

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062018\
 Data File : VU024781.D
 Acq On : 21 Jun 2018 01:37
 Operator : MD/SY
 Sample : J3245-14
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CL-02-061918-C

Quant Time: Jun 21 07:57:09 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	199349	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	312130	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	289763	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	160995	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	141989	43.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.26%	
35) Dibromofluoromethane	4.89	113	119652	46.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.38%	
50) Toluene-d8	7.57	98	448795	47.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.00%	
62) 4-Bromofluorobenzene	10.31	95	163795	43.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.32%	

Target Compounds					Qvalue
3) Chloromethane	1.33	50	786	0.308 ug/l	94
5) Bromomethane	1.64	94	631	0.497 ug/l #	55
6) Chloroethane	1.68	64	160	Below Cal #	43
8) Diethyl Ether	2.10	74	1554	Below Cal	90
10) Methyl Iodide	2.43	142	228	5.385 ug/l #	40
11) Tert butyl alcohol	2.84	59	2261	2.857 ug/l #	78
13) Acrolein	2.19	56	133	0.320 ug/l #	36
14) Allyl chloride	2.61	41	950	0.225 ug/l #	24
16) Acetone	2.32	43	9309	5.324 ug/l	97
18) Methyl Acetate	2.62	43	17275	4.608 ug/l	95
20) Methylene Chloride	2.71	84	275145	100.284 ug/l	97
25) 2-Butanone	4.28	43	2385	1.015 ug/l	92
29) Tetrahydrofuran	4.65	42	726	0.499 ug/l #	45
30) Chloroform	4.68	83	1909	0.392 ug/l #	75
31) Cyclohexane	4.99	56	4297	Below Cal #	11
36) 1,1-Dichloropropene	4.99	75	14301	3.899 ug/l #	51
38) Carbon Tetrachloride	4.99	117	18142	4.498 ug/l #	15
43) Isopropyl Acetate	5.80	43	41217	5.965 ug/l #	62
47) Bromodichloromethane	6.76	83	832	0.213 ug/l #	96
51) 4-Methyl-2-Pentanone	7.47	43	1612	0.371 ug/l #	83
52) Toluene	7.64	92	4840	0.720 ug/l	99
65) Chlorobenzene	9.12	112	1883	0.254 ug/l	91
67) Ethyl Benzene	9.26	91	12032	0.927 ug/l	94
68) m/p-Xylenes	9.38	106	10350	2.077 ug/l	99
69) o-Xylene	9.78	106	4453	0.903 ug/l	95
70) Styrene	9.80	104	4933	0.609 ug/l	94
73) Isopropylbenzene	10.17	105	2638	0.213 ug/l	97
76) 1,2,3-Trichloropropane	10.31	75	84457	23.827 ug/l #	35
78) n-propylbenzene	10.59	91	5741	0.394 ug/l	98
79) 2-Chlorotoluene	10.69	91	2754	0.321 ug/l #	41
80) 1,3,5-Trimethylbenzene	10.78	105	9355	0.873 ug/l	98
81) trans-1,4-Dichloro-2-buten	10.31	75	84457	55.147 ug/l #	100
84) 1,2,4-Trimethylbenzene	11.15	105	34324	3.144 ug/l	95
85) sec-Butylbenzene	11.33	105	2825	0.219 ug/l	99

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QLast Update : Wed Jun 13 13:55:26 2018
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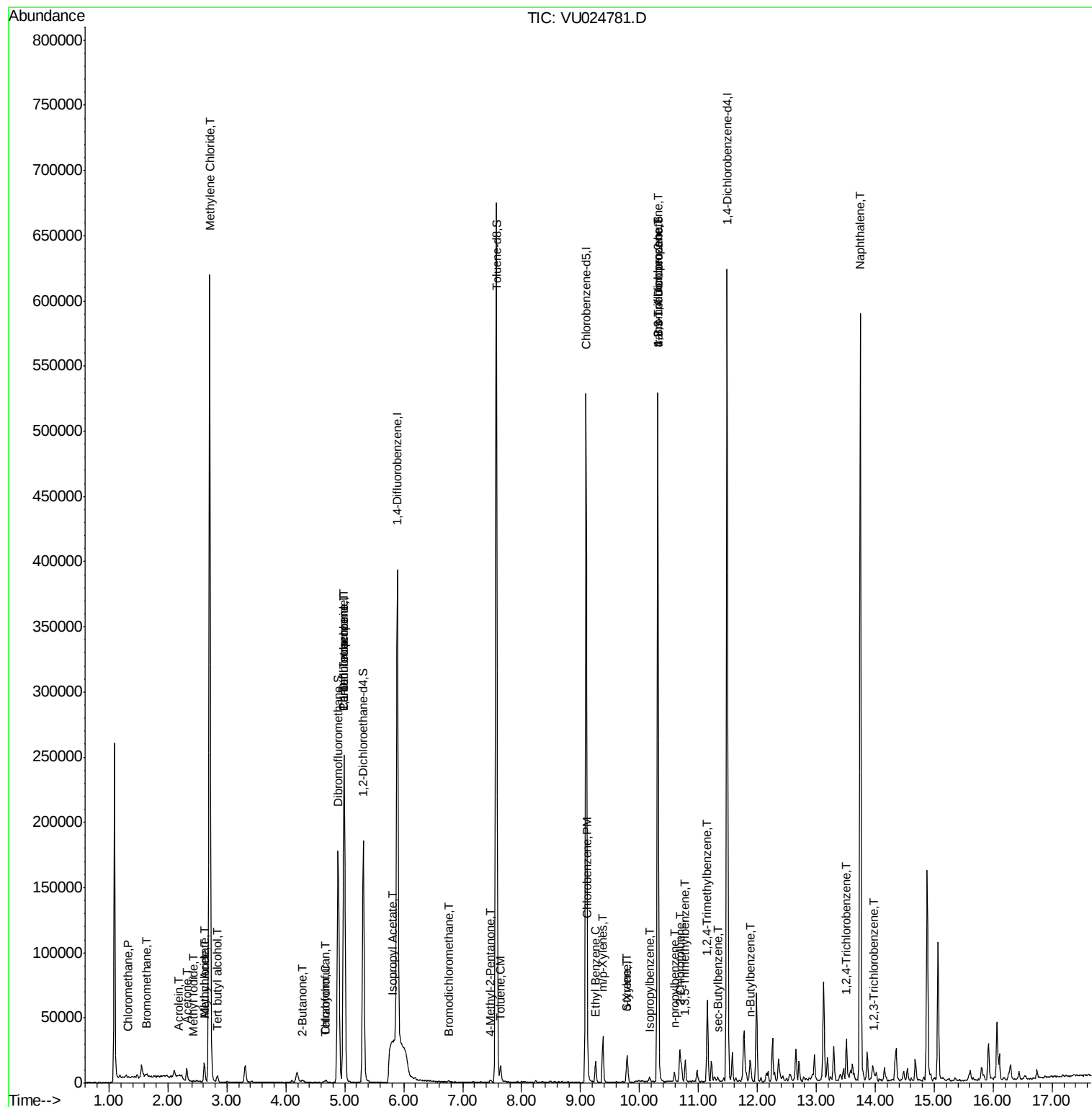
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	11.89	91	4100	0.400	ug/l #	46
93) 1,2,4-Trichlorobenzene	13.51	180	5459	1.527	ug/l	91
95) Naphthalene	13.74	128	455072	38.599	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	1016	0.285	ug/l #	83

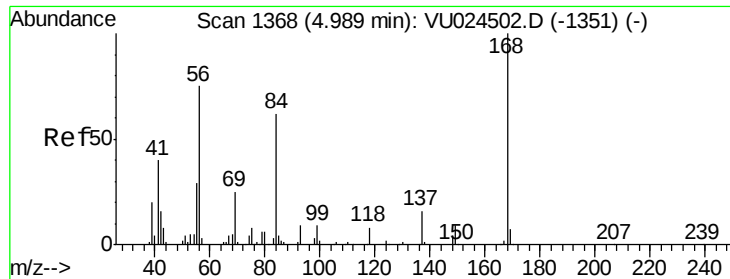
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU024781.D

Acq: 21 Jun 2018 01:37

Instrument :

MSVOA_U

ClientSampleId :

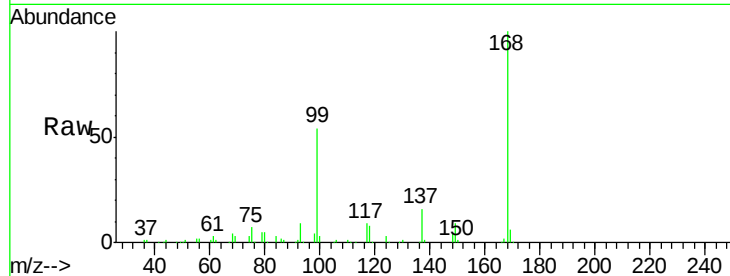
CL-02-061918-C

Tgt Ion:168 Resp: 199349

Ion Ratio Lower Upper

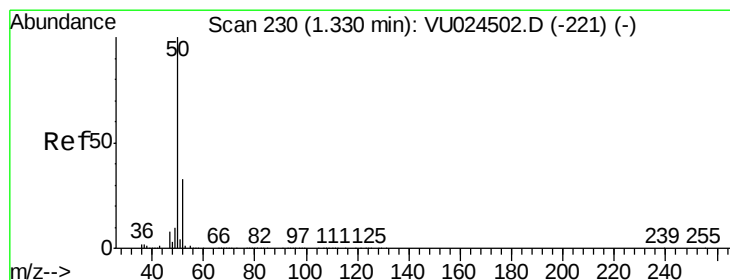
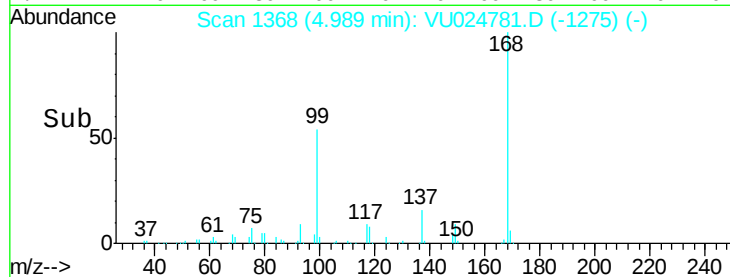
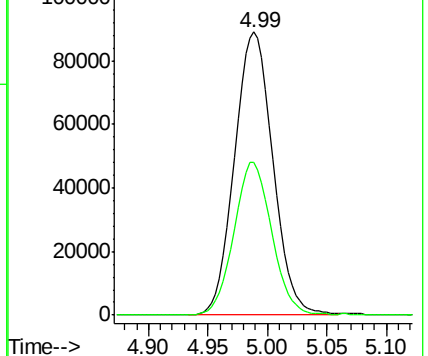
168 100

99 54.1 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: 0.308 ug/l

RT: 1.33 min Scan# 230

Delta R.T. -0.00 min

Lab File: VU024781.D

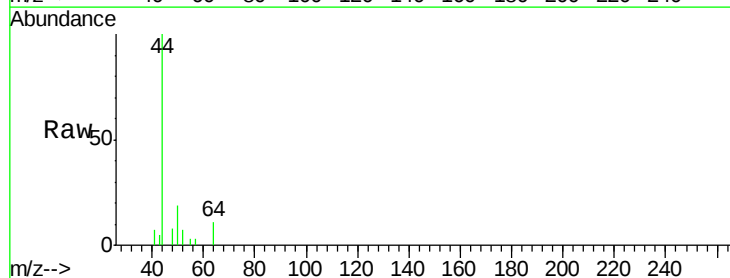
Acq: 21 Jun 2018 01:37

Tgt Ion: 50 Resp: 786

Ion Ratio Lower Upper

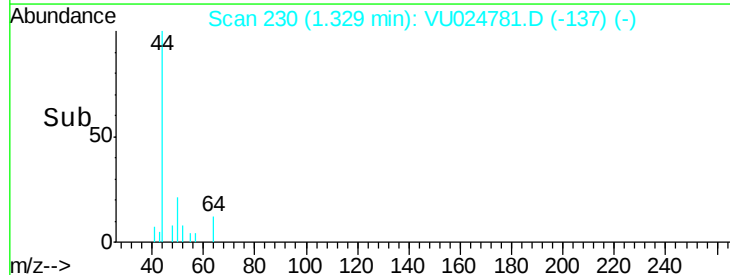
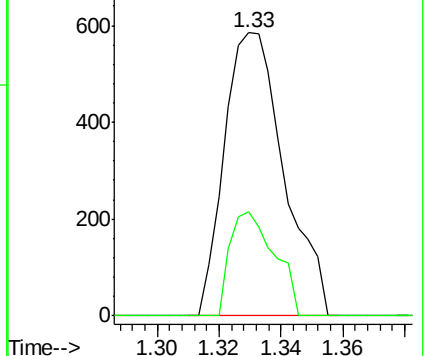
50 100

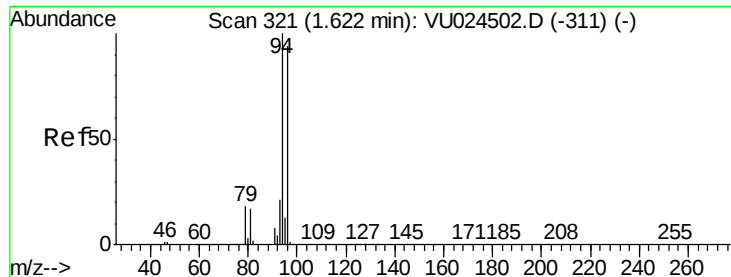
52 36.6 26.4 39.6



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

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





#5

Bromomethane

Concen: 0.497 ug/l

RT: 1.64 min Scan# 326

Delta R.T. 0.02 min

Lab File: VU024781.D

Acq: 21 Jun 2018 01:37

Instrument :

MSVOA_U

ClientSampleId :

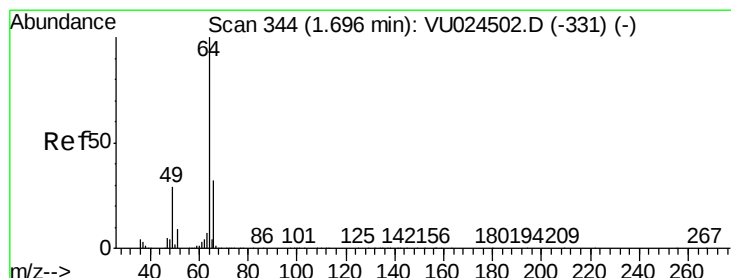
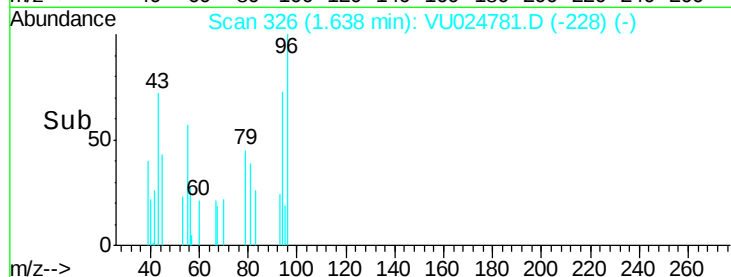
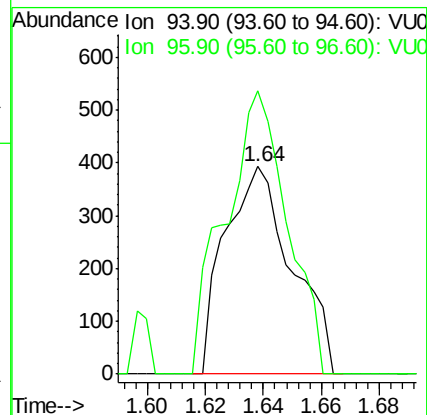
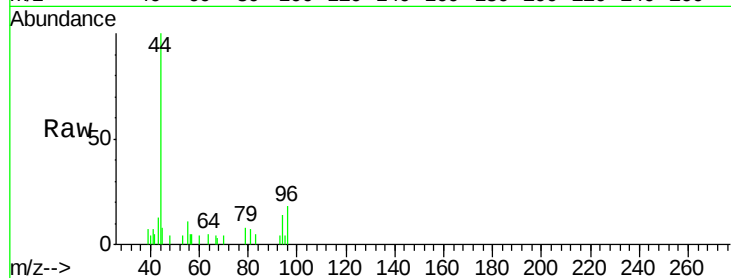
CL-02-061918-C

