

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU073018\
 Data File : VU025727.D
 Acq On : 30 Jul 2018 17:01
 Operator : MD/SY
 Sample : J4218-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TP-15-S

Quant Time: Jul 31 03:38:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 28 02:19:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	178299	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	287874	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	283533	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	174139	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	141442	50.91	ug/l	0.00
Spiked Amount 50.000			Recovery =	101.82%		
35) Dibromofluoromethane	4.89	113	118890	47.48	ug/l	0.00
Spiked Amount 50.000			Recovery =	94.96%		
50) Toluene-d8	7.57	98	422609	48.23	ug/l	0.00
Spiked Amount 50.000			Recovery =	96.46%		
62) 4-Bromofluorobenzene	10.31	95	161567	47.51	ug/l	0.00
Spiked Amount 50.000			Recovery =	95.02%		

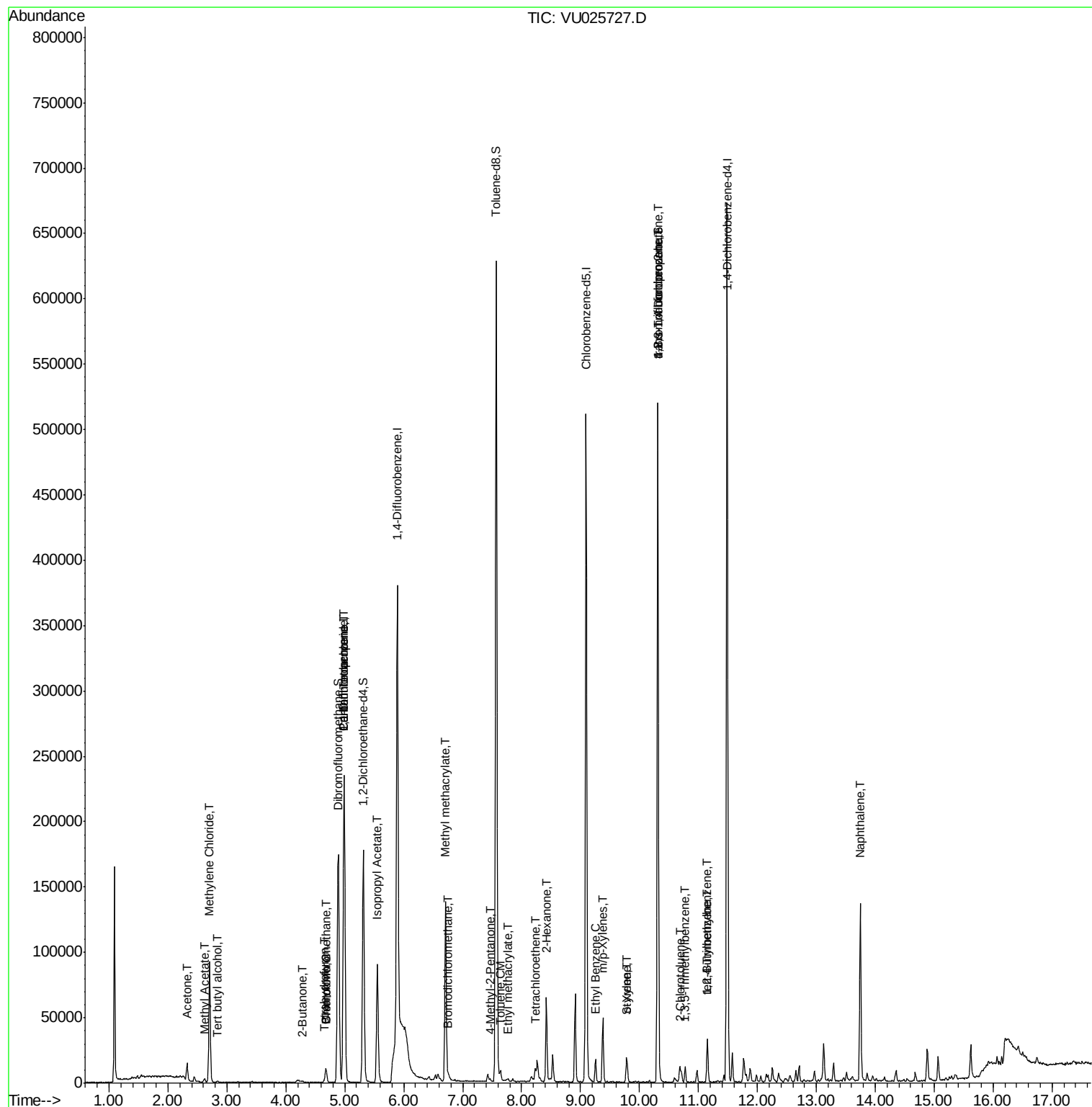
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	2.82	59	360	0.59	ug/l #	73
13) Acrolein	2.19	56	47	Below Cal	#	1
16) Acetone	2.32	43	13862	10.23	ug/l	97
18) Methyl Acetate	2.62	43	3922	1.20	ug/l #	87
20) Methylene Chloride	2.70	84	40779	16.99	ug/l	95
25) 2-Butanone	4.28	43	2060	1.12	ug/l #	79
28) Bromochloromethane	4.68	49	606	0.33	ug/l #	9
29) Tetrahydrofuran	4.65	42	491	0.44	ug/l #	35
30) Chloroform	4.68	83	9836	2.29	ug/l	98
31) Cyclohexane	4.99	56	3764	Below Cal	#	32
36) 1,1-Dichloropropene	4.99	75	12670	3.77	ug/l #	50
38) Carbon Tetrachloride	4.99	117	17464	4.58	ug/l #	18
43) Isopropyl Acetate	5.55	43	103376	17.93	ug/l	99
47) Bromodichloromethane	6.76	83	1979	0.56	ug/l #	83
48) Methyl methacrylate	6.71	41	12560	4.45	ug/l #	45
51) 4-Methyl-2-Pentanone	7.47	43	1152	0.32	ug/l	100
52) Toluene	7.64	92	3017	0.49	ug/l	99
56) Ethyl methacrylate	7.76	69	1694	0.47	ug/l #	81
59) 2-Hexanone	8.42	43	8962	3.17	ug/l #	55
64) Tetrachloroethene	8.23	164	1089	0.44	ug/l	91
67) Ethyl Benzene	9.26	91	12904	1.07	ug/l	94
68) m/p-Xylenes	9.38	106	13752	2.96	ug/l	96
69) o-Xylene	9.78	106	4682	1.03	ug/l	100
70) Styrene	9.80	104	2233	0.30	ug/l #	81
76) 1,2,3-Trichloropropane	10.31	75	85083	22.63	ug/l #	36
79) 2-Chlorotoluene	10.69	91	1688	0.21	ug/l #	40
80) 1,3,5-Trimethylbenzene	10.78	105	6609	0.65	ug/l	94
81) trans-1,4-Dichloro-2-buten	10.31	75	85083	61.34	ug/l #	100
83) tert-Butylbenzene	11.15	119	2345	0.23	ug/l #	62
84) 1,2,4-Trimethylbenzene	11.15	105	17755	1.74	ug/l	97
95) Naphthalene	13.74	128	110931	9.62	ug/l	99

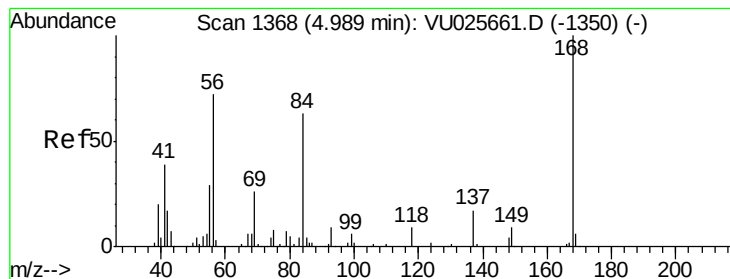
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU025727.D

Acq: 30 Jul 2018 17:01

Instrument :

MSVOA_U

ClientSampleId :

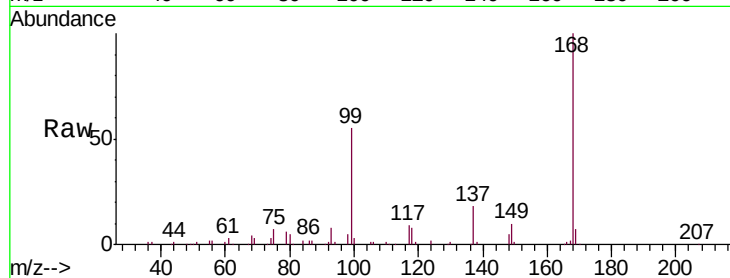
TP-15-S

Tot Ion:168 Resp: 178299

Ion Ratio Lower Upper

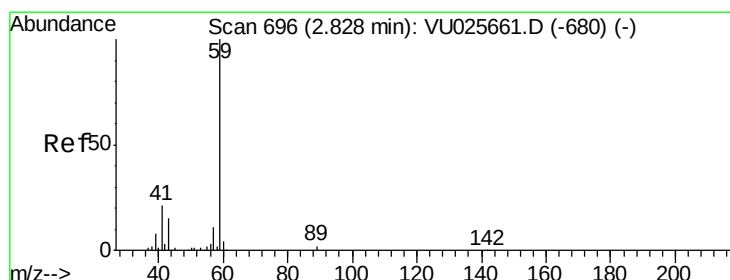
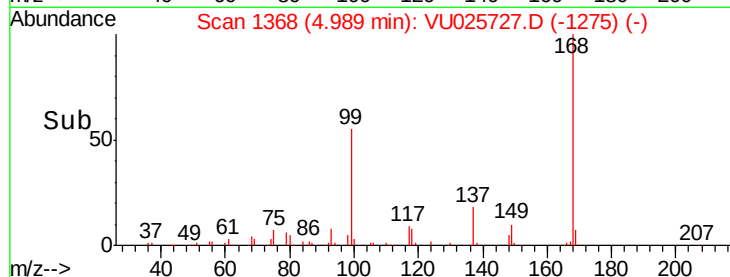
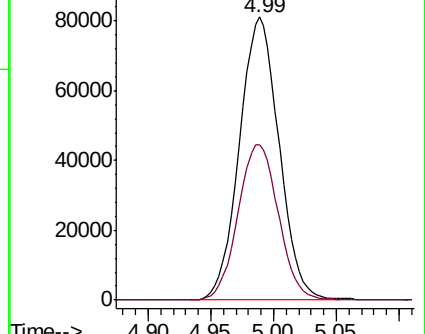
168 100

99 55.0 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): VU025727.D

Ion 98.90 (98.60 to 99.60): VU025727.D



#11

Tert butyl alcohol

Concen: 0.59 ug/l

RT: 2.82 min Scan# 695

Delta R.T. -0.00 min

Lab File: VU025727.D

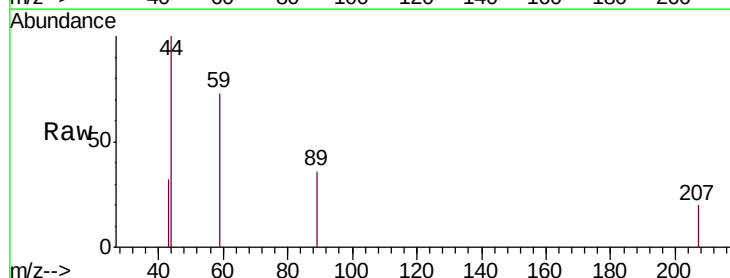
Acq: 30 Jul 2018 17:01

Tgt Ion: 59 Resp: 360

Ion Ratio Lower Upper

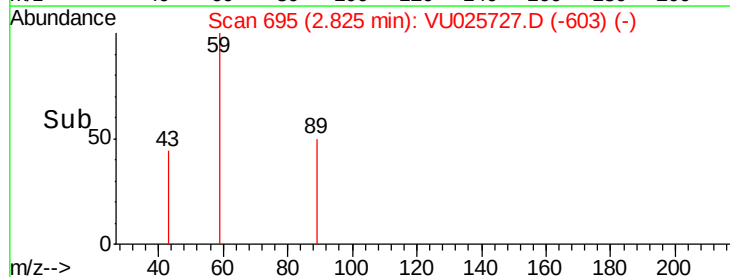
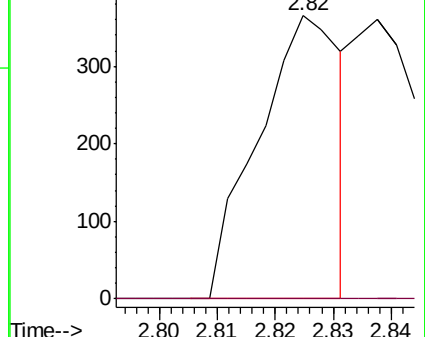
59 100

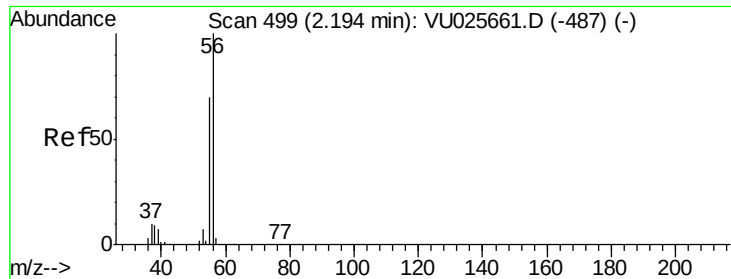
57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VU025727.D

Ion 57.00 (56.70 to 57.70): VU025727.D





#13

Acrolein

Concen: Below Cal

RT: 2.19 min Scan# 498

Delta R.T. -0.00 min

Lab File: VU025727.D

Acq: 30 Jul 2018 17:01

Instrument :

MSVOA_U

ClientSampled :

