 min

Lab File: VU025225.D

Acq: 05 Jul 2018 19:05

Instrument :

MSVOA_U

ClientSampleId :

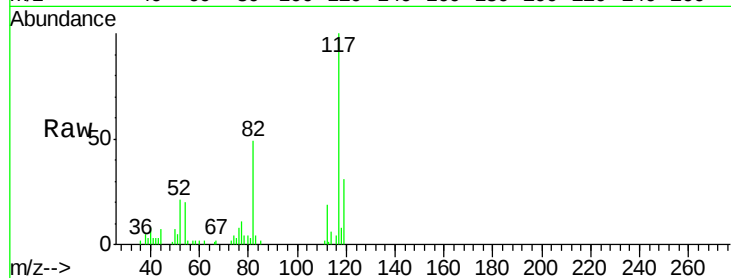
TP-4-D

Tot Ion:112 Resp: 2378

Ion Ratio Lower Upper

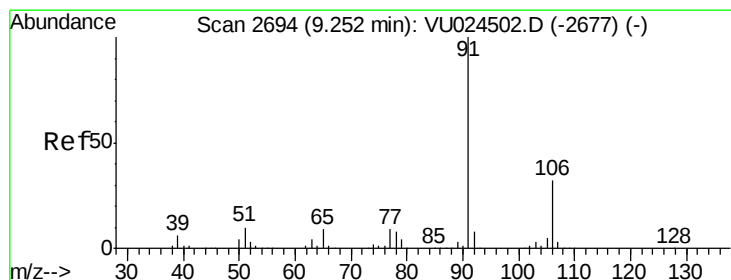
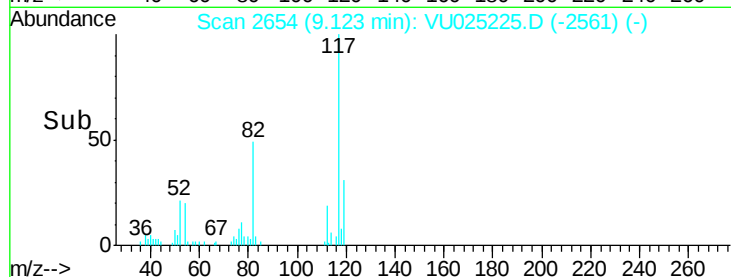
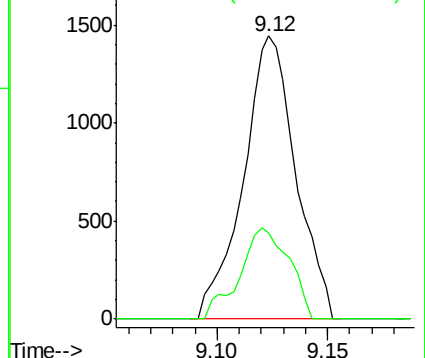
112 100

