

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070218\
 Data File : VU025153.D
 Acq On : 02 Jul 2018 19:16
 Operator : MD/SY
 Sample : J3245-18
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CL-01-062918-A

Quant Time: Jul 03 03:01:50 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

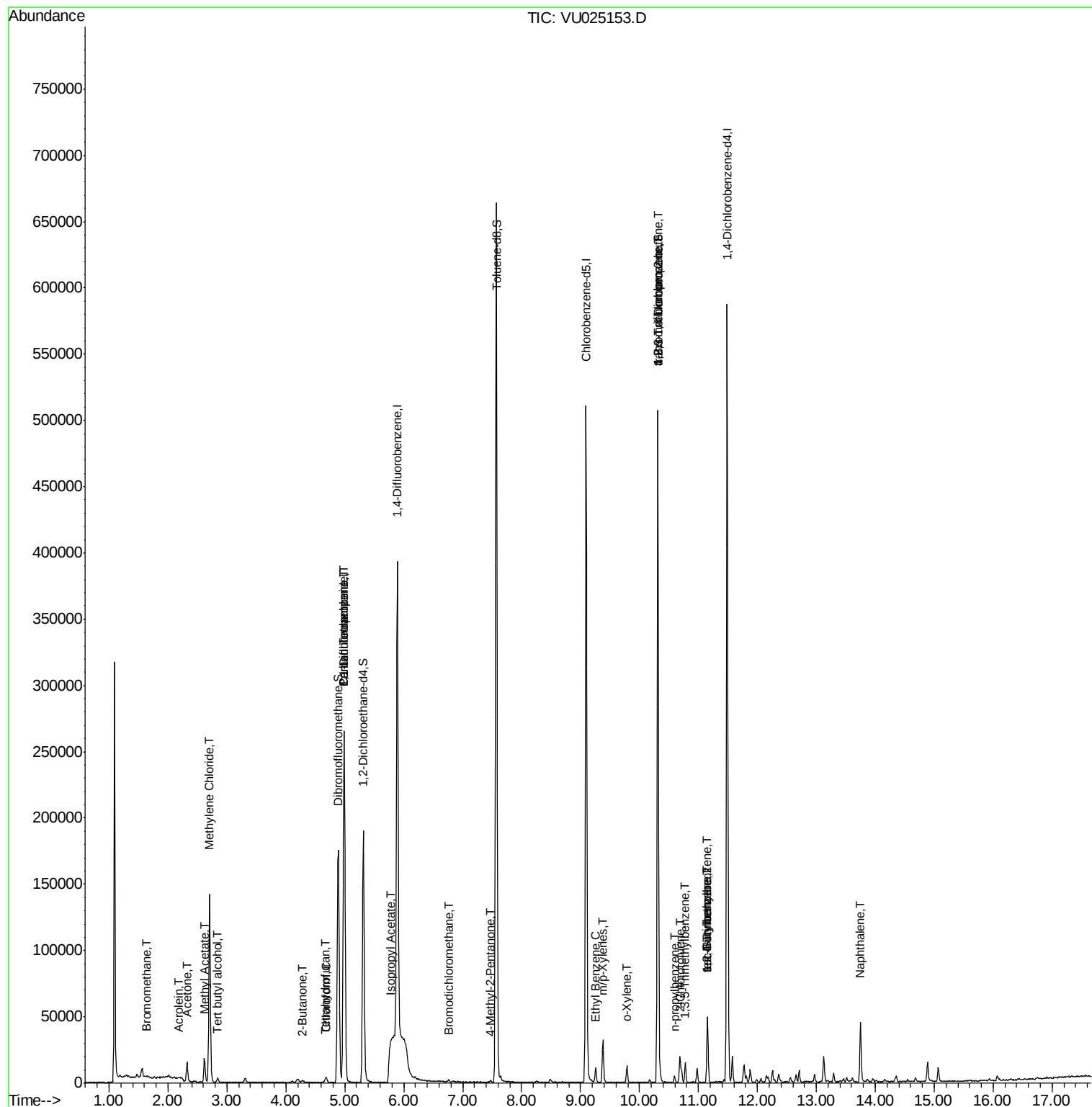
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	202210	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	305255	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	283784	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	152006	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	153903	46.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.24%	
35) Dibromofluoromethane	4.89	113	118345	46.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.42%	
50) Toluene-d8	7.57	98	438897	47.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.00%	
62) 4-Bromofluorobenzene	10.31	95	165095	45.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.00%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.63	94	408	0.316	ug/l #	66
6) Chloroethane	1.67	64	91	Below Cal	#	43
8) Diethyl Ether	2.11	74	73	Below Cal	#	1
11) Tert butyl alcohol	2.84	59	1975	2.460	ug/l #	72
13) Acrolein	2.19	56	145	0.344	ug/l	87
16) Acetone	2.32	43	15850	8.936	ug/l	95
18) Methyl Acetate	2.62	43	20951	5.510	ug/l	96
20) Methylene Chloride	2.70	84	63418	22.787	ug/l	97
25) 2-Butanone	4.28	43	2824	1.185	ug/l	92
29) Tetrahydrofuran	4.65	42	911	0.617	ug/l #	55
30) Chloroform	4.68	83	3696	0.749	ug/l	92
31) Cyclohexane	4.99	56	4291	Below Cal	#	1
36) 1,1-Dichloropropene	4.99	75	15126	4.217	ug/l #	51
38) Carbon Tetrachloride	4.99	117	19512	4.947	ug/l #	16
43) Isopropyl Acetate	5.78	43	23775	3.518	ug/l #	64
47) Bromodichloromethane	6.76	83	1432	0.375	ug/l #	92
51) 4-Methyl-2-Pentanone	7.46	43	1213	0.286	ug/l #	60
67) Ethyl Benzene	9.26	91	8608	0.677	ug/l	97
68) m/p-Xylenes	9.38	106	9455	1.937	ug/l	98
69) o-Xylene	9.79	106	3841	0.795	ug/l	85
76) 1,2,3-Trichloropropane	10.31	75	84641	25.291	ug/l #	35
78) n-propylbenzene	10.60	91	4443	0.323	ug/l	98
79) 2-Chlorotoluene	10.69	91	1667	0.206	ug/l #	41
80) 1,3,5-Trimethylbenzene	10.78	105	8189	0.810	ug/l	93
81) trans-1,4-Dichloro-2-buten	10.31	75	84641	58.535	ug/l #	100
83) tert-Butylbenzene	11.15	119	2761	0.284	ug/l #	32
84) 1,2,4-Trimethylbenzene	11.15	105	26982	2.617	ug/l	98
85) sec-Butylbenzene	11.15	105	26982	2.215	ug/l #	57
95) Naphthalene	13.75	128	38407	4.069	ug/l	98

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU070218\
Data File : VU025153.D
Acq On : 02 Jul 2018 19:16
Operator : MD/SY
Sample : J3245-18
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
CL-01-062918-A

Quant Time: Jul 03 03:01:50 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 13 13:55:26 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VU025153.D

Acq: 02 Jul 2018 19:16

Instrument :

MSVOA_U

ClientSampleId :

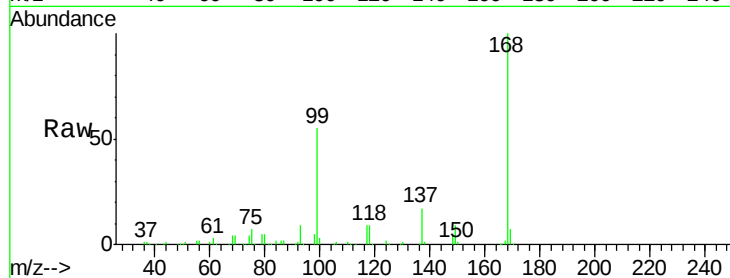
CL-01-062918-A

Tot Ion:168 Resp: 202210

Ion Ratio Lower Upper

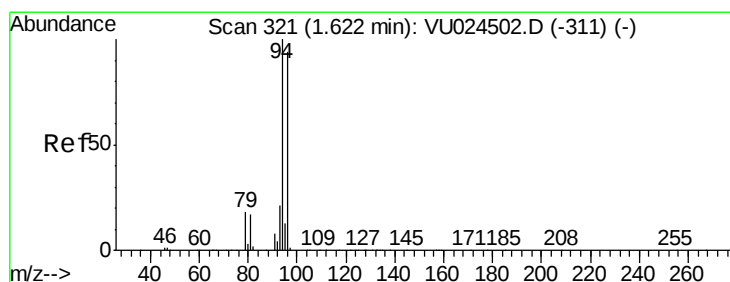
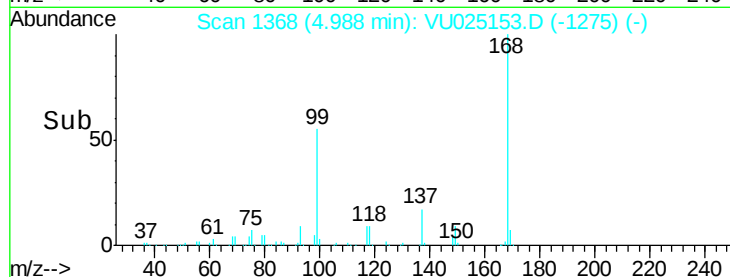
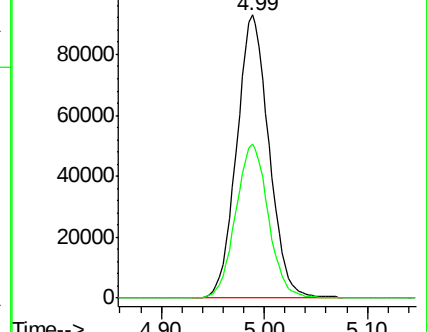
168 100

99 54.5 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) (-)



#5

Bromomethane

Concen: 0.316 ug/l

RT: 1.63 min Scan# 325

Delta R.T. 0.01 min

Lab File: VU025153.D

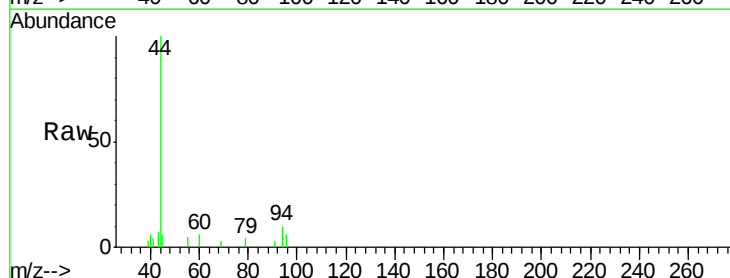
Acq: 02 Jul 2018 19:16

Tgt Ion: 94 Resp: 408

Ion Ratio Lower Upper

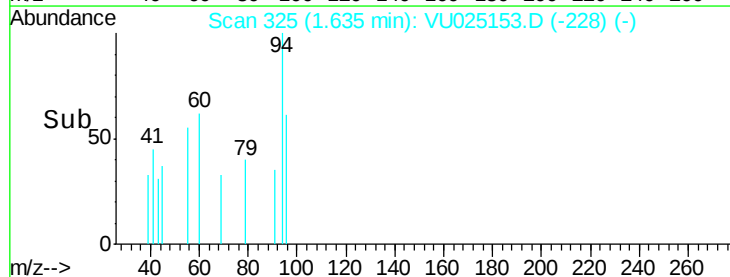
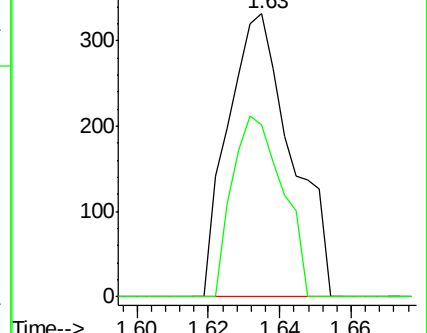
94 100

96 60.5 74.5 111.7#



Abundance Ion 93.90 (93.60 to 94.60): VU024502.D (-311) (-)

Ion 95.90 (95.60 to 96.60): VU024502.D (-311) (-)





#6

Chloroethane

Concen: Below Cal

RT: 1.67 min Scan# 335

Delta R.T. -0.03 min

Lab File: VU025153.D

Acq: 02 Jul 2018 19:16

Instrument :

MSVOA_U

ClientSampleId :

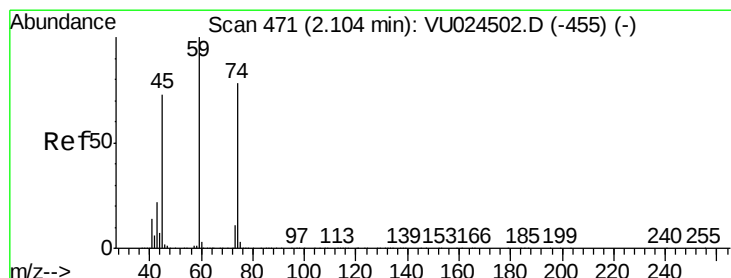
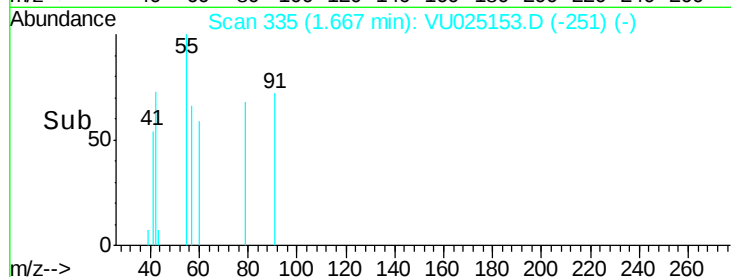
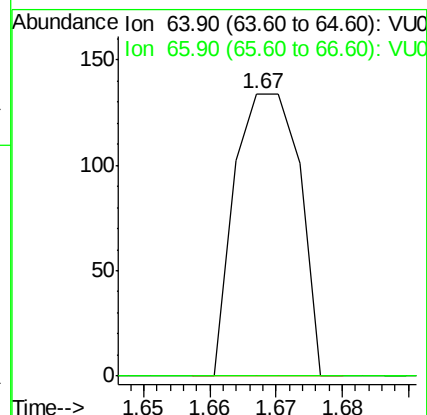
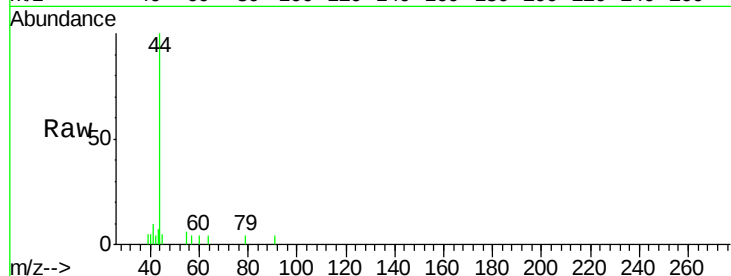
CL-01-062918-A

