

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061418\
 Data File : VU024541.D
 Acq On : 14 Jun 2018 15:43
 Operator : MD/SY
 Sample : J3456-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 15 01:36:05 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

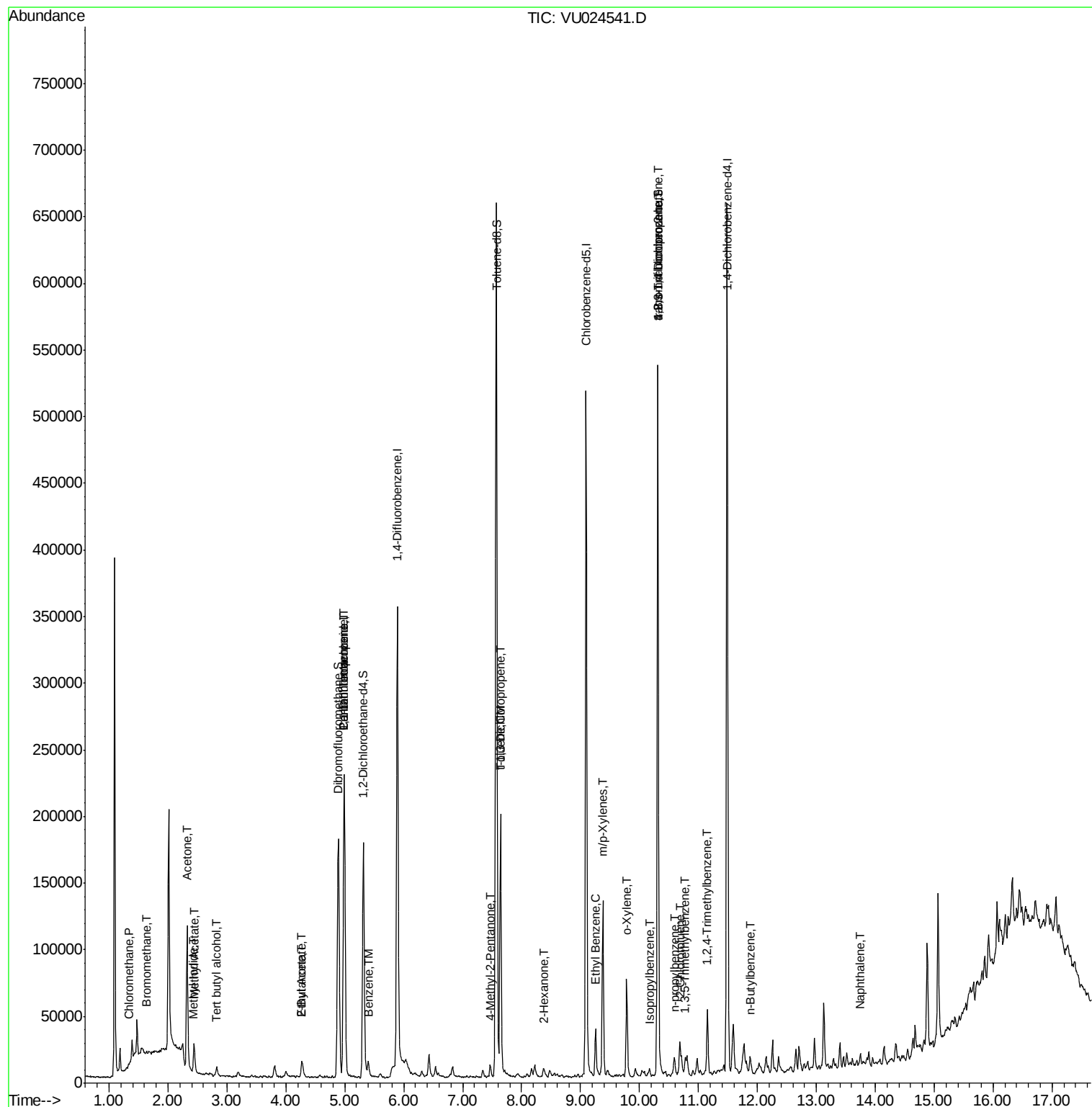
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	178605	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	301866	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	289536	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	173414	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	136604	46.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.70%	
35) Dibromofluoromethane	4.89	113	121533	48.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.02%	
50) Toluene-d8	7.57	98	451344	49.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.78%	
62) 4-Bromofluorobenzene	10.31	95	171893	47.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.76%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.33	50	1876	0.821	ug/l	95
5) Bromomethane	1.63	94	667	0.586	ug/l #	41
6) Chloroethane	1.71	64	248	Below Cal		99
8) Diethyl Ether	2.10	74	40	Below Cal	#	1
10) Methyl Iodide	2.42	142	95	5.334	ug/l #	40
11) Tert butyl alcohol	2.83	59	7243	10.214	ug/l #	84
16) Acetone	2.32	43	111395	71.105	ug/l	100
18) Methyl Acetate	2.45	43	5273	1.570	ug/l #	53
25) 2-Butanone	4.27	43	21164	10.057	ug/l #	87
31) Cyclohexane	4.99	56	3627	Below Cal	#	1
36) 1,1-Dichloropropene	4.99	75	12483	3.519	ug/l #	52
37) Ethyl Acetate	4.27	43	21164	5.474	ug/l #	70
38) Carbon Tetrachloride	4.99	117	16830	4.315	ug/l #	17
40) Benzene	5.40	78	10438	1.033	ug/l	97
51) 4-Methyl-2-Pentanone	7.46	43	6886	1.640	ug/l #	86
52) Toluene	7.64	92	82245	12.648	ug/l	98
53) t-1,3-Dichloropropene	7.64	75	923	0.218	ug/l #	1
59) 2-Hexanone	8.37	43	4837	1.411	ug/l	91
67) Ethyl Benzene	9.26	91	25174	1.941	ug/l	100
68) m/p-Xylenes	9.38	106	37416	7.514	ug/l	98
69) o-Xylene	9.78	106	19167	3.890	ug/l	100
73) Isopropylbenzene	10.17	105	2927	0.220	ug/l	89
76) 1,2,3-Trichloropropane	10.31	75	86201	22.578	ug/l #	36
78) n-propylbenzene	10.59	91	10966	0.699	ug/l	98
79) 2-Chlorotoluene	10.68	91	3408	0.368	ug/l #	41
80) 1,3,5-Trimethylbenzene	10.78	105	7224	0.626	ug/l	92
81) trans-1,4-Dichloro-2-buten	10.31	75	86201	52.255	ug/l #	100
84) 1,2,4-Trimethylbenzene	11.15	105	25406	2.160	ug/l	100
89) n-Butylbenzene	11.90	91	3306	0.299	ug/l #	43
95) Naphthalene	13.75	128	7527	1.262	ug/l #	93

(#) = 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# 1368

Delta R.T. -0.00 min

Lab File: VU024541.D

Acq: 14 Jun 2018 15:43

Instrument :

MSVOA_U

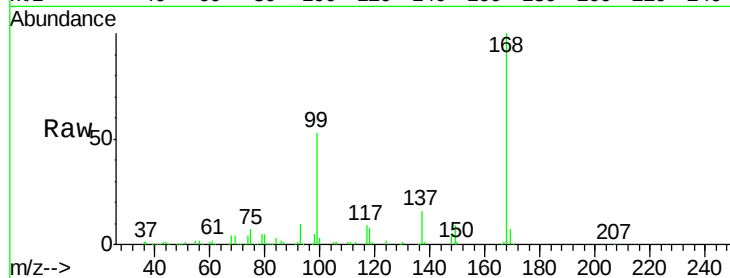
ClientSampleId :

Tot Ion:168 Resp: 178605

Ion Ratio Lower Upper

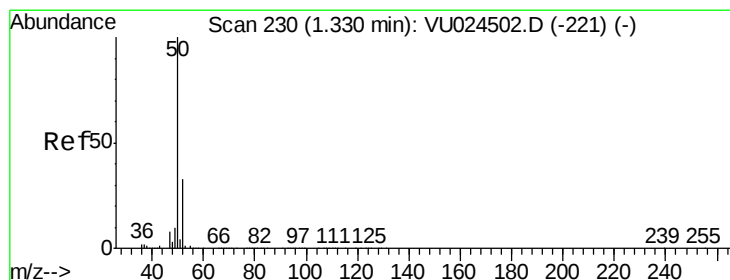
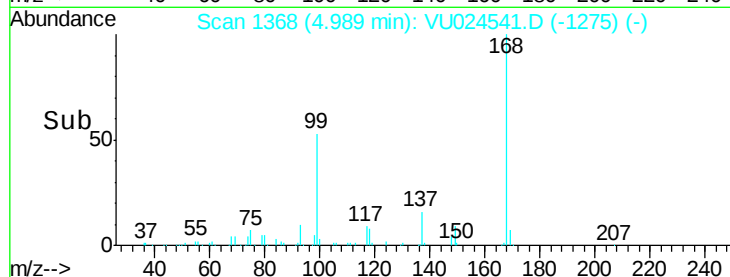
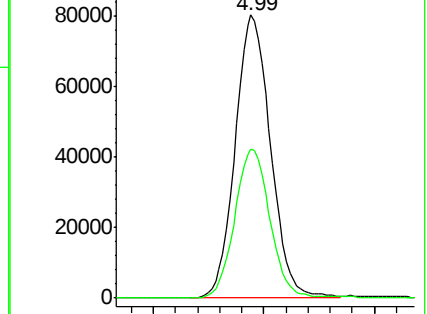
168 100

99 52.6 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) (-)



#3

Chloromethane

Concen: 0.821 ug/l

RT: 1.33 min Scan# 230

Delta R.T. -0.00 min

Lab File: VU024541.D

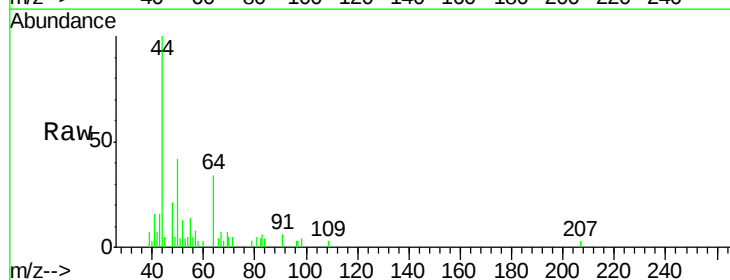
Acq: 14 Jun 2018 15:43

Tgt Ion: 50 Resp: 1876

Ion Ratio Lower Upper

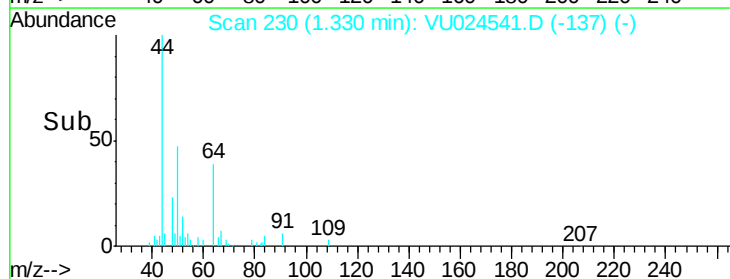
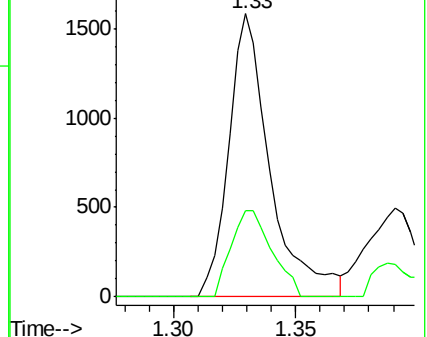
50 100

52 30.4 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) (-)





#5

Bromomethane

Concen: 0.586 ug/l

RT: 1.63 min Scan# 324

Delta R.T. 0.01 min

Lab File: VU024541.D

Acq: 14 Jun 2018 15:43

Instrument :

MSVOA_U

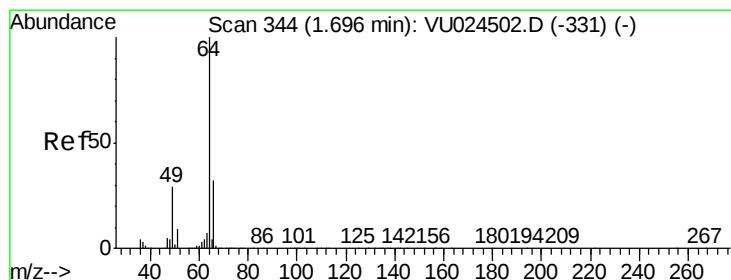
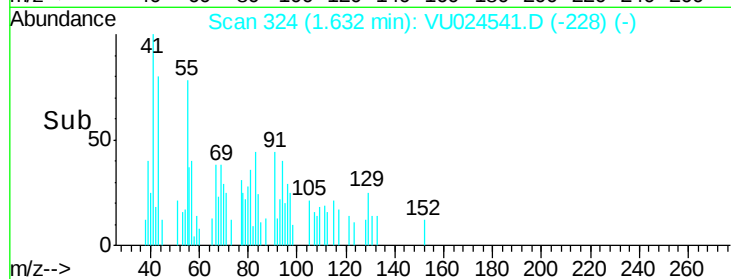
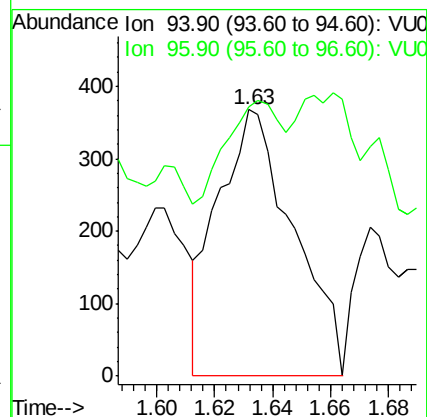
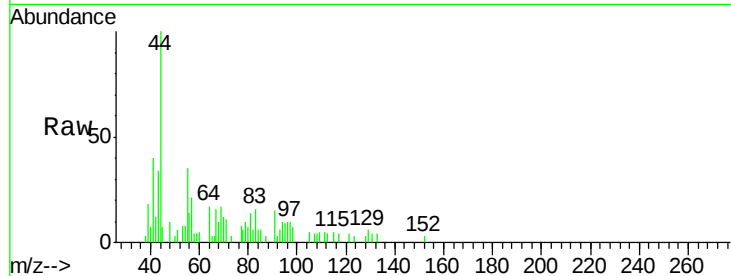
ClientSampleId :