Tgt Ion: 94 Resp: 631

Ion Ratio Lower Upper

94 100

96 136.4 74.5 111.7#



#6

Chloroethane

Concen: Below Cal

RT: 1.68 min Scan# 339

Delta R.T. -0.02 min

Lab File: VU024781.D

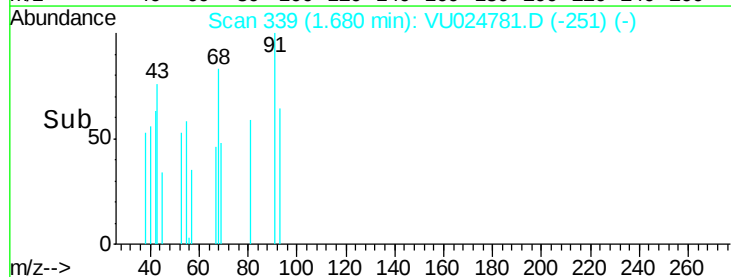
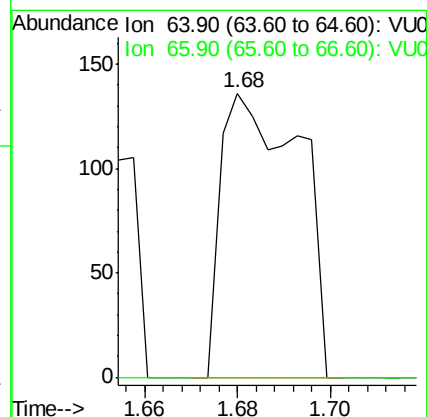
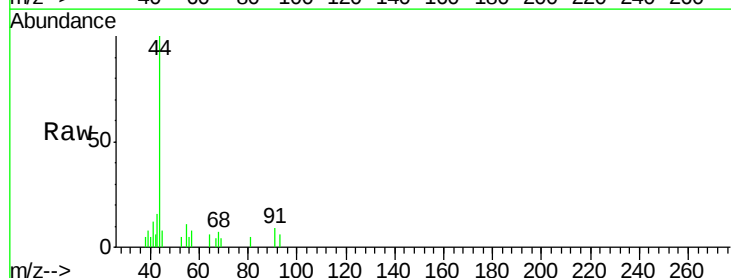
Acq: 21 Jun 2018 01:37

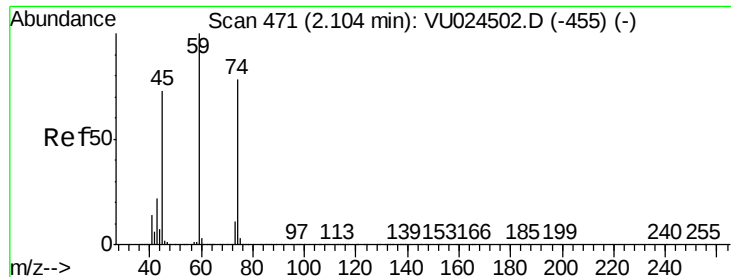
Tgt Ion: 64 Resp: 160

Ion Ratio Lower Upper

64 100

66 0.0 25.5 38.3#





#8

Diethyl Ether

Concen: Below Cal

RT: 2.10 min Scan# 471

Delta R.T. 0.00 min

Lab File: VU024781.D

Acq: 21 Jun 2018 01:37

Instrument :

MSVOA_U

ClientSampleId :

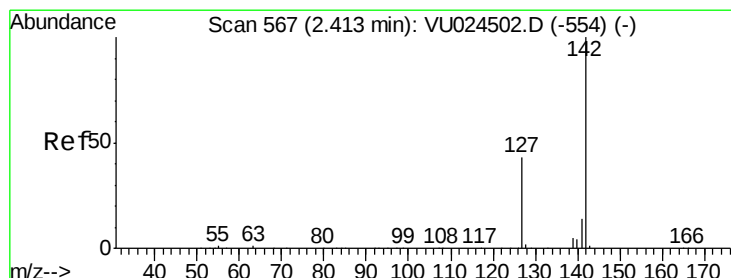
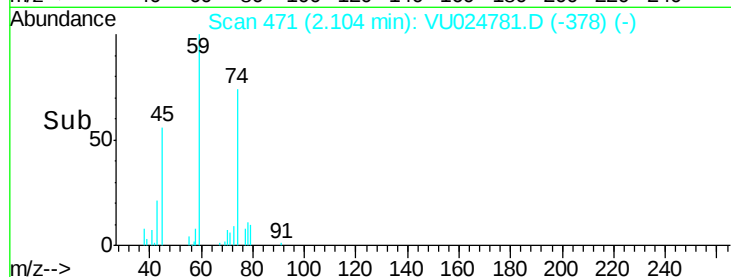
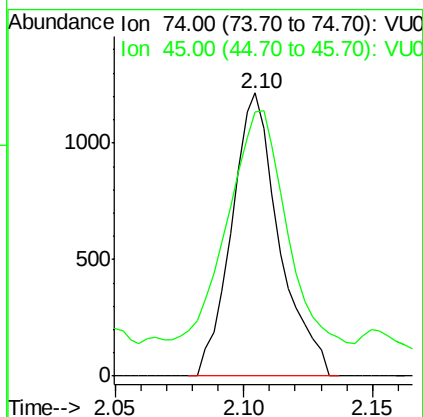
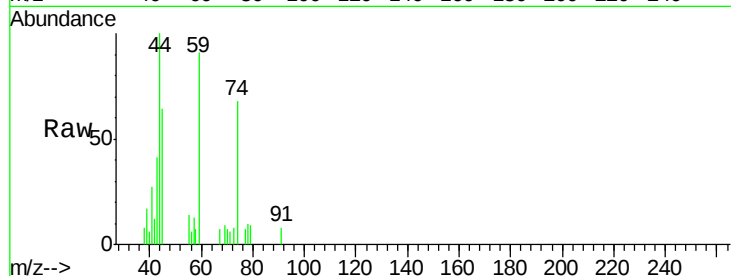
CL-02-061918-C

Tgt Ion: 74 Resp: 1554

Ion Ratio Lower Upper

74 100

45 99.3 55.0 165.0



#10

Methyl Iodide

Concen: 5.385 ug/l

RT: 2.43 min Scan# 571

Delta R.T. 0.01 min

Lab File: VU024781.D

Acq: 21 Jun 2018 01:37

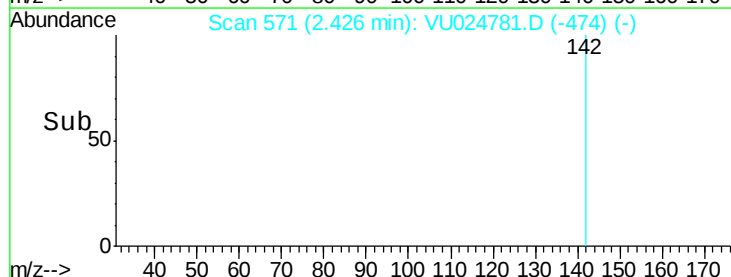
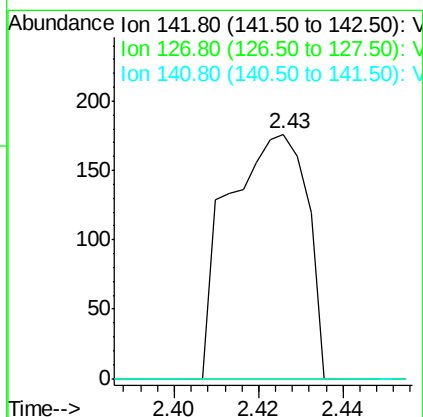
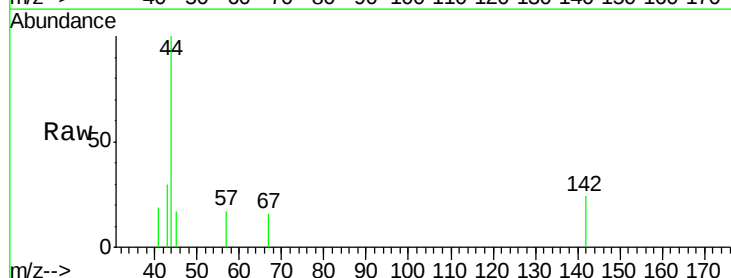
Tgt Ion: 142 Resp: 228

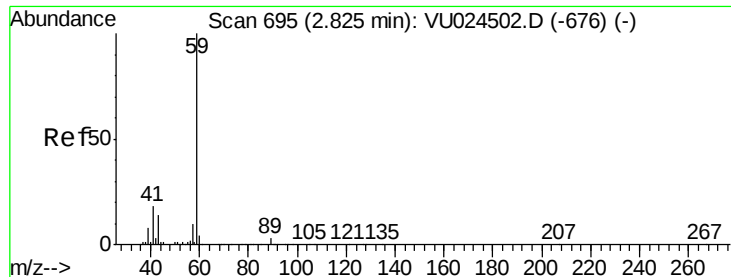
Ion Ratio Lower Upper

142 100

127 0.0 35.6 53.4#

141 0.0 11.7 17.5#

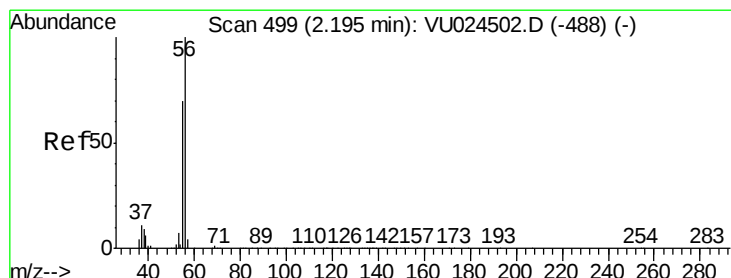
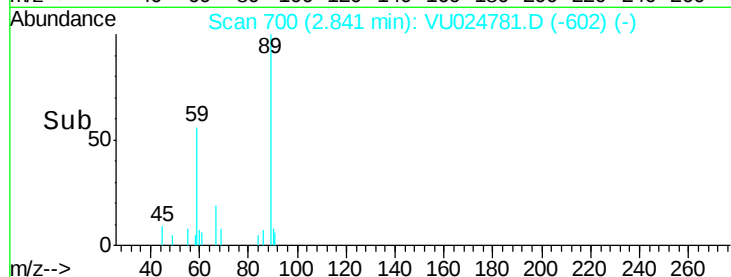
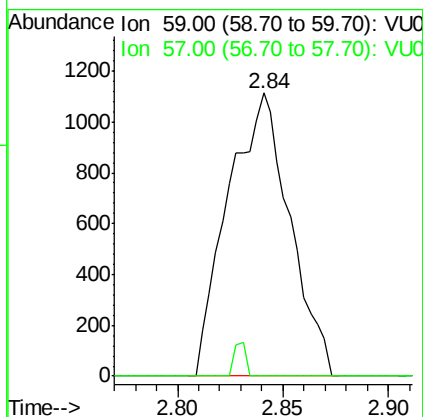
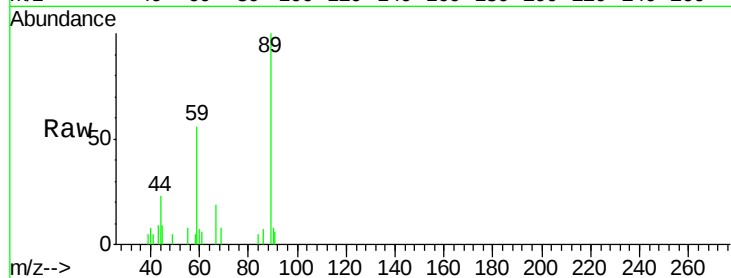




#11
Tert butyl alcohol
Concen: 2.857 ug/l
RT: 2.84 min Scan# 700
Delta R.T. 0.02 min
Lab File: VU024781.D
Acq: 21 Jun 2018 01:37

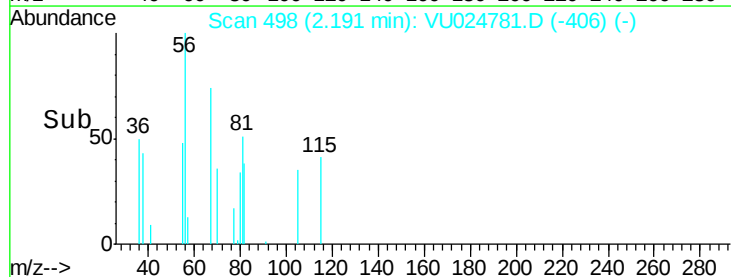
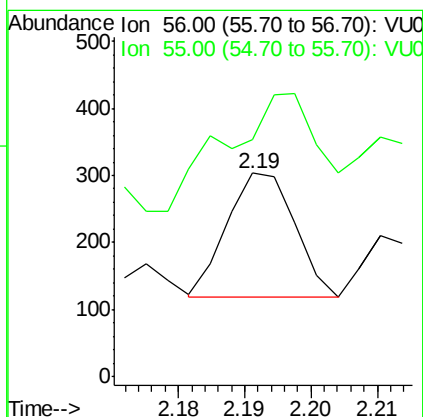
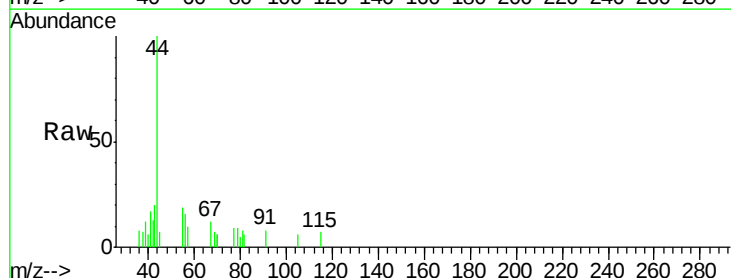
Instrument :
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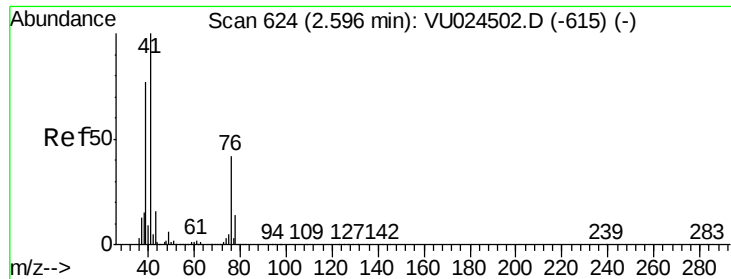
Tgt Ion: 59 Resp: 2261
Ion Ratio Lower Upper
59 100
57 2.2 8.5 12.7#



#13
Acrolein
Concen: 0.320 ug/l
RT: 2.19 min Scan# 498
Delta R.T. -0.00 min
Lab File: VU024781.D
Acq: 21 Jun 2018 01:37

Tgt Ion: 56 Resp: 133
Ion Ratio Lower Upper
56 100
55 127.1 58.4 87.6#

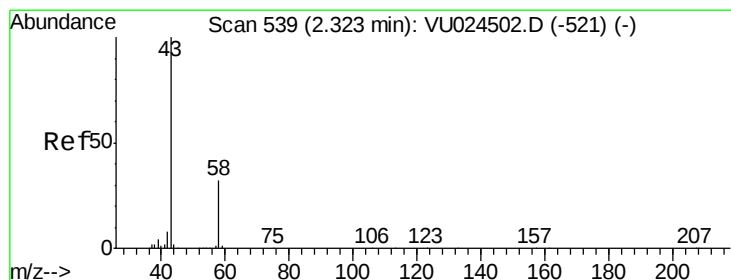
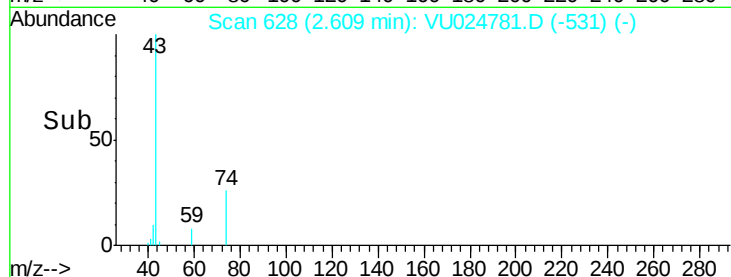
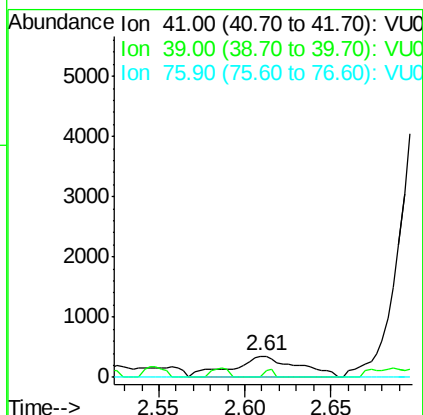
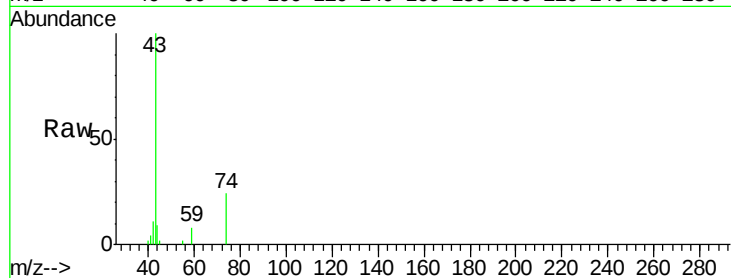




#14
 Allyl chloride
 Concen: 0.225 ug/l
 RT: 2.61 min Scan# 628
 Delta R.T. 0.01 min
 Lab File: VU024781.D
 Acq: 21 Jun 2018 01:37

