

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU063018\
 Data File : VU025085.D
 Acq On : 30 Jun 2018 13:57
 Operator : MD/SY
 Sample : J3671-09ME 10X
 Misc : 7.10g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB478-25-27-180621ME

Quant Time: Jul 02 05:36:44 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	211173	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	315335	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	293188	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	167029	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	159950	46.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.80%	
35) Dibromofluoromethane	4.89	113	123218	47.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.16%	
50) Toluene-d8	7.57	98	452340	47.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.78%	
62) 4-Bromofluorobenzene	10.31	95	174886	46.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.28%	

Target Compounds					Qvalue	
3) Chloromethane	1.33	50	683	0.253	ug/l #	87
4) Vinyl Chloride	1.40	62	2721	0.977	ug/l #	78
5) Bromomethane	1.61	94	688	0.511	ug/l	86
6) Chloroethane	1.77	64	62	Below Cal	#	43
10) Methyl Iodide	2.42	142	535	5.503	ug/l #	73
11) Tert butyl alcohol	2.84	59	364	0.434	ug/l #	72
12) 1,1-Dichloroethene	2.28	96	2467	1.026	ug/l #	90
16) Acetone	2.32	43	923	0.498	ug/l #	44
21) trans-1,2-Dichloroethene	2.99	96	1417	0.535	ug/l #	80
27) cis-1,2-Dichloroethene	4.23	96	618361	203.096	ug/l	88
29) Tetrahydrofuran	4.65	42	395	0.256	ug/l #	47
31) Cyclohexane	5.00	56	7044	Below Cal	#	61
36) 1,1-Dichloropropene	4.99	75	15635	4.219	ug/l #	52
38) Carbon Tetrachloride	4.99	117	20699	5.080	ug/l #	15
39) Methylcyclohexane	6.42	83	8624	1.865	ug/l #	87
43) Isopropyl Acetate	5.55	43	5926	0.849	ug/l #	62
44) Trichloroethene	6.19	130	51145	17.020	ug/l	96
52) Toluene	7.64	92	1528	0.225	ug/l	94
55) 1,1,2-Trichloroethane	8.05	97	1219	0.441	ug/l #	14
65) Chlorobenzene	9.12	112	2038	0.272	ug/l	96
67) Ethyl Benzene	9.26	91	5011	0.382	ug/l #	86
68) m/p-Xylenes	9.38	106	7513	1.490	ug/l	100
73) Isopropylbenzene	10.17	105	2640	0.206	ug/l	90
76) 1,2,3-Trichloropropane	10.31	75	91534	24.891	ug/l #	36
78) n-propylbenzene	10.59	91	5978	0.396	ug/l	99
79) 2-Chlorotoluene	10.69	91	2592	0.291	ug/l #	41
80) 1,3,5-Trimethylbenzene	10.78	105	13922	1.253	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.31	75	91534	57.608	ug/l #	100
84) 1,2,4-Trimethylbenzene	11.15	105	35258	3.113	ug/l	97
85) sec-Butylbenzene	11.33	105	5821	0.435	ug/l	96
86) p-Isopropyltoluene	11.43	119	7017	0.585	ug/l	92
87) 1,3-Dichlorobenzene	11.42	146	1934	0.322	ug/l	90
88) 1,4-Dichlorobenzene	11.42	146	1934	0.320	ug/l	93
89) n-Butylbenzene	11.89	91	15515	1.458	ug/l #	40

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Response via : Initial Calibration

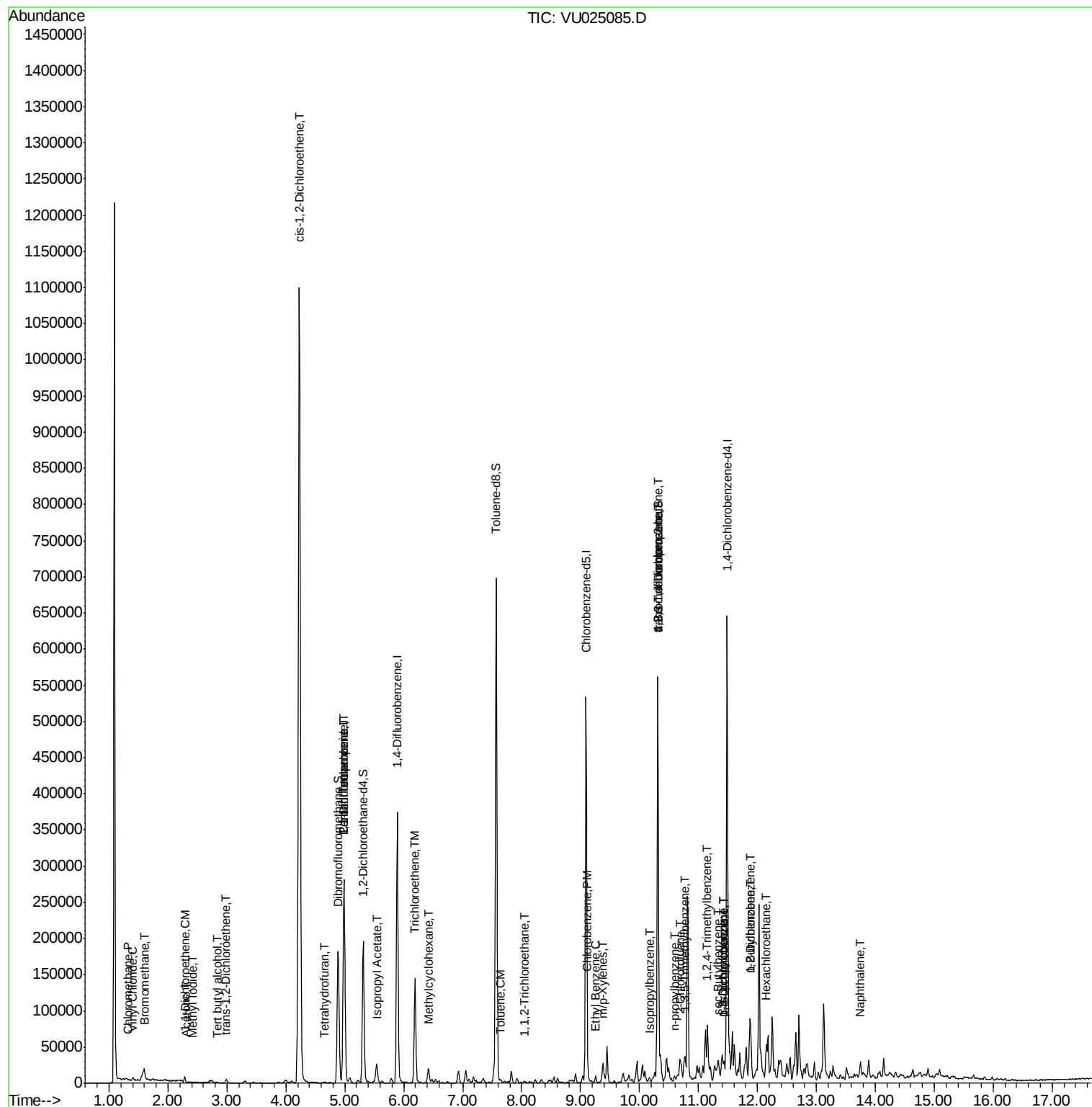
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	12.15	117	2125	0.909	ug/l #	8
91) 1,2-Dichlorobenzene	11.89	146	6458	1.075	ug/l	95
95) Naphthalene	13.75	128	18243	2.144	ug/l	99

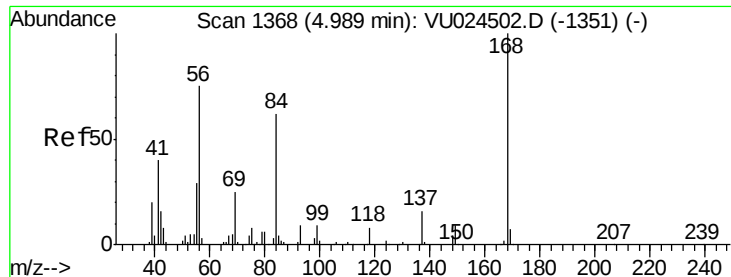
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VU025085.D

Acq: 30 Jun 2018 13:57

Instrument :

MSVOA_U

ClientSampleId :

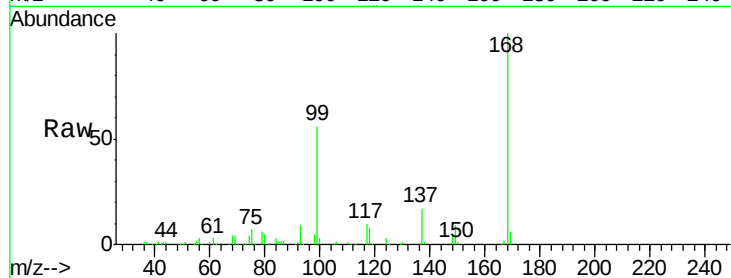
WP021SB478-25-27-180621ME

Tgt Ion:168 Resp: 211173

Ion Ratio Lower Upper

168 100

99 56.4 43.2 64.8



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

Ion 98.90 (98.60 to 99.60): VU024502.D (-1351) (-)

4.99

100000

80000

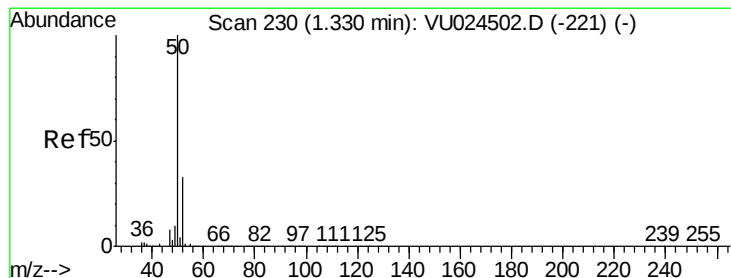
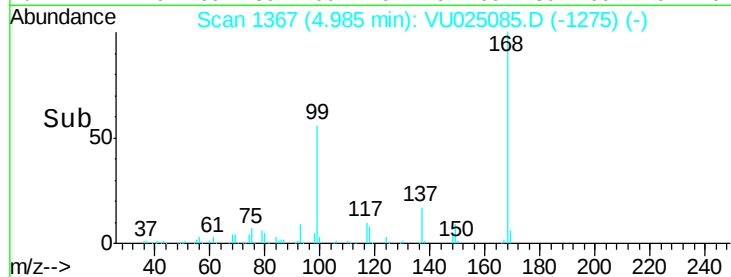
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 0.253 ug/l

RT: 1.33 min Scan# 229

Delta R.T. -0.00 min

Lab File: VU025085.D

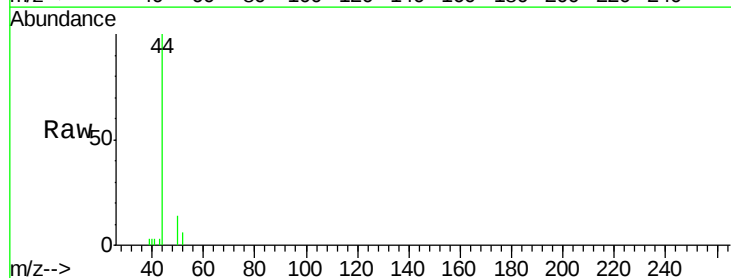
Acq: 30 Jun 2018 13:57

Tgt Ion: 50 Resp: 683

Ion Ratio Lower Upper

50 100

52 40.5 26.4 39.6#



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

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

1.33

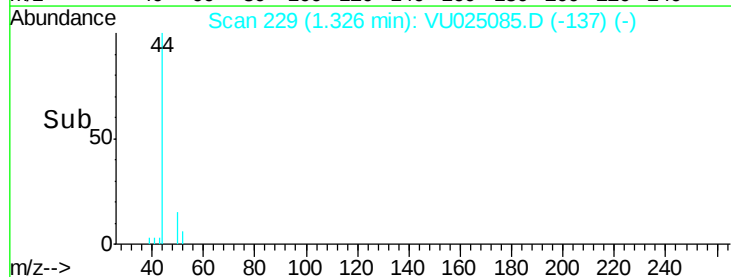
600

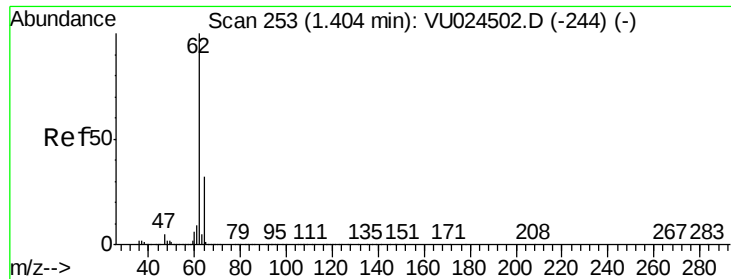
400

200

0

Time-->





#4

Vinyl Chloride

Concen: 0.977 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU025085.D

Acq: 30 Jun 2018 13:57

Instrument :

MSVOA_U

ClientSampleId :

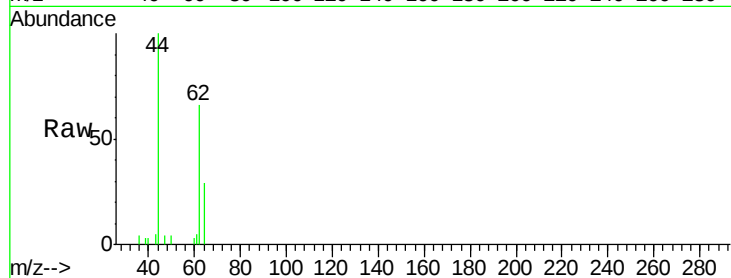
WP021SB478-25-27-180621ME

Tgt Ion: 62 Resp: 2721

Ion Ratio Lower Upper

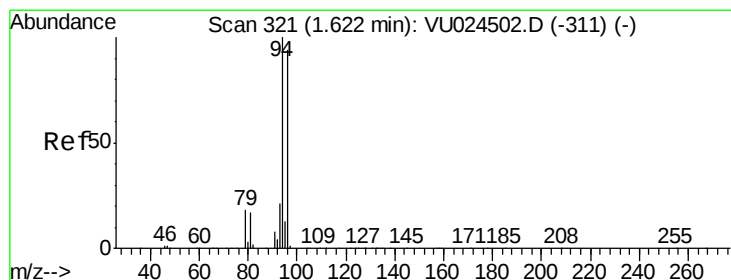
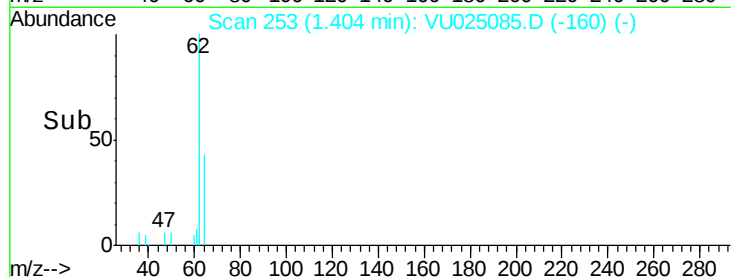
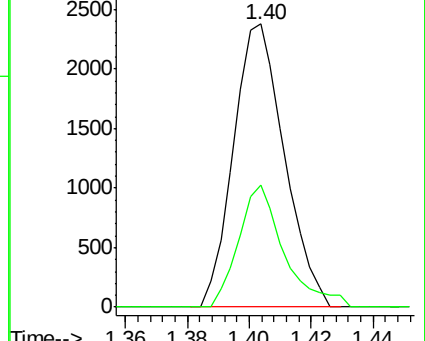
62 100

