

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091218\
 Data File : VU026686.D
 Acq On : 11 Sep 2018 18:11
 Operator : MD/SY
 Sample : J4803-10
 Misc : 5.61g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EP1-Q2-H5ME

Quant Time: Sep 12 05:39:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U091218W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 05:32:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	101080	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	175968	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	182650	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	121345	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	84309	54.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.96%	
35) Dibromofluoromethane	4.88	113	73097	50.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.86%	
50) Toluene-d8	7.57	98	262912	49.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.04%	
62) 4-Bromofluorobenzene	10.31	95	122104	63.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	126.92%	

Target Compounds						Qvalue
3) Chloromethane	1.32	50	362	0.237	ug/l #	75
5) Bromomethane	1.60	94	903	0.912	ug/l	92
10) Methyl Iodide	2.38	142	587	9.765	ug/l #	83
11) Tert butyl alcohol	2.83	59	3988	10.670	ug/l #	73
16) Acetone	2.13	43	50707	58.410	ug/l #	43
17) Carbon Disulfide	2.43	76	1015	0.275	ug/l #	76
18) Methyl Acetate	2.63	43	4161	2.221	ug/l	91
20) Methylene Chloride	2.68	84	473	0.336	ug/l #	81
31) Cyclohexane	4.98	56	2125	0.767	ug/l #	1
36) 1,1-Dichloropropene	4.98	75	7705	3.900	ug/l #	48
38) Carbon Tetrachloride	4.98	117	9607	4.602	ug/l #	16
53) t-1,3-Dichloropropene	7.81	75	708	0.301	ug/l #	43
56) Ethyl methacrylate	7.91	69	170	2.912	ug/l #	69
59) 2-Hexanone	8.33	43	4881	2.563	ug/l #	27
69) o-Xylene	9.79	106	19	1.239	ug/l #	1
70) Styrene	9.81	104	353	1.926	ug/l #	58
74) N-amyl acetate	10.01	43	25465	6.523	ug/l #	38
75) 1,1,2,2-Tetrachloroethane	10.49	83	76508	22.703	ug/l #	32
76) 1,2,3-Trichloropropane	10.31	75	56124	20.648	ug/l #	41
78) n-propylbenzene	10.59	91	2056	0.214	ug/l #	53
79) 2-Chlorotoluene	10.71	91	6330	1.062	ug/l	78
80) 1,3,5-Trimethylbenzene	10.78	105	177456	25.532	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.31	75	56124	63.635	ug/l #	100
82) 4-Chlorotoluene	10.71	91	6330	0.945	ug/l	86
83) tert-Butylbenzene	11.10	119	12355	1.752	ug/l #	68
84) 1,2,4-Trimethylbenzene	11.15	105	30220	4.311	ug/l	95
85) sec-Butylbenzene	11.15	105	30220	3.608	ug/l #	56
86) p-Isopropyltoluene	11.48	119	65987	9.070	ug/l	98
88) 1,4-Dichlorobenzene	11.51	146	1049	0.241	ug/l #	1
89) n-Butylbenzene	11.88	91	122553	17.997	ug/l #	1
90) Hexachloroethane	12.15	117	15653	10.590	ug/l #	7
92) 1,2-Dibromo-3-Chloropropan	12.65	75	2033	3.009	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.50	180	1029	0.367	ug/l #	1
94) Hexachlorobutadiene	13.69	225	417	0.289	ug/l	95

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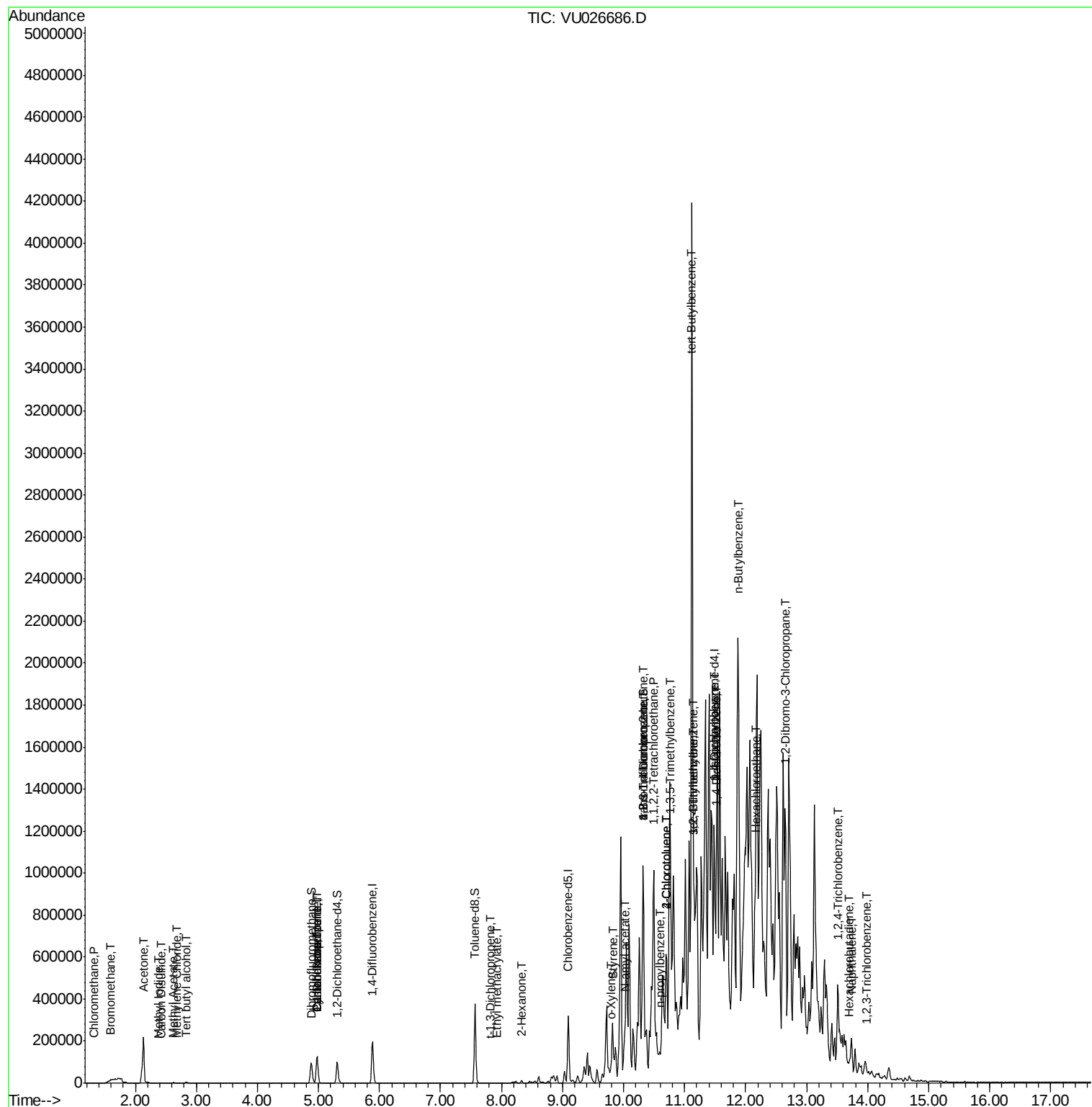
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	13.74	128	8997	1.951	ug/l #	40
96) 1,2,3-Trichlorobenzene	13.99	180	613	0.210	ug/l #	42

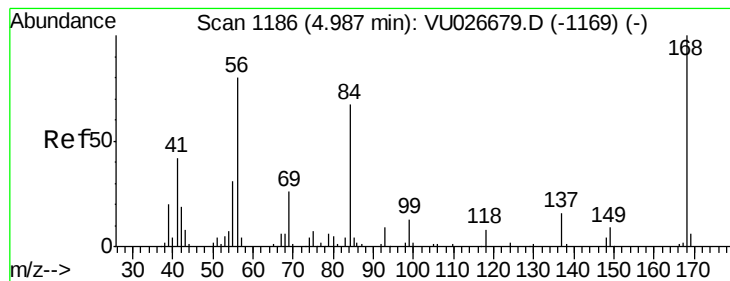
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1183

Delta R.T. -0.01 min

Lab File: VU026686.D

Acq: 11 Sep 2018 18:11

Instrument :

MSVOA_U

ClientSampleId :

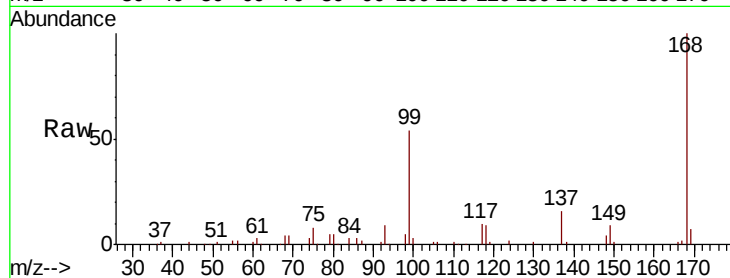
EP1-Q2-H5ME

Tgt Ion:168 Resp: 101080

Ion Ratio Lower Upper

168 100

99 53.8 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): VU026679.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU026679.D (-1169) (-)

4.98

50000

40000

30000

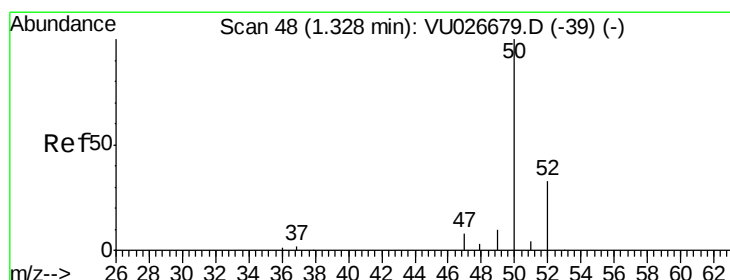
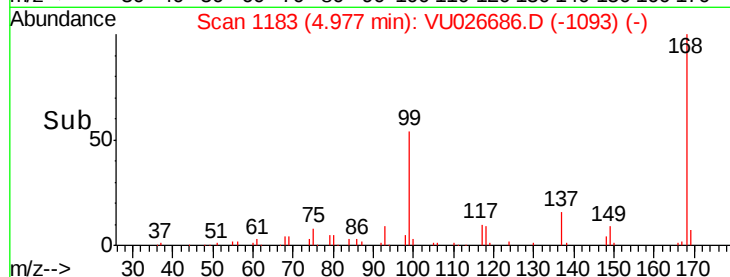
20000

10000

0

4.90 5.00 5.10

Time-->



#3

Chloromethane

Concen: 0.237 ug/l

RT: 1.32 min Scan# 45

Delta R.T. -0.01 min

Lab File: VU026686.D

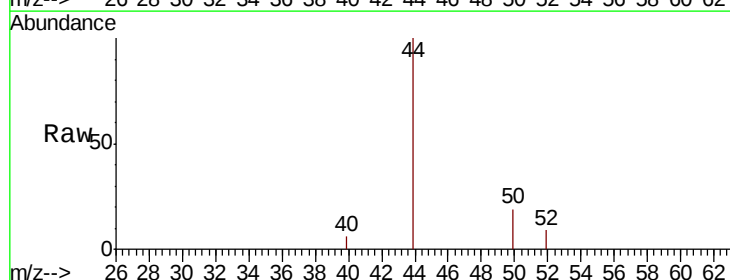
Acq: 11 Sep 2018 18:11

Tgt Ion: 50 Resp: 362

Ion Ratio Lower Upper

50 100

52 46.8 26.3 39.5#



Abundance Ion 49.90 (49.60 to 50.60): VU026679.D (-39) (-)

Ion 51.90 (51.60 to 52.60): VU026679.D (-39) (-)

1.32

300

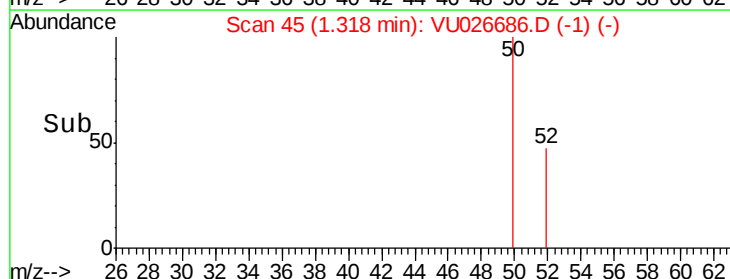
200

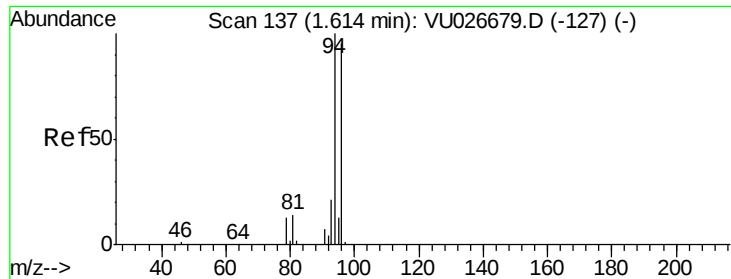
100

0

1.30 1.32 1.34

Time-->





#5

Bromomethane

Concen: 0.912 ug/l

RT: 1.60 min Scan# 132

Delta R.T. -0.02 min

Lab File: VU026686.D

Acq: 11 Sep 2018 18:11

Instrument :

MSVOA_U

ClientSampleId :