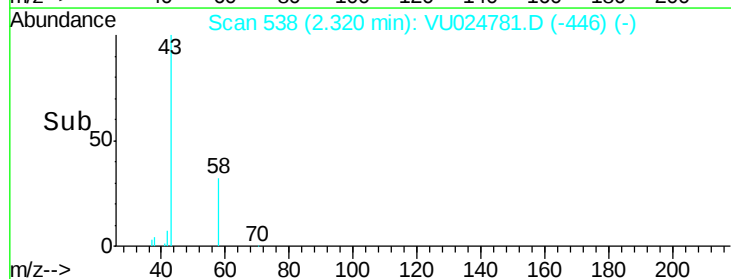
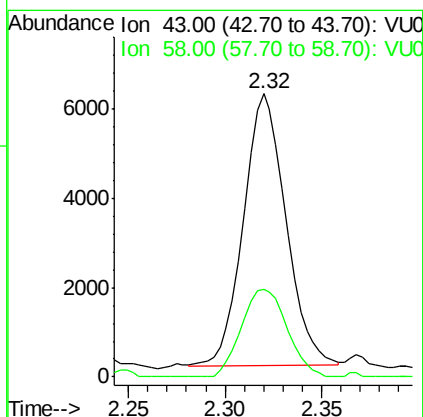
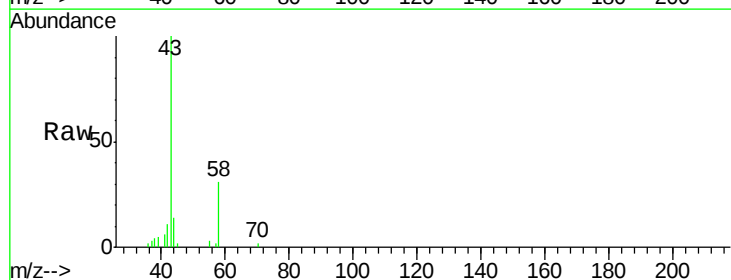
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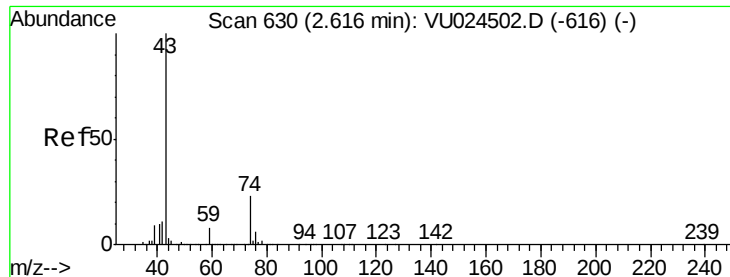
Tgt Ion: 41 Resp: 950
 Ion Ratio Lower Upper
 41 100
 39 5.1 61.6 92.4#
 76 0.0 29.7 44.5#



#16
 Acetone
 Concen: 5.324 ug/l
 RT: 2.32 min Scan# 538
 Delta R.T. -0.00 min
 Lab File: VU024781.D
 Acq: 21 Jun 2018 01:37

Tgt Ion: 43 Resp: 9309
 Ion Ratio Lower Upper
 43 100
 58 32.1 24.4 36.6

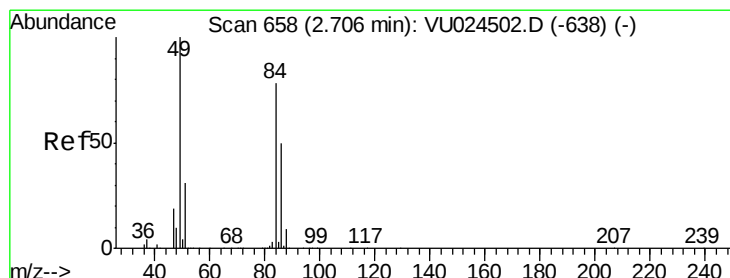
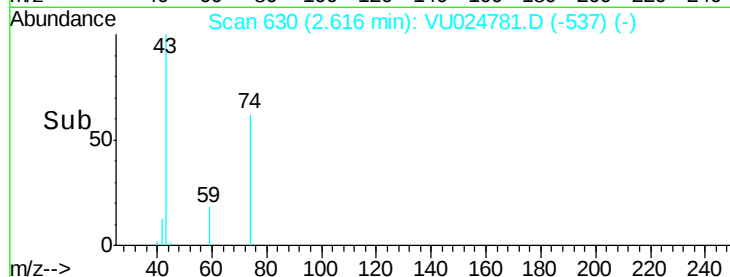
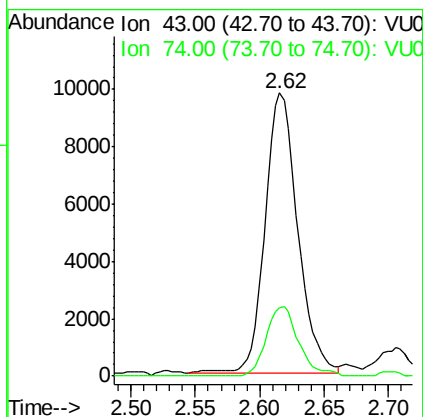
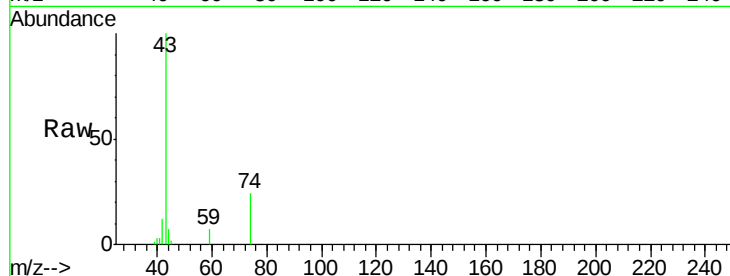




#18
Methyl Acetate
Concen: 4.608 ug/l
RT: 2.62 min Scan# 630
Delta R.T. -0.00 min
Lab File: VU024781.D
Acq: 21 Jun 2018 01:37

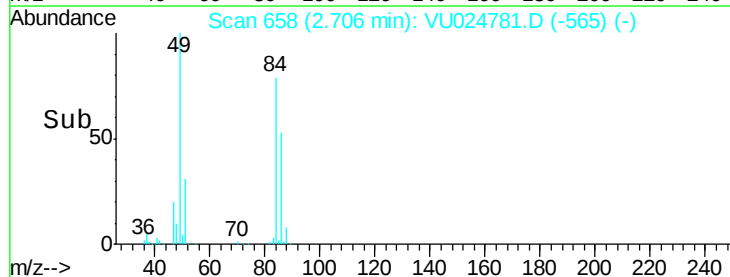
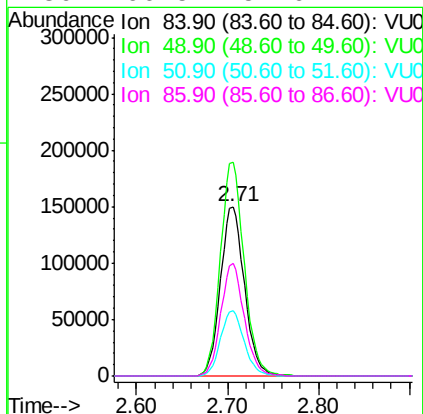
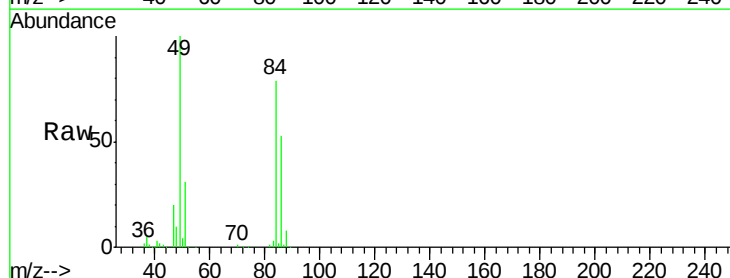
Instrument :
MSVOA_U
ClientSampleId :
CL-02-061918-C

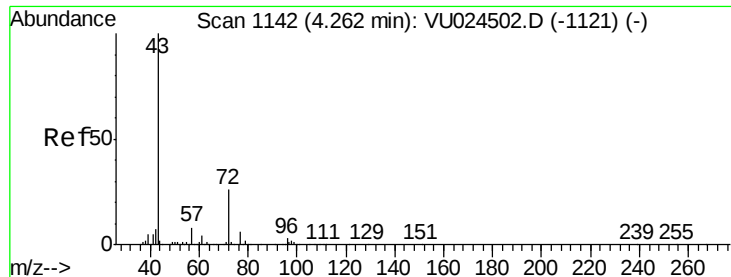
Tgt Ion: 43 Resp: 17275
Ion Ratio Lower Upper
43 100
74 24.7 18.0 27.0



#20
Methylene Chloride
Concen: 100.284 ug/l
RT: 2.71 min Scan# 658
Delta R.T. -0.00 min
Lab File: VU024781.D
Acq: 21 Jun 2018 01:37

Tgt Ion: 84 Resp: 275145
Ion Ratio Lower Upper
84 100
49 126.0 103.8 155.8
51 38.6 32.0 48.0
86 66.5 51.6 77.4

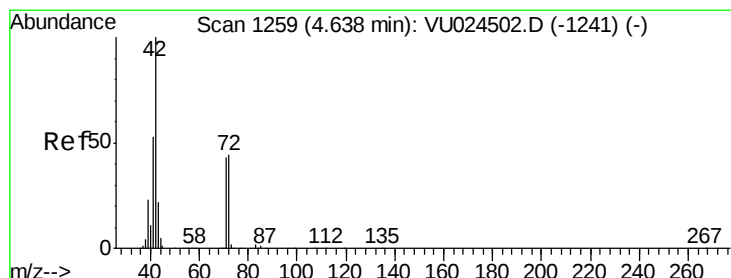
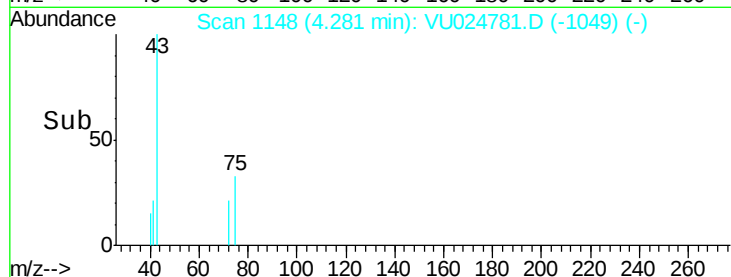
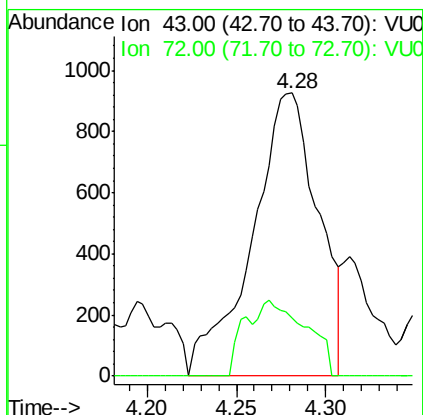
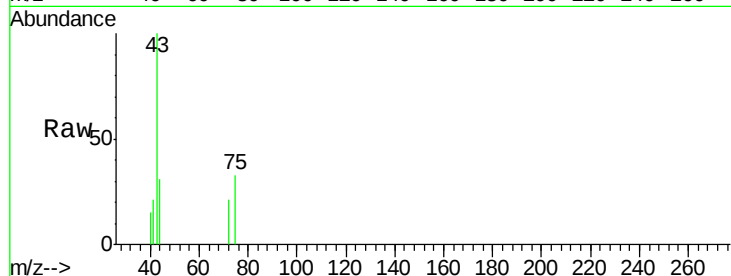




#25
2-Butanone
Concen: 1.015 ug/l
RT: 4.28 min Scan# 1148
Delta R.T. 0.02 min
Lab File: VU024781.D
Acq: 21 Jun 2018 01:37

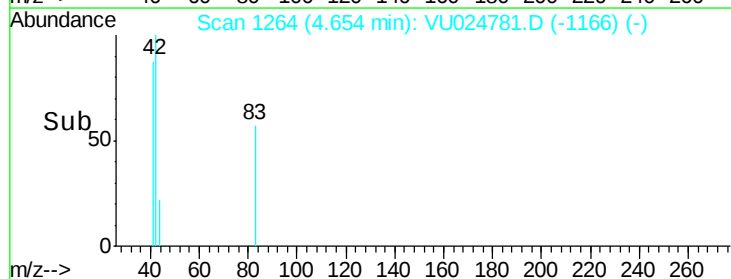
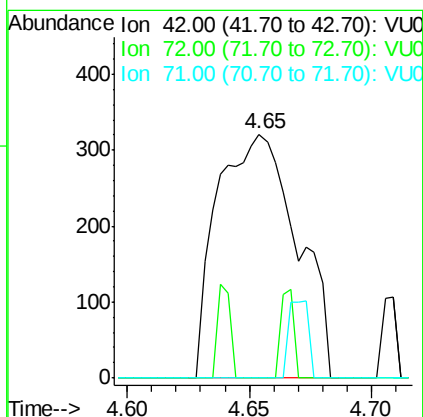
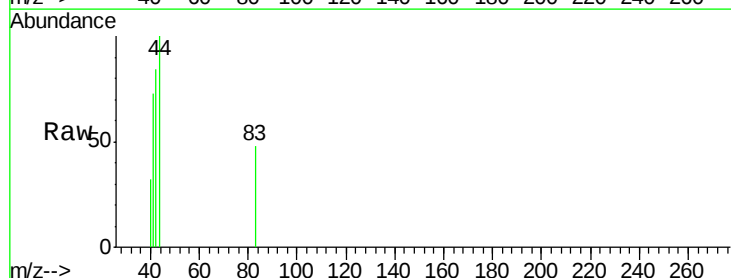
Instrument :
MSVOA_U
ClientSampleId :
CL-02-061918-C

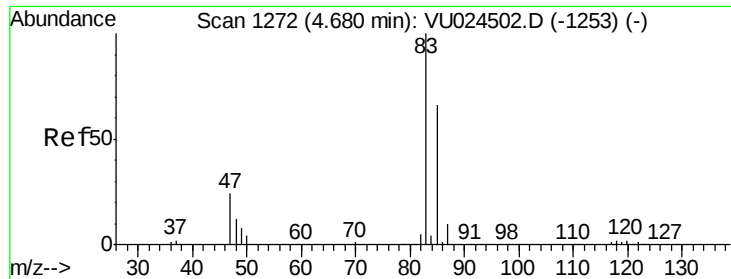
Tgt Ion: 43 Resp: 2385
Ion Ratio Lower Upper
43 100
72 20.5 19.6 29.4



#29
Tetrahydrofuran
Concen: 0.499 ug/l
RT: 4.65 min Scan# 1264
Delta R.T. 0.02 min
Lab File: VU024781.D
Acq: 21 Jun 2018 01:37

Tgt Ion: 42 Resp: 726
Ion Ratio Lower Upper
42 100
72 6.1 34.5 51.7#
71 8.0 32.2 48.4#

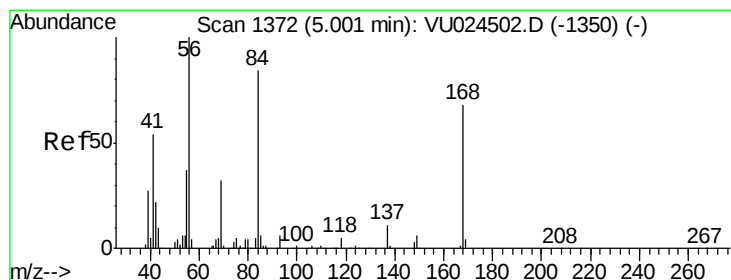
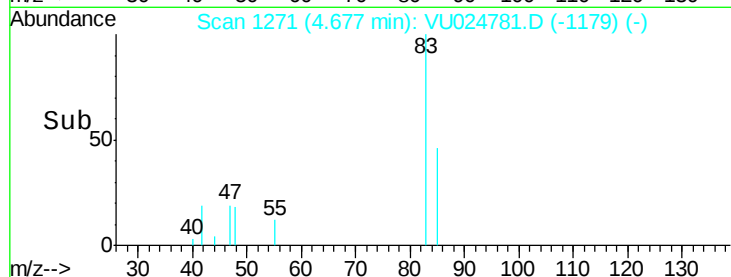
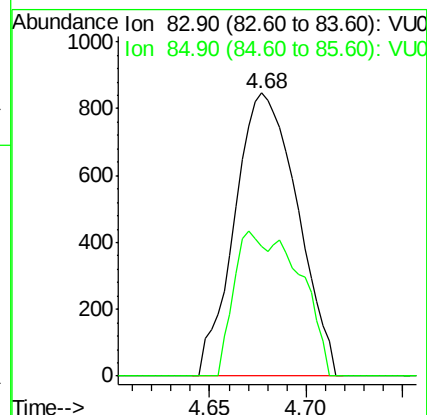
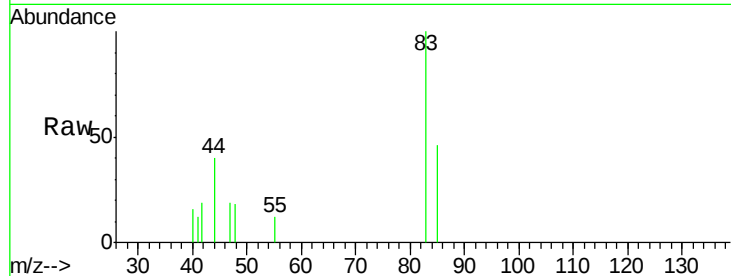




#30
Chloroform
Concen: 0.392 ug/l
RT: 4.68 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VU024781.D
Acq: 21 Jun 2018 01:37