64 43.2 24.8 37.2#



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0



#5

Bromomethane

Concen: 0.511 ug/l

RT: 1.61 min Scan# 318

Delta R.T. -0.01 min

Lab File: VU025085.D

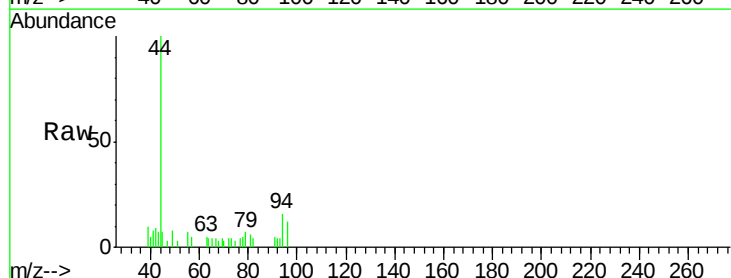
Acq: 30 Jun 2018 13:57

Tgt Ion: 94 Resp: 688

Ion Ratio Lower Upper

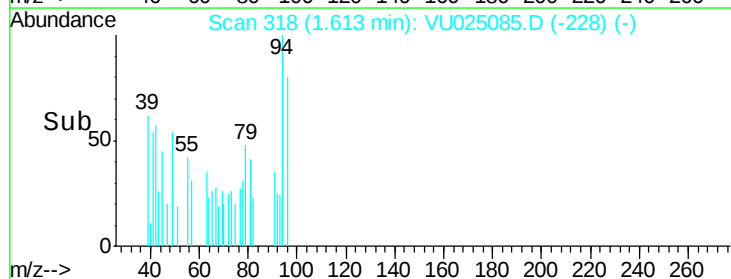
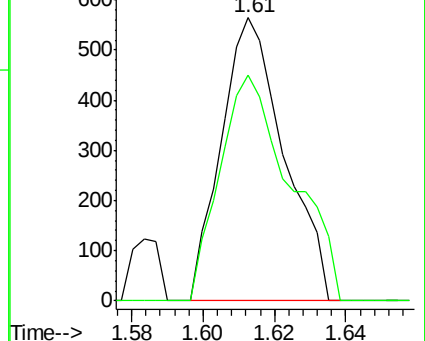
94 100

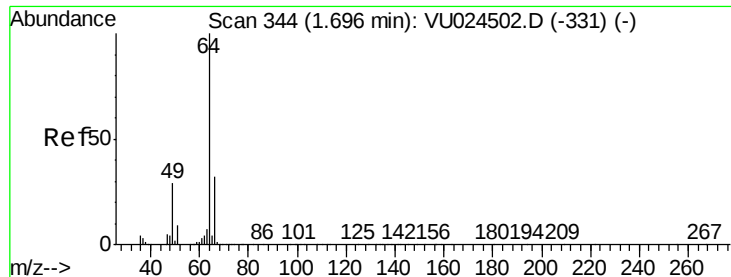
96 79.6 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0





#6

Chloroethane

Concen: Below Cal

RT: 1.77 min Scan# 366

Delta R.T. 0.07 min

Lab File: VU025085.D

Acq: 30 Jun 2018 13:57

Instrument :

MSVOA_U

ClientSampleId :

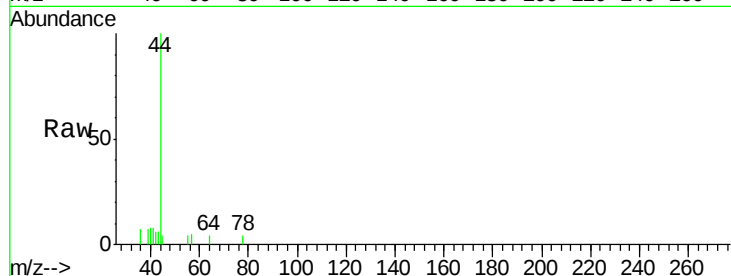
WP021SB478-25-27-180621ME

Tgt Ion: 64 Resp: 62

Ion Ratio Lower Upper

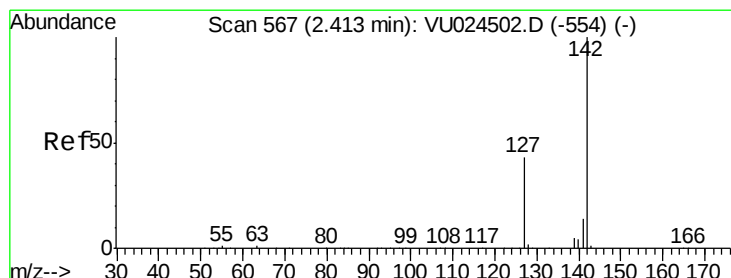
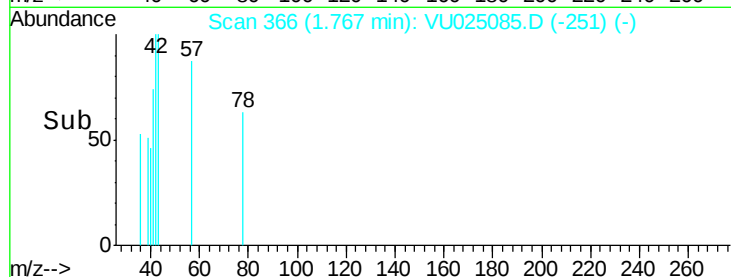
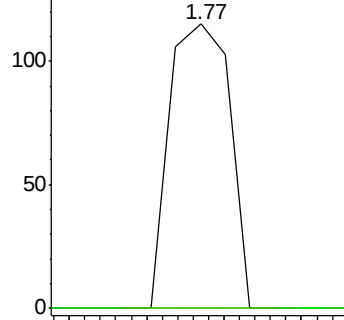
64 100

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



#10

Methyl Iodide

Concen: 5.503 ug/l

RT: 2.42 min Scan# 569

Delta R.T. 0.01 min

Lab File: VU025085.D

Acq: 30 Jun 2018 13:57

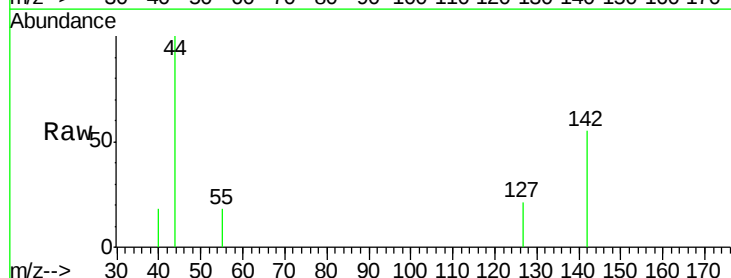
Tgt Ion: 142 Resp: 535

Ion Ratio Lower Upper

142 100

127 28.8 35.6 53.4#

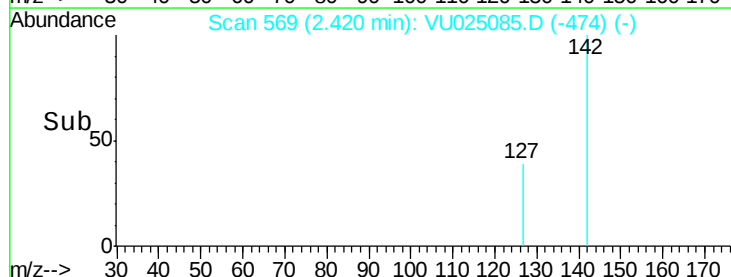
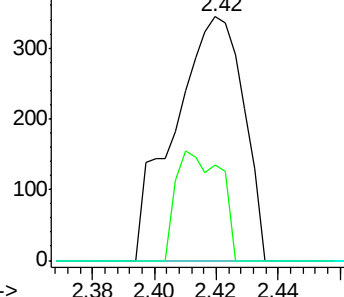
141 0.0 11.7 17.5#

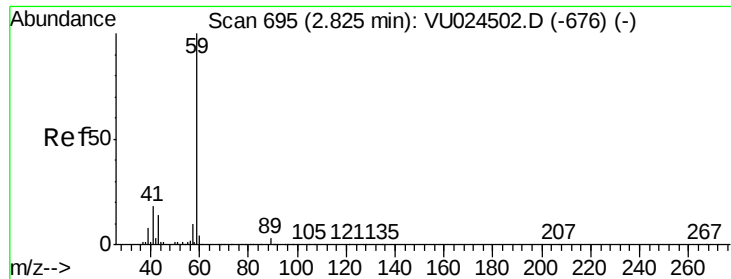


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



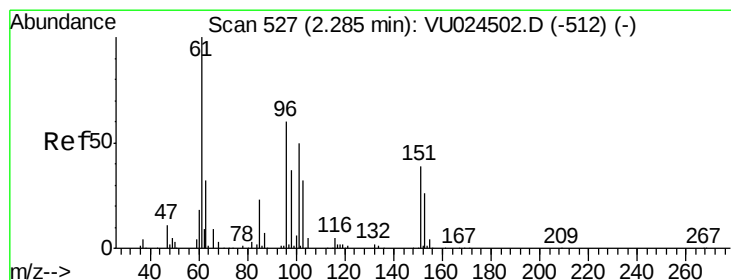
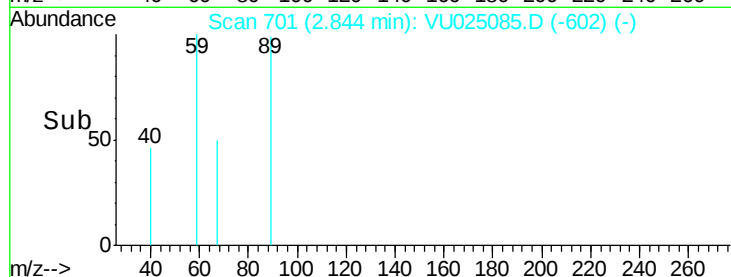
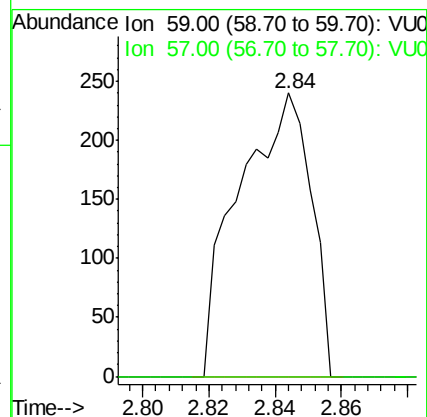
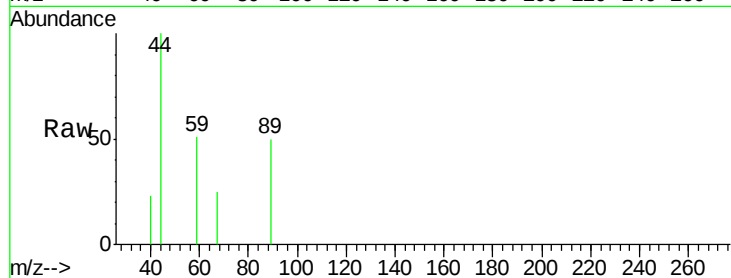


#11

Tert butyl alcohol
Concen: 0.434 ug/l
RT: 2.84 min Scan# 701
Delta R.T. 0.02 min
Lab File: VU025085.D
Acq: 30 Jun 2018 13:57

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ClientSampleId :
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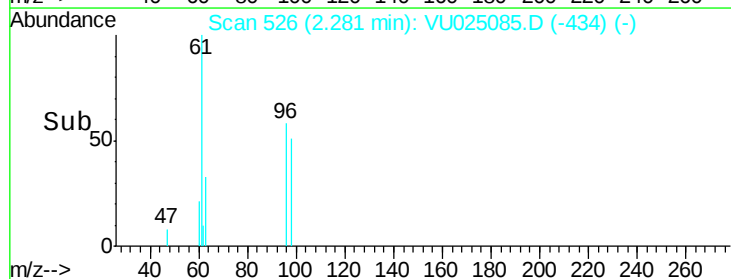
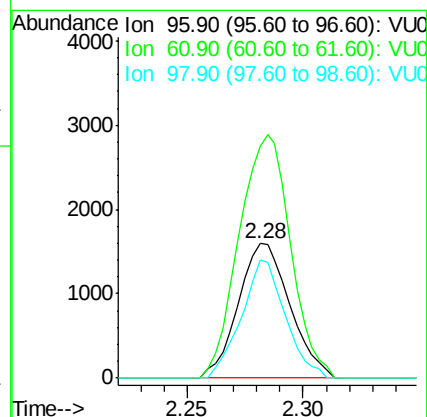
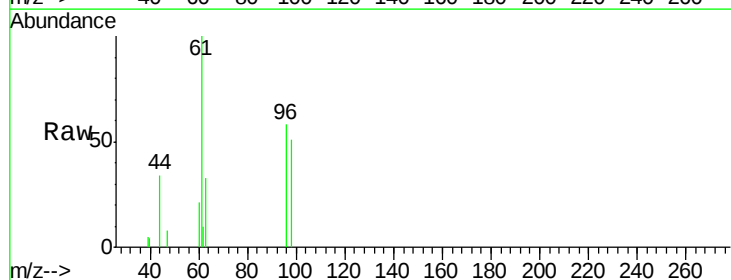
Tgt Ion: 59 Resp: 364
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

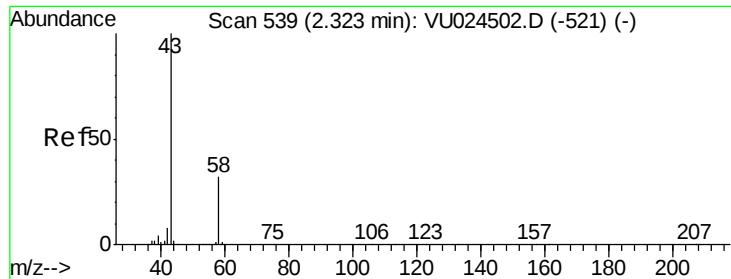


#12

1,1-Dichloroethene
Concen: 1.026 ug/l
RT: 2.28 min Scan# 526
Delta R.T. -0.00 min
Lab File: VU025085.D
Acq: 30 Jun 2018 13:57

Tgt Ion: 96 Resp: 2467
Ion Ratio Lower Upper
96 100
61 172.5 141.7 212.5
98 87.6 51.6 77.4#





#16

Acetone

Concen: 0.498 ug/l

RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU025085.D

Acq: 30 Jun 2018 13:57

Instrument :

MSVOA_U

ClientSampleId :

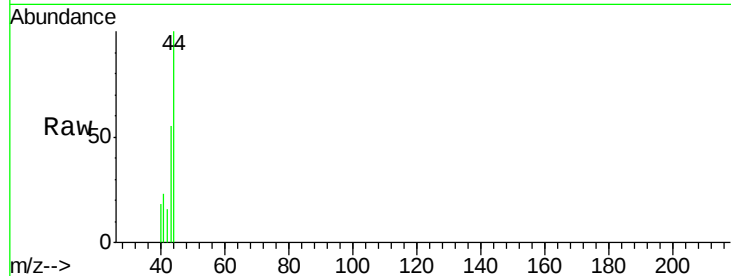
WP021SB478-25-27-180621ME

Tgt Ion: 43 Resp: 923

Ion Ratio Lower Upper

43 100

58 0.0 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

400

300

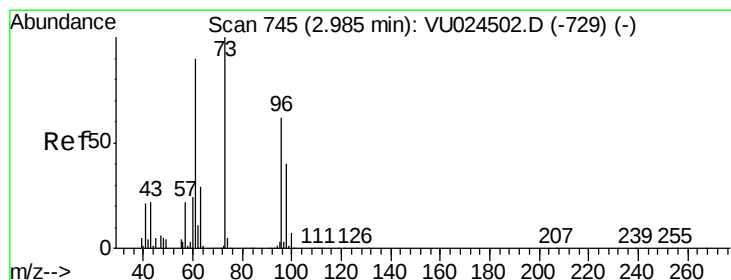
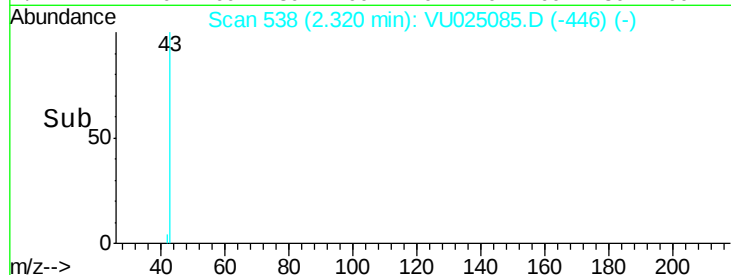
200