Tot Ion: 64 Resp: 91

Ion Ratio Lower Upper

64 100

66 0.0 25.5 38.3#



#8

Diethyl Ether

Concen: Below Cal

RT: 2.11 min Scan# 472

Delta R.T. 0.00 min

Lab File: VU025153.D

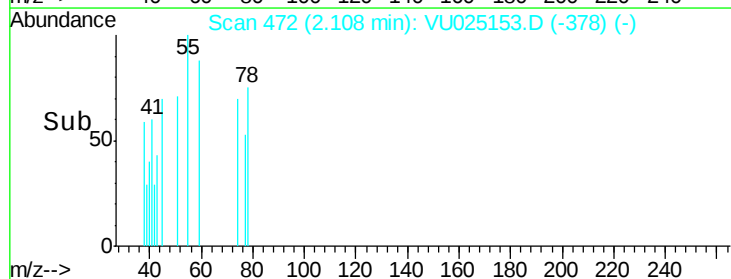
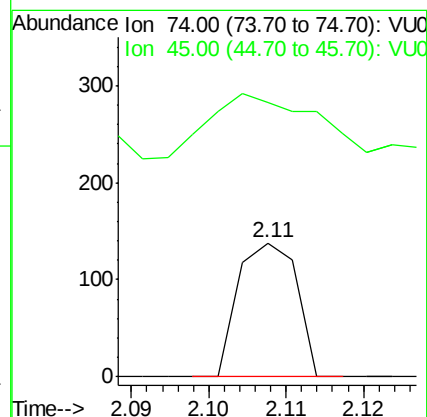
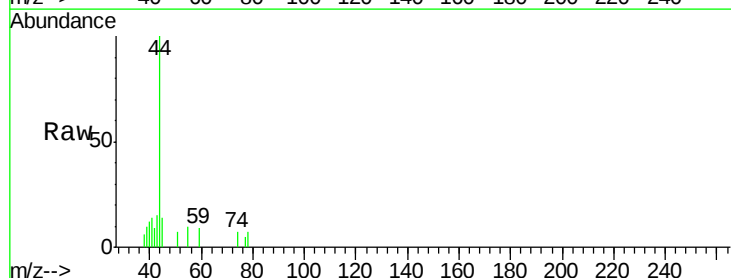
Acq: 02 Jul 2018 19:16

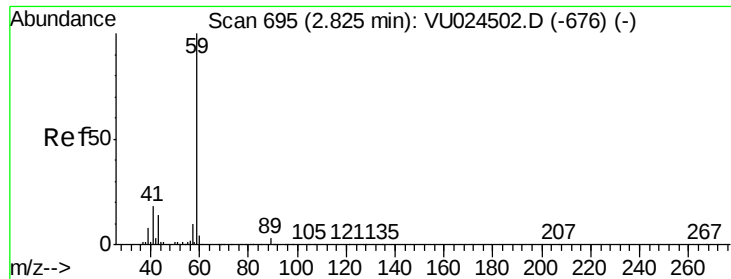
Tgt Ion: 74 Resp: 73

Ion Ratio Lower Upper

74 100

45 272.6 55.0 165.0#

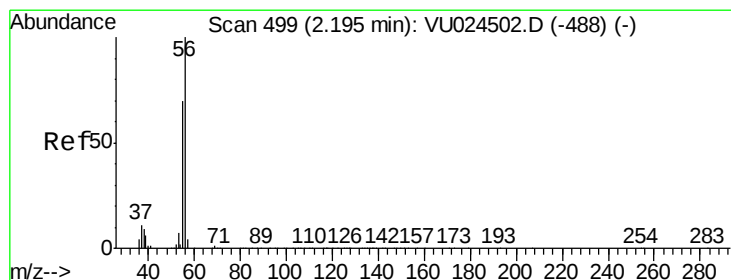
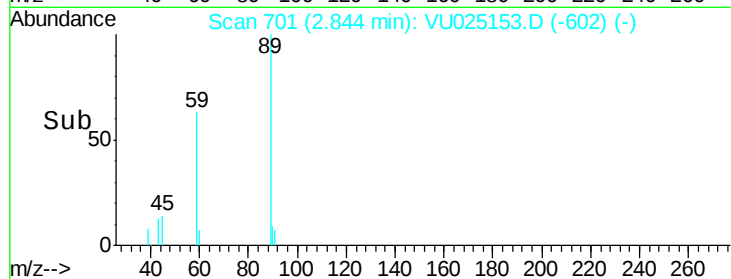
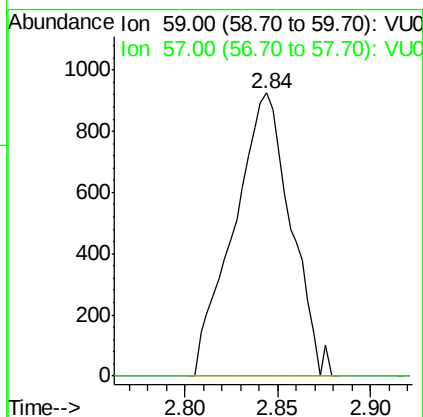
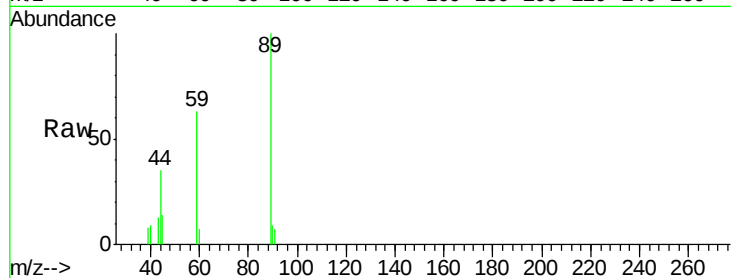




#11
Tert butyl alcohol
Concen: 2.460 ug/l
RT: 2.84 min Scan# 701
Delta R.T. 0.02 min
Lab File: VU025153.D
Acq: 02 Jul 2018 19:16

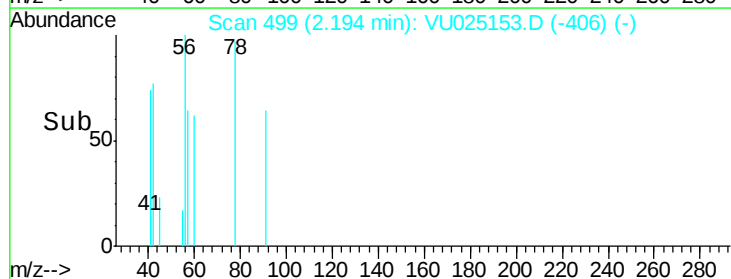
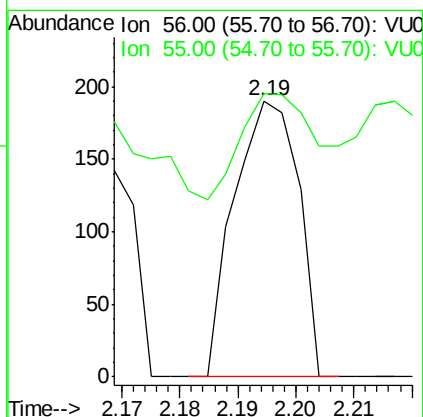
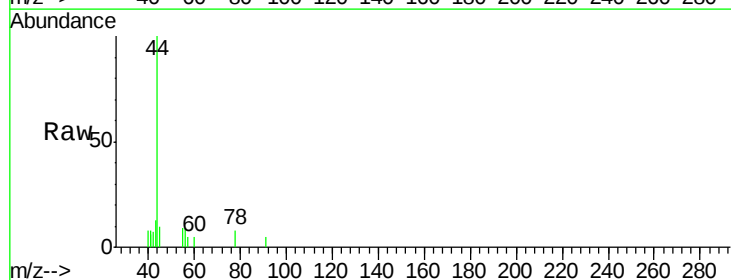
Instrument :
MSVOA_U
ClientSampleId :
CL-01-062918-A

Tot Ion: 59 Resp: 1975
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#13
Acrolein
Concen: 0.344 ug/l
RT: 2.19 min Scan# 499
Delta R.T. -0.00 min
Lab File: VU025153.D
Acq: 02 Jul 2018 19:16

Tgt Ion: 56 Resp: 145
Ion Ratio Lower Upper
56 100
55 84.1 58.4 87.6





#16

Acetone

Concen: 8.936 ug/l

RT: 2.32 min Scan# 539

Delta R.T. -0.00 min

Lab File: VU025153.D

Acq: 02 Jul 2018 19:16

Instrument :

MSVOA_U

ClientSampleId :

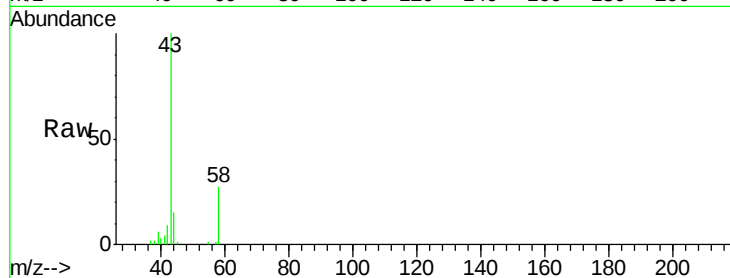
CL-01-062918-A

Tot Ion: 43 Resp: 15850

Ion Ratio Lower Upper

43 100

58 27.8 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

10000

8000

6000

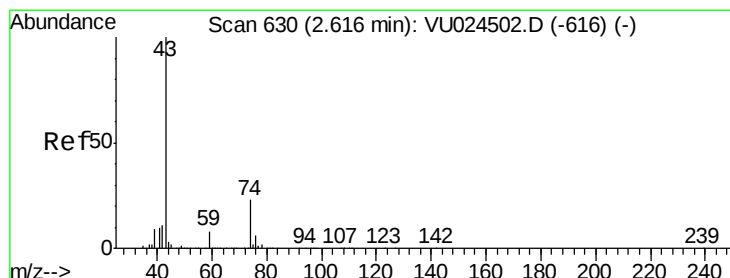
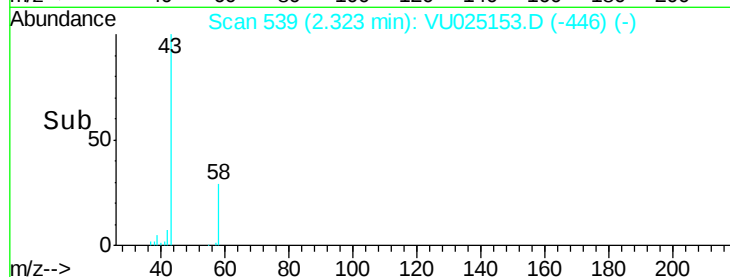
4000

2000

0

Time-->

2.25 2.30 2.35 2.40



#18

Methyl Acetate

Concen: 5.510 ug/l

RT: 2.62 min Scan# 631

Delta R.T. 0.00 min

Lab File: VU025153.D

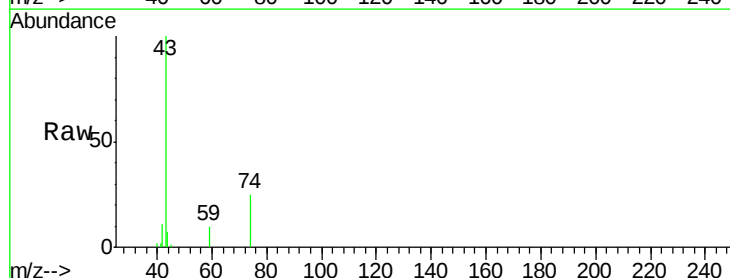
Acq: 02 Jul 2018 19:16

Tgt Ion: 43 Resp: 20951

Ion Ratio Lower Upper

43 100

74 24.5 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0

2.62

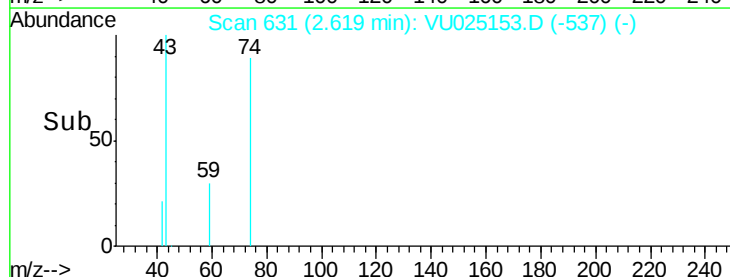
10000

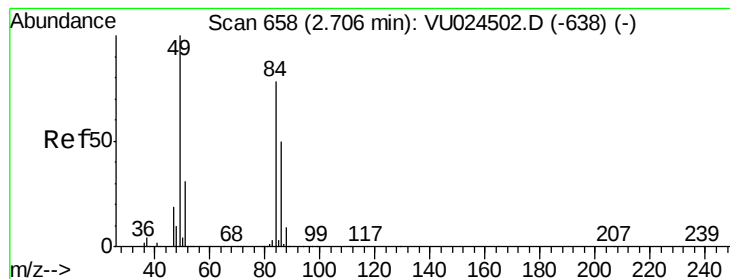
5000

0

Time-->

2.55 2.60 2.65 2.70





#20

Methvlene Chloride

Concen: 22.787 ug/l

RT: 2.70 min Scan# 657

Delta R.T. -0.00 min

Lab File: VU025153.D

Acq: 02 Jul 2018 19:16

Instrument :