Tot Ion: 94 Resp: 667

Ion Ratio Lower Upper

94 100

96 36.7 74.5 111.7#



#6

Chloroethane

Concen: Below Cal

RT: 1.71 min Scan# 347

Delta R.T. 0.01 min

Lab File: VU024541.D

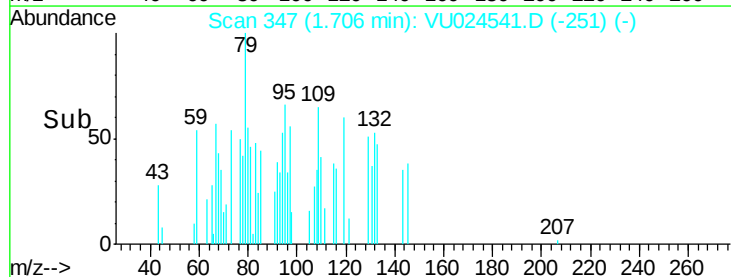
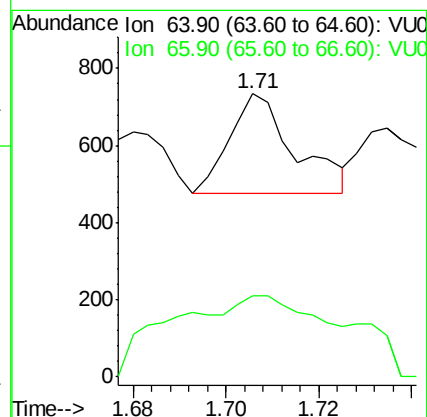
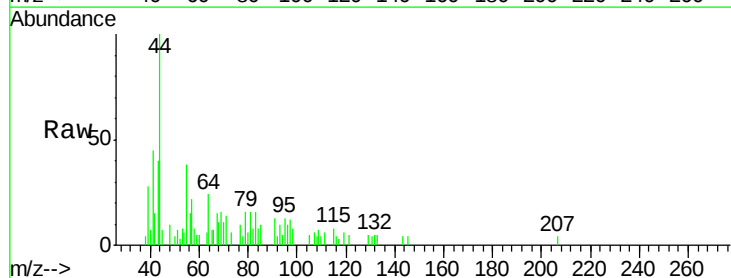
Acq: 14 Jun 2018 15:43

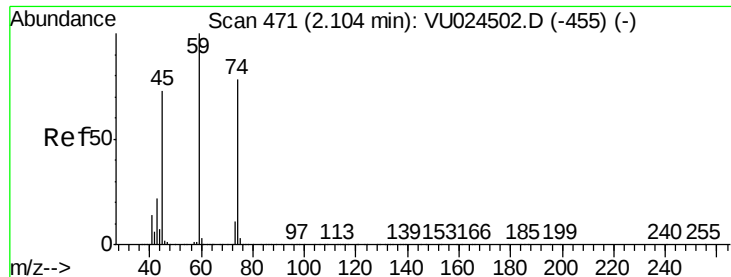
Tgt Ion: 64 Resp: 248

Ion Ratio Lower Upper

64 100

66 31.5 25.5 38.3





#8

Diethyl Ether

Concen: Below Cal

RT: 2.10 min Scan# 470

Delta R.T. -0.00 min

Lab File: VU024541.D

Acq: 14 Jun 2018 15:43

Instrument :

MSVOA_U

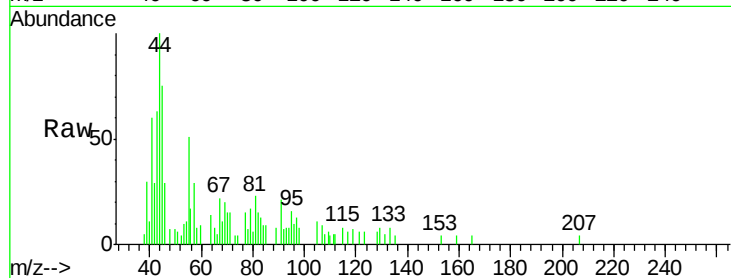
ClientSampleId :

Tot Ion: 74 Resp: 40

Ion Ratio Lower Upper

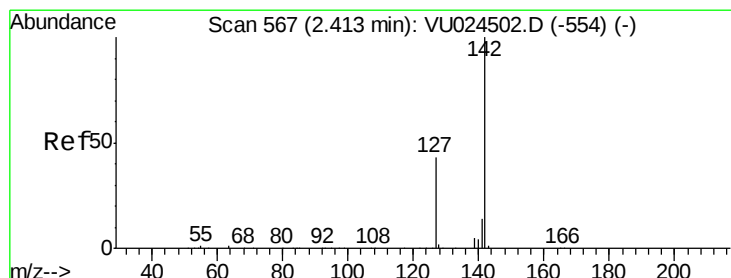
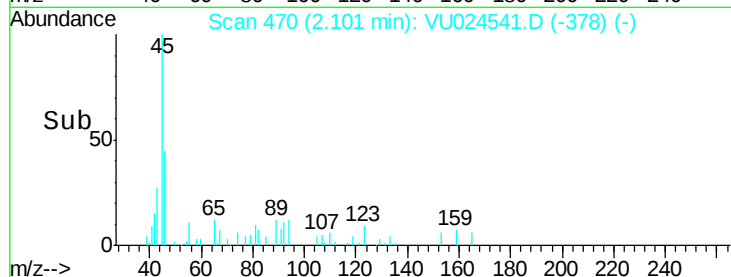
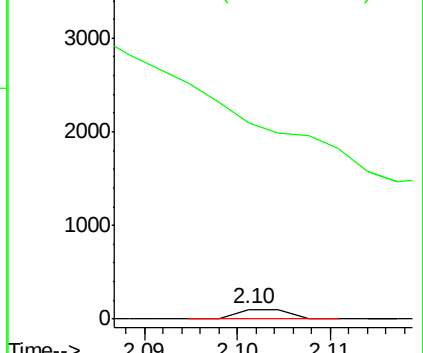
74 100

45 0.0 55.0 165.0#



Abundance Ion 74.00 (73.70 to 74.70): VU024541.D (-378) (-)

Ion 45.00 (44.70 to 45.70): VU024541.D (-378) (-)



#10

Methyl Iodide

Concen: 5.334 ug/l

RT: 2.42 min Scan# 568

Delta R.T. 0.00 min

Lab File: VU024541.D

Acq: 14 Jun 2018 15:43

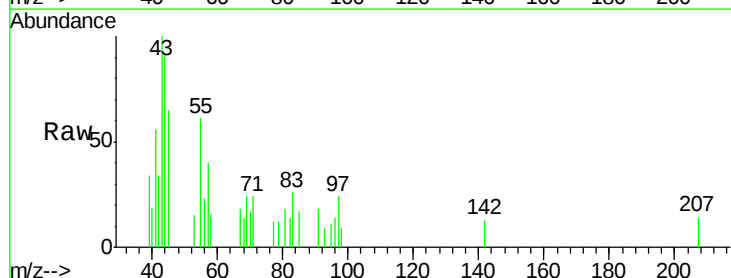
Tgt Ion: 142 Resp: 95

Ion Ratio Lower Upper

142 100

127 0.0 35.6 53.4#

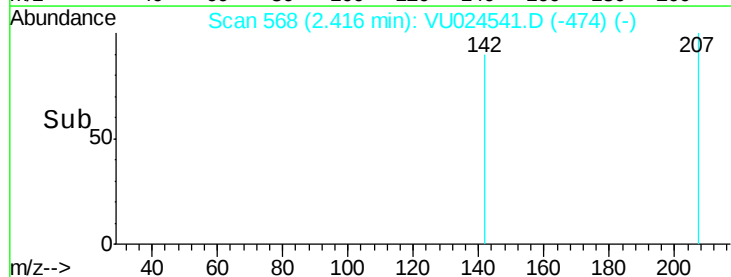
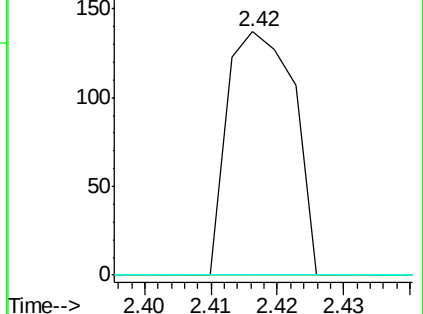
141 0.0 11.7 17.5#



Abundance Ion 141.80 (141.50 to 142.50): VU024541.D (-474) (-)

Ion 126.80 (126.50 to 127.50): VU024541.D (-474) (-)

Ion 140.80 (140.50 to 141.50): VU024541.D (-474) (-)

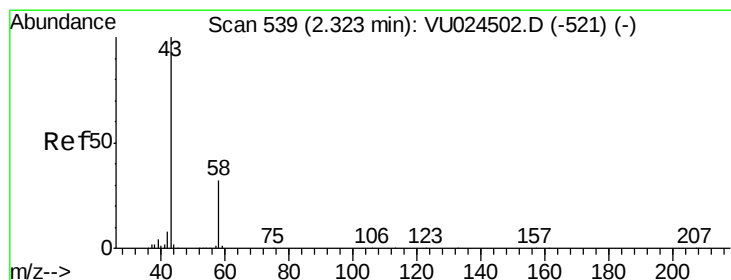
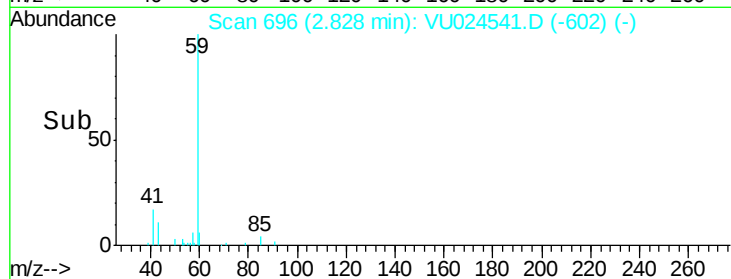
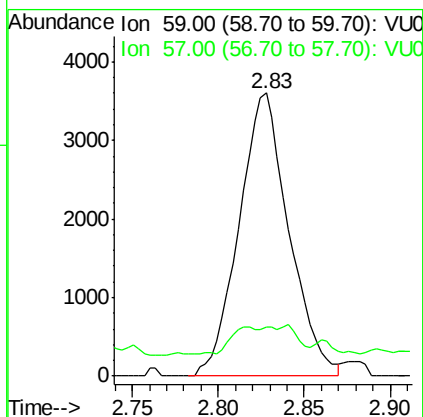
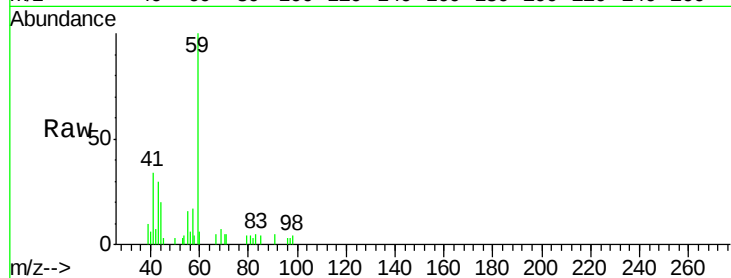




#11
Tert butyl alcohol
Concen: 10.214 ug/l
RT: 2.83 min Scan# 696
Delta R.T. 0.00 min
Lab File: VU024541.D
Acq: 14 Jun 2018 15:43

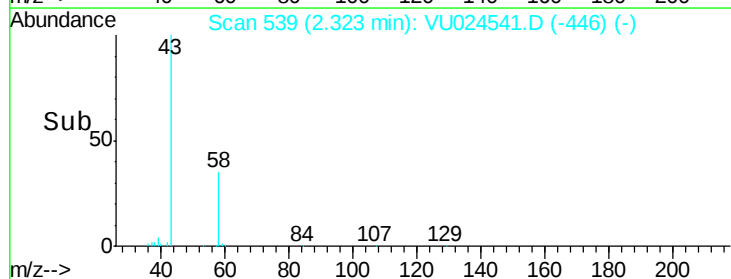
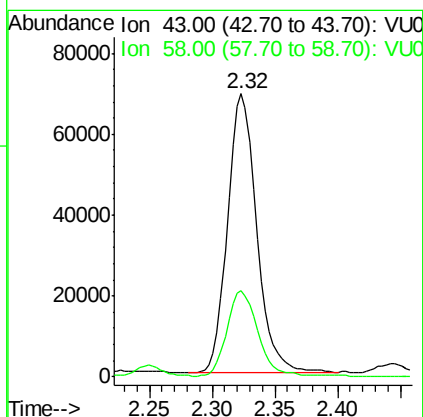
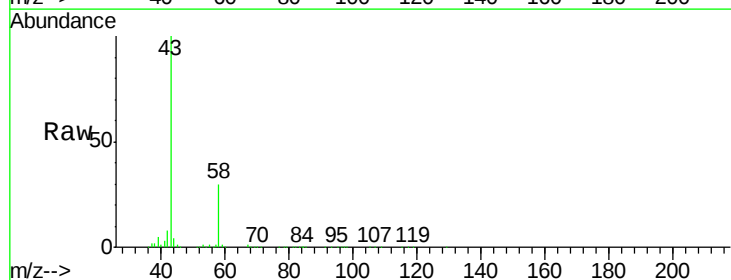
Instrument :
MSVOA_U
ClientSampled :