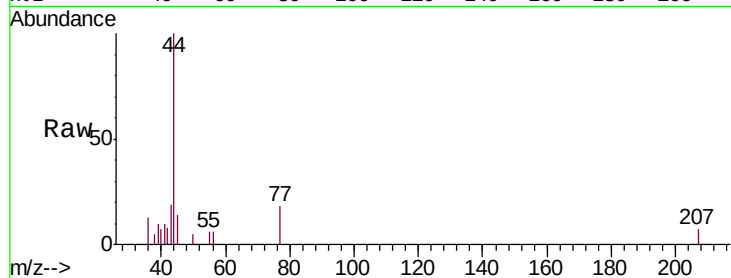
TP-15-S

Tot Ion: 56 Resp: 47

Ion Ratio Lower Upper

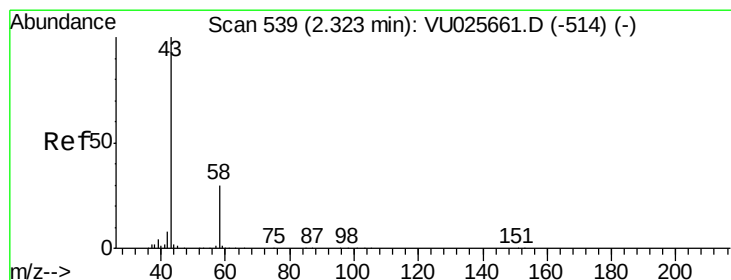
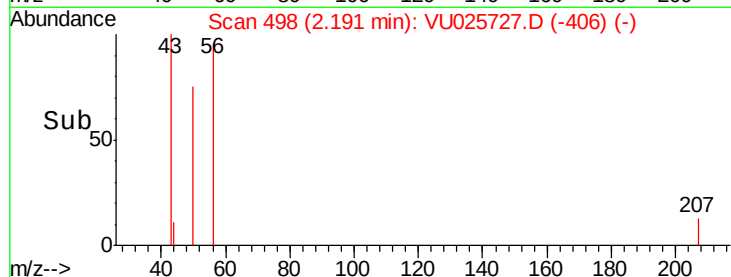
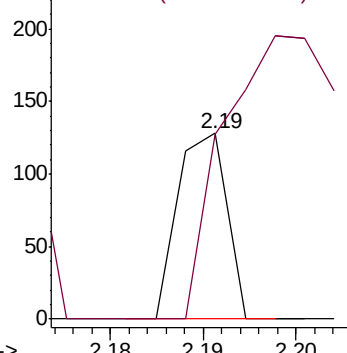
56 100

55 436.2 57.2 85.8#



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 55.00 (54.70 to 55.70): VU0



#16

Acetone

Concen: 10.23 ug/l

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025727.D

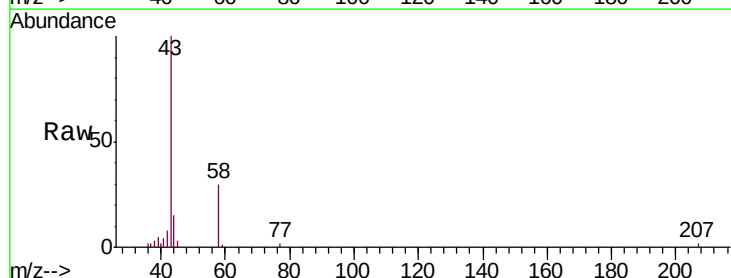
Acq: 30 Jul 2018 17:01

Tgt Ion: 43 Resp: 13862

Ion Ratio Lower Upper

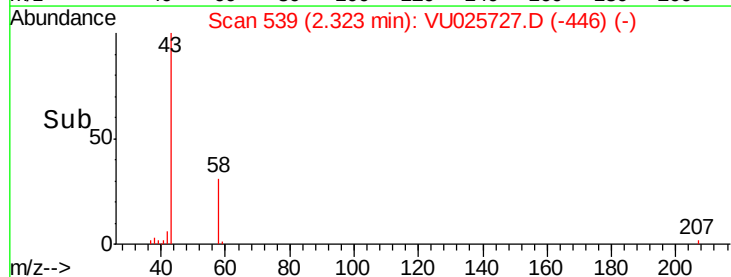
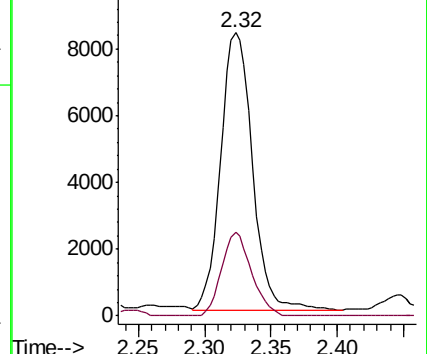
43 100

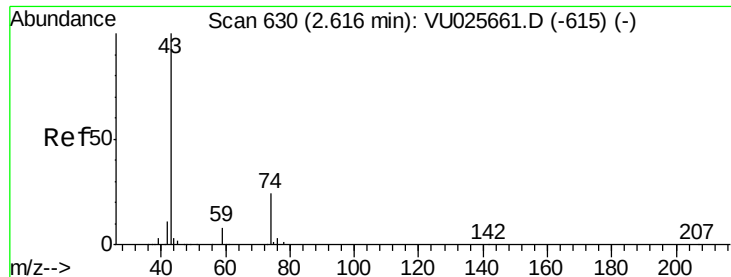
58 30.4 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

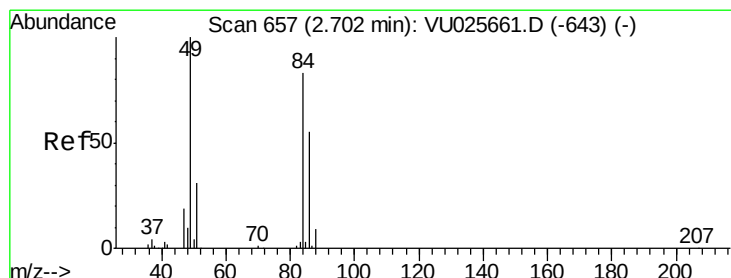
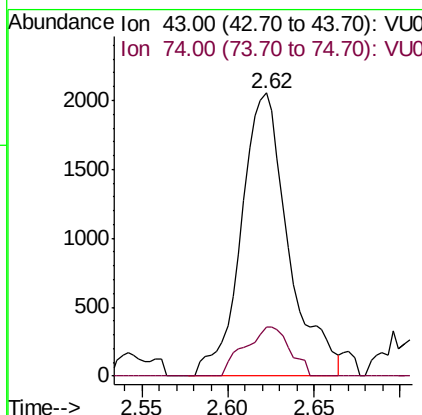
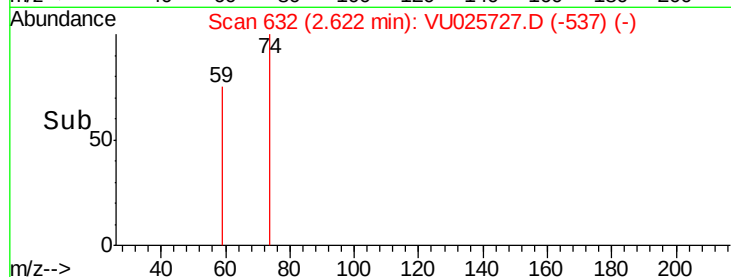
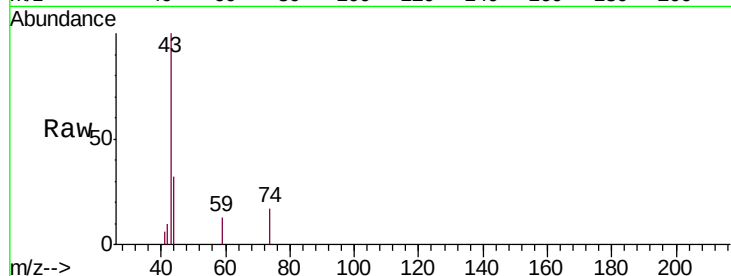




#18
Methyl Acetate
Concen: 1.20 ug/l
RT: 2.62 min Scan# 632
Delta R.T. 0.01 min
Lab File: VU025727.D
Acq: 30 Jul 2018 17:01

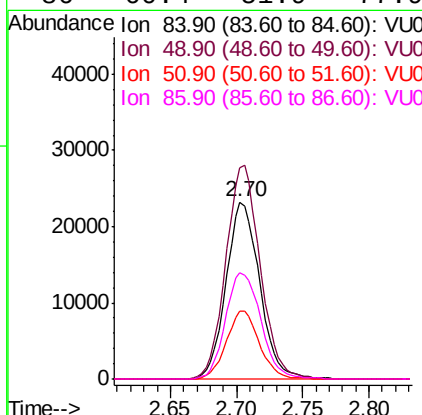
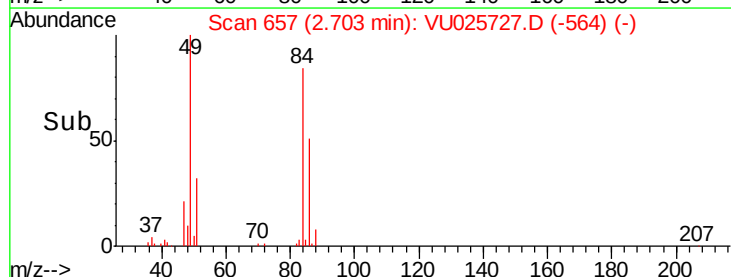
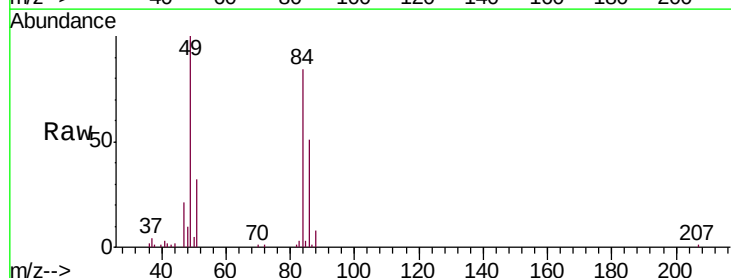
Instrument :
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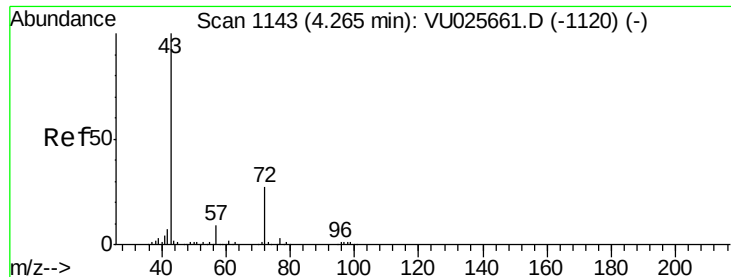
Tot Ion: 43 Resp: 3922
Ion Ratio Lower Upper
43 100
74 16.6 18.5 27.7#



#20
Methylene Chloride
Concen: 16.99 ug/l
RT: 2.70 min Scan# 657
Delta R.T. 0.00 min
Lab File: VU025727.D
Acq: 30 Jul 2018 17:01

Tgt Ion: 84 Resp: 40779
Ion Ratio Lower Upper
84 100
49 119.4 101.8 152.6
51 38.2 30.8 46.2
86 60.4 51.9 77.9

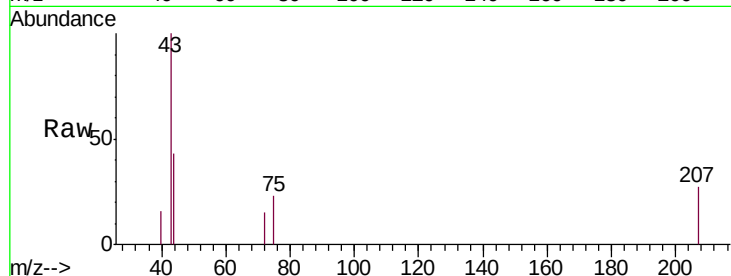




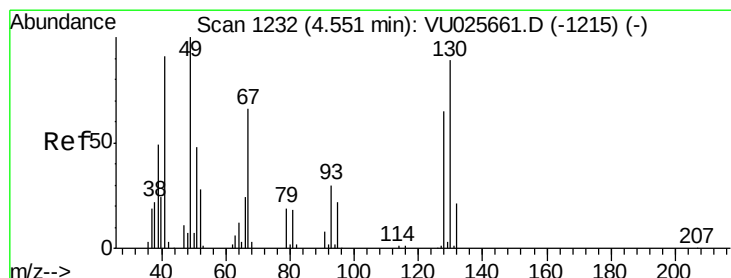
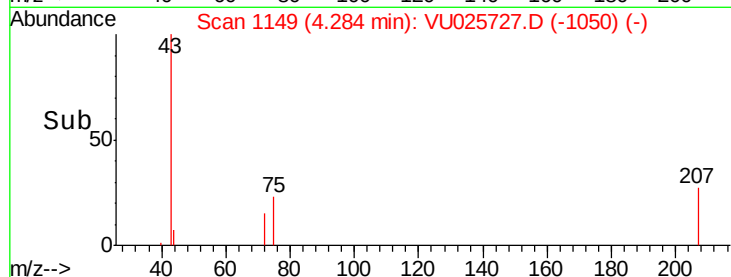
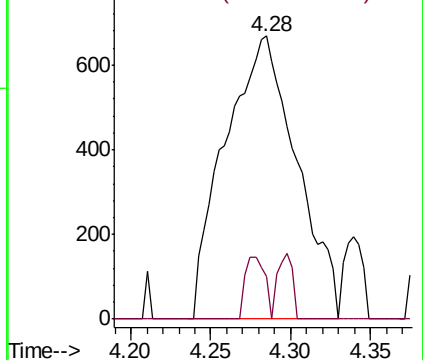
#25
2-Butanone
Concen: 1.12 ug/l
RT: 4.28 min Scan# 1149
Delta R.T. 0.02 min
Lab File: VU025727.D
Acq: 30 Jul 2018 17:01

Instrument :
MSVOA_U
ClientSampleId :
TP-15-S

Tot Ion: 43 Resp: 2060
Ion Ratio Lower Upper
43 100
72 15.3 21.0 31.4#

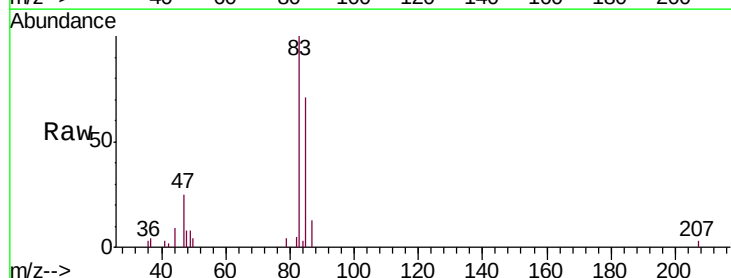


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 72.00 (71.70 to 72.70): VU0

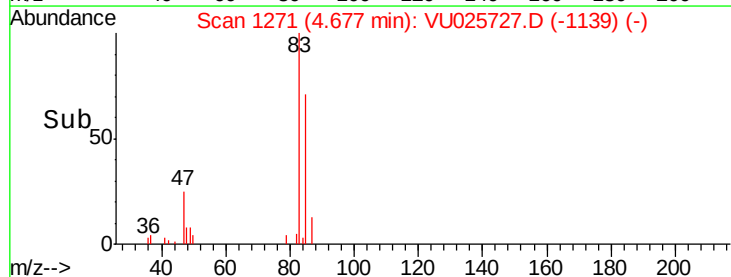
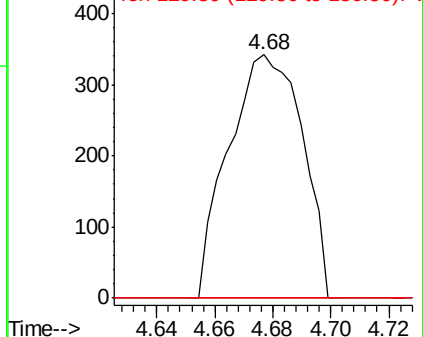


