

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062818\
 Data File : VU025014.D
 Acq On : 28 Jun 2018 12:39
 Operator : MD/SY
 Sample : J3670-08ME
 Misc : 5.79g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB487-23-25-180621ME

Quant Time: Jun 29 05:04:43 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	4.98	168	226299	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	343086	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.10	117	340655	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	203475	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	171259	46.36	ug/l	0.00
Spiked Amount 50.000			Recovery =	92.72%		
35) Dibromofluoromethane	4.89	113	130434	45.81	ug/l	0.00
Spiked Amount 50.000			Recovery =	91.62%		
50) Toluene-d8	7.57	98	500278	48.17	ug/l	0.00
Spiked Amount 50.000			Recovery =	96.34%		
62) 4-Bromofluorobenzene	10.32	95	212236	51.47	ug/l	0.00
Spiked Amount 50.000			Recovery =	102.94%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	905	0.313	ug/l #	85
5) Bromomethane	1.60	94	1001	0.694	ug/l	83
6) Chloroethane	1.70	64	98	Below Cal	#	1
8) Diethyl Ether	1.91	74	22	Below Cal	#	1
10) Methyl Iodide	2.39	142	426	5.448	ug/l #	29
11) Tert butyl alcohol	2.83	59	4102	4.565	ug/l #	78
18) Methyl Acetate	2.63	43	4649	1.092	ug/l	100
27) cis-1,2-Dichloroethene	4.22	96	5601	1.717	ug/l	95
29) Tetrahydrofuran	4.65	42	1192	0.722	ug/l #	54
31) Cyclohexane	4.98	56	5341	Below Cal	#	1
36) 1,1-Dichloropropene	4.98	75	17607	4.367	ug/l #	51
38) Carbon Tetrachloride	4.98	117	21393	4.826	ug/l #	15
39) Methylcyclohexane	6.41	83	7142	1.420	ug/l	97
40) Benzene	5.39	78	11662	1.015	ug/l	99
43) Isopropyl Acetate	5.53	43	2918	0.384	ug/l #	62
44) Trichloroethene	6.19	130	1286	0.393	ug/l	88
55) 1,1,2-Trichloroethane	8.05	97	1446	0.481	ug/l #	24
59) 2-Hexanone	8.33	43	4568	1.173	ug/l #	26
65) Chlorobenzene	9.13	112	218640	25.124	ug/l	99
73) Isopropylbenzene	10.17	105	8734	0.559	ug/l	99
74) N-amyl acetate	10.01	43	8184	1.101	ug/l #	63
75) 1,1,2,2-Tetrachloroethane	10.46	83	3177	0.607	ug/l #	73
76) 1,2,3-Trichloropropane	10.32	75	110760	24.724	ug/l #	36
78) n-propylbenzene	10.60	91	14900	0.810	ug/l	98
80) 1,3,5-Trimethylbenzene	10.98	105	5370	0.397	ug/l	82
81) trans-1,4-Dichloro-2-buten	10.32	75	110760	57.223	ug/l #	100
83) tert-Butylbenzene	11.11	119	10082	0.774	ug/l	87
84) 1,2,4-Trimethylbenzene	10.98	105	5370	0.389	ug/l	86
85) sec-Butylbenzene	11.33	105	30861	1.893	ug/l #	57
86) p-Isopropyltoluene	11.43	119	8660	0.593	ug/l	95
87) 1,3-Dichlorobenzene	11.42	146	2745	0.376	ug/l #	72
88) 1,4-Dichlorobenzene	11.51	146	7051	0.959	ug/l #	46
89) n-Butylbenzene	11.89	91	21395	1.650	ug/l #	87
90) Hexachloroethane	12.15	117	623	0.219	ug/l #	8

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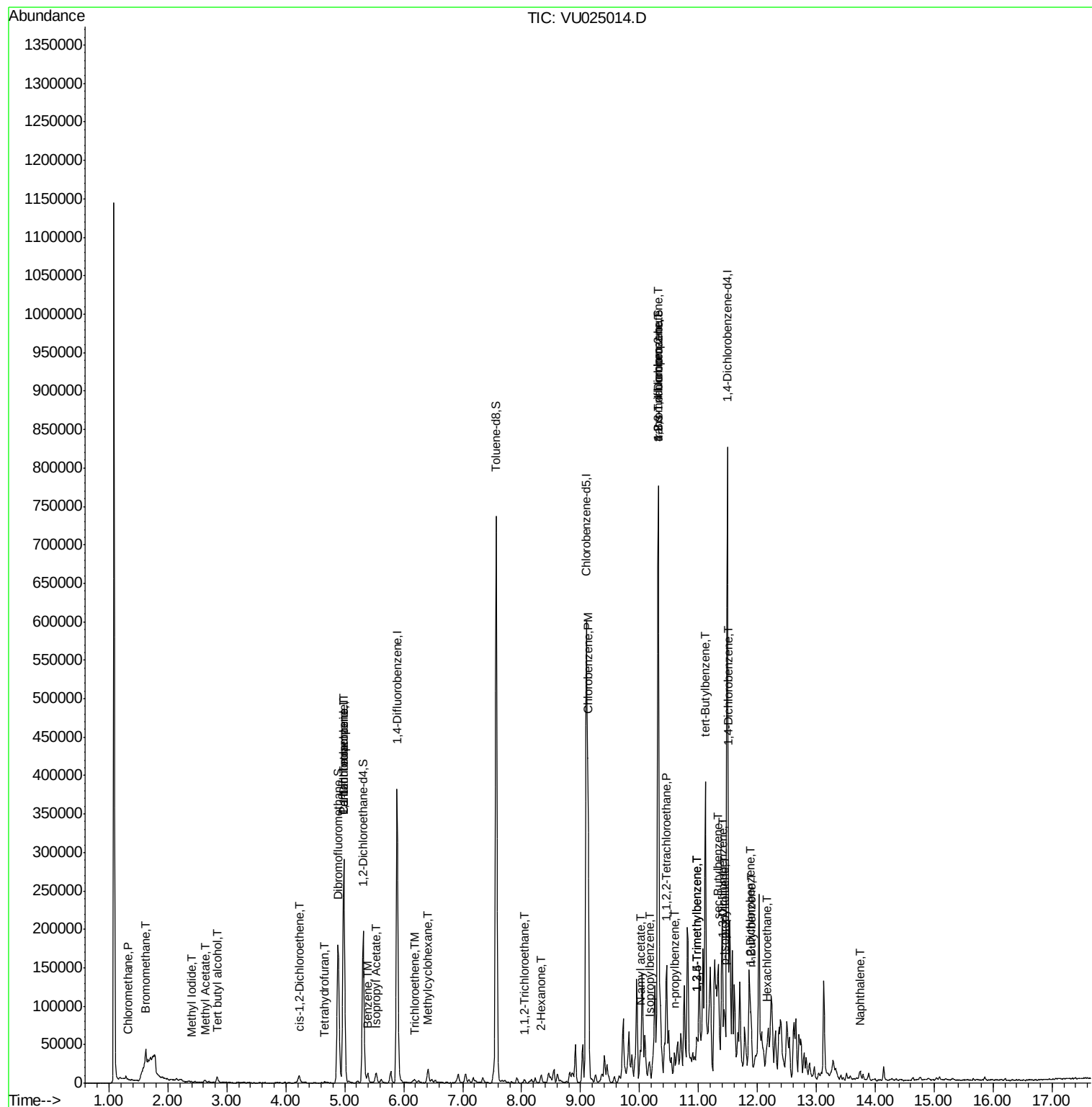
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) 1,2-Dichlorobenzene	11.89	146	7863	1.074	ug/l	88
95) Naphthalene	13.75	128	5538	1.044	ug/l #	92

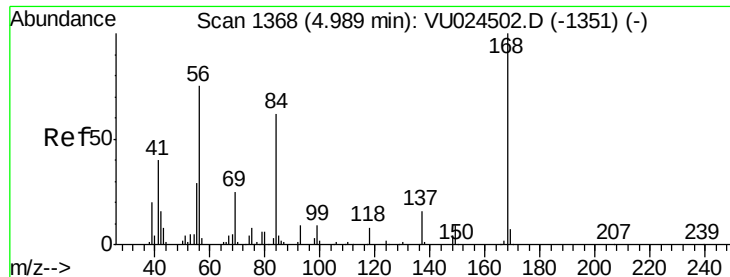
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU062818\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1366

Delta R.T. -0.01 min

Lab File: VU025014.D

Acq: 28 Jun 2018 12:39

Instrument :

MSVOA_U

ClientSampleId :

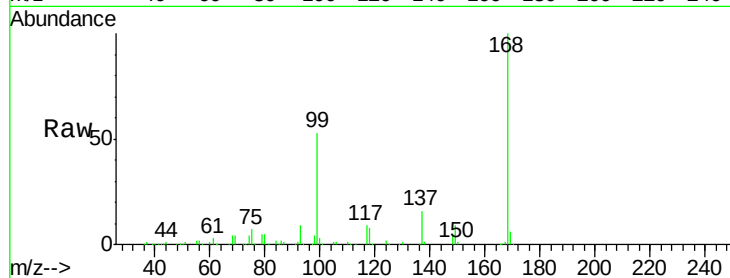
WP021SB487-23-25-180621ME

Tgt Ion:168 Resp: 226299

Ion Ratio Lower Upper

168 100

99 53.3 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) (-)

4.98

100000

80000

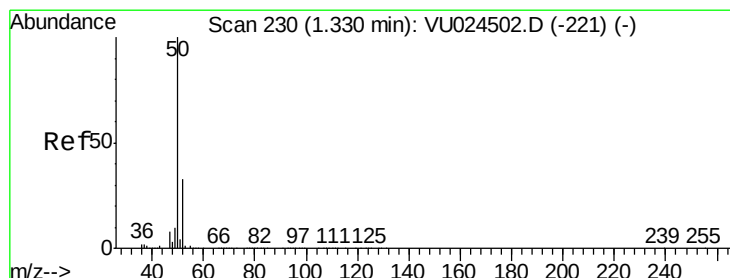
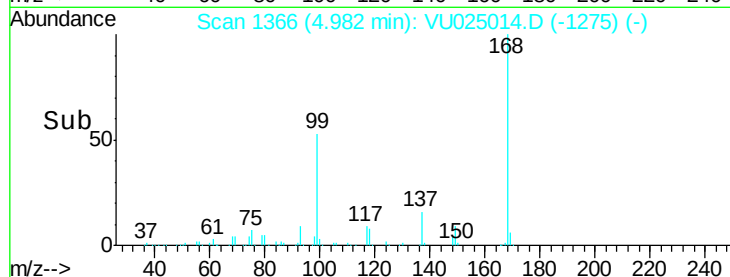
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 0.313 ug/l

RT: 1.32 min Scan# 227

Delta R.T. -0.01 min

Lab File: VU025014.D

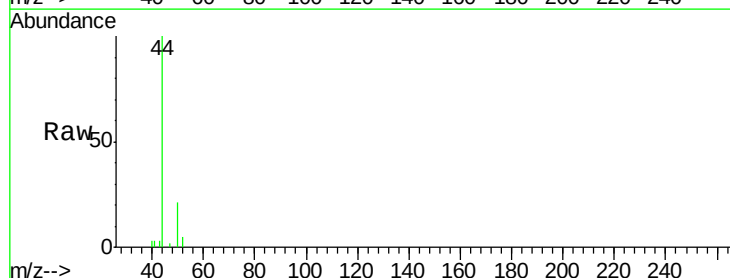
Acq: 28 Jun 2018 12:39

Tgt Ion: 50 Resp: 905

Ion Ratio Lower Upper

50 100

52 24.6 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) (-)

1.32

1000

800

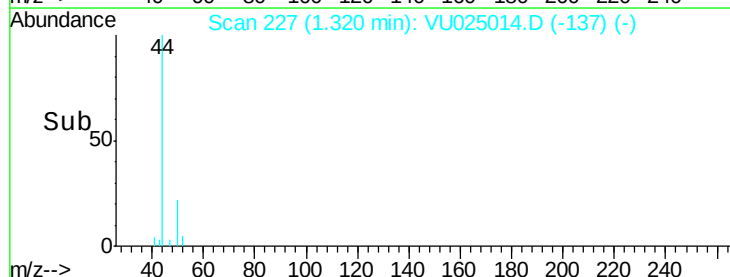
600

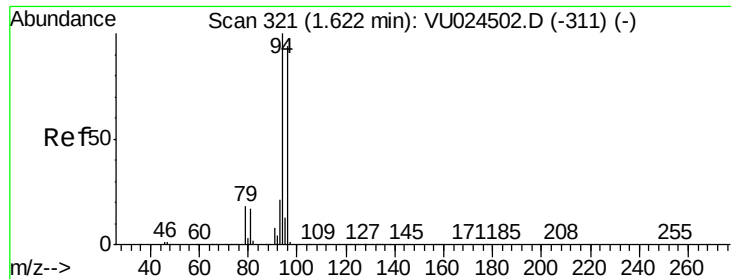
400

200

0

Time-->





#5

Bromomethane

Concen: 0.694 ug/l

RT: 1.60 min Scan# 315

Delta R.T. -0.02 min

Lab File: VU025014.D

Acq: 28 Jun 2018 12:39

Instrument :

MSVOA_U

ClientSampleId :

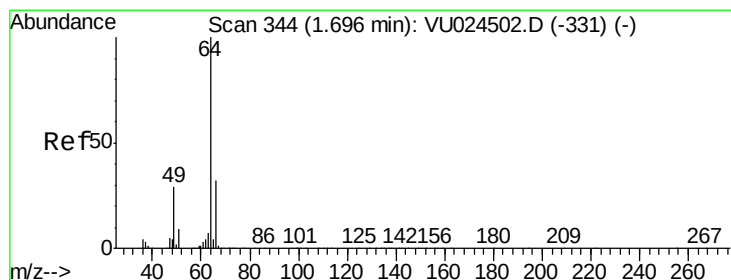
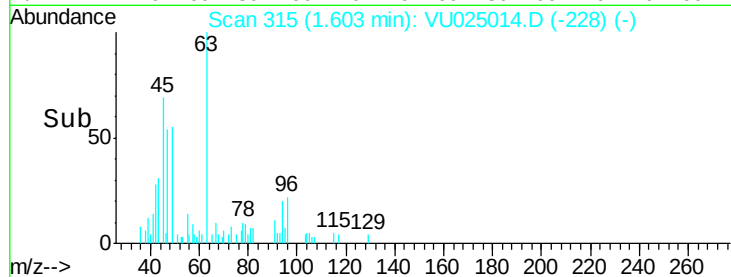
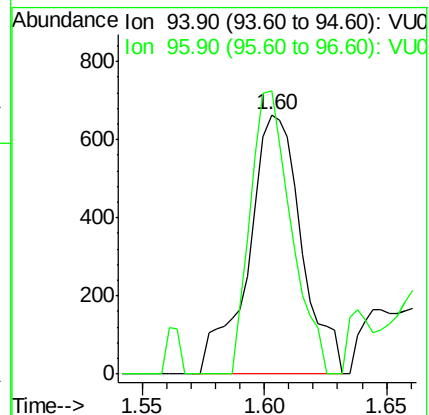
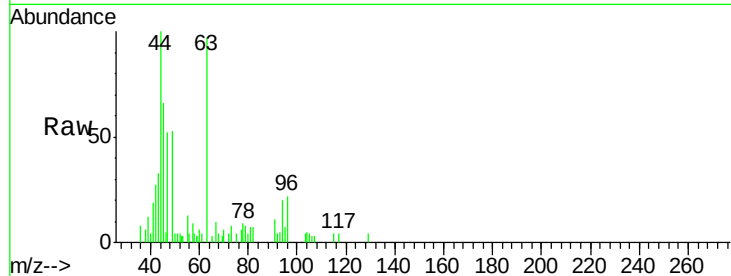
WP021SB487-23-25-180621ME