114 30.6 25.6 38.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#67

Ethyl Benzene

Concen: 0.68 ug/l

RT: 9.26 min Scan# 2696

Delta R.T. 0.01 min

Lab File: VU025225.D

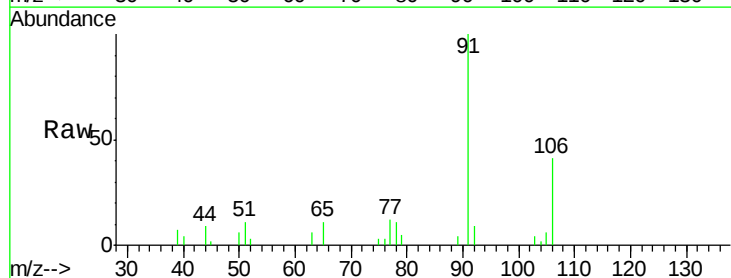
Acq: 05 Jul 2018 19:05

Tgt Ion: 91 Resp: 8788

Ion Ratio Lower Upper

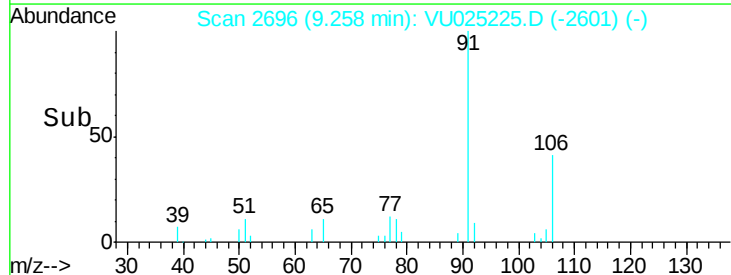
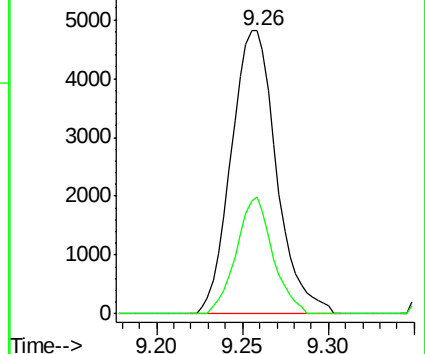
91 100

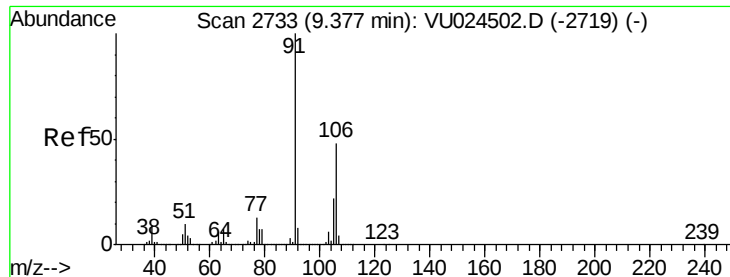
106 41.1 24.2 36.4#



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 106.00 (105.70 to 106.70): V

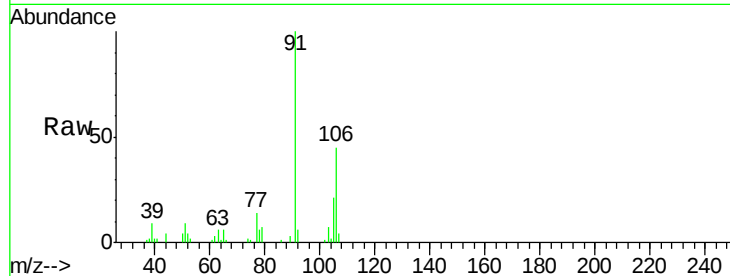




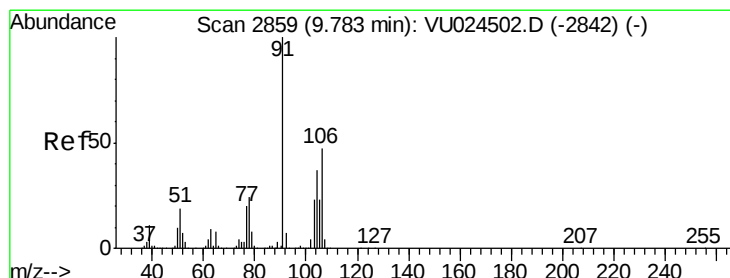
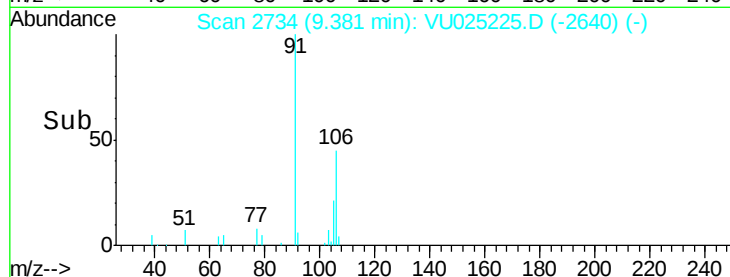
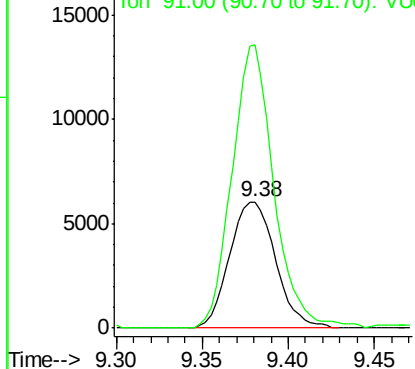
#68
m/p-Xylenes
Concen: 2.26 ug/l
RT: 9.38 min Scan# 2734
Delta R.T. 0.00 min
Lab File: VU025225.D
Acq: 05 Jul 2018 19:05