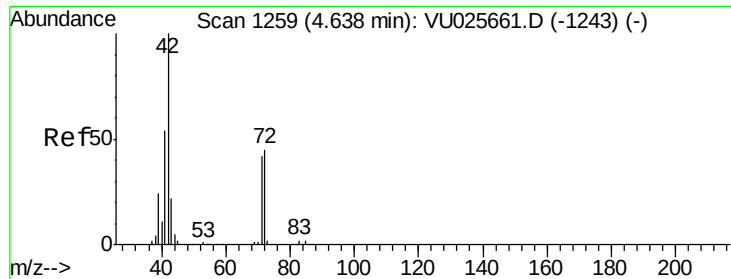
#28
Bromochloromethane
Concen: 0.33 ug/l
RT: 4.68 min Scan# 1271
Delta R.T. 0.13 min
Lab File: VU025727.D
Acq: 30 Jul 2018 17:01

Tgt Ion: 49 Resp: 606
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.6
130 0.0 68.6 102.8#



Abundance Ion 48.90 (48.60 to 49.60): VU0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 0.44 ug/l

RT: 4.65 min Scan# 1263

Delta R.T. 0.01 min

Lab File: VU025727.D

Acq: 30 Jul 2018 17:01

Instrument :

MSVOA_U

ClientSampleId :

TP-15-S

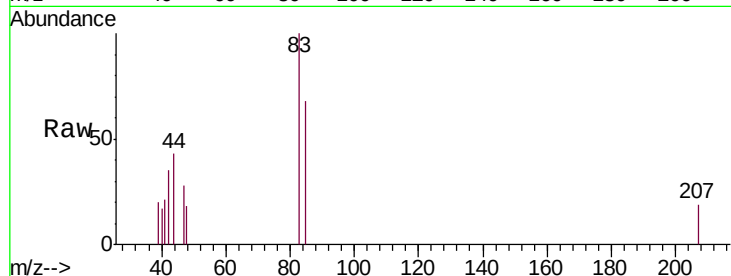
Tot Ion: 42 Resp: 491

Ion Ratio Lower Upper

42 100

72 4.1 36.7 55.1#

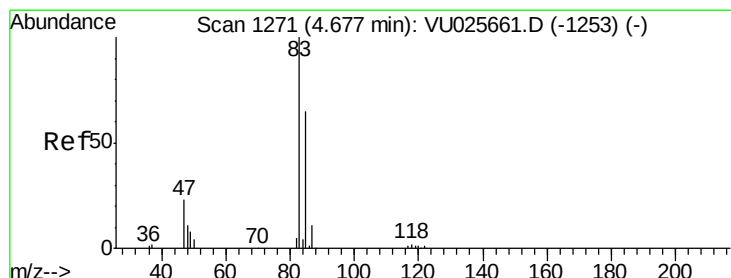
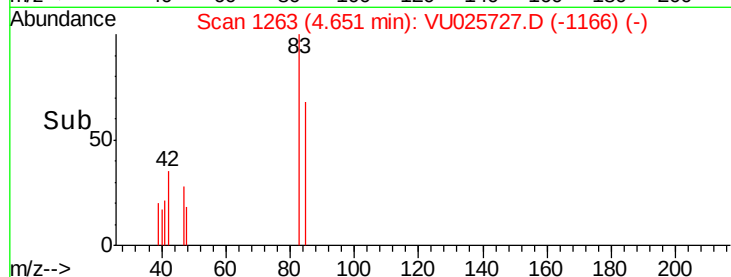
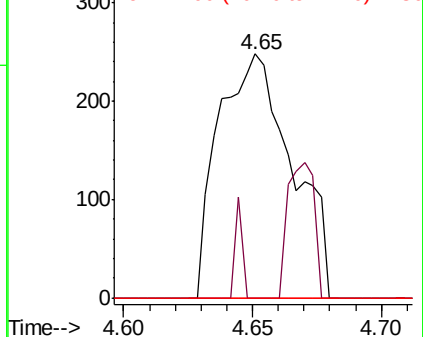
71 0.0 33.9 50.9#



Abundance Ion 42.00 (41.70 to 42.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

Ion 71.00 (70.70 to 71.70): VU0



#30

Chloroform

Concen: 2.29 ug/l

RT: 4.68 min Scan# 1272

Delta R.T. 0.00 min

Lab File: VU025727.D

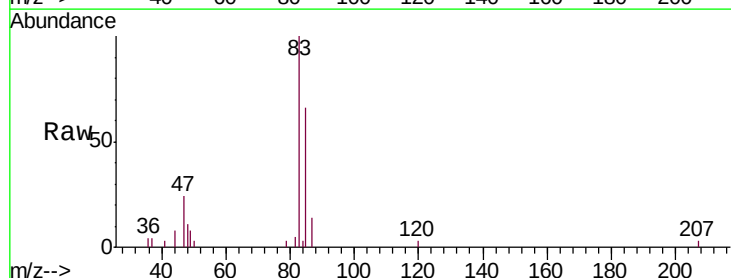
Acq: 30 Jul 2018 17:01

Tgt Ion: 83 Resp: 9836

Ion Ratio Lower Upper

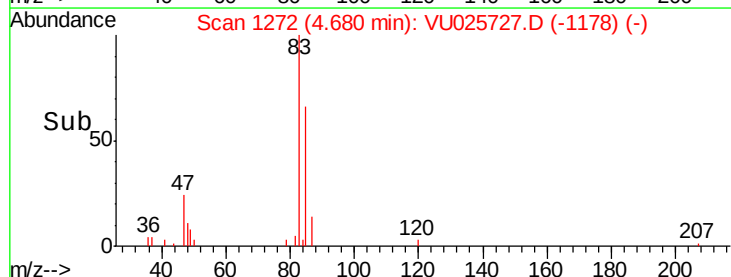
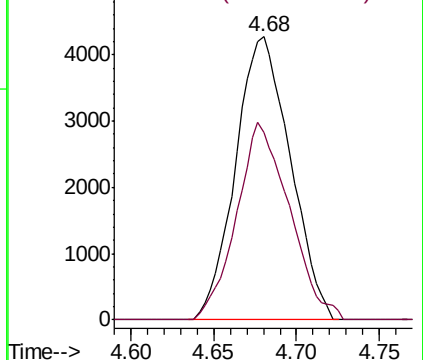
83 100

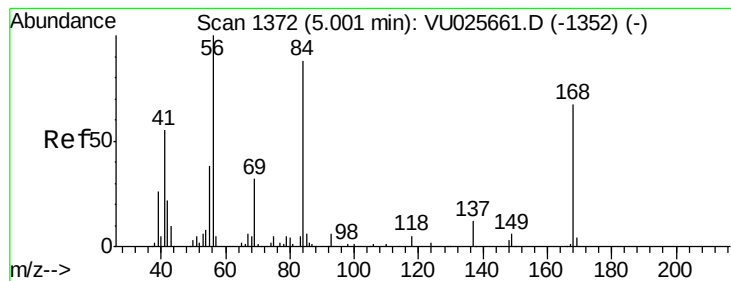
85 66.1 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 84.90 (84.60 to 85.60): VU0





#31

Cyclohexane

Concen: Below Cal

RT: 4.99 min Scan# 1369

Delta R.T. -0.01 min

Lab File: VU025727.D

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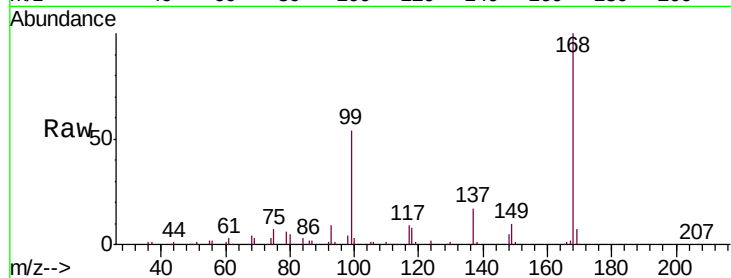
Tot Ion: 56 Resp: 3764

Ion Ratio Lower Upper

56 100

69 134.3 26.8 40.2#

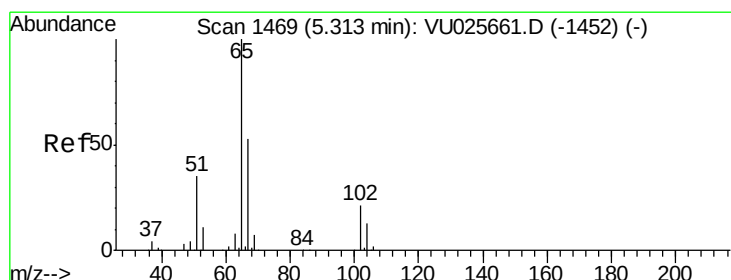
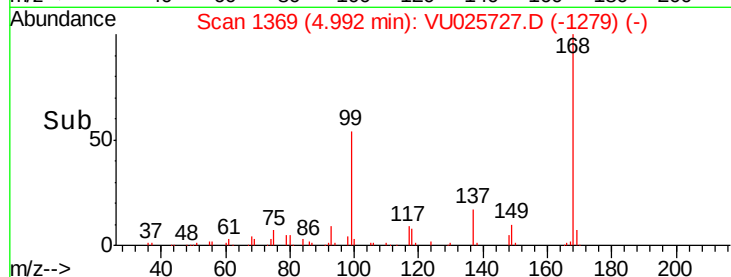
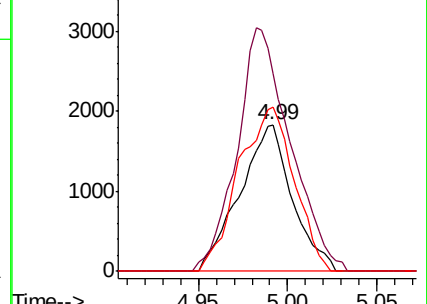
84 111.8 69.7 104.5#



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 69.00 (68.70 to 69.70): VU0

Ion 84.00 (83.70 to 84.70): VU0



#33

1,2-Dichloroethane-d4

Concen: 50.91 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU025727.D

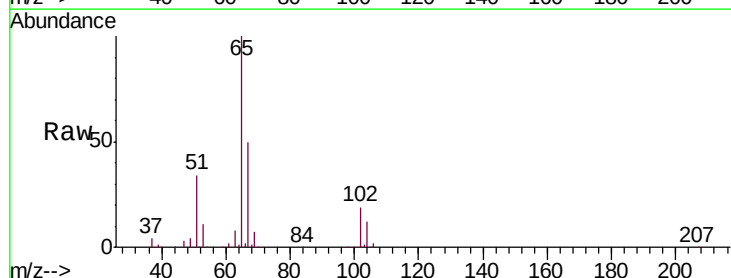
Acq: 30 Jul 2018 17:01

Tgt Ion: 65 Resp: 141442

Ion Ratio Lower Upper

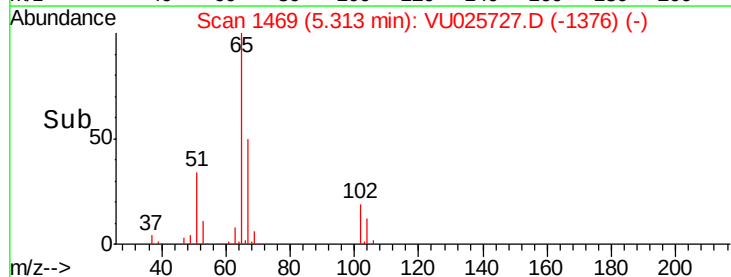
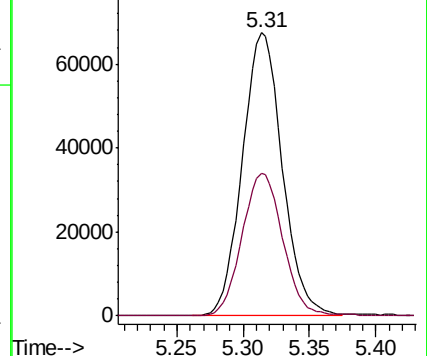
65 100

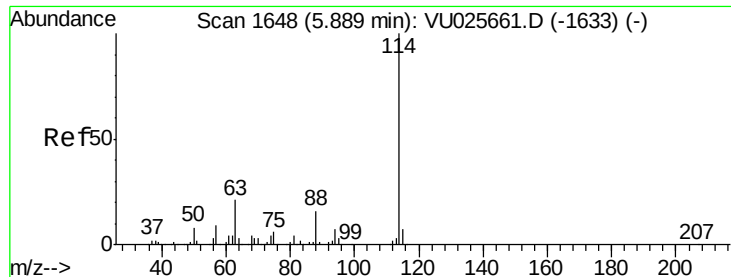
67 51.6 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.89 min Scan# 1649

Delta R.T. 0.00 min

Lab File: VU025727.D

Acq: 30 Jul 2018 17:01

Instrument :

MSVOA_U

ClientSampleId :

TP-15-S

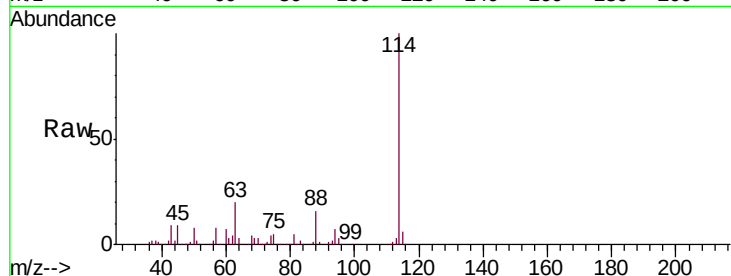
Tot Ion:114 Resp: 287874

Ion Ratio Lower Upper

114 100

63 20.4 0.0 41.6

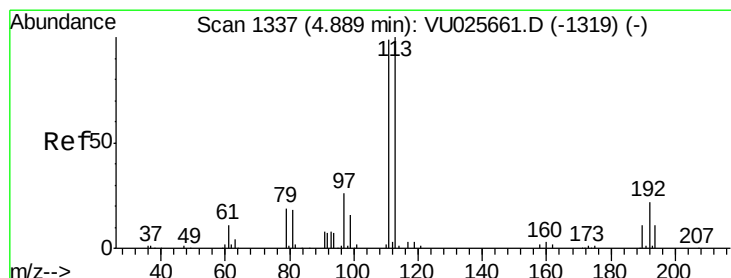
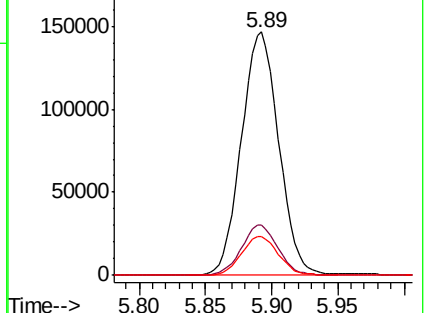
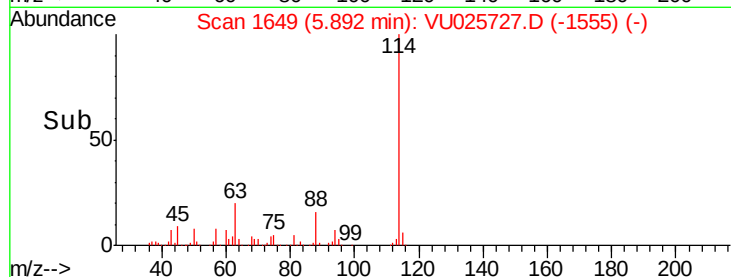
88 16.2 0.0 32.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0