Tgt Ion: 94 Resp: 1001

Ion Ratio Lower Upper

94 100

96 109.2 74.5 111.7



#6

Chloroethane

Concen: Below Cal

RT: 1.70 min Scan# 344

Delta R.T. 0.00 min

Lab File: VU025014.D

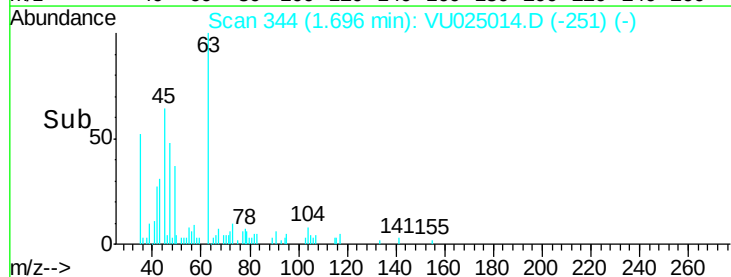
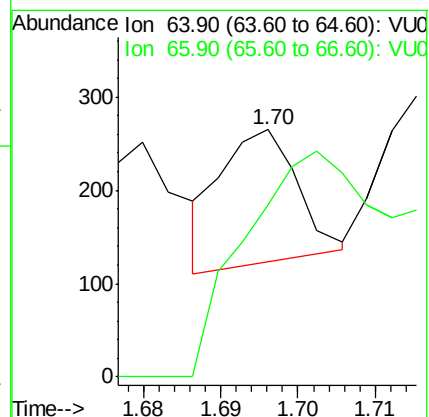
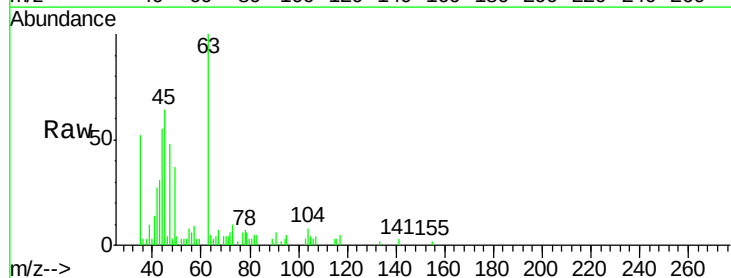
Acq: 28 Jun 2018 12:39

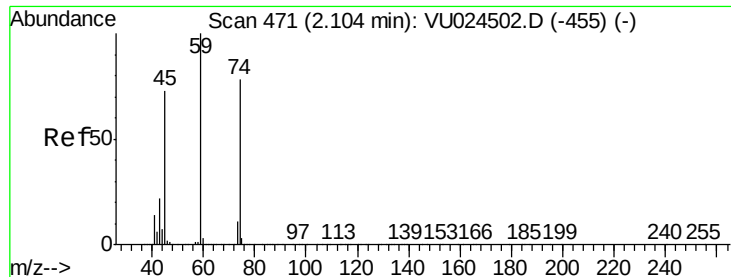
Tgt Ion: 64 Resp: 98

Ion Ratio Lower Upper

64 100

66 152.9 25.5 38.3#





#8

Diethyl Ether

Concen: Below Cal

RT: 1.91 min Scan# 411

Delta R.T. -0.19 min

Lab File: VU025014.D

Acq: 28 Jun 2018 12:39

Instrument :

MSVOA_U

ClientSampleId :

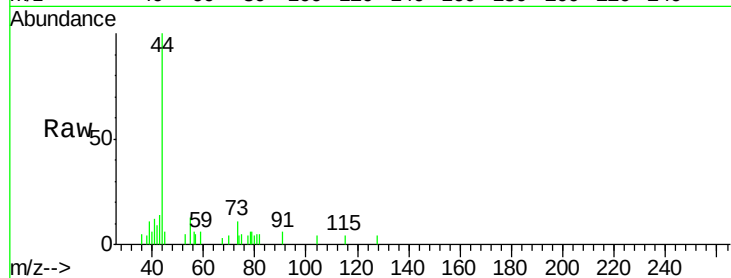
WP021SB487-23-25-180621ME

Tgt Ion: 74 Resp: 22

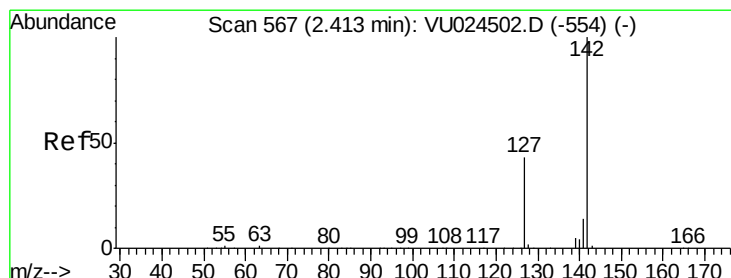
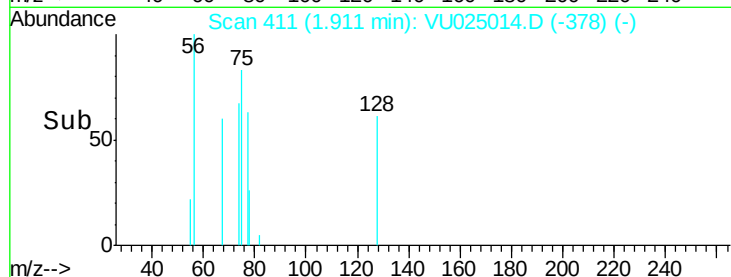
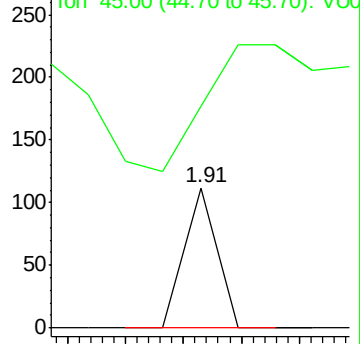
Ion Ratio Lower Upper

74 100

45 295.5 55.0 165.0#



Abundance Ion 74.00 (73.70 to 74.70): VU025014.D (-455) (-)



#10

Methyl Iodide

Concen: 5.448 ug/l

RT: 2.39 min Scan# 559

Delta R.T. -0.03 min

Lab File: VU025014.D

Acq: 28 Jun 2018 12:39

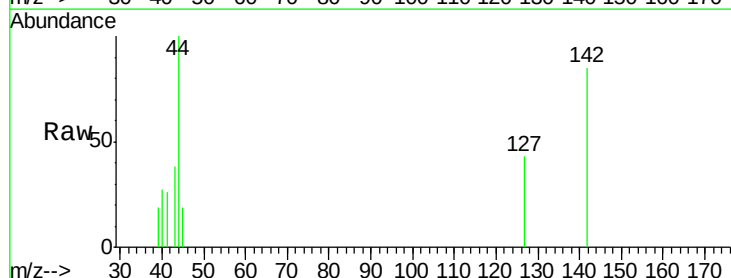
Tgt Ion: 142 Resp: 426

Ion Ratio Lower Upper

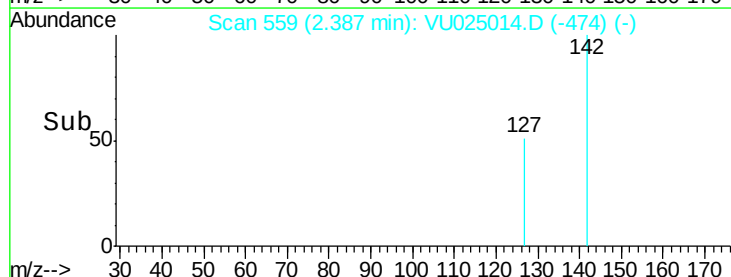
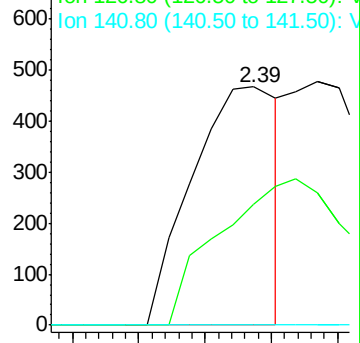
142 100

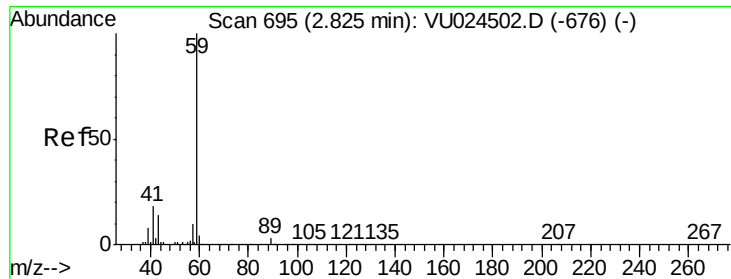
127 98.4 35.6 53.4#

141 0.0 11.7 17.5#



Abundance Ion 141.80 (141.50 to 142.50): VU025014.D (-554) (-)

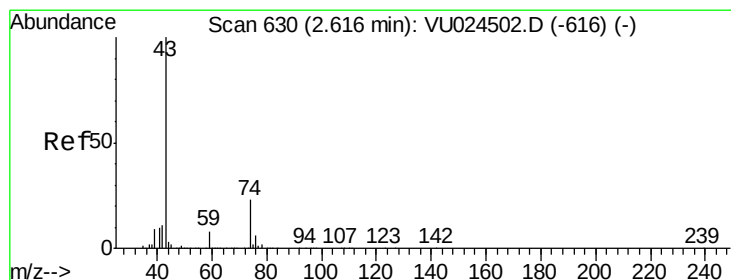
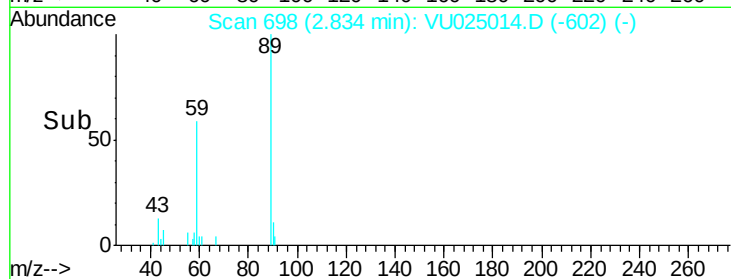
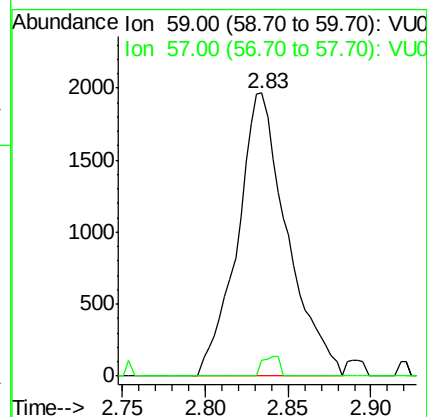
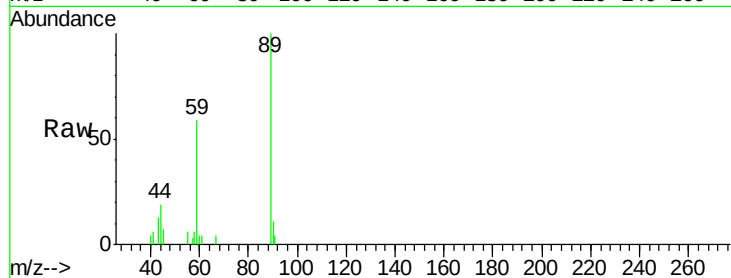




#11
Tert butyl alcohol
Concen: 4.565 ug/l
RT: 2.83 min Scan# 698
Delta R.T. 0.01 min
Lab File: VU025014.D
Acq: 28 Jun 2018 12:39

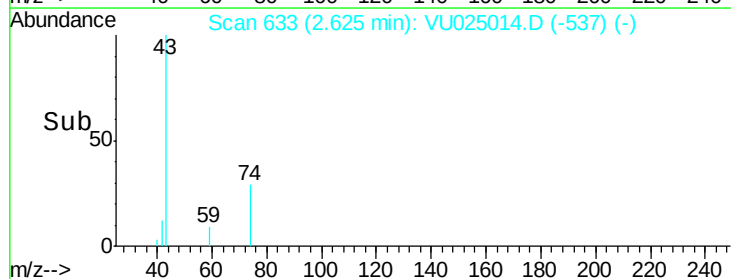
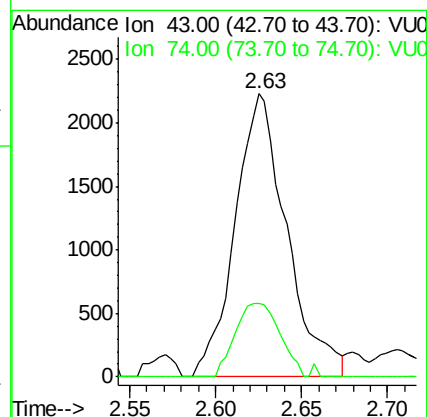
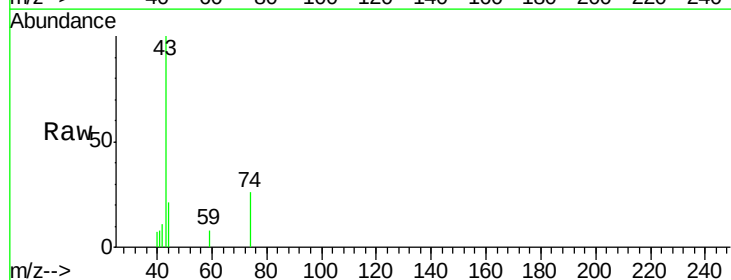
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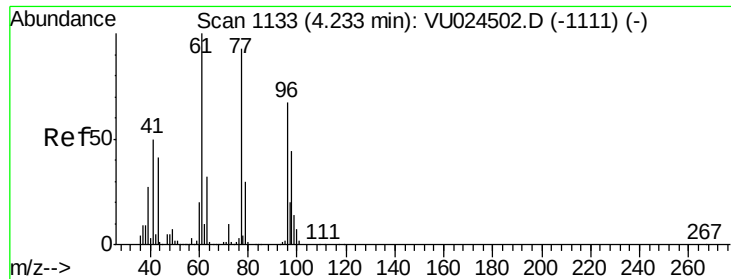
Tgt Ion: 59 Resp: 4102
Ion Ratio Lower Upper
59 100
57 2.4 8.5 12.7#



#18
Methyl Acetate
Concen: 1.092 ug/l
RT: 2.63 min Scan# 633
Delta R.T. 0.01 min
Lab File: VU025014.D
Acq: 28 Jun 2018 12:39

Tgt Ion: 43 Resp: 4649
Ion Ratio Lower Upper
43 100
74 22.5 18.0 27.0





#27

cis-1,2-Dichloroethene

Concen: 1.717 ug/l

RT: 4.22 min Scan# 1129

Delta R.T. -0.01 min

Lab File: VU025014.D

Acq: 28 Jun 2018 12:39

Instrument :

MSVOA_U

ClientSampleId :

WP021SB487-23-25-180621ME

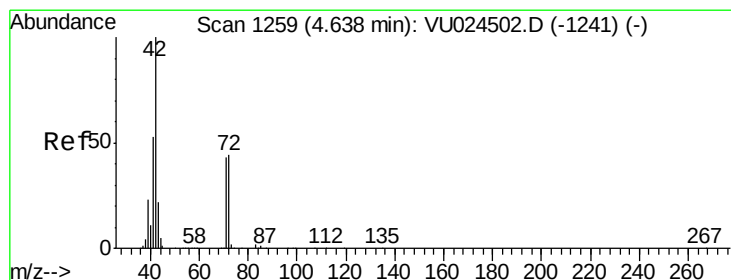
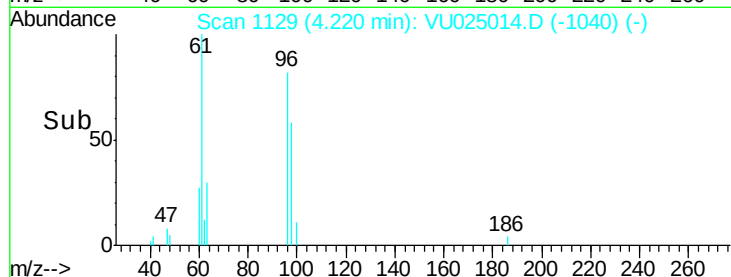
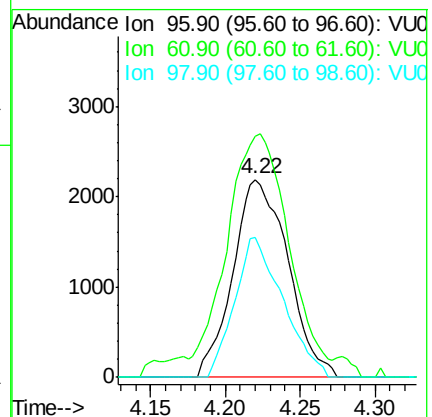
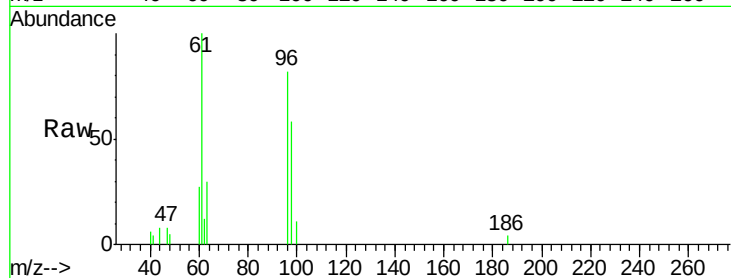
Tgt Ion: 96 Resp: 5601