100

0

2.30 2.35

Time-->



#21

trans-1,2-Dichloroethene

Concen: 0.535 ug/l

RT: 2.99 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU025085.D

Acq: 30 Jun 2018 13:57

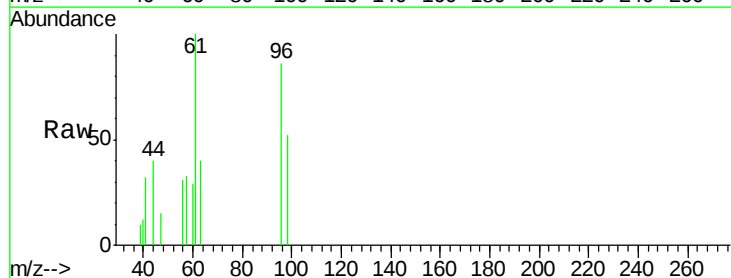
Tgt Ion: 96 Resp: 1417

Ion Ratio Lower Upper

96 100

61 115.7 119.4 179.0#

98 60.3 51.1 76.7



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

2.99

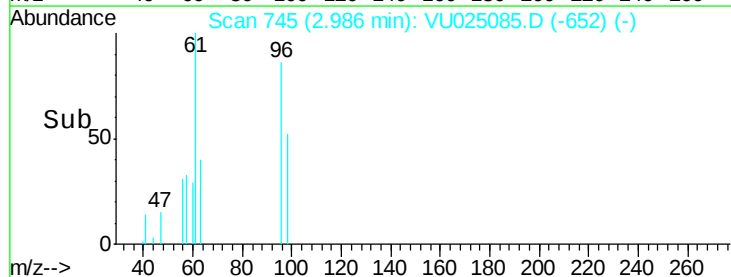
1000

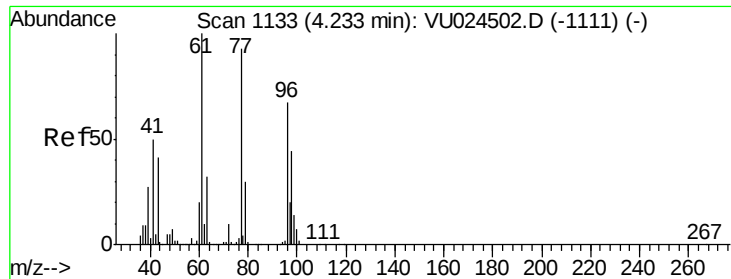
500

0

2.95 3.00

Time-->

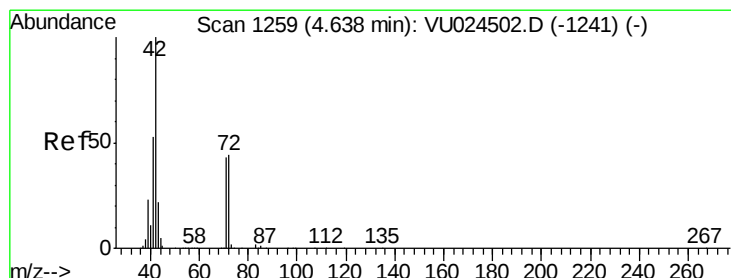
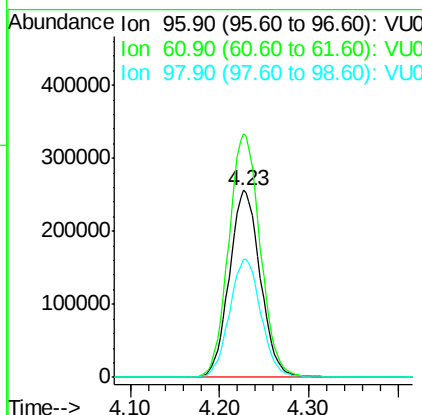
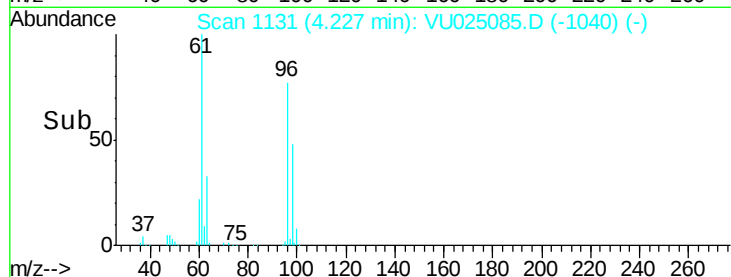
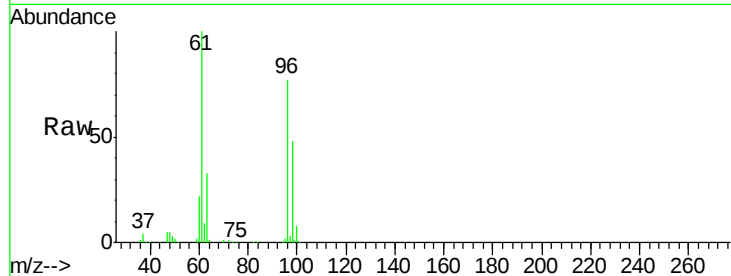




#27
 cis-1,2-Dichloroethene
 Concen: 203.096 ug/l
 RT: 4.23 min Scan# 1131
 Delta R.T. -0.01 min
 Lab File: VU025085.D
 Acq: 30 Jun 2018 13:57

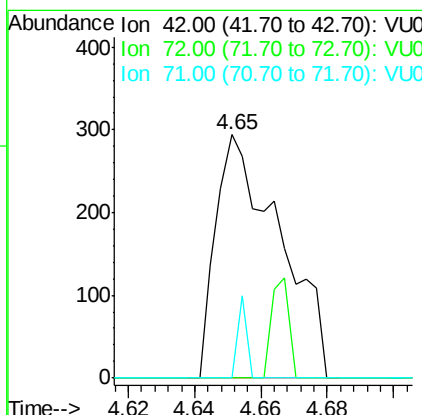
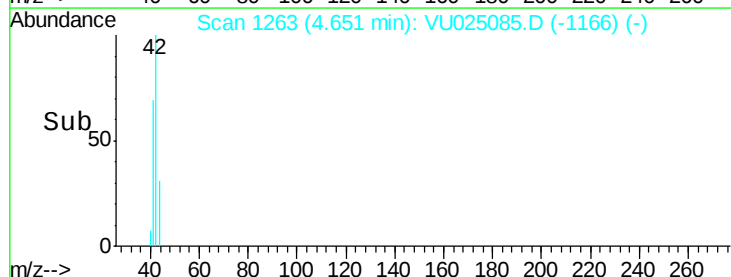
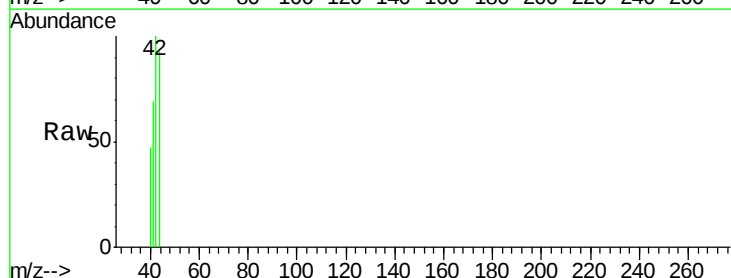
Instrument :
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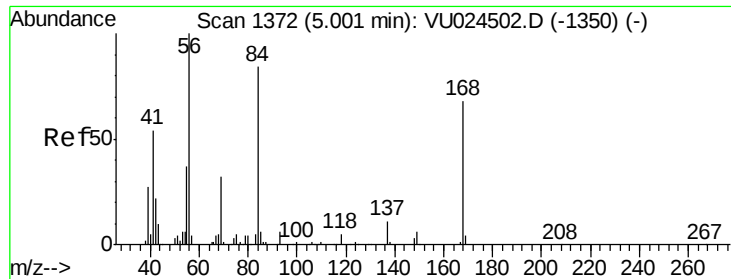
Tgt Ion: 96 Resp: 618361
 Ion Ratio Lower Upper
 96 100
 61 132.2 0.0 306.6
 98 64.0 0.0 128.8



#29
 Tetrahydrofuran
 Concen: 0.256 ug/l
 RT: 4.65 min Scan# 1263
 Delta R.T. 0.01 min
 Lab File: VU025085.D
 Acq: 30 Jun 2018 13:57

Tgt Ion: 42 Resp: 395
 Ion Ratio Lower Upper
 42 100
 72 11.1 34.5 51.7#
 71 4.8 32.2 48.4#

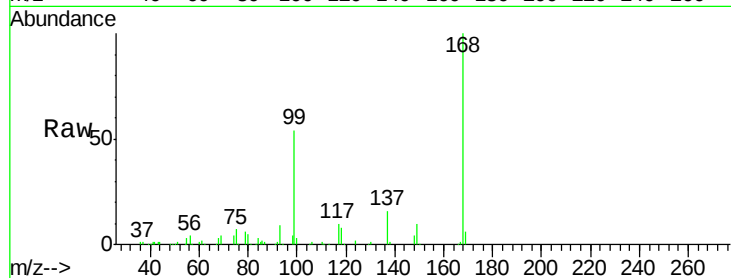




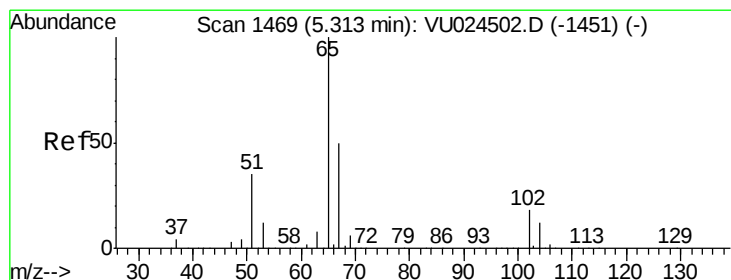
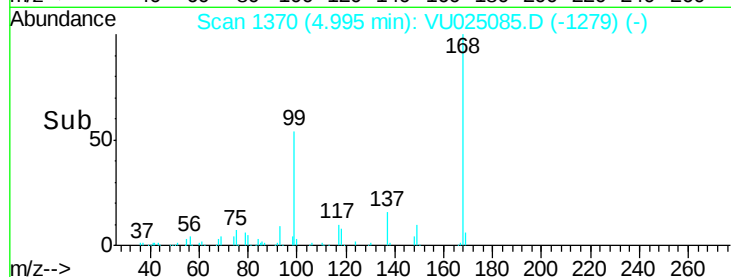
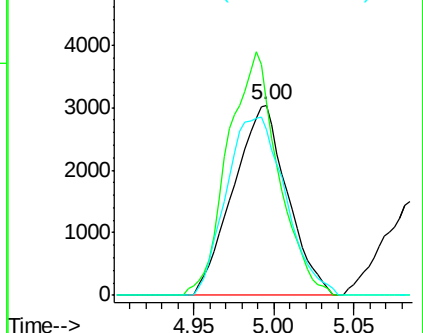
#31
Cyclohexane
Concen: Below Cal
RT: 5.00 min Scan# 1370
Delta R.T. -0.01 min
Lab File: VU025085.D
Acq: 30 Jun 2018 13:57

Instrument :
MSVOA_U
ClientSampleId :
WP021SB478-25-27-180621ME

Tgt Ion: 56 Resp: 7044
Ion Ratio Lower Upper
56 100
69 100.9 24.8 37.2#
84 86.7 65.2 97.8

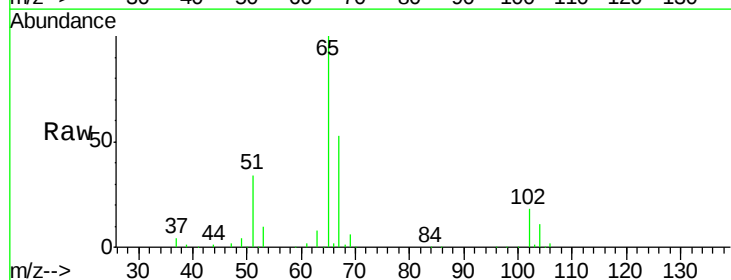


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

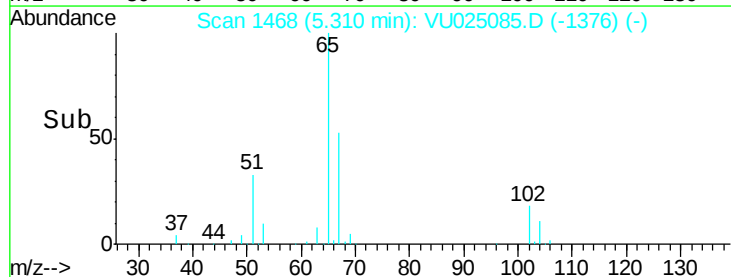
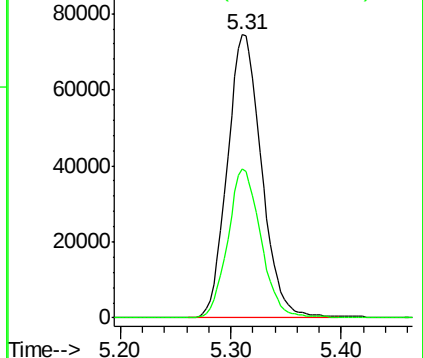


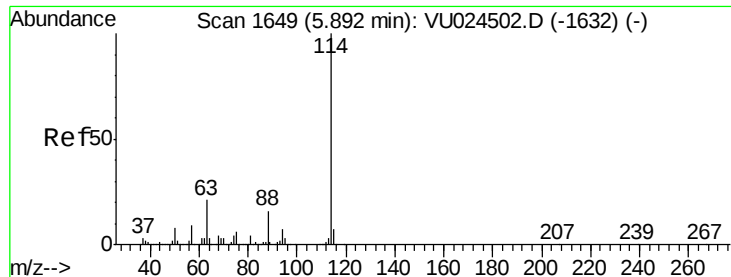
#33
1,2-Dichloroethane-d4
Concen: 46.397 ug/l
RT: 5.31 min Scan# 1468
Delta R.T. -0.00 min
Lab File: VU025085.D
Acq: 30 Jun 2018 13:57

Tgt Ion: 65 Resp: 159950
Ion Ratio Lower Upper
65 100
67 51.1 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VU0
Ion 66.90 (66.60 to 67.60): VU0

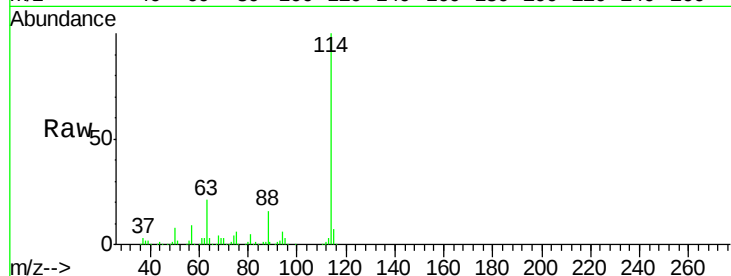




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VU025085.D
 Acq: 30 Jun 2018 13:57

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB478-25-27-180621ME

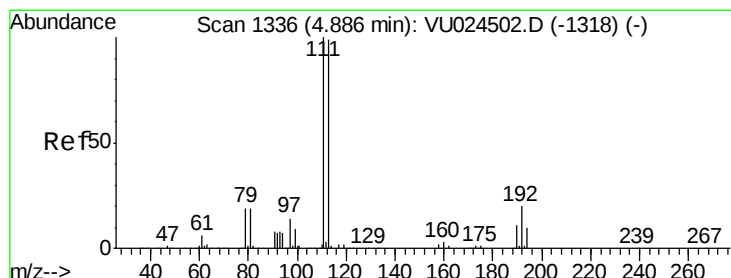
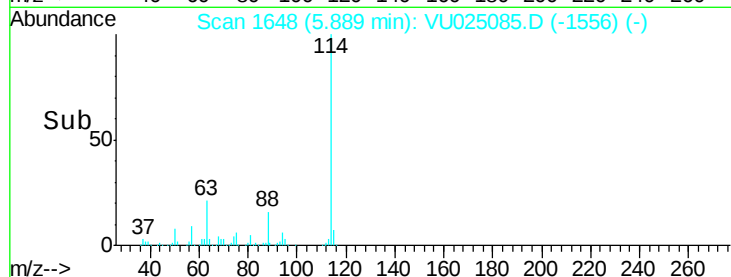
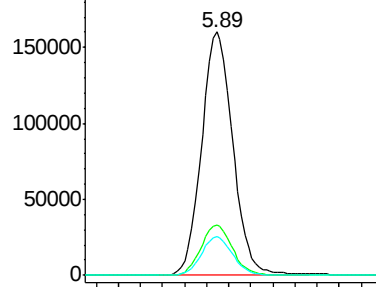
Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	45.4
88	16.0	0.0	31.0



Abundance Ion 113.90 (113.60 to 114.60): V

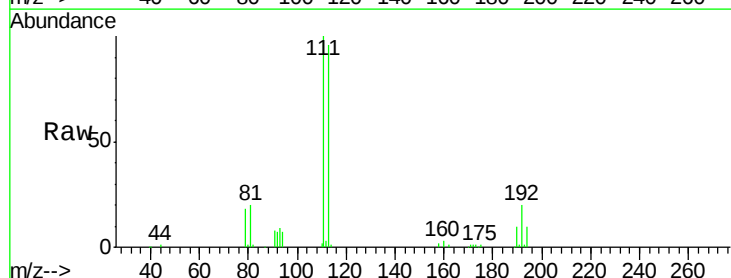
Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0



#35
 Dibromofluoromethane
 Concen: 47.083 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: VU025085.D
 Acq: 30 Jun 2018 13:57