#35

Dibromofluoromethane

Concen: 47.48 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU025727.D

Acq: 30 Jul 2018 17:01

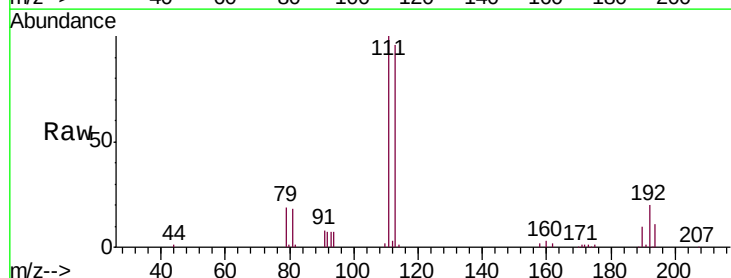
Tgt Ion:113 Resp: 118890

Ion Ratio Lower Upper

113 100

111 103.8 81.7 122.5

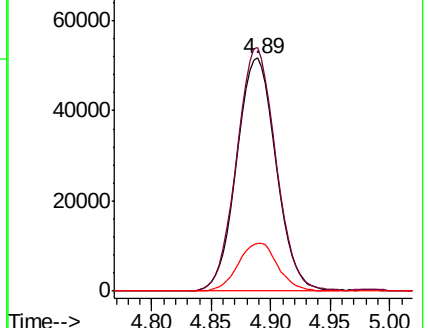
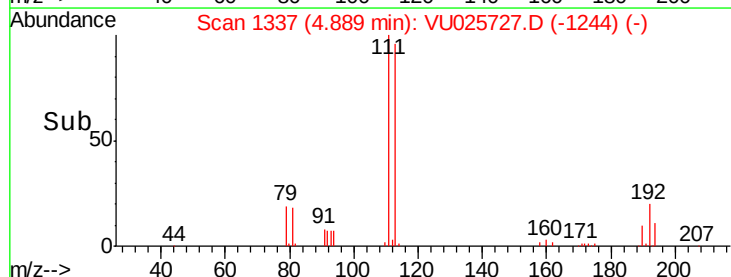
192 20.6 17.1 25.7

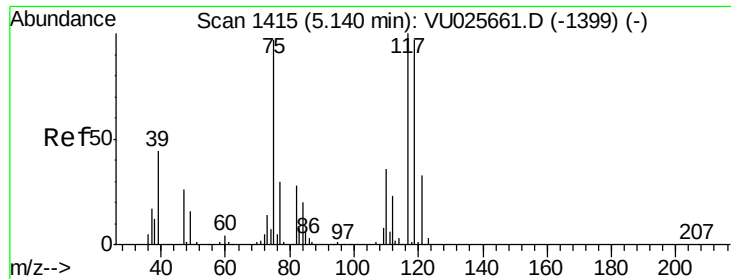


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 3.77 ug/l

RT: 4.99 min Scan# 1367

Delta R.T. -0.15 min

Lab File: VU025727.D

Acq: 30 Jul 2018 17:01

Instrument :

MSVOA_U

ClientSampleId :

TP-15-S

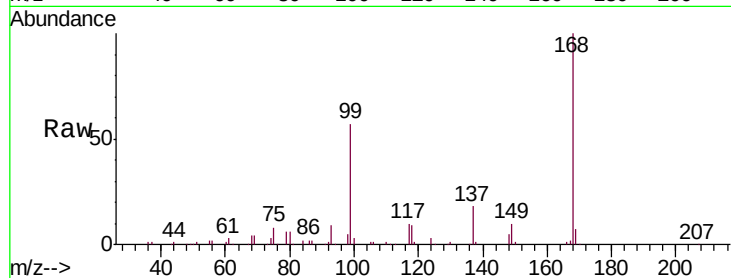
Tot Ion: 75 Resp: 12670

Ion Ratio Lower Upper

75 100

110 8.9 17.6 52.9#

77 0.0 24.4 36.6#

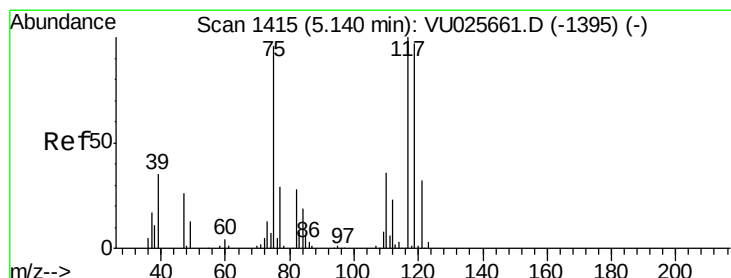
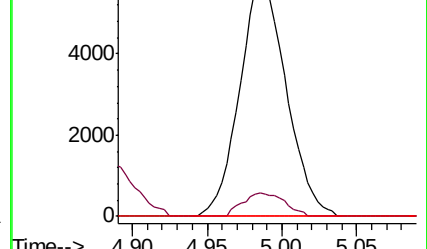
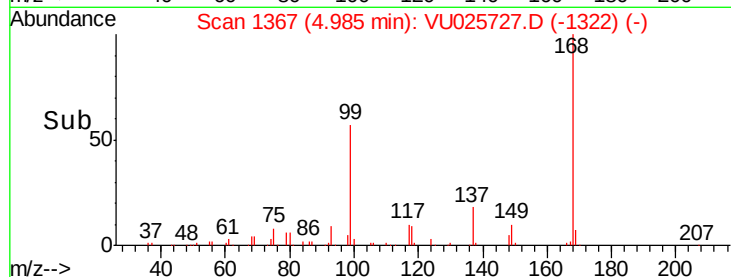


Abundance Ion 74.90 (74.60 to 75.60): VU025727.D (-1322) (-)

Ion 109.90 (109.60 to 110.60): VU025727.D (-1322) (-)

Ion 76.90 (76.60 to 77.60): VU025727.D (-1322) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 4.58 ug/l

RT: 4.99 min Scan# 1367

Delta R.T. -0.15 min

Lab File: VU025727.D

Acq: 30 Jul 2018 17:01

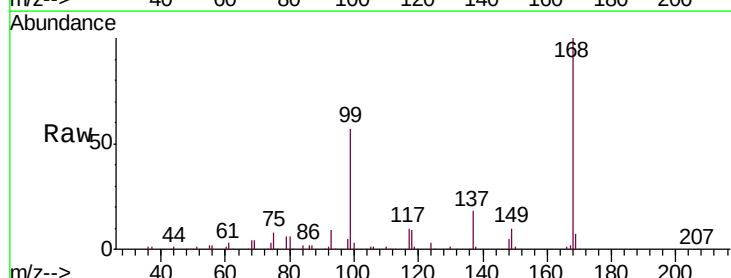
Tgt Ion: 117 Resp: 17464

Ion Ratio Lower Upper

117 100

119 6.8 75.7 113.5#

121 0.0 24.6 36.8#

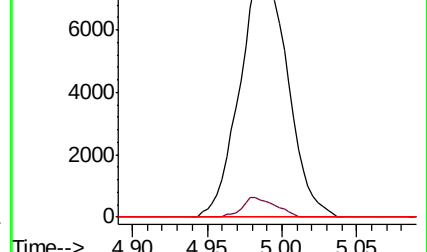
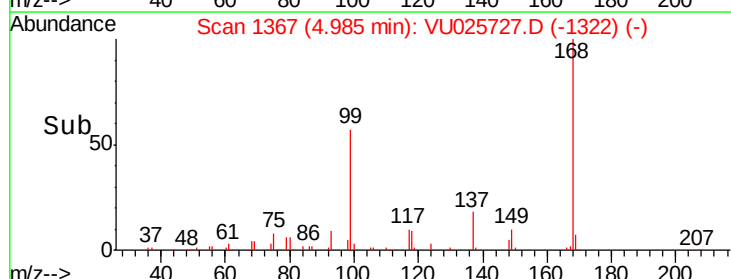


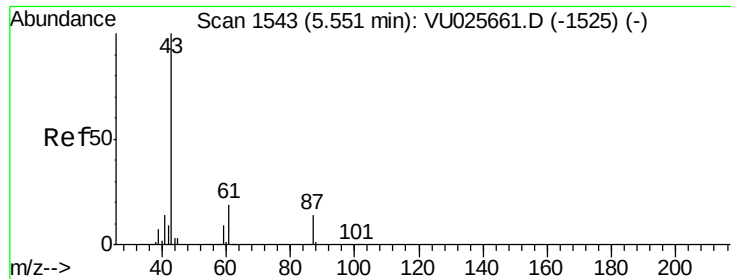
Abundance Ion 116.80 (116.50 to 117.50): VU025727.D (-1322) (-)

Ion 118.80 (118.50 to 119.50): VU025727.D (-1322) (-)

Ion 120.80 (120.50 to 121.50): VU025727.D (-1322) (-)

Time-->





#43

Isopropyl Acetate

Concen: 17.93 ug/l

RT: 5.55 min Scan# 1543

Delta R.T. 0.00 min

Lab File: VU025727.D

Acq: 30 Jul 2018 17:01

Instrument :

MSVOA_U

ClientSampleId :

TP-15-S

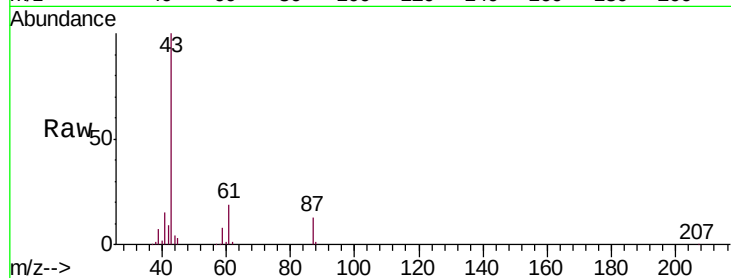
Tot Ion: 43 Resp: 103376

Ion Ratio Lower Upper

43 100

61 19.6 15.5 23.3

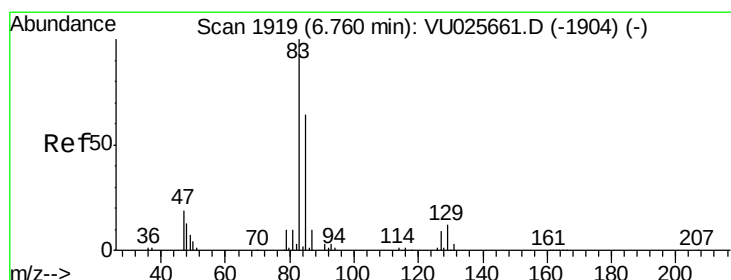
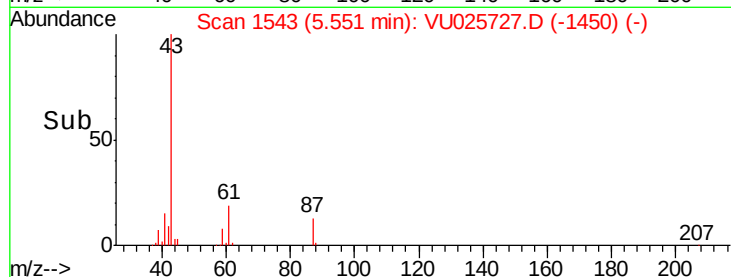
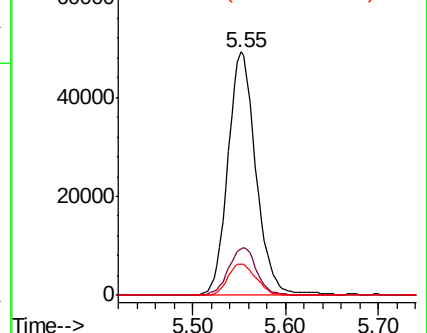
87 12.9 10.6 16.0



Abundance Ion 43.00 (42.70 to 43.70): VU025727.D (-1450) (-)

Ion 61.00 (60.70 to 61.70): VU025727.D (-1450) (-)

Ion 87.00 (86.70 to 87.70): VU025727.D (-1450) (-)



#47

Bromodichloromethane

Concen: 0.56 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VU025727.D

Acq: 30 Jul 2018 17:01

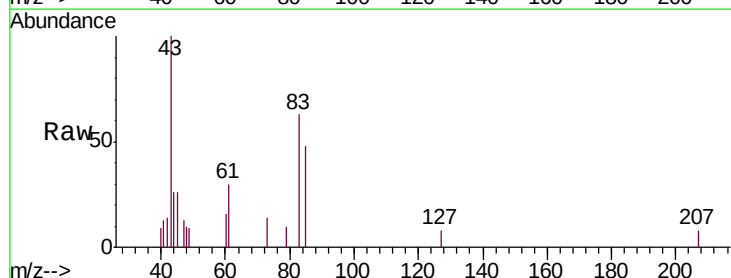
Tgt Ion: 83 Resp: 1979

Ion Ratio Lower Upper

83 100

85 76.8 50.2 75.4#

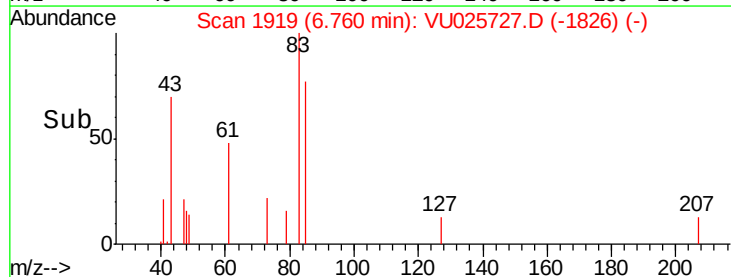
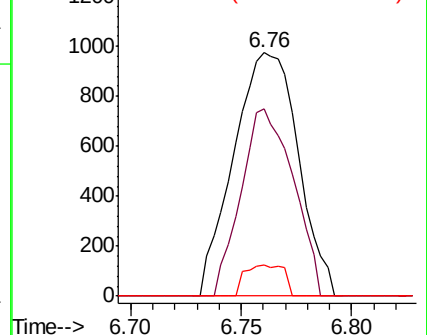
127 12.7 7.2 10.8#