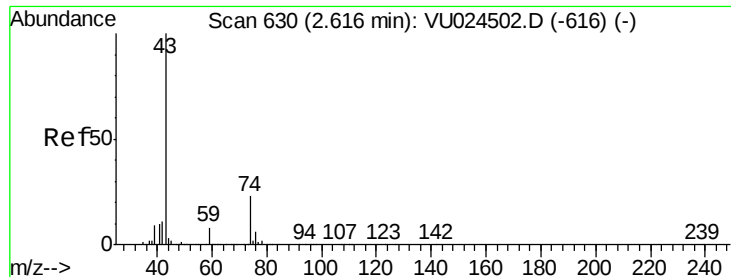
Tot Ion: 59 Resp: 7243
Ion Ratio Lower Upper
59 100
57 4.8 8.5 12.7#



#16
Acetone
Concen: 71.105 ug/l
RT: 2.32 min Scan# 539
Delta R.T. -0.00 min
Lab File: VU024541.D
Acq: 14 Jun 2018 15:43

Tgt Ion: 43 Resp: 111395
Ion Ratio Lower Upper
43 100
58 30.3 24.4 36.6

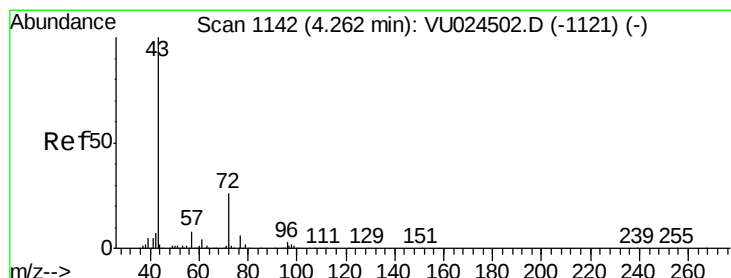
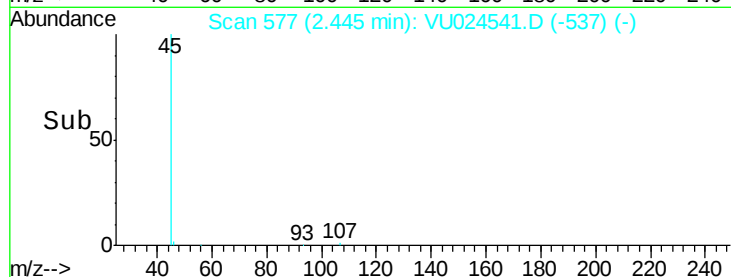
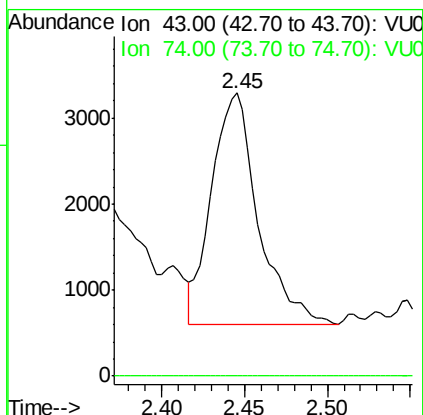
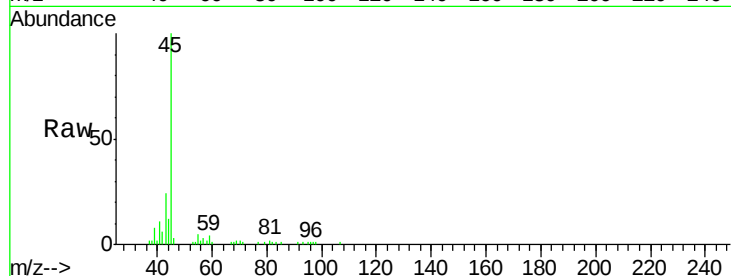




#18
Methvl Acetate
Concen: 1.570 ug/l
RT: 2.45 min Scan# 577
Delta R.T. -0.17 min
Lab File: VU024541.D
Acq: 14 Jun 2018 15:43

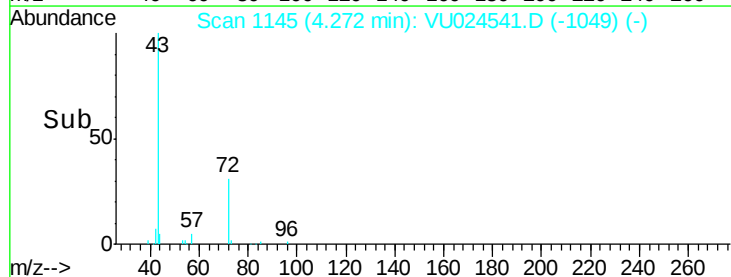
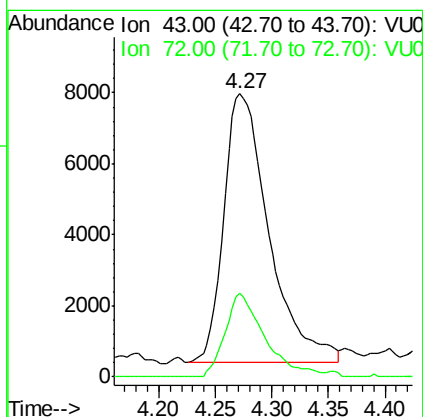
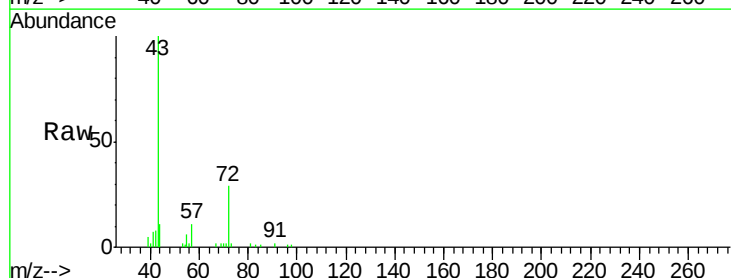
Instrument :
MSVOA_U
ClientSampleId :

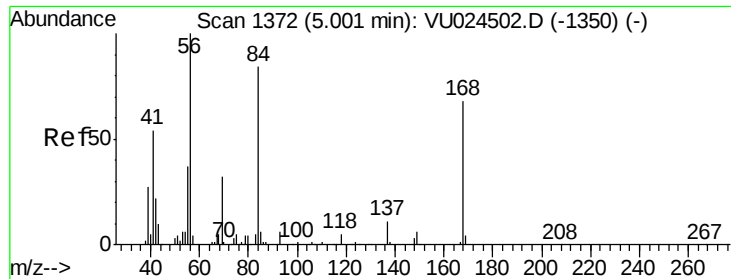
Tot Ion: 43 Resp: 5273
Ion Ratio Lower Upper
43 100
74 0.0 18.0 27.0#



#25
2-Butanone
Concen: 10.057 ug/l
RT: 4.27 min Scan# 1145
Delta R.T. 0.01 min
Lab File: VU024541.D
Acq: 14 Jun 2018 15:43

Tgt Ion: 43 Resp: 21164
Ion Ratio Lower Upper
43 100
72 30.9 19.6 29.4#

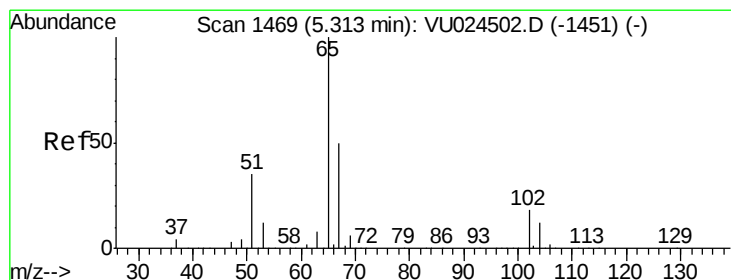
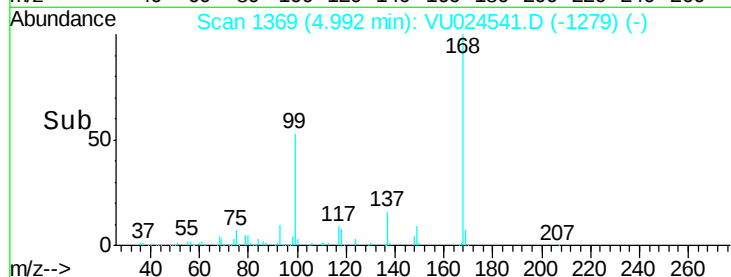
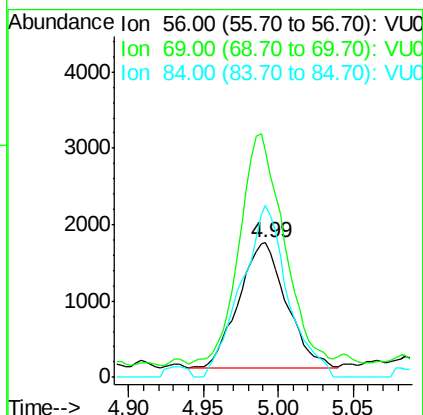
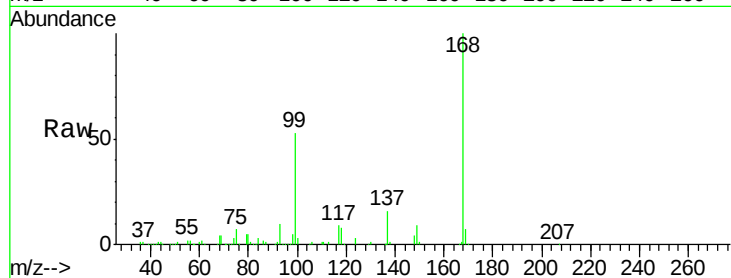




#31
Cyclohexane
Concen: Below Cal
RT: 4.99 min Scan# 1369
Delta R.T. -0.01 min
Lab File: VU024541.D
Acq: 14 Jun 2018 15:43

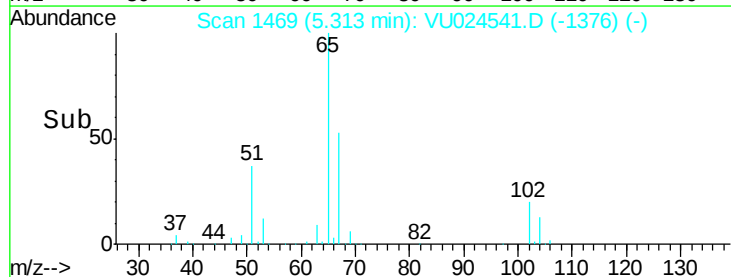
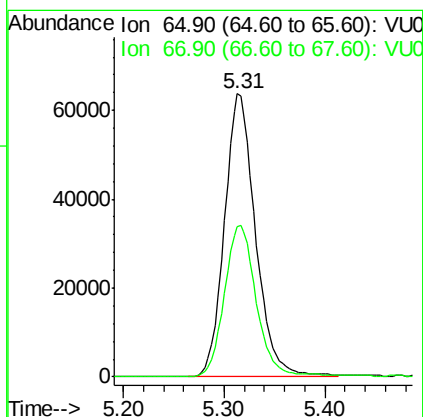
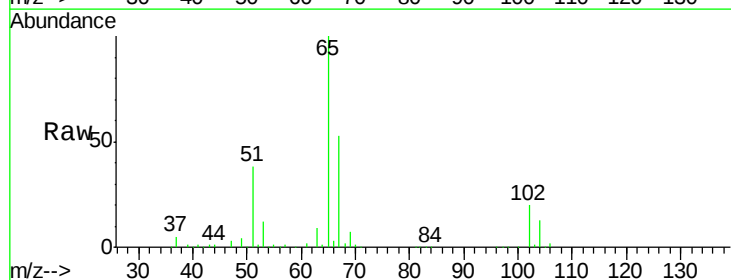
Instrument :
MSVOA_U
ClientSampleId :

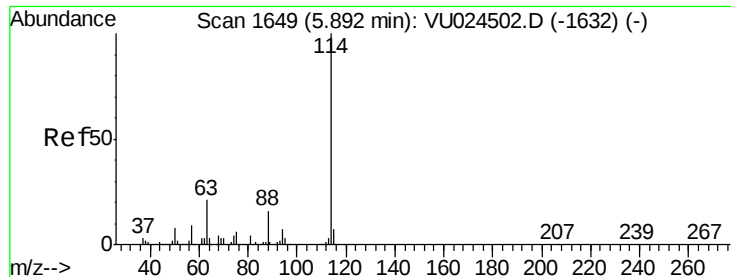
Tot Ion: 56 Resp: 3627
Ion Ratio Lower Upper
56 100
69 170.9 24.8 37.2#
84 137.1 65.2 97.8#



#33
1,2-Dichloroethane-d4
Concen: 46.850 ug/l
RT: 5.31 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VU024541.D
Acq: 14 Jun 2018 15:43

Tgt Ion: 65 Resp: 136604
Ion Ratio Lower Upper
65 100
67 54.6 0.0 107.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1649

Delta R.T. -0.00 min

Lab File: VU024541.D

Acq: 14 Jun 2018 15:43

Instrument :

MSVOA_U

ClientSampleId :

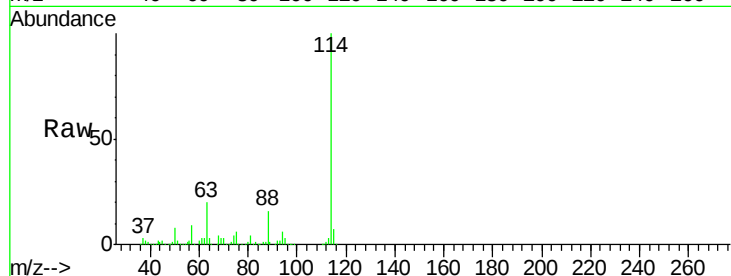
Tot Ion:114 Resp: 301866

Ion Ratio Lower Upper

114 100

63 20.5 0.0 45.4

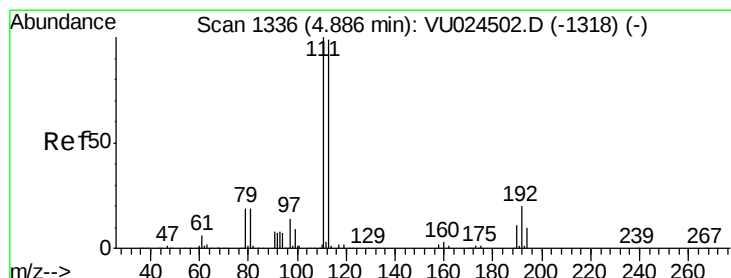
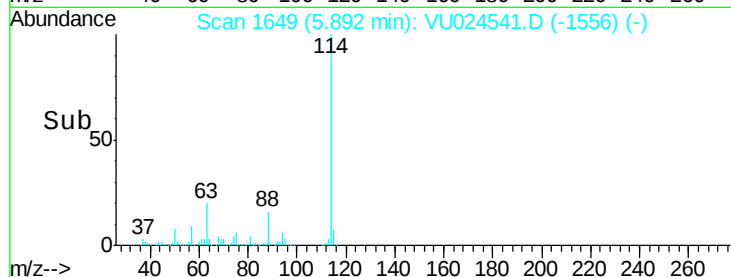
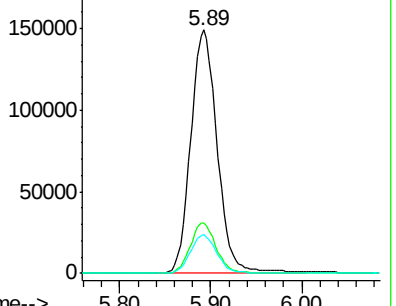
88 15.7 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0