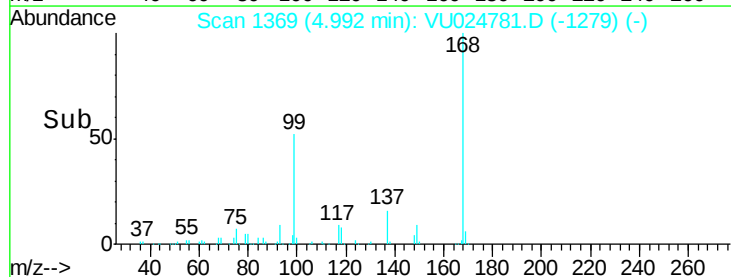
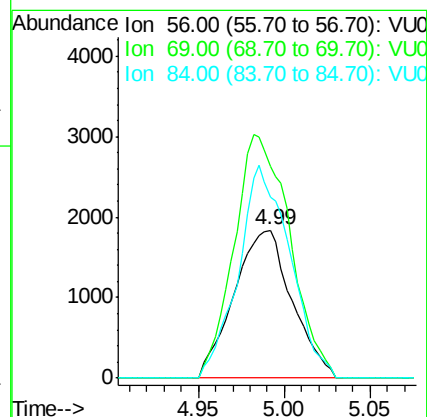
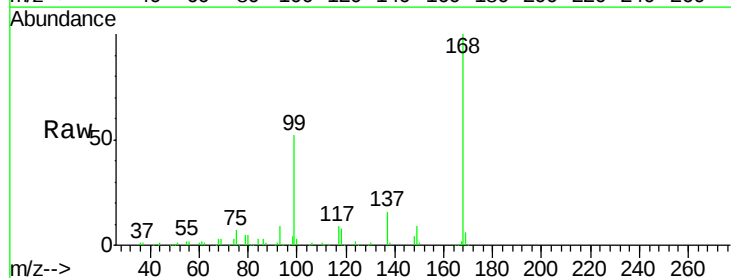
Instrument :
MSVOA_U
ClientSampleId :
CL-02-061918-C

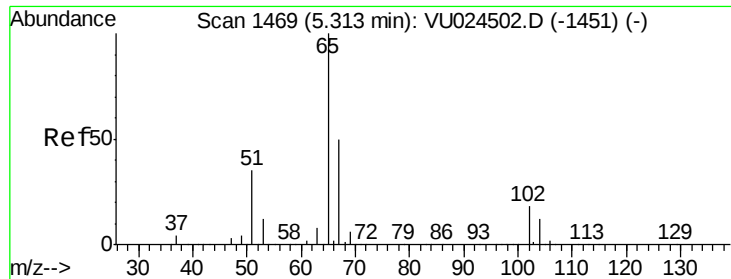
Tgt Ion: 83 Resp: 1909
Ion Ratio Lower Upper
83 100
85 45.8 52.4 78.6#



#31
Cyclohexane
Concen: Below Cal
RT: 4.99 min Scan# 1369
Delta R.T. -0.01 min
Lab File: VU024781.D
Acq: 21 Jun 2018 01:37

Tgt Ion: 56 Resp: 4297
Ion Ratio Lower Upper
56 100
69 143.1 24.8 37.2#
84 122.4 65.2 97.8#

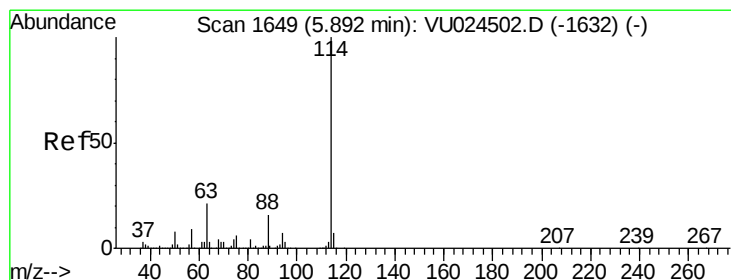
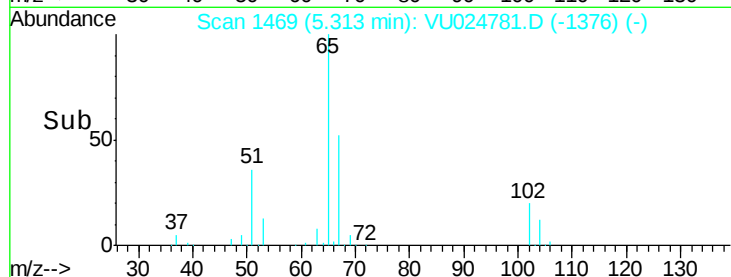
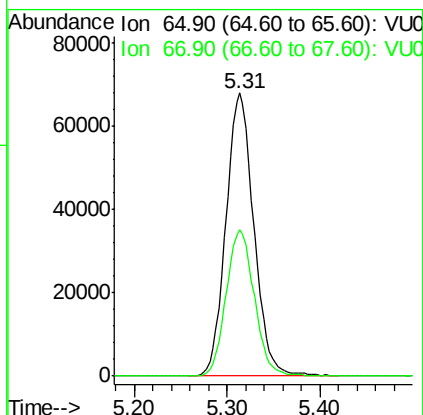
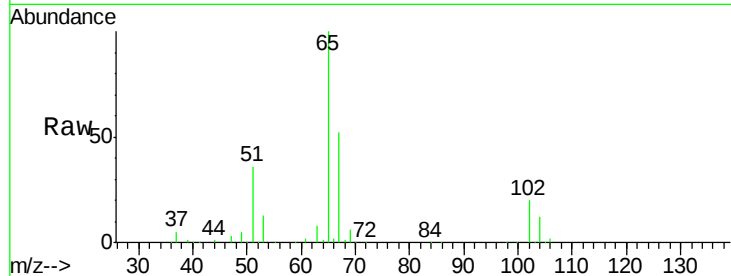




#33
 1,2-Dichloroethane-d4
 Concen: 43.630 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VU024781.D
 Acq: 21 Jun 2018 01:37

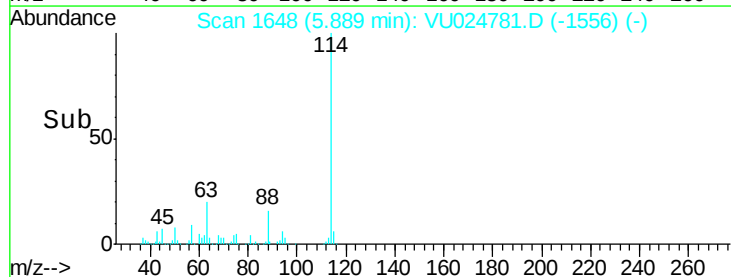
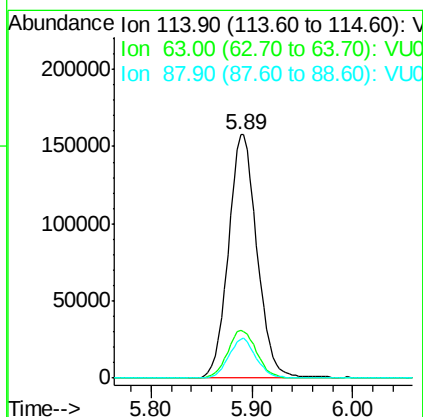
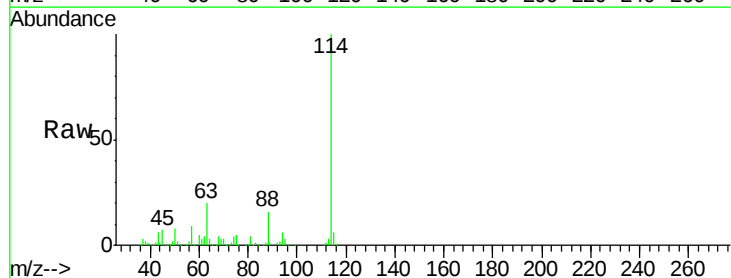
Instrument :
 MSVOA_U
 ClientSampleId :
 CL-02-061918-C

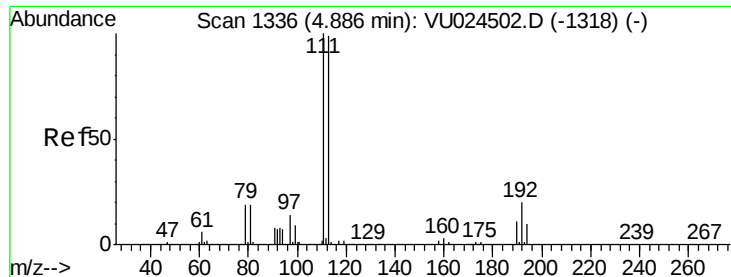
Tgt Ion: 65 Resp: 141989
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VU024781.D
 Acq: 21 Jun 2018 01:37

Tgt Ion: 114 Resp: 312130
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 45.4
 88 16.0 0.0 31.0

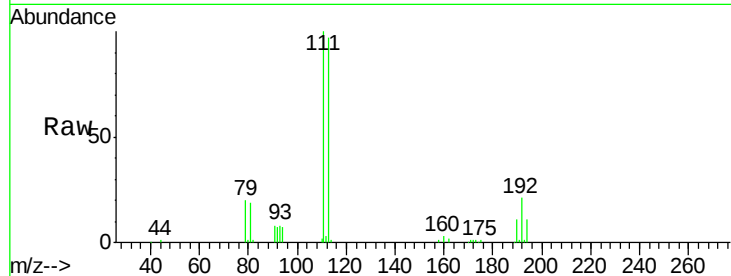




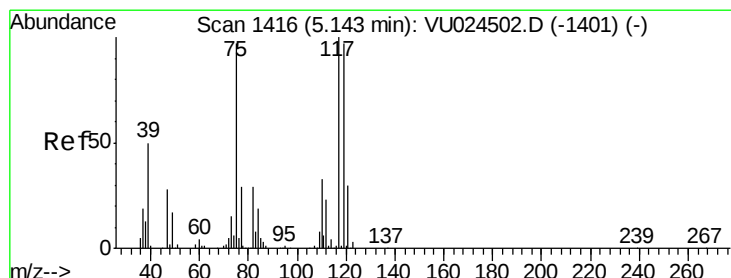
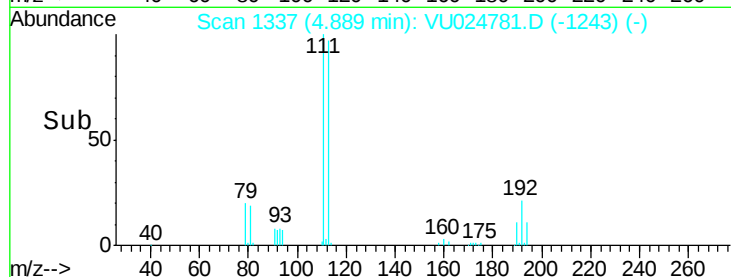
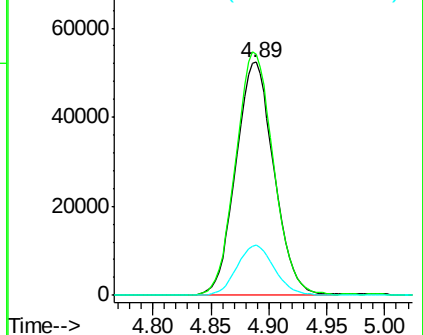
#35
Dibromofluoromethane
Concen: 46.190 ug/l
RT: 4.89 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VU024781.D
Acq: 21 Jun 2018 01:37

Instrument :
MSVOA_U
ClientSampleId :
CL-02-061918-C

Tgt Ion:113 Resp: 119652
Ion Ratio Lower Upper
113 100
111 103.9 82.2 123.4
192 21.1 16.2 24.4

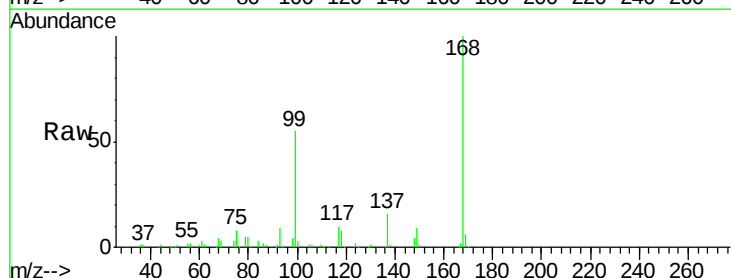


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

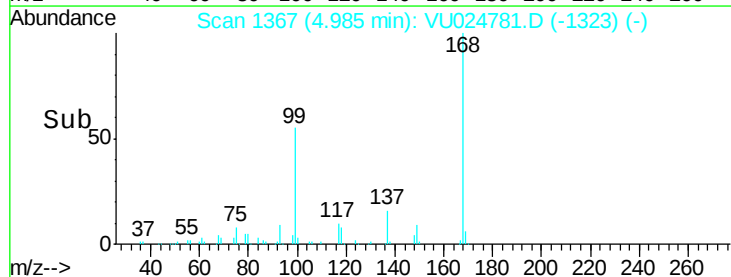
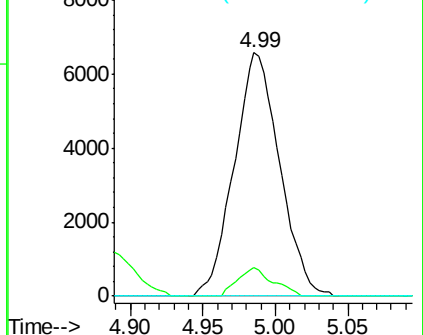


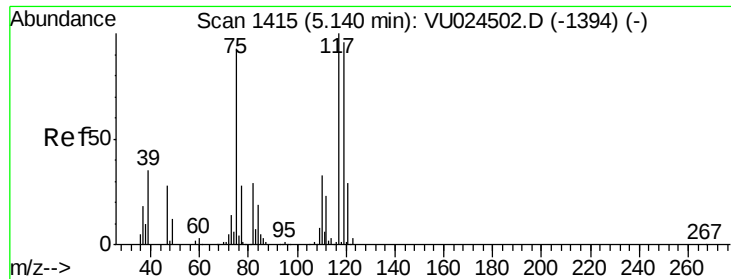
#36
1,1-Dichloropropene
Concen: 3.899 ug/l
RT: 4.99 min Scan# 1367
Delta R.T. -0.16 min
Lab File: VU024781.D
Acq: 21 Jun 2018 01:37

Tgt Ion: 75 Resp: 14301
Ion Ratio Lower Upper
75 100
110 9.0 17.0 50.9#
77 0.0 24.2 36.4#



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

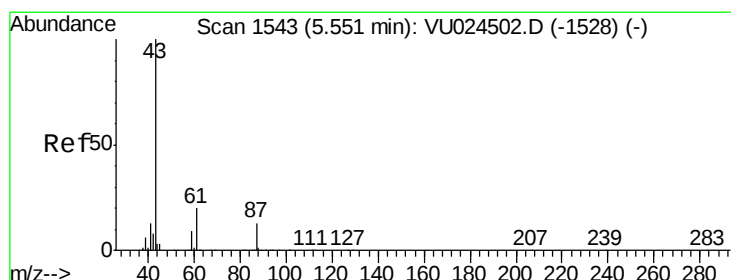
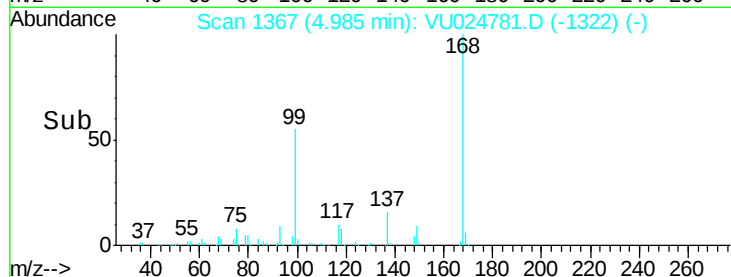
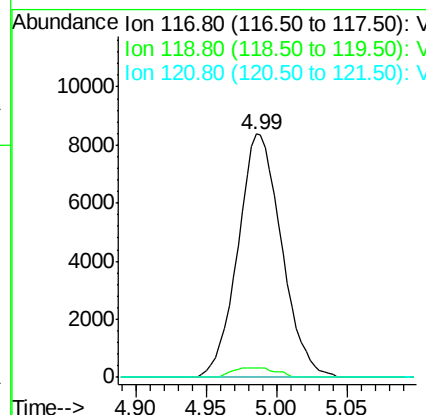
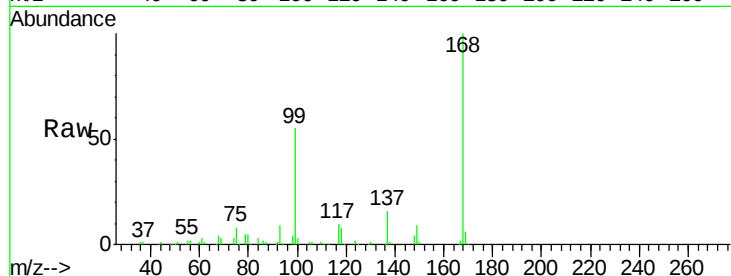




#38
Carbon Tetrachloride
Concen: 4.498 ug/l
RT: 4.99 min Scan# 1367
Delta R.T. -0.15 min
Lab File: VU024781.D
Acq: 21 Jun 2018 01:37