MSVOA_U

ClientSampleId :

CL-01-062918-A

Tot Ion: 84 Resp: 63418

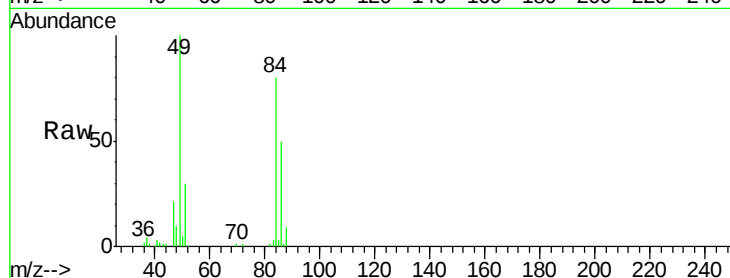
Ion Ratio Lower Upper

84 100

49 125.2 103.8 155.8

51 37.8 32.0 48.0

86 63.0 51.6 77.4

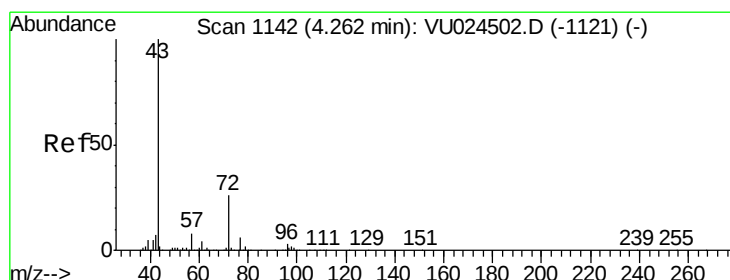
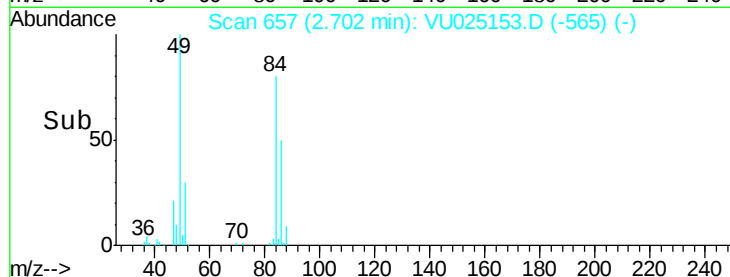
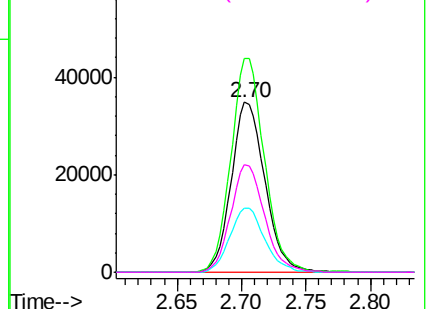


Abundance Ion 83.90 (83.60 to 84.60): VU0

Ion 48.90 (48.60 to 49.60): VU0

Ion 50.90 (50.60 to 51.60): VU0

Ion 85.90 (85.60 to 86.60): VU0



#25

2-Butanone

Concen: 1.185 ug/l

RT: 4.28 min Scan# 1147

Delta R.T. 0.02 min

Lab File: VU025153.D

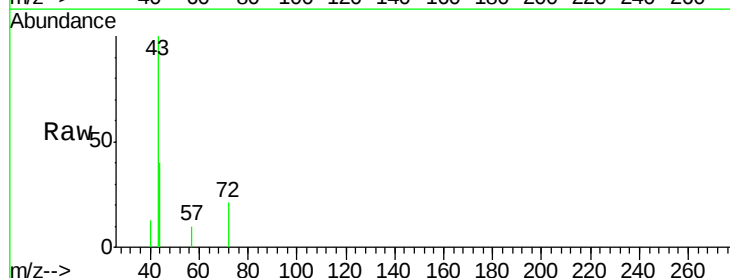
Acq: 02 Jul 2018 19:16

Tgt Ion: 43 Resp: 2824

Ion Ratio Lower Upper

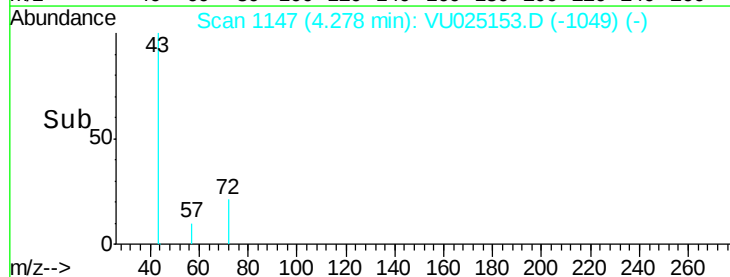
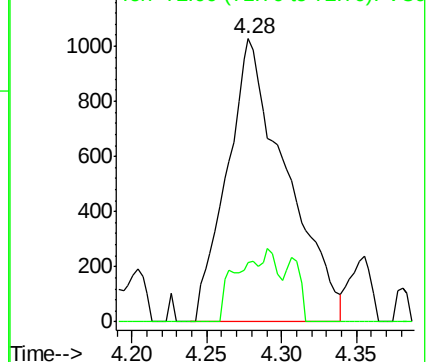
43 100

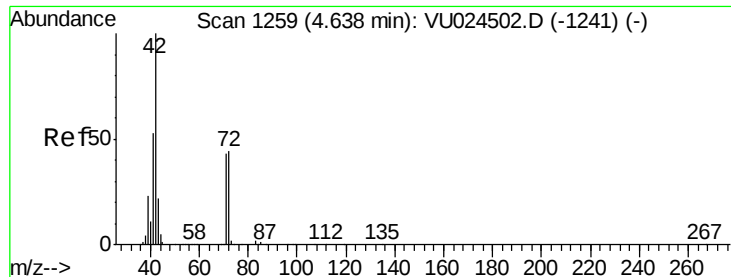
72 20.7 19.6 29.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0





#29

Tetrahydrofuran

Concen: 0.617 ug/l

RT: 4.65 min Scan# 1264

Delta R.T. 0.02 min

Lab File: VU025153.D

Acq: 02 Jul 2018 19:16

Instrument :

MSVOA_U

ClientSampleId :

CL-01-062918-A

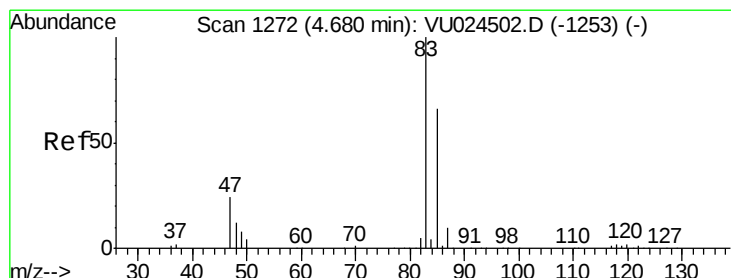
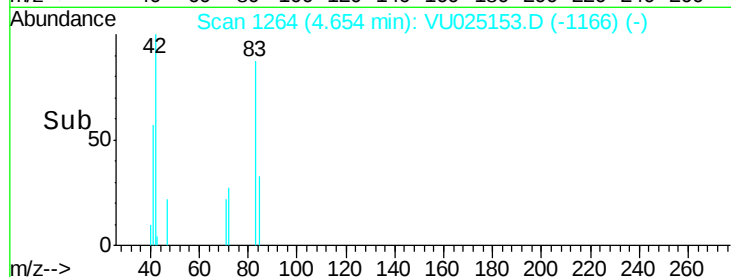
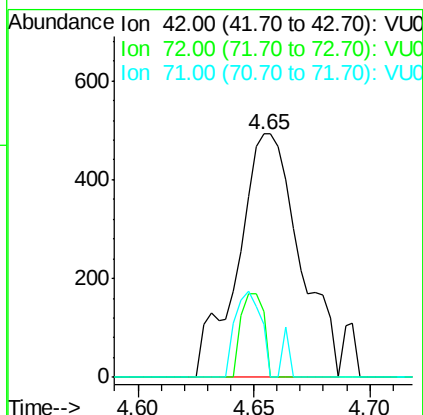
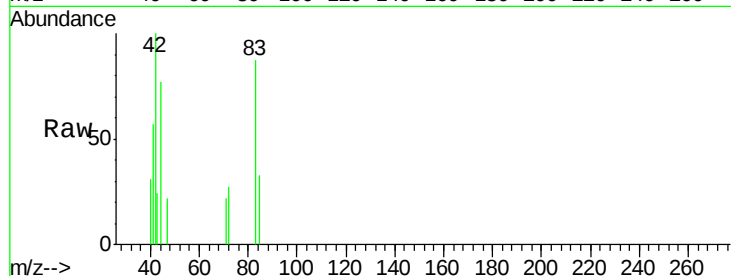
Tot Ion: 42 Resp: 911

Ion Ratio Lower Upper

42 100

72 12.6 34.5 51.7#

71 14.6 32.2 48.4#



#30

Chloroform

Concen: 0.749 ug/l

RT: 4.68 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VU025153.D

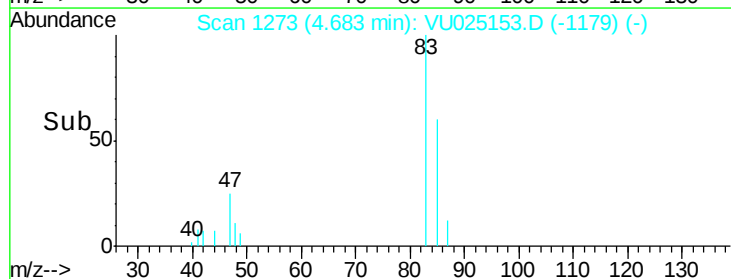
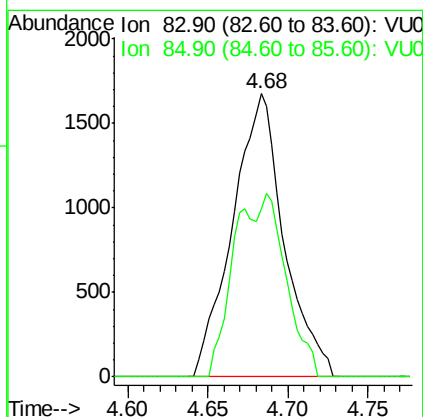
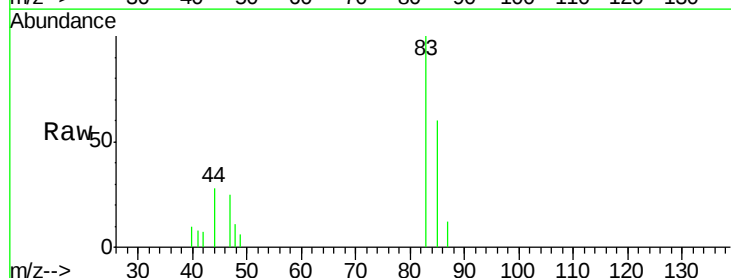
Acq: 02 Jul 2018 19:16

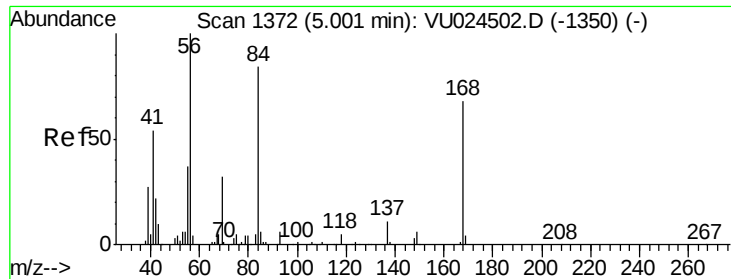
Tgt Ion: 83 Resp: 3696

Ion Ratio Lower Upper

83 100

85 59.5 52.4 78.6

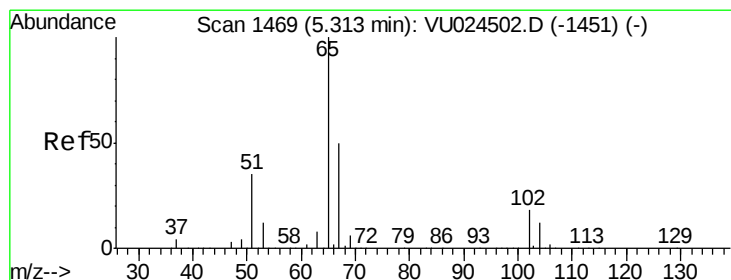
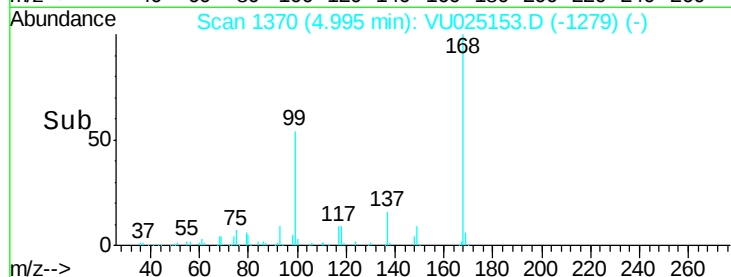
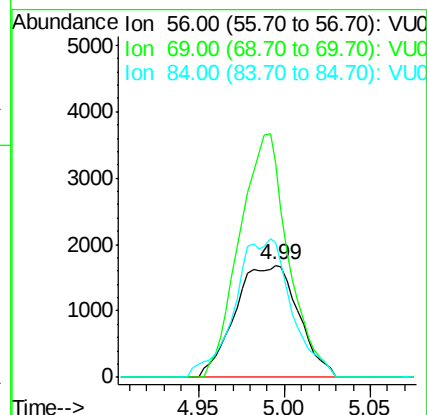
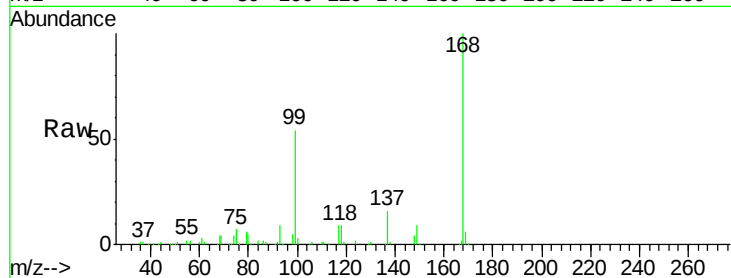