Instrument :
MSVOA_U
ClientSampleId :
TP-4-D

Tot Ion:106 Resp: 11225
Ion Ratio Lower Upper
106 100
91 204.6 166.5 249.7

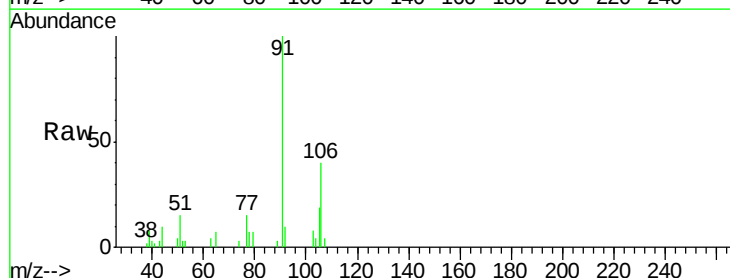


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

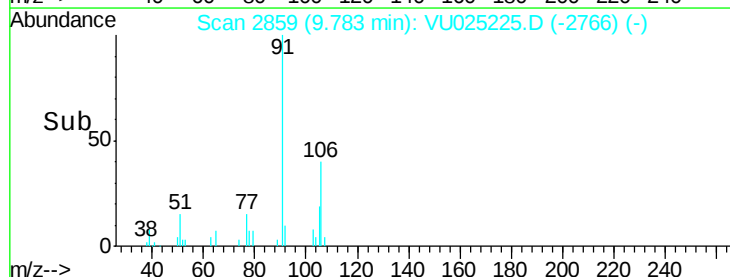
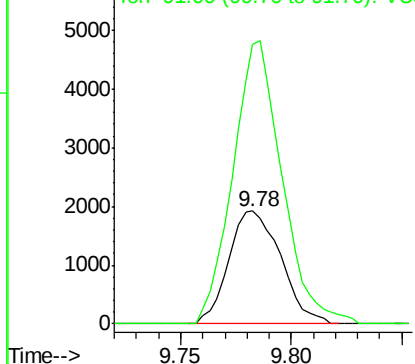


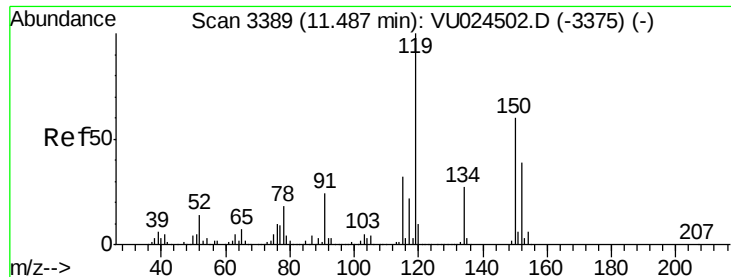
#69
o-Xylene
Concen: 0.64 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. -0.00 min
Lab File: VU025225.D
Acq: 05 Jul 2018 19:05

Tgt Ion:106 Resp: 3154
Ion Ratio Lower Upper
106 100
91 236.7 110.7 331.9



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VU025225.D

Acq: 05 Jul 2018 19:05

Instrument :

MSVOA_U

ClientSampled :