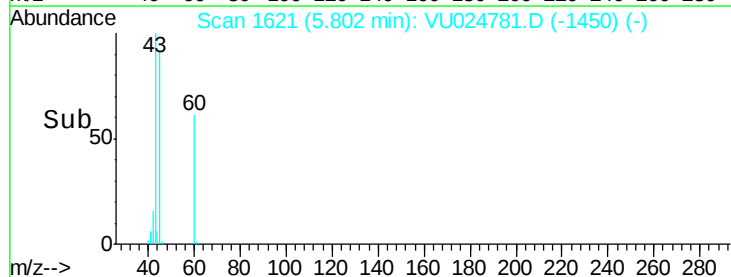
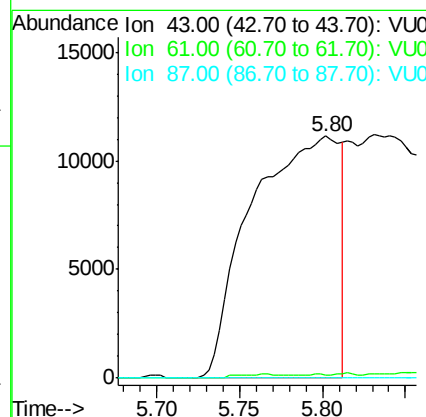
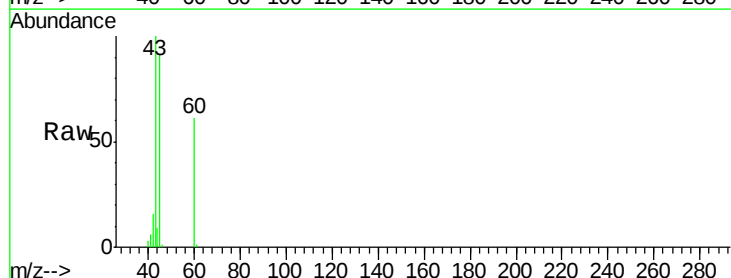
Instrument :
MSVOA_U
ClientSampleId :
CL-02-061918-C

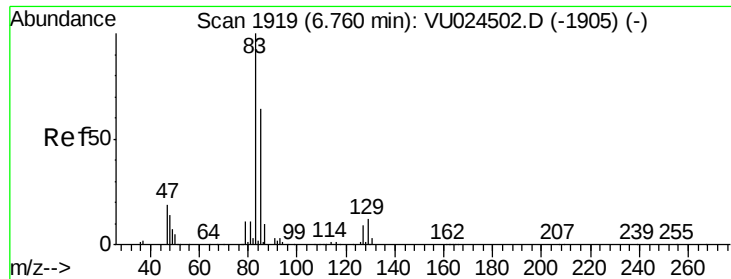
Tgt Ion:117 Resp: 18142
Ion Ratio Lower Upper
117 100
119 3.9 76.1 114.1#
121 0.0 23.7 35.5#



#43
Isopropyl Acetate
Concen: 5.965 ug/l
RT: 5.80 min Scan# 1621
Delta R.T. 0.25 min
Lab File: VU024781.D
Acq: 21 Jun 2018 01:37

Tgt Ion: 43 Resp: 41217
Ion Ratio Lower Upper
43 100
61 0.0 15.4 23.0#
87 0.0 10.0 15.0#





#47

Bromodichloromethane

Concen: 0.213 ug/l

RT: 6.76 min Scan# 1918

Delta R.T. -0.00 min

Lab File: VU024781.D

Acq: 21 Jun 2018 01:37

Instrument :

MSVOA_U

ClientSampleId :

CL-02-061918-C

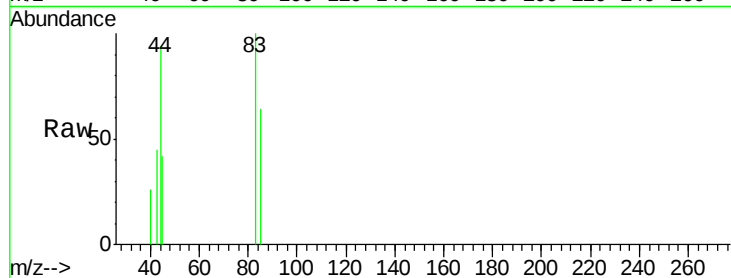
Tgt Ion: 83 Resp: 832

Ion Ratio Lower Upper

83 100

85 64.0 51.9 77.9

127 0.0 6.6 9.8#



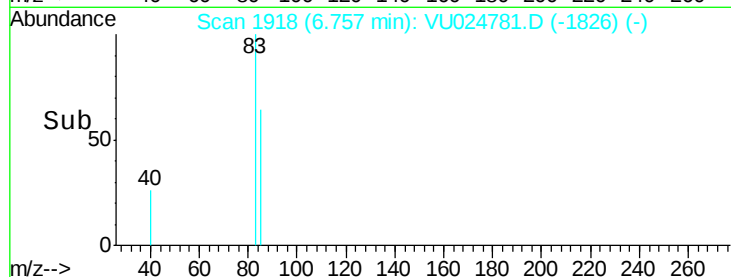
Abundance Ion 82.90 (82.60 to 83.60): VU024781.D (-1826) (-)

Ion 84.90 (84.60 to 85.60): VU024781.D (-1826) (-)

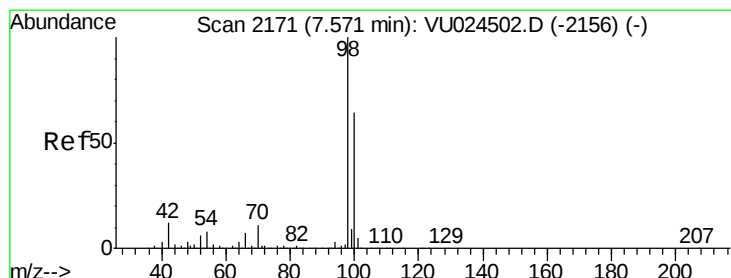
Ion 126.80 (126.50 to 127.50): VU024781.D (-1826) (-)

6.76

Time-->



Time-->



#50

Toluene-d8

Concen: 47.497 ug/l

RT: 7.57 min Scan# 2171

Delta R.T. -0.00 min

Lab File: VU024781.D

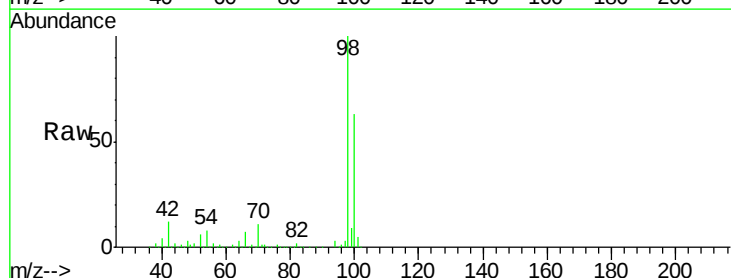
Acq: 21 Jun 2018 01:37

Tgt Ion: 98 Resp: 448795

Ion Ratio Lower Upper

98 100

100 63.5 51.1 76.7

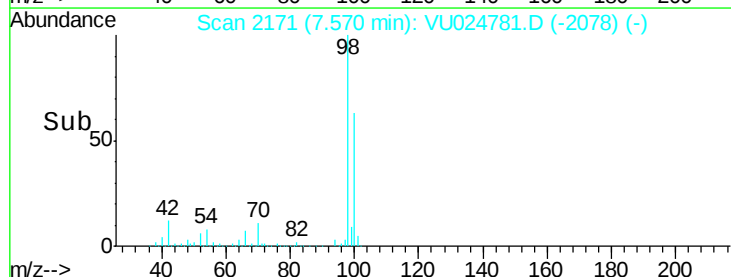


Abundance Ion 98.00 (97.70 to 98.70): VU024781.D (-2078) (-)

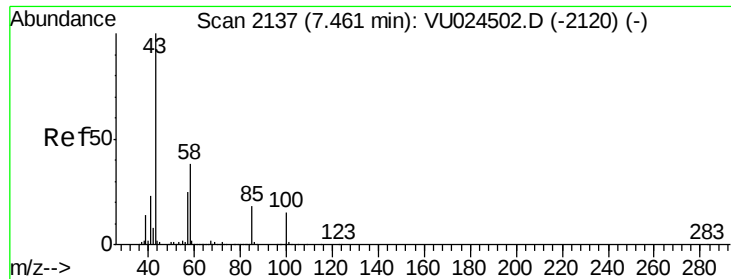
Ion 100.00 (99.70 to 100.70): VU024781.D (-2078) (-)

7.57

Time-->



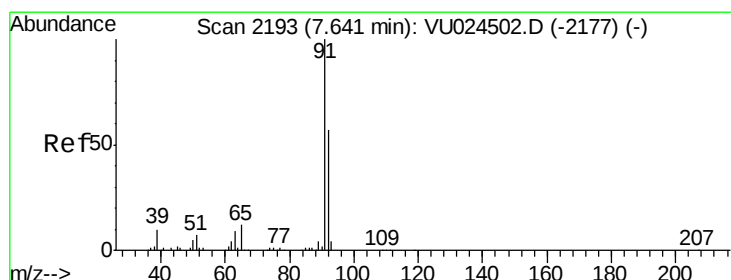
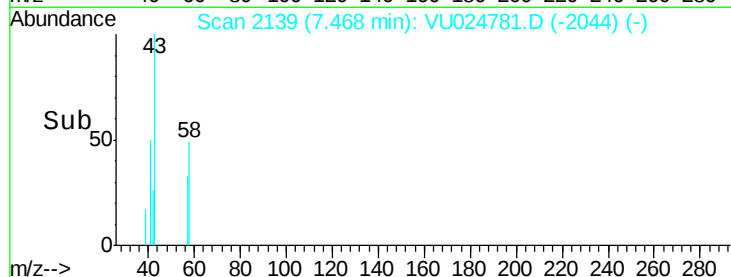
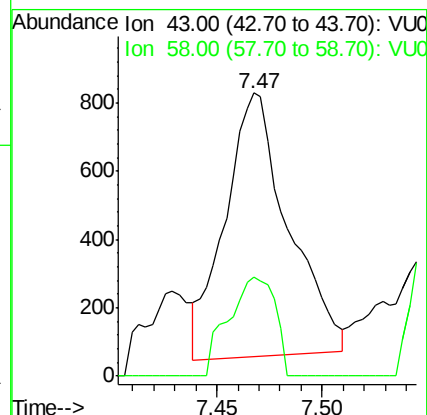
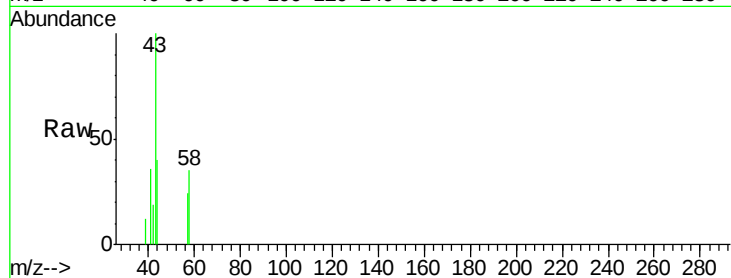
Time-->



#51
 4-Methyl-2-Pentanone
 Concen: 0.371 ug/l
 RT: 7.47 min Scan# 2139
 Delta R.T. 0.01 min
 Lab File: VU024781.D
 Acq: 21 Jun 2018 01:37

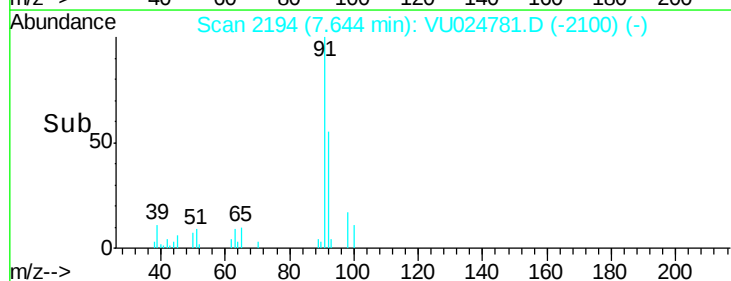
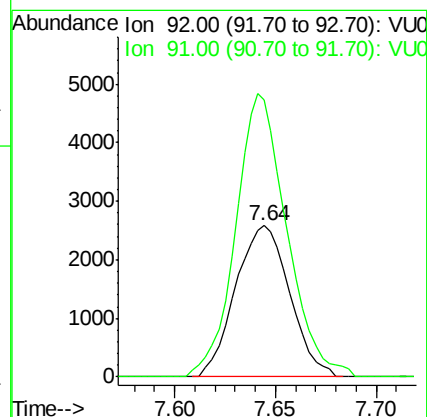
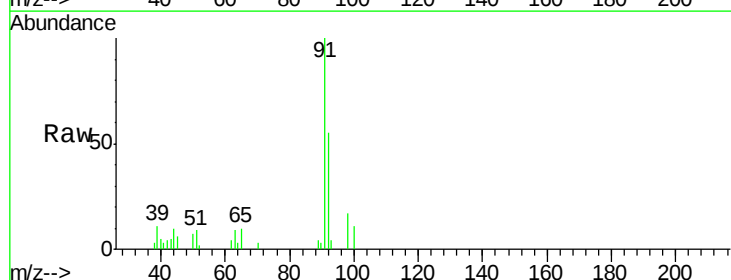
Instrument :
 MSVOA_U
 ClientSampleId :
 CL-02-061918-C

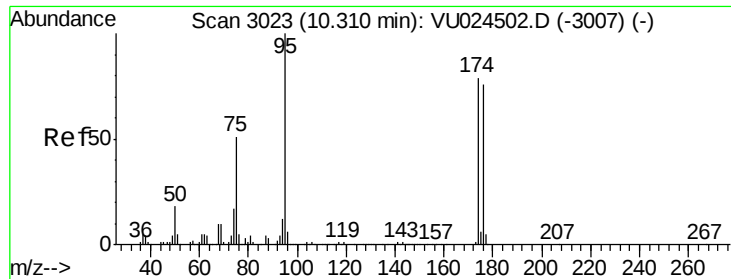
Tgt Ion: 43 Resp: 1612
 Ion Ratio Lower Upper
 43 100
 58 27.6 30.0 45.0#



#52
 Toluene
 Concen: 0.720 ug/l
 RT: 7.64 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VU024781.D
 Acq: 21 Jun 2018 01:37

Tgt Ion: 92 Resp: 4840
 Ion Ratio Lower Upper
 92 100
 91 176.4 140.5 210.7

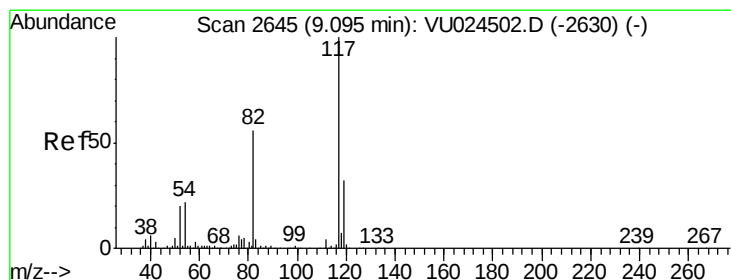
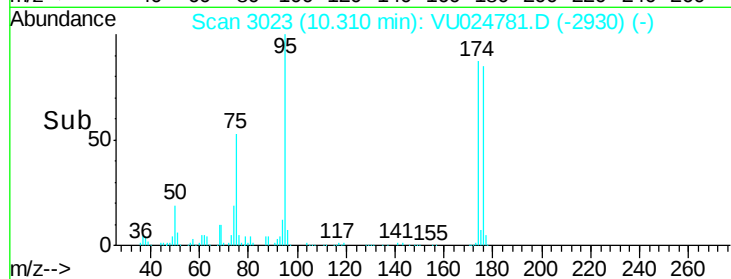
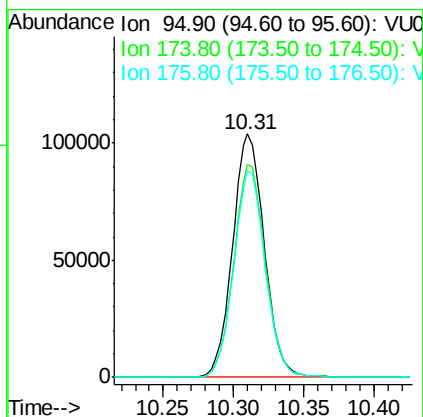
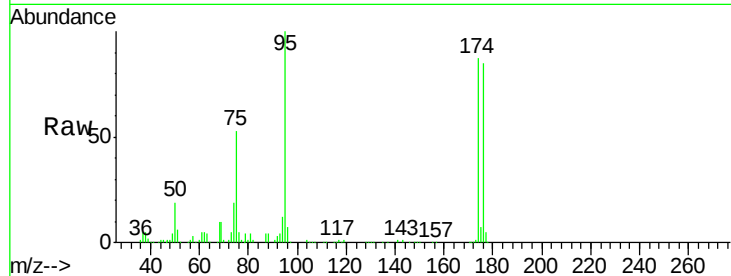




#62
4-Bromofluorobenzene
Concen: 43.660 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. -0.00 min
Lab File: VU024781.D
Acq: 21 Jun 2018 01:37

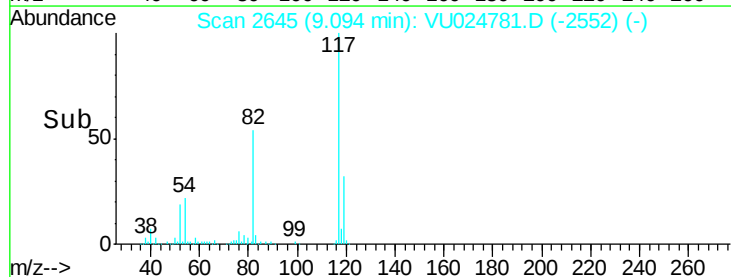
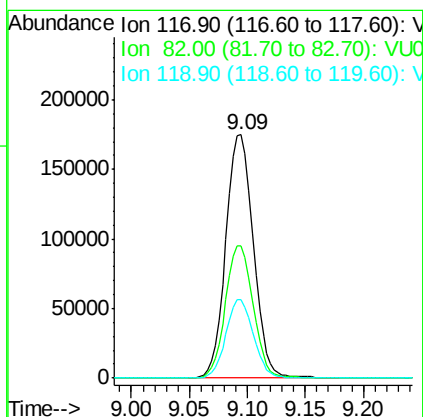
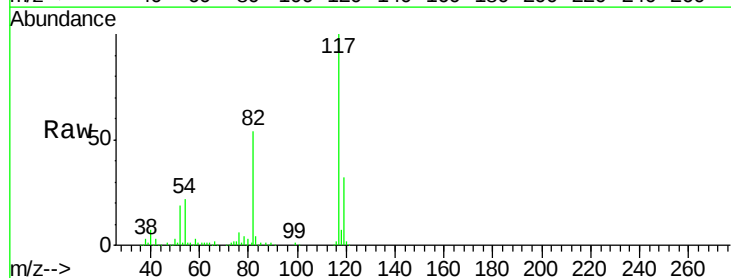
Instrument :
MSVOA_U
ClientSampleId :
CL-02-061918-C