#31
Cyclohexane
Concen: Below Cal
RT: 4.99 min Scan# 1370
Delta R.T. -0.01 min
Lab File: VU025153.D
Acq: 02 Jul 2018 19:16

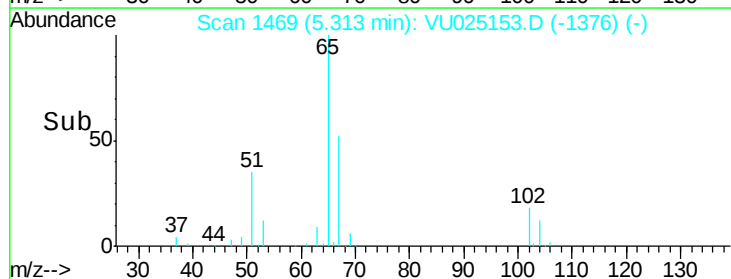
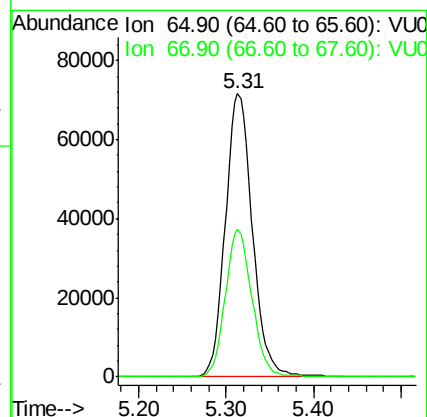
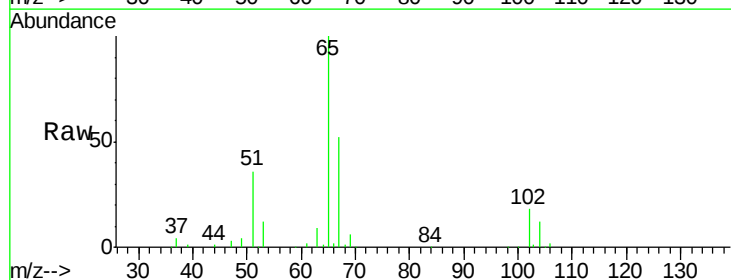
Instrument :
MSVOA_U
ClientSampleId :
CL-01-062918-A

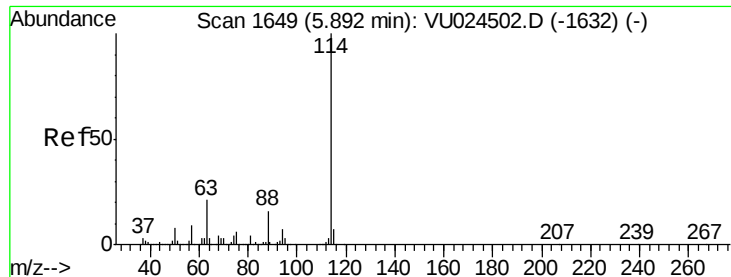
Tot Ion: 56 Resp: 4291
Ion Ratio Lower Upper
56 100
69 192.0 24.8 37.2#
84 121.0 65.2 97.8#



#33
1,2-Dichloroethane-d4
Concen: 46.621 ug/l
RT: 5.31 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VU025153.D
Acq: 02 Jul 2018 19:16

Tgt Ion: 65 Resp: 153903
Ion Ratio Lower Upper
65 100
67 50.8 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: VU025153.D

Acq: 02 Jul 2018 19:16

Instrument :

MSVOA_U

ClientSampleId :

CL-01-062918-A

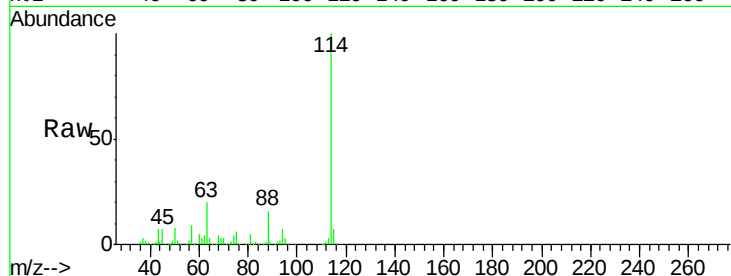
Tot Ion:114 Resp: 305255

Ion Ratio Lower Upper

114 100

63 20.4 0.0 45.4

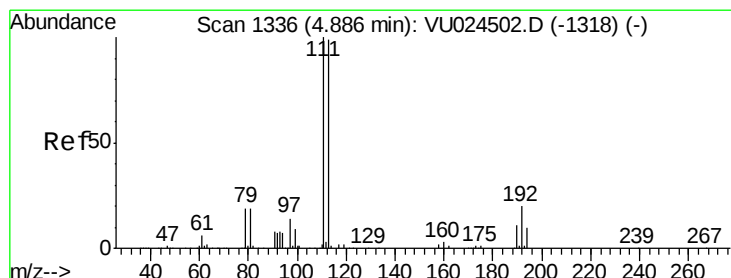
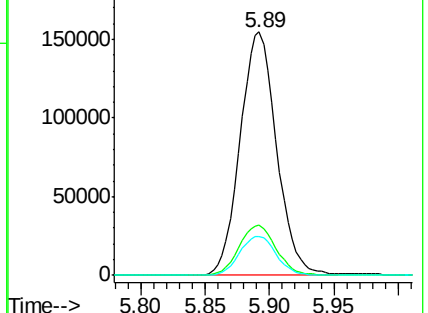
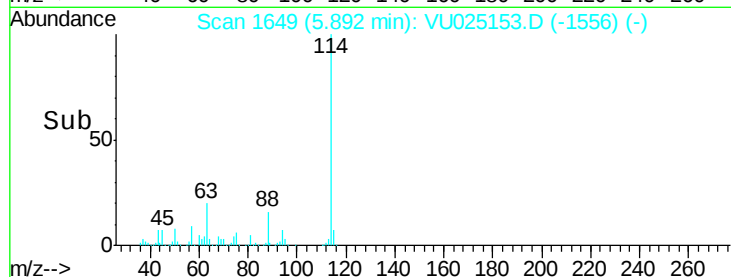
88 15.9 0.0 31.0



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: 46.714 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU025153.D

Acq: 02 Jul 2018 19:16

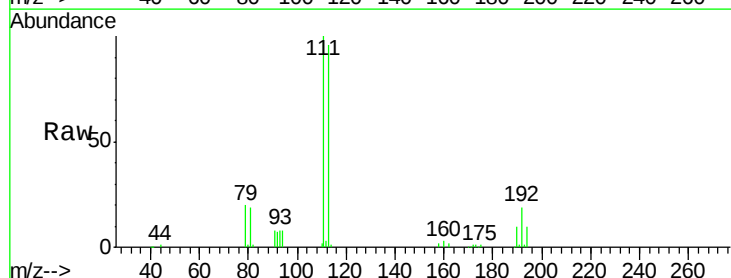
Tgt Ion:113 Resp: 118345

Ion Ratio Lower Upper

113 100

111 103.2 82.2 123.4

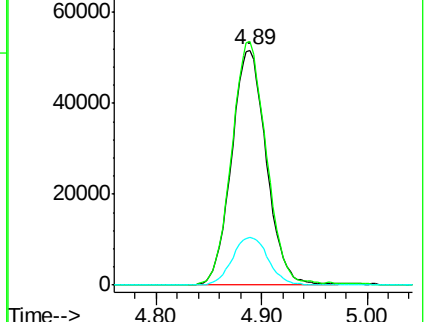
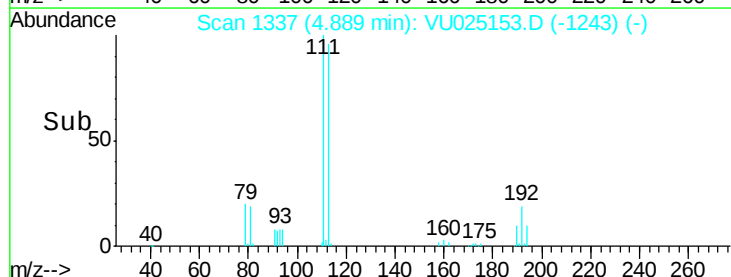
192 21.1 16.2 24.4

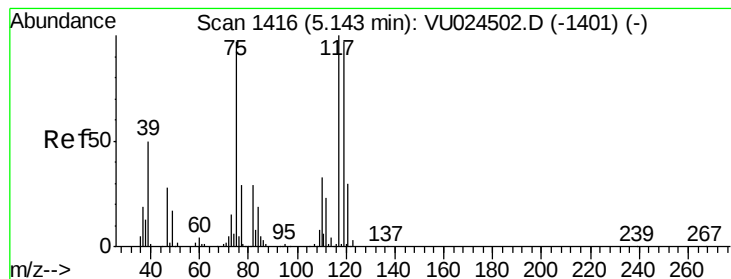


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.217 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.15 min

Lab File: VU025153.D

Acq: 02 Jul 2018 19:16

Instrument :

MSVOA_U

ClientSampleId :

CL-01-062918-A

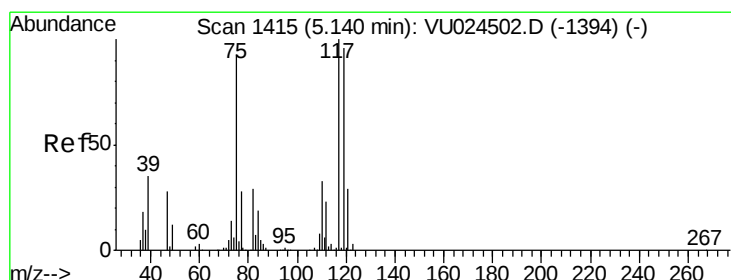
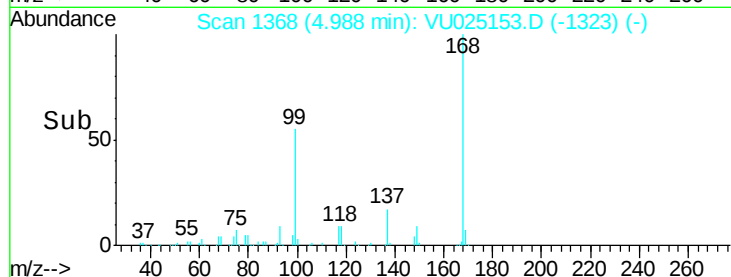
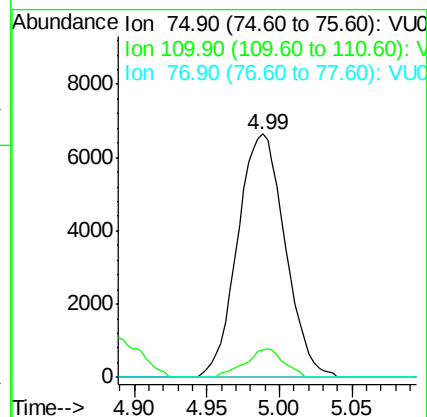
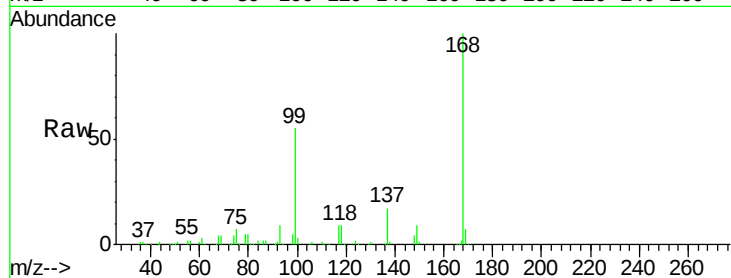
Tot Ion: 75 Resp: 15126

Ion Ratio Lower Upper

75 100

110 9.5 17.0 50.9#

77 0.0 24.2 36.4#



#38

Carbon Tetrachloride

Concen: 4.947 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.15 min

Lab File: VU025153.D

Acq: 02 Jul 2018 19:16

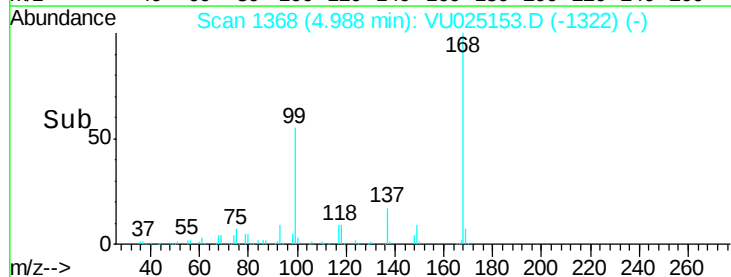
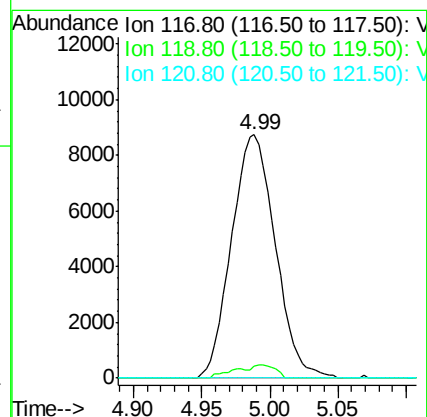
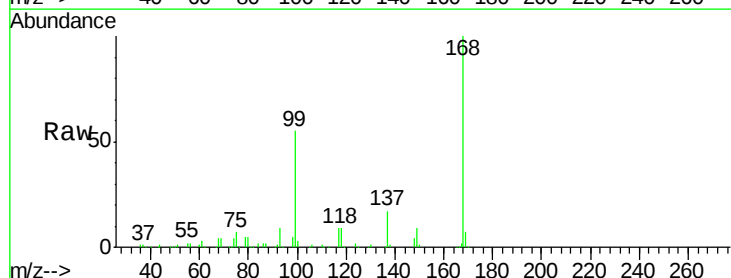
Tgt Ion: 117 Resp: 19512