Ion Ratio Lower Upper

96 100

61 145.7 0.0 306.6

98 61.8 0.0 128.8



#29

Tetrahydrofuran

Concen: 0.722 ug/l

RT: 4.65 min Scan# 1264

Delta R.T. 0.02 min

Lab File: VU025014.D

Acq: 28 Jun 2018 12:39

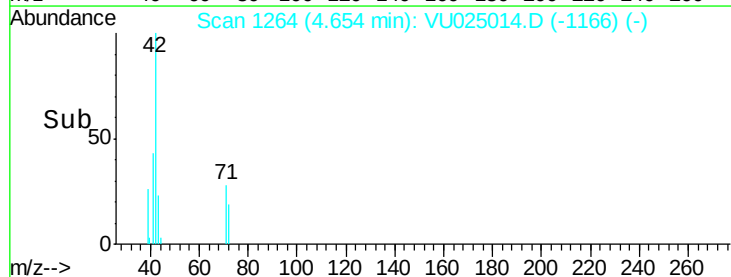
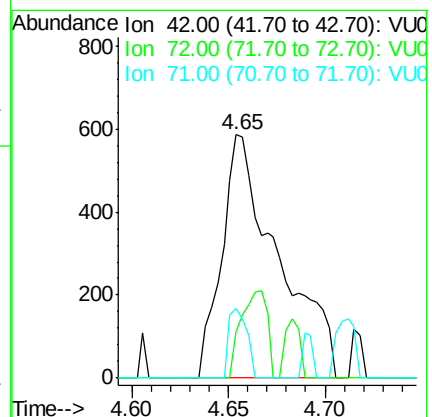
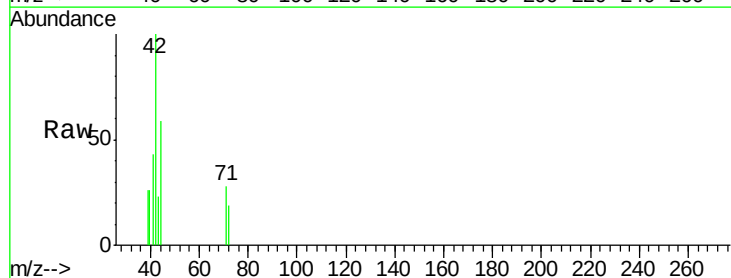
Tgt Ion: 42 Resp: 1192

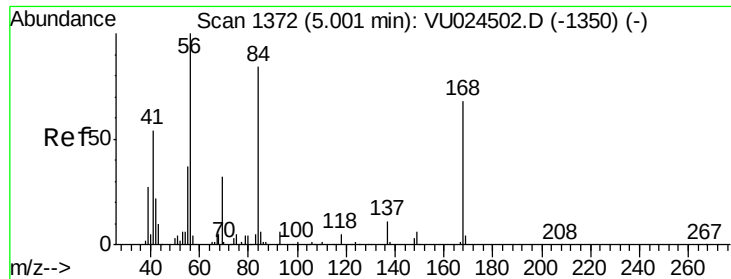
Ion Ratio Lower Upper

42 100

72 16.4 34.5 51.7#

71 9.1 32.2 48.4#

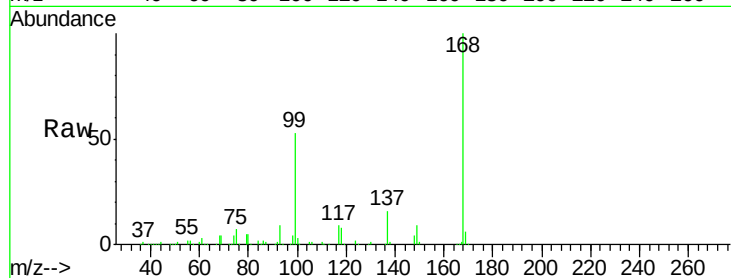




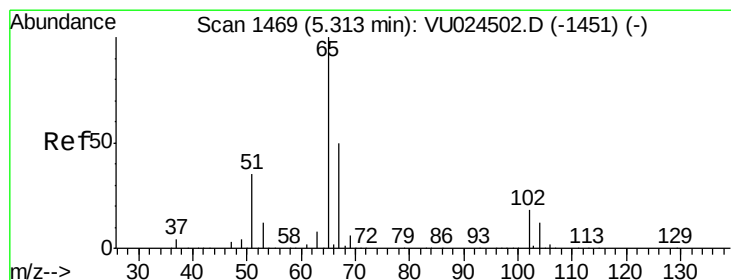
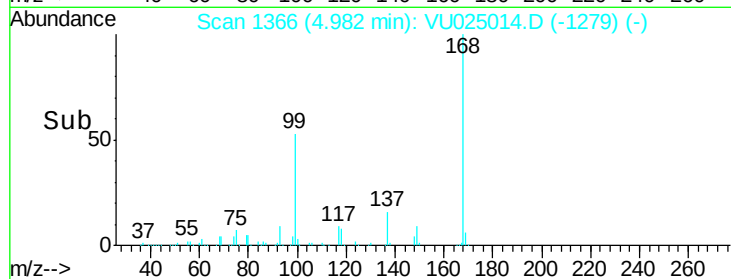
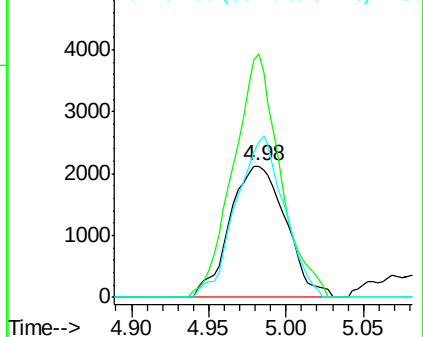
#31
Cyclohexane
Concen: Below Cal
RT: 4.98 min Scan# 1366
Delta R.T. -0.02 min
Lab File: VU025014.D
Acq: 28 Jun 2018 12:39

Instrument :
MSVOA_U
ClientSampleId :
WP021SB487-23-25-180621ME

Tgt Ion: 56 Resp: 5341
Ion Ratio Lower Upper
56 100
69 185.4 24.8 37.2#
84 118.6 65.2 97.8#

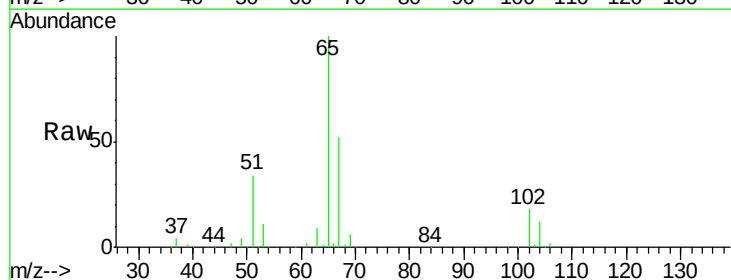


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

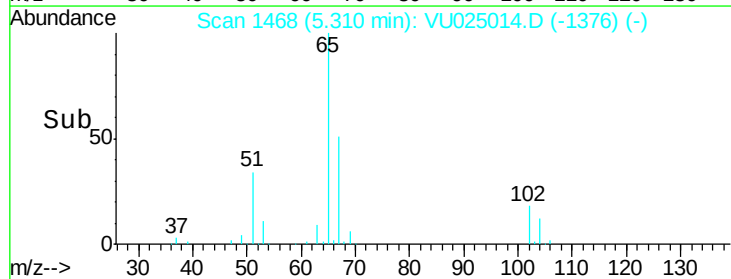
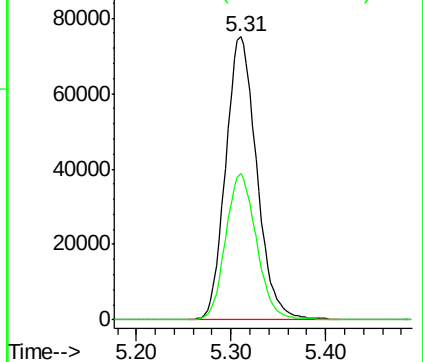


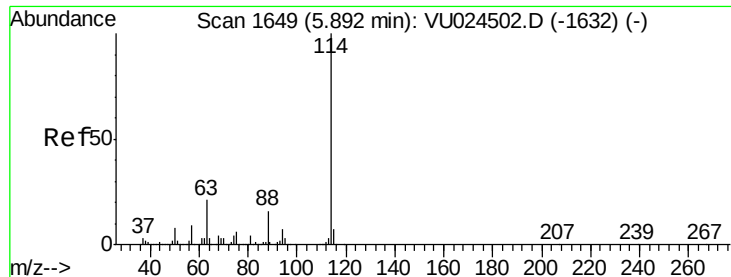
#33
1,2-Dichloroethane-d4
Concen: 46.357 ug/l
RT: 5.31 min Scan# 1468
Delta R.T. -0.00 min
Lab File: VU025014.D
Acq: 28 Jun 2018 12:39

Tgt Ion: 65 Resp: 171259
Ion Ratio Lower Upper
65 100
67 51.2 0.0 107.0



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

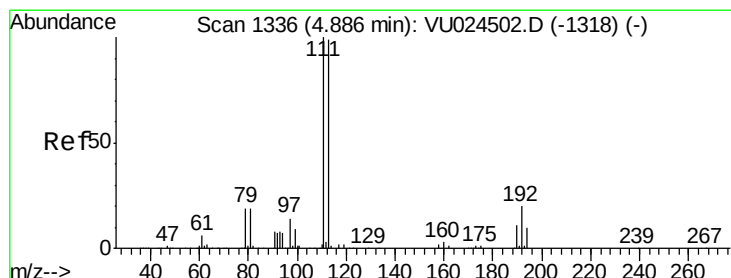
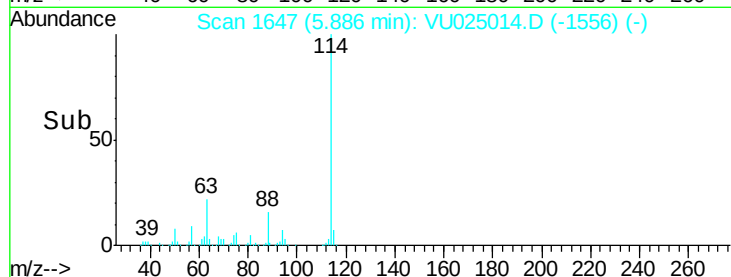
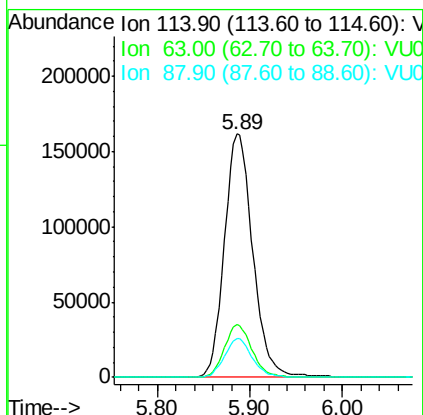
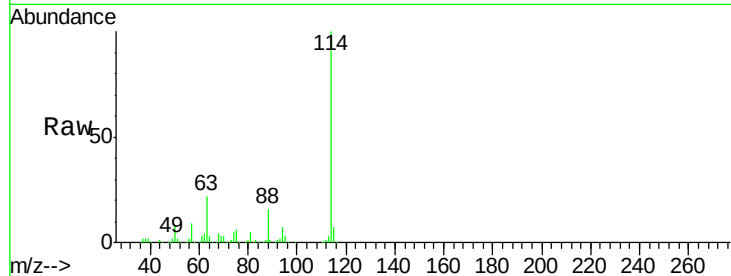




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1647
 Delta R.T. -0.01 min
 Lab File: VU025014.D
 Acq: 28 Jun 2018 12:39

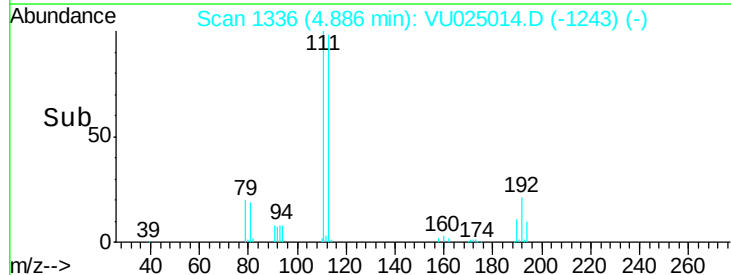
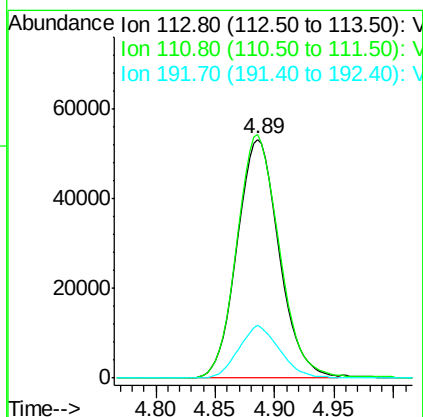
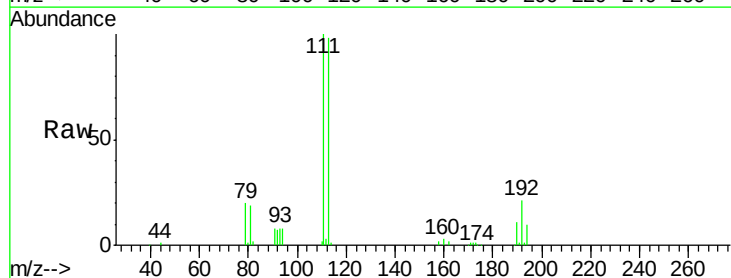
Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB487-23-25-180621ME

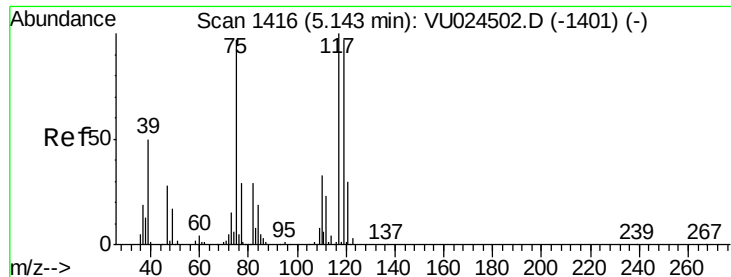
Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	45.4
88	15.9	0.0	31.0



#35
 Dibromofluoromethane
 Concen: 45.809 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. -0.00 min
 Lab File: VU025014.D
 Acq: 28 Jun 2018 12:39

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.2	123.4
192	21.5	16.2	24.4

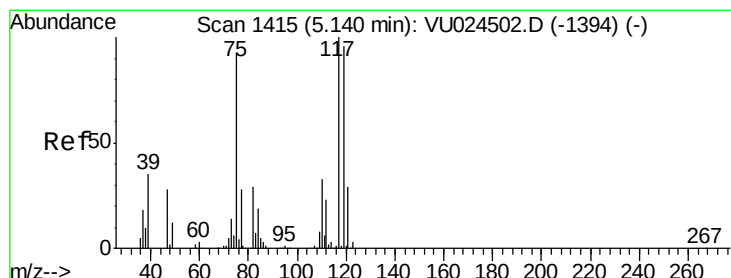
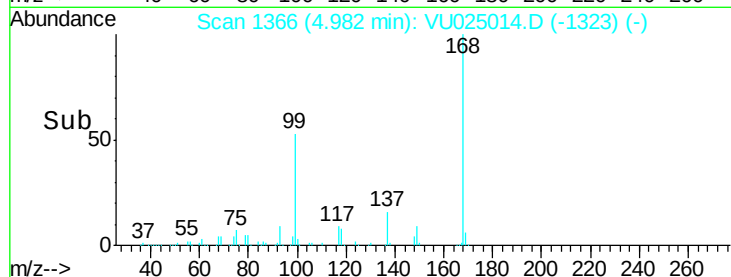
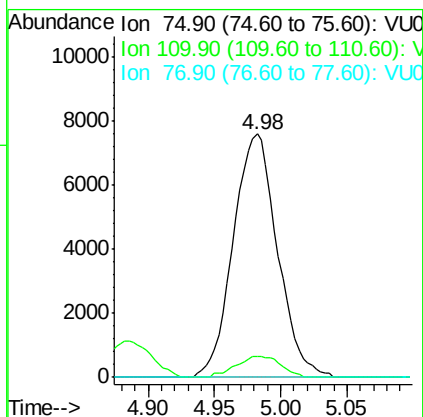
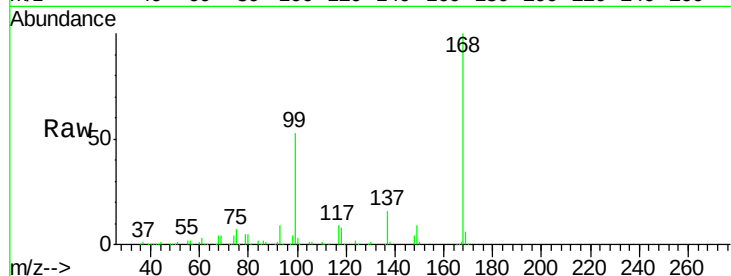