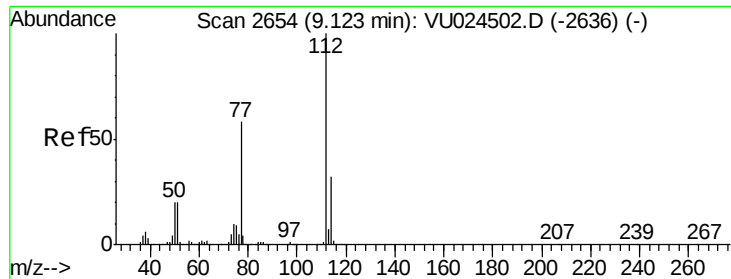
Tgt Ion	Ratio	Lower	Upper
95	100		
174	87.9	0.0	165.8
176	84.5	0.0	159.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. -0.00 min
Lab File: VU024781.D
Acq: 21 Jun 2018 01:37

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.1	44.3	66.5
119	32.1	25.4	38.2





#65

Chlorobenzene

Concen: 0.254 ug/l

RT: 9.12 min Scan# 2654

Delta R.T. -0.00 min

Lab File: VU024781.D

Acq: 21 Jun 2018 01:37

Instrument :

MSVOA_U

ClientSampleId :

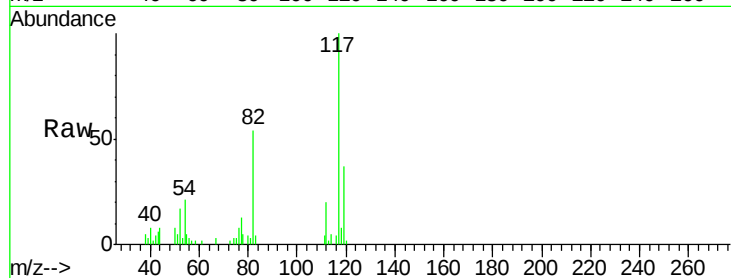
CL-02-061918-C

Tgt Ion:112 Resp: 1883

Ion Ratio Lower Upper

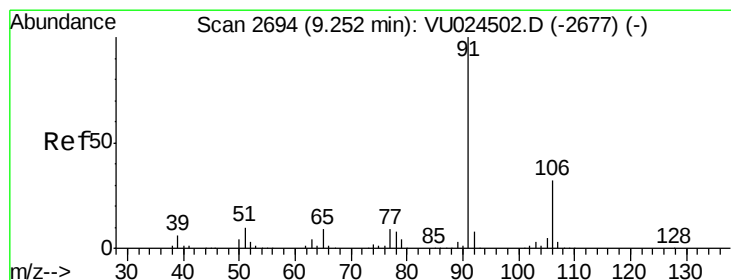
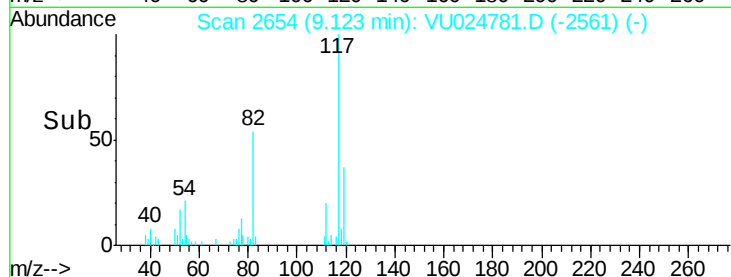
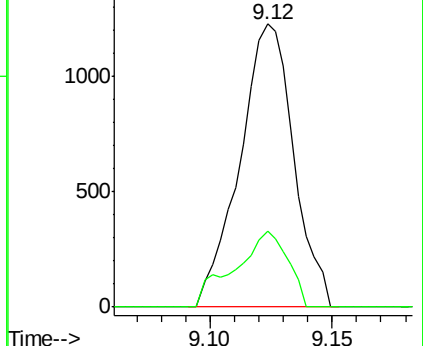
112 100

114 27.0 25.6 38.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#67

Ethyl Benzene

Concen: 0.927 ug/l

RT: 9.26 min Scan# 2695

Delta R.T. 0.00 min

Lab File: VU024781.D

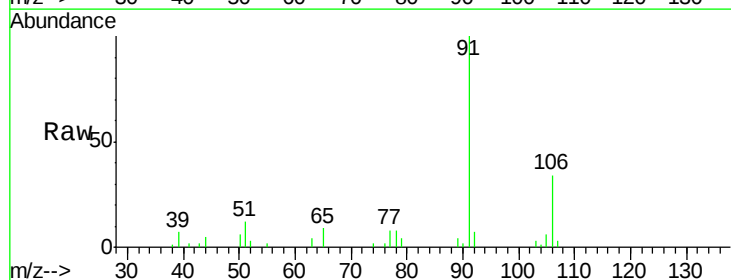
Acq: 21 Jun 2018 01:37

Tgt Ion: 91 Resp: 12032

Ion Ratio Lower Upper

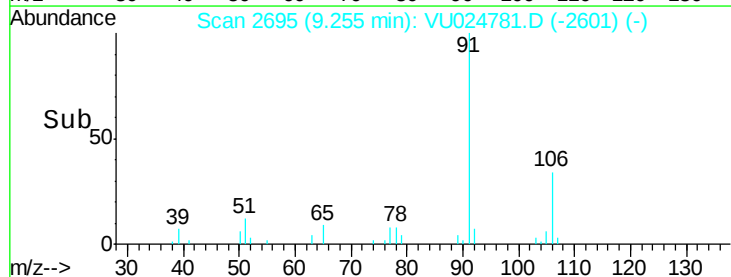
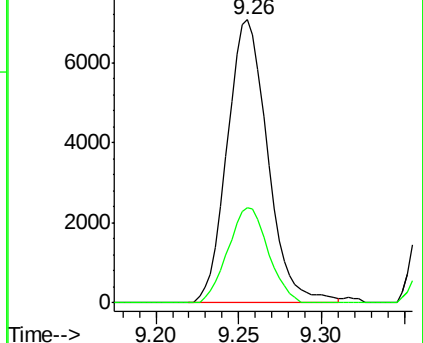
91 100

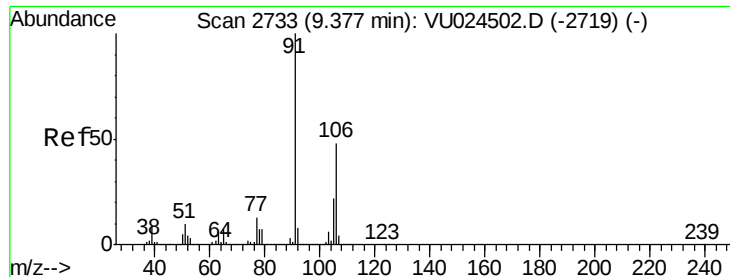
106 33.8 24.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 106.00 (105.70 to 106.70): V

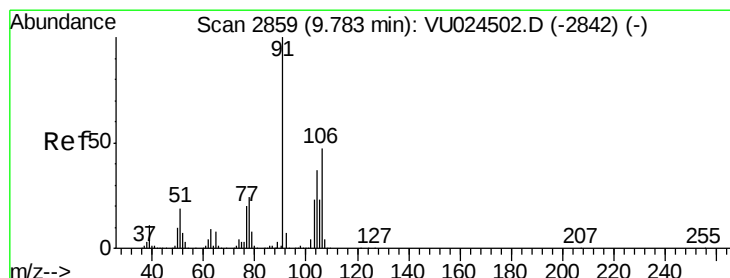
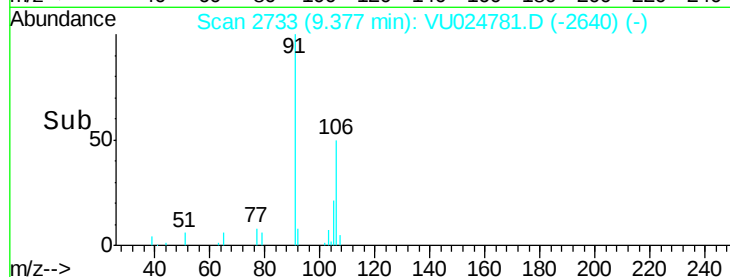
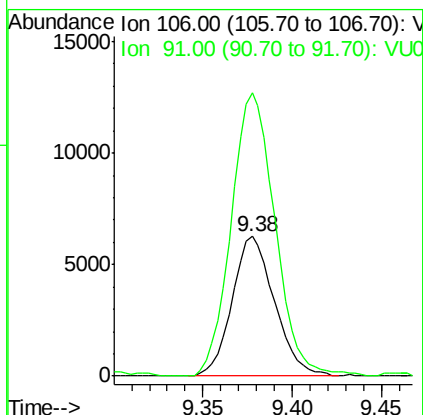
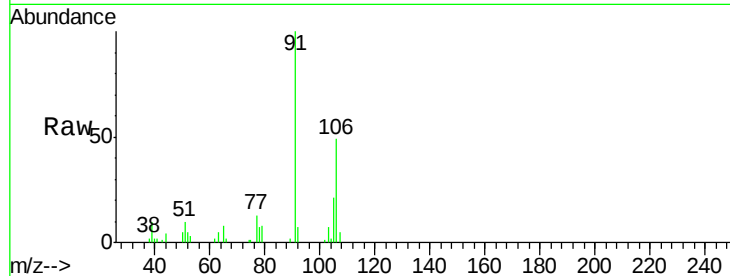




#68
m/p-Xylenes
Concen: 2.077 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. -0.00 min
Lab File: VU024781.D
Acq: 21 Jun 2018 01:37

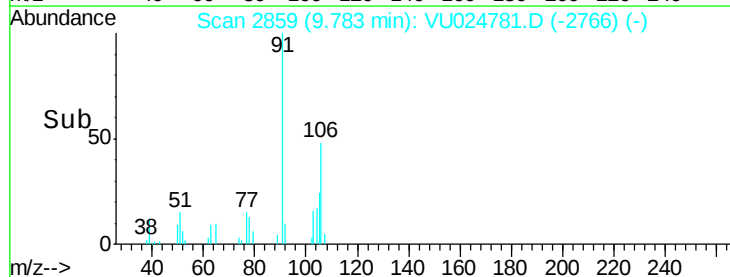
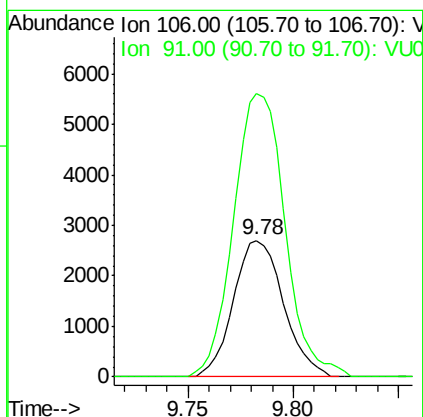
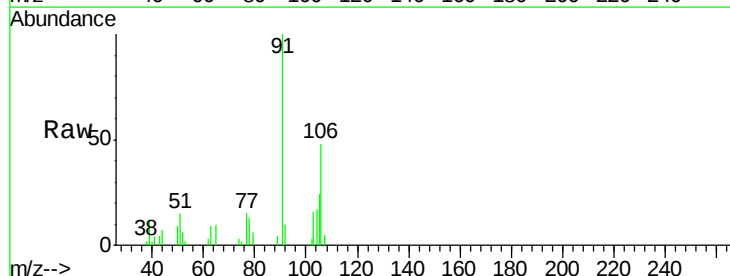
Instrument :
MSVOA_U
ClientSampleId :
CL-02-061918-C

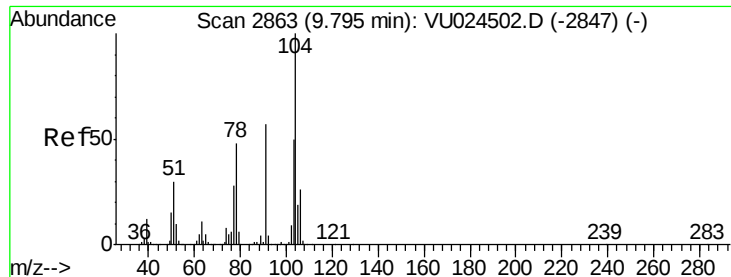
Tgt Ion:106 Resp: 10350
Ion Ratio Lower Upper
106 100
91 209.9 166.5 249.7



#69
o-Xylene
Concen: 0.903 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. -0.00 min
Lab File: VU024781.D
Acq: 21 Jun 2018 01:37

Tgt Ion:106 Resp: 4453
Ion Ratio Lower Upper
106 100
91 213.0 110.7 331.9





#70

Styrene

Concen: 0.609 ug/l

RT: 9.80 min Scan# 2864

Delta R.T. 0.00 min

Lab File: VU024781.D

Acq: 21 Jun 2018 01:37

Instrument :

MSVOA_U

ClientSampleId :

CL-02-061918-C

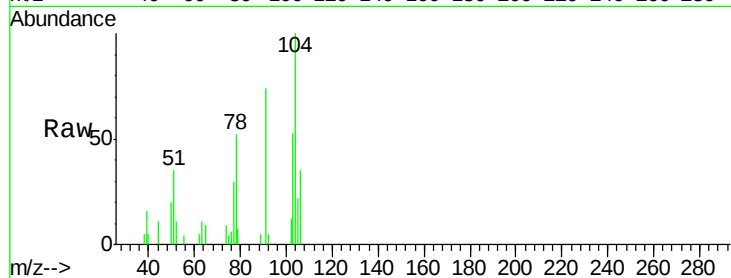
Tgt Ion:104 Resp: 4933

Ion Ratio Lower Upper

104 100

78 55.7 40.6 60.8

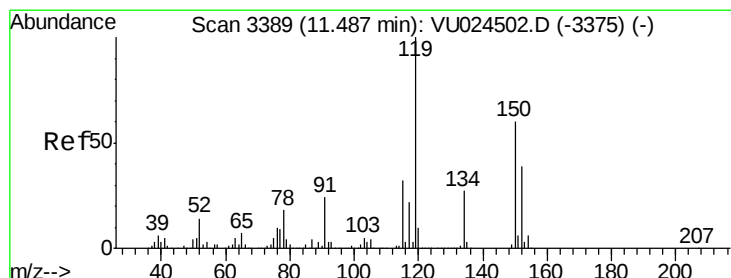
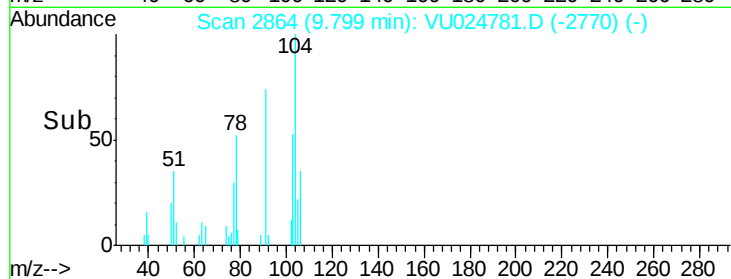
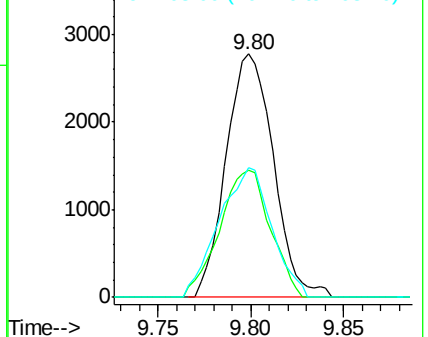
103 59.3 44.7 67.1



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VU024781.D

Acq: 21 Jun 2018 01:37

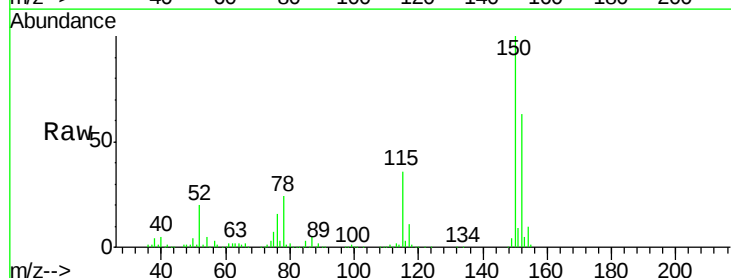
Tgt Ion:152 Resp: 160995

Ion Ratio Lower Upper

152 100

115 56.9 43.0 129.0

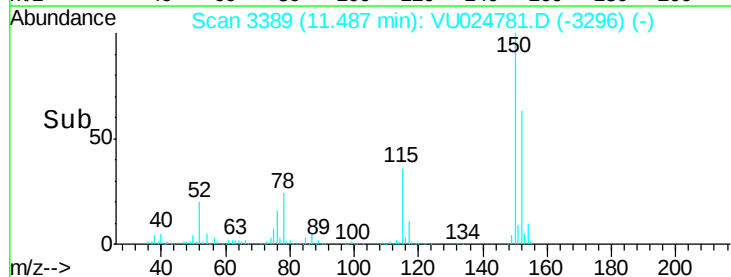
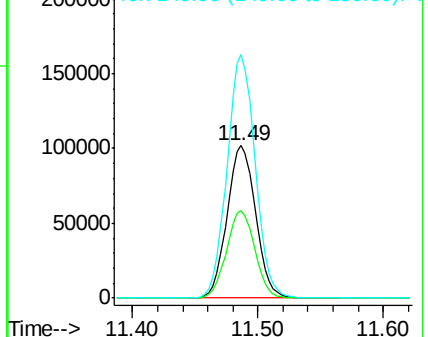
150 157.2 0.0 354.0