#35

Dibromofluoromethane

Concen: 48.511 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU024541.D

Acq: 14 Jun 2018 15:43

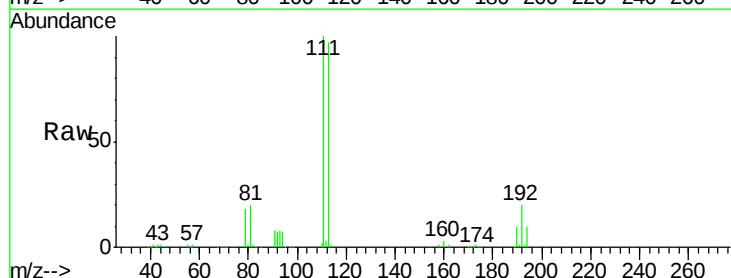
Tgt Ion:113 Resp: 121533

Ion Ratio Lower Upper

113 100

111 102.7 82.2 123.4

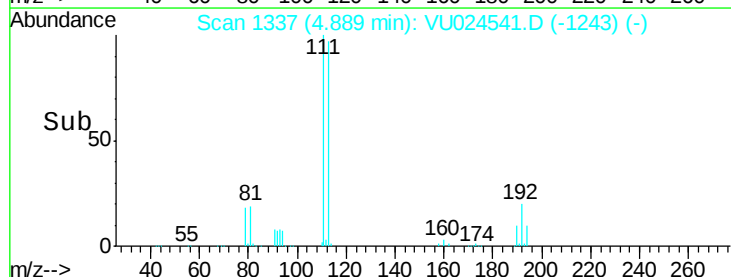
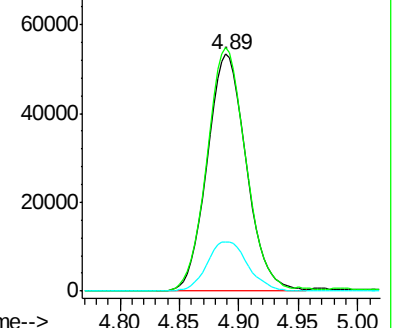
192 21.9 16.2 24.4

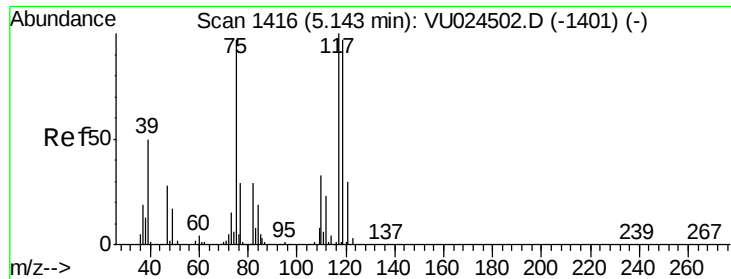


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 3.519 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.15 min

Lab File: VU024541.D

Acq: 14 Jun 2018 15:43

Instrument :
MSVOA_U
ClientSampleId :

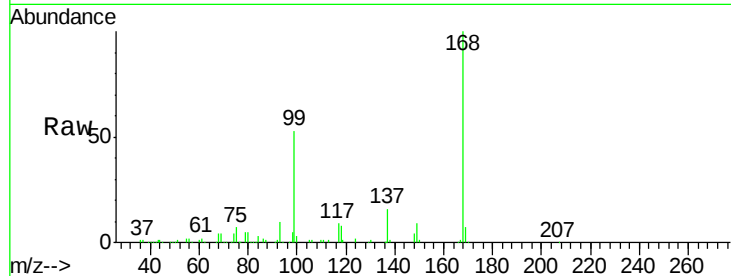
Tot Ion: 75 Resp: 12483

Ion Ratio Lower Upper

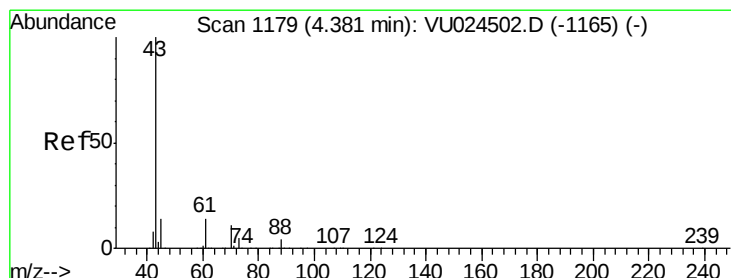
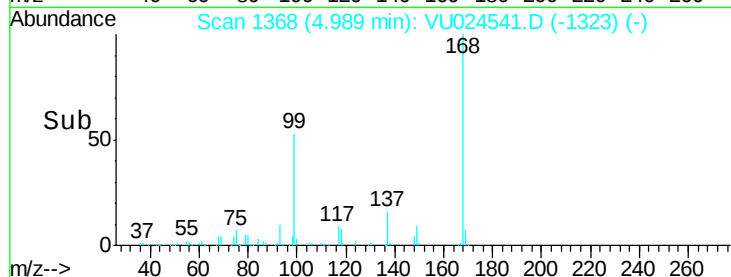
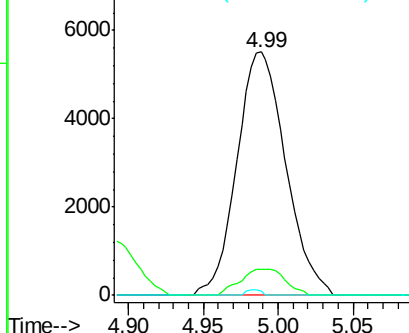
75 100

110 10.0 17.0 50.9#

77 0.7 24.2 36.4#



Abundance Ion 74.90 (74.60 to 75.60): VU0
Ion 109.90 (109.60 to 110.60): VU0
Ion 76.90 (76.60 to 77.60): VU0



#37

Ethyl Acetate

Concen: 5.474 ug/l

RT: 4.27 min Scan# 1145

Delta R.T. -0.11 min

Lab File: VU024541.D

Acq: 14 Jun 2018 15:43

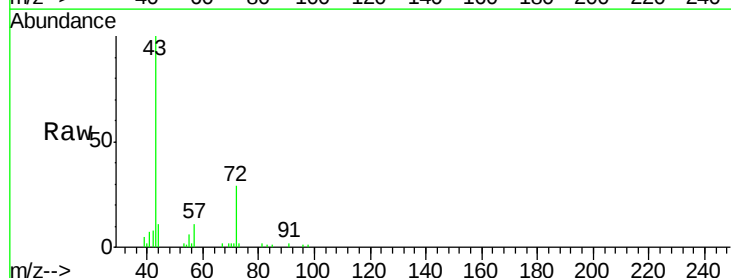
Tgt Ion: 43 Resp: 21164

Ion Ratio Lower Upper

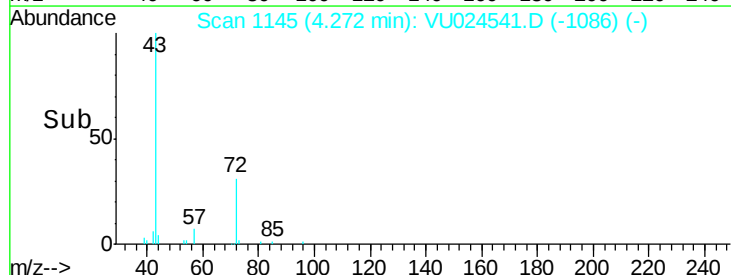
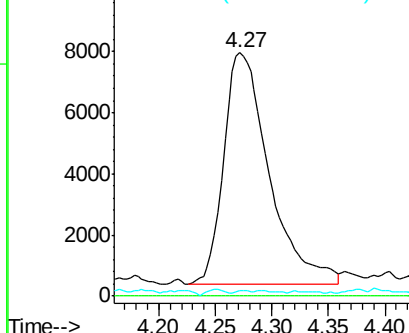
43 100

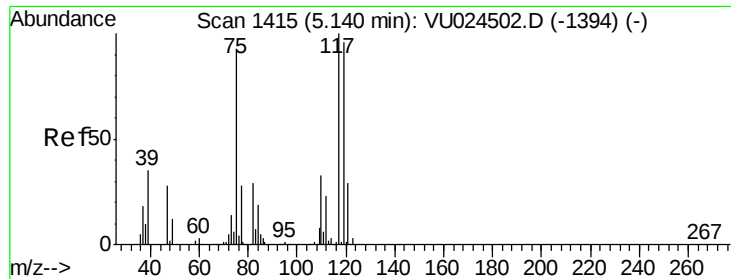
61 0.0 10.5 15.7#

70 0.3 7.4 11.2#



Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 60.90 (60.60 to 61.60): VU0
Ion 70.00 (69.70 to 70.70): VU0





#38

Carbon Tetrachloride

Concen: 4.315 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.15 min

Lab File: VU024541.D

Acq: 14 Jun 2018 15:43

Instrument :

MSVOA_U

ClientSampleId :

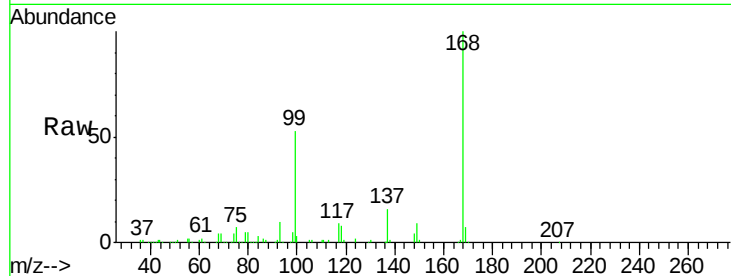
Tot Ion:117 Resp: 16830

Ion Ratio Lower Upper

117 100

119 5.4 76.1 114.1#

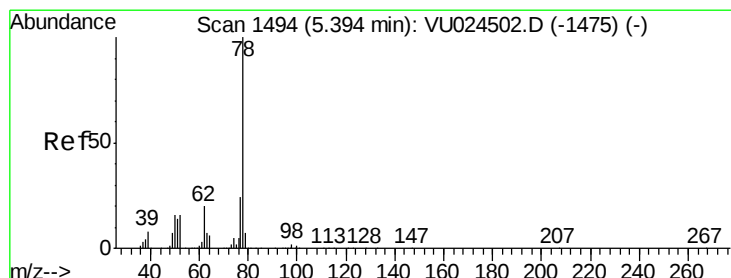
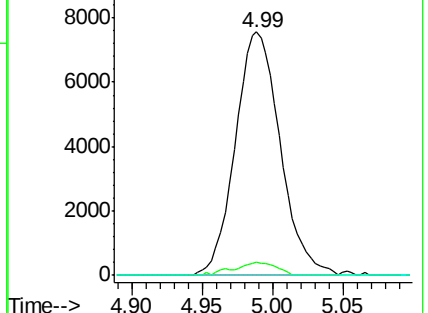
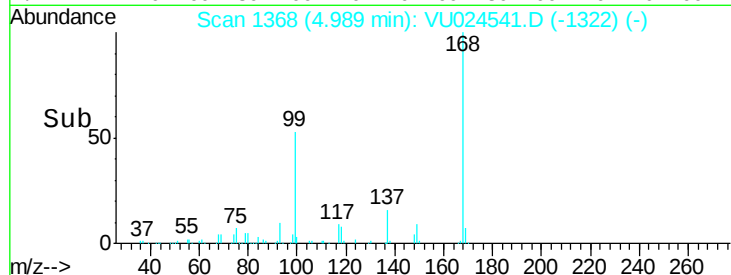
121 0.0 23.7 35.5#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#40

Benzene

Concen: 1.033 ug/l

RT: 5.40 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VU024541.D

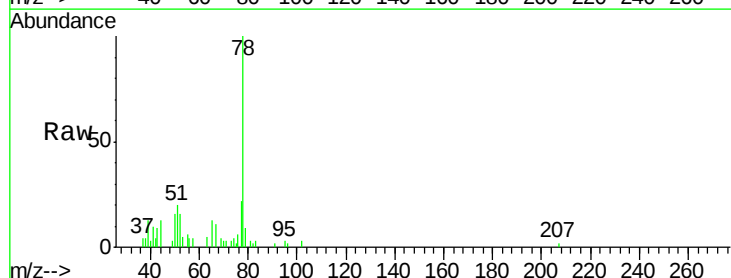
Acq: 14 Jun 2018 15:43

Tgt Ion: 78 Resp: 10438

Ion Ratio Lower Upper

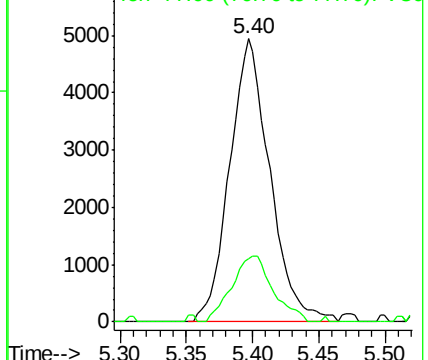
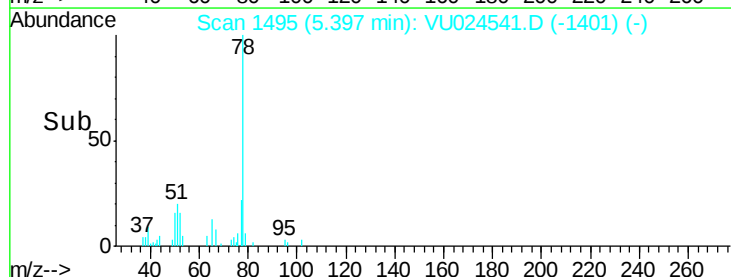
78 100