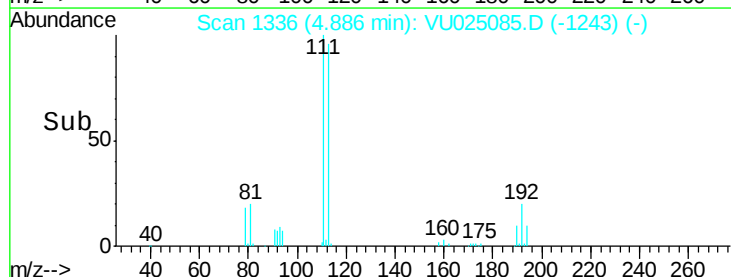
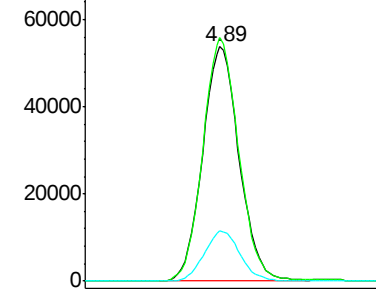
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.2	123.4
192	20.9	16.2	24.4

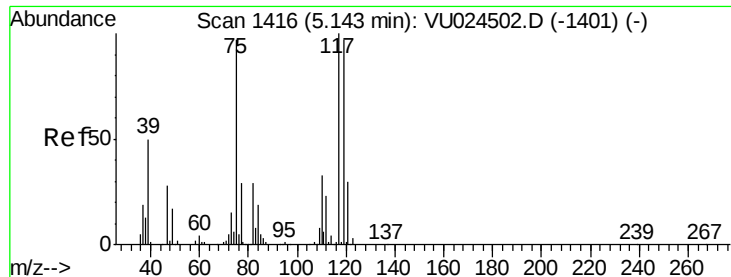


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.219 ug/l

RT: 4.99 min Scan# 1367

Delta R.T. -0.16 min

Lab File: VU025085.D

Acq: 30 Jun 2018 13:57

Instrument :

MSVOA_U

ClientSampleId :

WP021SB478-25-27-180621ME

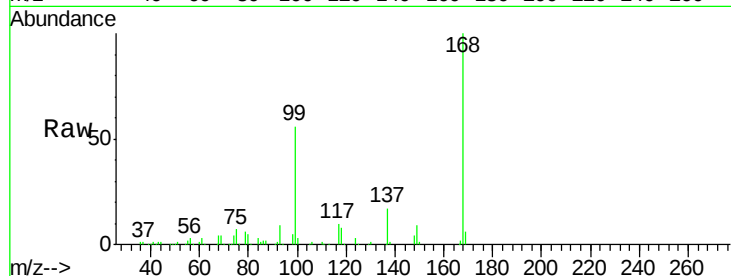
Tgt Ion: 75 Resp: 15635

Ion Ratio Lower Upper

75 100

110 10.0 17.0 50.9#

77 0.0 24.2 36.4#



Abundance Ion 74.90 (74.60 to 75.60): VU025085.D (-1367) (-)

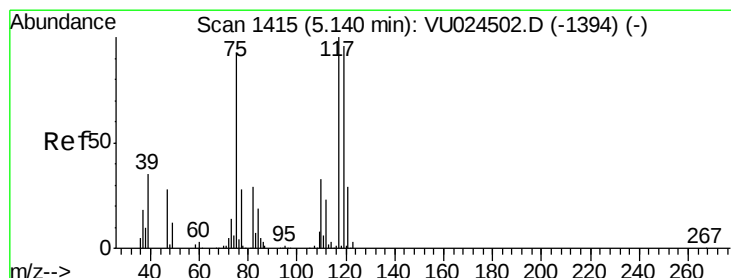
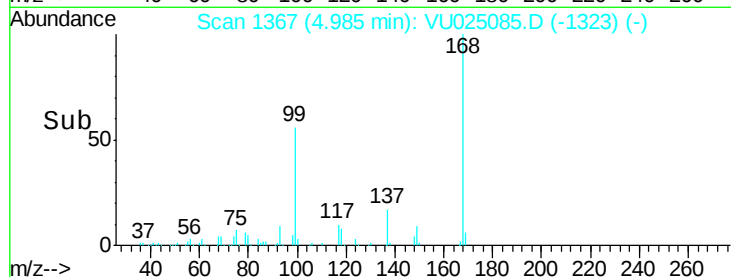
Ion 109.90 (109.60 to 110.60): VU025085.D (-1367) (-)

Ion 76.90 (76.60 to 77.60): VU025085.D (-1367) (-)

Time-->

4.99

4.90 4.95 5.00 5.05



#38

Carbon Tetrachloride

Concen: 5.080 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.15 min

Lab File: VU025085.D

Acq: 30 Jun 2018 13:57

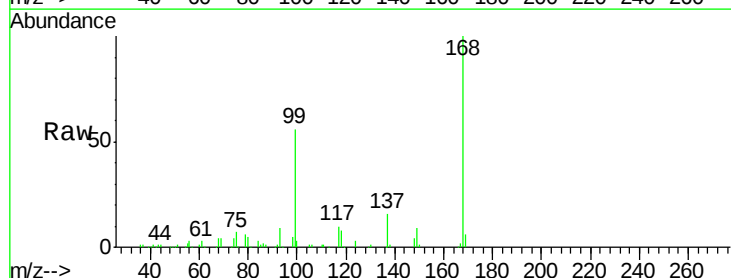
Tgt Ion: 117 Resp: 20699

Ion Ratio Lower Upper

117 100

119 4.0 76.1 114.1#

121 0.0 23.7 35.5#



Abundance Ion 116.80 (116.50 to 117.50): VU025085.D (-1368) (-)

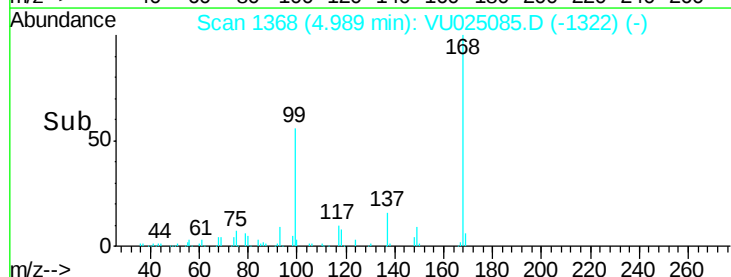
Ion 118.80 (118.50 to 119.50): VU025085.D (-1368) (-)

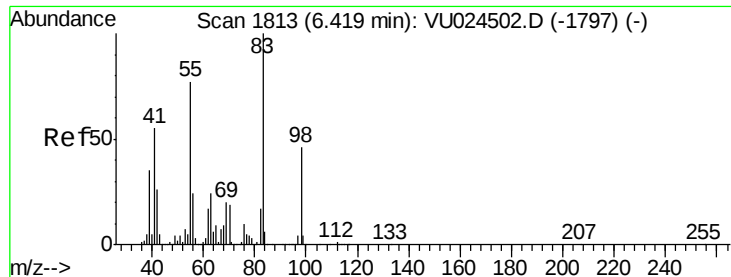
Ion 120.80 (120.50 to 121.50): VU025085.D (-1368) (-)

Time-->

4.99

4.90 4.95 5.00 5.05





#39

Methylcyclohexane

Concen: 1.865 ug/l

RT: 6.42 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VU025085.D

Acq: 30 Jun 2018 13:57

Instrument :

MSVOA_U

ClientSampleId :

WP021SB478-25-27-180621ME

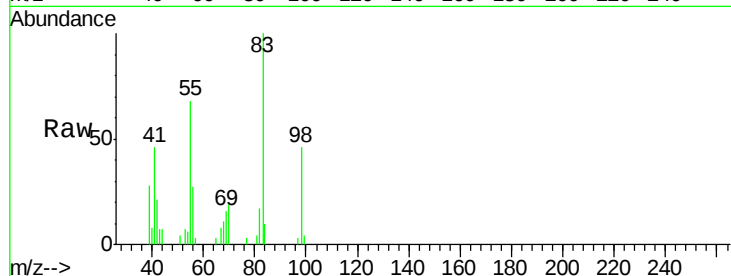
Tgt Ion: 83 Resp: 8624

Ion Ratio Lower Upper

83 100

55 64.5 65.8 98.6#

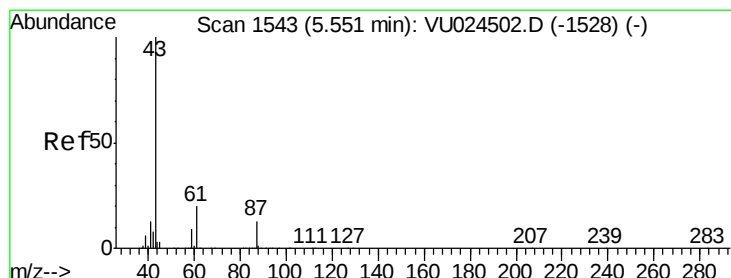
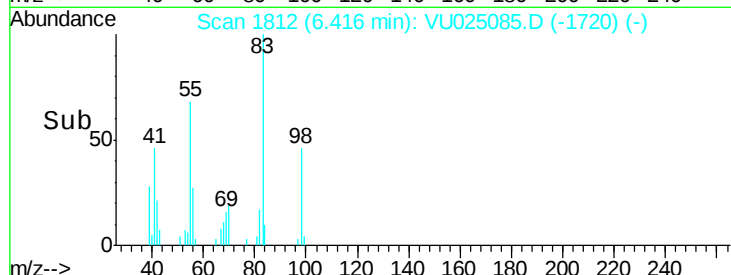
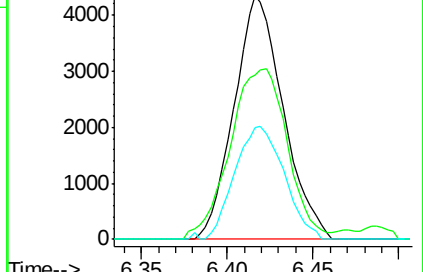
98 45.7 36.7 55.1



Abundance Ion 83.00 (82.70 to 83.70): VU025085.D (-1720) (-)

Ion 55.00 (54.70 to 55.70): VU025085.D (-1720) (-)

Ion 98.00 (97.70 to 98.70): VU025085.D (-1720) (-)



#43

Isopropyl Acetate

Concen: 0.849 ug/l

RT: 5.55 min Scan# 1542

Delta R.T. -0.00 min

Lab File: VU025085.D

Acq: 30 Jun 2018 13:57

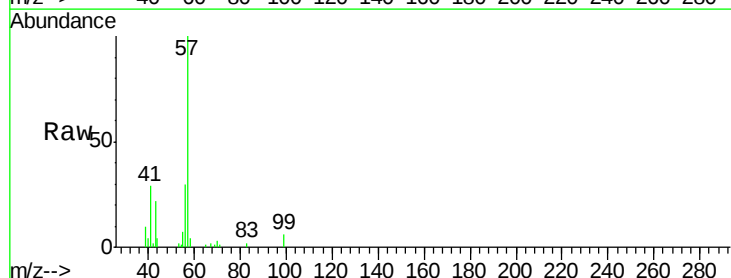
Tgt Ion: 43 Resp: 5926

Ion Ratio Lower Upper

43 100

61 0.0 15.4 23.0#

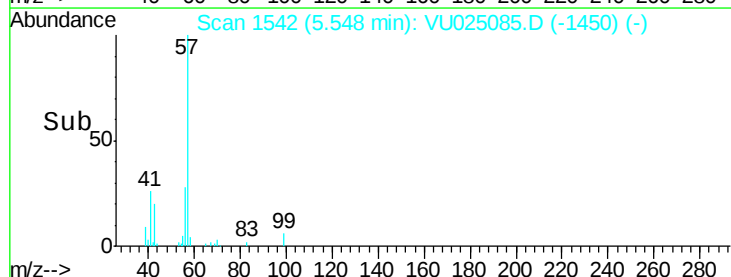
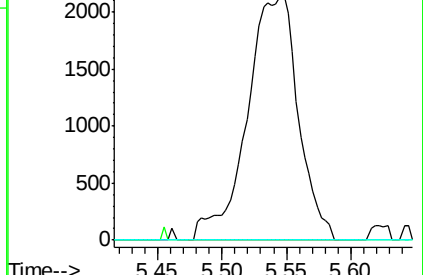
87 0.0 10.0 15.0#

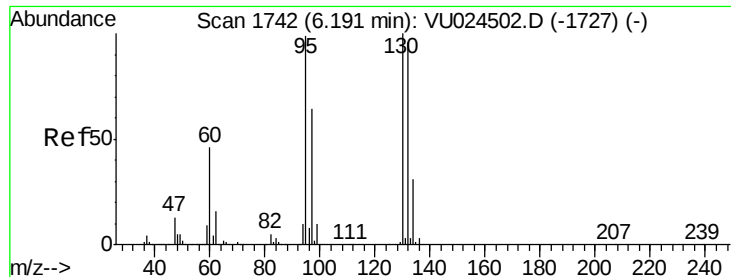


Abundance Ion 43.00 (42.70 to 43.70): VU025085.D (-1450) (-)

Ion 61.00 (60.70 to 61.70): VU025085.D (-1450) (-)

Ion 87.00 (86.70 to 87.70): VU025085.D (-1450) (-)





#44

Trichloroethene

Concen: 17.020 ug/l

RT: 6.19 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VU025085.D

Acq: 30 Jun 2018 13:57

Instrument :

MSVOA_U

ClientSampleId :

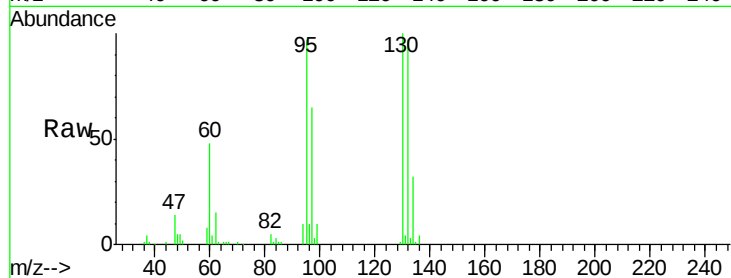
WP021SB478-25-27-180621ME

Tgt Ion:130 Resp: 51145

Ion Ratio Lower Upper

130 100

95 97.3 0.0 202.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VU0

6.19

25000

20000

15000

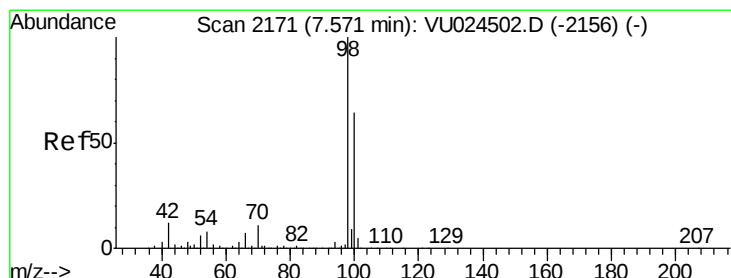
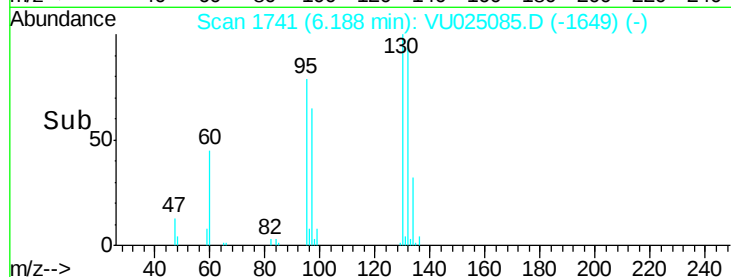
10000