#36
 1,1-Dichloropropene
 Concen: 4.367 ug/l
 RT: 4.98 min Scan# 1366
 Delta R.T. -0.16 min
 Lab File: VU025014.D
 Acq: 28 Jun 2018 12:39

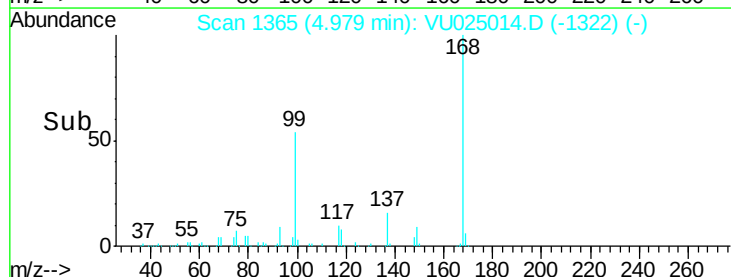
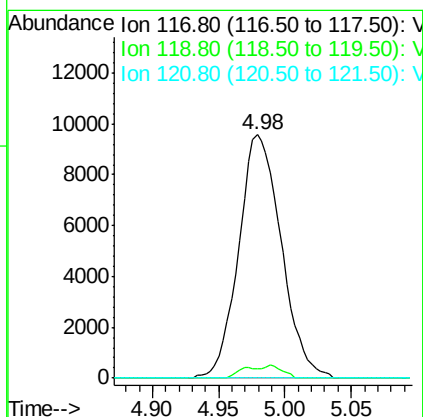
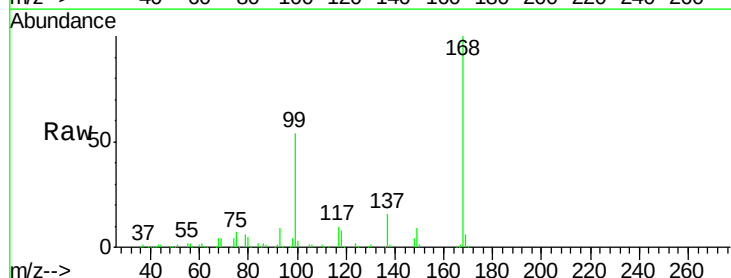
Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB487-23-25-180621ME

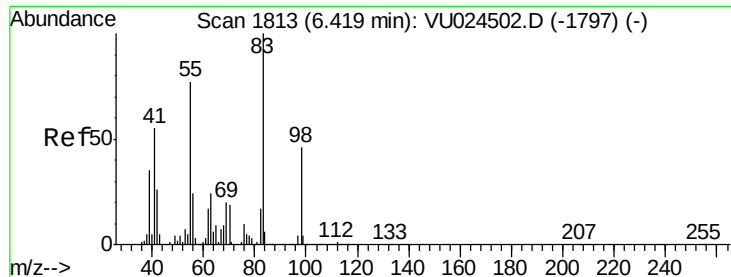
Tgt Ion: 75 Resp: 17607
 Ion Ratio Lower Upper
 75 100
 110 8.8 17.0 50.9#
 77 0.0 24.2 36.4#



#38
 Carbon Tetrachloride
 Concen: 4.826 ug/l
 RT: 4.98 min Scan# 1365
 Delta R.T. -0.16 min
 Lab File: VU025014.D
 Acq: 28 Jun 2018 12:39

Tgt Ion: 117 Resp: 21393
 Ion Ratio Lower Upper
 117 100
 119 3.7 76.1 114.1#
 121 0.0 23.7 35.5#

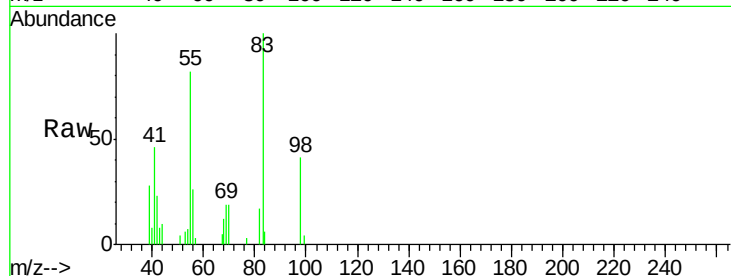




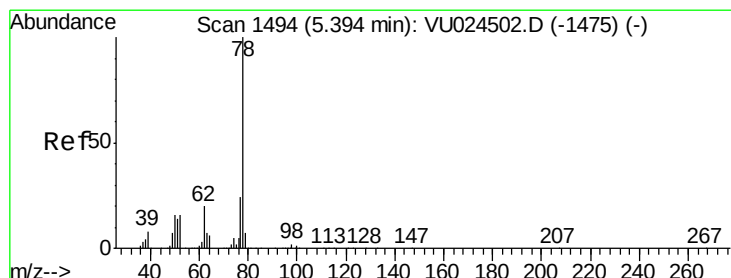
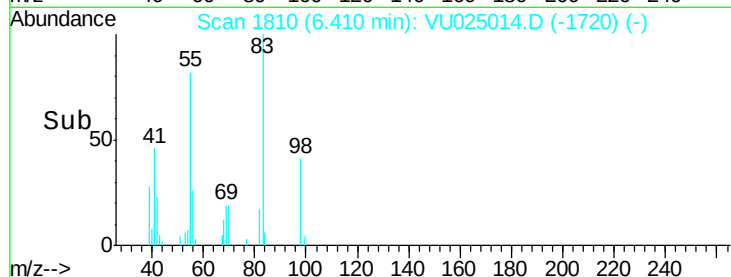
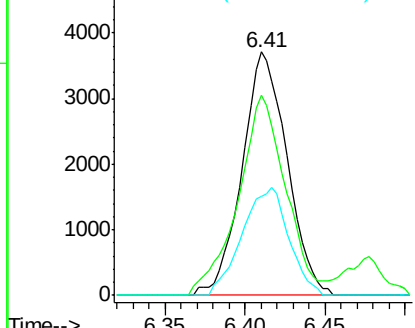
#39
Methylcyclohexane
Concen: 1.420 ug/l
RT: 6.41 min Scan# 1810
Delta R.T. -0.01 min
Lab File: VU025014.D
Acq: 28 Jun 2018 12:39

Instrument :
MSVOA_U
ClientSampleId :
WP021SB487-23-25-180621ME

Tgt Ion: 83 Resp: 7142
Ion Ratio Lower Upper
83 100
55 82.2 65.8 98.6
98 40.9 36.7 55.1

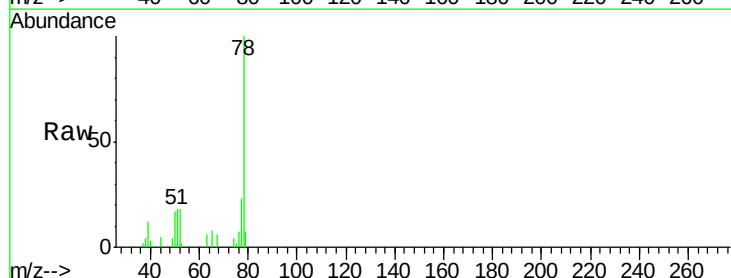


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

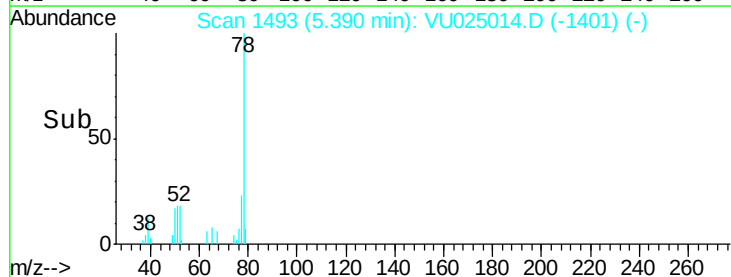
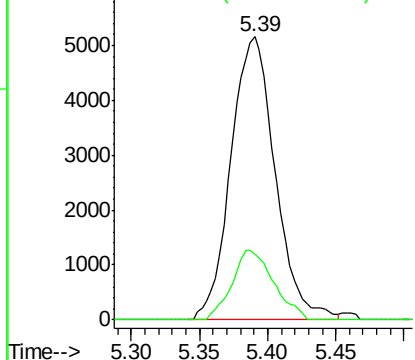


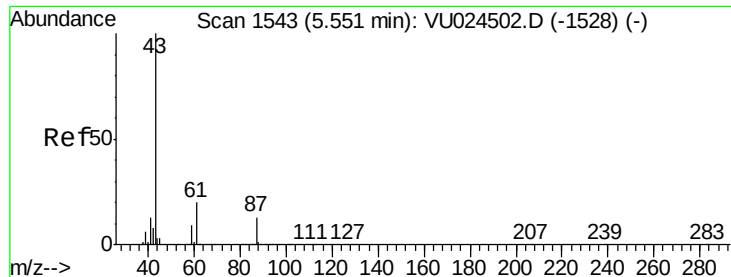
#40
Benzene
Concen: 1.015 ug/l
RT: 5.39 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VU025014.D
Acq: 28 Jun 2018 12:39

Tgt Ion: 78 Resp: 11662
Ion Ratio Lower Upper
78 100
77 23.3 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VU0
Ion 77.00 (76.70 to 77.70): VU0





#43

Isopropyl Acetate

Concen: 0.384 ug/l

RT: 5.53 min Scan# 1535

Delta R.T. -0.03 min

Lab File: VU025014.D

Acq: 28 Jun 2018 12:39

Instrument :

MSVOA_U

ClientSampleId :

WP021SB487-23-25-180621ME

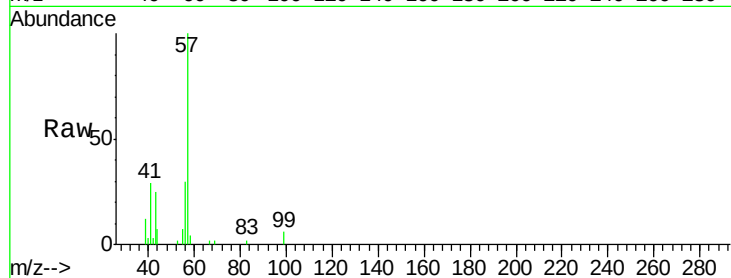
Tgt Ion: 43 Resp: 2918

Ion Ratio Lower Upper

43 100

61 0.0 15.4 23.0#

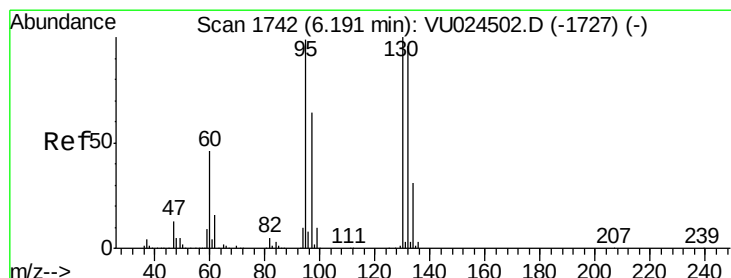
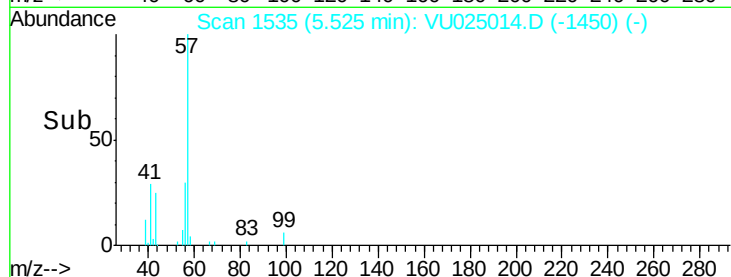
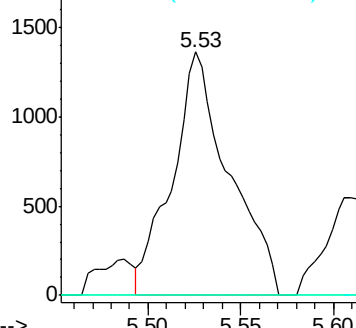
87 0.0 10.0 15.0#



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

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

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



#44

Trichloroethene

Concen: 0.393 ug/l

RT: 6.19 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VU025014.D

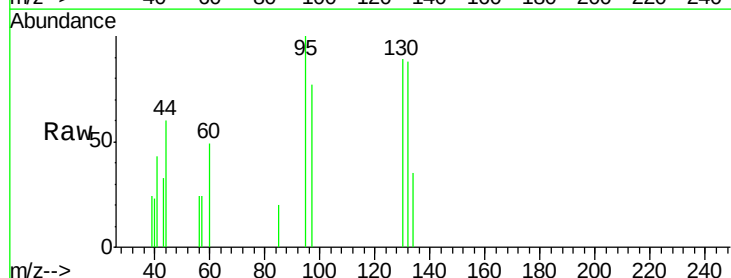
Acq: 28 Jun 2018 12:39

Tgt Ion: 130 Resp: 1286

Ion Ratio Lower Upper

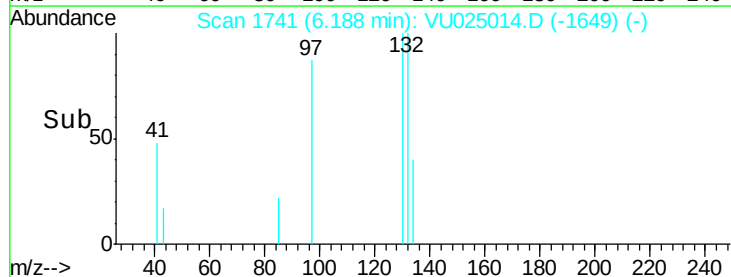
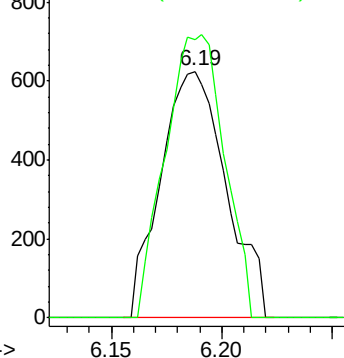
130 100

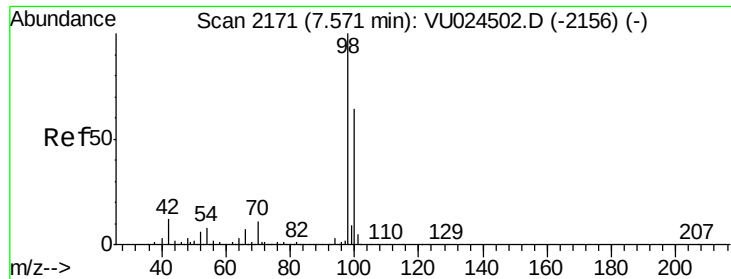
95 113.0 0.0 202.4



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

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





#50

Toluene-d8

Concen: 48.169 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU025014.D

Acq: 28 Jun 2018 12:39

Instrument :

MSVOA_U

ClientSampleId :