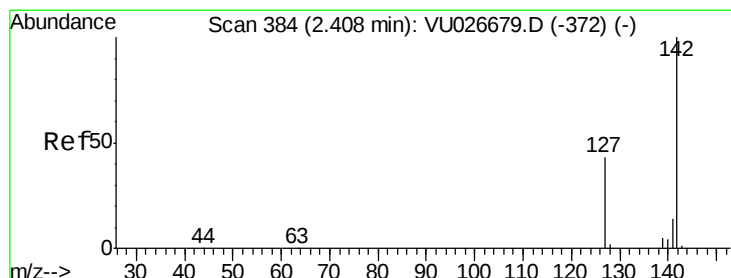
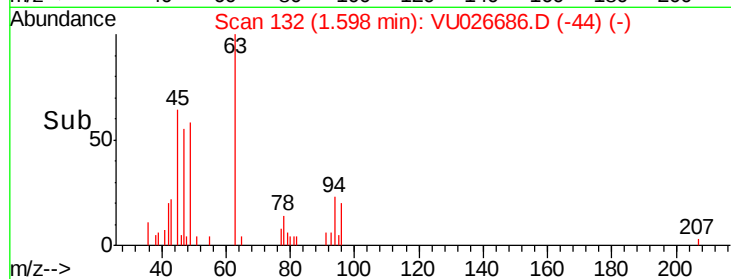
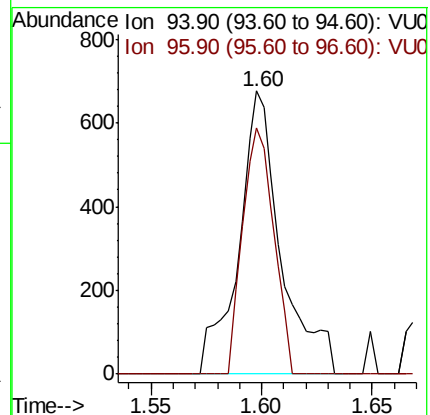
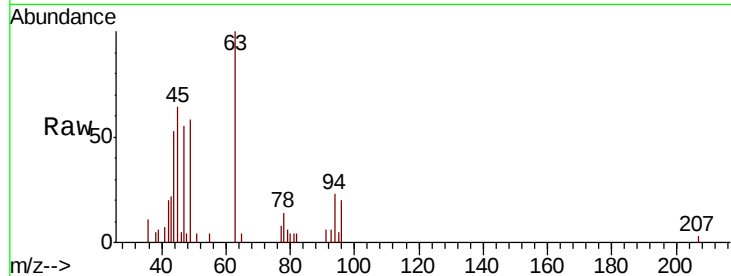
EP1-Q2-H5ME

Tgt Ion: 94 Resp: 903

Ion Ratio Lower Upper

94 100

96 87.1 75.8 113.6



#10

Methyl Iodide

Concen: 9.765 ug/l

RT: 2.38 min Scan# 376

Delta R.T. -0.03 min

Lab File: VU026686.D

Acq: 11 Sep 2018 18:11

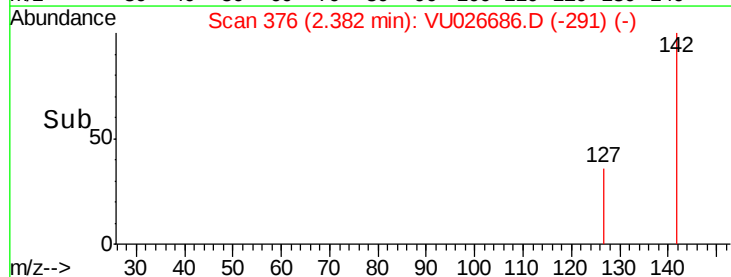
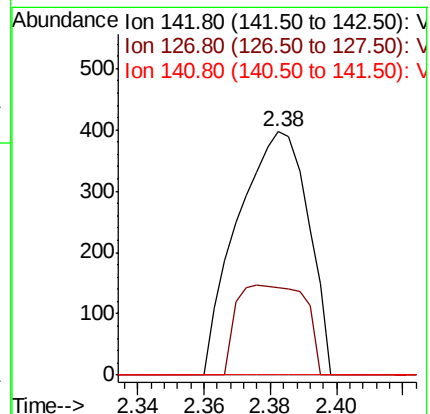
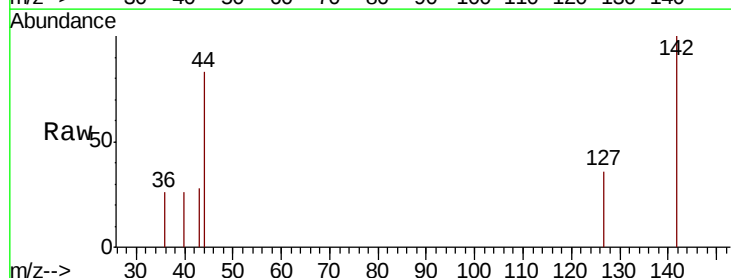
Tgt Ion: 142 Resp: 587

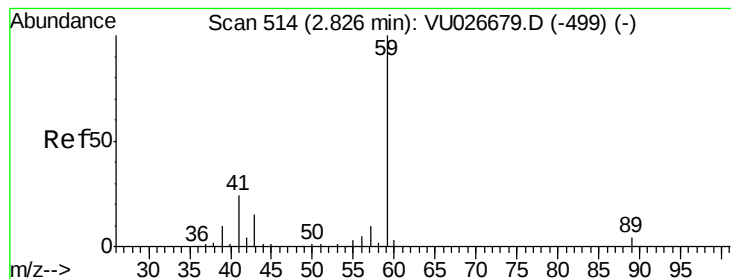
Ion Ratio Lower Upper

142 100

127 35.6 34.1 51.1

141 0.0 11.2 16.8#



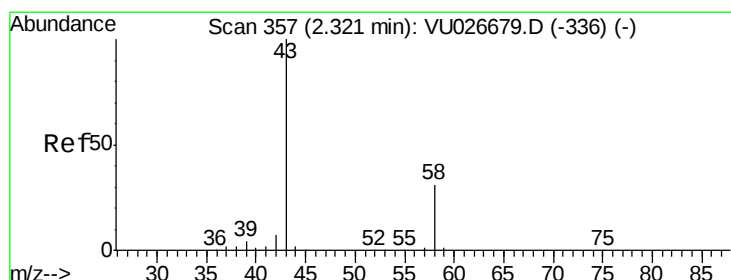
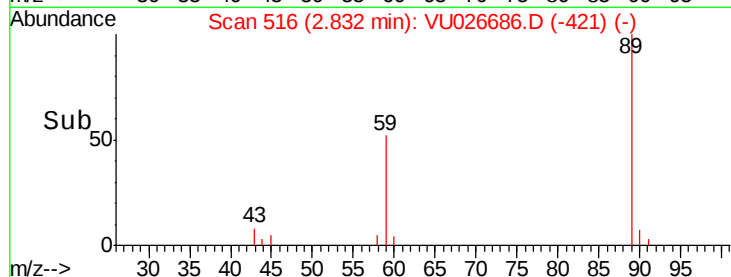
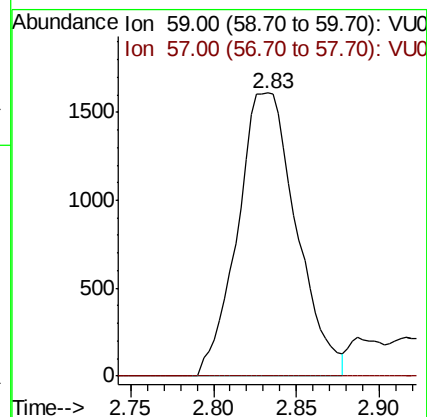
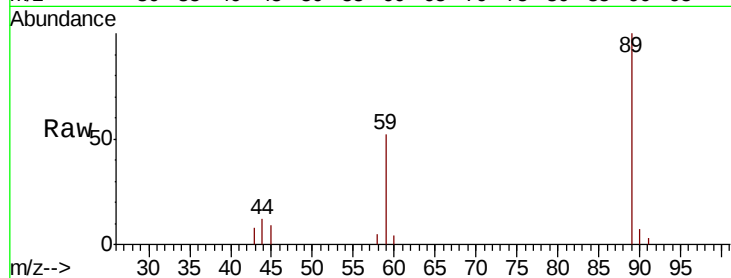


#11

Tert butyl alcohol
 Concen: 10.670 ug/l
 RT: 2.83 min Scan# 516
 Delta R.T. 0.01 min
 Lab File: VU026686.D
 Acq: 11 Sep 2018 18:11

Instrument :
 MSVOA_U
 ClientSampleId :
 EP1-Q2-H5ME

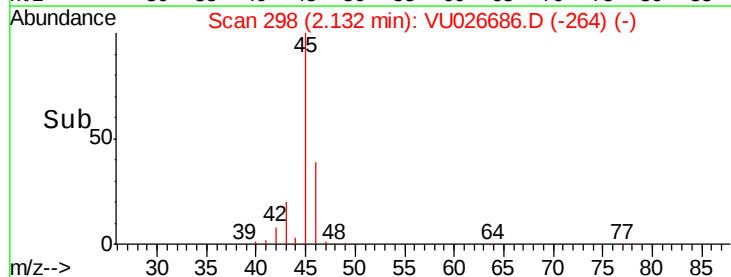
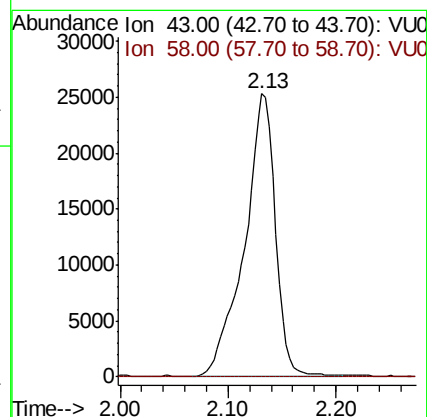
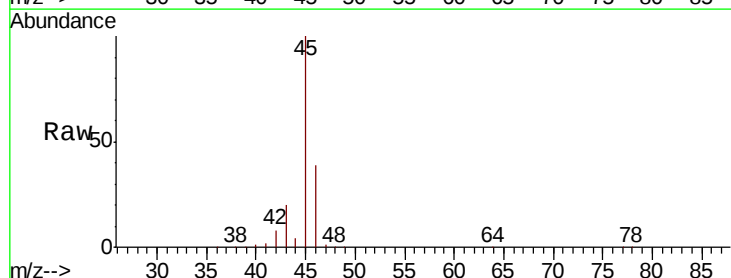
Tgt Ion: 59 Resp: 3988
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.0 12.0#

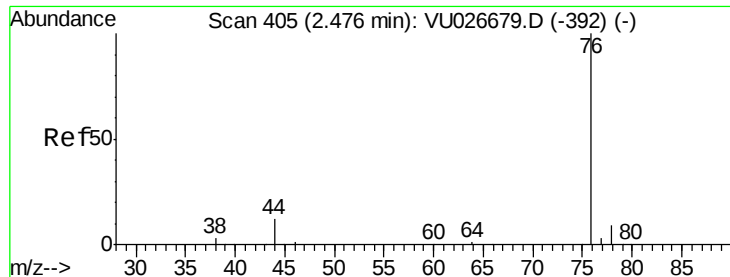


#16

Acetone
 Concen: 58.410 ug/l
 RT: 2.13 min Scan# 298
 Delta R.T. -0.19 min
 Lab File: VU026686.D
 Acq: 11 Sep 2018 18:11

Tgt Ion: 43 Resp: 50707
 Ion Ratio Lower Upper
 43 100
 58 0.0 25.1 37.7#

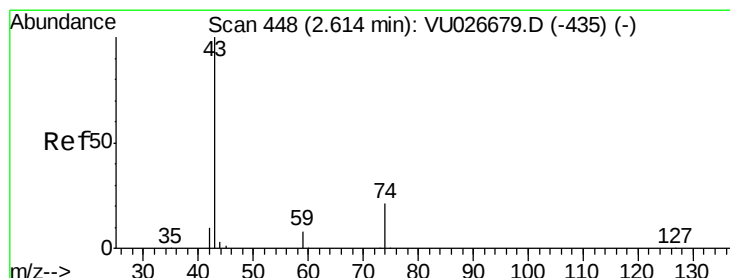
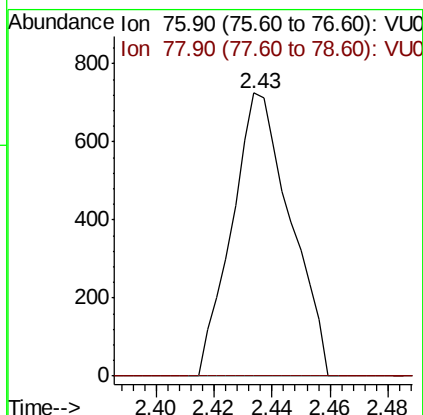
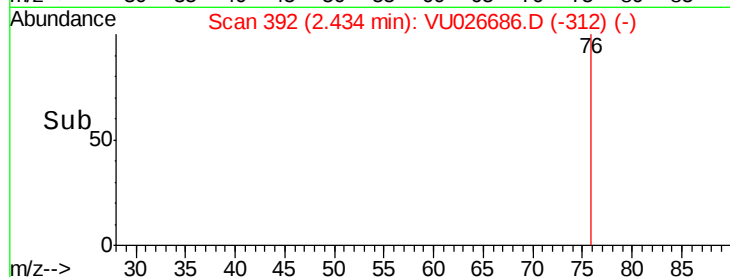
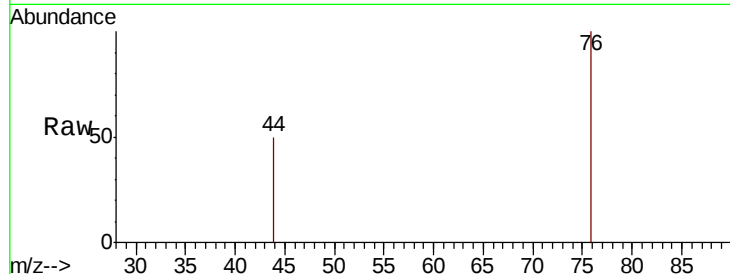