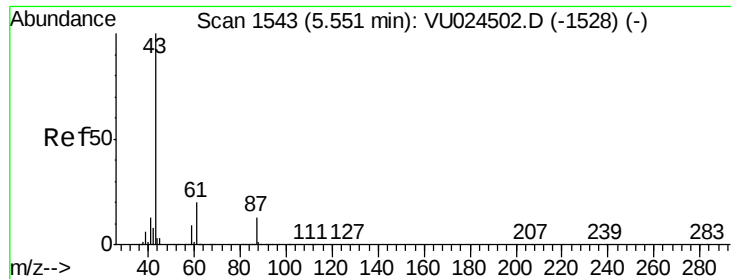
Ion Ratio Lower Upper

117 100

119 4.7 76.1 114.1#

121 0.0 23.7 35.5#





#43

Isopropyl Acetate

Concen: 3.518 ug/l

RT: 5.78 min Scan# 1613

Delta R.T. 0.22 min

Lab File: VU025153.D

Acq: 02 Jul 2018 19:16

Instrument :

MSVOA_U

ClientSampleId :

CL-01-062918-A

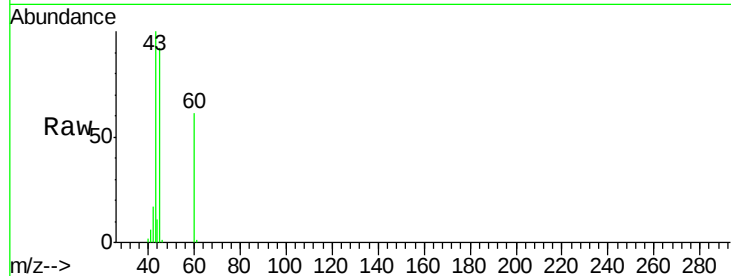
Tot Ion: 43 Resp: 23775

Ion Ratio Lower Upper

43 100

61 1.4 15.4 23.0#

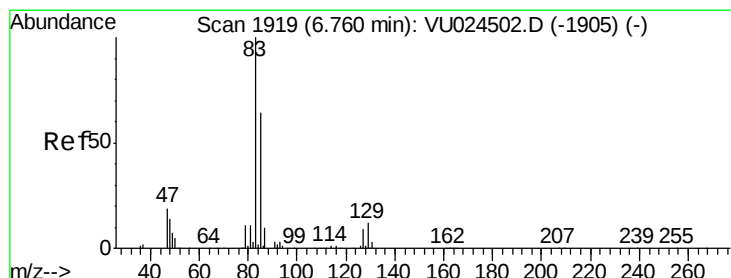
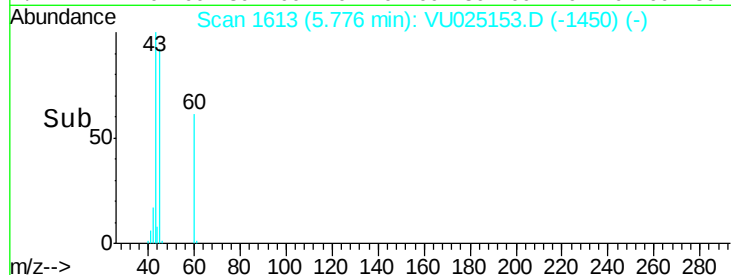
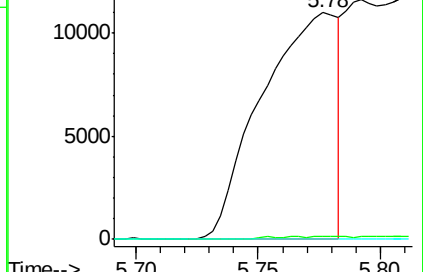
87 0.0 10.0 15.0#



Abundance Ion 43.00 (42.70 to 43.70): VU025153.D (-1613) (-)

Ion 61.00 (60.70 to 61.70): VU025153.D (-1613) (-)

Ion 87.00 (86.70 to 87.70): VU025153.D (-1613) (-)



#47

Bromodichloromethane

Concen: 0.375 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VU025153.D

Acq: 02 Jul 2018 19:16

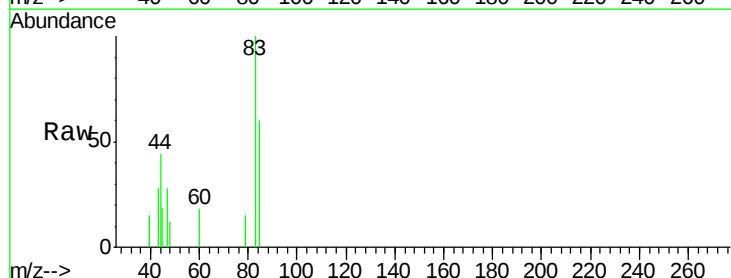
Tgt Ion: 83 Resp: 1432

Ion Ratio Lower Upper

83 100

85 59.9 51.9 77.9

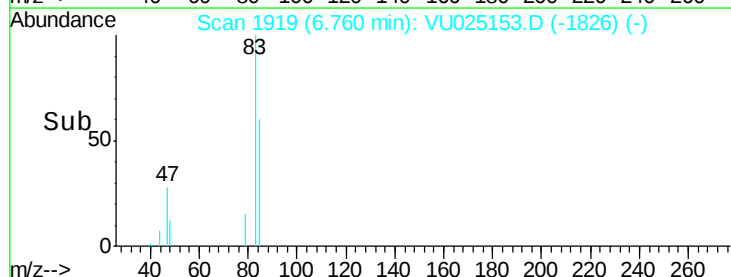
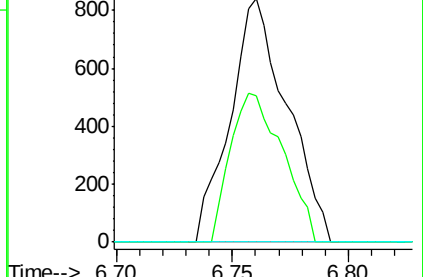
127 0.0 6.6 9.8#

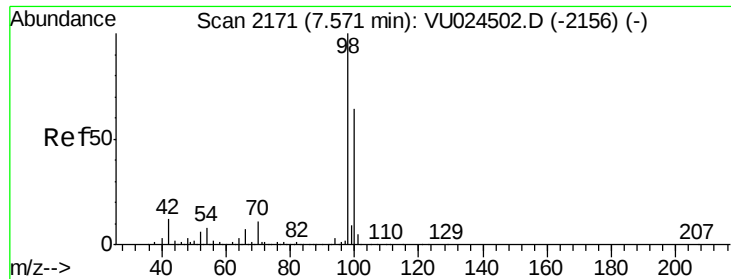


Abundance Ion 82.90 (82.60 to 83.60): VU025153.D (-1919) (-)

Ion 84.90 (84.60 to 85.60): VU025153.D (-1919) (-)

Ion 126.80 (126.50 to 127.50): VU025153.D (-1919) (-)





#50

Toluene-d8

Concen: 47.496 ug/l

RT: 7.57 min Scan# 2171

Delta R.T. -0.00 min

Lab File: VU025153.D

Acq: 02 Jul 2018 19:16

Instrument :

MSVOA_U

ClientSampleId :

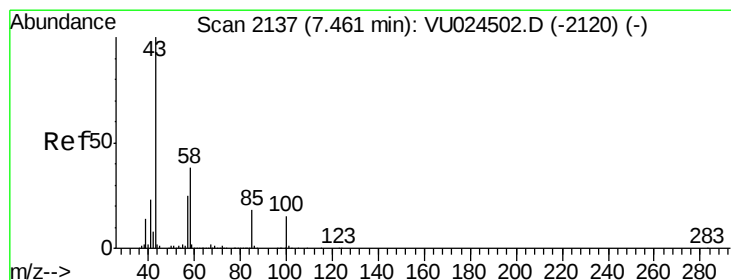
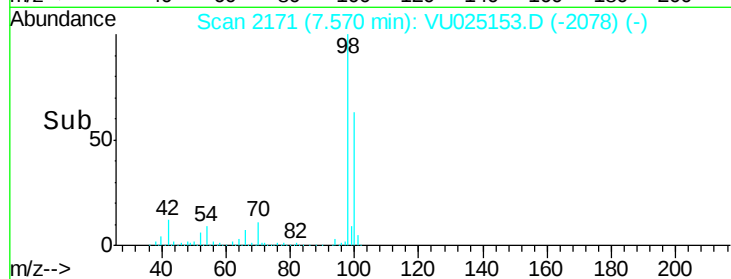
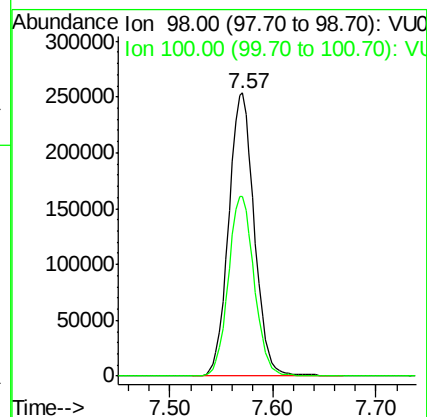
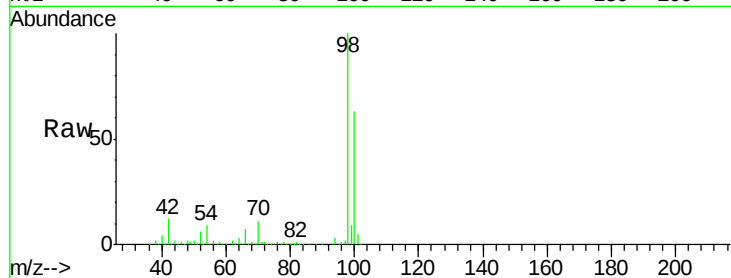
CL-01-062918-A

Tot Ion: 98 Resp: 438897

Ion Ratio Lower Upper

98 100

100 64.2 51.1 76.7



#51

4-Methyl-2-Pentanone

Concen: 0.286 ug/l

RT: 7.46 min Scan# 2137

Delta R.T. -0.00 min

Lab File: VU025153.D

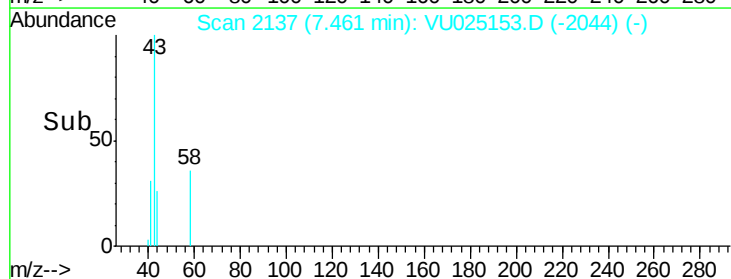
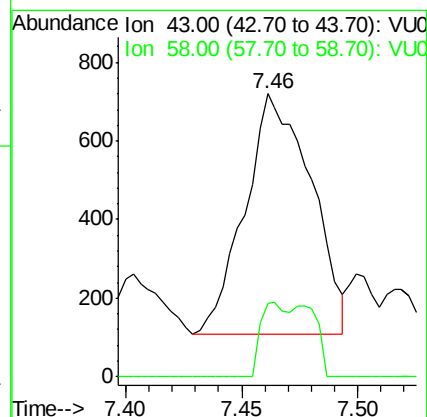
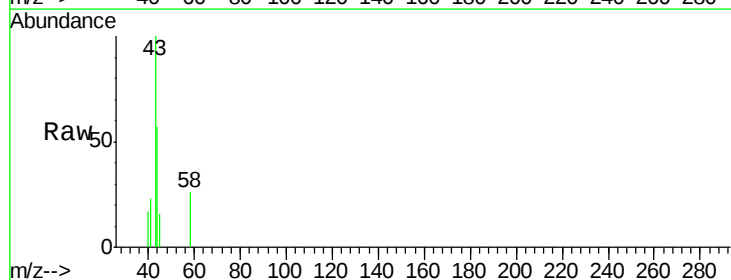
Acq: 02 Jul 2018 19:16