TP-4-D

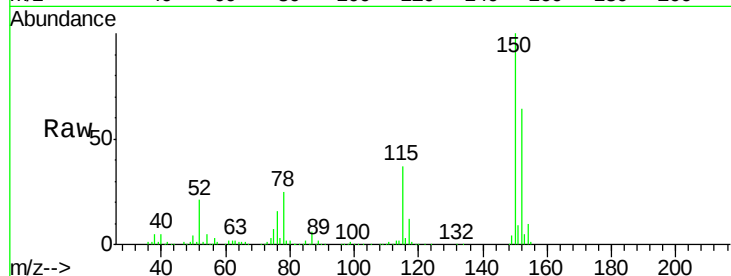
Tot Ion:152 Resp: 153782

Ion Ratio Lower Upper

152 100

115 57.3 43.0 129.0

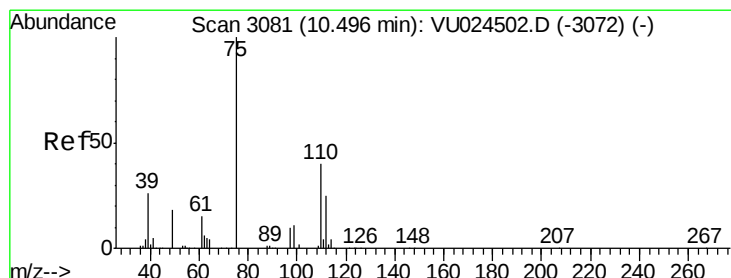
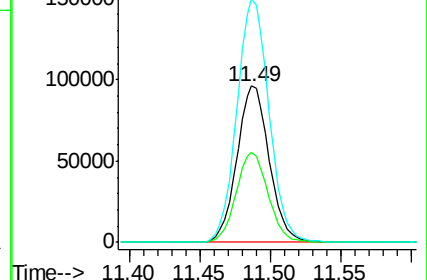
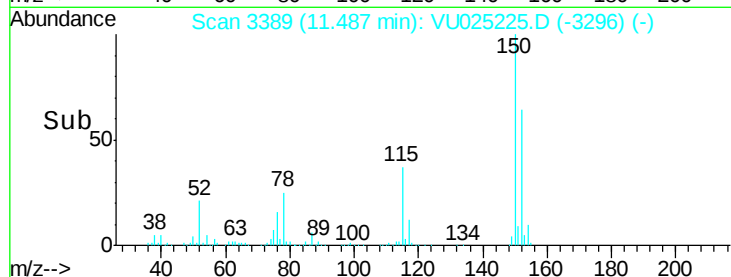
150 155.7 0.0 354.0



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



#76

1,2,3-Trichloropropane

Concen: 25.77 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.19 min

Lab File: VU025225.D

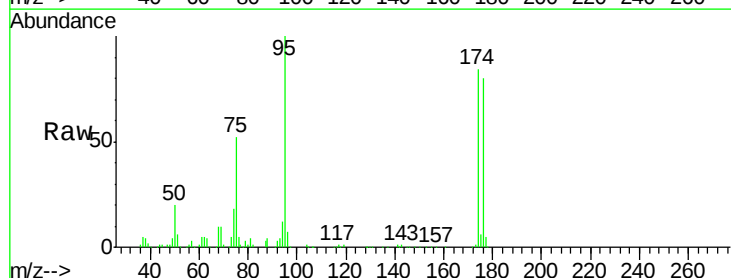
Acq: 05 Jul 2018 19:05

Tgt Ion: 75 Resp: 87241

Ion Ratio Lower Upper

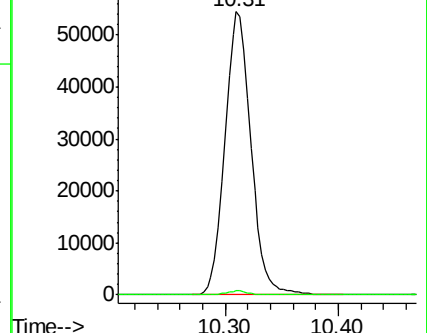
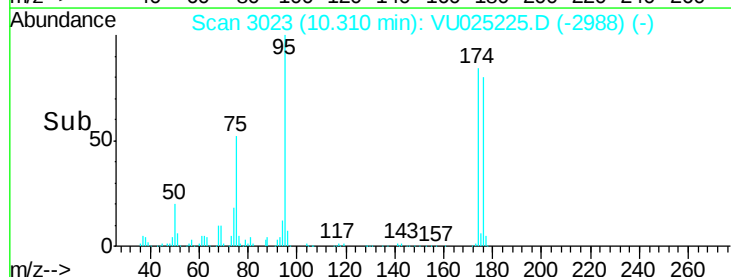
75 100

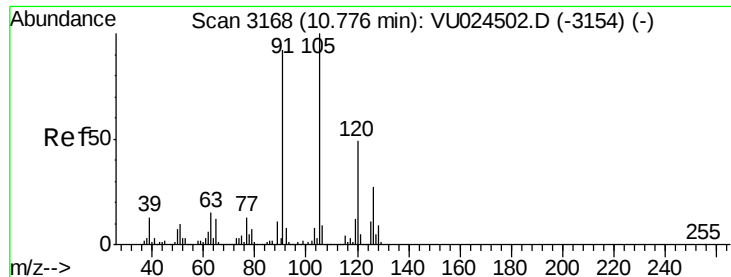
77 1.1 20.9 62.7#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0