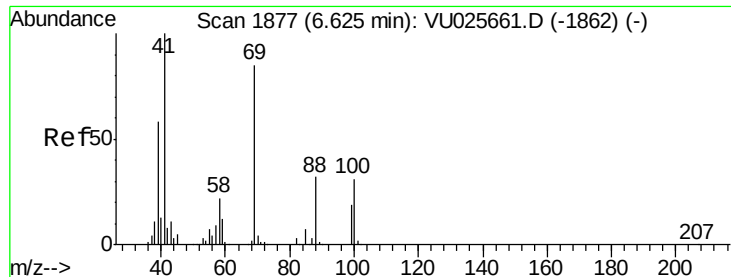


Abundance Ion 82.90 (82.60 to 83.60): VU025727.D (-1826) (-)

Ion 84.90 (84.60 to 85.60): VU025727.D (-1826) (-)

Ion 126.80 (126.50 to 127.50): VU025727.D (-1826) (-)

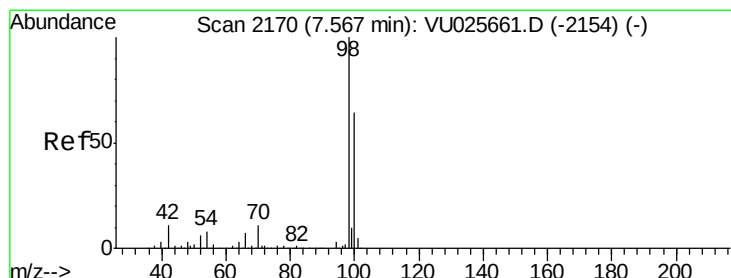
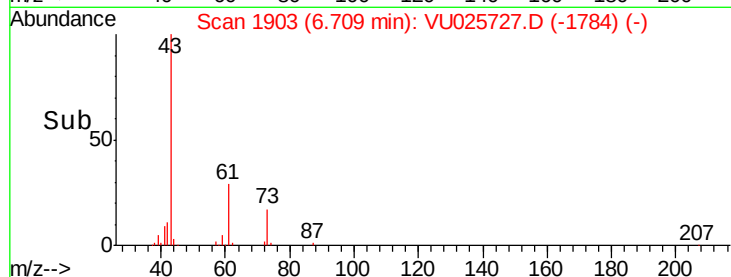
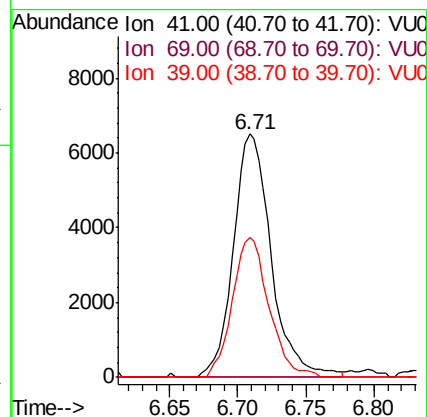
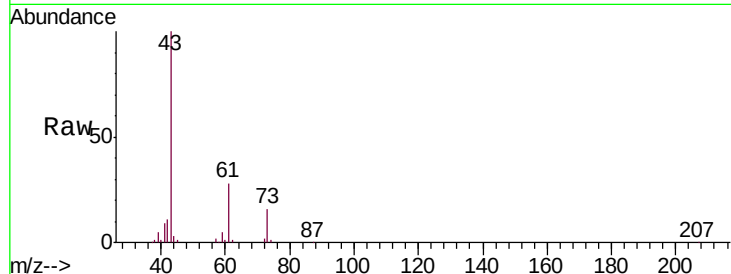




#48
Methvl methacrylate
Concen: 4.45 ug/l
RT: 6.71 min Scan# 1903
Delta R.T. 0.08 min
Lab File: VU025727.D
Acq: 30 Jul 2018 17:01

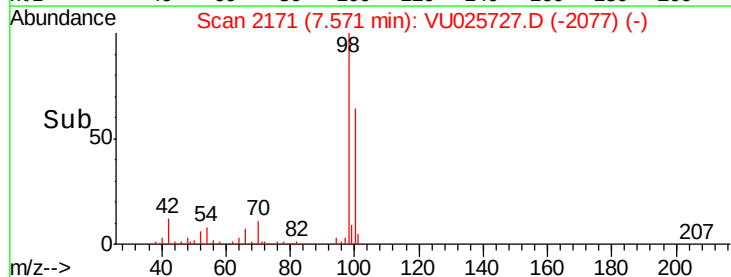
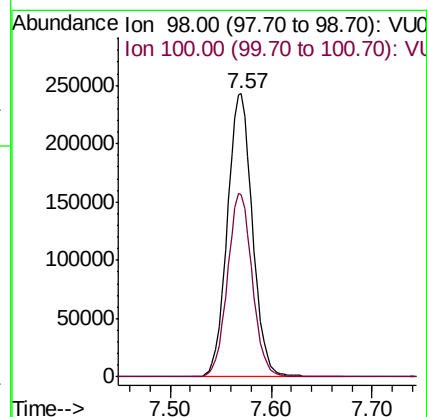
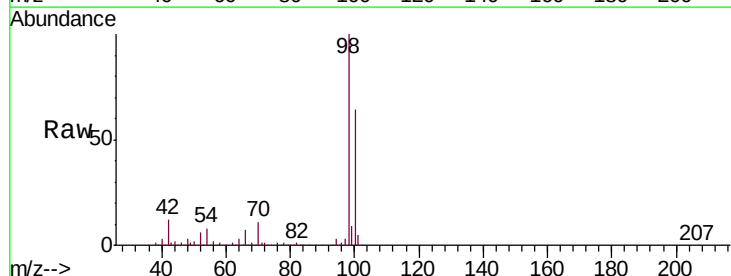
Instrument :
MSVOA_U
ClientSampleId :
TP-15-S

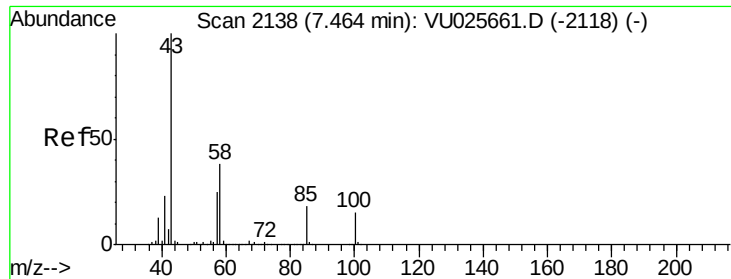
Tot Ion: 41 Resp: 12560
Ion Ratio Lower Upper
41 100
69 0.0 65.0 97.4#
39 55.4 46.4 69.6



#50
Toluene-d8
Concen: 48.23 ug/l
RT: 7.57 min Scan# 2171
Delta R.T. 0.00 min
Lab File: VU025727.D
Acq: 30 Jul 2018 17:01

Tgt Ion: 98 Resp: 422609
Ion Ratio Lower Upper
98 100
100 63.8 51.1 76.7

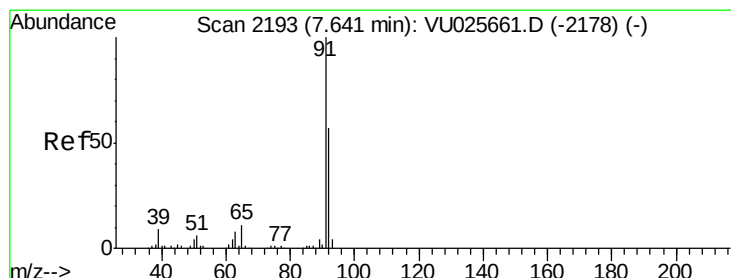
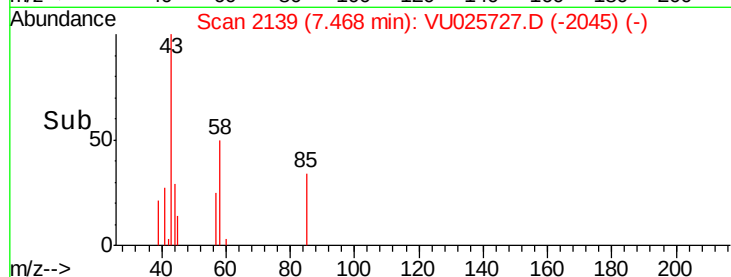
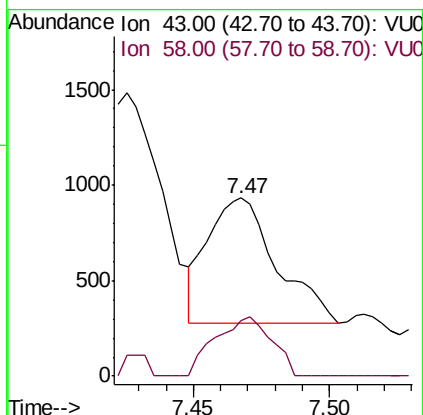
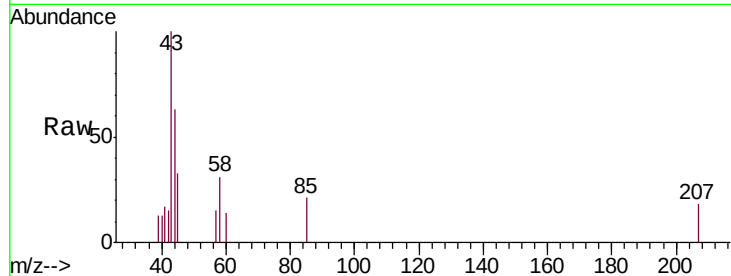




#51
 4-Methyl-2-Pentanone
 Concen: 0.32 ug/l
 RT: 7.47 min Scan# 2139
 Delta R.T. 0.00 min
 Lab File: VU025727.D
 Acq: 30 Jul 2018 17:01

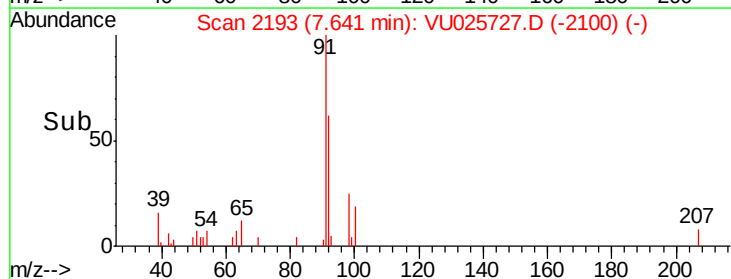
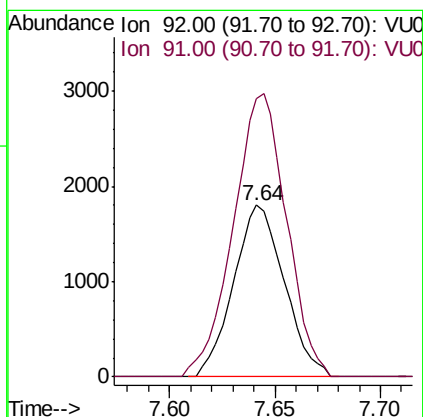
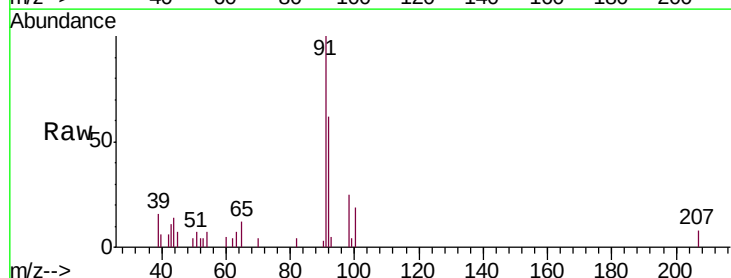
Instrument :
 MSVOA_U
 ClientSampleId :
 TP-15-S

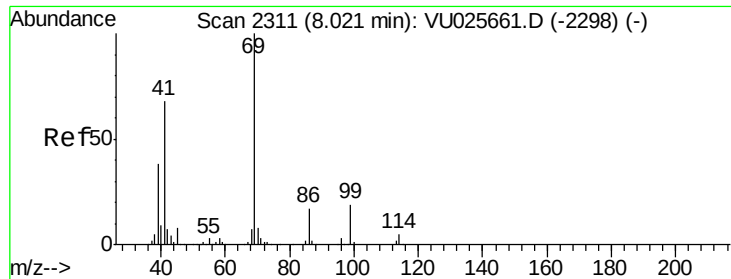
Tot Ion: 43 Resp: 1152
 Ion Ratio Lower Upper
 43 100
 58 38.6 31.0 46.4



#52
 Toluene
 Concen: 0.49 ug/l
 RT: 7.64 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VU025727.D
 Acq: 30 Jul 2018 17:01

Tgt Ion: 92 Resp: 3017
 Ion Ratio Lower Upper
 92 100
 91 172.7 139.2 208.8





#56

Ethyl methacrylate

Concen: 0.47 ug/l

RT: 7.76 min Scan# 2231

Delta R.T. -0.26 min

Lab File: VU025727.D

Acq: 30 Jul 2018 17:01

Instrument :

MSVOA_U

ClientSampleId :

TP-15-S

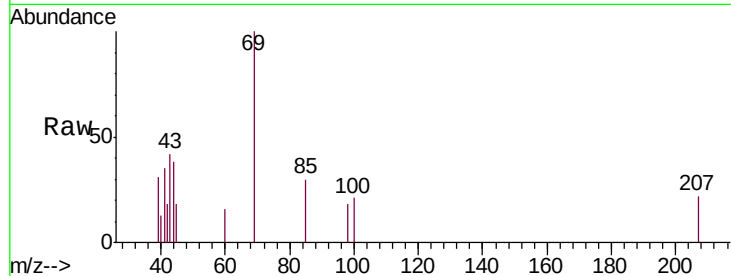
Tot Ion: 69 Resp: 1694

Ion Ratio Lower Upper

69 100

41 49.8 54.8 82.2#

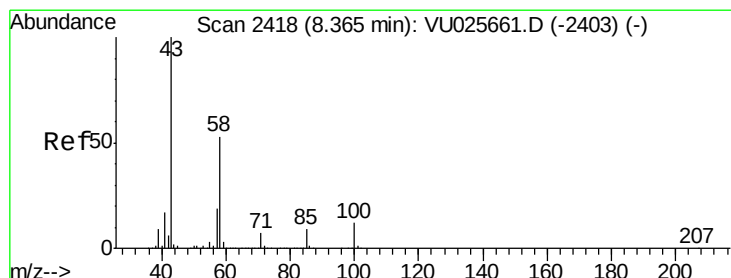
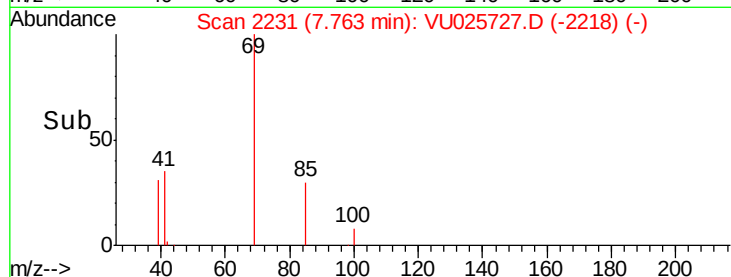
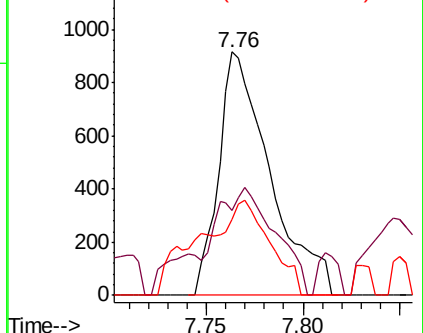
39 31.6 31.1 46.7