#17
Carbon Disulfide
Concen: 0.275 ug/l
RT: 2.43 min Scan# 392
Delta R.T. -0.04 min
Lab File: VU026686.D
Acq: 11 Sep 2018 18:11

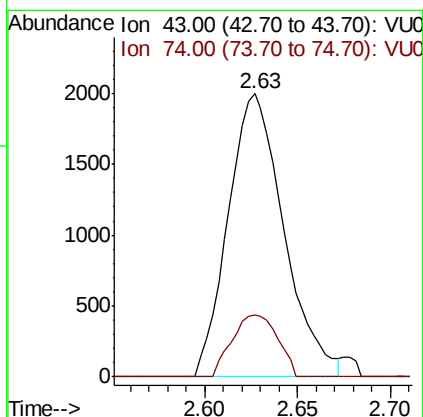
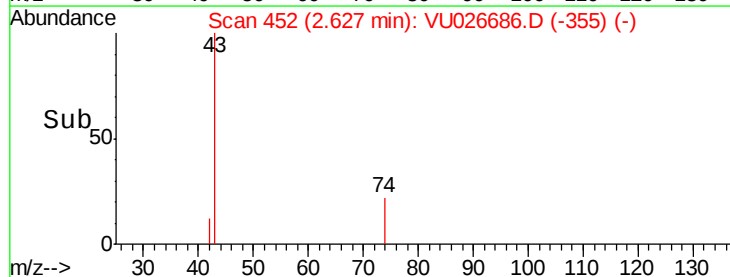
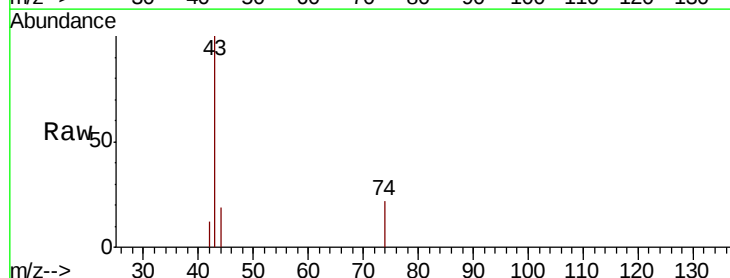
Instrument :
MSVOA_U
ClientSampleId :
EP1-Q2-H5ME

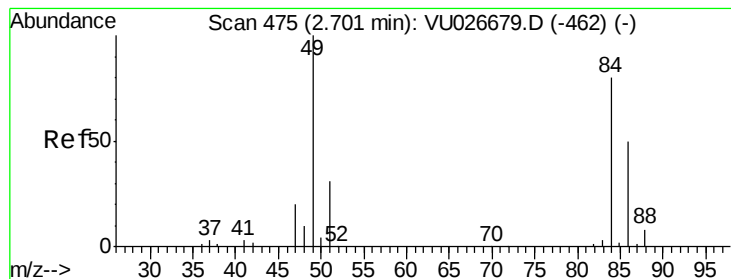
Tgt Ion: 76 Resp: 1015
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



#18
Methyl Acetate
Concen: 2.221 ug/l
RT: 2.63 min Scan# 452
Delta R.T. 0.01 min
Lab File: VU026686.D
Acq: 11 Sep 2018 18:11

Tgt Ion: 43 Resp: 4161
Ion Ratio Lower Upper
43 100
74 17.9 17.7 26.5





#20

Methylene Chloride

Concen: 0.336 ug/l

RT: 2.68 min Scan# 468

Delta R.T. -0.02 min

Lab File: VU026686.D

Acq: 11 Sep 2018 18:11

Instrument :

MSVOA_U

ClientSampleId :

EP1-Q2-H5ME

Tgt Ion: 84 Resp: 473

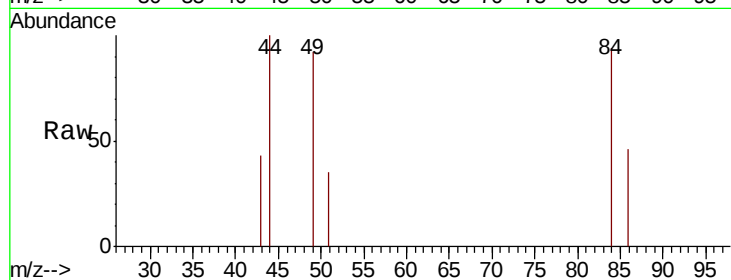
Ion Ratio Lower Upper

84 100

49 97.3 100.6 151.0#

51 37.5 30.9 46.3

86 48.5 50.4 75.6#



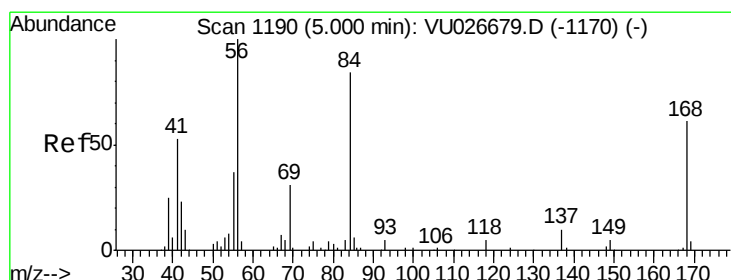
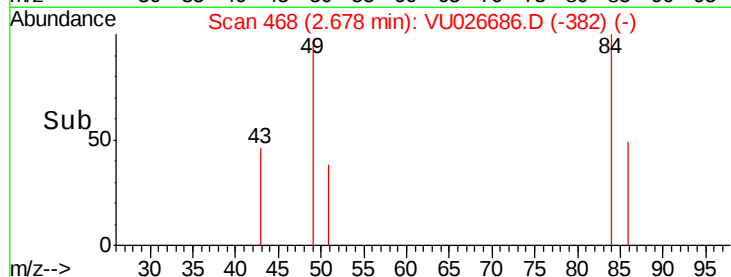
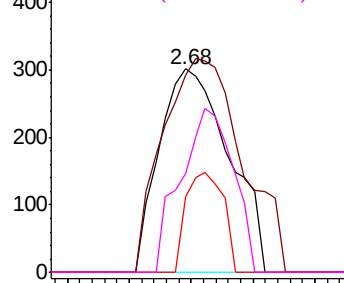
Abundance

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



#31

Cyclohexane

Concen: 0.767 ug/l

RT: 4.98 min Scan# 1183

Delta R.T. -0.02 min

Lab File: VU026686.D

Acq: 11 Sep 2018 18:11

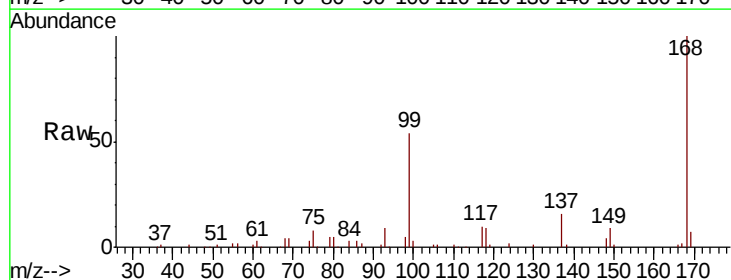
Tgt Ion: 56 Resp: 2125

Ion Ratio Lower Upper

56 100

69 164.7 24.9 37.3#

84 135.1 66.6 100.0#

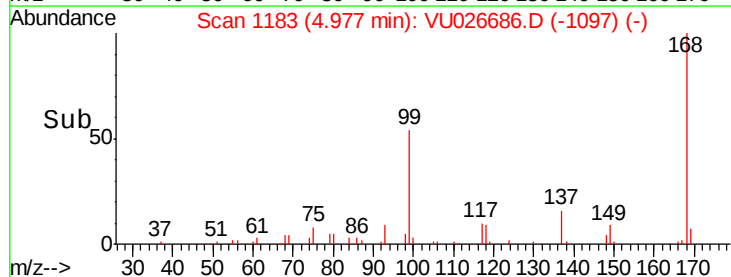
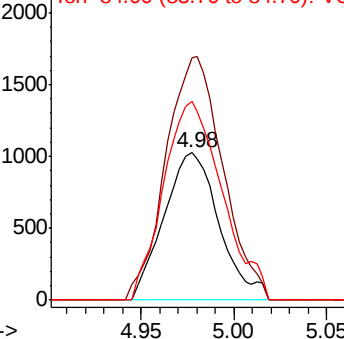


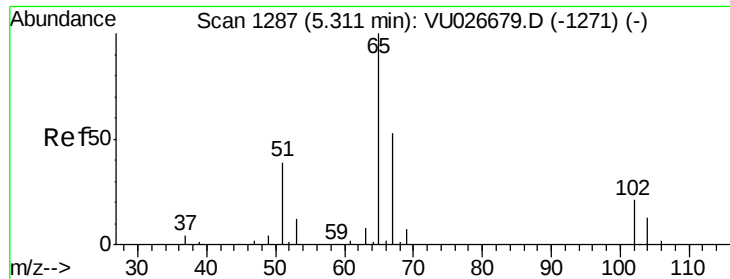
Abundance

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

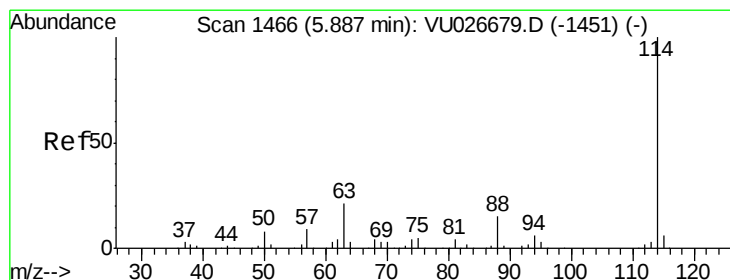
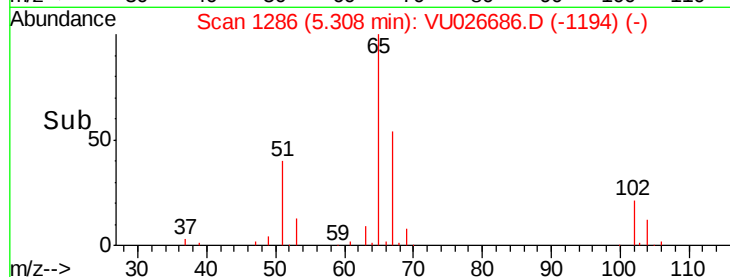
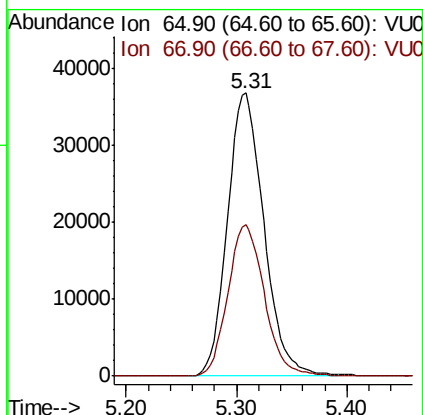
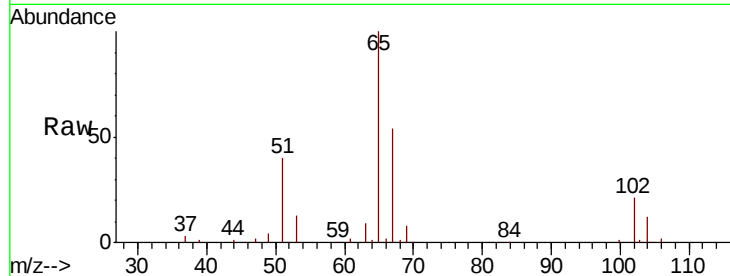




#33
 1,2-Dichloroethane-d4
 Concen: 54.984 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: VU026686.D
 Acq: 11 Sep 2018 18:11

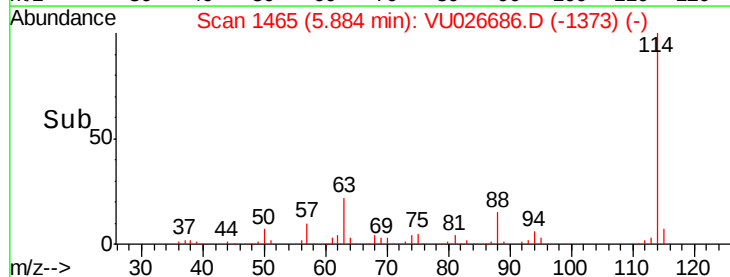
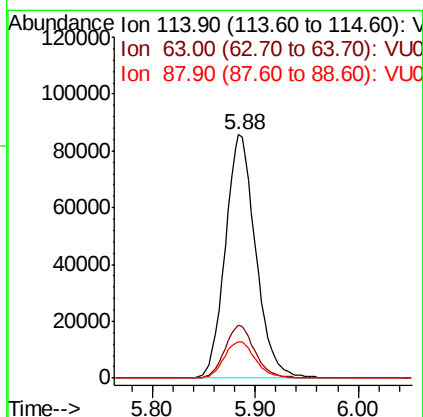
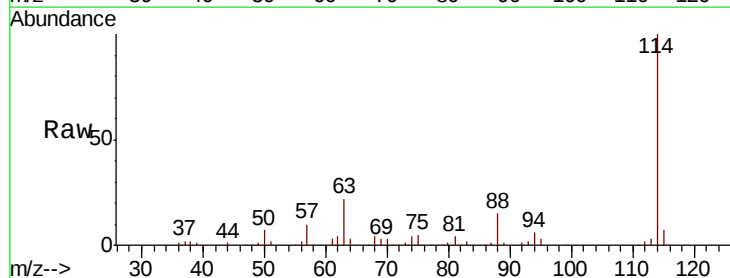
Instrument :
 MSVOA_U
 ClientSampleId :
 EP1-Q2-H5ME