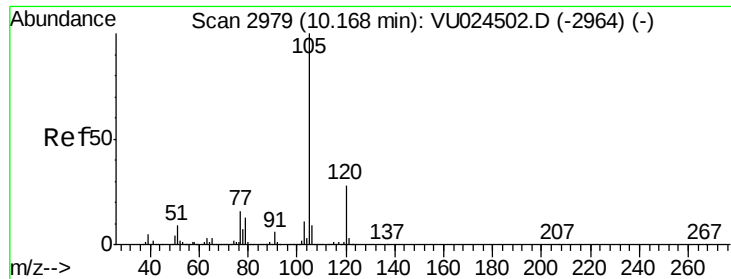


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.213 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. -0.00 min

Lab File: VU024781.D

Acq: 21 Jun 2018 01:37

Instrument :

MSVOA_U

ClientSampleId :

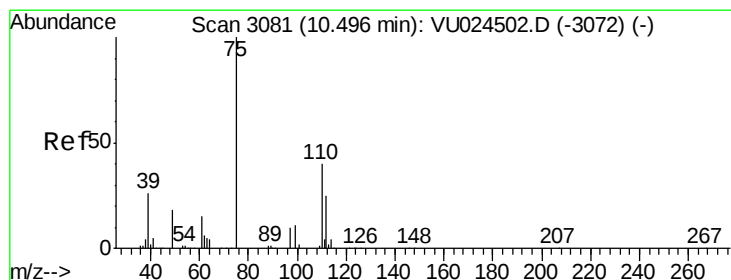
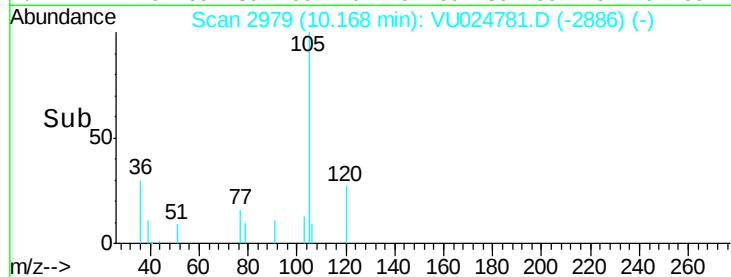
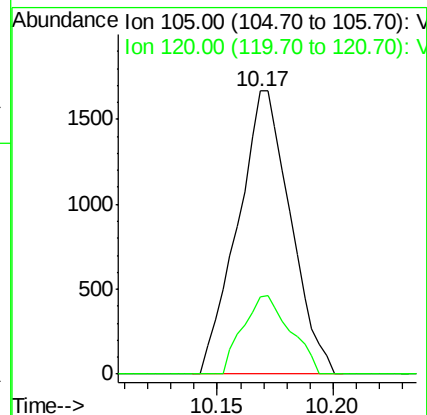
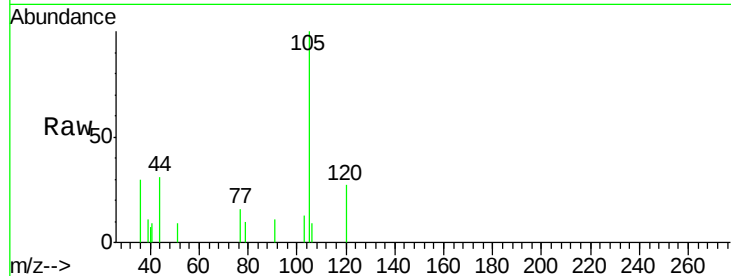
CL-02-061918-C

Tgt Ion: 105 Resp: 2638

Ion Ratio Lower Upper

105 100

120 25.1 13.2 39.6



#76

1,2,3-Trichloropropane

Concen: 23.827 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.19 min

Lab File: VU024781.D

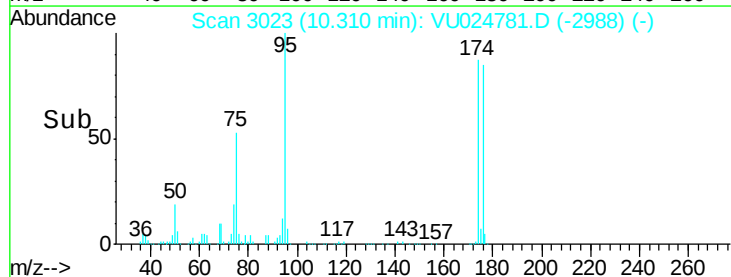
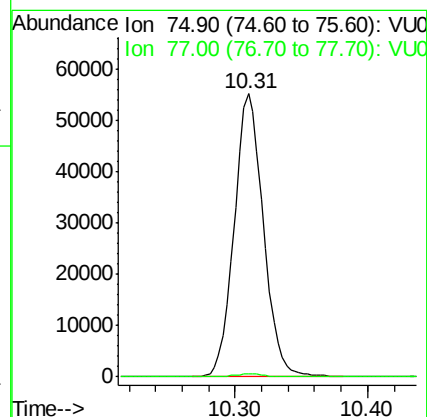
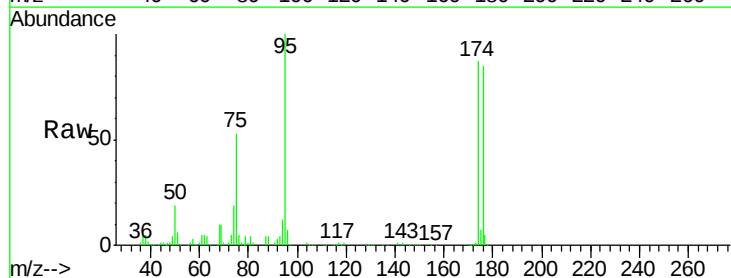
Acq: 21 Jun 2018 01:37

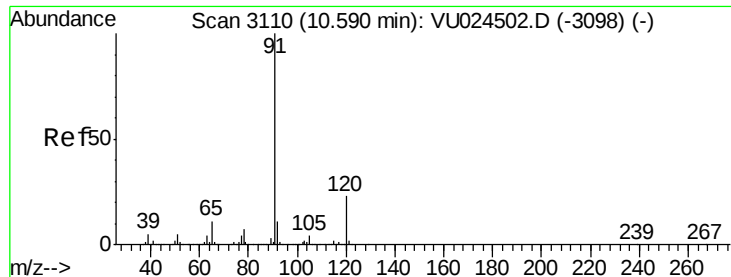
Tgt Ion: 75 Resp: 84457

Ion Ratio Lower Upper

75 100

77 1.0 20.9 62.7#





#78

n-propylbenzene

Concen: 0.394 ug/l

RT: 10.59 min Scan# 3111

Delta R.T. 0.00 min

Lab File: VU024781.D

Acq: 21 Jun 2018 01:37

Instrument :

MSVOA_U

ClientSampleId :

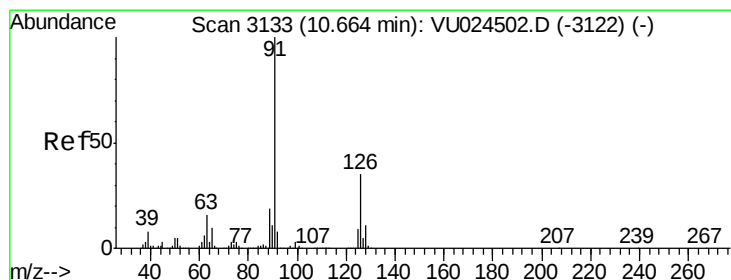
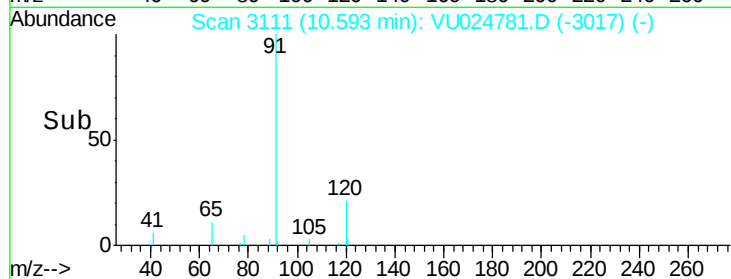
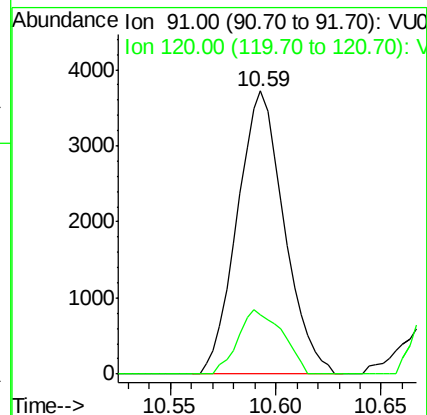
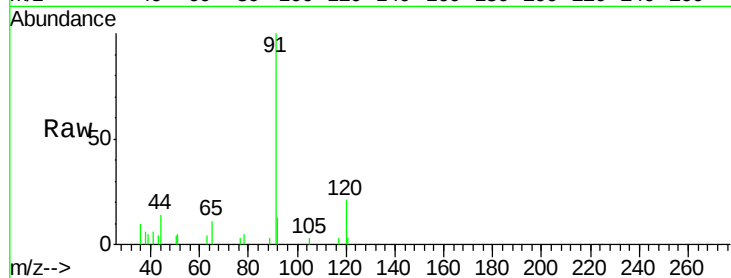
CL-02-061918-C

Tgt Ion: 91 Resp: 5741

Ion Ratio Lower Upper

91 100

120 21.5 11.2 33.5



#79

2-Chlorotoluene

Concen: 0.321 ug/l

RT: 10.69 min Scan# 3140

Delta R.T. 0.02 min

Lab File: VU024781.D

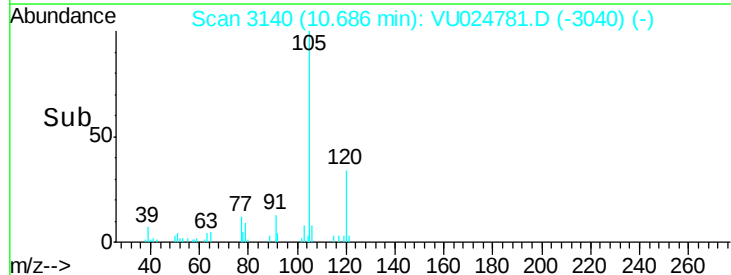
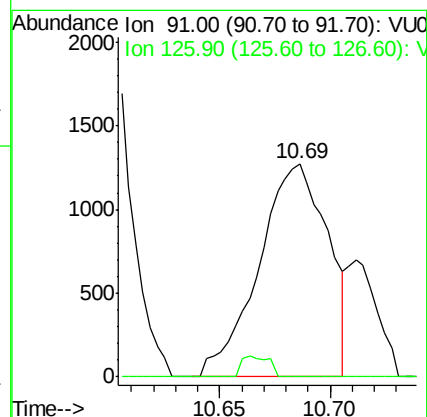
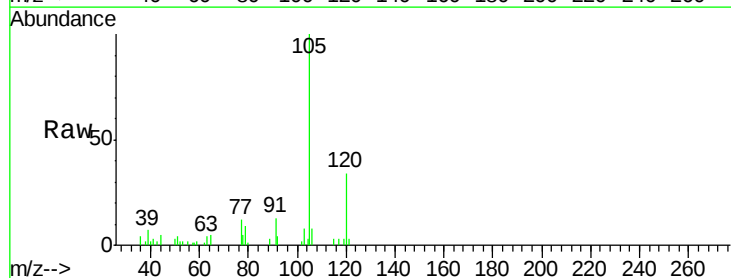
Acq: 21 Jun 2018 01:37

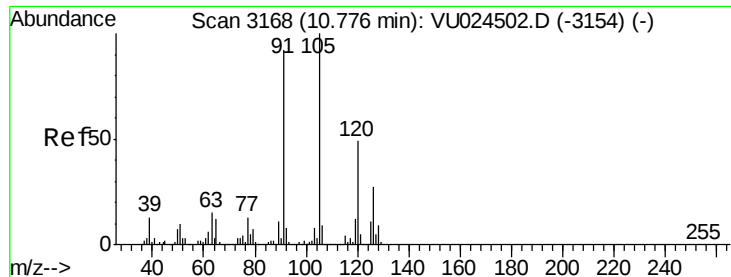
Tgt Ion: 91 Resp: 2754

Ion Ratio Lower Upper

91 100

126 0.0 16.9 50.7#





#80

1,3,5-Trimethylbenzene

Concen: 0.873 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. -0.00 min

Lab File: VU024781.D

Acq: 21 Jun 2018 01:37

Instrument :

MSVOA_U

ClientSampleId :

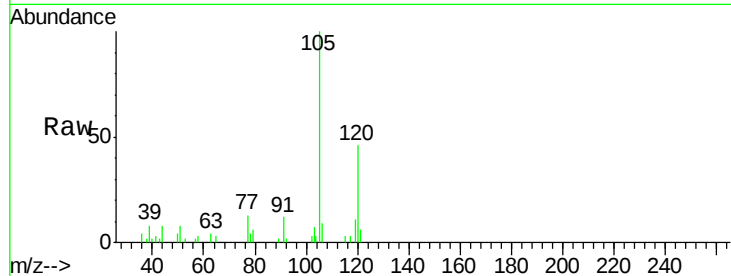
CL-02-061918-C

Tgt Ion: 105 Resp: 9355

Ion Ratio Lower Upper

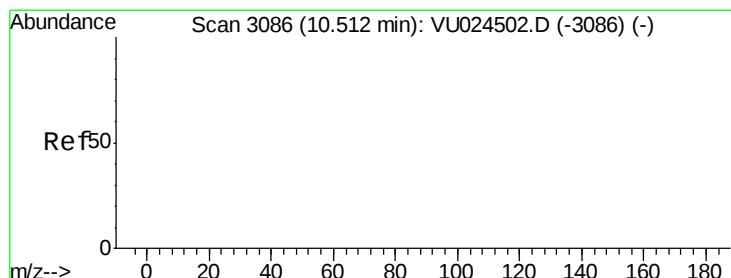
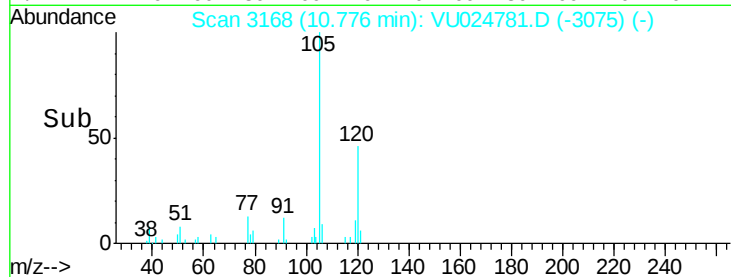
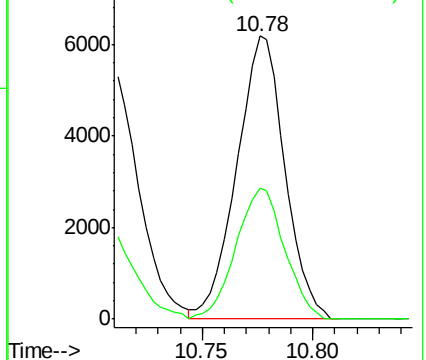
105 100

120 46.6 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 55.147 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.20 min

Lab File: VU024781.D

Acq: 21 Jun 2018 01:37

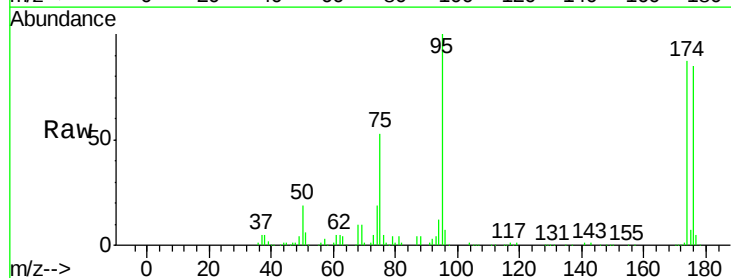
Tgt Ion: 75 Resp: 84457

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

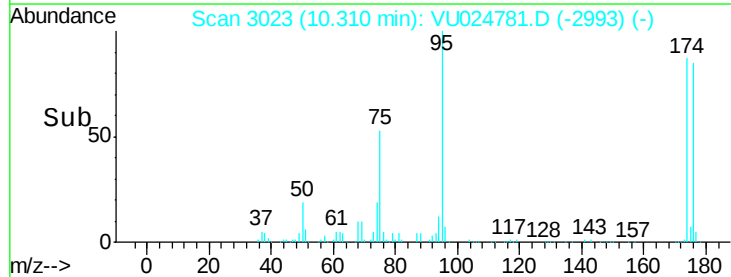
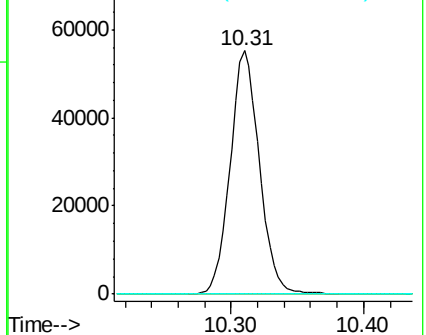
89 0.0 0.0 0.0