5000

0

Time-->

6.10 6.15 6.20 6.25 6.30



#50

Toluene-d8

Concen: 47.386 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU025085.D

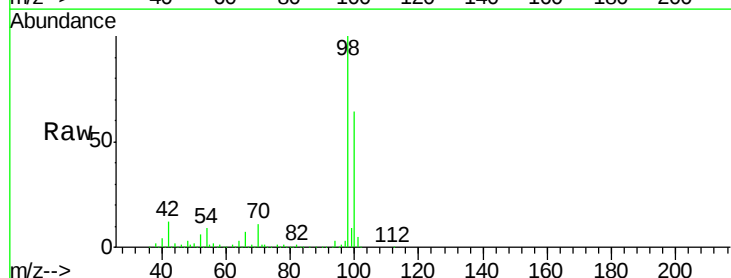
Acq: 30 Jun 2018 13:57

Tgt Ion: 98 Resp: 452340

Ion Ratio Lower Upper

98 100

100 64.0 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU

7.57

300000

250000

200000

150000

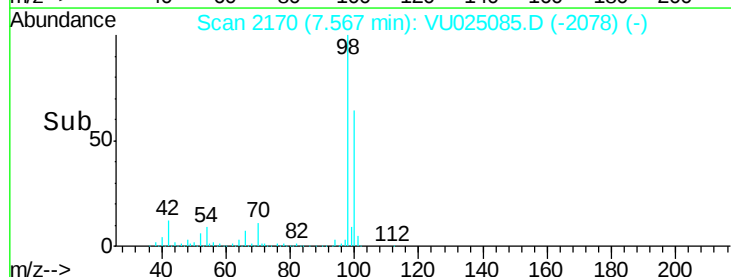
100000

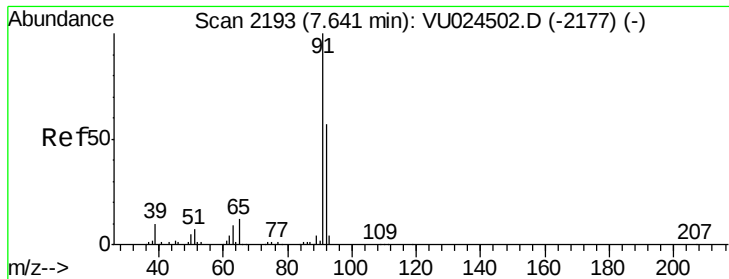
50000

0

Time-->

7.50 7.55 7.60 7.70





#52

Toluene

Concen: 0.225 ug/l

RT: 7.64 min Scan# 2194

Delta R.T. 0.00 min

Lab File: VU025085.D

Acq: 30 Jun 2018 13:57

Instrument :

MSVOA_U

ClientSampleId :

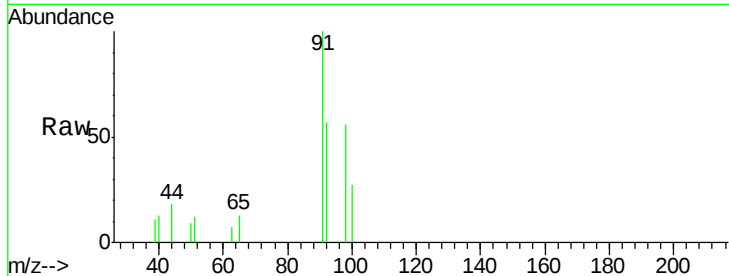
WP021SB478-25-27-180621ME

Tgt Ion: 92 Resp: 1528

Ion Ratio Lower Upper

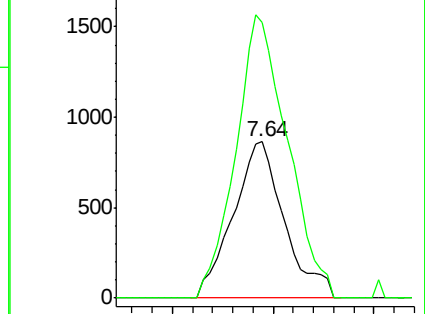
92 100

91 183.8 140.5 210.7

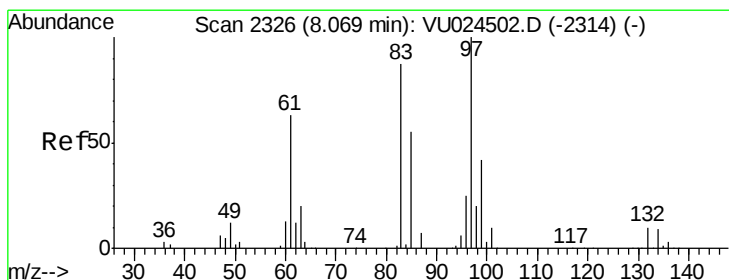
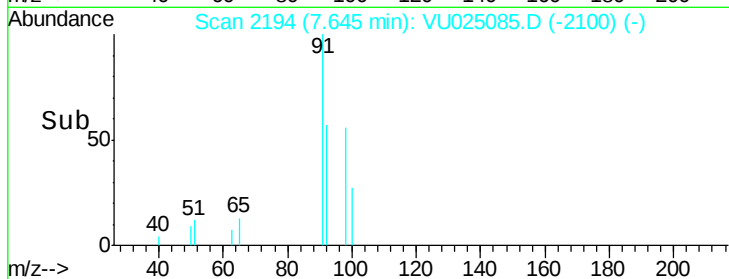


Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0



Time-->



#55

1,1,2-Trichloroethane

Concen: 0.441 ug/l

RT: 8.05 min Scan# 2319

Delta R.T. -0.02 min

Lab File: VU025085.D

Acq: 30 Jun 2018 13:57

Tgt Ion: 97 Resp: 1219

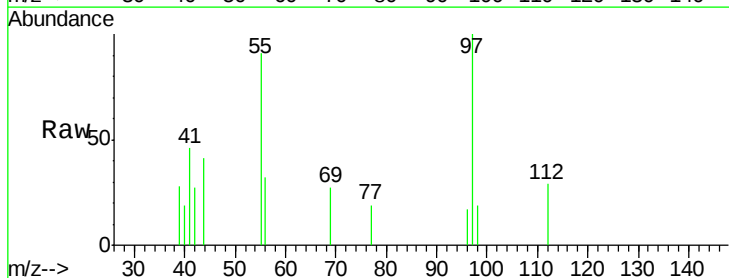
Ion Ratio Lower Upper

97 100

83 0.0 70.5 105.7#

85 0.0 46.4 69.6#

99 0.0 50.2 75.2#

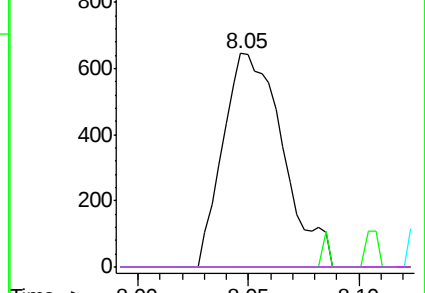


Abundance Ion 96.90 (96.60 to 97.60): VU0

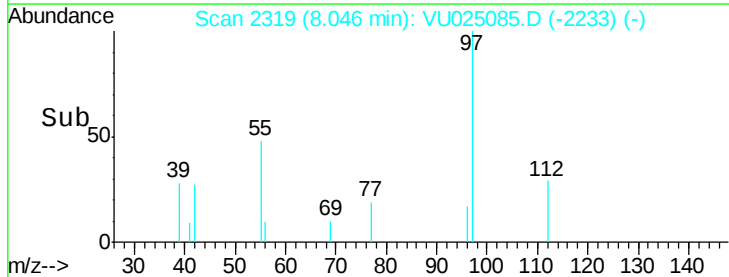
Ion 82.90 (82.60 to 83.60): VU0

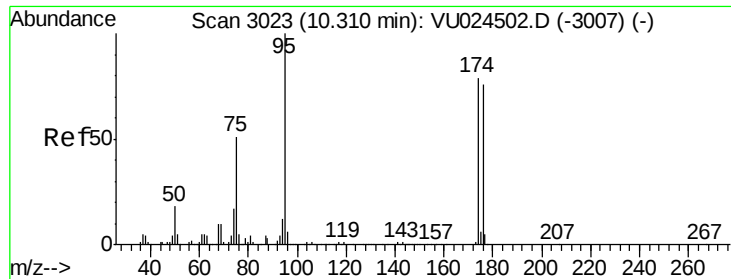
Ion 84.90 (84.60 to 85.60): VU0

Ion 98.90 (98.60 to 99.60): VU0



Time-->

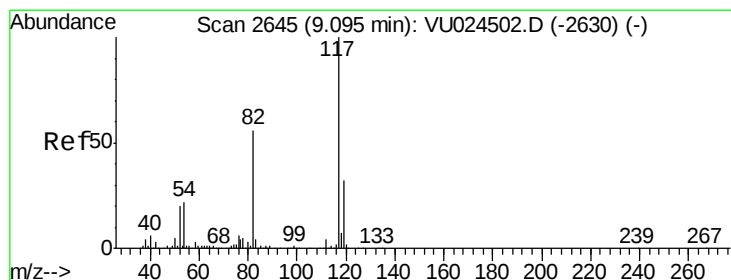
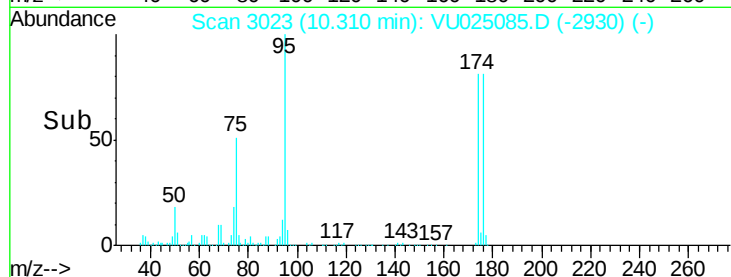
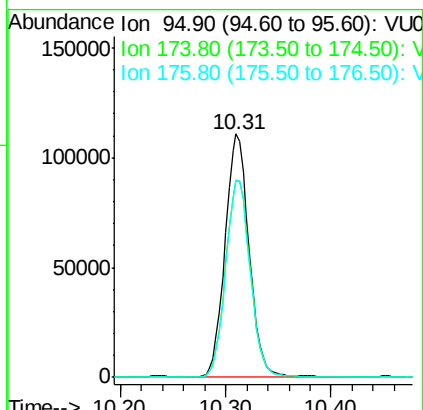
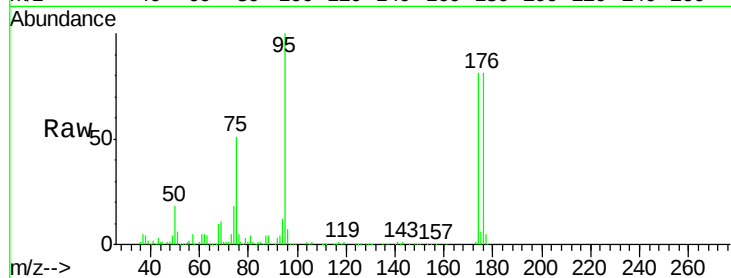




#62
4-Bromofluorobenzene
Concen: 46.143 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU025085.D
Acq: 30 Jun 2018 13:57

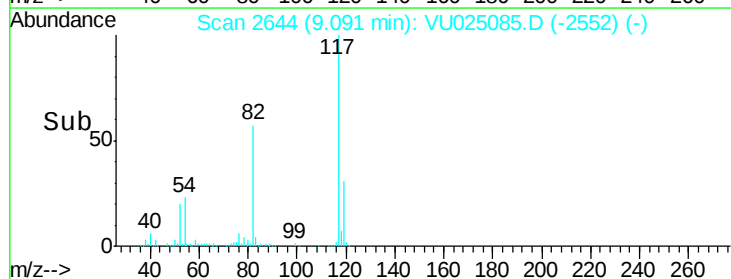
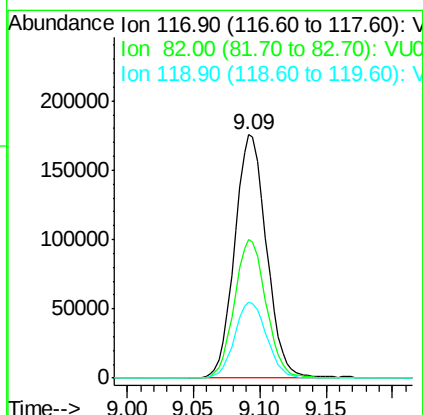
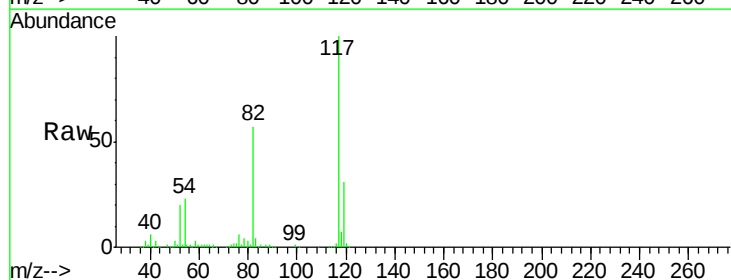
Instrument :
MSVOA_U
ClientSampleId :
WP021SB478-25-27-180621ME

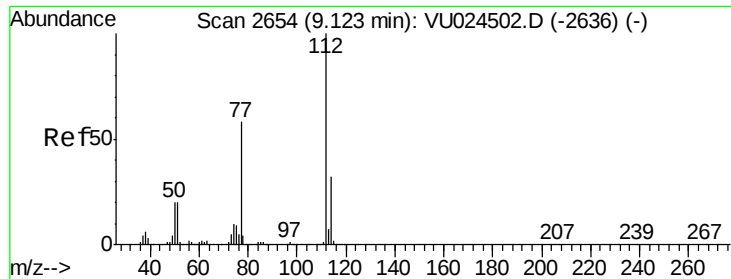
Tgt Ion	Ratio	Lower	Upper
95	100		
174	83.9	0.0	165.8
176	82.5	0.0	159.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU025085.D
Acq: 30 Jun 2018 13:57

Tgt Ion	Ratio	Lower	Upper
117	100		
82	57.1	44.3	66.5
119	31.4	25.4	38.2





#65

Chlorobenzene

Concen: 0.272 ug/l

RT: 9.12 min Scan# 2654

Delta R.T. 0.00 min

Lab File: VU025085.D

Acq: 30 Jun 2018 13:57

Instrument :

MSVOA_U

ClientSampleId :

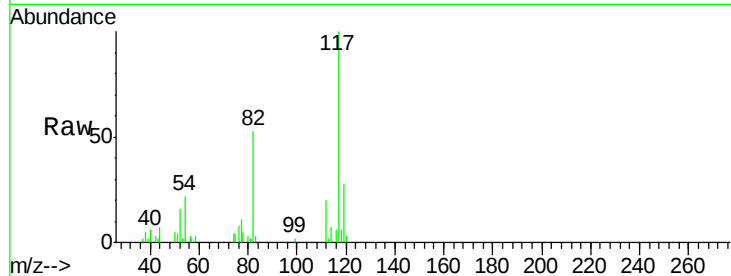
WP021SB478-25-27-180621ME

Tgt Ion:112 Resp: 2038

Ion Ratio Lower Upper

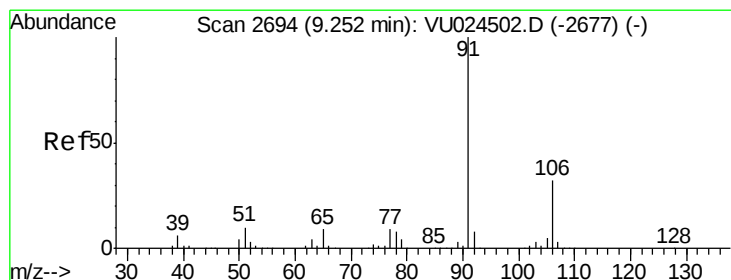
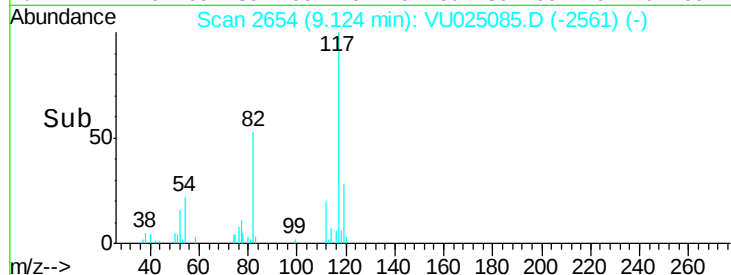
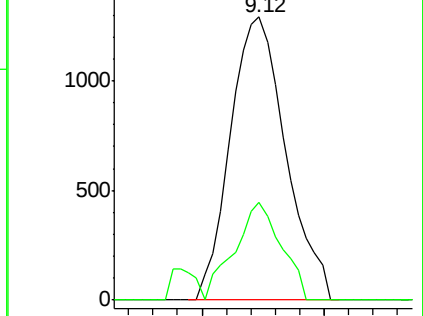
112 100