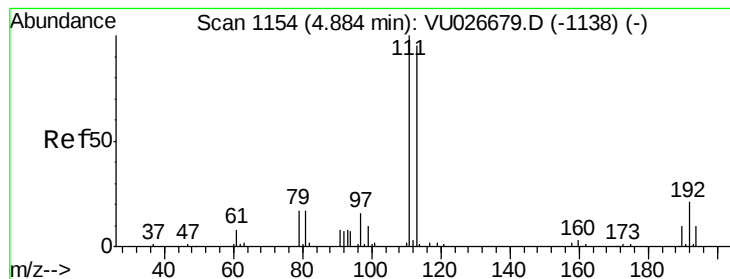
Tgt Ion: 65 Resp: 84309
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: VU026686.D
 Acq: 11 Sep 2018 18:11

Tgt Ion: 114 Resp: 175968
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 41.4
 88 15.0 0.0 30.8





#35

Dibromofluoromethane

Concen: 50.926 ug/l

RT: 4.88 min Scan# 1153

Delta R.T. -0.00 min

Lab File: VU026686.D

Acq: 11 Sep 2018 18:11

Instrument :

MSVOA_U

ClientSampleId :

EP1-Q2-H5ME

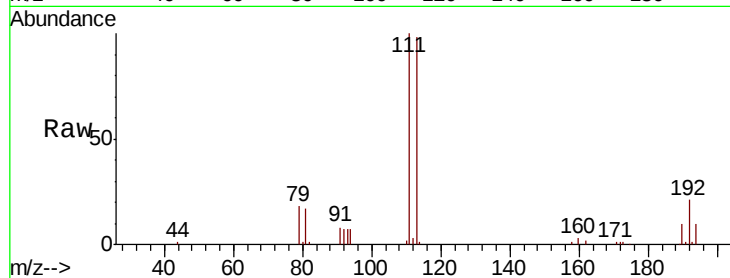
Tgt Ion:113 Resp: 73097

Ion Ratio Lower Upper

113 100

111 101.3 83.1 124.7

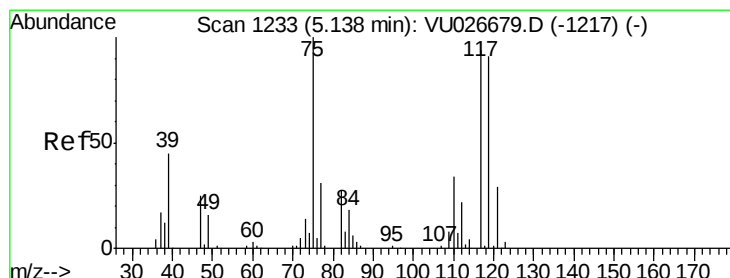
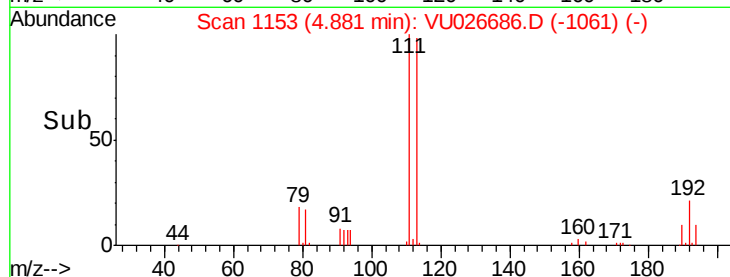
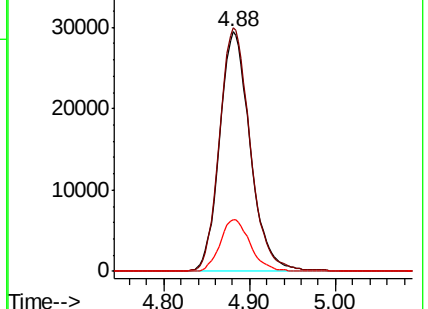
192 21.3 17.4 26.2



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: 3.900 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. -0.16 min

Lab File: VU026686.D

Acq: 11 Sep 2018 18:11

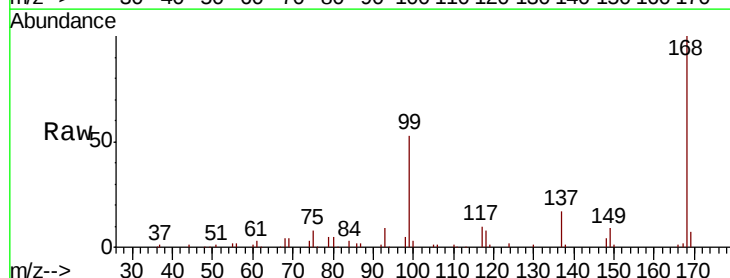
Tgt Ion: 75 Resp: 7705

Ion Ratio Lower Upper

75 100

110 7.2 17.3 51.9#

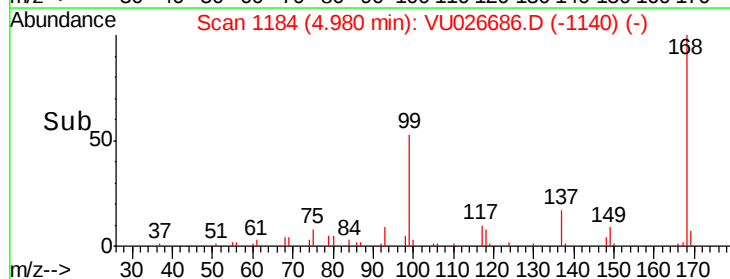
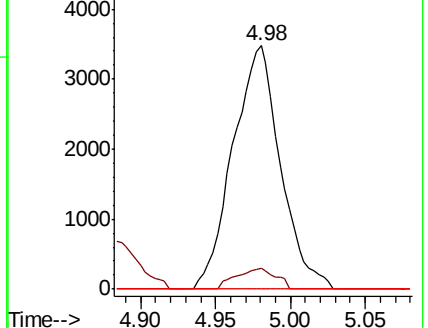
77 0.0 24.9 37.3#

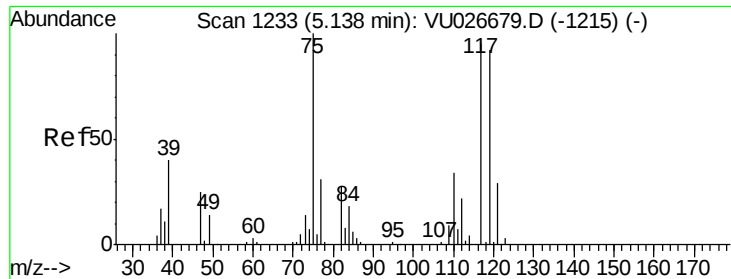


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0





#38

Carbon Tetrachloride

Concen: 4.602 ug/l

RT: 4.98 min Scan# 1183

Delta R.T. -0.16 min

Lab File: VU026686.D

Acq: 11 Sep 2018 18:11

Instrument :

MSVOA_U

ClientSampleId :

EP1-Q2-H5ME

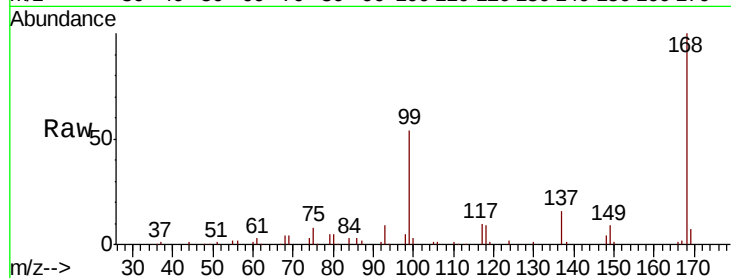
Tgt Ion:117 Resp: 9607

Ion Ratio Lower Upper

117 100

119 6.0 77.8 116.8#

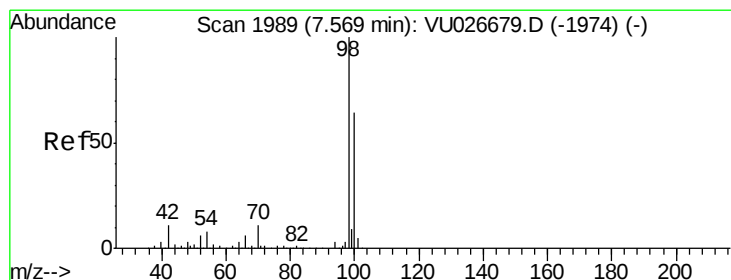
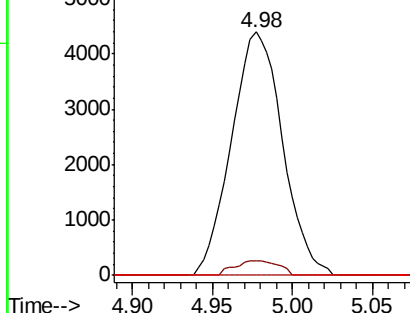
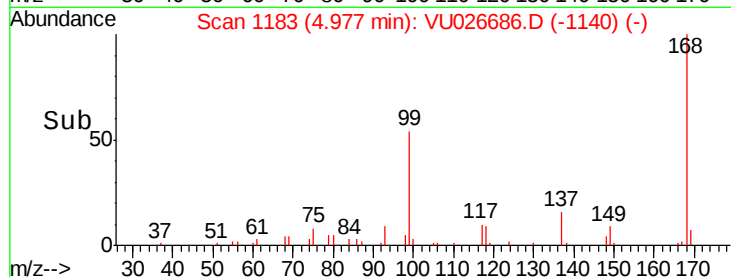
121 0.0 25.0 37.4#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 49.524 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU026686.D

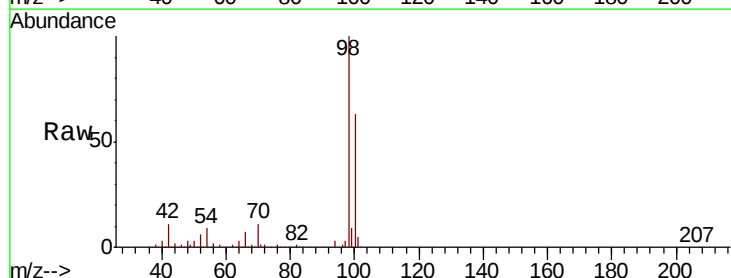
Acq: 11 Sep 2018 18:11

Tgt Ion: 98 Resp: 262912

Ion Ratio Lower Upper

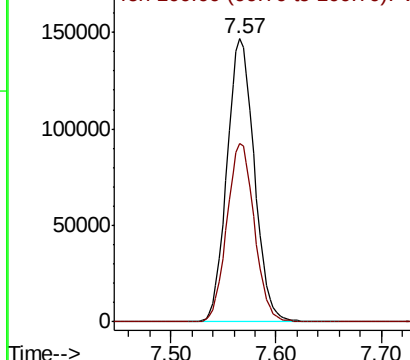
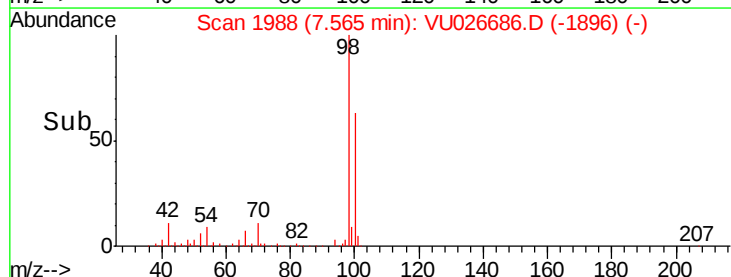
98 100

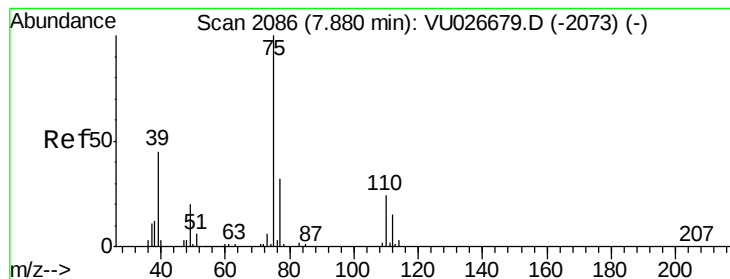
100 63.4 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU





#53

t-1,3-Dichloropropene

Concen: 0.301 ug/l

RT: 7.81 min Scan# 2064

Delta R.T. -0.07 min

Lab File: VU026686.D

Acq: 11 Sep 2018 18:11

Instrument :

MSVOA_U

ClientSampleId :