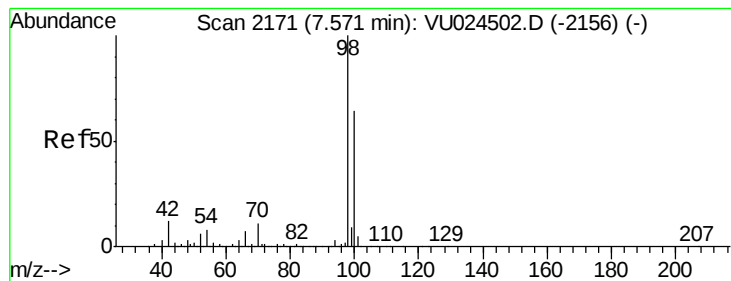
77 22.3 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#50

Toluene-d8

Concen: 49.391 ug/l

RT: 7.57 min Scan# 2171

Delta R.T. -0.00 min

Lab File: VU024541.D

Acq: 14 Jun 2018 15:43

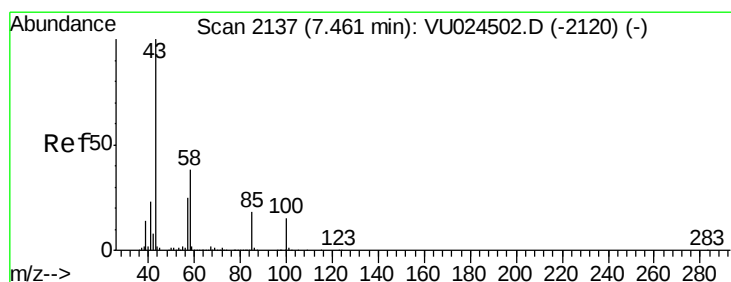
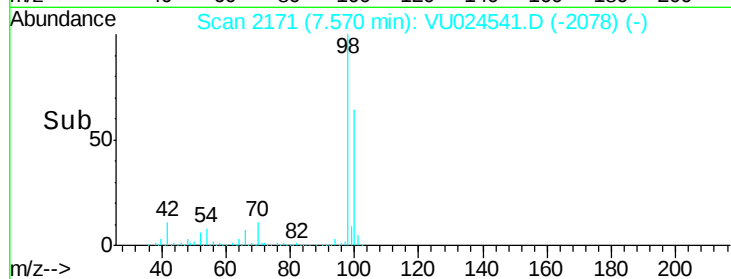
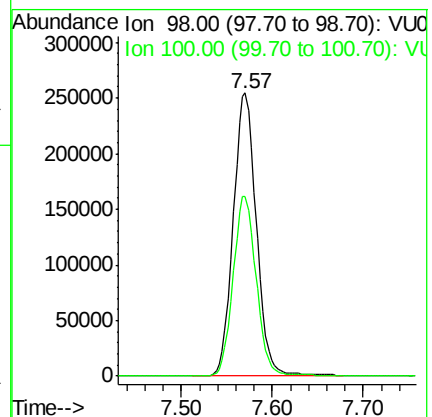
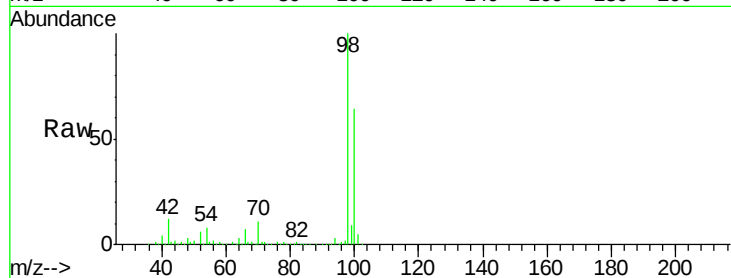
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 98 Resp: 451344

Ion Ratio Lower Upper

98 100

100 63.8 51.1 76.7



#51

4-Methyl-2-Pentanone

Concen: 1.640 ug/l

RT: 7.46 min Scan# 2138

Delta R.T. 0.00 min

Lab File: VU024541.D

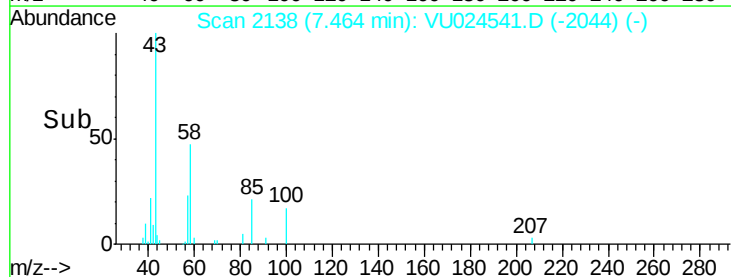
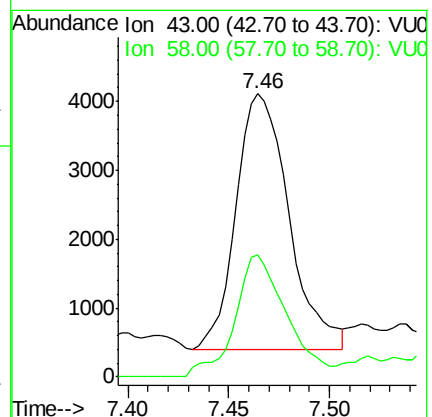
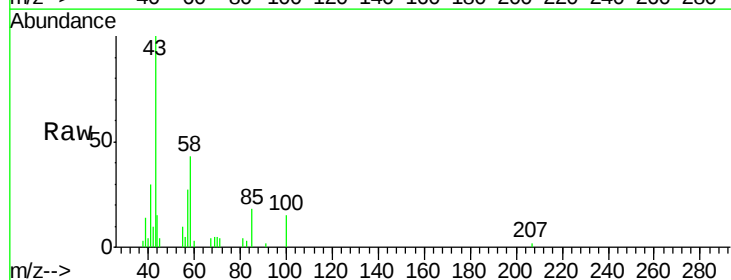
Acq: 14 Jun 2018 15:43

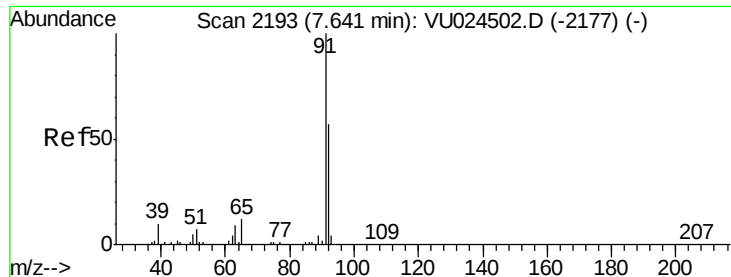
Tgt Ion: 43 Resp: 6886

Ion Ratio Lower Upper

43 100

58 46.1 30.0 45.0#





#52

Toluene

Concen: 12.648 ug/l

RT: 7.64 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VU024541.D

Acq: 14 Jun 2018 15:43

Instrument :

MSVOA_U

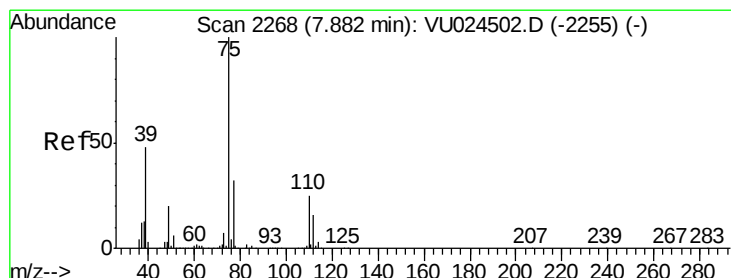
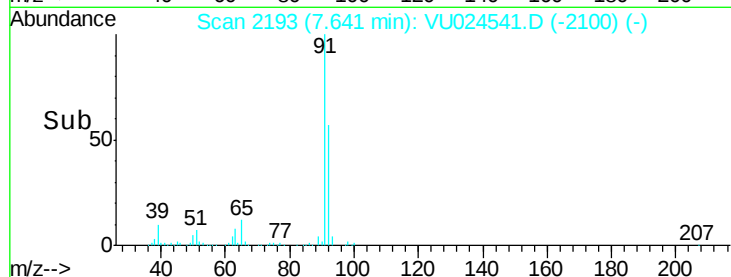
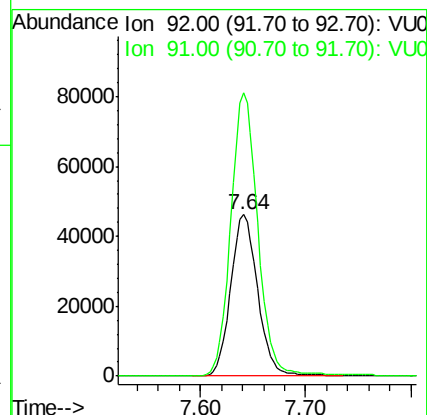
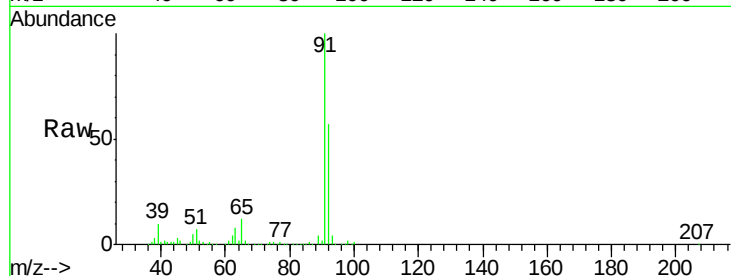
ClientSampleId :

Tot Ion: 92 Resp: 82245

Ion Ratio Lower Upper

92 100

91 173.1 140.5 210.7



#53

t-1,3-Dichloropropene

Concen: 0.218 ug/l

RT: 7.64 min Scan# 2193

Delta R.T. -0.24 min

Lab File: VU024541.D

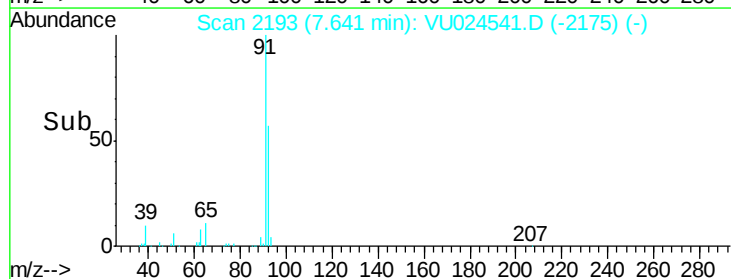
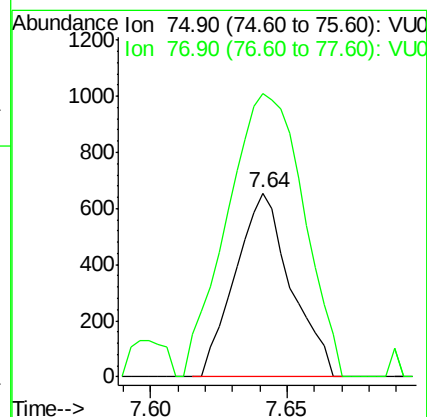
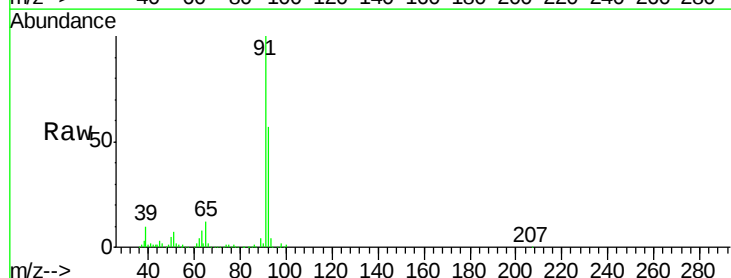
Acq: 14 Jun 2018 15:43