Abundance Ion 69.00 (68.70 to 69.70): VU025727.D (-2231) (-)

Ion 41.00 (40.70 to 41.70): VU025727.D (-2231) (-)

Ion 39.00 (38.70 to 39.70): VU025727.D (-2231) (-)



#59

2-Hexanone

Concen: 3.17 ug/l

RT: 8.42 min Scan# 2435

Delta R.T. 0.05 min

Lab File: VU025727.D

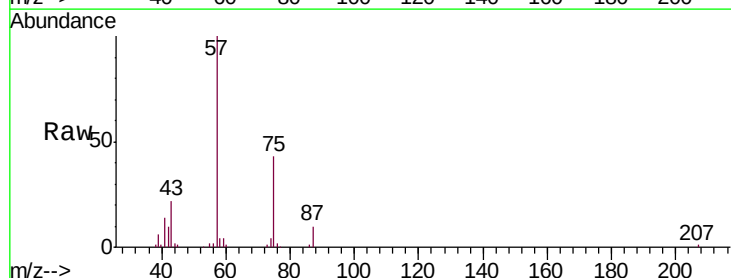
Acq: 30 Jul 2018 17:01

Tgt Ion: 43 Resp: 8962

Ion Ratio Lower Upper

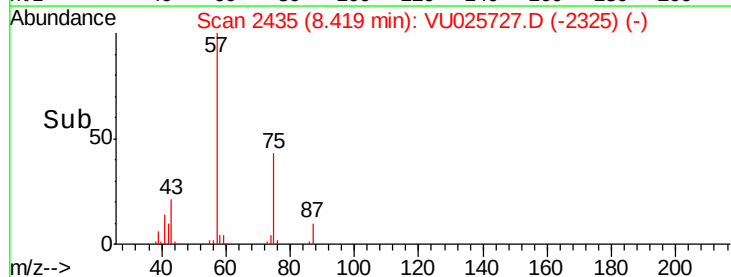
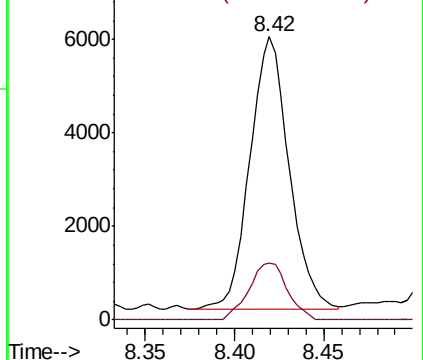
43 100

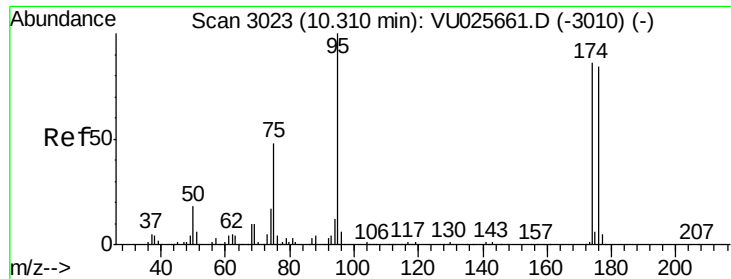
58 20.4 26.2 78.5#



Abundance Ion 43.00 (42.70 to 43.70): VU025727.D (-2435) (-)

Ion 58.00 (57.70 to 58.70): VU025727.D (-2435) (-)





#62

4-Bromofluorobenzene

Concen: 47.51 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025727.D

Acq: 30 Jul 2018 17:01

Instrument :

MSVOA_U

ClientSampleId :

TP-15-S

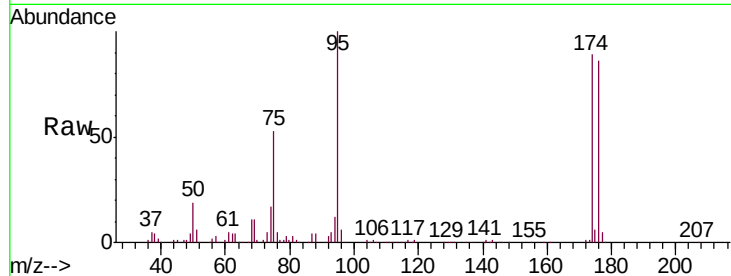
Tot Ion: 95 Resp: 161567

Ion Ratio Lower Upper

95 100

174 88.9 0.0 172.2

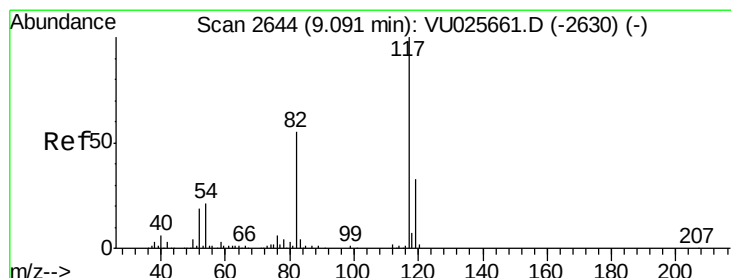
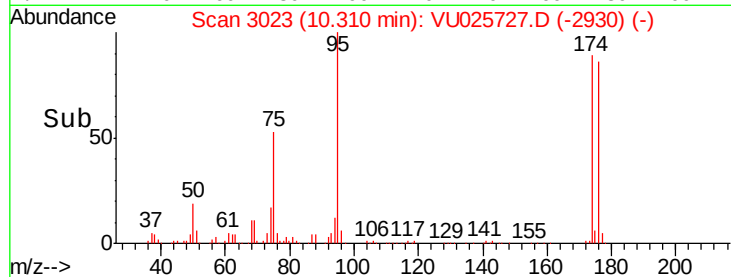
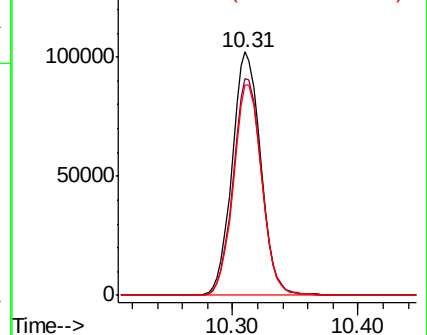
176 85.9 0.0 162.6



Abundance Ion 94.90 (94.60 to 95.60): VU025661.D (-3010) (-)

Ion 173.80 (173.50 to 174.50): VU025661.D (-3010) (-)

Ion 175.80 (175.50 to 176.50): VU025661.D (-3010) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VU025727.D

Acq: 30 Jul 2018 17:01

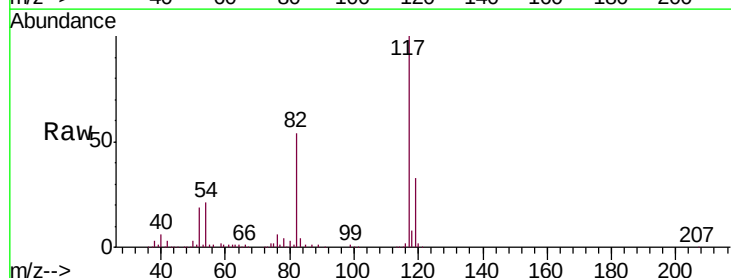
Tgt Ion: 117 Resp: 283533

Ion Ratio Lower Upper

117 100

82 54.3 46.0 69.0

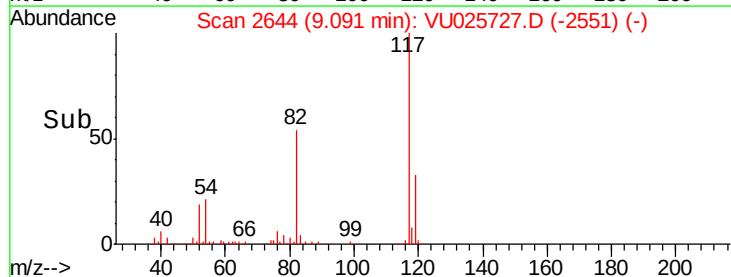
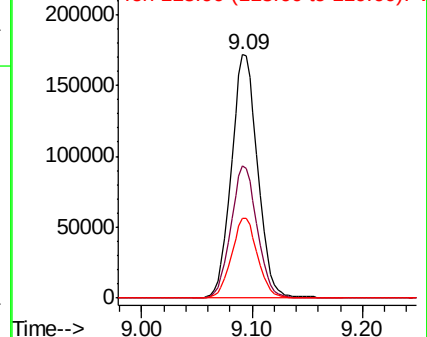
119 32.7 26.0 39.0

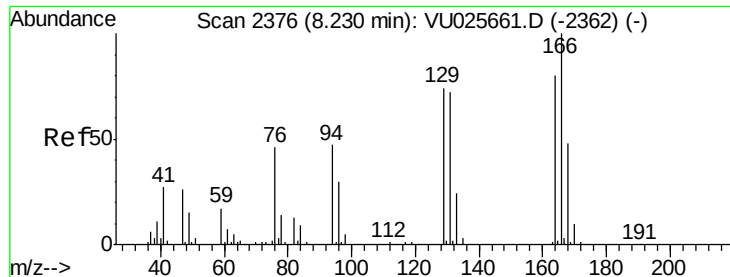


Abundance Ion 116.90 (116.60 to 117.60): VU025661.D (-2630) (-)

Ion 82.00 (81.70 to 82.70): VU025661.D (-2630) (-)

Ion 118.90 (118.60 to 119.60): VU025661.D (-2630) (-)





#64

Tetrachloroethene

Concen: 0.44 ug/l

RT: 8.23 min Scan# 2377

Delta R.T. 0.00 min

Lab File: VU025727.D

Acq: 30 Jul 2018 17:01

Instrument :

MSVOA_U

ClientSampleId :

TP-15-S

Tot Ion:164 Resp: 1089

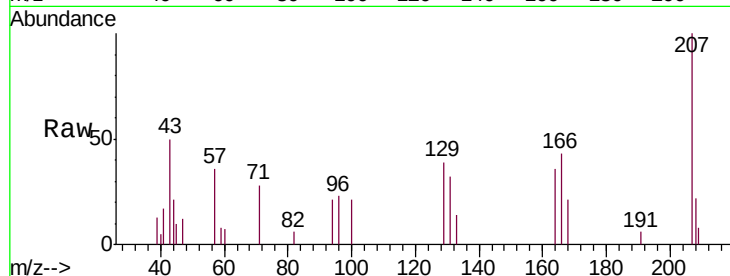
Ion Ratio Lower Upper

164 100

166 119.2 101.1 151.7

129 107.4 73.0 109.6

131 87.1 72.1 108.1



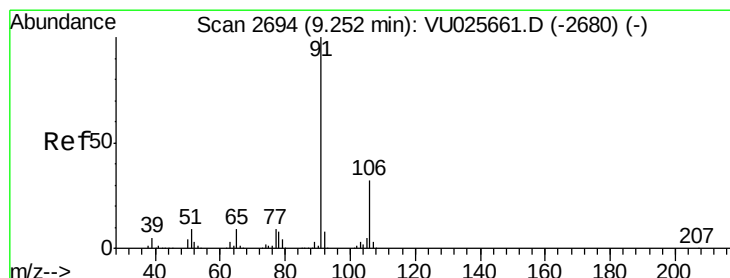
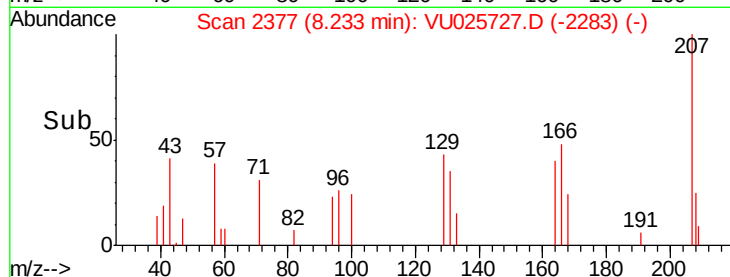
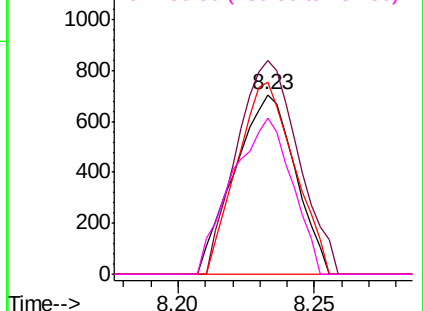
Abundance

Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#67

Ethyl Benzene

Concen: 1.07 ug/l

RT: 9.26 min Scan# 2695

Delta R.T. 0.00 min

Lab File: VU025727.D

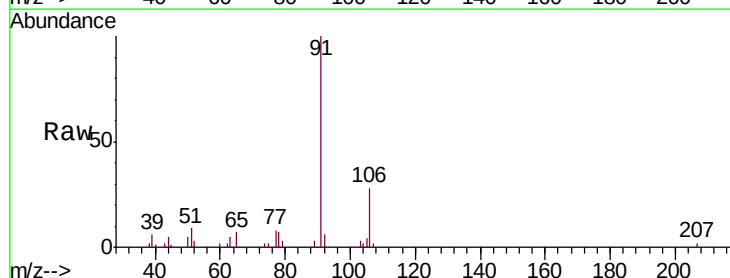
Acq: 30 Jul 2018 17:01

Tgt Ion: 91 Resp: 12904

Ion Ratio Lower Upper

91 100

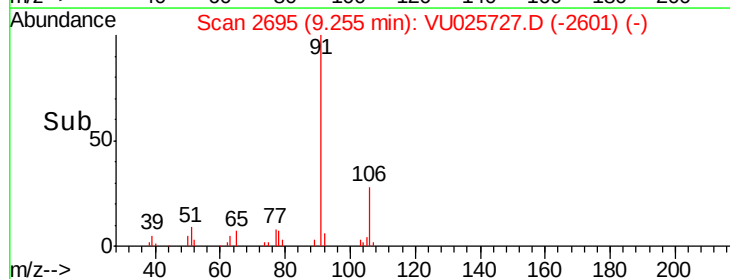
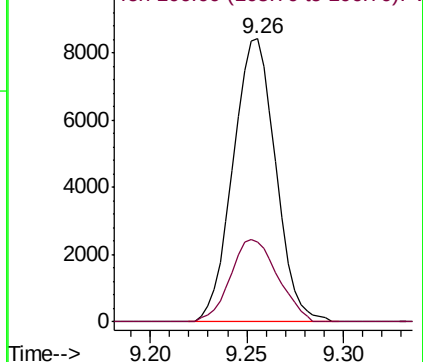
106 28.0 25.3 37.9