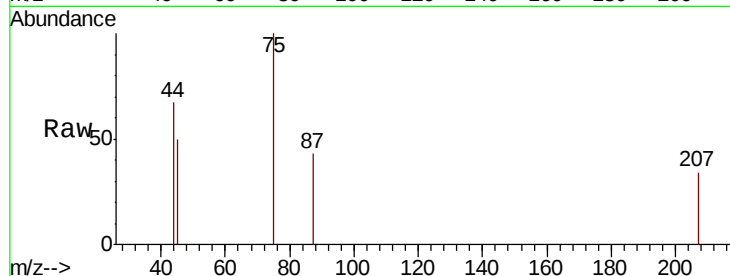
EP1-Q2-H5ME

Tgt Ion: 75 Resp: 708

Ion Ratio Lower Upper

75 100

77 0.0 25.2 37.8#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

7.81

400

300

200

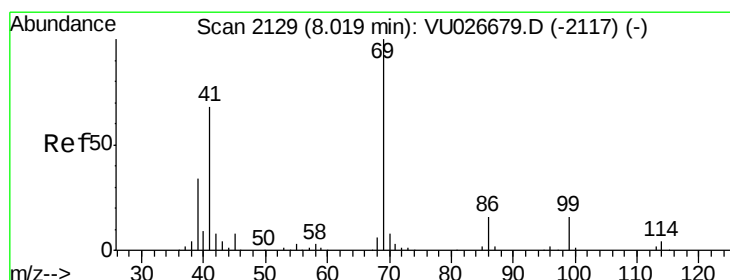
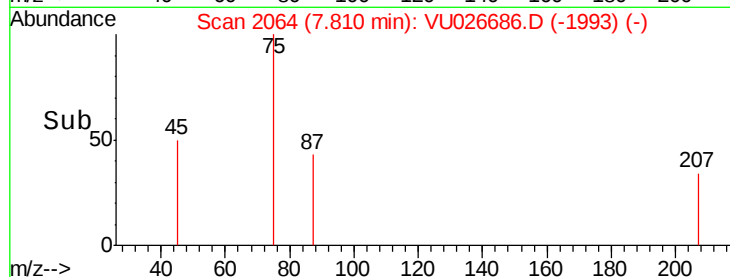
100

0

7.80

7.85

Time-->



#56

Ethyl methacrylate

Concen: 2.912 ug/l

RT: 7.91 min Scan# 2095

Delta R.T. -0.11 min

Lab File: VU026686.D

Acq: 11 Sep 2018 18:11

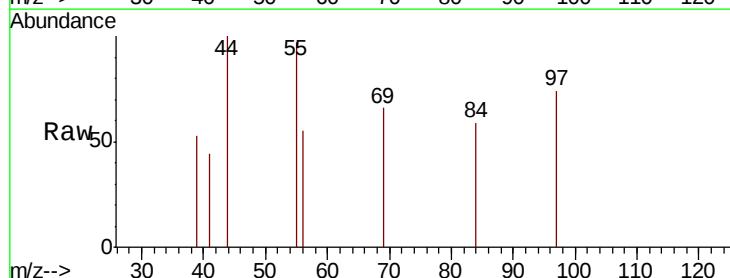
Tgt Ion: 69 Resp: 170

Ion Ratio Lower Upper

69 100

41 102.9 54.2 81.2#

39 40.0 28.4 42.6



Abundance Ion 69.00 (68.70 to 69.70): VU0

Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

250

200

150

100

50

0

7.88

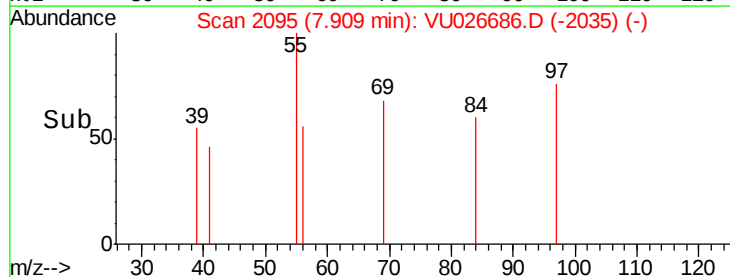
7.90

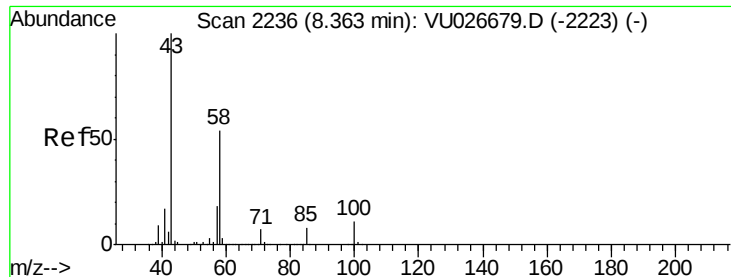
7.91

7.92

7.94

Time-->

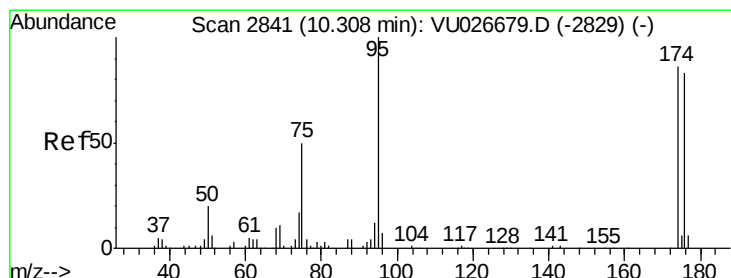
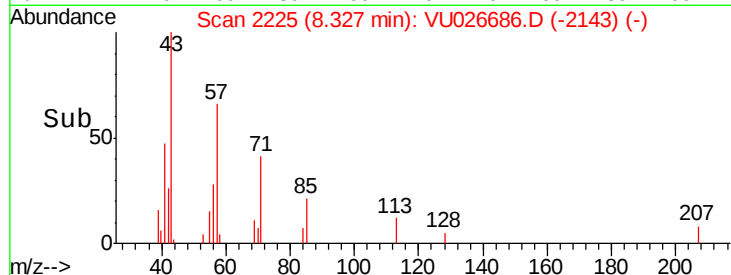
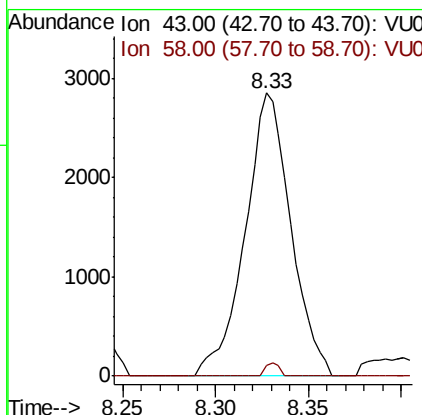
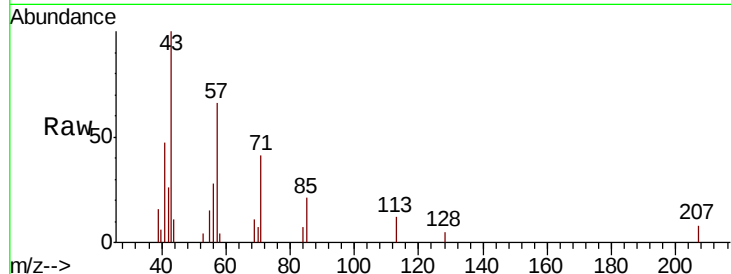




#59
 2-Hexanone
 Concen: 2.563 ug/l
 RT: 8.33 min Scan# 2225
 Delta R.T. -0.04 min
 Lab File: VU026686.D
 Acq: 11 Sep 2018 18:11

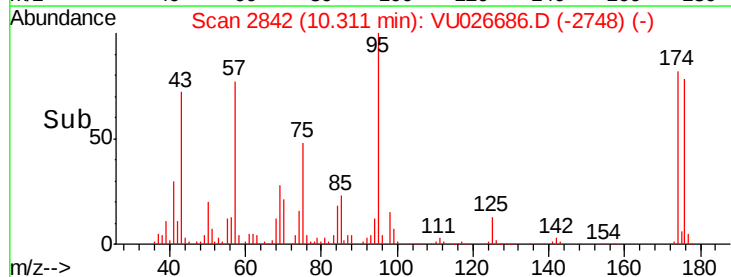
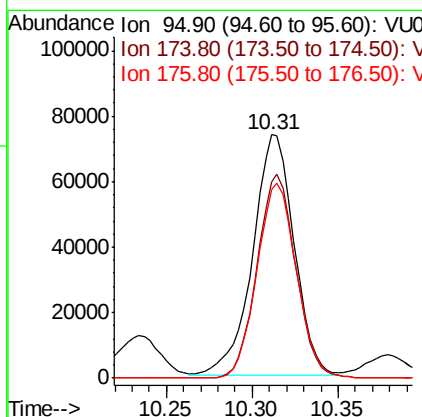
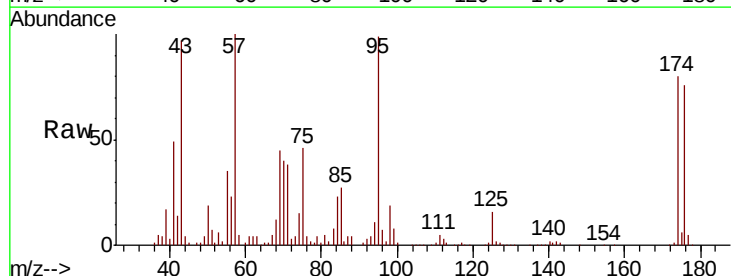
Instrument :
 MSVOA_U
 ClientSampleId :
 EP1-Q2-H5ME

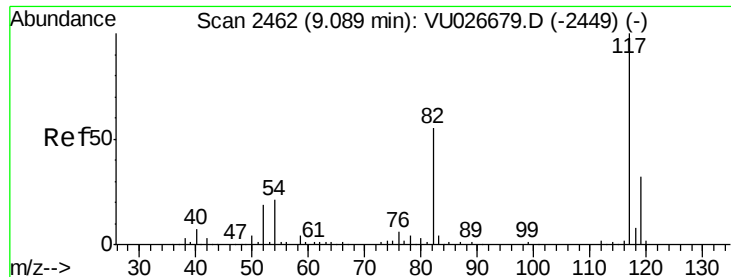
Tgt Ion: 43 Resp: 4881
 Ion Ratio Lower Upper
 43 100
 58 1.4 26.9 80.7#



#62
 4-Bromofluorobenzene
 Concen: 63.461 ug/l
 RT: 10.31 min Scan# 2842
 Delta R.T. 0.00 min
 Lab File: VU026686.D
 Acq: 11 Sep 2018 18:11

Tgt Ion: 95 Resp: 122104
 Ion Ratio Lower Upper
 95 100
 174 79.8 0.0 172.8
 176 77.7 0.0 168.6

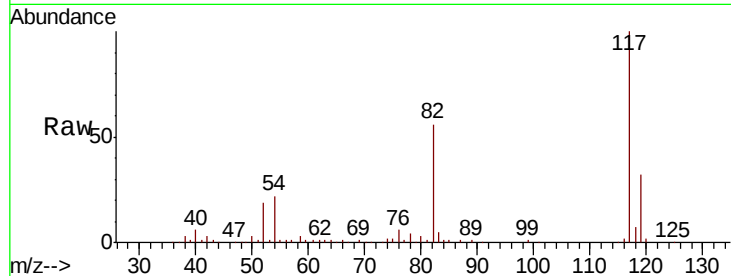




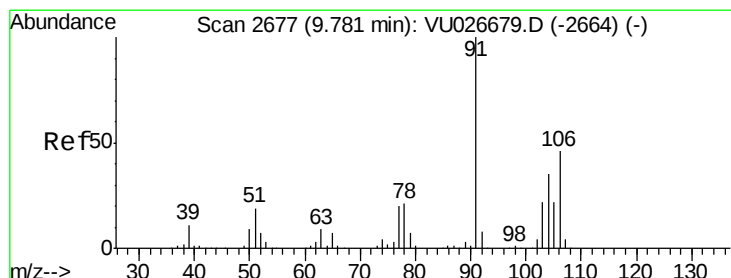
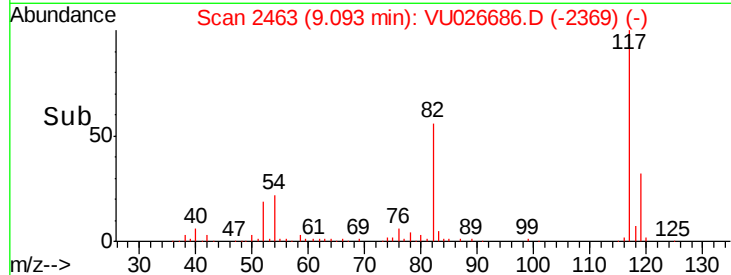
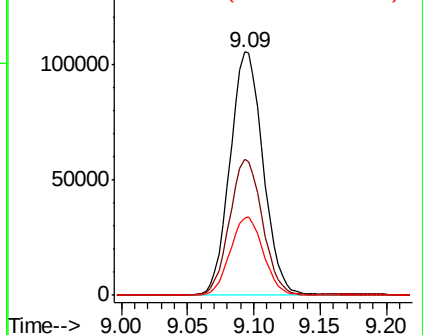
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU026686.D
Acq: 11 Sep 2018 18:11

Instrument :
MSVOA_U
ClientSampleId :
EP1-Q2-H5ME

Tgt Ion:117 Resp: 182650
Ion Ratio Lower Upper
117 100
82 55.5 44.1 66.1
119 31.9 25.7 38.5