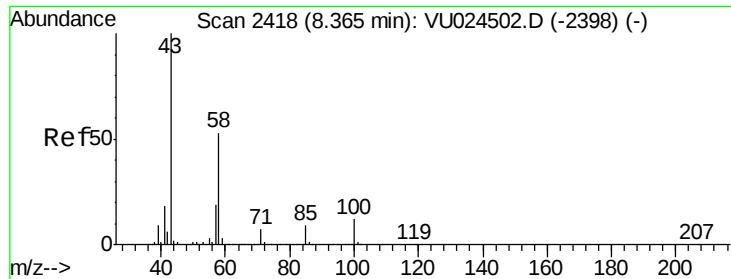
Tgt Ion: 75 Resp: 923

Ion Ratio Lower Upper

75 100

77 154.1 24.8 37.2#

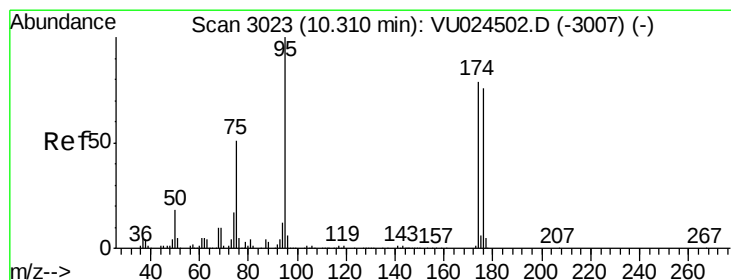
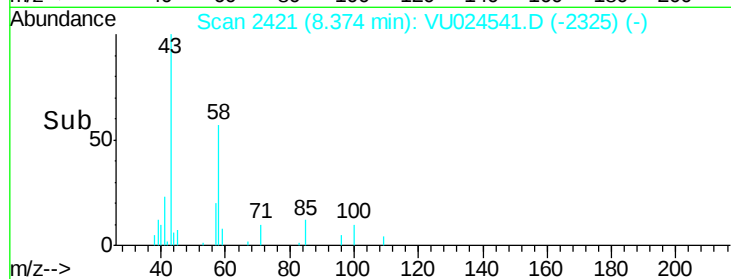
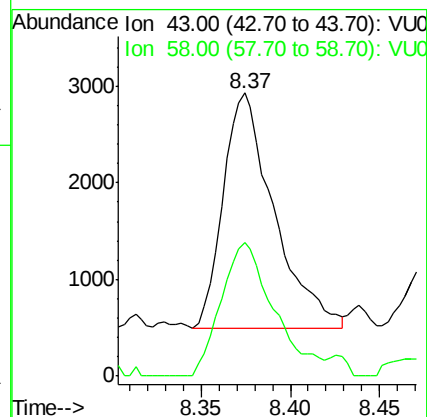
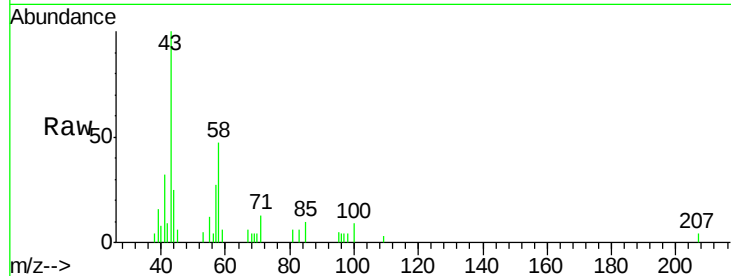




#59
2-Hexanone
Concen: 1.411 ug/l
RT: 8.37 min Scan# 2421
Delta R.T. 0.01 min
Lab File: VU024541.D
Acq: 14 Jun 2018 15:43

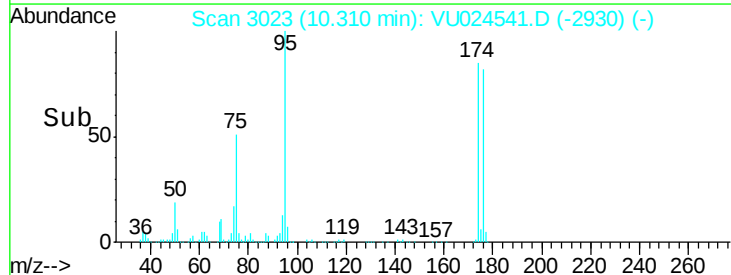
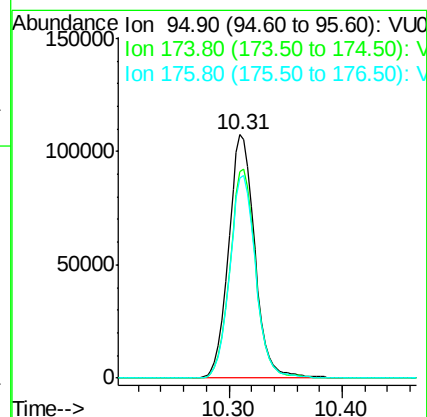
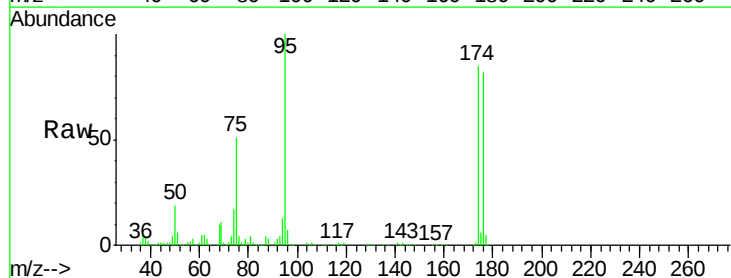
Instrument :
MSVOA_U
ClientSampleId :

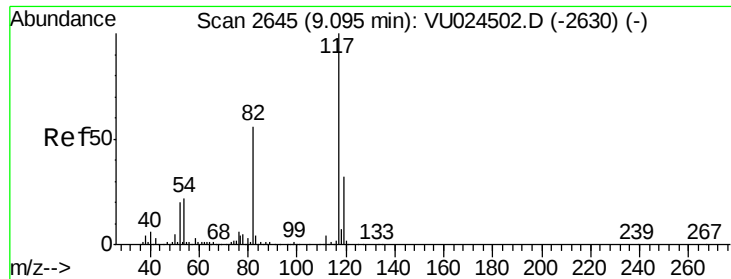
Tot Ion: 43 Resp: 4837
Ion Ratio Lower Upper
43 100
58 59.1 26.4 79.0



#62
4-Bromofluorobenzene
Concen: 47.377 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. -0.00 min
Lab File: VU024541.D
Acq: 14 Jun 2018 15:43

Tgt Ion: 95 Resp: 171893
Ion Ratio Lower Upper
95 100
174 84.9 0.0 165.8
176 82.8 0.0 159.4

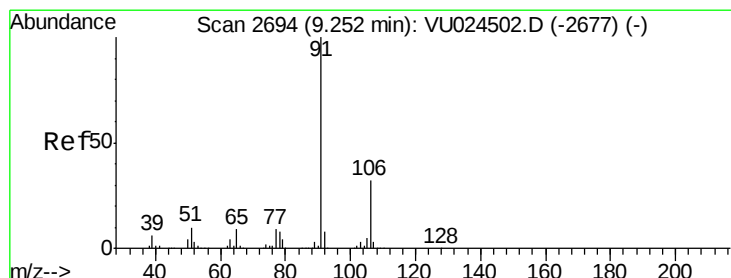
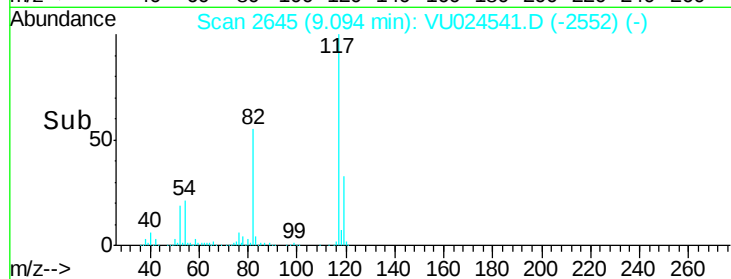
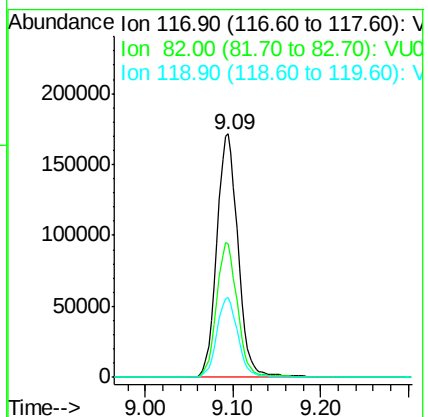
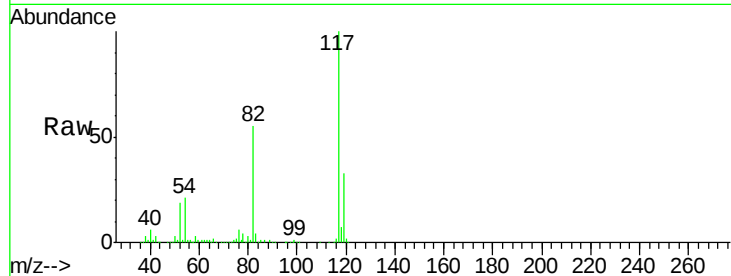




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. -0.00 min
Lab File: VU024541.D
Acq: 14 Jun 2018 15:43

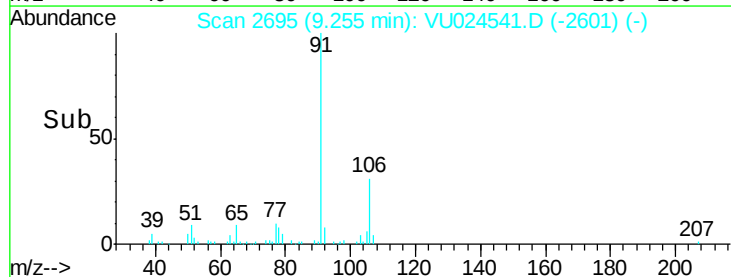
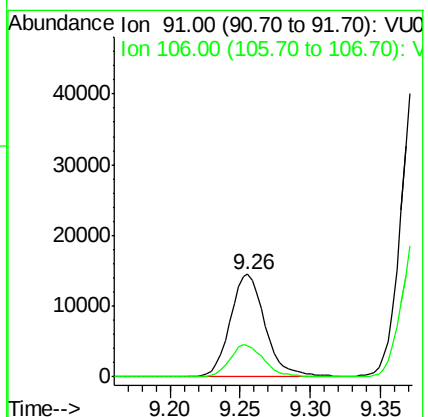
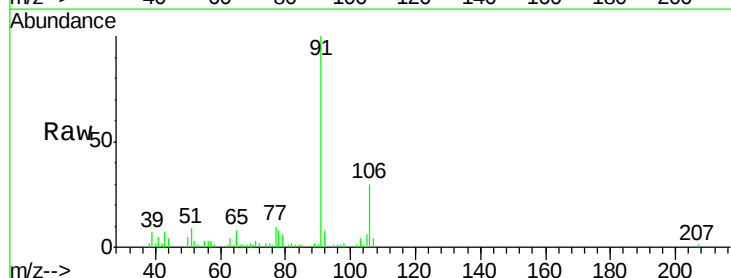
Instrument :
MSVOA_U
ClientSampleId :

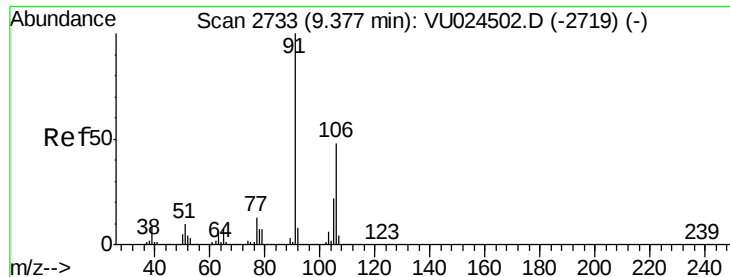
Tot Ion:117 Resp: 289536
Ion Ratio Lower Upper
117 100
82 54.7 44.3 66.5
119 32.7 25.4 38.2



#67
Ethyl Benzene
Concen: 1.941 ug/l
RT: 9.26 min Scan# 2695
Delta R.T. 0.00 min
Lab File: VU024541.D
Acq: 14 Jun 2018 15:43

Tgt Ion: 91 Resp: 25174
Ion Ratio Lower Upper
91 100
106 30.4 24.2 36.4

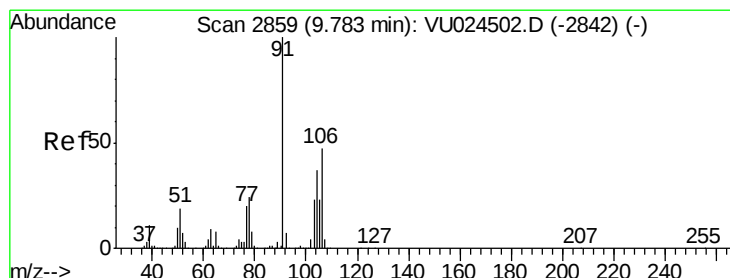
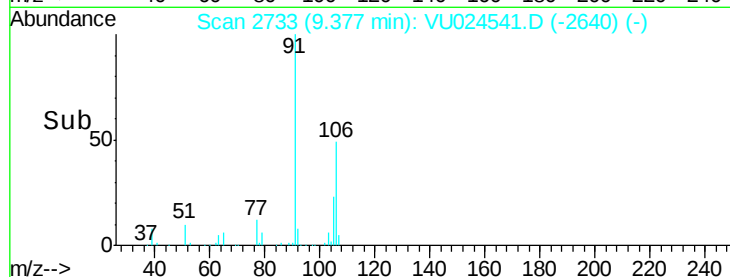
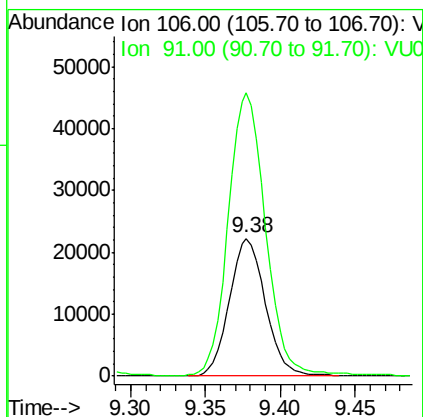
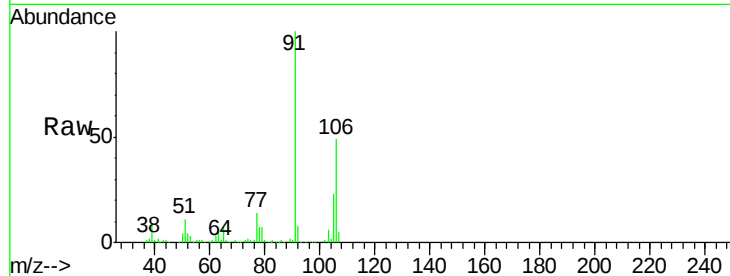




#68
m/p-Xylenes
Concen: 7.514 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. -0.00 min
Lab File: VU024541.D
Acq: 14 Jun 2018 15:43