114 34.4 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: 0.382 ug/l

RT: 9.26 min Scan# 2695

Delta R.T. 0.00 min

Lab File: VU025085.D

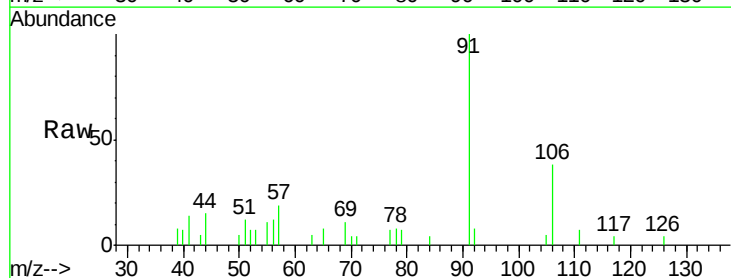
Acq: 30 Jun 2018 13:57

Tgt Ion: 91 Resp: 5011

Ion Ratio Lower Upper

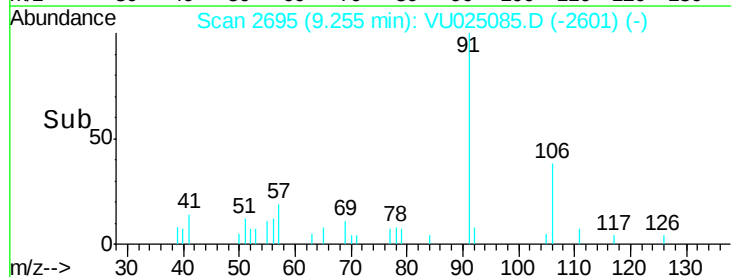
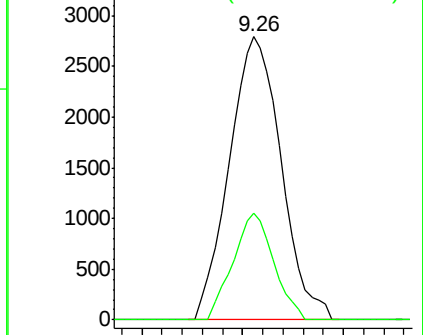
91 100

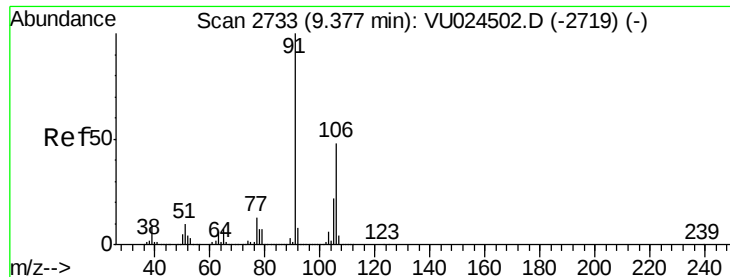
106 37.8 24.2 36.4#



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 106.00 (105.70 to 106.70): V

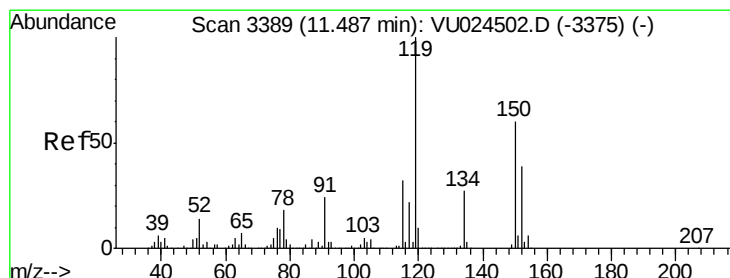
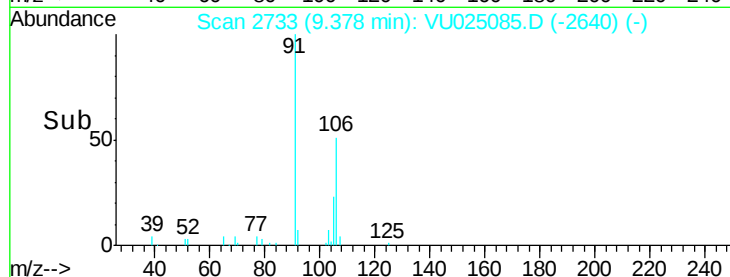
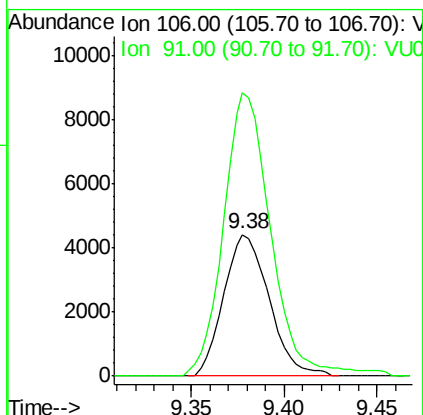
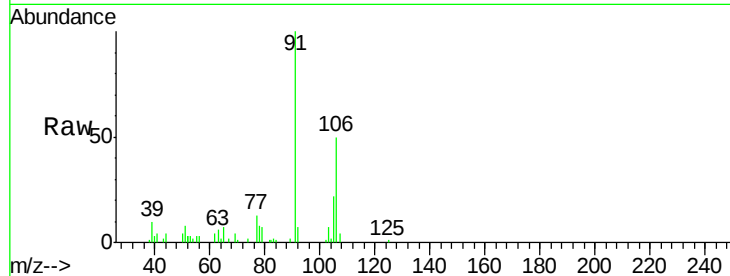




#68
m/p-Xylenes
Concen: 1.490 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU025085.D
Acq: 30 Jun 2018 13:57

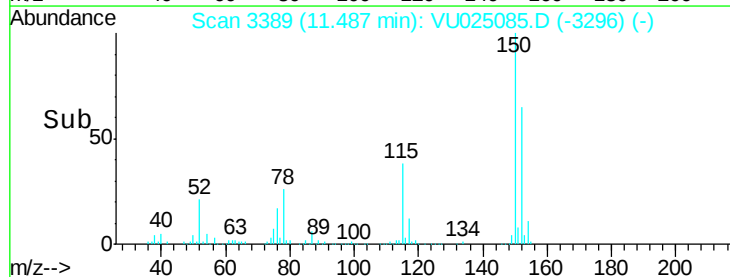
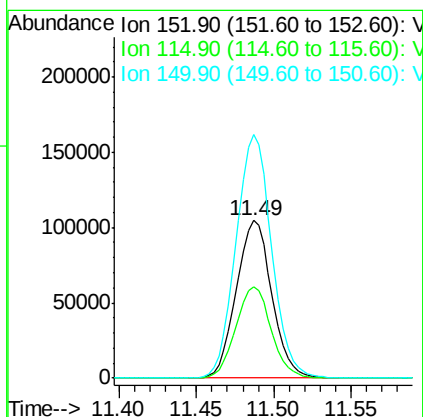
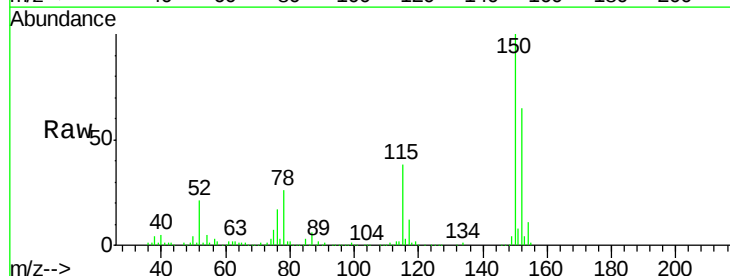
Instrument :
MSVOA_U
ClientSampleId :
WP021SB478-25-27-180621ME

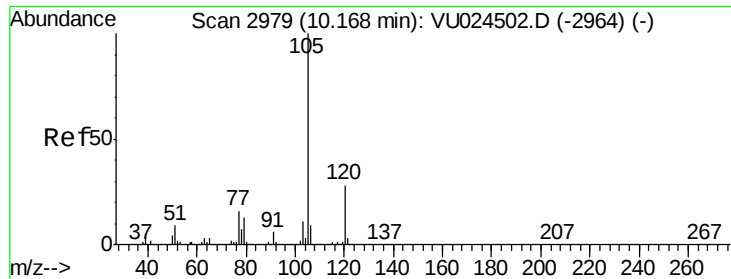
Tgt Ion:106 Resp: 7513
Ion Ratio Lower Upper
106 100
91 207.7 166.5 249.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VU025085.D
Acq: 30 Jun 2018 13:57

Tgt Ion:152 Resp: 167029
Ion Ratio Lower Upper
152 100
115 57.7 43.0 129.0
150 155.4 0.0 354.0





#73

Isopropylbenzene

Concen: 0.206 ug/l

RT: 10.17 min Scan# 2980

Delta R.T. 0.00 min

Lab File: VU025085.D

Acq: 30 Jun 2018 13:57

Instrument :

MSVOA_U

ClientSampleId :

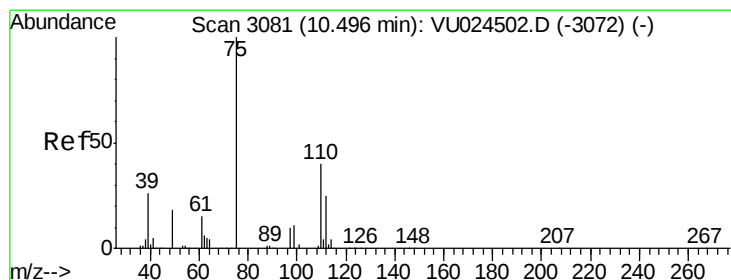
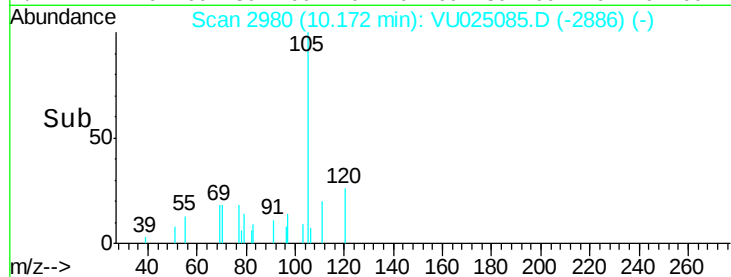
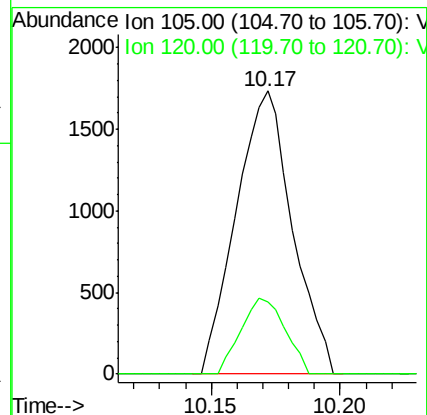
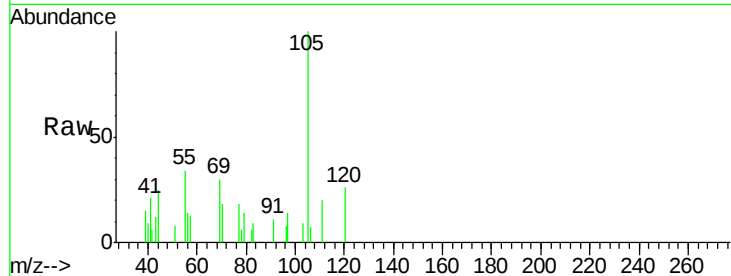
WP021SB478-25-27-180621ME

Tgt Ion:105 Resp: 2640

Ion Ratio Lower Upper

105 100

120 21.1 13.2 39.6



#76

1,2,3-Trichloropropane

Concen: 24.891 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.19 min

Lab File: VU025085.D

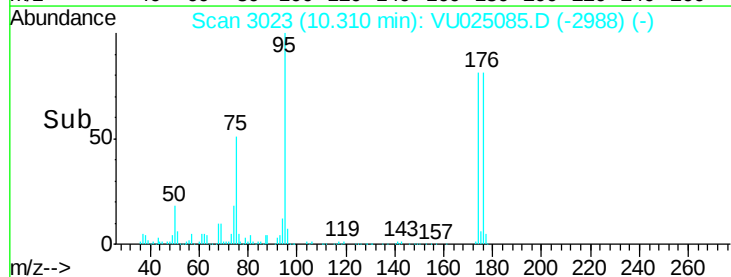
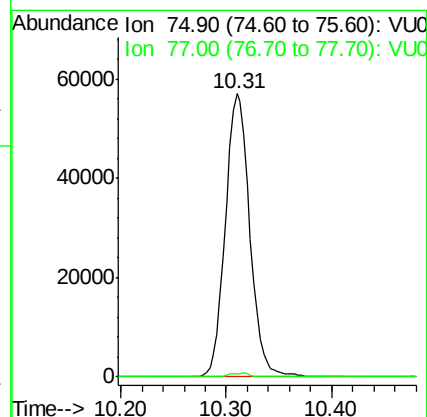
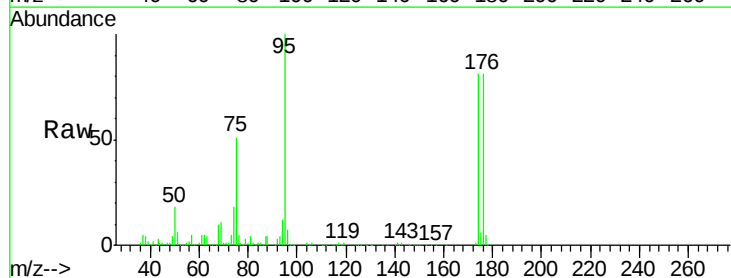
Acq: 30 Jun 2018 13:57

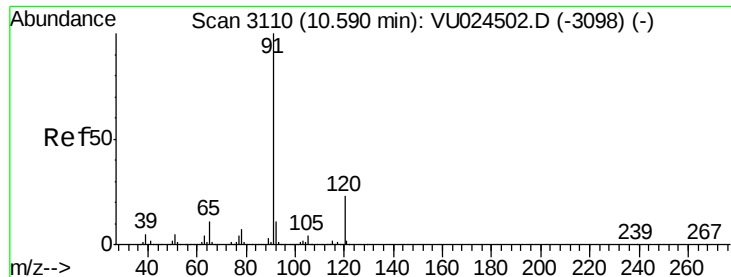
Tgt Ion: 75 Resp: 91534

Ion Ratio Lower Upper

75 100

77 1.2 20.9 62.7#

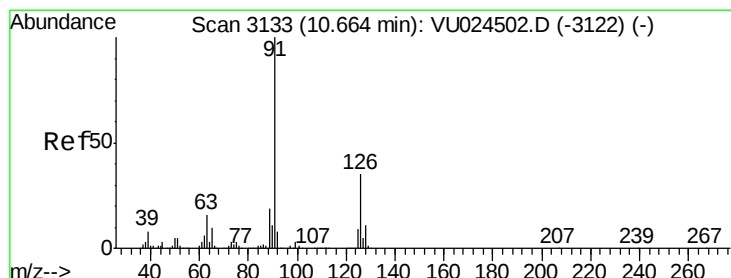
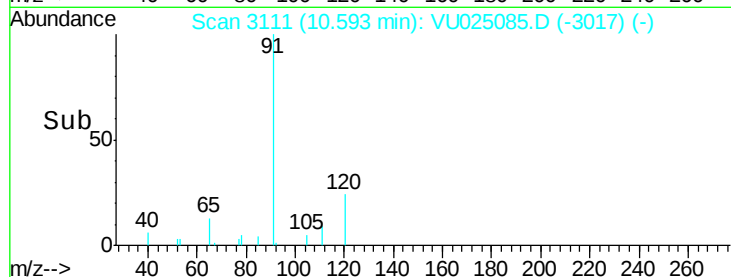
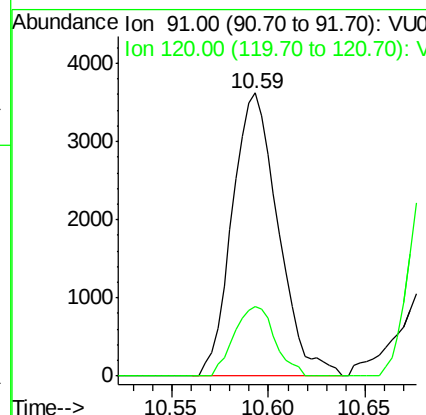
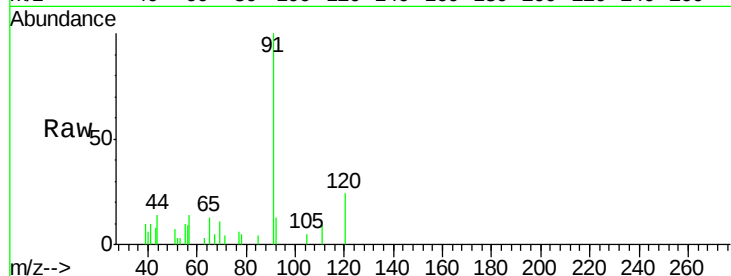




#78
n-propylbenzene
Concen: 0.396 ug/l
RT: 10.59 min Scan# 3111
Delta R.T. 0.00 min
Lab File: VU025085.D
Acq: 30 Jun 2018 13:57