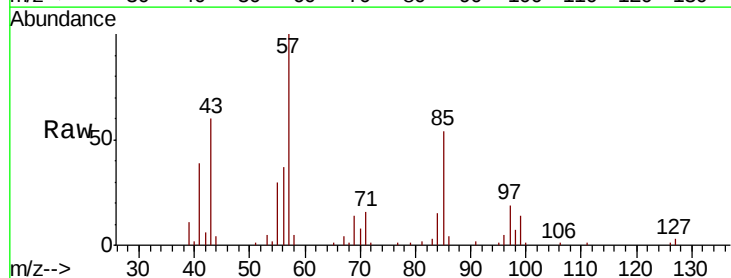


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

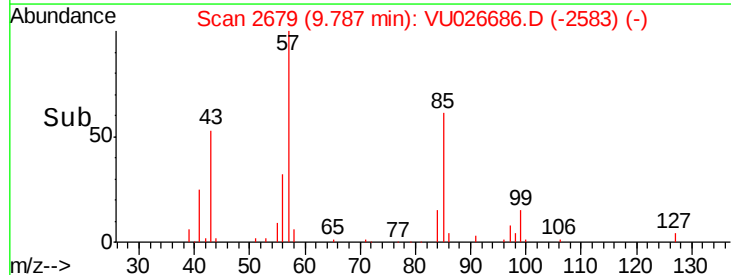
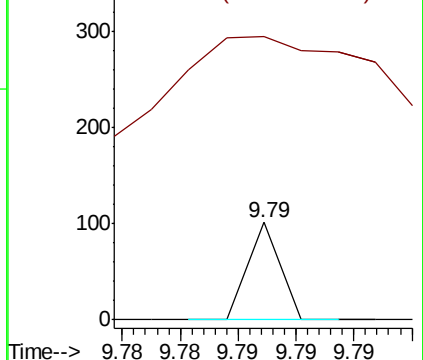


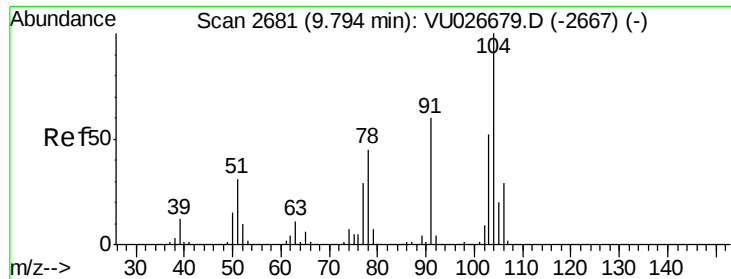
#69
o-Xylene
Concen: 1.239 ug/l
RT: 9.79 min Scan# 2679
Delta R.T. 0.01 min
Lab File: VU026686.D
Acq: 11 Sep 2018 18:11

Tgt Ion:106 Resp: 19
Ion Ratio Lower Upper
106 100
91 1384.2 106.9 320.8#



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





#70

Styrene

Concen: 1.926 ug/l

RT: 9.81 min Scan# 2687

Delta R.T. 0.02 min

Lab File: VU026686.D

Acq: 11 Sep 2018 18:11

Instrument :

MSVOA_U

ClientSampleId :

EP1-Q2-H5ME

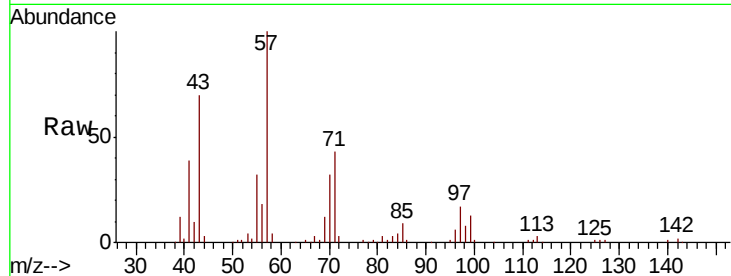
Tgt Ion:104 Resp: 353

Ion Ratio Lower Upper

104 100

78 71.4 39.4 59.2#

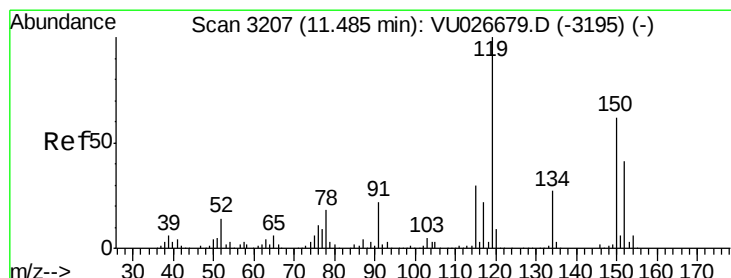
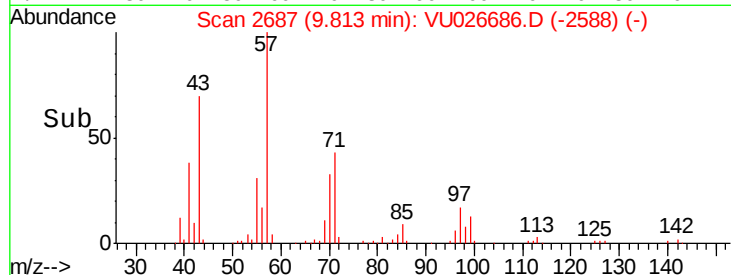
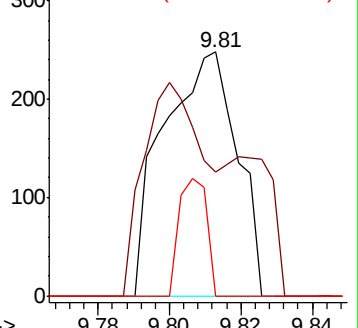
103 18.1 44.5 66.7#



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# 3208

Delta R.T. 0.00 min

Lab File: VU026686.D

Acq: 11 Sep 2018 18:11

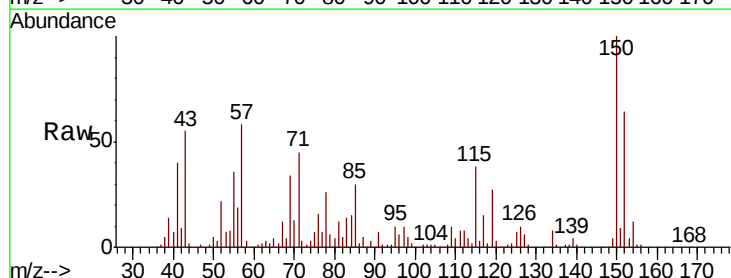
Tgt Ion:152 Resp: 121345

Ion Ratio Lower Upper

152 100

115 58.5 40.4 121.1

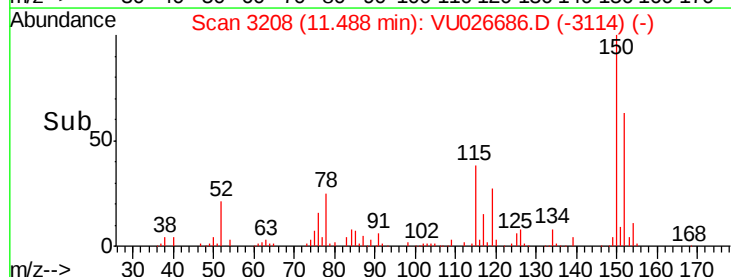
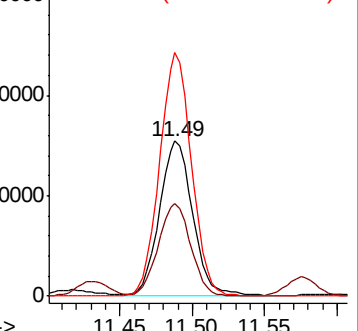
150 151.6 0.0 345.2

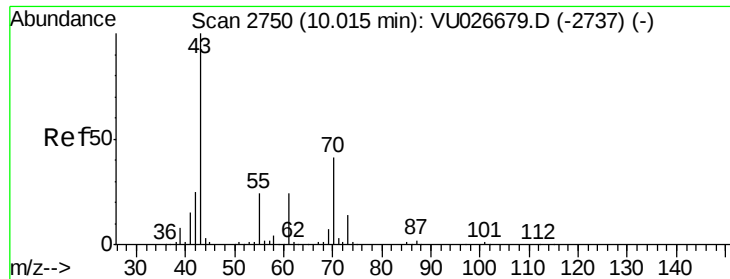


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-ethyl acetate

Concen: 6.523 ug/l

RT: 10.01 min Scan# 2749

Delta R.T. -0.00 min

Lab File: VU026686.D

Acq: 11 Sep 2018 18:11

Instrument :

MSVOA_U

ClientSampleId :

EP1-Q2-H5ME

Tgt Ion: 43 Resp: 25465

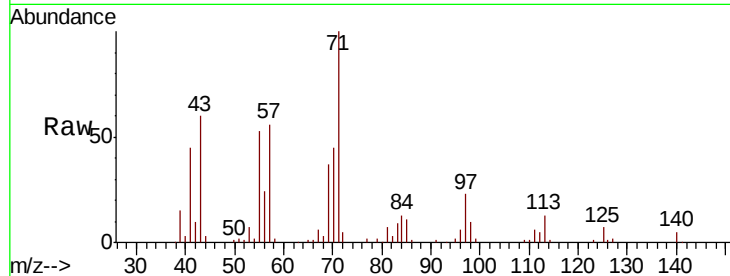
Ion Ratio Lower Upper

43 100

70 89.6 32.6 48.8#

55 0.0 19.1 28.7#

61 0.0 19.4 29.0#

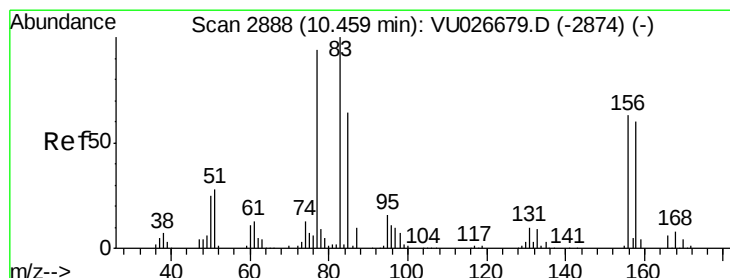
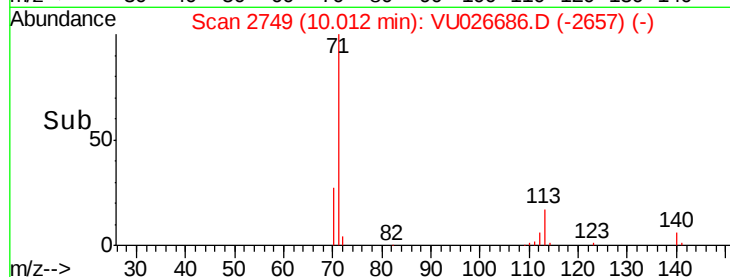
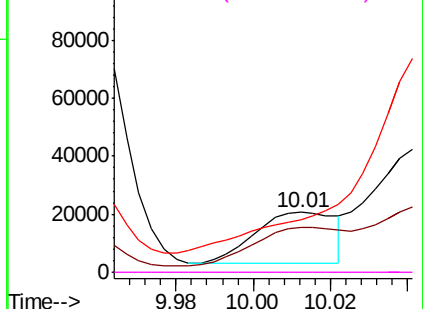


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0



#75

1,1,2,2-Tetrachloroethane

Concen: 22.703 ug/l

RT: 10.49 min Scan# 2898

Delta R.T. 0.03 min

Lab File: VU026686.D

Acq: 11 Sep 2018 18:11

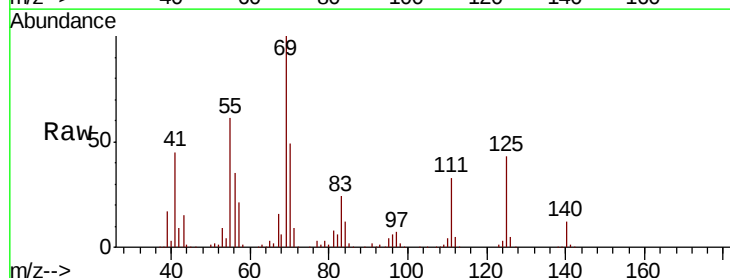
Tgt Ion: 83 Resp: 76508

Ion Ratio Lower Upper

83 100

131 0.0 4.9 14.6#

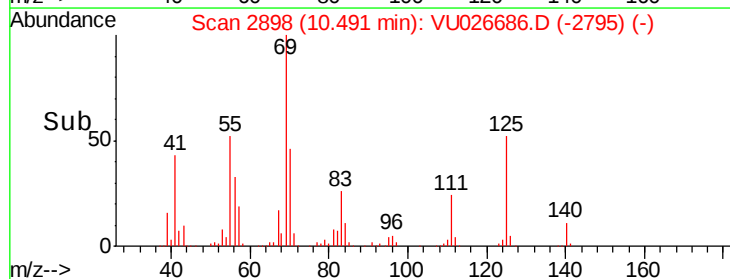
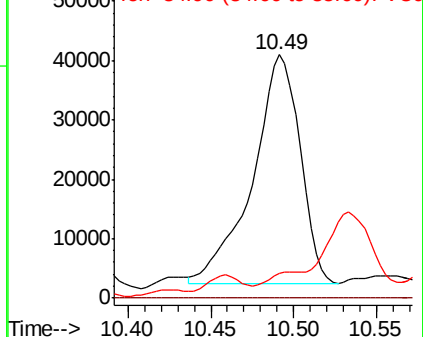
85 6.6 32.3 96.9#

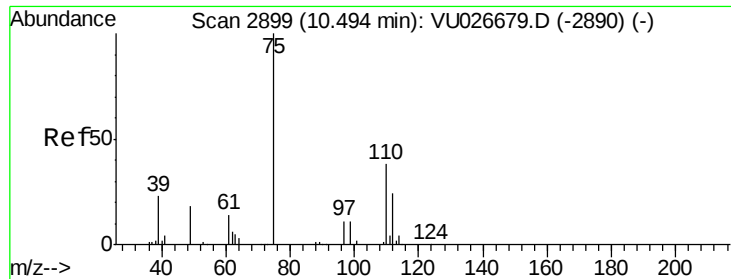


Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VU0





#76

1,2,3-Trichloropropane

Concen: 20.648 ug/l

RT: 10.31 min Scan# 2843

Delta R.T. -0.18 min

Lab File: VU026686.D

Acq: 11 Sep 2018 18:11

Instrument :