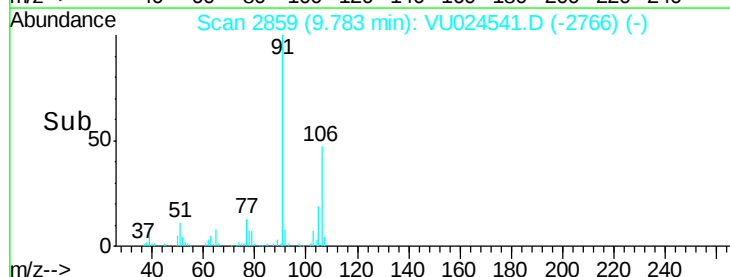
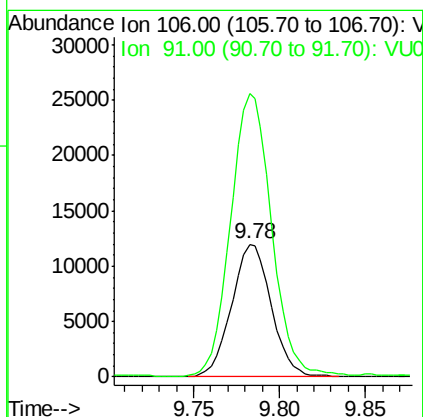
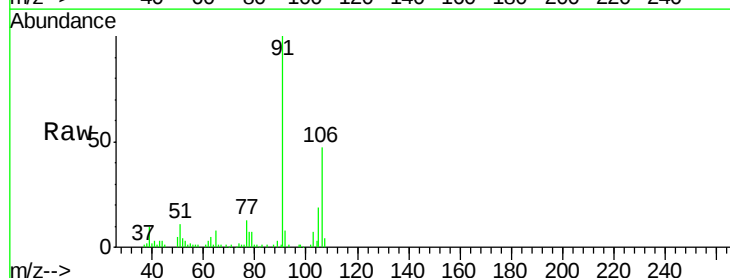
Instrument :
MSVOA_U
ClientSampleId :

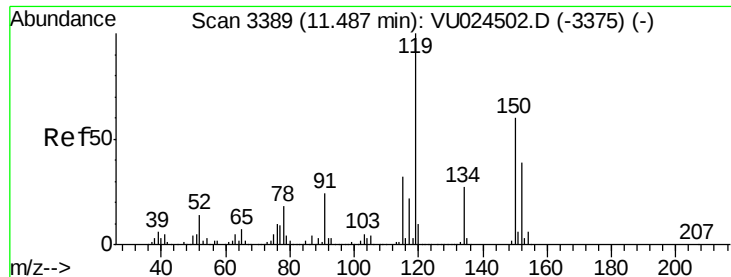
Tot Ion:106 Resp: 37416
Ion Ratio Lower Upper
106 100
91 211.3 166.5 249.7



#69
o-Xylene
Concen: 3.890 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. -0.00 min
Lab File: VU024541.D
Acq: 14 Jun 2018 15:43

Tgt Ion:106 Resp: 19167
Ion Ratio Lower Upper
106 100
91 221.7 110.7 331.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VU024541.D

Acq: 14 Jun 2018 15:43

Instrument :

MSVOA_U

ClientSampleId :

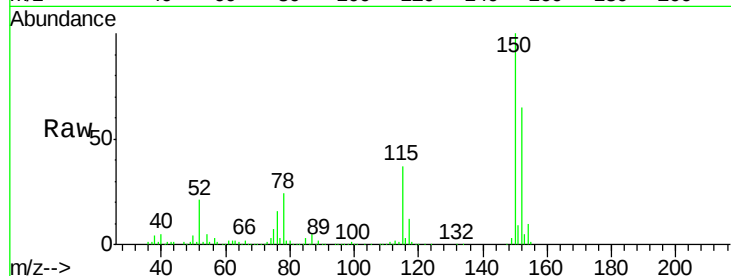
Tot Ion:152 Resp: 173414

Ion Ratio Lower Upper

152 100

115 57.5 43.0 129.0

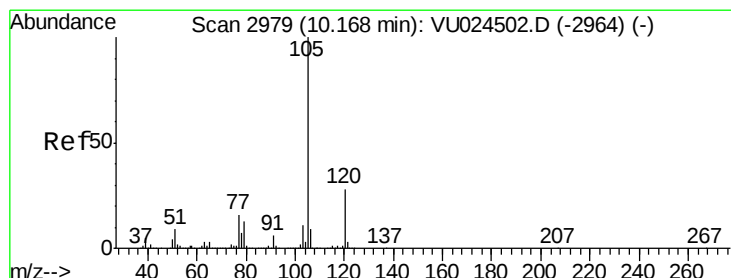
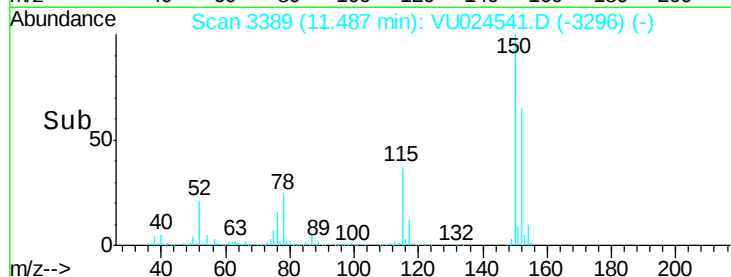
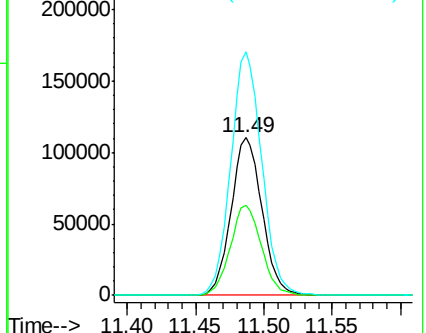
150 155.4 0.0 354.0



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: 0.220 ug/l

RT: 10.17 min Scan# 2980

Delta R.T. 0.00 min

Lab File: VU024541.D

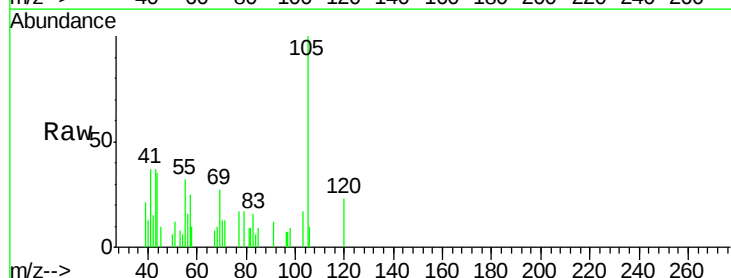
Acq: 14 Jun 2018 15:43

Tgt Ion:105 Resp: 2927

Ion Ratio Lower Upper

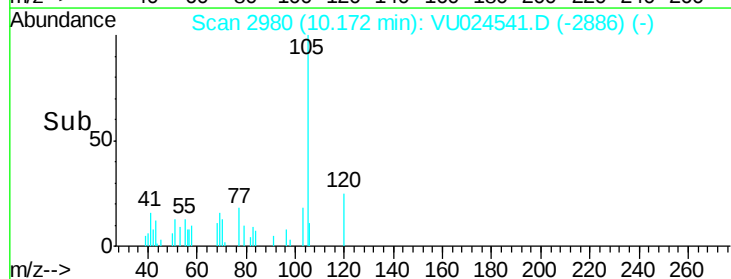
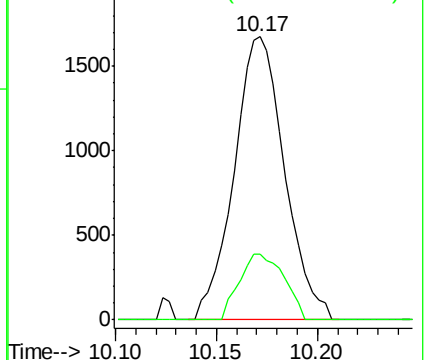
105 100

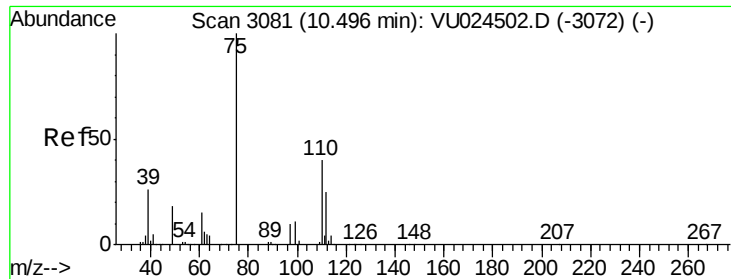
120 20.7 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#76

1,2,3-Trichloropropane

Concen: 22.578 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.19 min

Lab File: VU024541.D

Acq: 14 Jun 2018 15:43

Instrument :

MSVOA_U

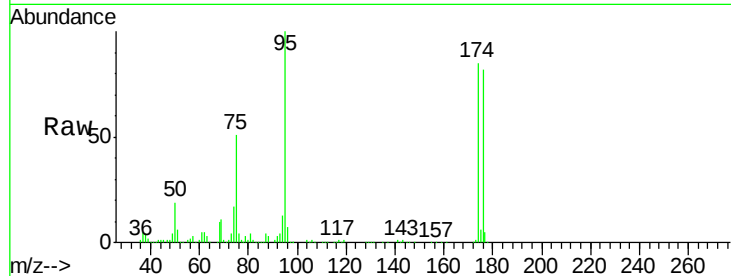
ClientSampled :

Tot Ion: 75 Resp: 86201

Ion Ratio Lower Upper

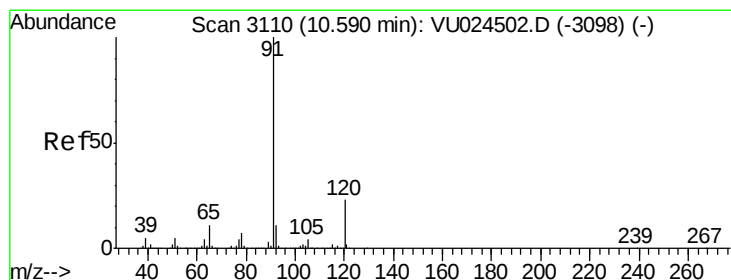
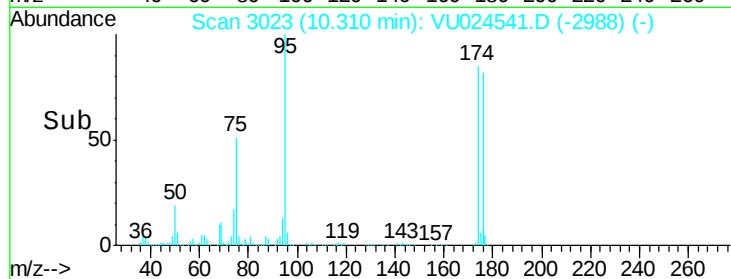
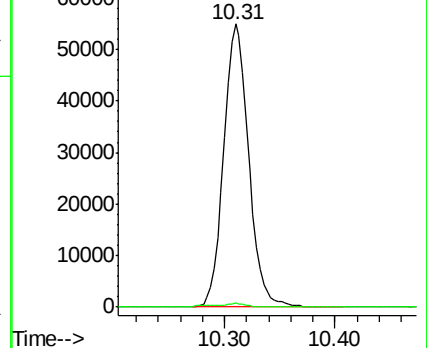
75 100

77 1.4 20.9 62.7#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0



#78

n-propylbenzene

Concen: 0.699 ug/l

RT: 10.59 min Scan# 3111

Delta R.T. 0.00 min

Lab File: VU024541.D

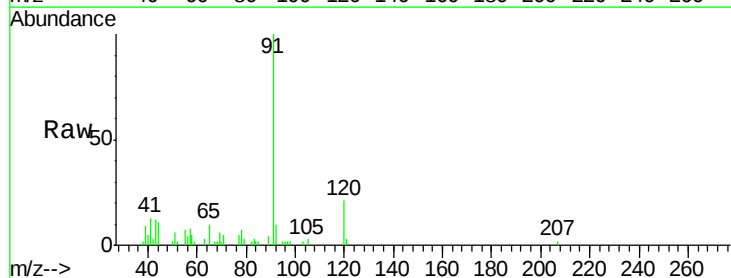
Acq: 14 Jun 2018 15:43

Tgt Ion: 91 Resp: 10966

Ion Ratio Lower Upper

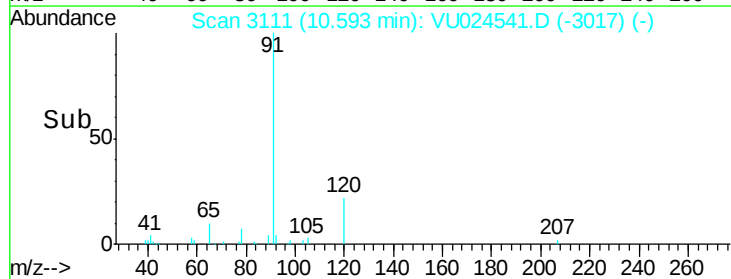
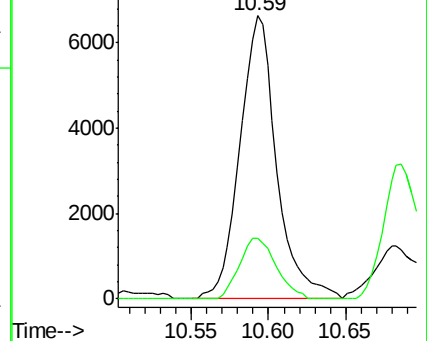
91 100

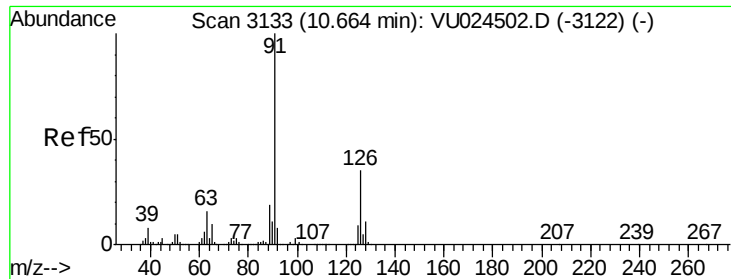
120 21.4 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 0.368 ug/l

RT: 10.68 min Scan# 3138

Delta R.T. 0.02 min

Lab File: VU024541.D

Acq: 14 Jun 2018 15:43

Instrument :