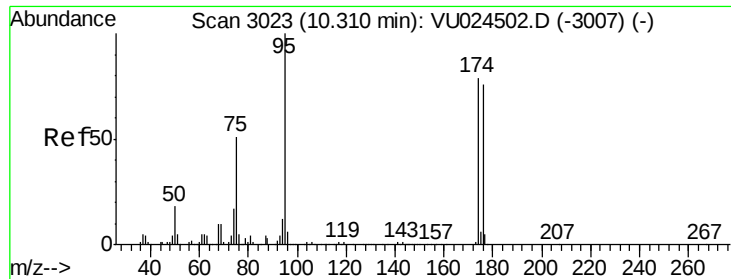
Tgt Ion: 43 Resp: 1213

Ion Ratio Lower Upper

43 100

58 13.5 30.0 45.0#

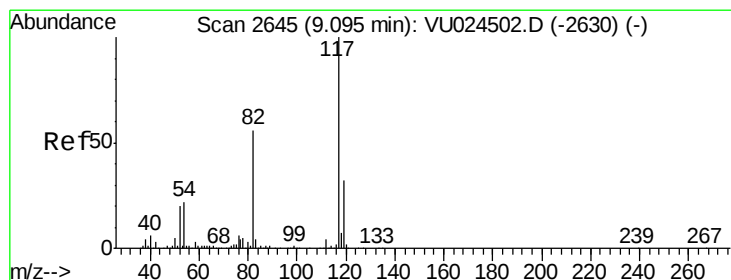
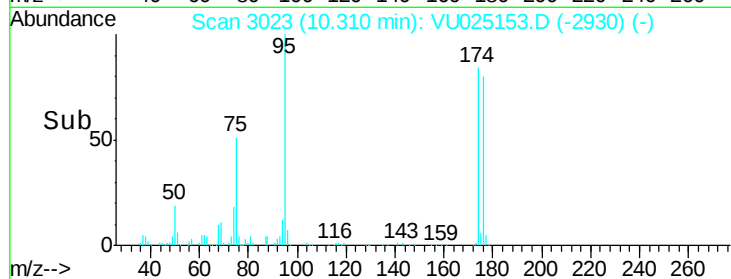
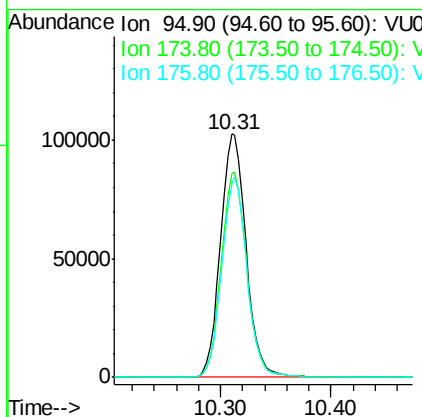
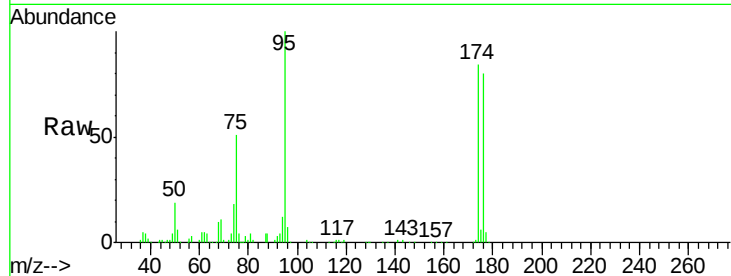




#62
4-Bromofluorobenzene
Concen: 44.998 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. -0.00 min
Lab File: VU025153.D
Acq: 02 Jul 2018 19:16

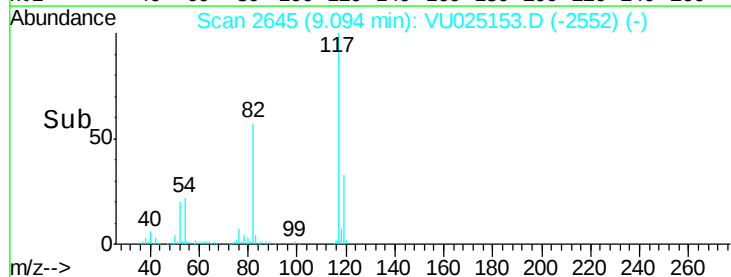
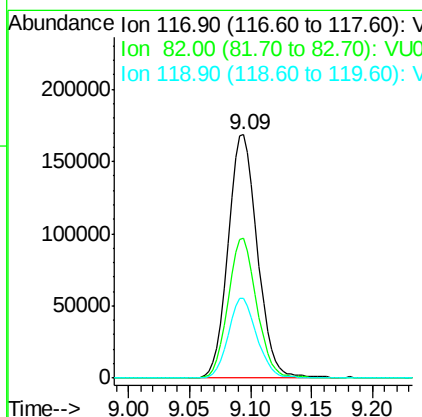
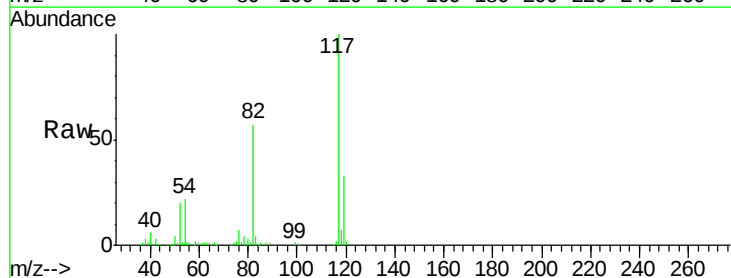
Instrument :
MSVOA_U
ClientSampleId :
CL-01-062918-A

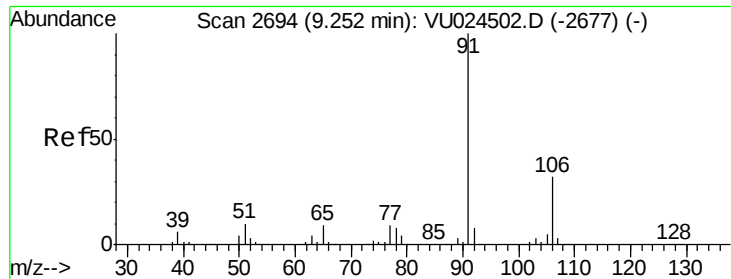
Tot Ion	95	Resp	165095
Ion Ratio	Lower	Upper	
95	100		
174	84.1	0.0	165.8
176	81.2	0.0	159.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. -0.00 min
Lab File: VU025153.D
Acq: 02 Jul 2018 19:16

Tgt Ion	117	Resp	283784
Ion Ratio	Lower	Upper	
117	100		
82	57.2	44.3	66.5
119	32.6	25.4	38.2

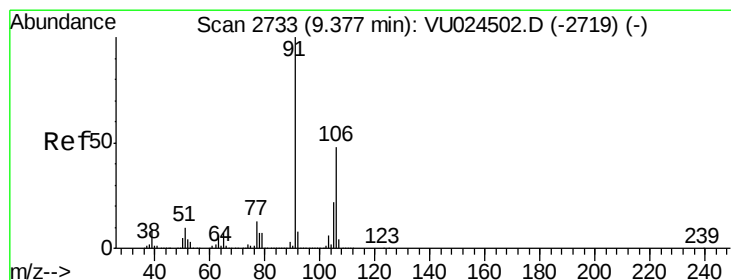
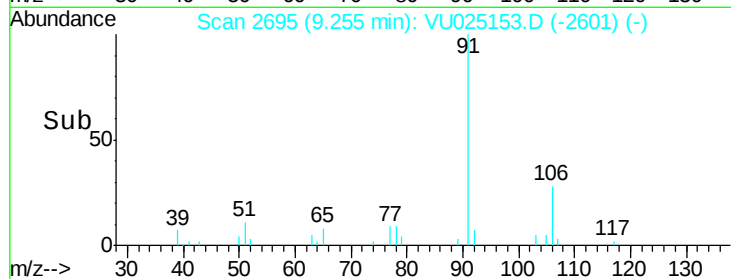
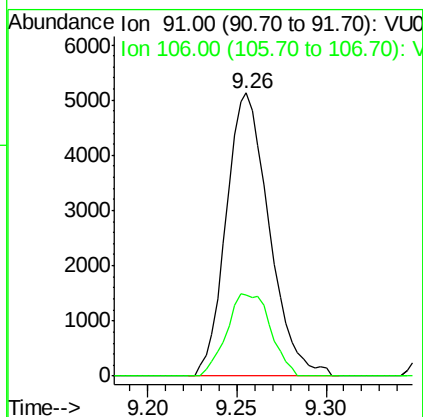
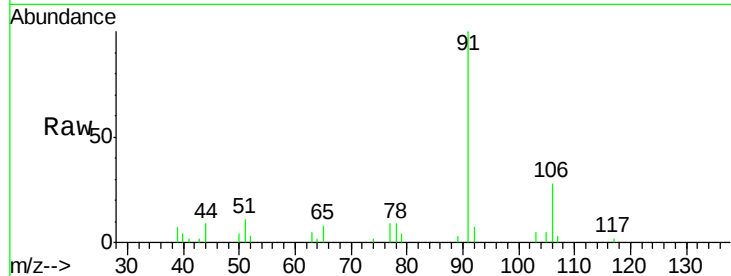




#67
Ethyl Benzene
Concen: 0.677 ug/l
RT: 9.26 min Scan# 2695
Delta R.T. 0.00 min
Lab File: VU025153.D
Acq: 02 Jul 2018 19:16

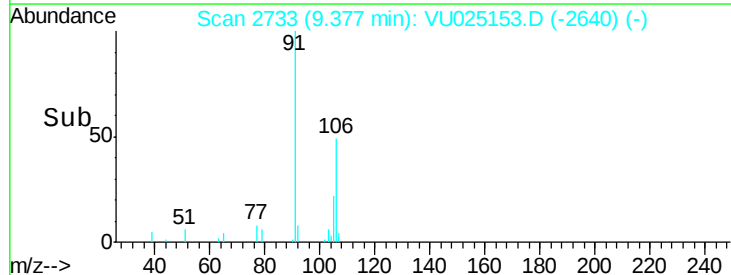
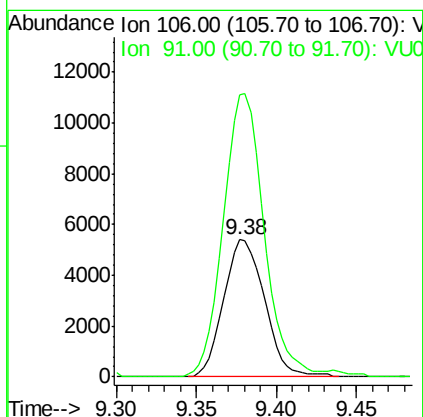
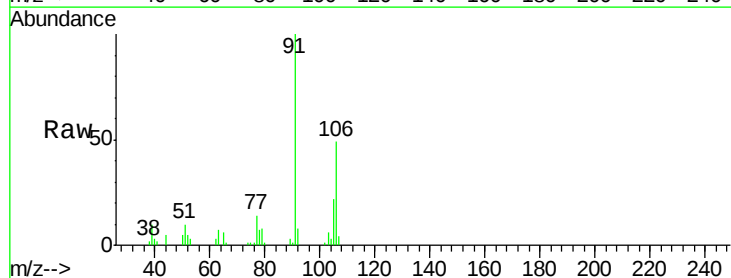
Instrument :
MSVOA_U
ClientSampleId :
CL-01-062918-A

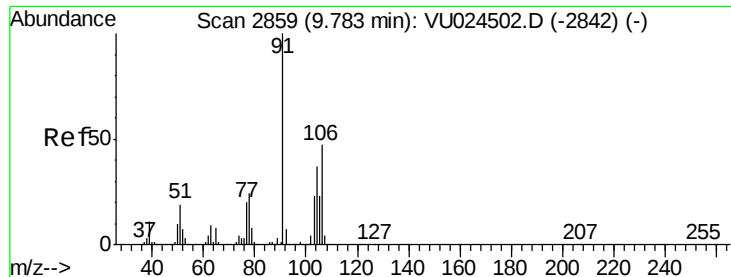
Tot Ion: 91 Resp: 8608
Ion Ratio Lower Upper
91 100
106 28.5 24.2 36.4



#68
m/p-Xylenes
Concen: 1.937 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. -0.00 min
Lab File: VU025153.D
Acq: 02 Jul 2018 19:16

Tgt Ion: 106 Resp: 9455
Ion Ratio Lower Upper
106 100
91 205.0 166.5 249.7

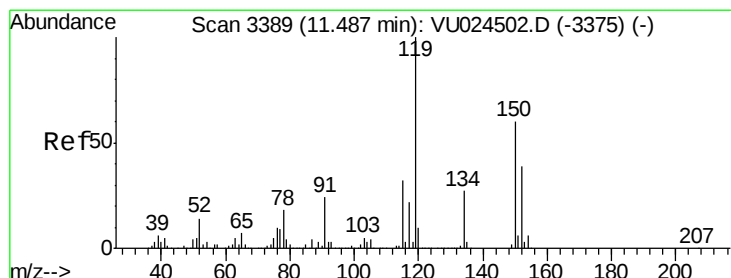
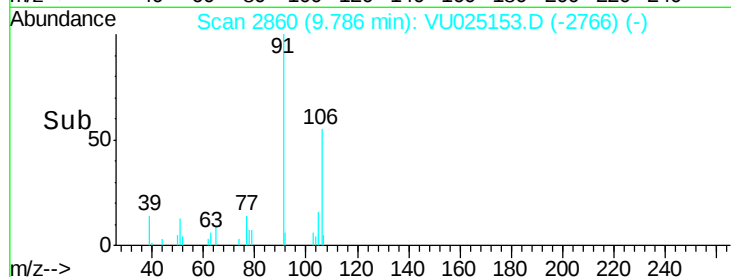
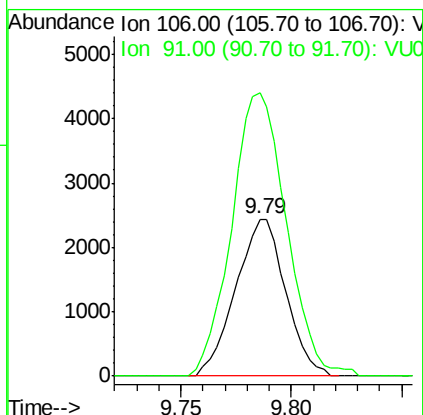
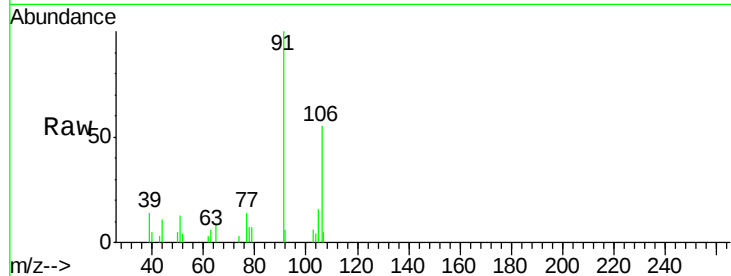




#69
o-Xylene
Concen: 0.795 ug/l
RT: 9.79 min Scan# 2860
Delta R.T. 0.00 min
Lab File: VU025153.D
Acq: 02 Jul 2018 19:16