MSVOA_U

ClientSampleId :

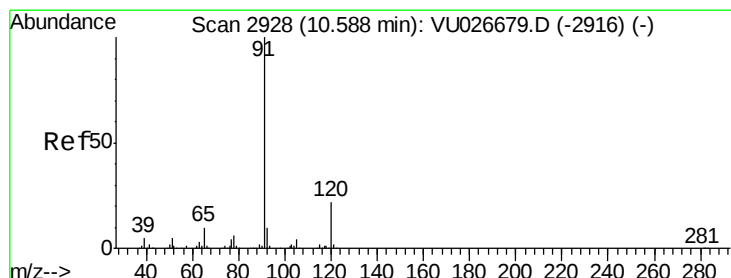
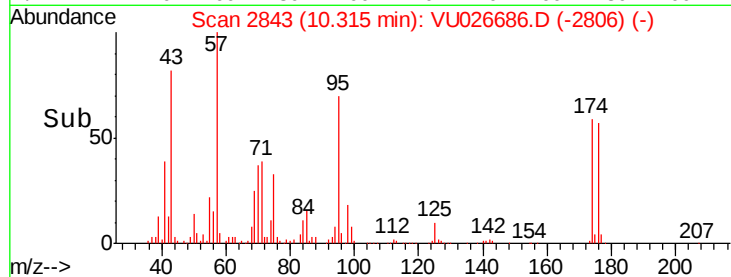
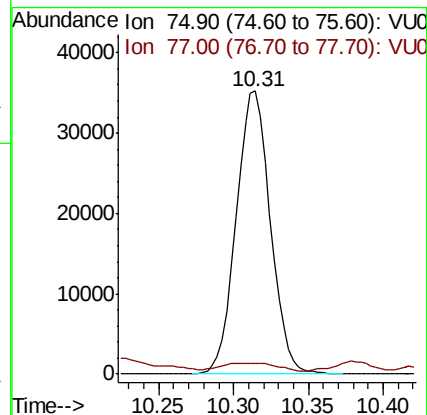
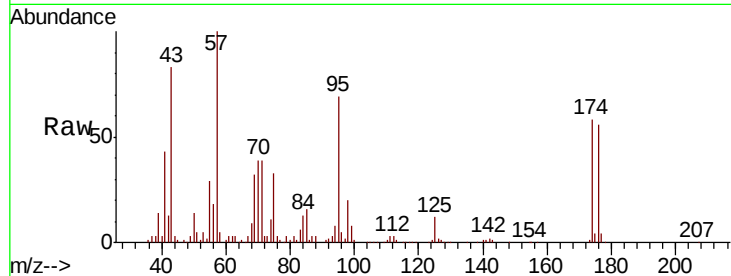
EP1-Q2-H5ME

Tgt Ion: 75 Resp: 56124

Ion Ratio Lower Upper

75 100

77 4.7 21.1 63.1#



#78

n-propylbenzene

Concen: 0.214 ug/l

RT: 10.59 min Scan# 2930

Delta R.T. 0.01 min

Lab File: VU026686.D

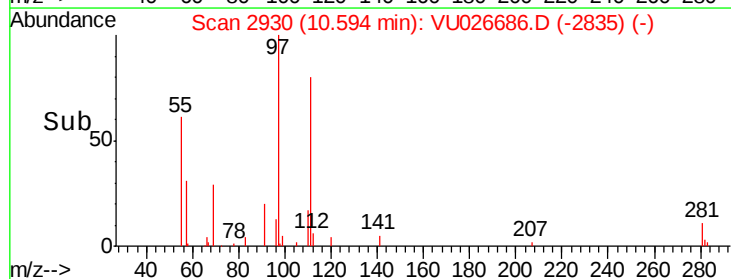
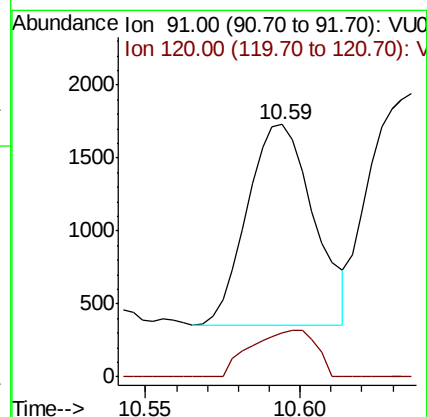
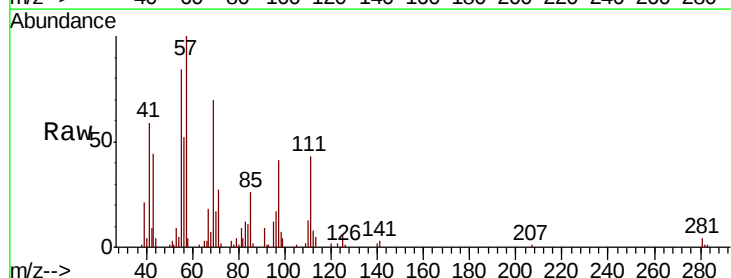
Acq: 11 Sep 2018 18:11

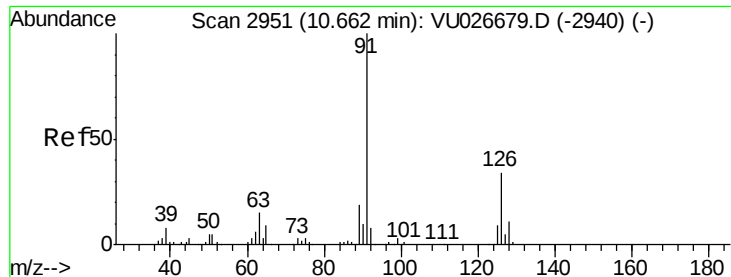
Tgt Ion: 91 Resp: 2056

Ion Ratio Lower Upper

91 100

120 0.0 11.4 34.1#





#79

2-Chlorotoluene

Concen: 1.062 ug/l

RT: 10.71 min Scan# 2965

Delta R.T. 0.05 min

Lab File: VU026686.D

Acq: 11 Sep 2018 18:11

Instrument :

MSVOA_U

ClientSampleId :

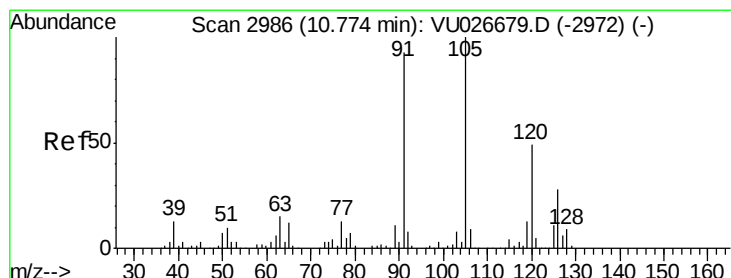
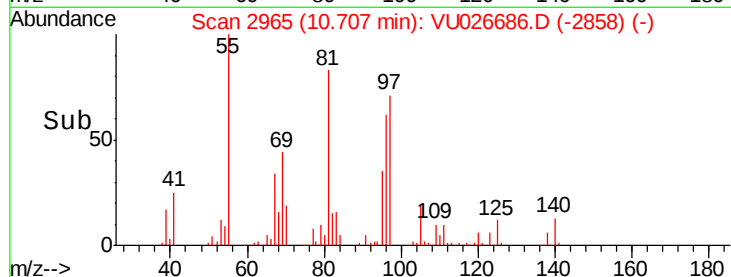
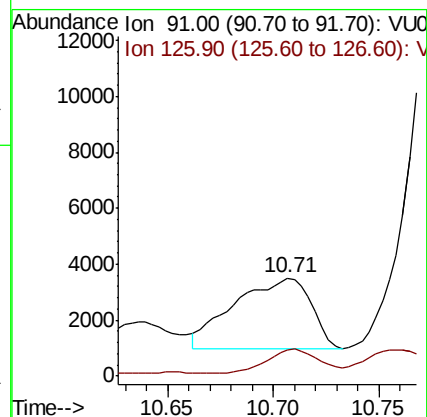
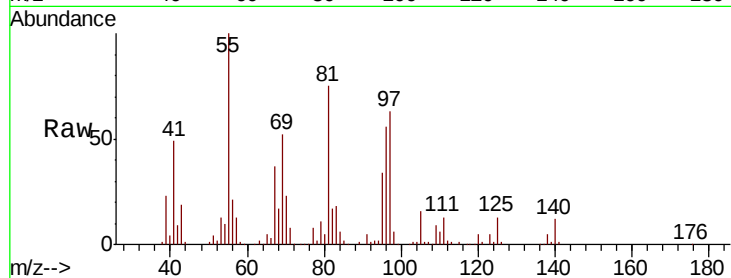
EP1-Q2-H5ME

Tgt Ion: 91 Resp: 6330

Ion Ratio Lower Upper

91 100

126 21.8 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 25.532 ug/l

RT: 10.78 min Scan# 2987

Delta R.T. 0.00 min

Lab File: VU026686.D

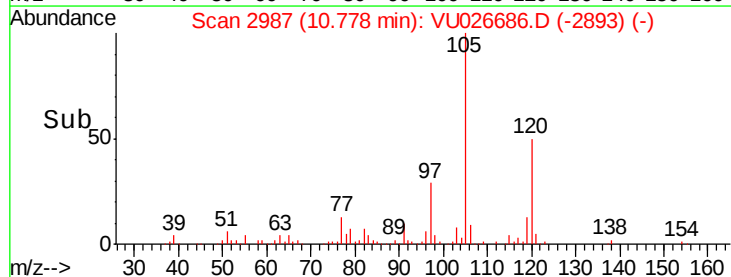
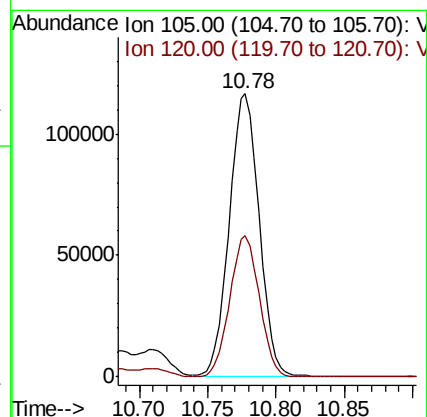
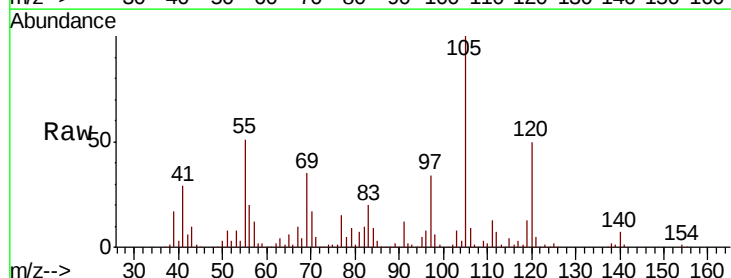
Acq: 11 Sep 2018 18:11

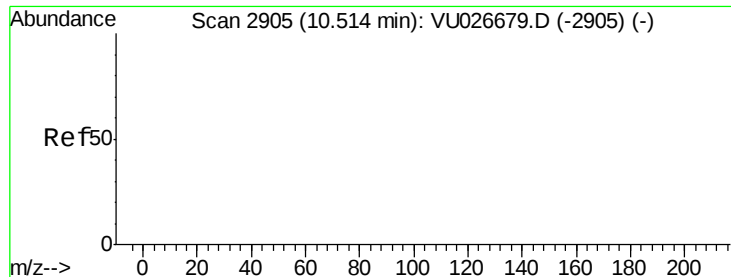
Tgt Ion: 105 Resp: 177456

Ion Ratio Lower Upper

105 100

120 49.6 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 63.635 ug/l

RT: 10.31 min Scan# 2843

Delta R.T. -0.20 min

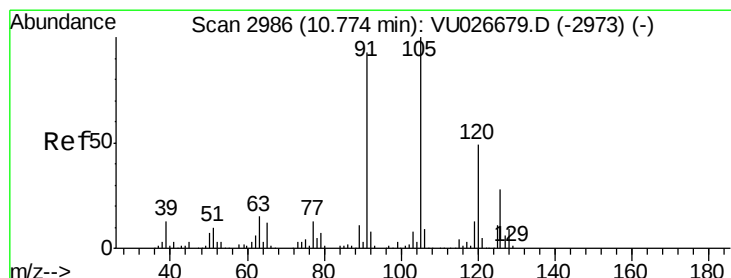
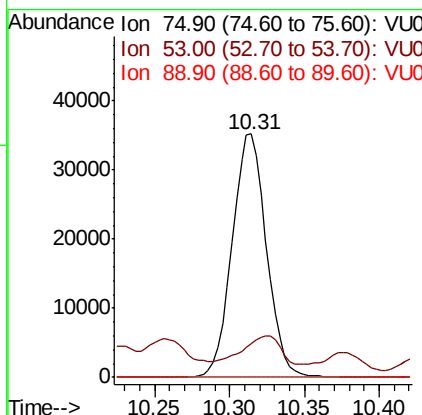
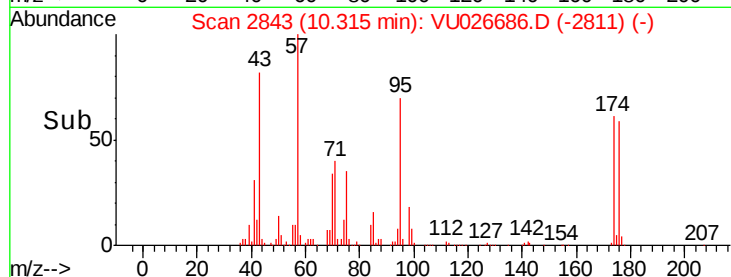
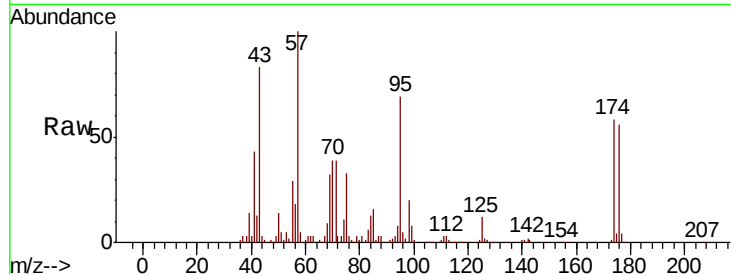
Lab File: VU026686.D