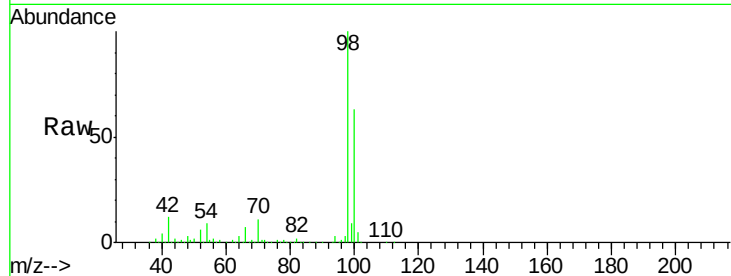
WP021SB487-23-25-180621ME

Tgt Ion: 98 Resp: 500278

Ion Ratio Lower Upper

98 100

100 63.7 51.1 76.7



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

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

7.57

300000

250000

200000

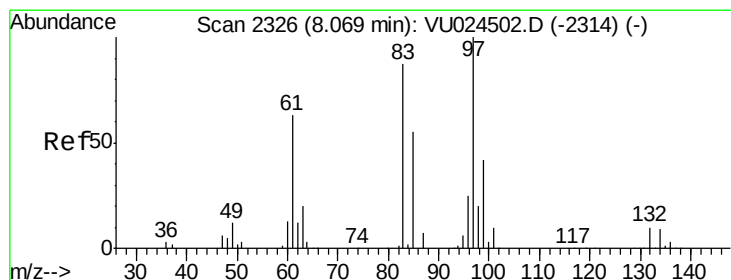
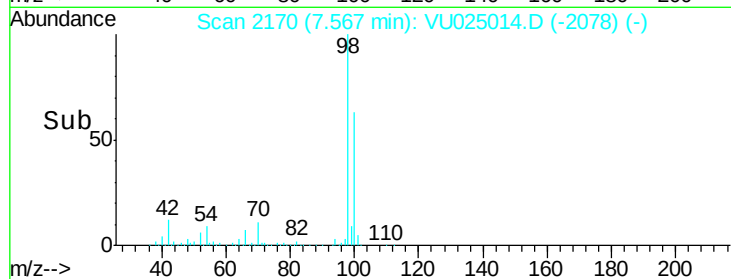
150000

100000

50000

0

Time-->



#55

1,1,2-Trichloroethane

Concen: 0.481 ug/l

RT: 8.05 min Scan# 2320

Delta R.T. -0.02 min

Lab File: VU025014.D

Acq: 28 Jun 2018 12:39

Tgt Ion: 97 Resp: 1446

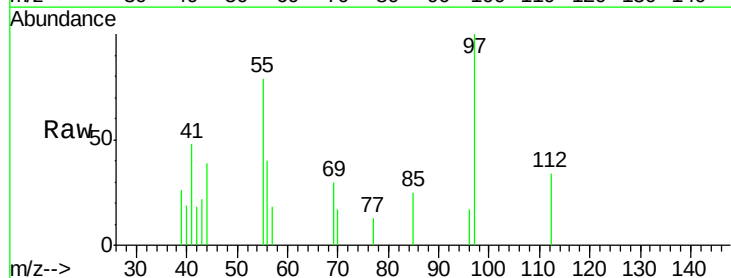
Ion Ratio Lower Upper

97 100

83 0.0 70.5 105.7#

85 25.4 46.4 69.6#

99 0.0 50.2 75.2#



Abundance Ion 96.90 (96.60 to 97.60): VU024502.D (-2314) (-)

Ion 82.90 (82.60 to 83.60): VU024502.D (-2314) (-)

Ion 84.90 (84.60 to 85.60): VU024502.D (-2314) (-)

Ion 98.90 (98.60 to 99.60): VU024502.D (-2314) (-)

1200

1000

800

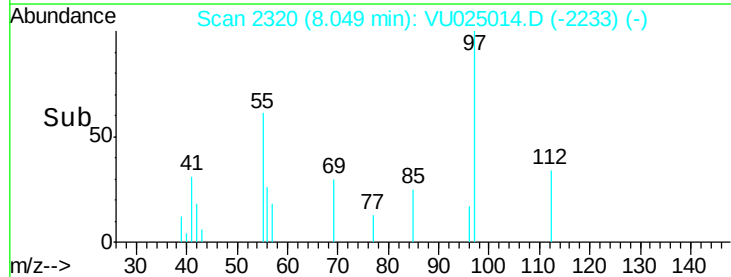
600

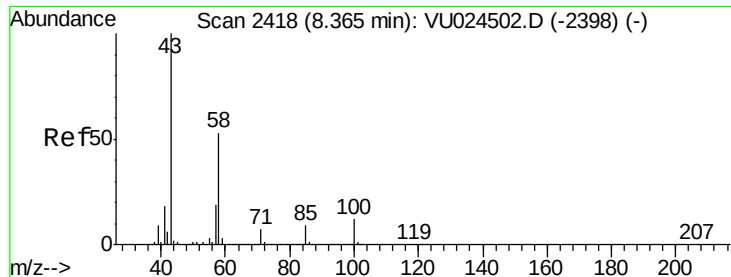
400

200

0

Time-->

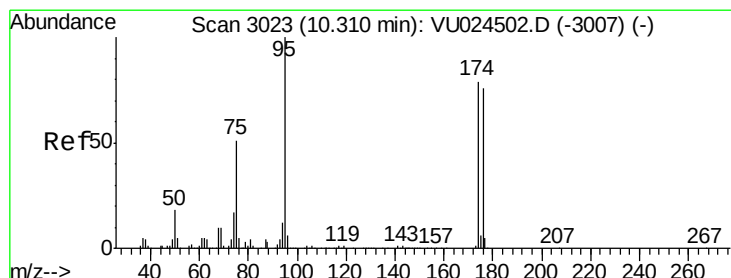
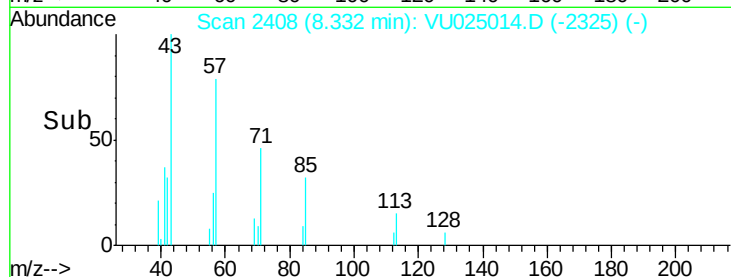
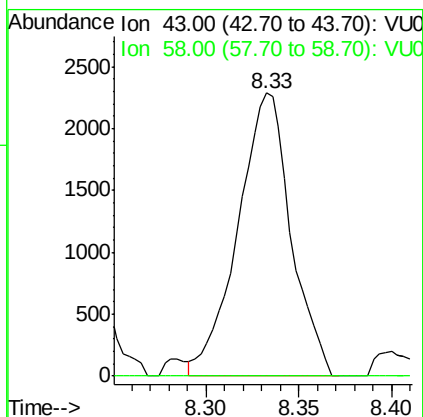
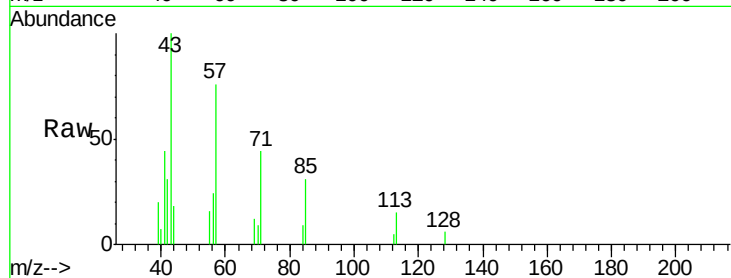




#59
2-Hexanone
Concen: 1.173 ug/l
RT: 8.33 min Scan# 2408
Delta R.T. -0.03 min
Lab File: VU025014.D
Acq: 28 Jun 2018 12:39

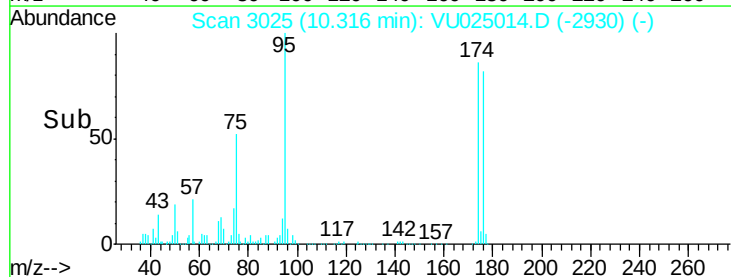
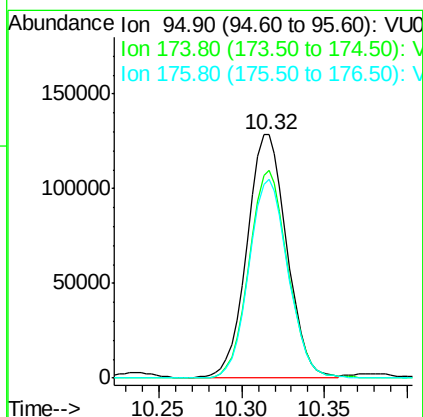
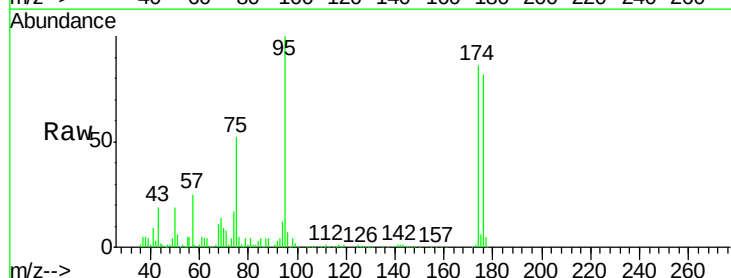
Instrument :
MSVOA_U
ClientSampleId :
WP021SB487-23-25-180621ME

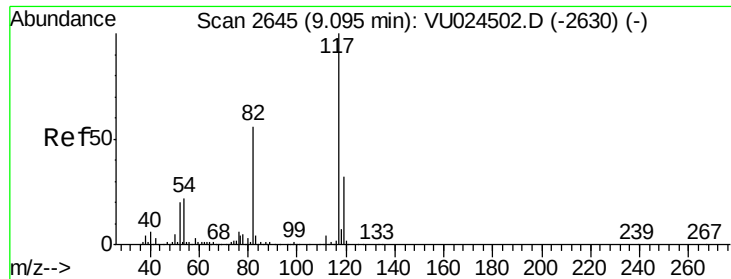
Tgt Ion: 43 Resp: 4568
Ion Ratio Lower Upper
43 100
58 0.0 26.4 79.0#



#62
4-Bromofluorobenzene
Concen: 51.468 ug/l
RT: 10.32 min Scan# 3025
Delta R.T. 0.01 min
Lab File: VU025014.D
Acq: 28 Jun 2018 12:39

Tgt Ion: 95 Resp: 212236
Ion Ratio Lower Upper
95 100
174 84.1 0.0 165.8
176 81.2 0.0 159.4

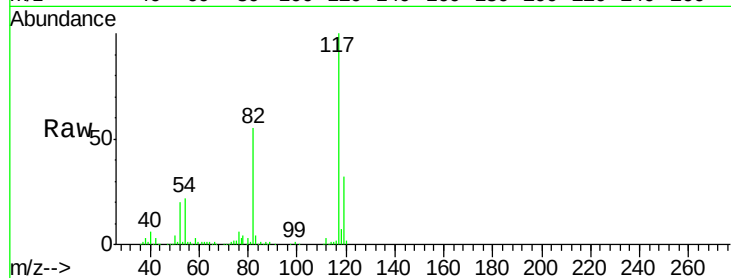




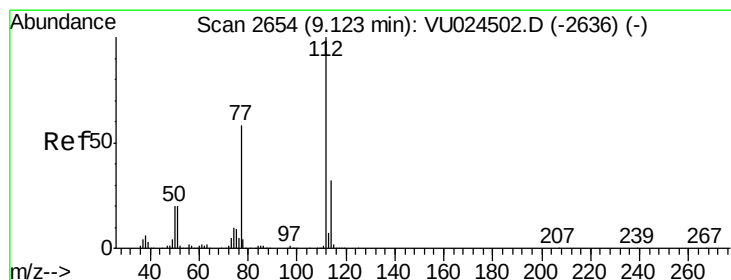
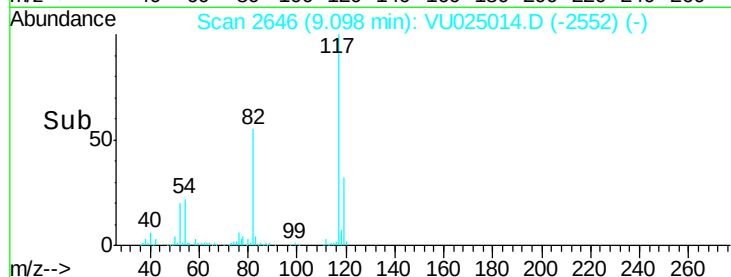
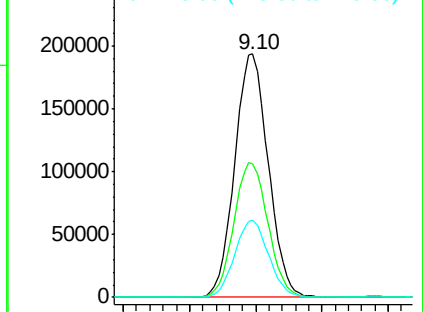
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.10 min Scan# 2646
Delta R.T. 0.00 min
Lab File: VU025014.D
Acq: 28 Jun 2018 12:39

Instrument :
MSVOA_U
ClientSampleId :
WP021SB487-23-25-180621ME

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.6	44.3	66.5
119	31.8	25.4	38.2

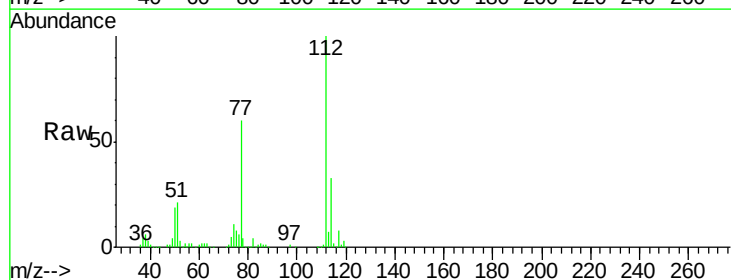


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

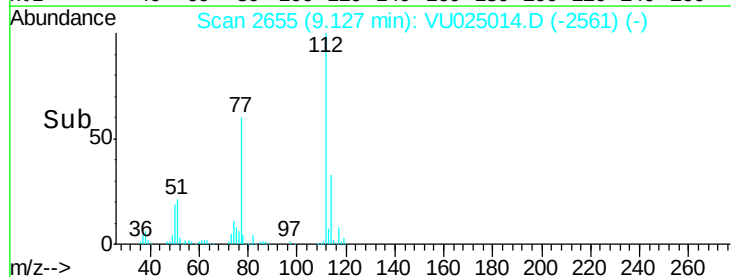
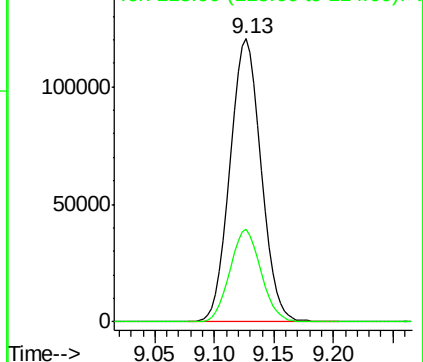


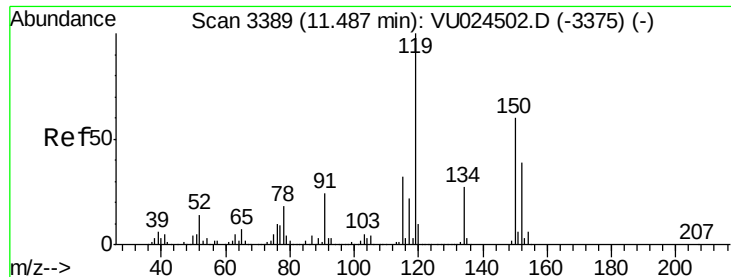
#65
Chlorobenzene
Concen: 25.124 ug/l
RT: 9.13 min Scan# 2655
Delta R.T. 0.00 min
Lab File: VU025014.D
Acq: 28 Jun 2018 12:39

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.6	25.6	38.4



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VU025014.D

Acq: 28 Jun 2018 12:39

Instrument :

MSVOA_U

ClientSampleId :