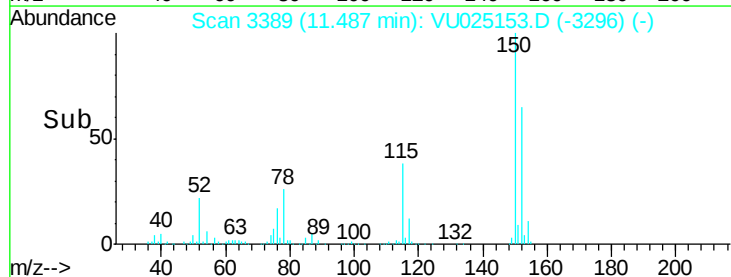
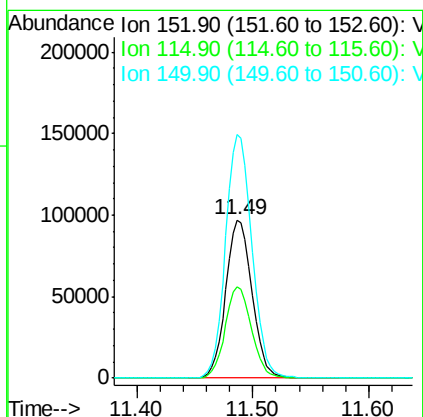
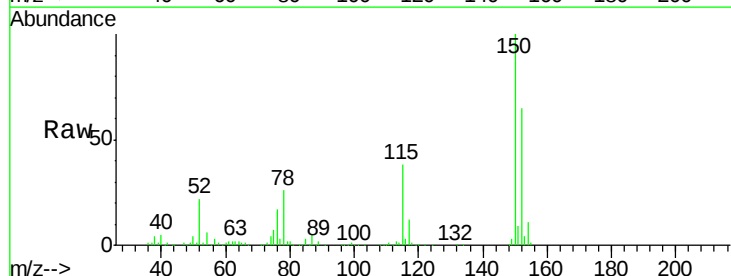
Instrument :
MSVOA_U
ClientSampleId :
CL-01-062918-A

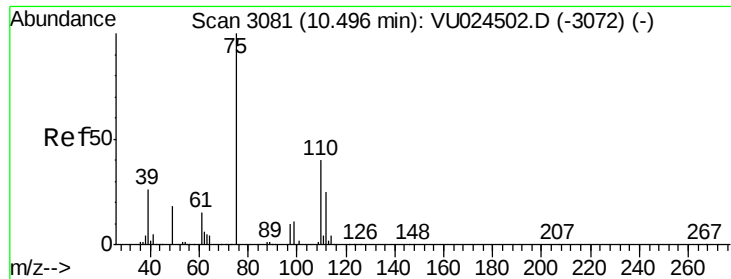
Tot Ion:106 Resp: 3841
Ion Ratio Lower Upper
106 100
91 197.3 110.7 331.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. -0.00 min
Lab File: VU025153.D
Acq: 02 Jul 2018 19:16

Tgt Ion:152 Resp: 152006
Ion Ratio Lower Upper
152 100
115 57.7 43.0 129.0
150 154.6 0.0 354.0





#76

1,2,3-Trichloropropane

Concen: 25.291 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.19 min

Lab File: VU025153.D

Acq: 02 Jul 2018 19:16

Instrument :

MSVOA_U

ClientSampleId :

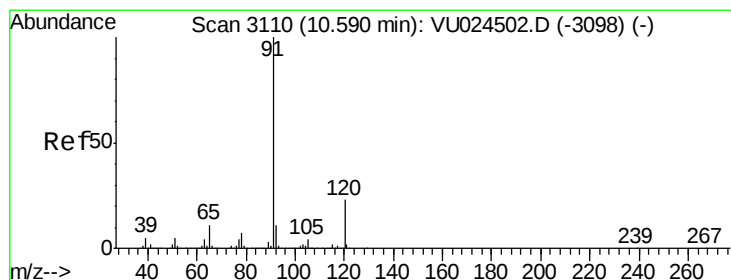
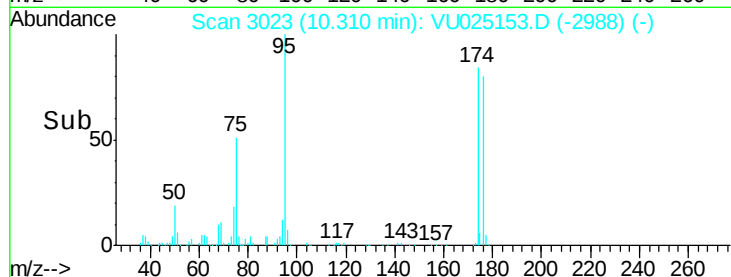
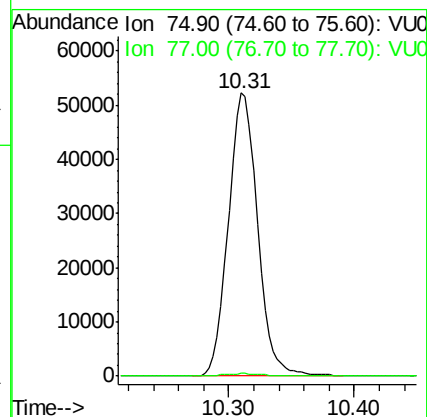
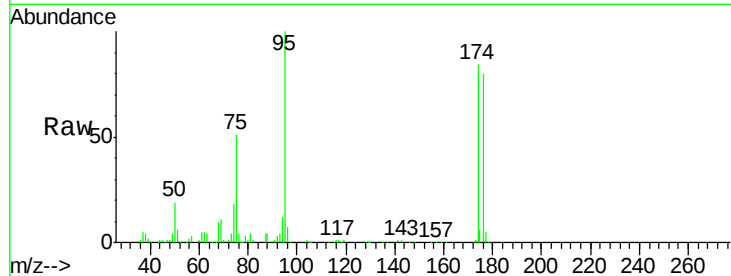
CL-01-062918-A

Tot Ion: 75 Resp: 84641

Ion Ratio Lower Upper

75 100

77 1.0 20.9 62.7#



#78

n-propylbenzene

Concen: 0.323 ug/l

RT: 10.60 min Scan# 3112

Delta R.T. 0.01 min

Lab File: VU025153.D

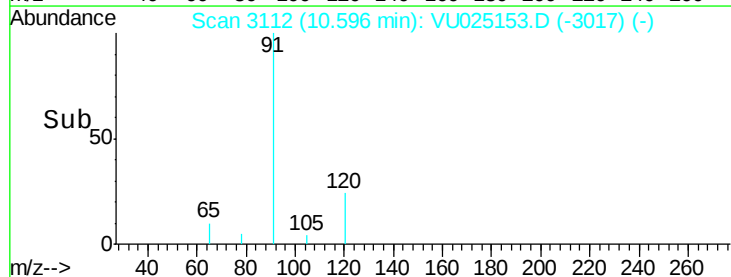
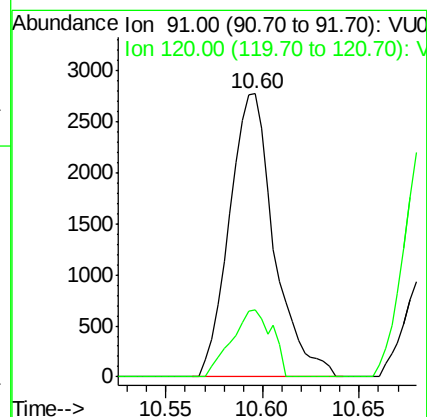
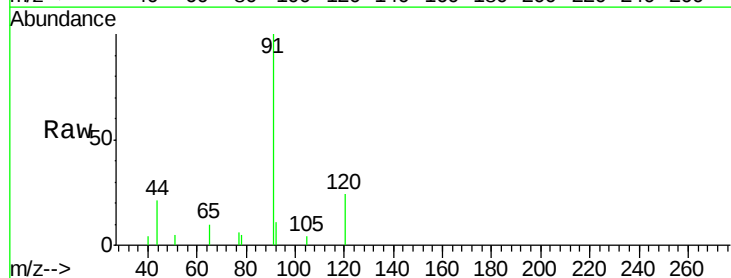
Acq: 02 Jul 2018 19:16

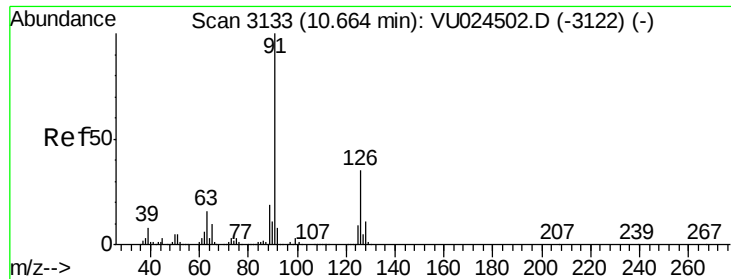
Tgt Ion: 91 Resp: 4443

Ion Ratio Lower Upper

91 100

120 21.5 11.2 33.5





#79

2-Chlorotoluene

Concen: 0.206 ug/l

RT: 10.69 min Scan# 3140

Delta R.T. 0.02 min

Lab File: VU025153.D

Acq: 02 Jul 2018 19:16

Instrument :

MSVOA_U

ClientSampleId :

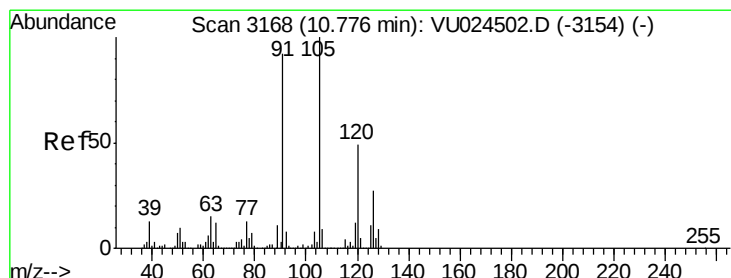
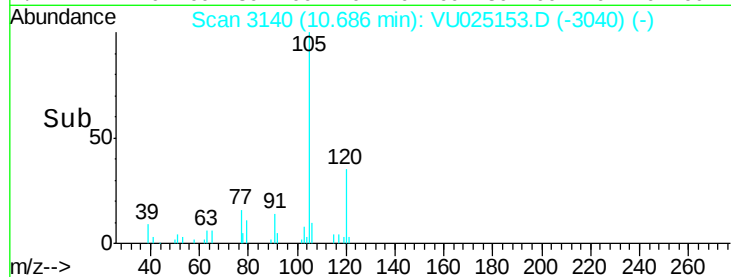
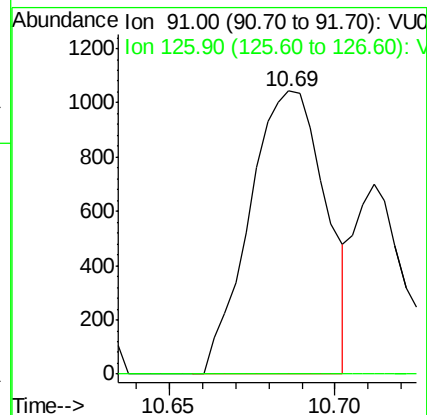
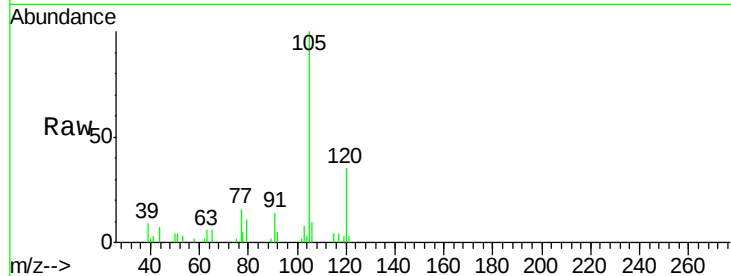
CL-01-062918-A

Tot Ion: 91 Resp: 1667

Ion Ratio Lower Upper

91 100

126 0.0 16.9 50.7#



#80

1,3,5-Trimethylbenzene

Concen: 0.810 ug/l

RT: 10.78 min Scan# 3169

Delta R.T. 0.00 min

Lab File: VU025153.D

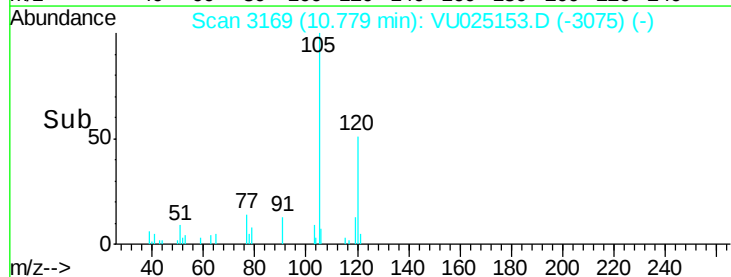
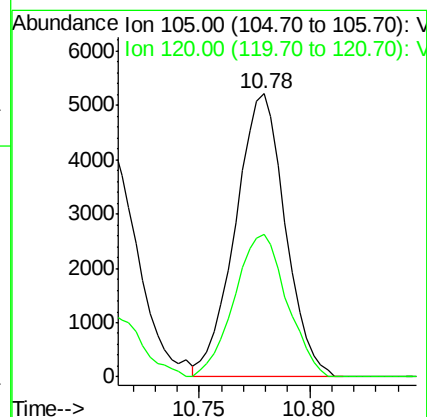
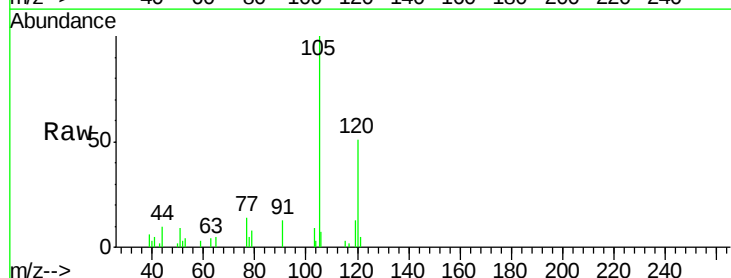
Acq: 02 Jul 2018 19:16