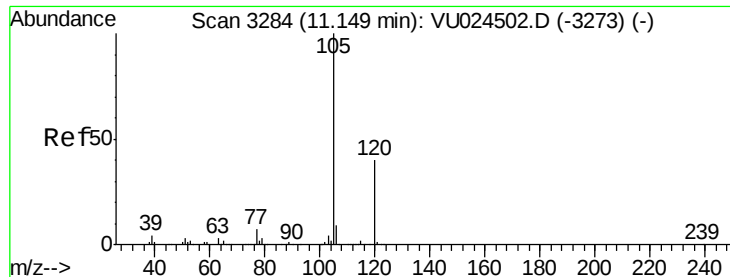


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0

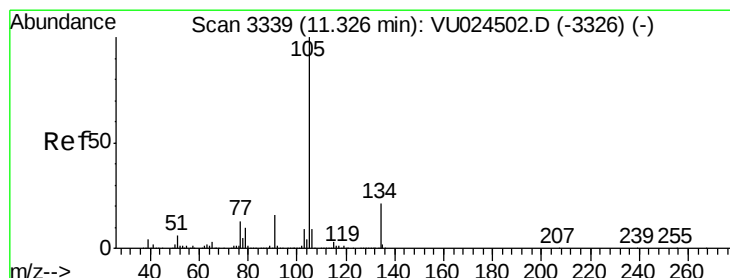
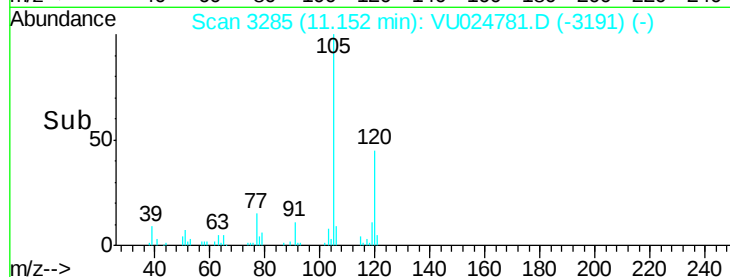
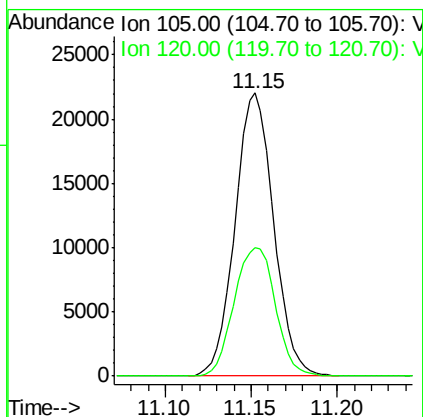
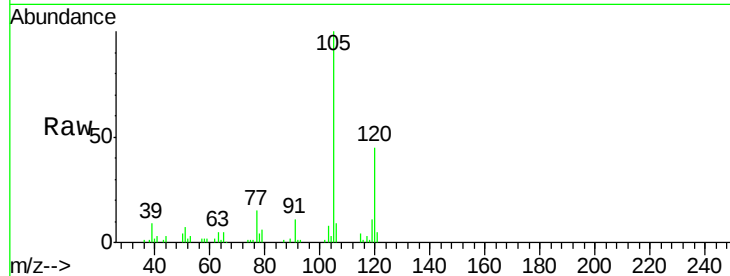




#84
 1,2,4-Trimethylbenzene
 Concen: 3.144 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU024781.D
 Acq: 21 Jun 2018 01:37

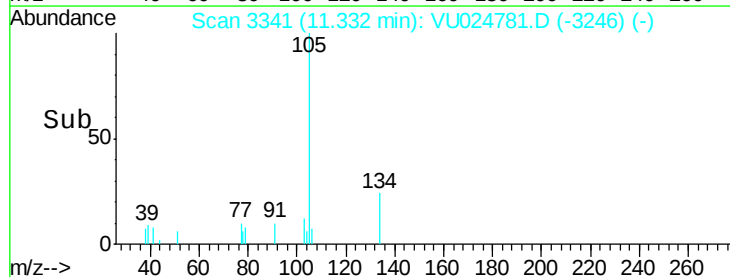
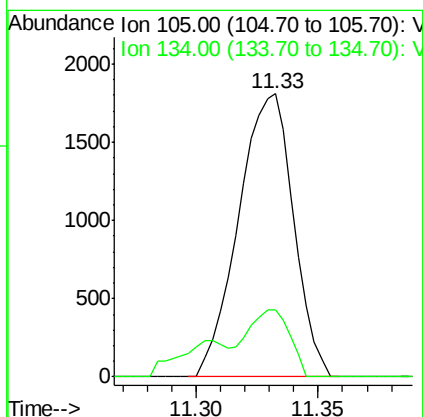
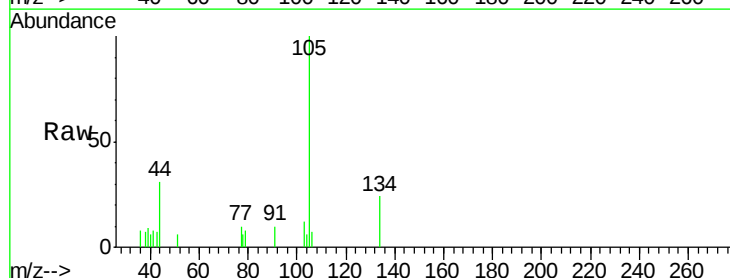
Instrument :
 MSVOA_U
 ClientSampleId :
 CL-02-061918-C

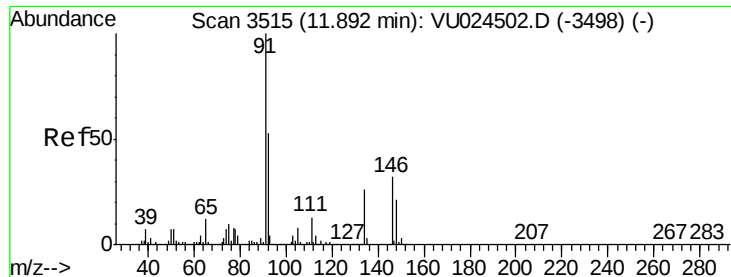
Tgt Ion:105 Resp: 34324
 Ion Ratio Lower Upper
 105 100
 120 48.3 22.6 67.8



#85
 sec-Butylbenzene
 Concen: 0.219 ug/l
 RT: 11.33 min Scan# 3341
 Delta R.T. 0.01 min
 Lab File: VU024781.D
 Acq: 21 Jun 2018 01:37

Tgt Ion:105 Resp: 2825
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.7 29.1

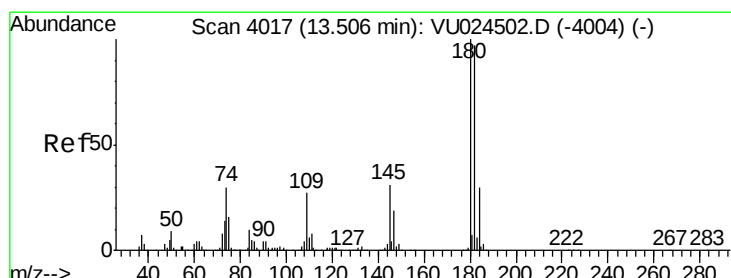
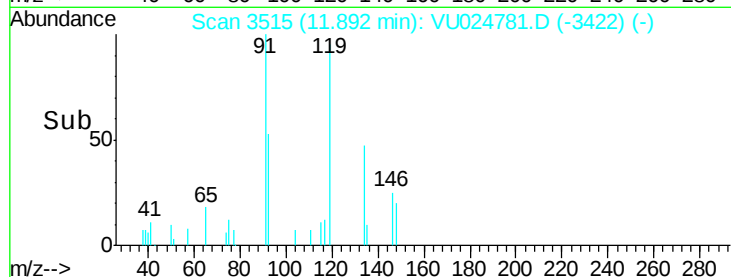
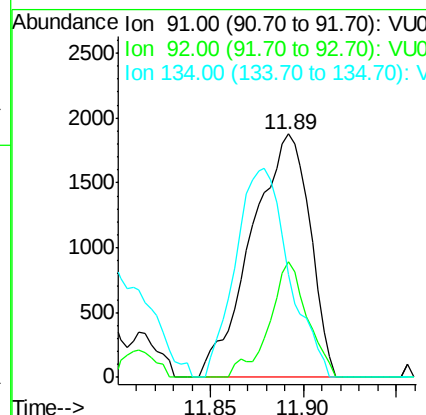
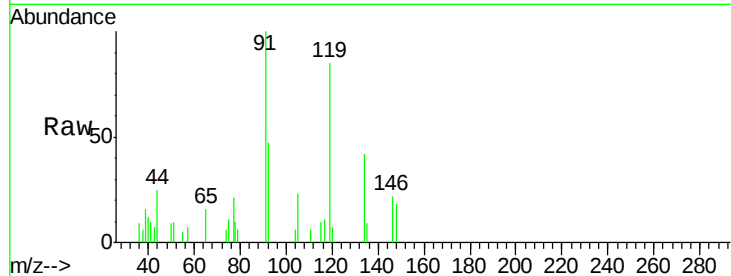




#89
n-Butylbenzene
Concen: 0.400 ug/l
RT: 11.89 min Scan# 3515
Delta R.T. -0.00 min
Lab File: VU024781.D
Acq: 21 Jun 2018 01:37

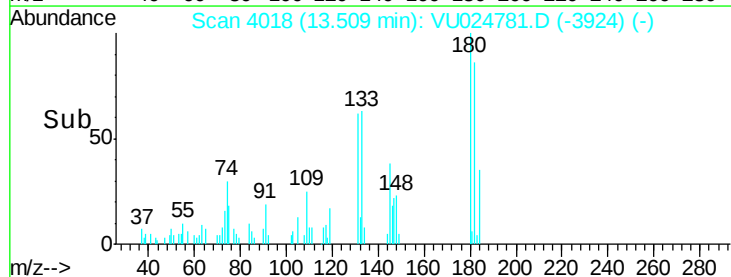
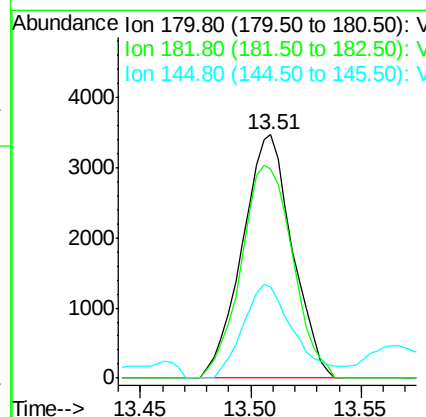
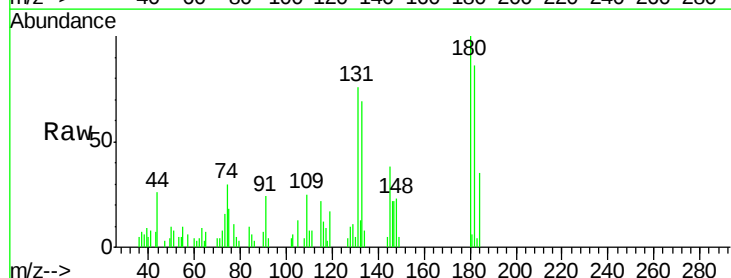
Instrument :
MSVOA_U
ClientSampleId :
CL-02-061918-C

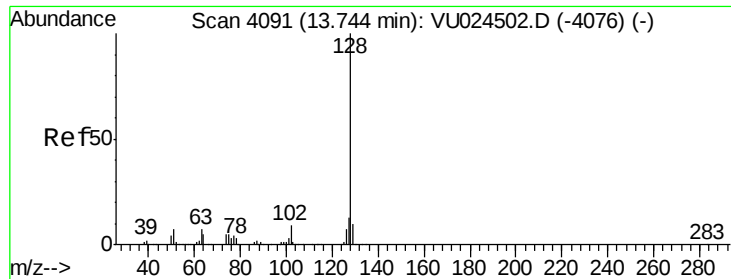
Tgt Ion: 91 Resp: 4100
Ion Ratio Lower Upper
91 100
92 31.1 25.6 76.8
134 78.2 12.3 36.8#



#93
1,2,4-Trichlorobenzene
Concen: 1.527 ug/l
RT: 13.51 min Scan# 4018
Delta R.T. 0.00 min
Lab File: VU024781.D
Acq: 21 Jun 2018 01:37

Tgt Ion: 180 Resp: 5459
Ion Ratio Lower Upper
180 100
182 90.2 48.0 144.2
145 40.0 14.7 44.1





#95

Naphthalene

Concen: 38.599 ug/l

RT: 13.74 min Scan# 4091

Delta R.T. 0.00 min

Lab File: VU024781.D

Acq: 21 Jun 2018 01:37

Instrument :

MSVOA_U

ClientSampleId :

CL-02-061918-C

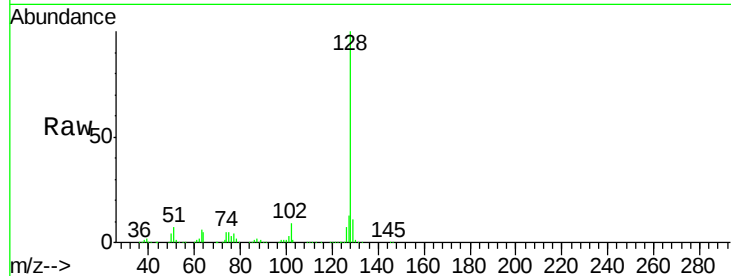
Tgt Ion:128 Resp: 455072

Ion Ratio Lower Upper

128 100

127 12.7 10.6 16.0

129 10.8 8.6 12.8

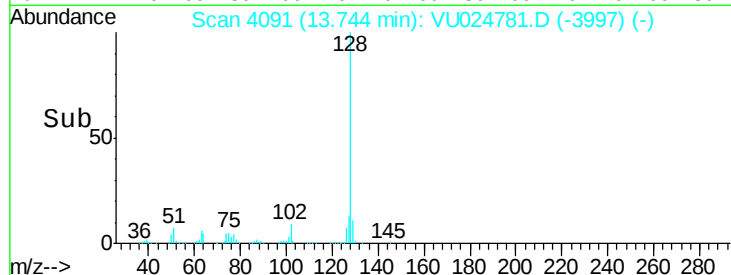


Abundance Ion 128.00 (127.70 to 128.70): V

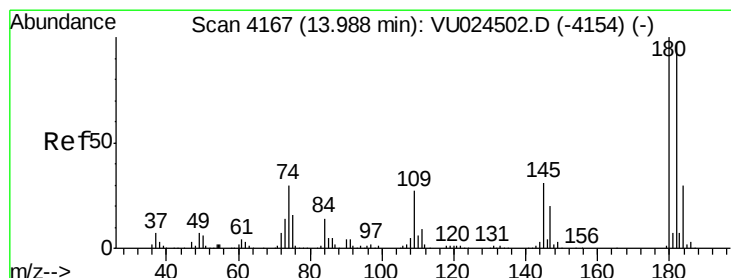
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

13.74



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 0.285 ug/l

RT: 13.99 min Scan# 4168

Delta R.T. 0.00 min

Lab File: VU024781.D

Acq: 21 Jun 2018 01:37

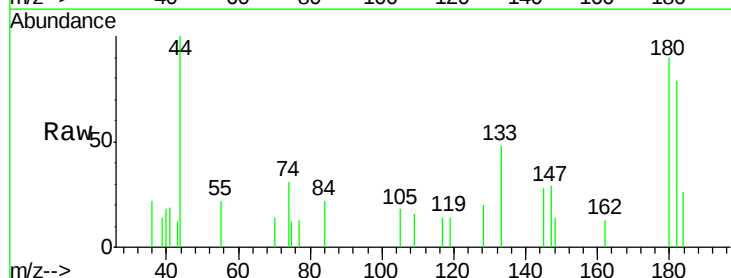
Tgt Ion:180 Resp: 1016

Ion Ratio Lower Upper

180 100

182 99.8 47.9 143.7

145 0.0 15.4 46.1#

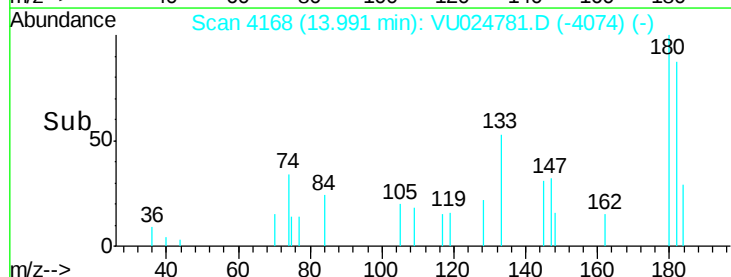


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

13.99



Time-->