WP021SB487-23-25-180621ME

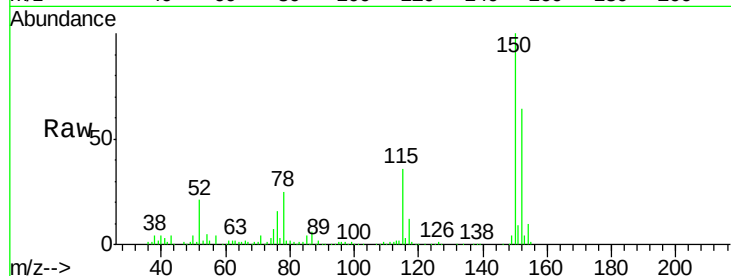
Tgt Ion:152 Resp: 203475

Ion Ratio Lower Upper

152 100

115 56.6 43.0 129.0

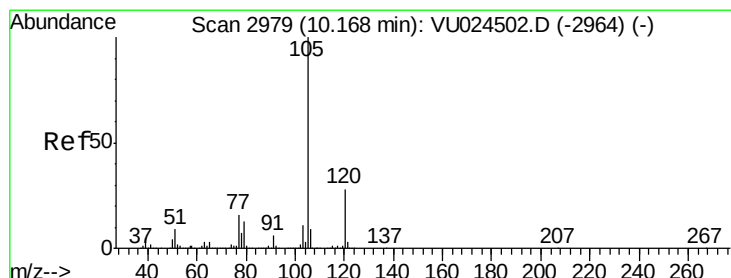
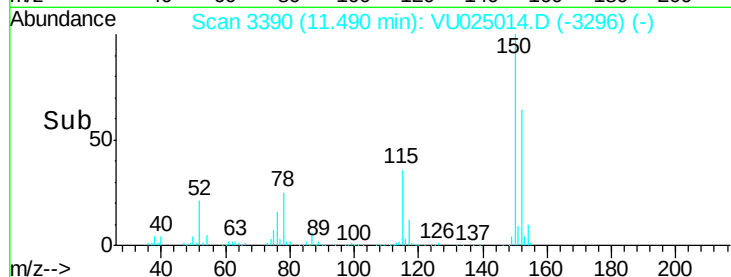
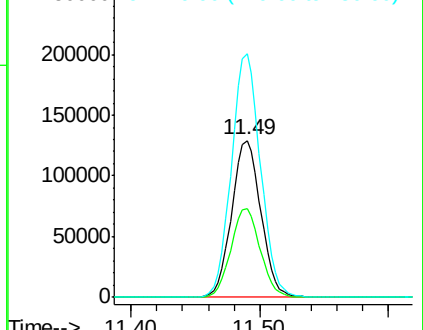
150 154.7 0.0 354.0



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



#73

Isopropylbenzene

Concen: 0.559 ug/l

RT: 10.17 min Scan# 2980

Delta R.T. 0.00 min

Lab File: VU025014.D

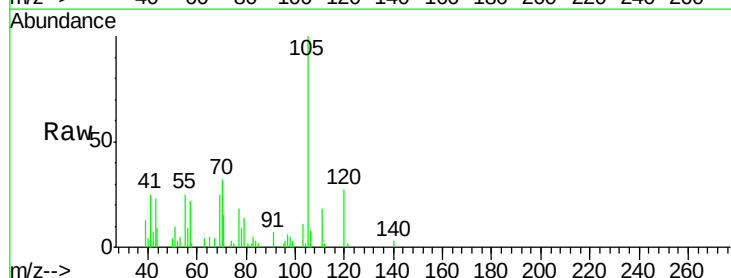
Acq: 28 Jun 2018 12:39

Tgt Ion:105 Resp: 8734

Ion Ratio Lower Upper

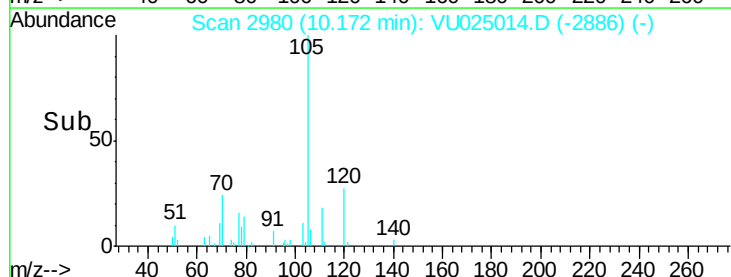
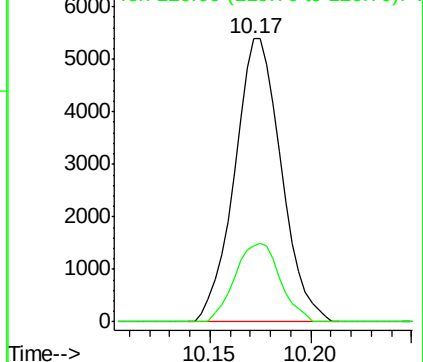
105 100

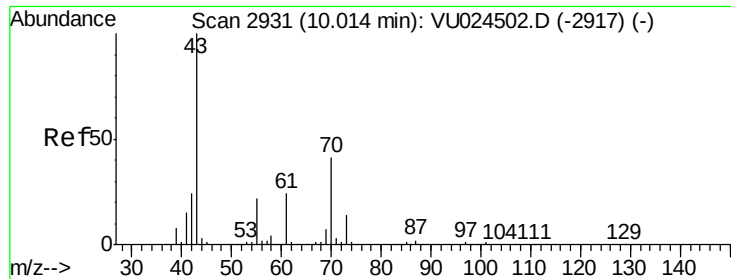
120 26.9 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amyl acetate

Concen: 1.101 ug/l

RT: 10.01 min Scan# 2930

Delta R.T. -0.00 min

Lab File: VU025014.D

Acq: 28 Jun 2018 12:39

Instrument :

MSVOA_U

ClientSampleId :

WP021SB487-23-25-180621ME

Tgt Ion: 43 Resp: 8184

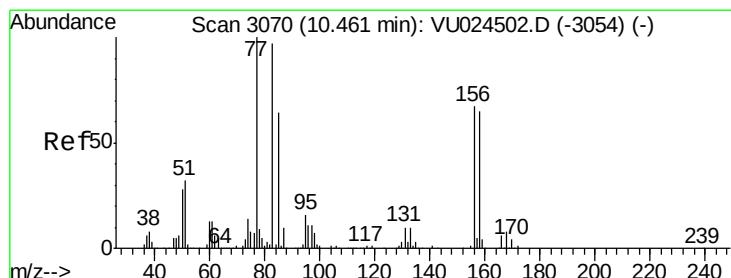
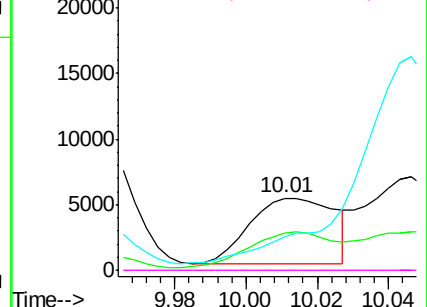
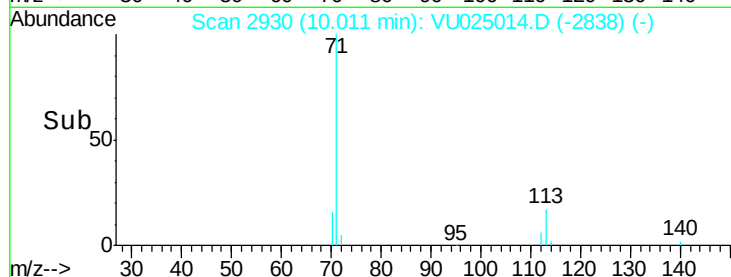
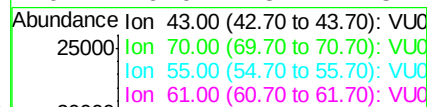
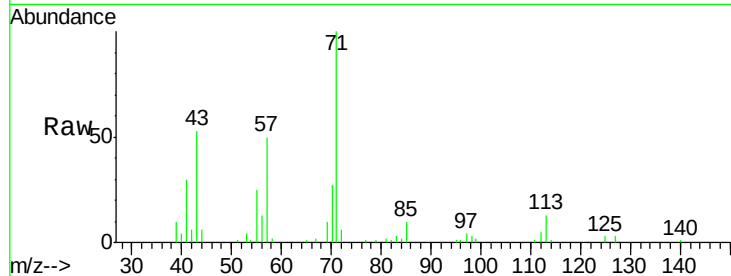
Ion Ratio Lower Upper

43 100

70 54.3 32.2 48.4#

55 0.0 20.5 30.7#

61 0.0 18.7 28.1#



#75

1,1,2,2-Tetrachloroethane

Concen: 0.607 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. -0.00 min

Lab File: VU025014.D

Acq: 28 Jun 2018 12:39

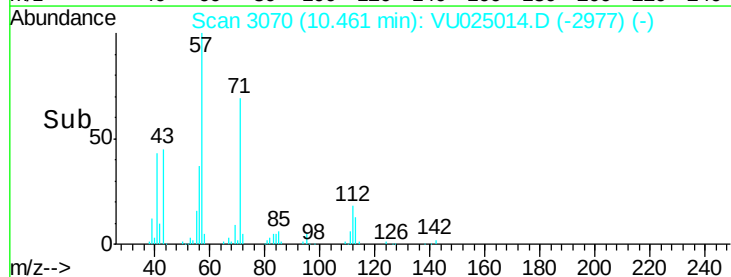
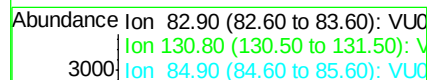
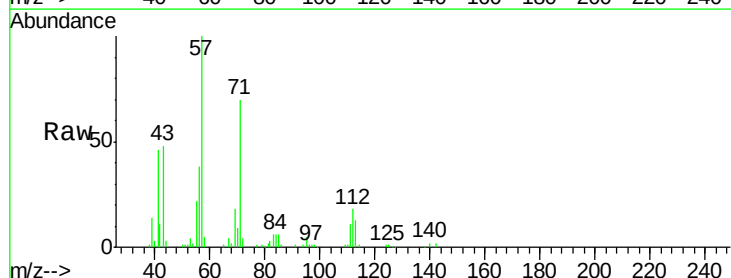
Tgt Ion: 83 Resp: 3177

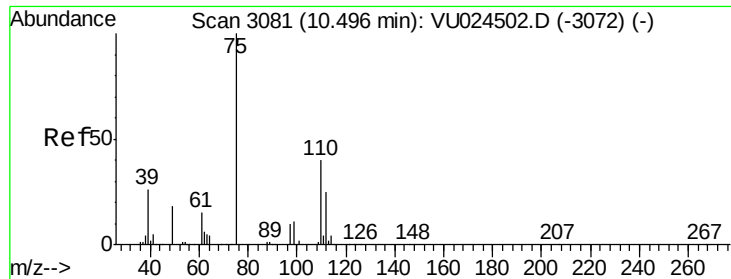
Ion Ratio Lower Upper

83 100

131 0.0 4.7 14.1#

85 86.9 32.5 97.5





#76

1,2,3-Trichloropropane

Concen: 24.724 ug/l

RT: 10.32 min Scan# 3025

Delta R.T. -0.18 min

Lab File: VU025014.D

Acq: 28 Jun 2018 12:39

Instrument :

MSVOA_U

ClientSampleId :

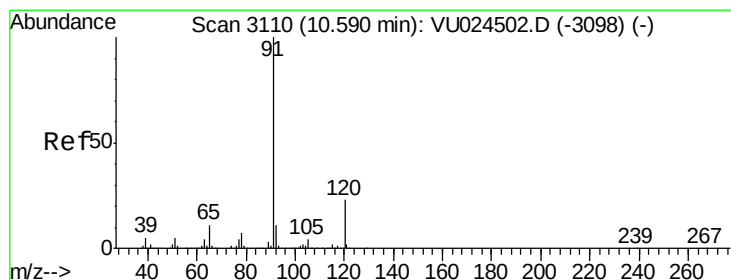
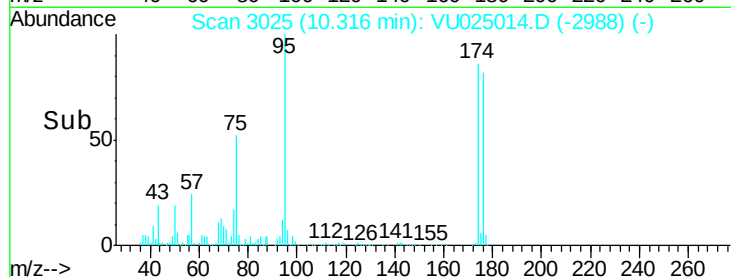
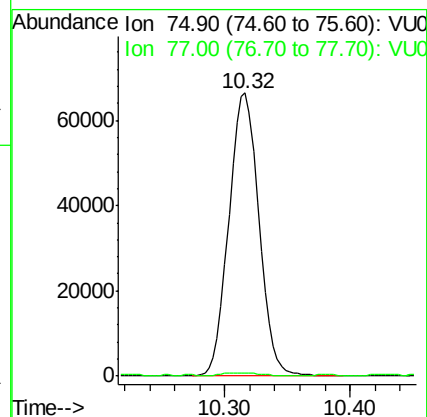
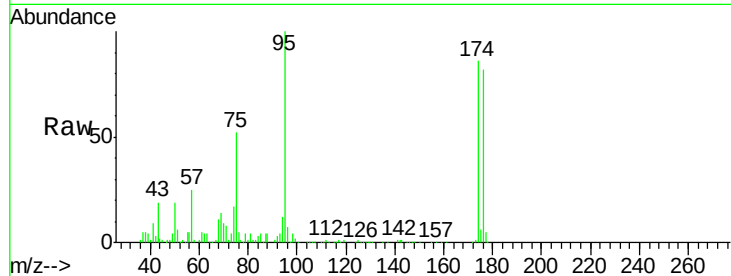
WP021SB487-23-25-180621ME

Tgt Ion: 75 Resp: 110760

Ion Ratio Lower Upper

75 100

77 1.2 20.9 62.7#



#78

n-propylbenzene

Concen: 0.810 ug/l

RT: 10.60 min Scan# 3112

Delta R.T. 0.01 min

Lab File: VU025014.D

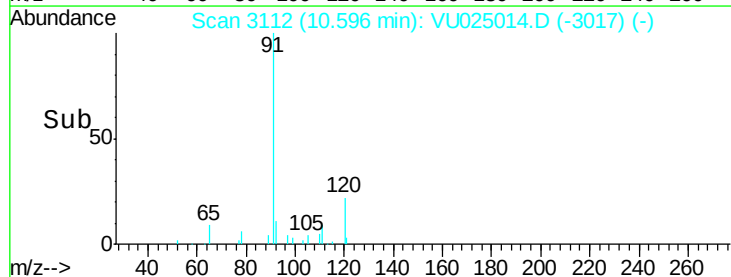
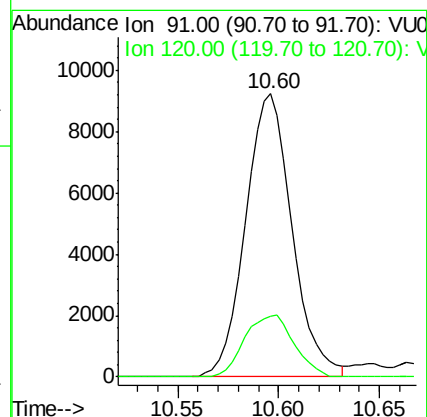
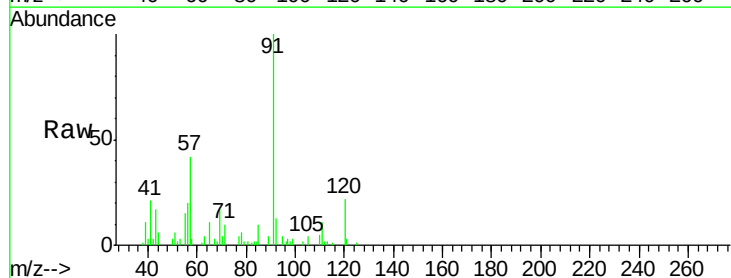
Acq: 28 Jun 2018 12:39