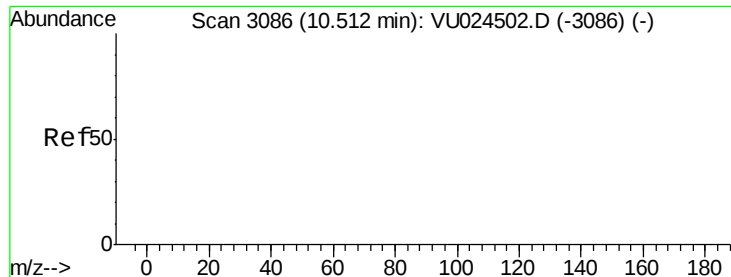
Tgt Ion: 105 Resp: 8189

Ion Ratio Lower Upper

105 100

120 53.0 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 58.535 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.20 min

Lab File: VU025153.D

Acq: 02 Jul 2018 19:16

Instrument :

MSVOA_U

ClientSampleId :

CL-01-062918-A

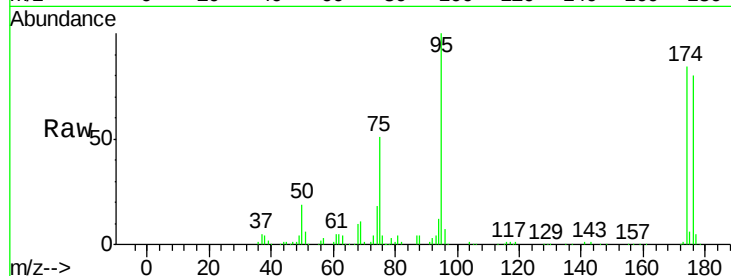
Tot Ion: 75 Resp: 84641

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

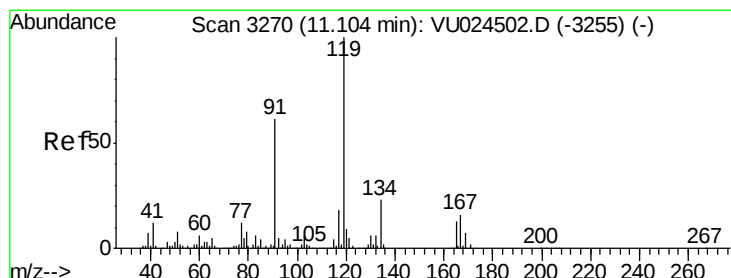
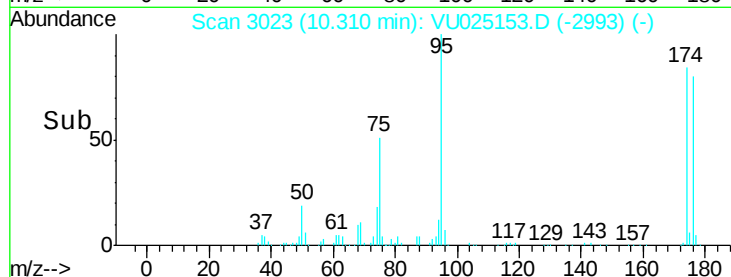
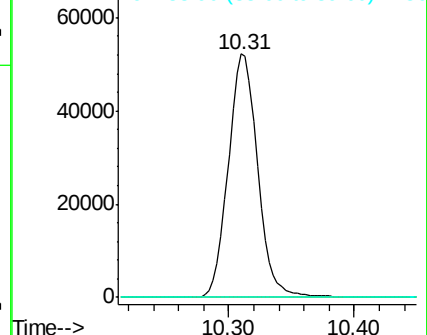
89 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): 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) (-)



#83

tert-Butylbenzene

Concen: 0.284 ug/l

RT: 11.15 min Scan# 3285

Delta R.T. 0.05 min

Lab File: VU025153.D

Acq: 02 Jul 2018 19:16

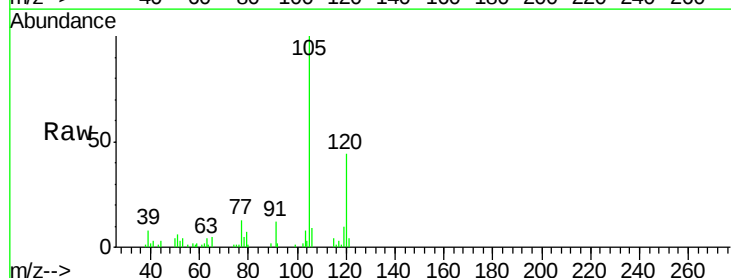
Tgt Ion: 119 Resp: 2761

Ion Ratio Lower Upper

119 100

91 117.0 29.7 89.1#

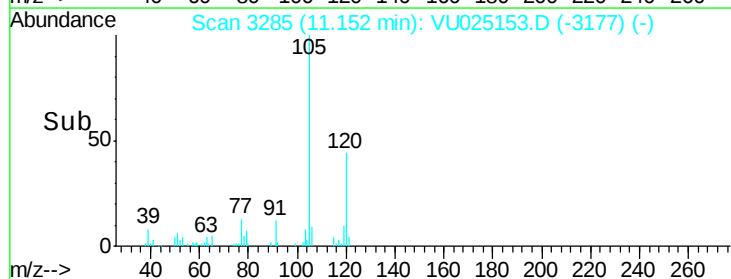
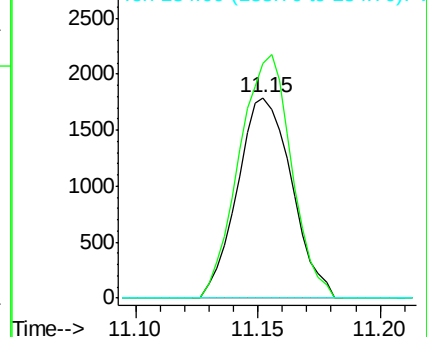
134 0.0 11.6 34.7#

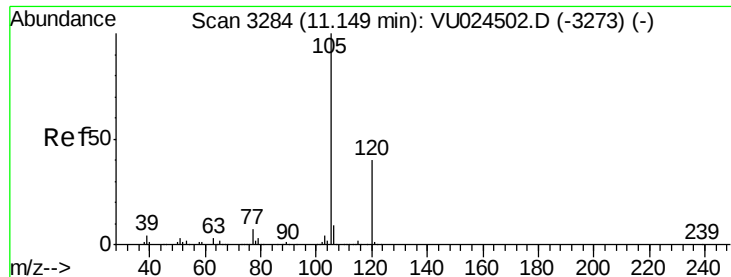


Abundance Ion 119.00 (118.70 to 119.70): VU024502.D (-3255) (-)

Ion 91.00 (90.70 to 91.70): VU024502.D (-3255) (-)

Ion 134.00 (133.70 to 134.70): VU024502.D (-3255) (-)





#84

1,2,4-Trimethylbenzene

Concen: 2.617 ug/l

RT: 11.15 min Scan# 3285

Delta R.T. 0.00 min

Lab File: VU025153.D

Acq: 02 Jul 2018 19:16

Instrument :

MSVOA_U

ClientSampleId :

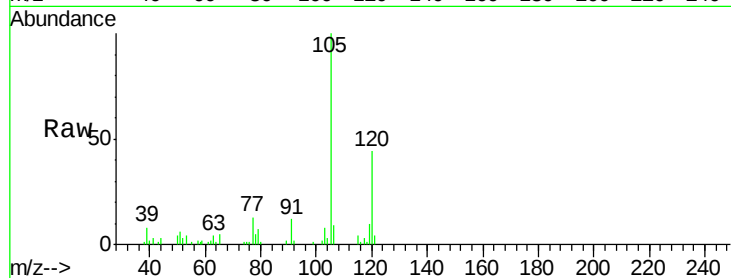
CL-01-062918-A

Tot Ion:105 Resp: 26982

Ion Ratio Lower Upper

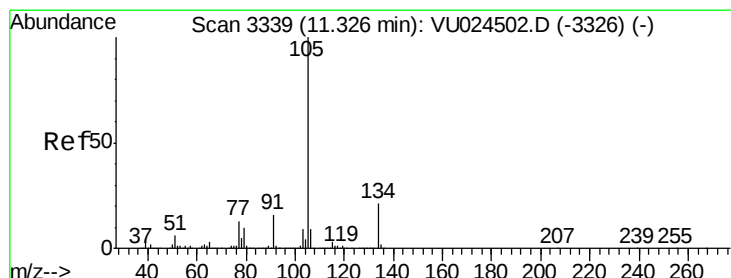
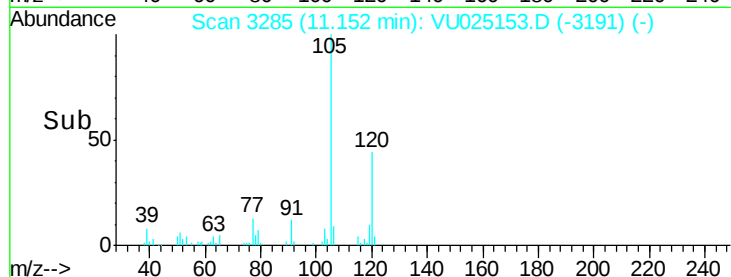
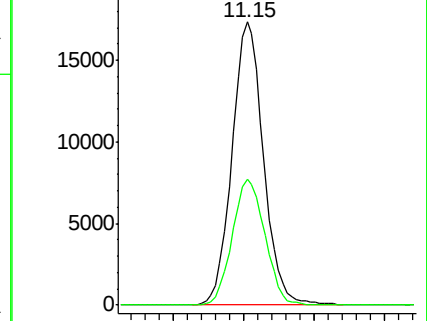
105 100

120 46.2 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 2.215 ug/l

RT: 11.15 min Scan# 3285

Delta R.T. -0.17 min

Lab File: VU025153.D

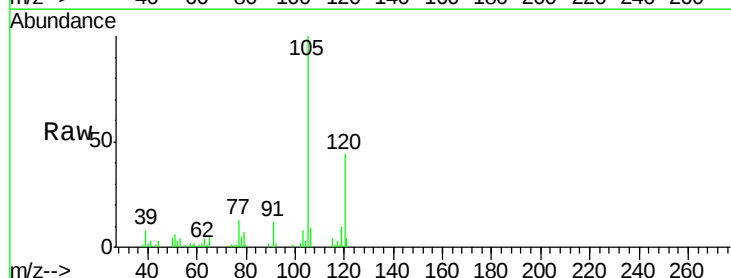
Acq: 02 Jul 2018 19:16

Tgt Ion:105 Resp: 26982

Ion Ratio Lower Upper

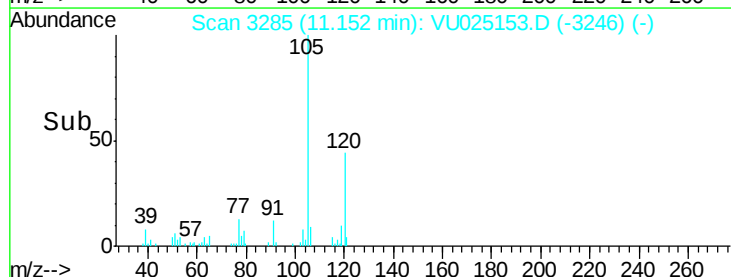
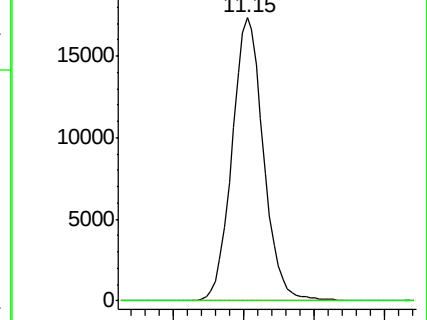
105 100

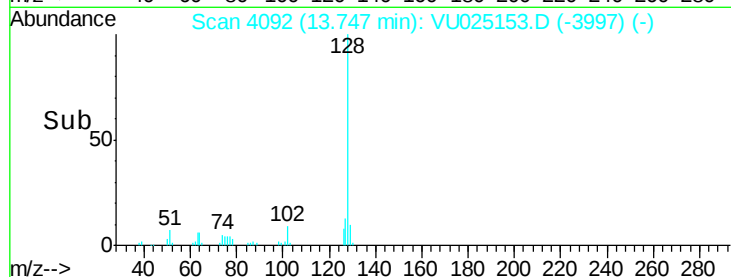
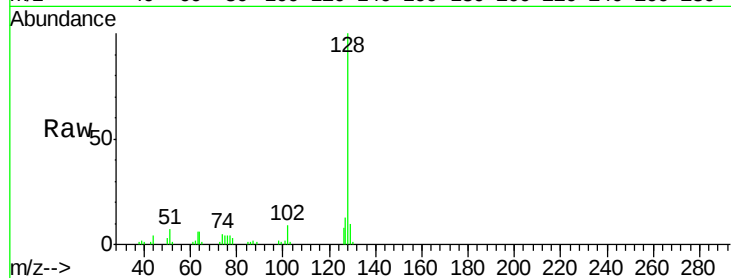
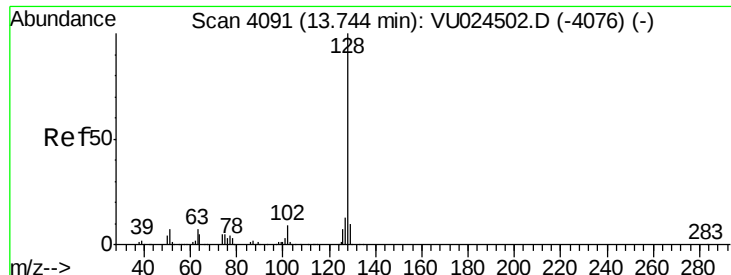
134 0.0 9.7 29.1#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V





#95

Naphthalene

Concen: 4.069 ug/l

RT: 13.75 min Scan# 4092

Delta R.T. 0.00 min

Lab File: VU025153.D

Acq: 02 Jul 2018 19:16

Instrument :

MSVOA_U

ClientSampleId :

CL-01-062918-A

Tot Ion:128 Resp: 38407

Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.6	16.0
129	10.3	8.6	12.8