#80

1,3,5-Trimethylbenzene

Concen: 0.37 ug/l

RT: 10.78 min Scan# 3169

Delta R.T. 0.00 min

Lab File: VU025225.D

Acq: 05 Jul 2018 19:05

Instrument :

MSVOA_U

ClientSampleId :

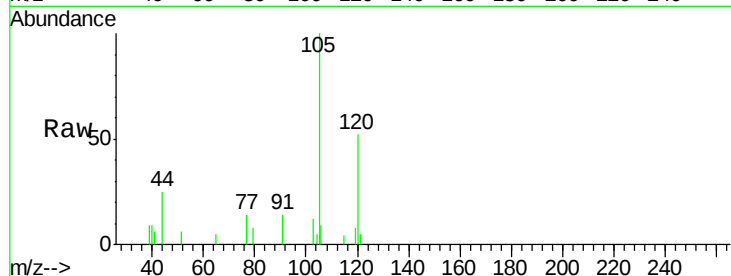
TP-4-D

Tot Ion:105 Resp: 3787

Ion Ratio Lower Upper

105 100

120 48.7 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

2500

2000

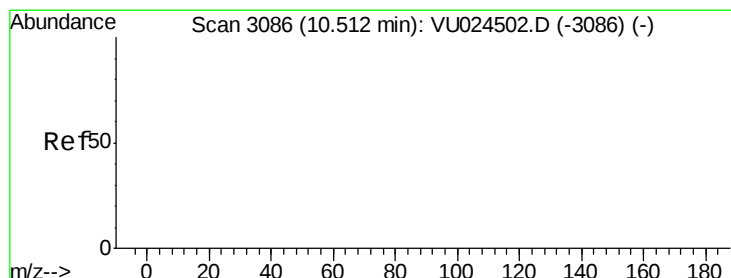
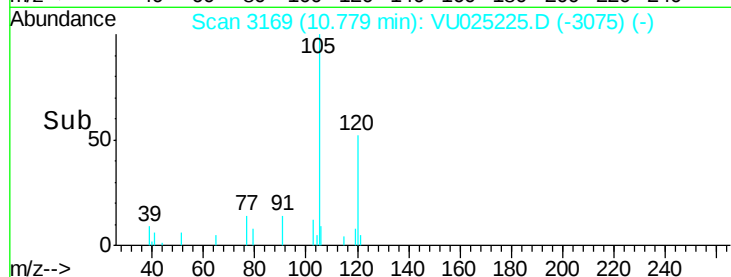
1500

1000

500

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 59.64 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.20 min

Lab File: VU025225.D

Acq: 05 Jul 2018 19:05

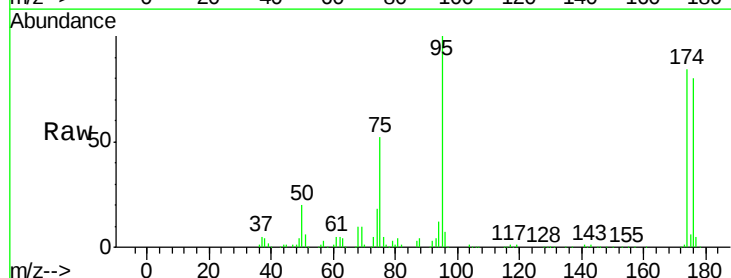
Tgt Ion: 75 Resp: 87241

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

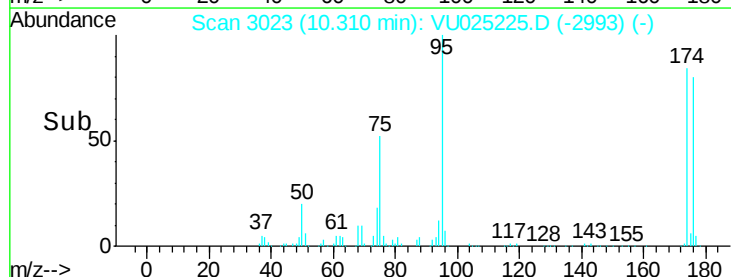
60000

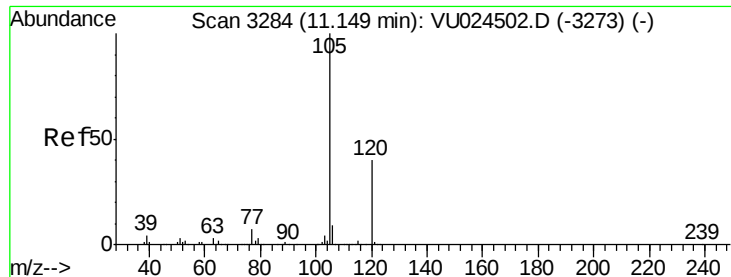
40000

20000

0

Time-->





#84

1,2,4-Trimethylbenzene

Concen: 1.31 ug/l

RT: 11.15 min Scan# 3285

Delta R.T. 0.00 min

Lab File: VU025225.D

Acq: 05 Jul 2018 19:05

Instrument :