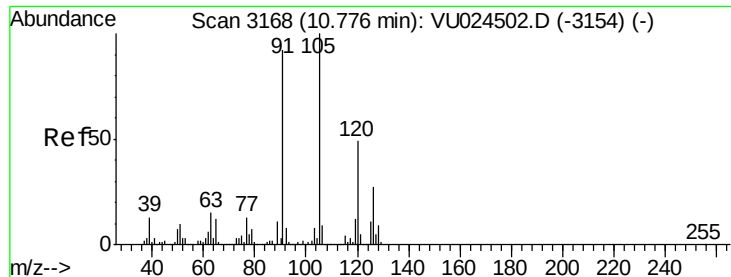
Tgt Ion: 91 Resp: 14900

Ion Ratio Lower Upper

91 100

120 23.1 11.2 33.5





#80

1,3,5-Trimethylbenzene

Concen: 0.397 ug/l

RT: 10.98 min Scan# 3230

Delta R.T. 0.20 min

Lab File: VU025014.D

Acq: 28 Jun 2018 12:39

Instrument :

MSVOA_U

ClientSampleId :

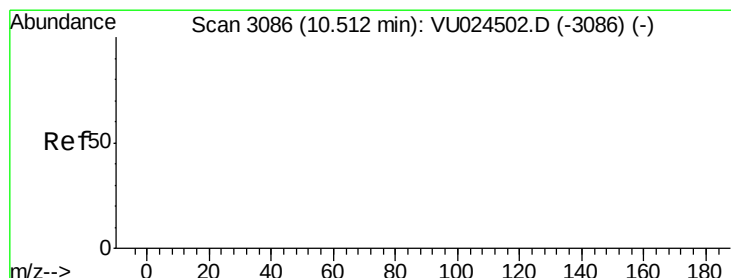
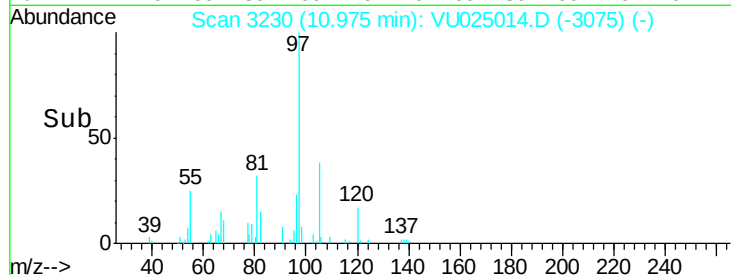
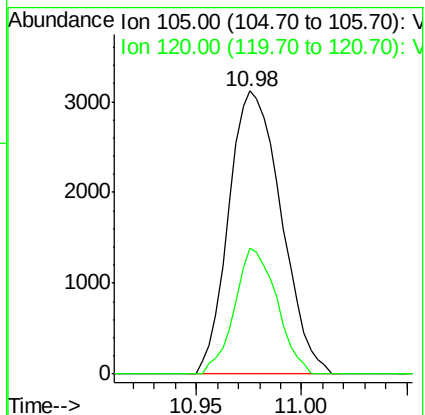
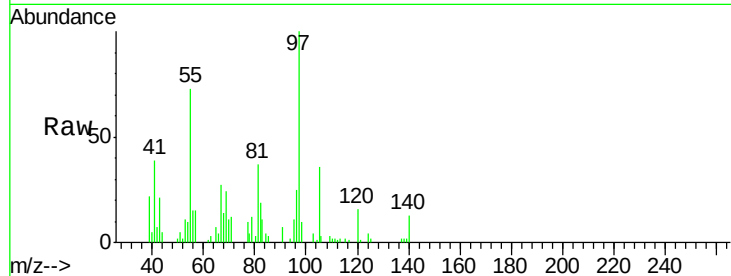
WP021SB487-23-25-180621ME

Tgt Ion:105 Resp: 5370

Ion Ratio Lower Upper

105 100

120 36.0 24.1 72.2



#81

trans-1,4-Dichloro-2-butene

Concen: 57.223 ug/l

RT: 10.32 min Scan# 3025

Delta R.T. -0.20 min

Lab File: VU025014.D

Acq: 28 Jun 2018 12:39

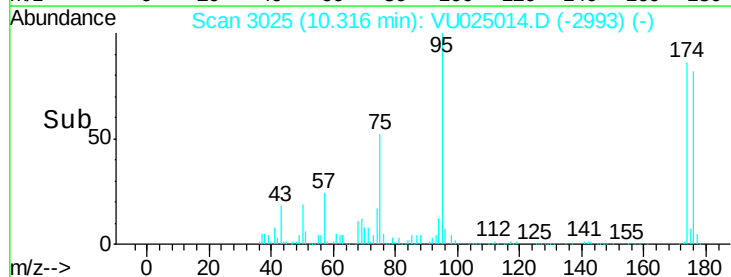
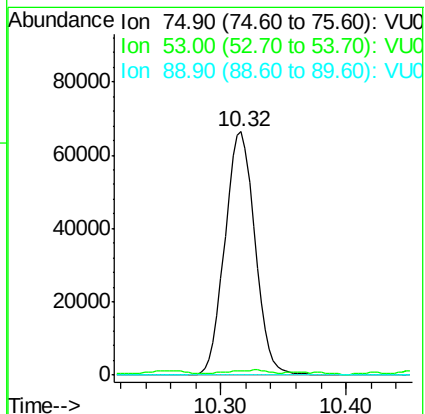
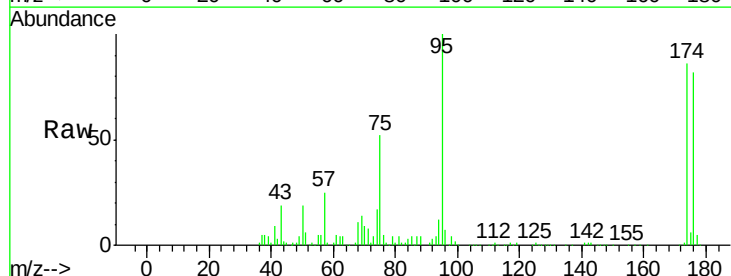
Tgt Ion: 75 Resp: 110760

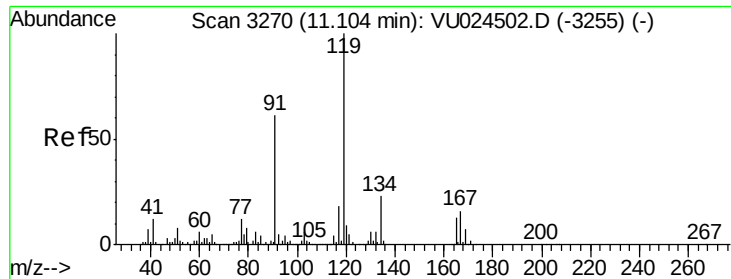
Ion Ratio Lower Upper

75 100

53 1.6 0.0 0.0#

89 0.0 0.0 0.0

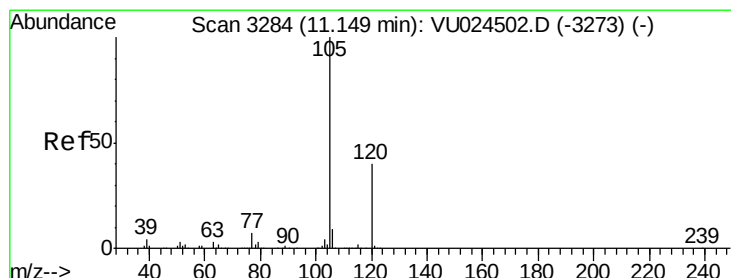
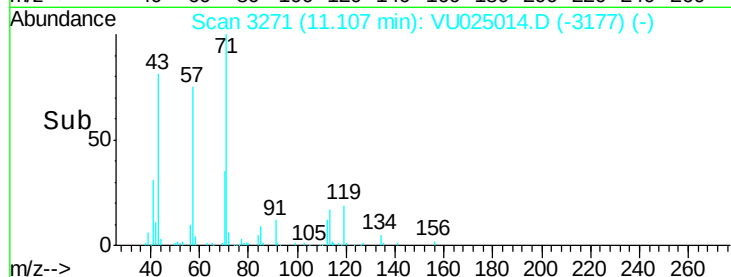
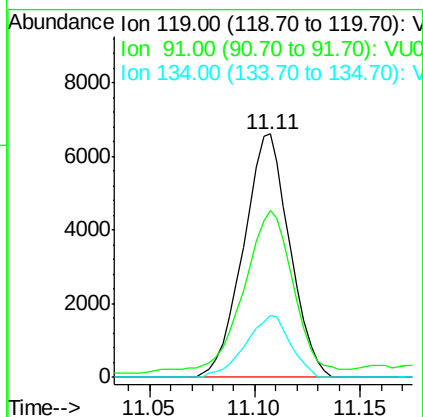
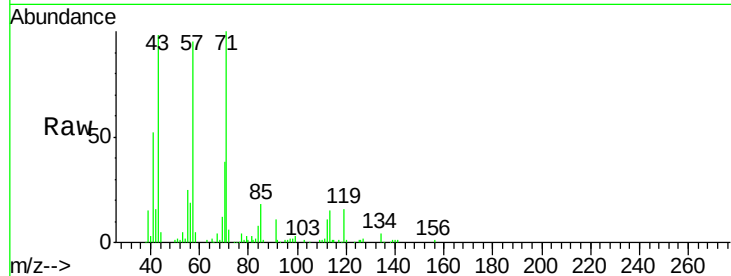




#83
 tert-Butylbenzene
 Concen: 0.774 ug/l
 RT: 11.11 min Scan# 3271
 Delta R.T. 0.00 min
 Lab File: VU025014.D
 Acq: 28 Jun 2018 12:39

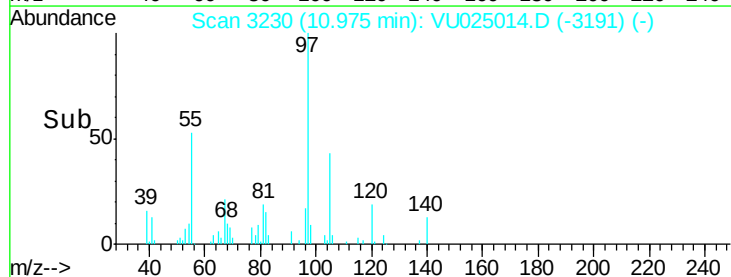
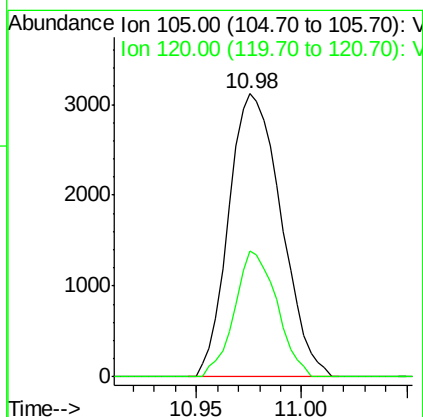
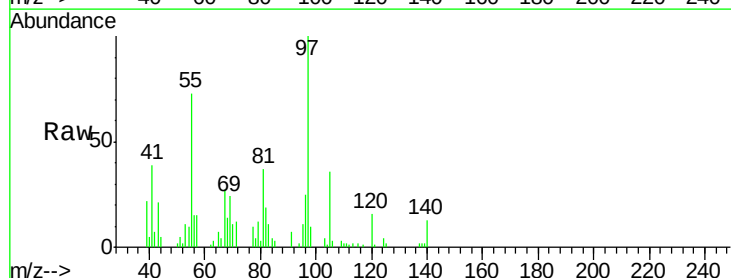
Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB487-23-25-180621ME

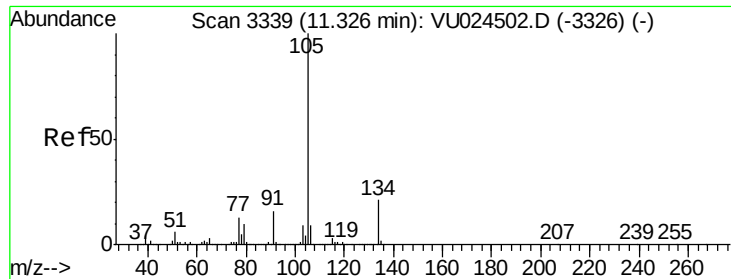
Tgt Ion:119 Resp: 10082
 Ion Ratio Lower Upper
 119 100
 91 72.4 29.7 89.1
 134 24.5 11.6 34.7



#84
 1,2,4-Trimethylbenzene
 Concen: 0.389 ug/l
 RT: 10.98 min Scan# 3230
 Delta R.T. -0.17 min
 Lab File: VU025014.D
 Acq: 28 Jun 2018 12:39

Tgt Ion:105 Resp: 5370
 Ion Ratio Lower Upper
 105 100
 120 36.0 22.6 67.8





#85

sec-Butylbenzene

Concen: 1.893 ug/l

RT: 11.33 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VU025014.D

Acq: 28 Jun 2018 12:39

Instrument :

MSVOA_U

ClientSampleId :

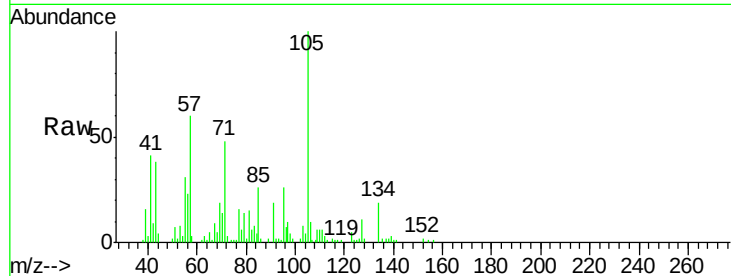
WP021SB487-23-25-180621ME

Tgt Ion:105 Resp: 30861

Ion Ratio Lower Upper

105 100

134 0.0 9.7 29.1#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.33

20000

15000

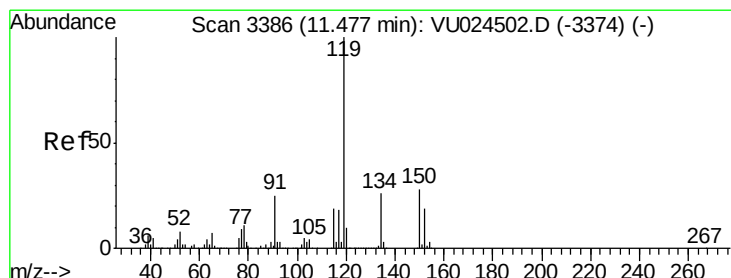
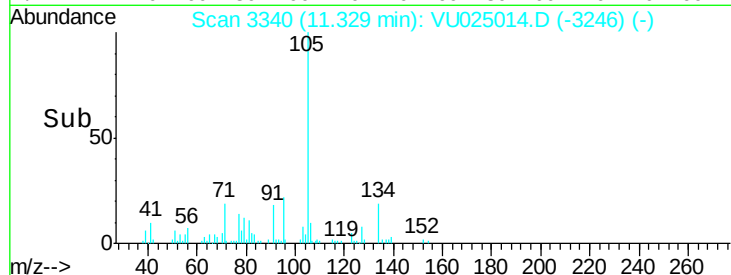
10000