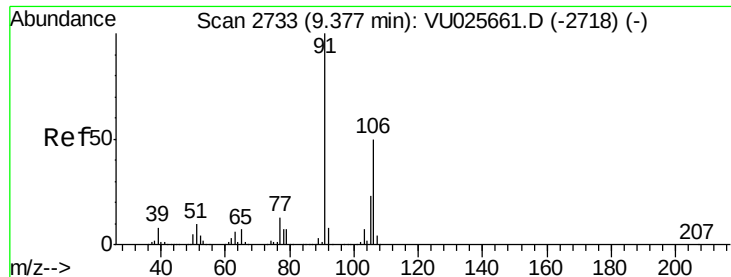


Abundance

Ion 91.00 (90.70 to 91.70): VU0

Ion 106.00 (105.70 to 106.70): V

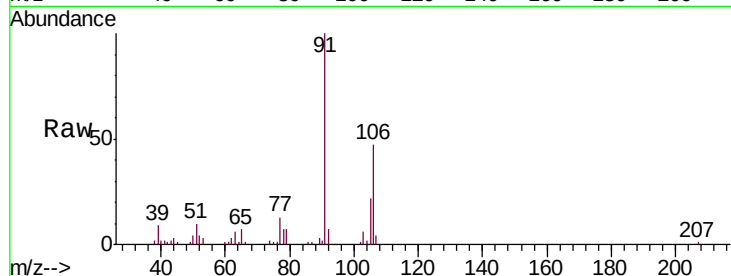




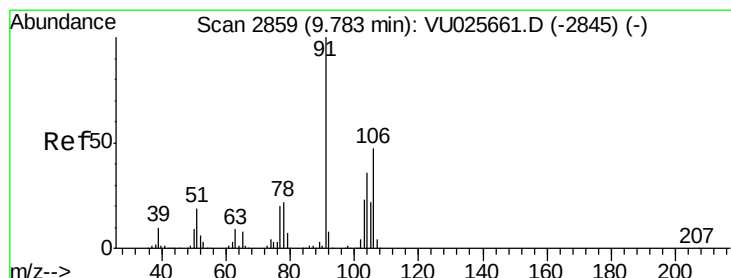
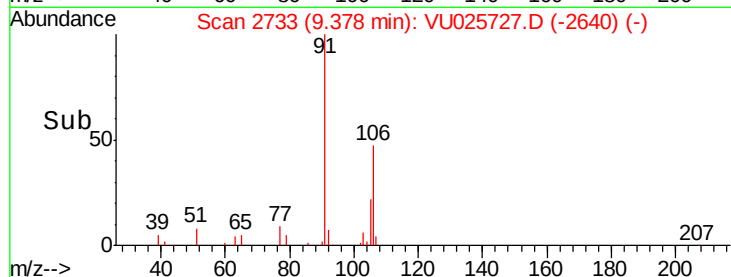
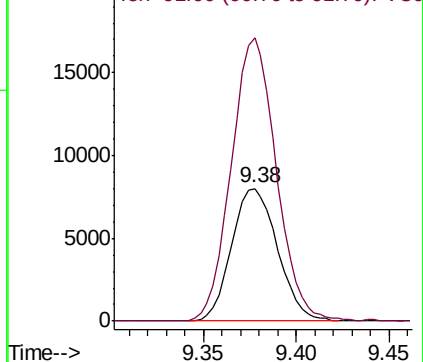
#68
m/p-Xylenes
Concen: 2.96 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU025727.D
Acq: 30 Jul 2018 17:01

Instrument :
MSVOA_U
ClientSampleId :
TP-15-S

Tot Ion:106 Resp: 13752
Ion Ratio Lower Upper
106 100
91 209.3 162.3 243.5

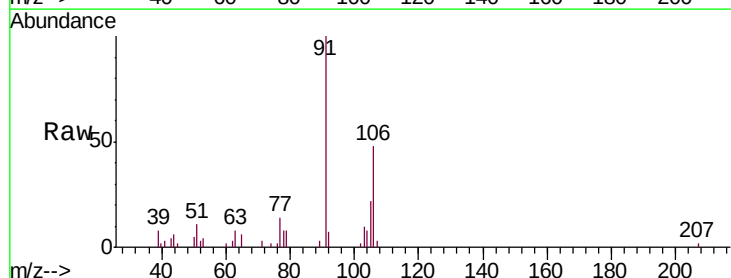


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

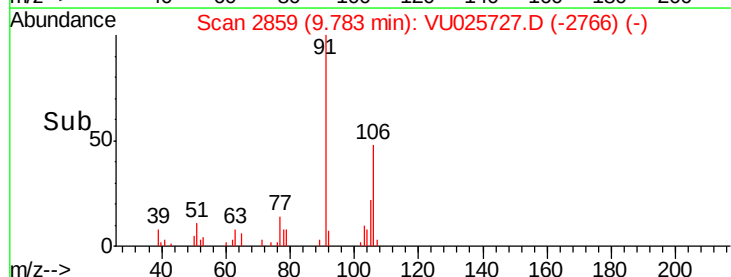
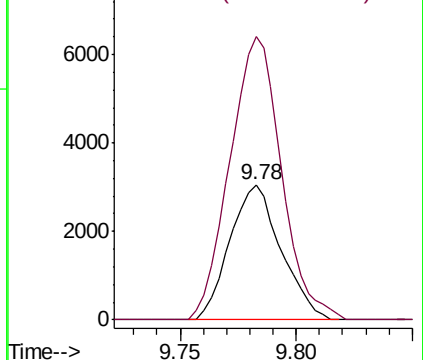


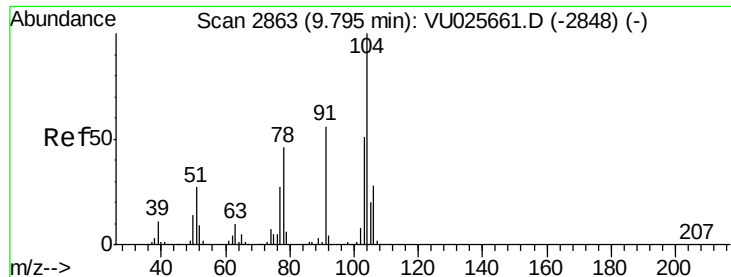
#69
o-Xylene
Concen: 1.03 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU025727.D
Acq: 30 Jul 2018 17:01

Tgt Ion:106 Resp: 4682
Ion Ratio Lower Upper
106 100
91 211.1 105.3 315.8



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

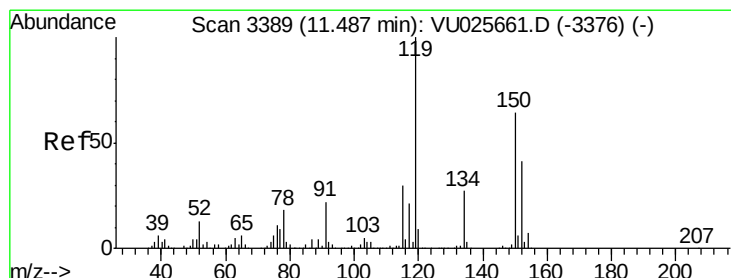
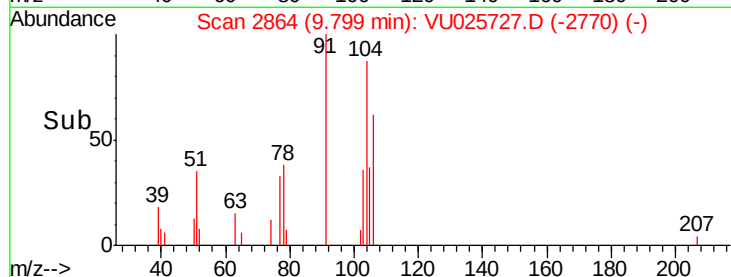
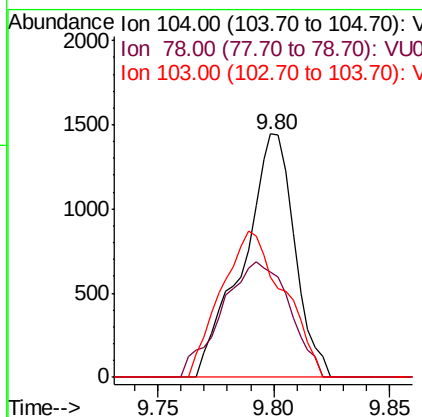
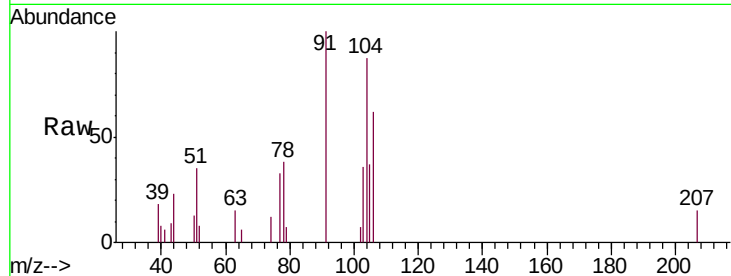




#70
Stvrene
Concen: 0.30 ug/l
RT: 9.80 min Scan# 2864
Delta R.T. 0.00 min
Lab File: VU025727.D
Acq: 30 Jul 2018 17:01

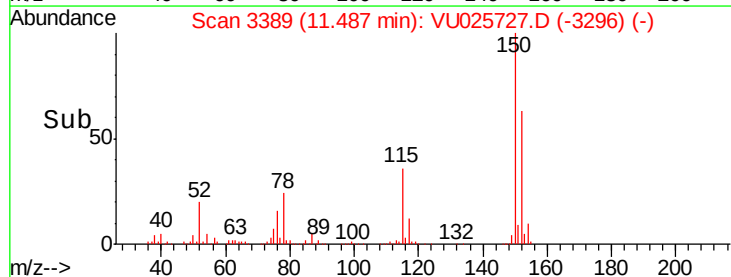
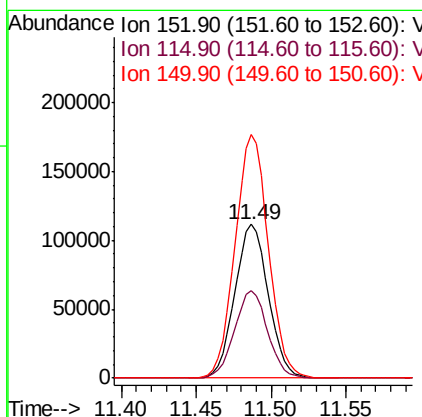
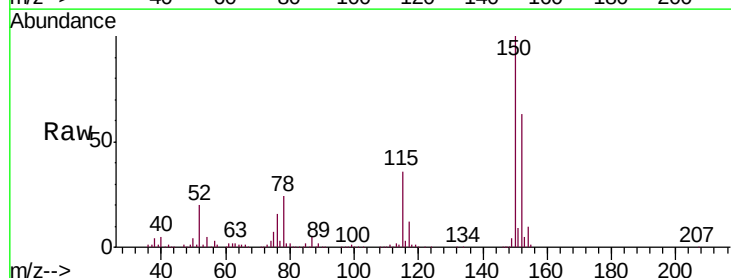
Instrument :
MSVOA_U
ClientSampleId :
TP-15-S

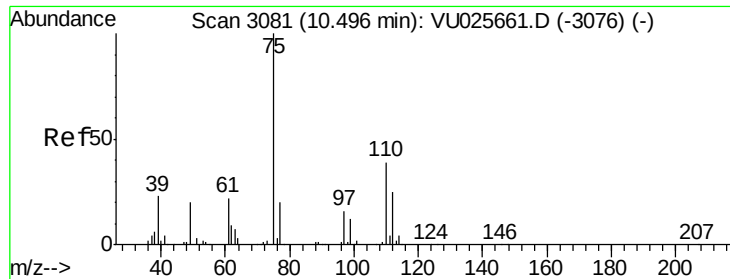
Tot Ion:104 Resp: 2233
Ion Ratio Lower Upper
104 100
78 62.2 41.6 62.4
103 73.1 44.6 66.8#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VU025727.D
Acq: 30 Jul 2018 17:01

Tgt Ion:152 Resp: 174139
Ion Ratio Lower Upper
152 100
115 56.1 40.1 120.3
150 157.2 0.0 351.4





#76

1,2,3-Trichloropropane

Concen: 22.63 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.19 min

Lab File: VU025727.D

Acq: 30 Jul 2018 17:01

Instrument :

MSVOA_U

ClientSampleId :

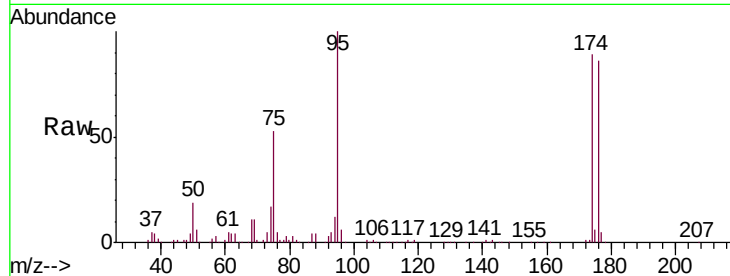
TP-15-S

Tot Ion: 75 Resp: 85083

Ion Ratio Lower Upper

75 100

77 1.2 20.4 61.3#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0

10.31

60000

50000

40000

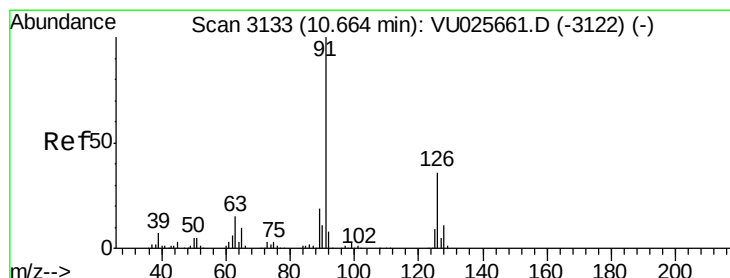
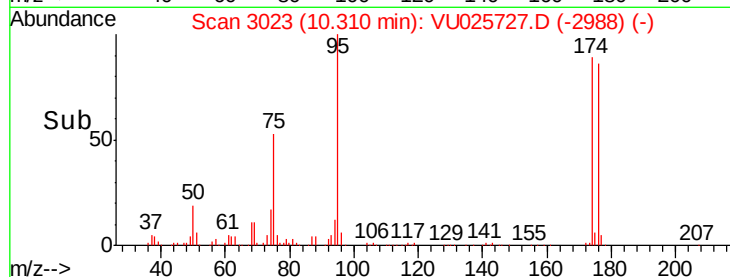
30000