MSVOA_U

ClientSampleId :

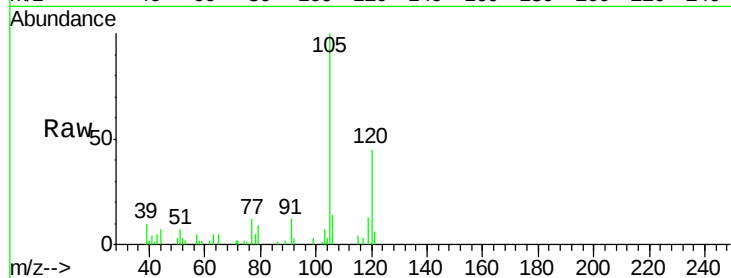
TP-4-D

Tot Ion:105 Resp: 13672

Ion Ratio Lower Upper

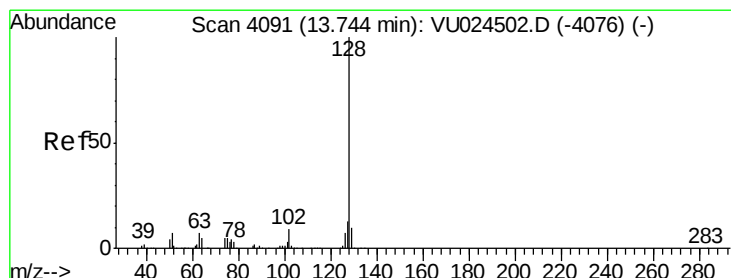
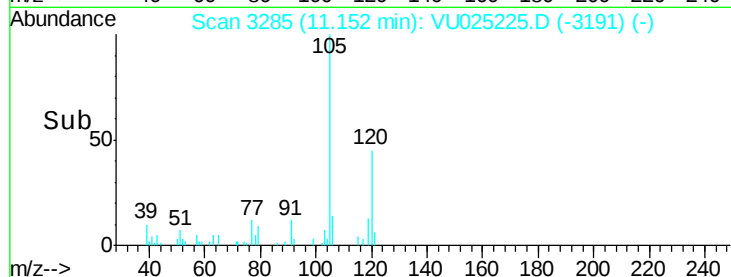
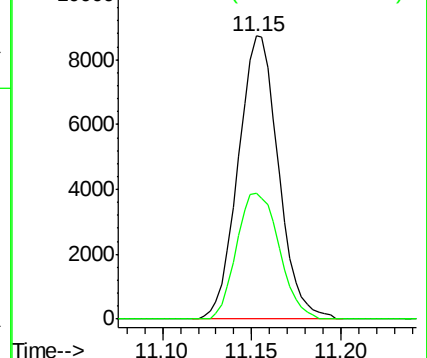
105 100

120 47.2 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 9.53 ug/l

RT: 13.75 min Scan# 4092

Delta R.T. 0.00 min

Lab File: VU025225.D

Acq: 05 Jul 2018 19:05

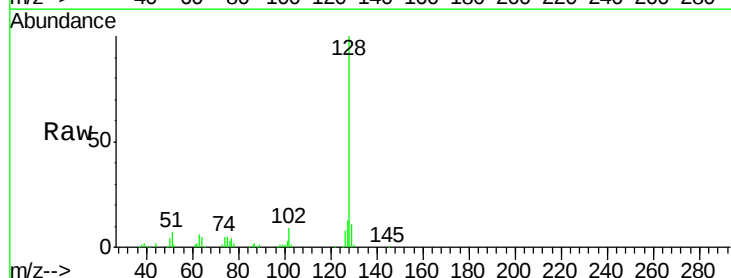
Tgt Ion:128 Resp: 101434

Ion Ratio Lower Upper

128 100

127 13.2 10.6 16.0

129 10.6 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