5000

0

Time-->

11.25 11.30 11.35 11.40



#86

p-Isopropyltoluene

Concen: 0.593 ug/l

RT: 11.43 min Scan# 3372

Delta R.T. -0.05 min

Lab File: VU025014.D

Acq: 28 Jun 2018 12:39

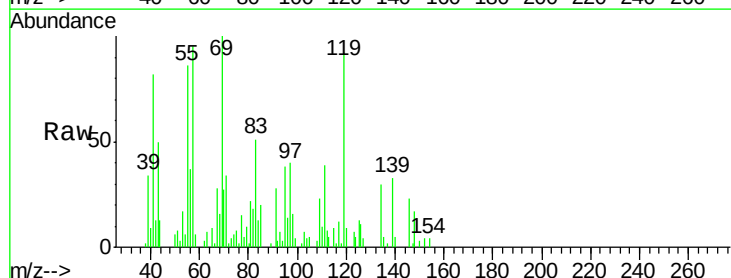
Tgt Ion:119 Resp: 8660

Ion Ratio Lower Upper

119 100

134 30.2 12.9 38.6

91 23.6 12.0 36.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0

11.43

6000

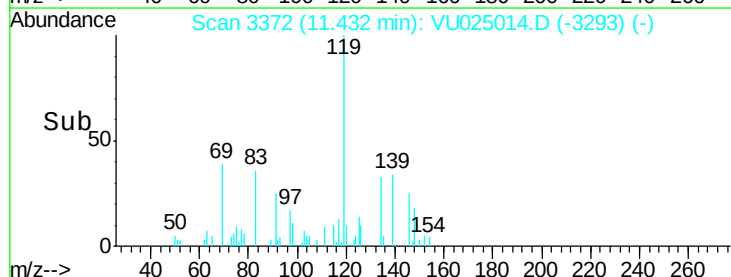
4000

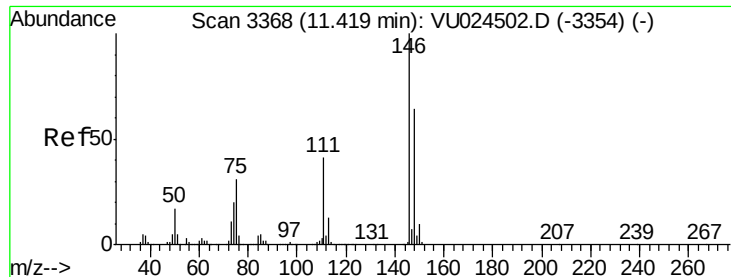
2000

0

Time-->

11.40 11.45

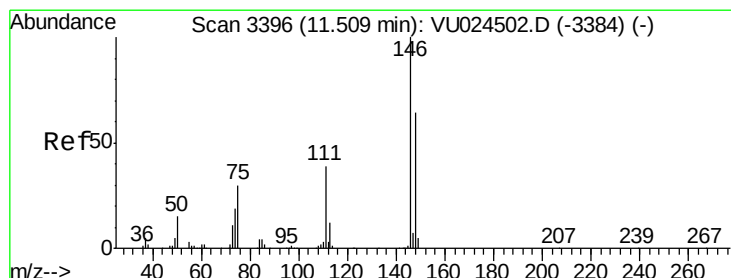
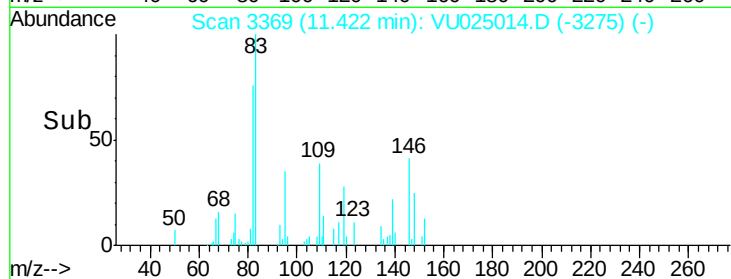
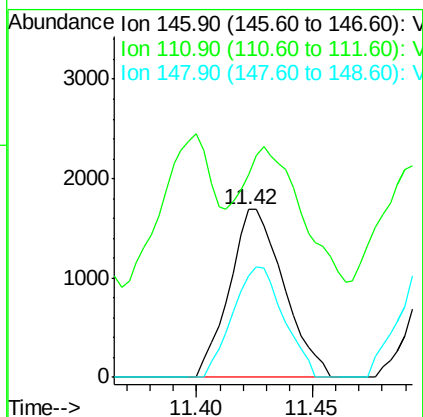
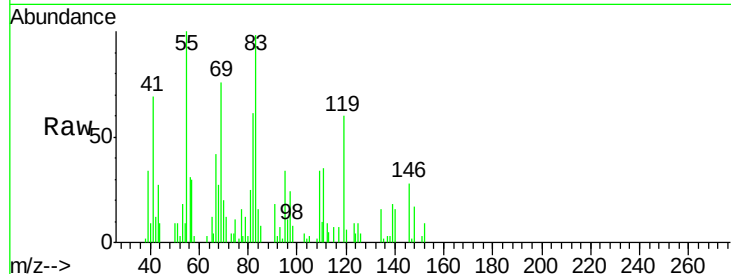




#87
 1,3-Dichlorobenzene
 Concen: 0.376 ug/l
 RT: 11.42 min Scan# 3369
 Delta R.T. 0.00 min
 Lab File: VU025014.D
 Acq: 28 Jun 2018 12:39

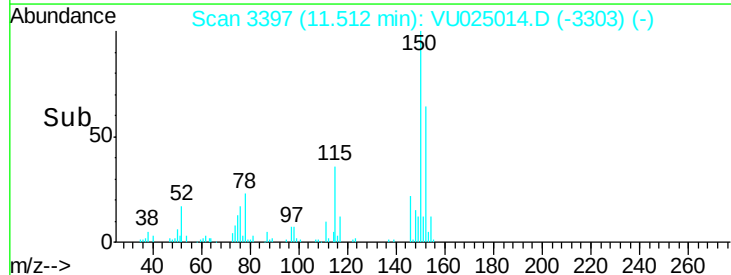
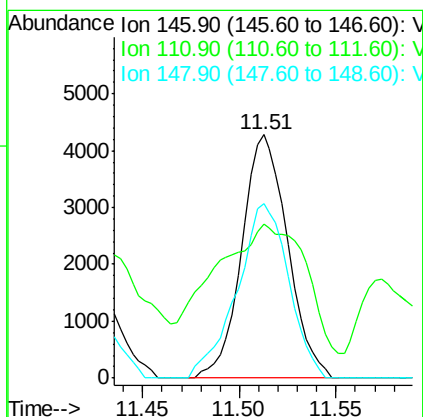
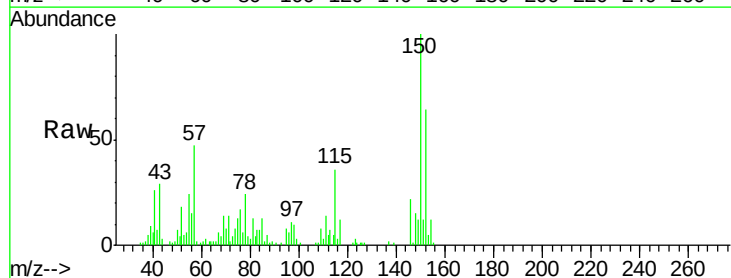
Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB487-23-25-180621ME

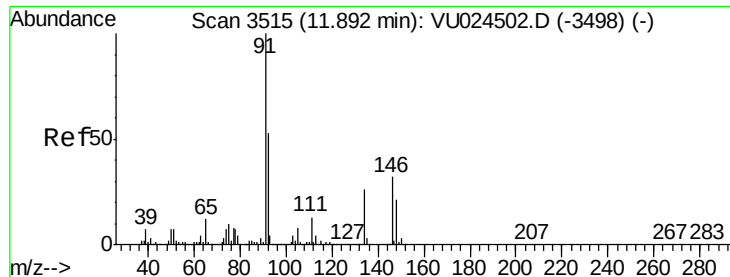
Tgt Ion:146 Resp: 2745
 Ion Ratio Lower Upper
 146 100
 111 81.2 20.0 60.0#
 148 61.4 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 0.959 ug/l
 RT: 11.51 min Scan# 3397
 Delta R.T. 0.00 min
 Lab File: VU025014.D
 Acq: 28 Jun 2018 12:39

Tgt Ion:146 Resp: 7051
 Ion Ratio Lower Upper
 146 100
 111 105.7 19.5 58.5#
 148 81.0 32.4 97.0





#89

n-Butylbenzene

Concen: 1.650 ug/l

RT: 11.89 min Scan# 3516

Delta R.T. 0.00 min

Lab File: VU025014.D

Acq: 28 Jun 2018 12:39

Instrument :

MSVOA_U

ClientSampleId :

WP021SB487-23-25-180621ME

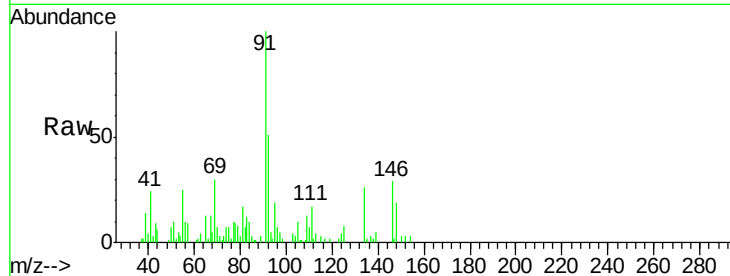
Tgt Ion: 91 Resp: 21395

Ion Ratio Lower Upper

91 100

92 47.2 25.6 76.8

134 38.8 12.3 36.8#

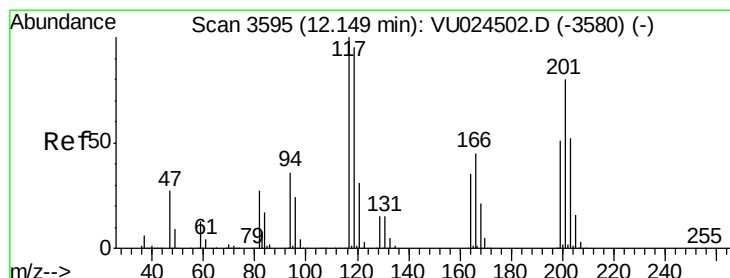
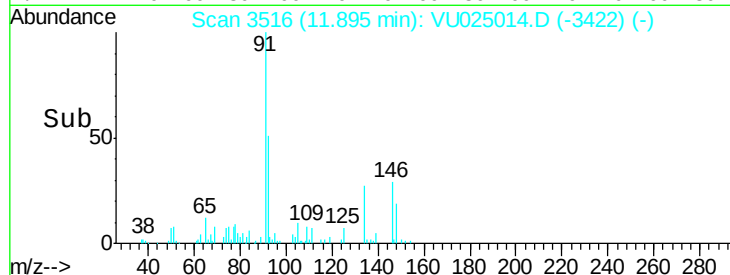
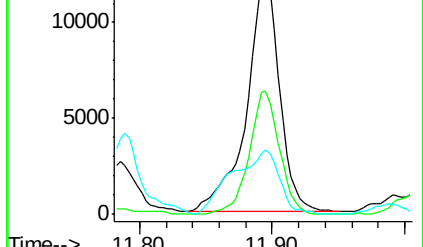


Abundance Ion 91.00 (90.70 to 91.70): VU024502.D (-3498) (-)

Ion 92.00 (91.70 to 92.70): VU024502.D (-3498) (-)

Ion 134.00 (133.70 to 134.70): VU024502.D (-3498) (-)

Time-->



#90

Hexachloroethane

Concen: 0.219 ug/l

RT: 12.15 min Scan# 3596

Delta R.T. 0.00 min

Lab File: VU025014.D

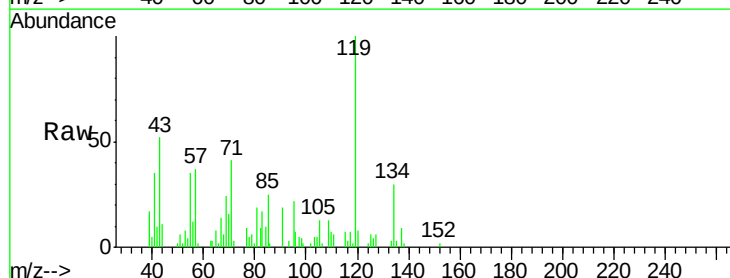
Acq: 28 Jun 2018 12:39

Tgt Ion: 117 Resp: 623

Ion Ratio Lower Upper

117 100

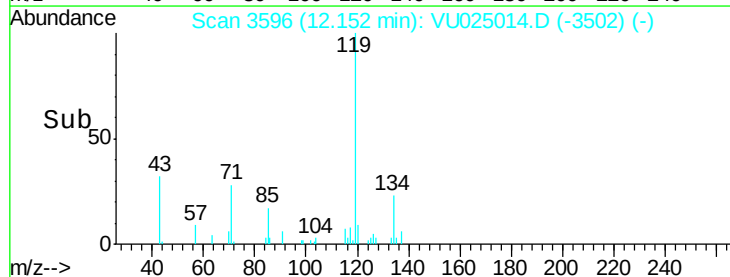
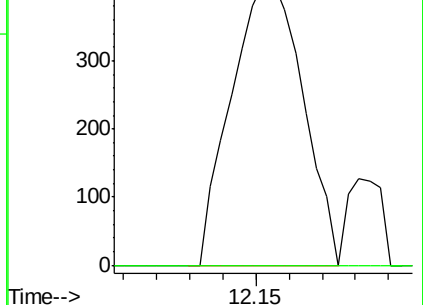
201 0.0 41.1 123.3#

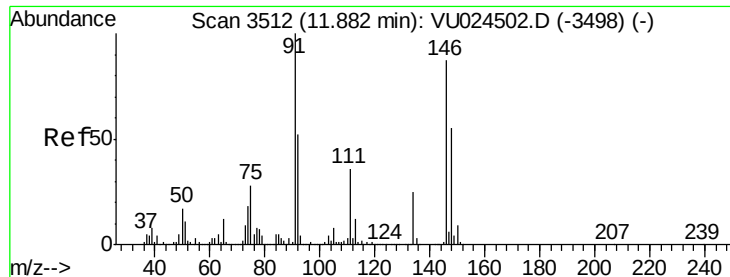


Abundance Ion 116.80 (116.50 to 117.50): VU024502.D (-3580) (-)

Ion 200.70 (200.40 to 201.40): VU024502.D (-3580) (-)

Time-->

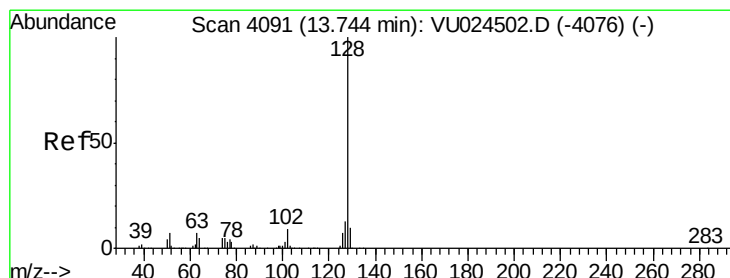
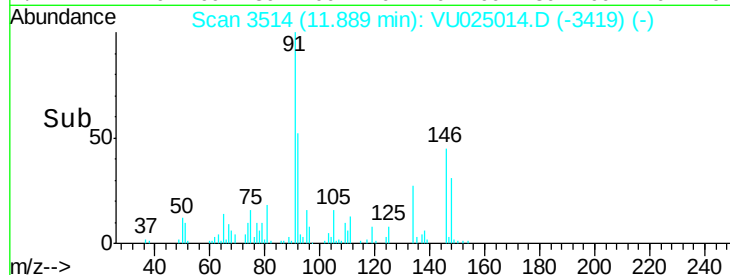
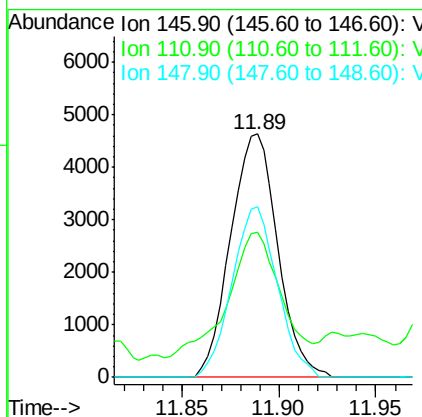
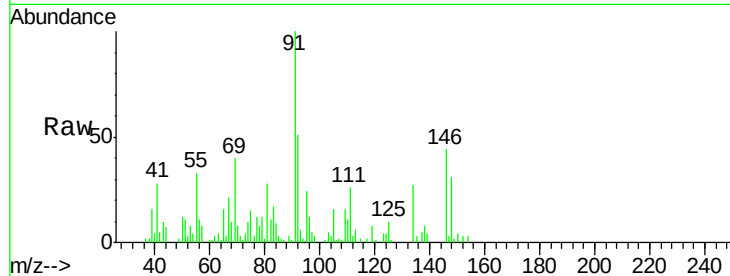




#91
 1,2-Dichlorobenzene
 Concen: 1.074 ug/l
 RT: 11.89 min Scan# 3514
 Delta R.T. 0.01 min
 Lab File: VU025014.D
 Acq: 28 Jun 2018 12:39

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB487-23-25-180621ME

Tgt Ion:146 Resp: 7863
 Ion Ratio Lower Upper
 146 100
 111 56.3 20.5 61.6
 148 67.3 31.9 95.7



#95
 Naphthalene
 Concen: 1.044 ug/l
 RT: 13.75 min Scan# 4094
 Delta R.T. 0.01 min
 Lab File: VU025014.D
 Acq: 28 Jun 2018 12:39

Tgt Ion:128 Resp: 5538
 Ion Ratio Lower Upper
 128 100
 127 14.1 10.6 16.0
 129 16.7 8.6 12.8#