20000

10000

0

Time-->



#79

2-Chlorotoluene

Concen: 0.21 ug/l

RT: 10.69 min Scan# 3140

Delta R.T. 0.02 min

Lab File: VU025727.D

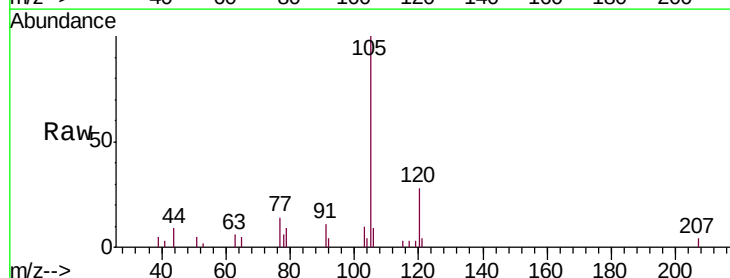
Acq: 30 Jul 2018 17:01

Tgt Ion: 91 Resp: 1688

Ion Ratio Lower Upper

91 100

126 0.0 17.5 52.6#



Abundance Ion 91.00 (90.70 to 91.70): VU0

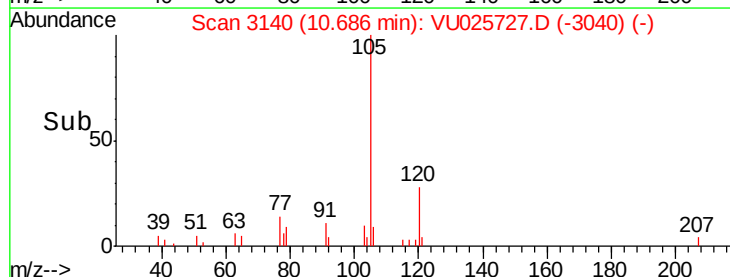
Ion 125.90 (125.60 to 126.60): V

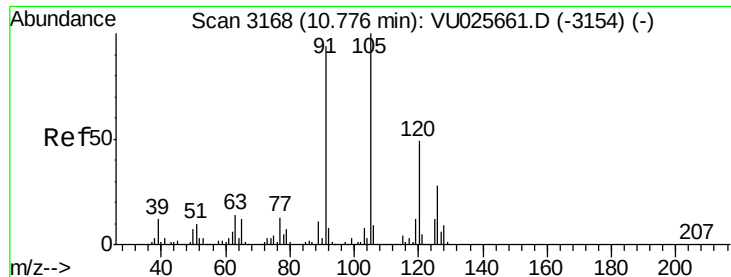
1000

500

0

Time-->





#80

1,3,5-Trimethylbenzene

Concen: 0.65 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025727.D

Acq: 30 Jul 2018 17:01

Instrument :

MSVOA_U

ClientSampleId :

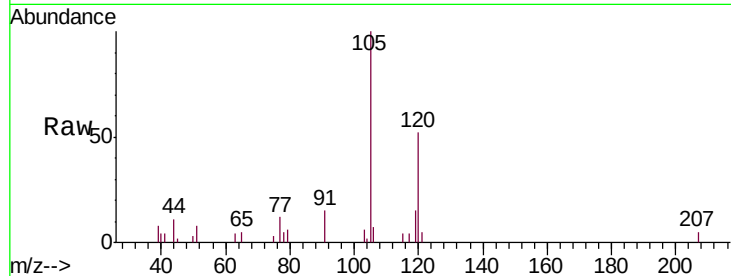
TP-15-S

Tot Ion:105 Resp: 6609

Ion Ratio Lower Upper

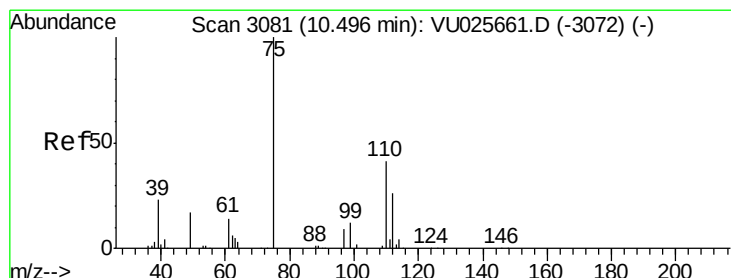
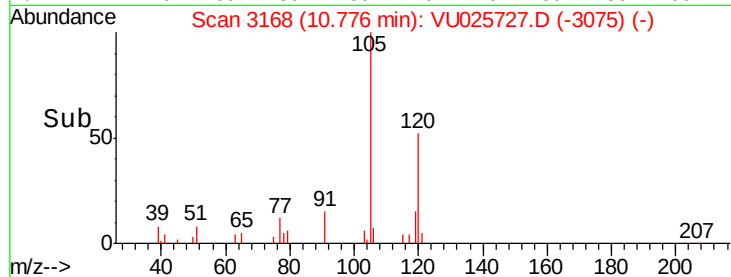
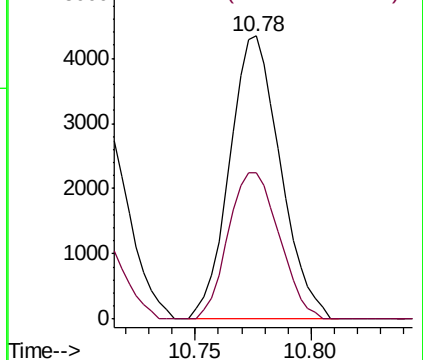
105 100

120 52.1 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: 61.34 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.19 min

Lab File: VU025727.D

Acq: 30 Jul 2018 17:01

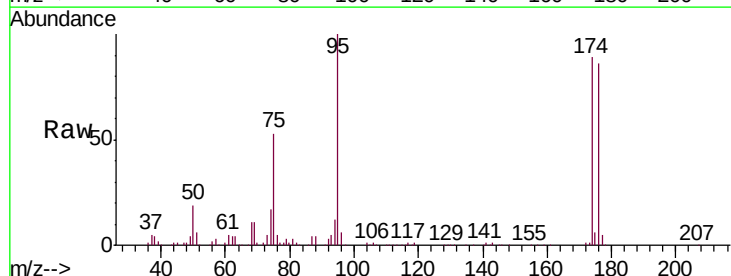
Tgt Ion: 75 Resp: 85083

Ion Ratio Lower Upper

75 100

53 0.1 0.0 0.0#

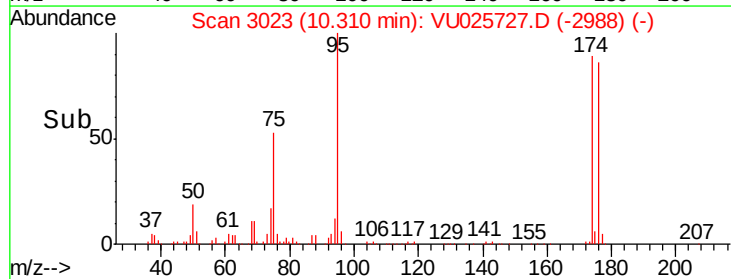
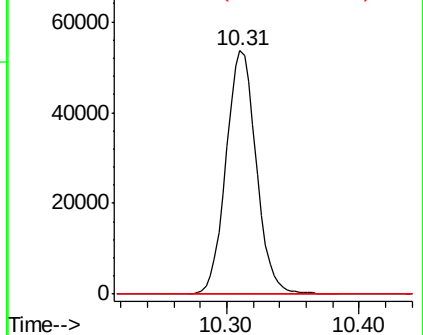
89 0.0 0.0 0.0

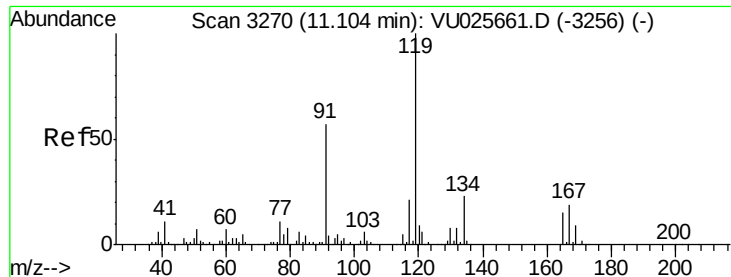


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0





#83

tert-Butylbenzene

Concen: 0.23 ug/l

RT: 11.15 min Scan# 3285

Delta R.T. 0.05 min

Lab File: VU025727.D

Acq: 30 Jul 2018 17:01

Instrument :

MSVOA_U

ClientSampleId :

TP-15-S

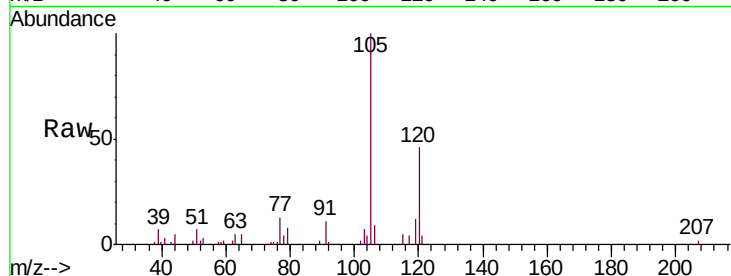
Tot Ion:119 Resp: 2345

Ion Ratio Lower Upper

119 100

91 85.6 29.7 89.1

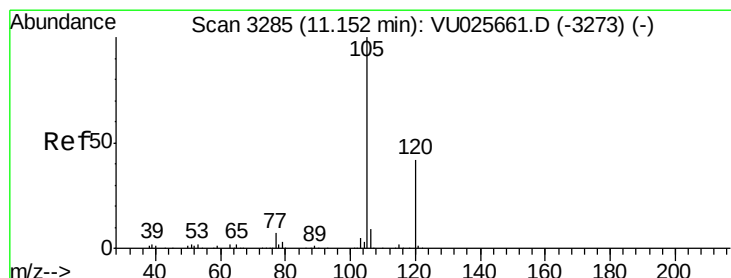
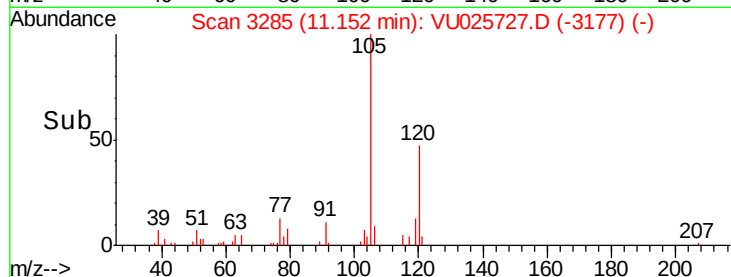
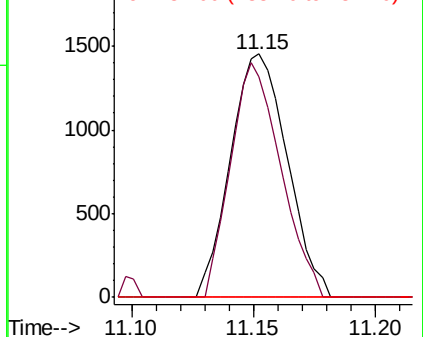
134 0.0 11.5 34.5#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VU0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 1.74 ug/l

RT: 11.15 min Scan# 3285

Delta R.T. 0.00 min

Lab File: VU025727.D

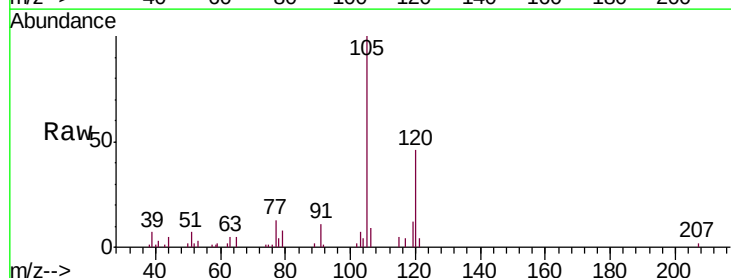
Acq: 30 Jul 2018 17:01

Tgt Ion:105 Resp: 17755

Ion Ratio Lower Upper

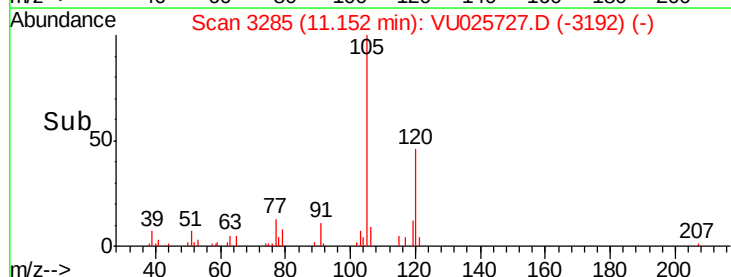
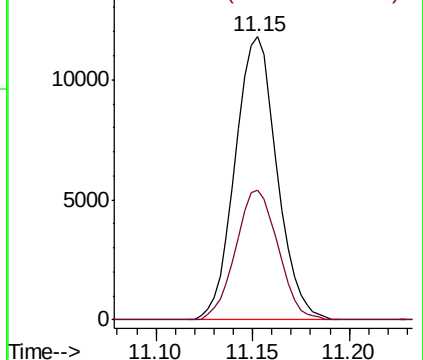
105 100

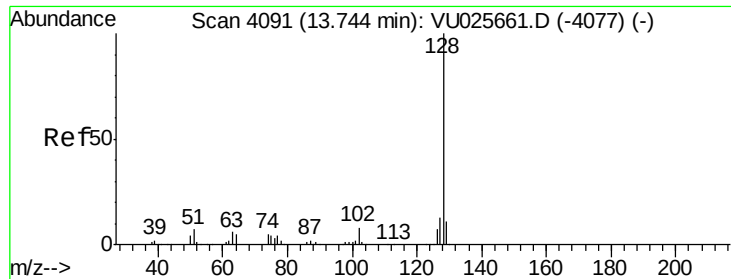
120 46.6 22.3 66.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

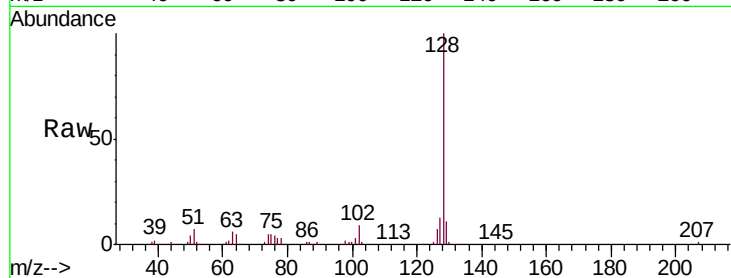




#95
 Naphthalene
 Concen: 9.62 ug/l
 RT: 13.74 min Scan# 4091
 Delta R.T. 0.00 min
 Lab File: VU025727.D
 Acq: 30 Jul 2018 17:01

Instrument :
 MSVOA_U
 ClientSampleId :
 TP-15-S

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.5	15.7
129	10.7	8.3	12.5



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