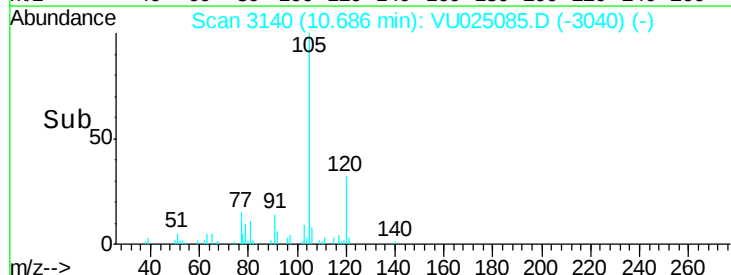
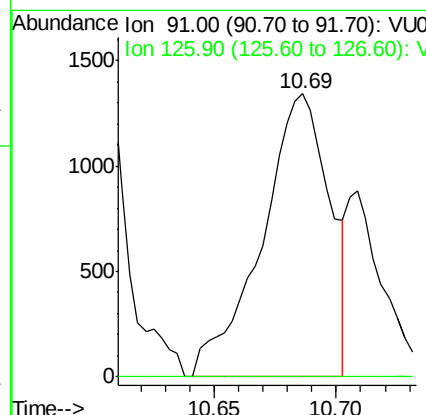
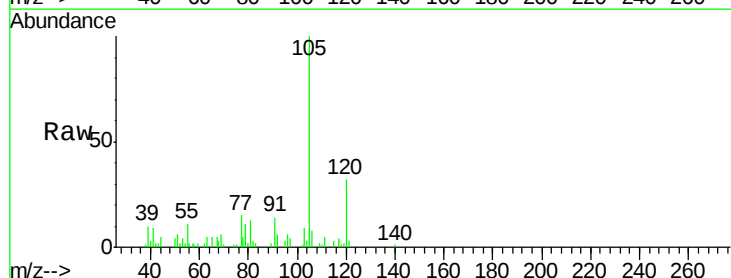
Instrument :
MSVOA_U
ClientSampleId :
WP021SB478-25-27-180621ME

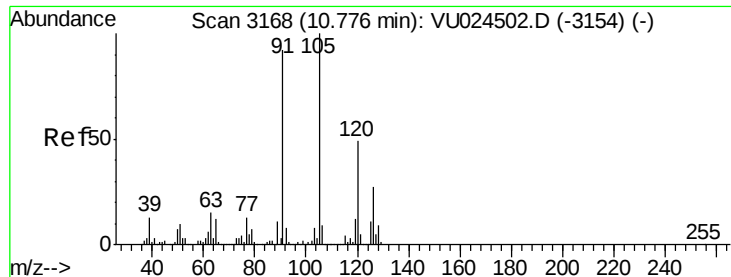
Tgt Ion: 91 Resp: 5978
Ion Ratio Lower Upper
91 100
120 21.8 11.2 33.5



#79
2-Chlorotoluene
Concen: 0.291 ug/l
RT: 10.69 min Scan# 3140
Delta R.T. 0.02 min
Lab File: VU025085.D
Acq: 30 Jun 2018 13:57

Tgt Ion: 91 Resp: 2592
Ion Ratio Lower Upper
91 100
126 0.0 16.9 50.7#





#80

1,3,5-Trimethylbenzene

Concen: 1.253 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025085.D

Acq: 30 Jun 2018 13:57

Instrument :

MSVOA_U

ClientSampleId :

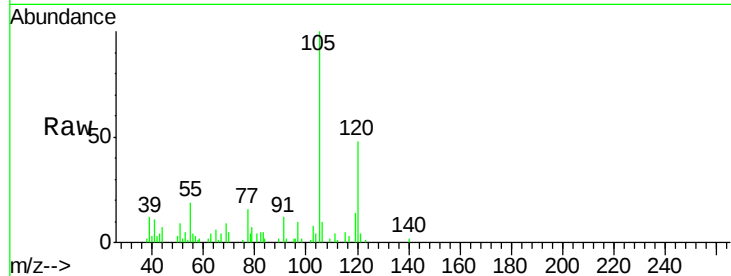
WP021SB478-25-27-180621ME

Tgt Ion:105 Resp: 13922

Ion Ratio Lower Upper

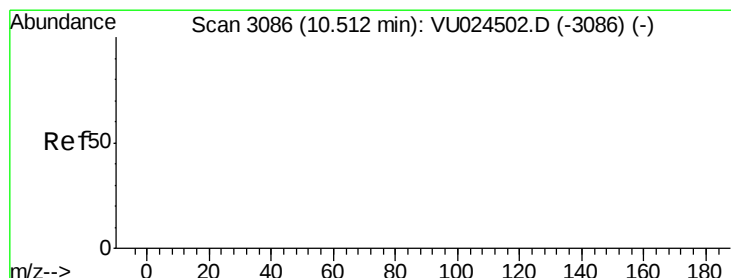
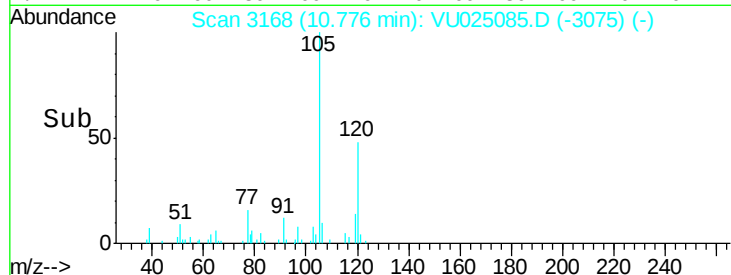
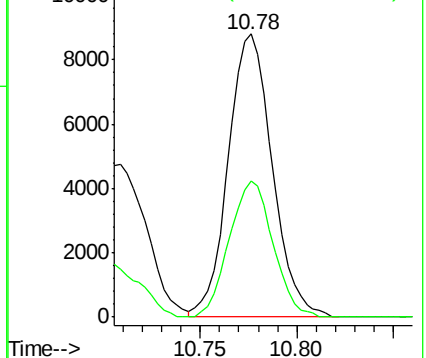
105 100

120 47.7 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: 57.608 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.20 min

Lab File: VU025085.D

Acq: 30 Jun 2018 13:57

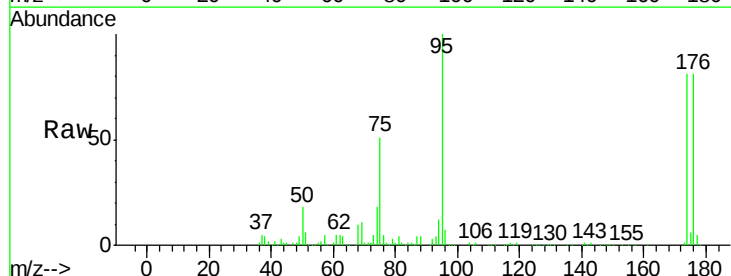
Tgt Ion: 75 Resp: 91534

Ion Ratio Lower Upper

75 100

53 0.4 0.0 0.0#

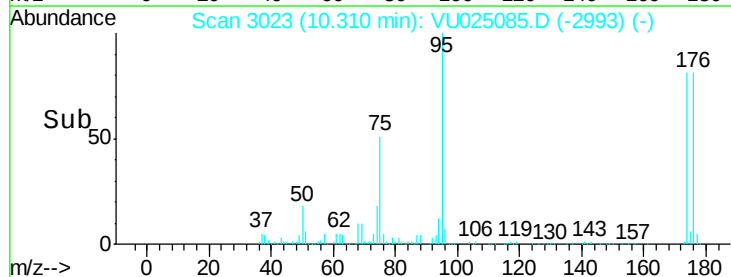
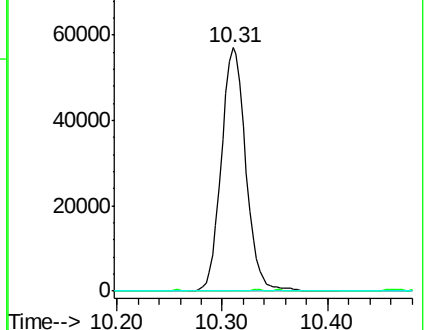
89 0.0 0.0 0.0

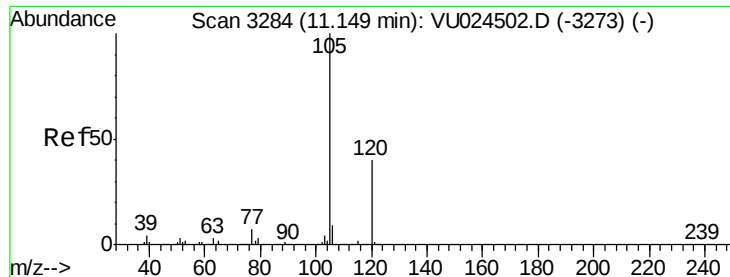


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0

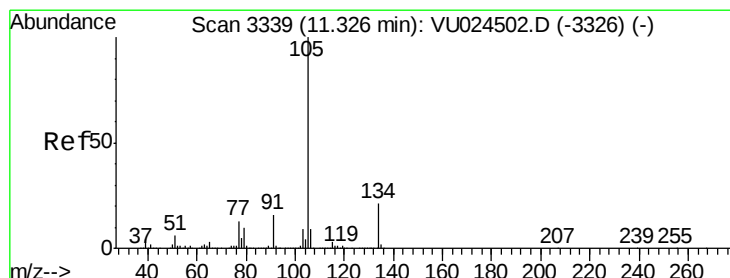
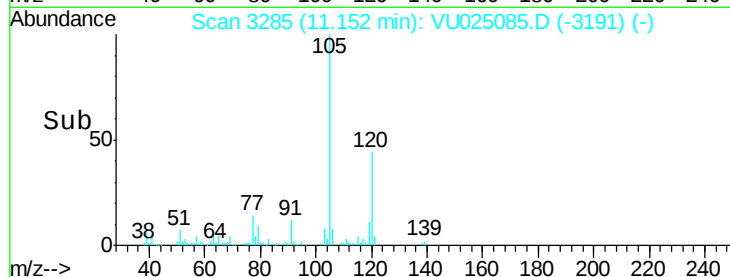
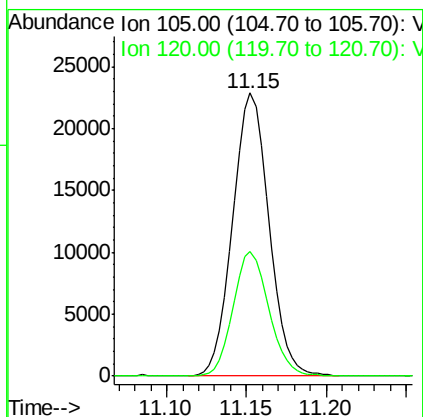
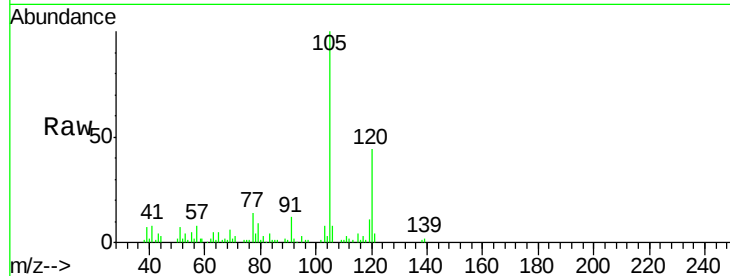




#84
 1,2,4-Trimethylbenzene
 Concen: 3.113 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU025085.D
 Acq: 30 Jun 2018 13:57

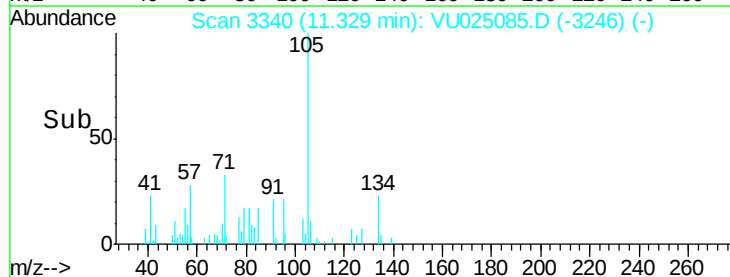
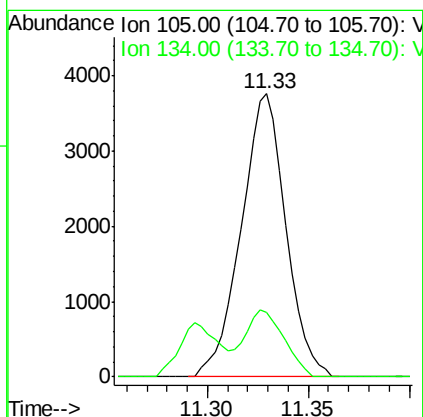
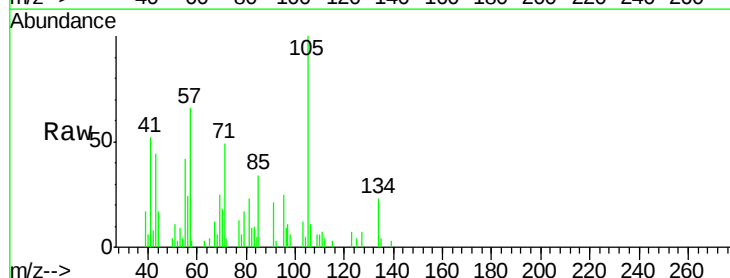
Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB478-25-27-180621ME

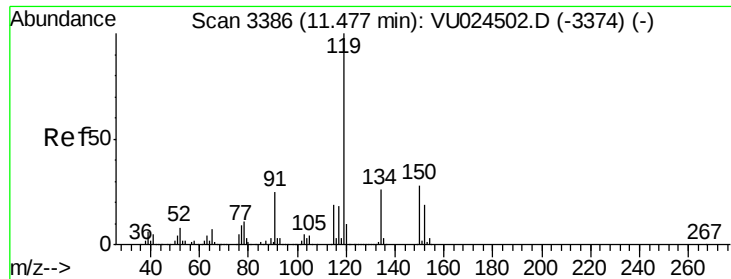
Tgt Ion:105 Resp: 35258
 Ion Ratio Lower Upper
 105 100
 120 43.3 22.6 67.8



#85
 sec-Butylbenzene
 Concen: 0.435 ug/l
 RT: 11.33 min Scan# 3340
 Delta R.T. 0.00 min
 Lab File: VU025085.D
 Acq: 30 Jun 2018 13:57

Tgt Ion:105 Resp: 5821
 Ion Ratio Lower Upper
 105 100
 134 21.2 9.7 29.1

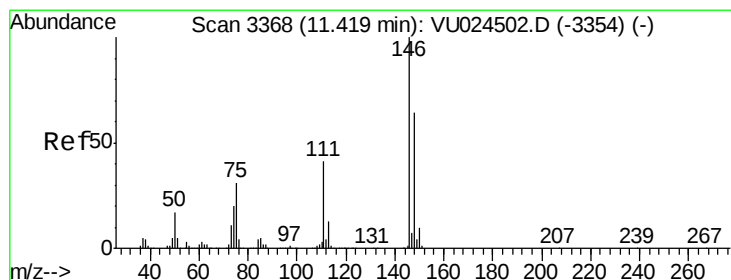
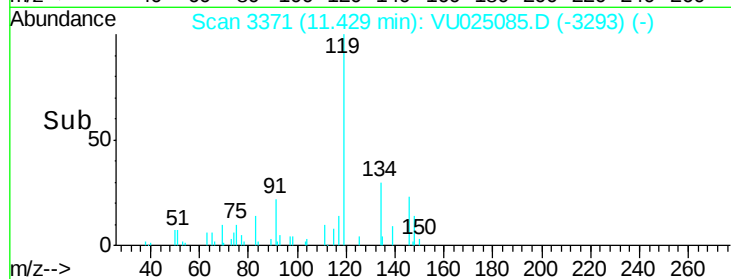
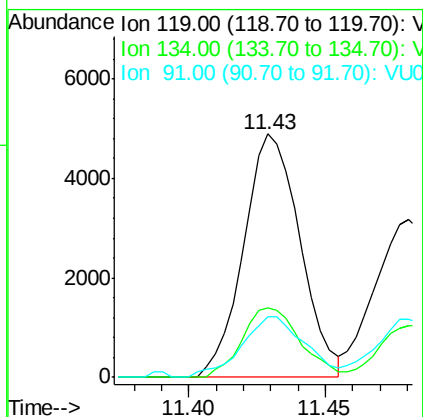
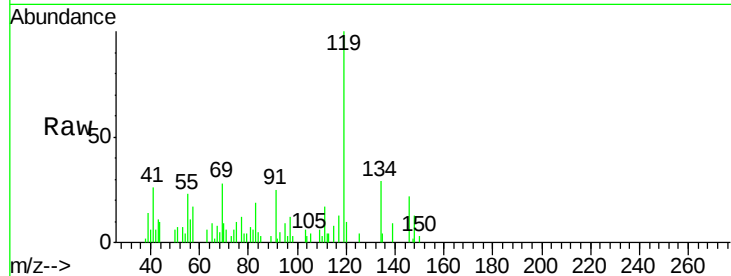