MSVOA_U

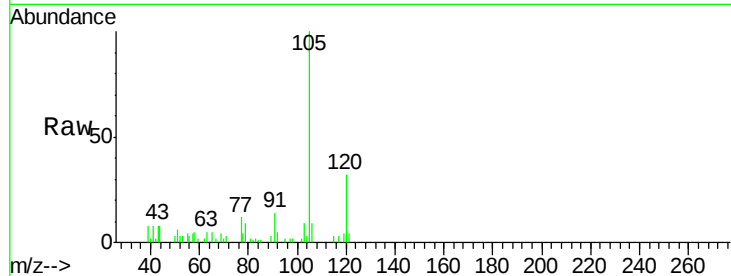
ClientSampled :

Tot Ion: 91 Resp: 3408

Ion Ratio Lower Upper

91 100

126 0.0 16.9 50.7#



Abundance Ion 91.00 (90.70 to 91.70): VU024502.D (-3122) (-)

Ion 125.90 (125.60 to 126.60): VU024502.D (-3122) (-)

6000

5000

4000

3000

2000

1000

0

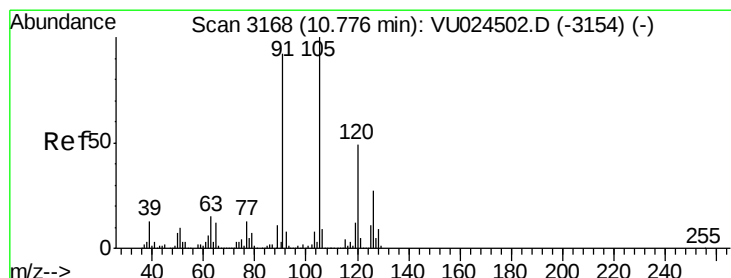
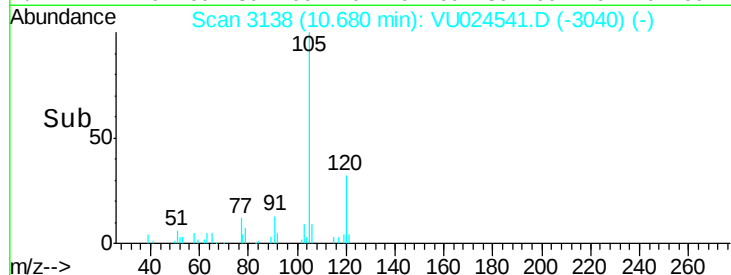
10.60

10.65

10.70

10.75

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 0.626 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. -0.00 min

Lab File: VU024541.D

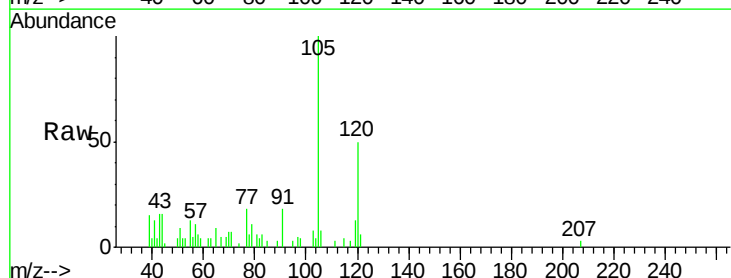
Acq: 14 Jun 2018 15:43

Tgt Ion: 105 Resp: 7224

Ion Ratio Lower Upper

105 100

120 42.6 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): VU024502.D (-3154) (-)

Ion 120.00 (119.70 to 120.70): VU024502.D (-3154) (-)

6000

5000

4000

3000

2000

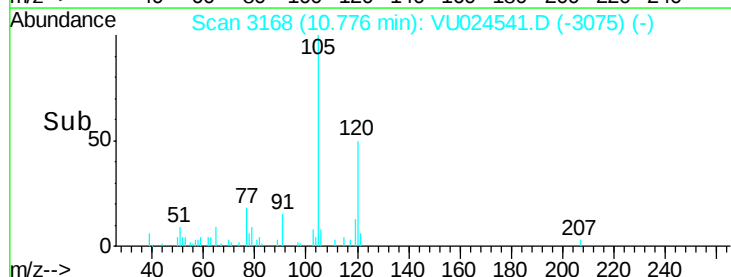
1000

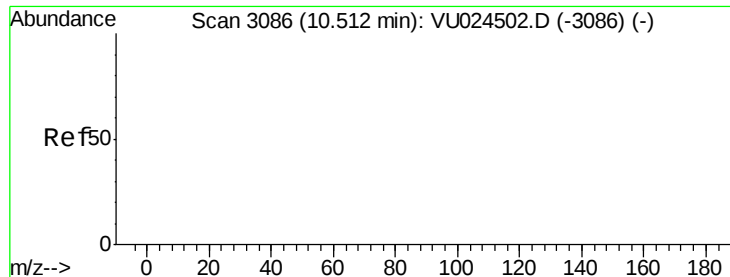
0

10.75

10.80

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 52.255 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.20 min

Lab File: VU024541.D

Acq: 14 Jun 2018 15:43

Instrument :

MSVOA_U

ClientSampleId :

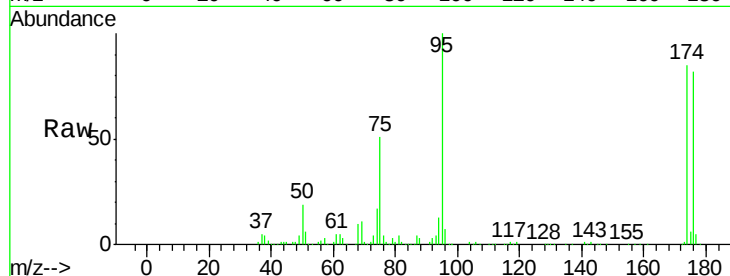
Tot Ion: 75 Resp: 86201

Ion Ratio Lower Upper

75 100

53 0.2 0.0 0.0#

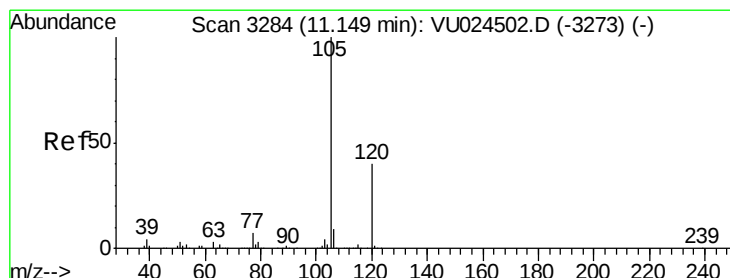
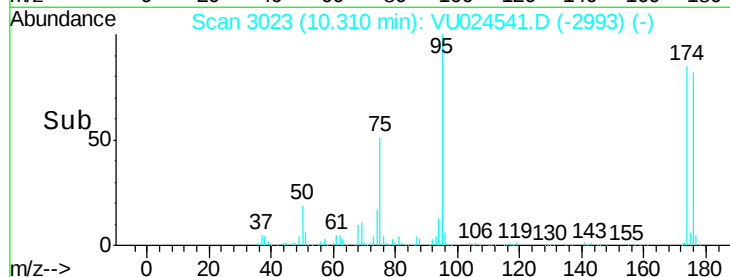
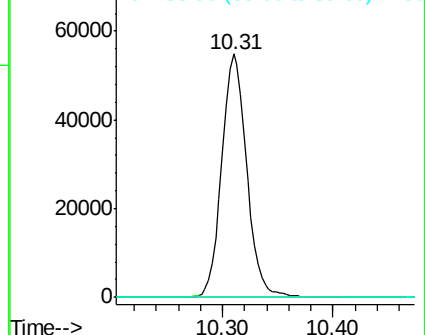
89 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VU024502.D (-3086) (-)

Ion 53.00 (52.70 to 53.70): VU024502.D (-3086) (-)

Ion 88.90 (88.60 to 89.60): VU024502.D (-3086) (-)



#84

1,2,4-Trimethylbenzene

Concen: 2.160 ug/l

RT: 11.15 min Scan# 3285

Delta R.T. 0.00 min

Lab File: VU024541.D

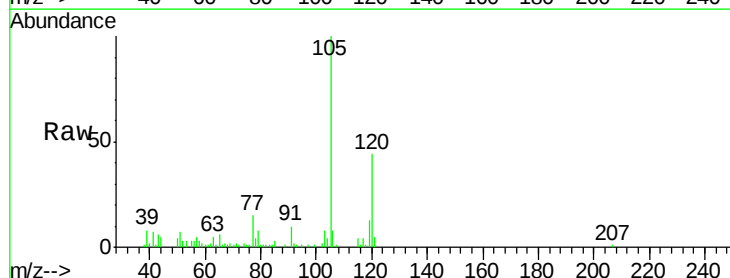
Acq: 14 Jun 2018 15:43

Tgt Ion:105 Resp: 25406

Ion Ratio Lower Upper

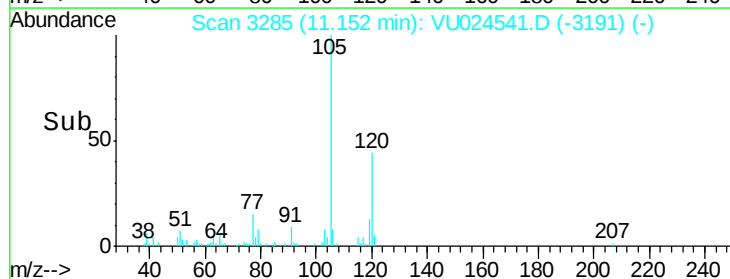
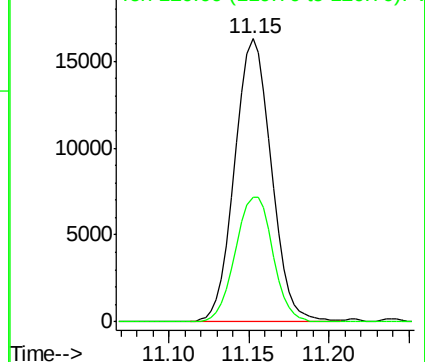
105 100

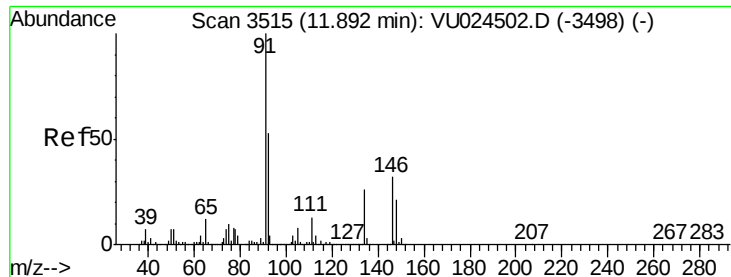
120 45.0 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): VU024502.D (-3273) (-)

Ion 120.00 (119.70 to 120.70): VU024502.D (-3273) (-)





#89

n-Butylbenzene

Concen: 0.299 ug/l

RT: 11.90 min Scan# 3516

Delta R.T. 0.00 min

Lab File: VU024541.D

Acq: 14 Jun 2018 15:43

Instrument :

MSVOA_U

ClientSampleId :

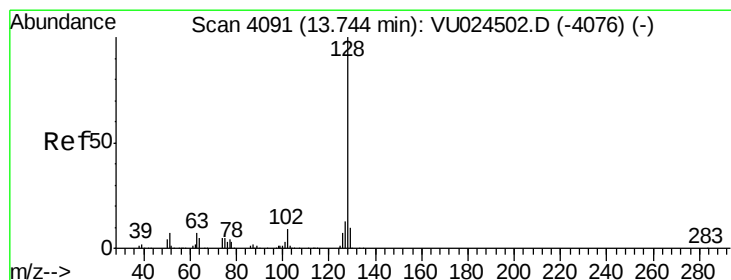
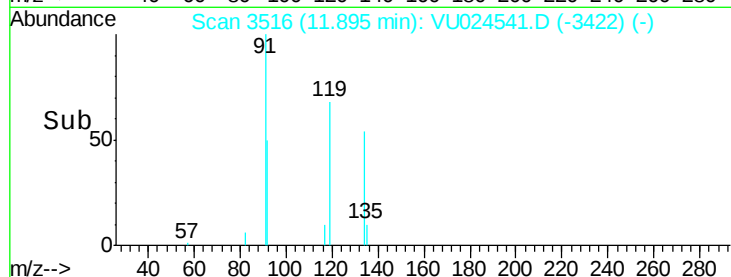
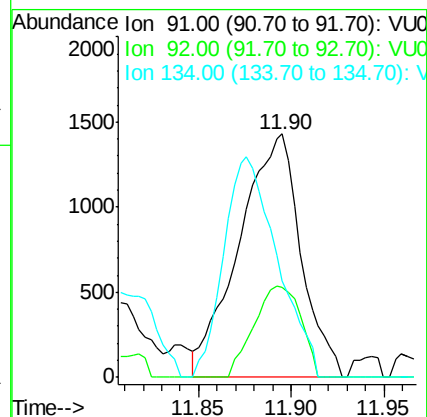
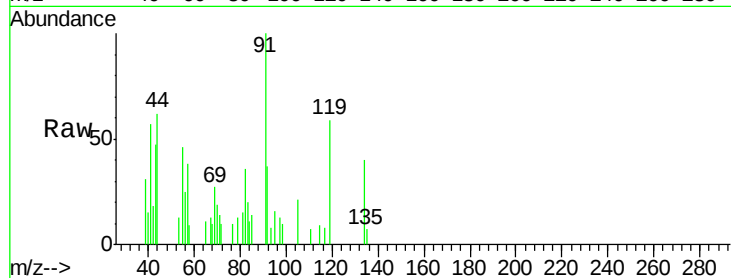
Tot Ion: 91 Resp: 3306

Ion Ratio Lower Upper

91 100

92 28.3 25.6 76.8

134 78.2 12.3 36.8#



#95

Naphthalene

Concen: 1.262 ug/l

RT: 13.75 min Scan# 4092

Delta R.T. 0.00 min

Lab File: VU024541.D

Acq: 14 Jun 2018 15:43

Tgt Ion: 128 Resp: 7527

Ion Ratio Lower Upper

128 100

127 11.6 10.6 16.0

129 14.5 8.6 12.8#