#86
 p-Isopropyltoluene
 Concen: 0.585 ug/l
 RT: 11.43 min Scan# 3371
 Delta R.T. -0.05 min
 Lab File: VU025085.D
 Acq: 30 Jun 2018 13:57

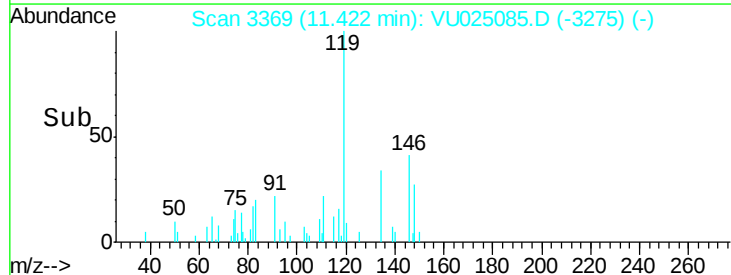
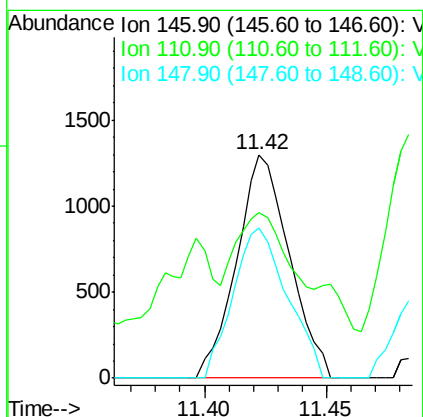
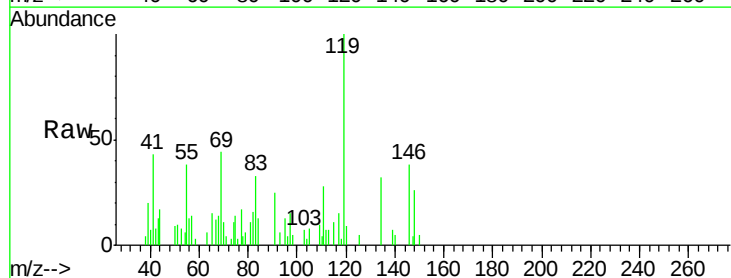
Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB478-25-27-180621ME

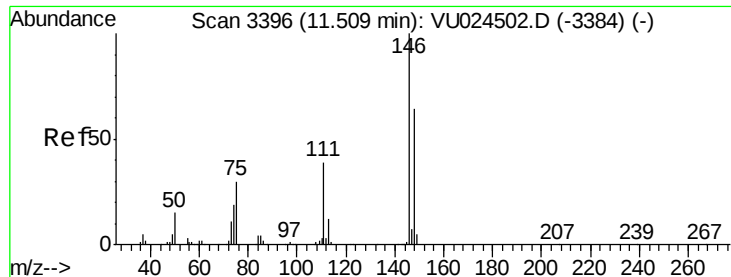
Tgt Ion:	119	Resp:	7017
Ion	Ratio	Lower	Upper
119	100		
134	29.6	12.9	38.6
91	28.0	12.0	36.1



#87
 1,3-Dichlorobenzene
 Concen: 0.322 ug/l
 RT: 11.42 min Scan# 3369
 Delta R.T. 0.00 min
 Lab File: VU025085.D
 Acq: 30 Jun 2018 13:57

Tgt Ion:	146	Resp:	1934
Ion	Ratio	Lower	Upper
146	100		
111	29.9	20.0	60.0
148	69.3	32.1	96.5

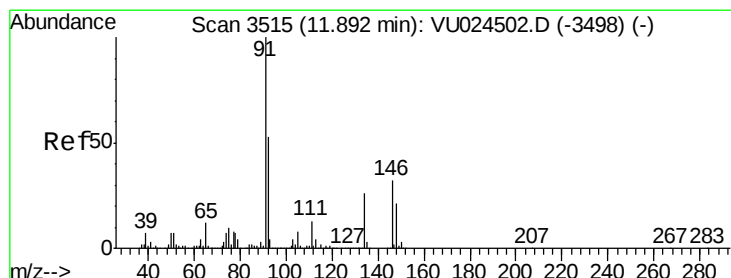
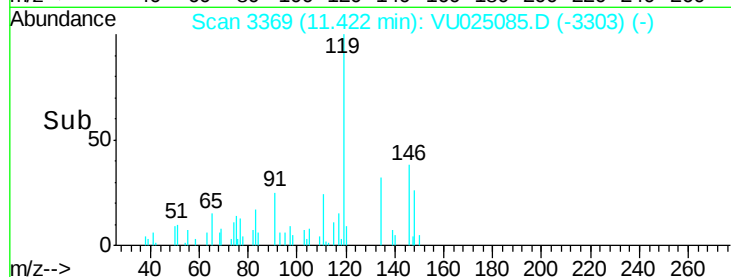
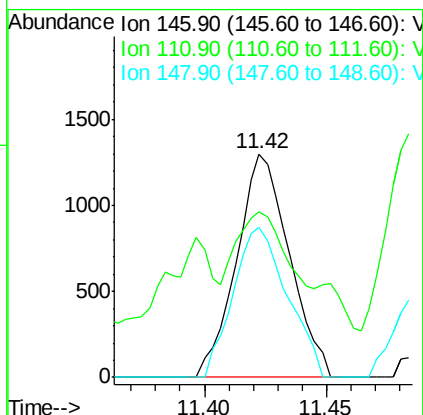
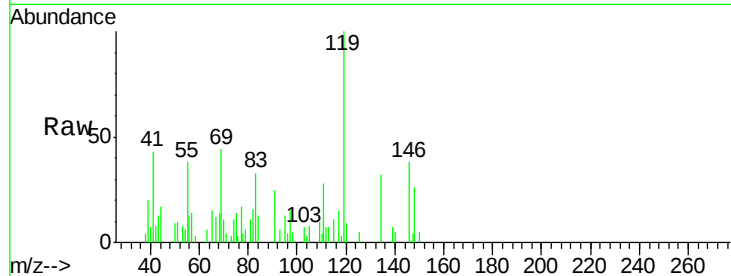




#88
 1,4-Dichlorobenzene
 Concen: 0.320 ug/l
 RT: 11.42 min Scan# 3369
 Delta R.T. -0.09 min
 Lab File: VU025085.D
 Acq: 30 Jun 2018 13:57

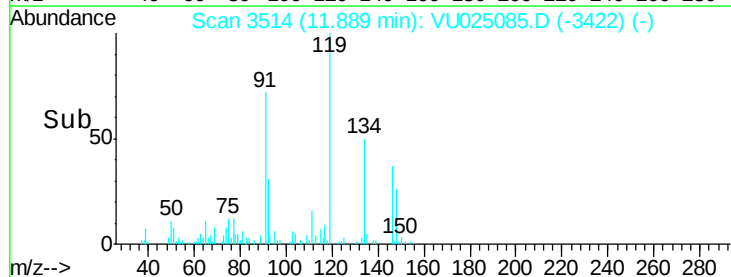
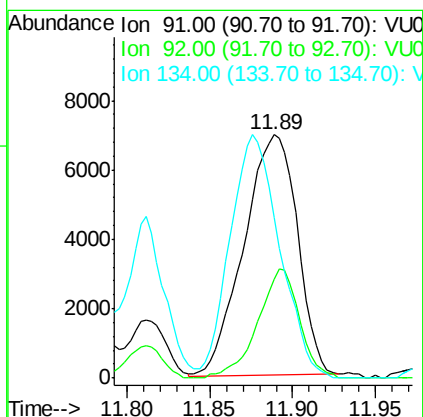
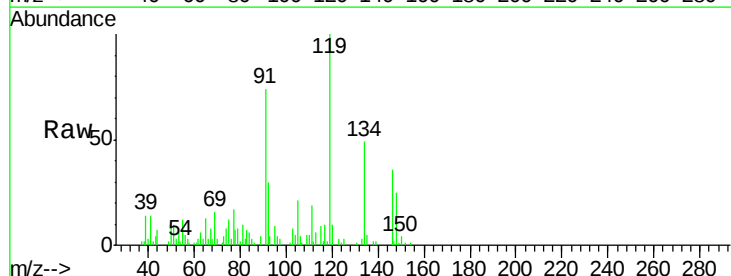
Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB478-25-27-180621ME

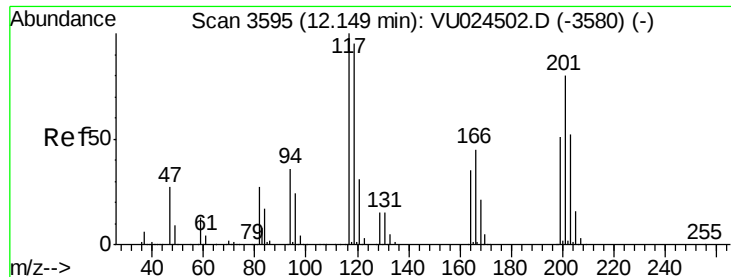
Tgt Ion:146 Resp: 1934
 Ion Ratio Lower Upper
 146 100
 111 33.4 19.5 58.5
 148 69.3 32.4 97.0



#89
 n-Butylbenzene
 Concen: 1.458 ug/l
 RT: 11.89 min Scan# 3514
 Delta R.T. -0.00 min
 Lab File: VU025085.D
 Acq: 30 Jun 2018 13:57

Tgt Ion: 91 Resp: 15515
 Ion Ratio Lower Upper
 91 100
 92 35.5 25.6 76.8
 134 93.8 12.3 36.8#





#90

Hexachloroethane

Concen: 0.909 ug/l

RT: 12.15 min Scan# 3596

Delta R.T. 0.00 min

Lab File: VU025085.D

Acq: 30 Jun 2018 13:57

Instrument :

MSVOA_U

ClientSampleId :

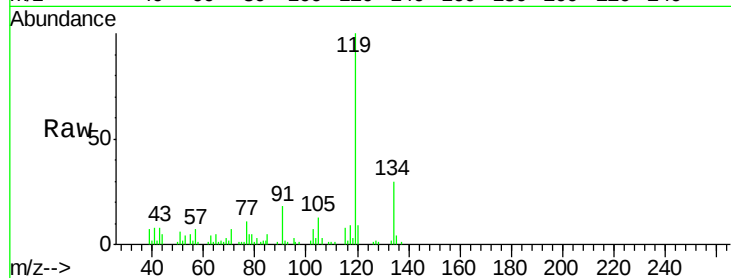
WP021SB478-25-27-180621ME

Tgt Ion:117 Resp: 2125

Ion Ratio Lower Upper

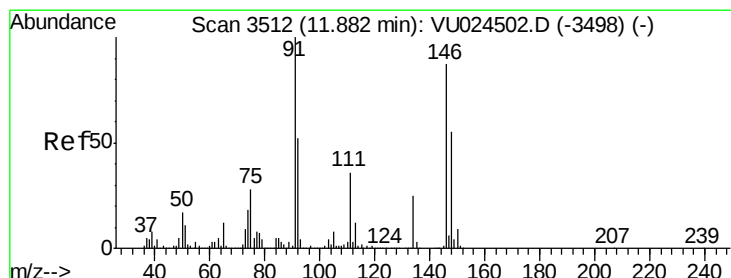
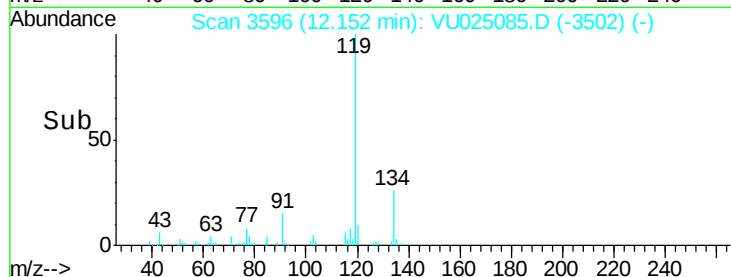
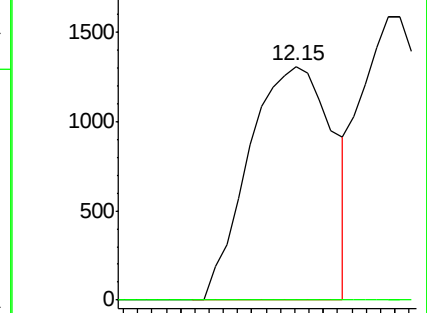
117 100

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: 1.075 ug/l

RT: 11.89 min Scan# 3513

Delta R.T. 0.00 min

Lab File: VU025085.D

Acq: 30 Jun 2018 13:57

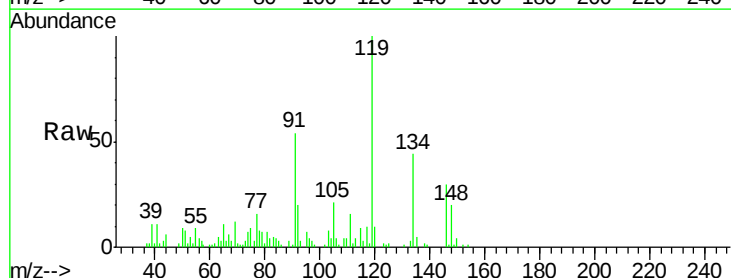
Tgt Ion:146 Resp: 6458

Ion Ratio Lower Upper

146 100

111 47.6 20.5 61.6

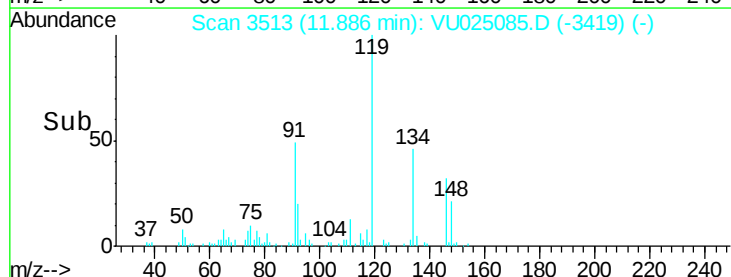
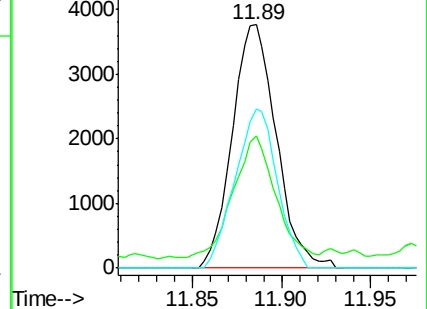
148 62.4 31.9 95.7

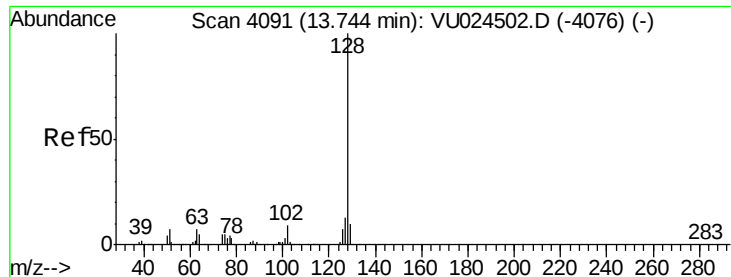


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

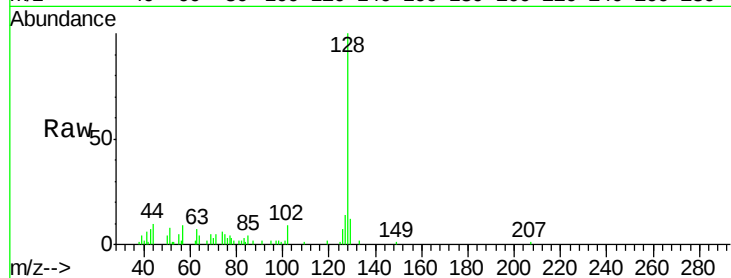




#95
 Naphthalene
 Concen: 2.144 ug/l
 RT: 13.75 min Scan# 4093
 Delta R.T. 0.01 min
 Lab File: VU025085.D
 Acq: 30 Jun 2018 13:57

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB478-25-27-180621ME

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.6	16.0
129	10.5	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