Acq: 11 Sep 2018 18:11

Instrument :
MSVOA_U
ClientSampleId :
EP1-Q2-H5ME

Tgt Ion: 75 Resp: 56124

Ion	Ratio	Lower	Upper
75	100		
53	12.5	0.0	0.0#
89	0.0	0.0	0.0



#82

4-Chlorotoluene

Concen: 0.945 ug/l

RT: 10.71 min Scan# 2965

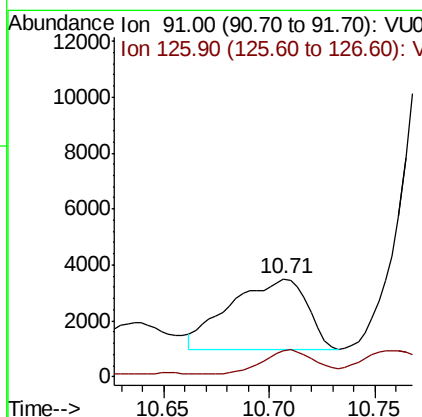
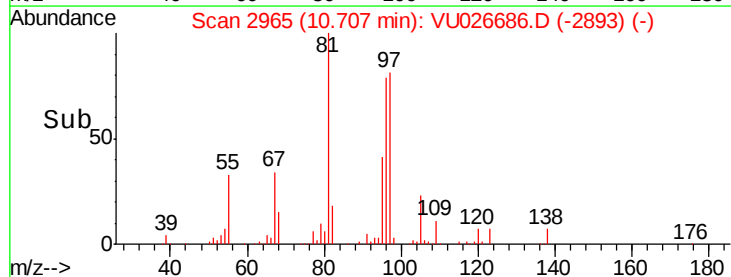
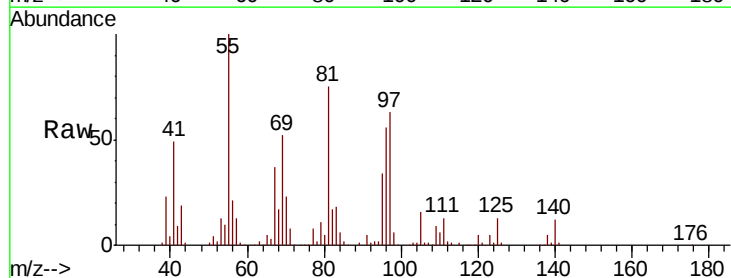
Delta R.T. -0.07 min

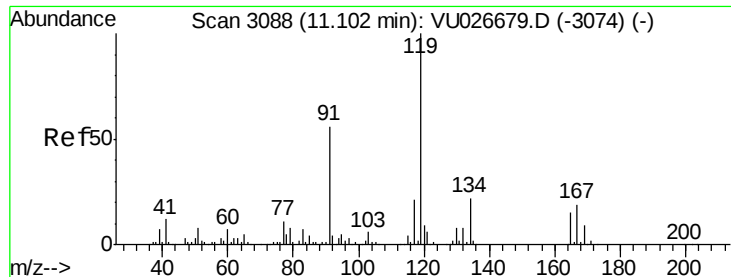
Lab File: VU026686.D

Acq: 11 Sep 2018 18:11

Tgt Ion: 91 Resp: 6330

Ion	Ratio	Lower	Upper
91	100		
126	22.6	15.2	45.5

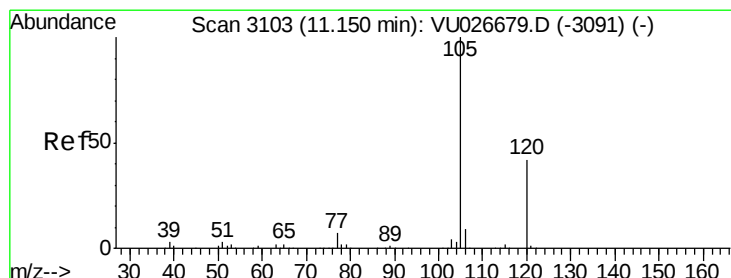
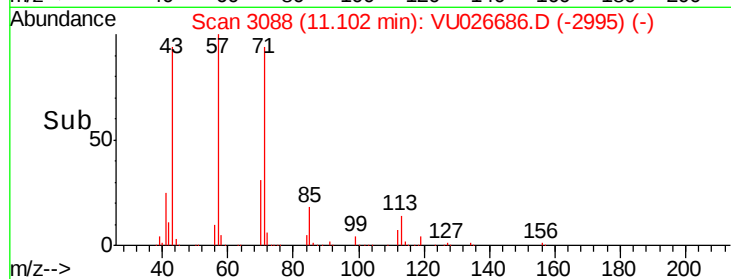
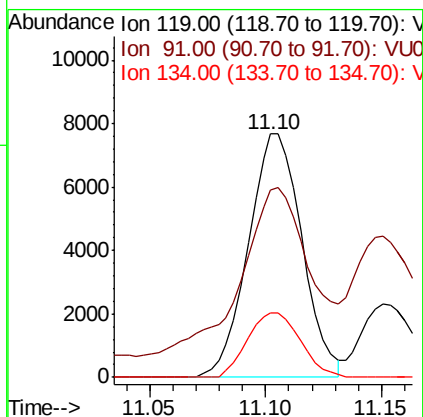
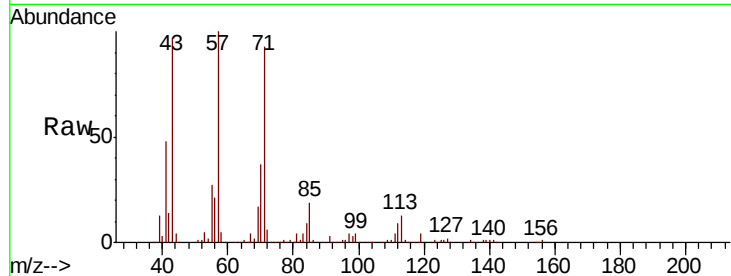




#83
 tert-Butylbenzene
 Concen: 1.752 ug/l
 RT: 11.10 min Scan# 3088
 Delta R.T. 0.00 min
 Lab File: VU026686.D
 Acq: 11 Sep 2018 18:11

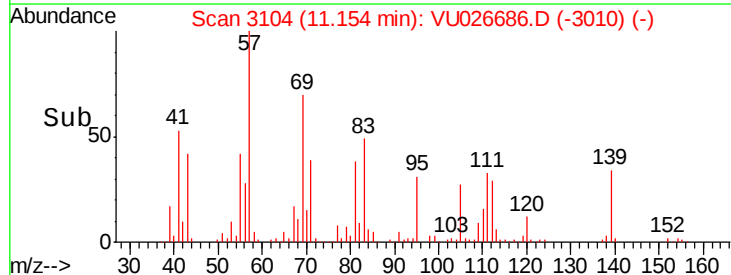
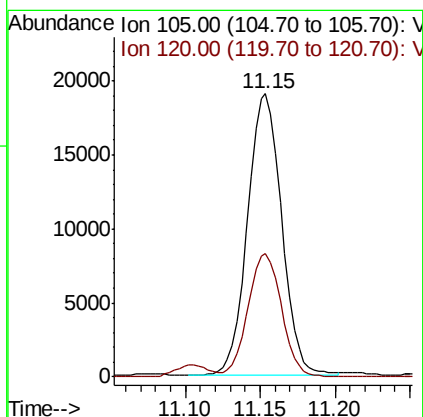
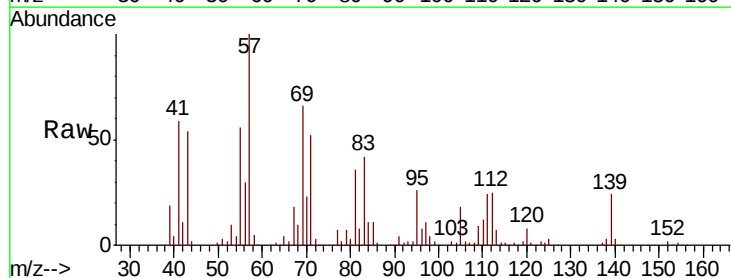
Instrument :
 MSVOA_U
 ClientSampleId :
 EP1-Q2-H5ME

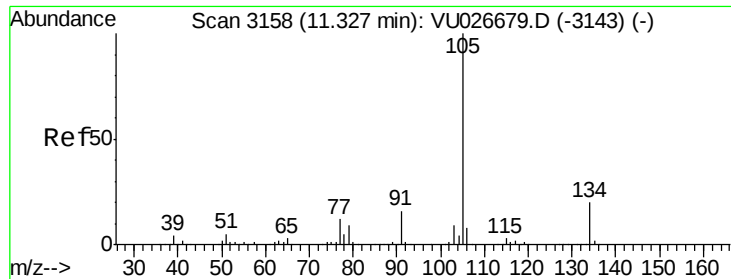
Tgt Ion:119 Resp: 12355
 Ion Ratio Lower Upper
 119 100
 91 87.5 28.3 85.0#
 134 25.9 11.2 33.5



#84
 1,2,4-Trimethylbenzene
 Concen: 4.311 ug/l
 RT: 11.15 min Scan# 3104
 Delta R.T. 0.00 min
 Lab File: VU026686.D
 Acq: 11 Sep 2018 18:11

Tgt Ion:105 Resp: 30220
 Ion Ratio Lower Upper
 105 100
 120 43.1 23.3 69.8

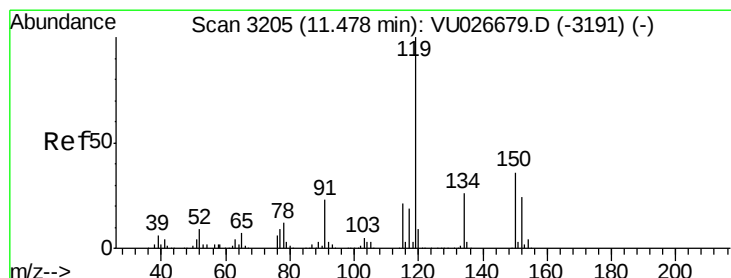
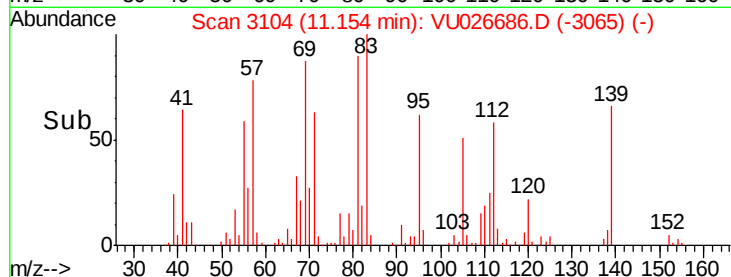
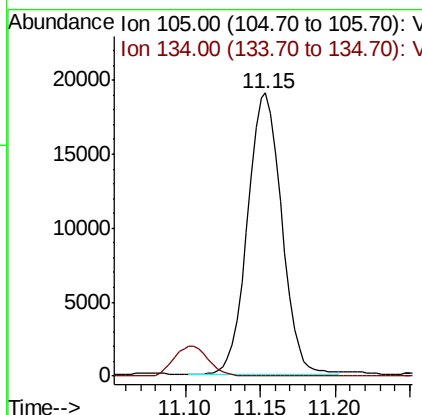
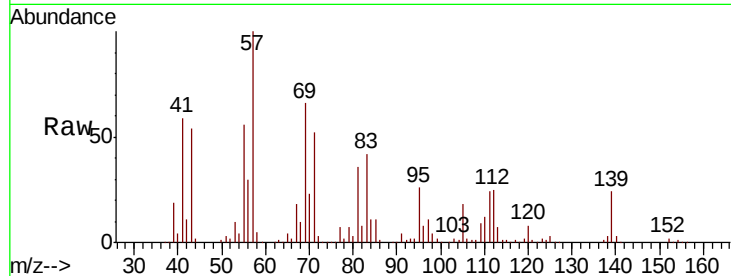




#85
 sec-Butylbenzene
 Concen: 3.608 ug/l
 RT: 11.15 min Scan# 3104
 Delta R.T. -0.17 min
 Lab File: VU026686.D
 Acq: 11 Sep 2018 18:11

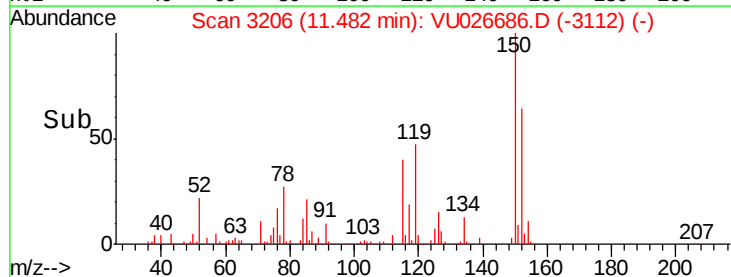
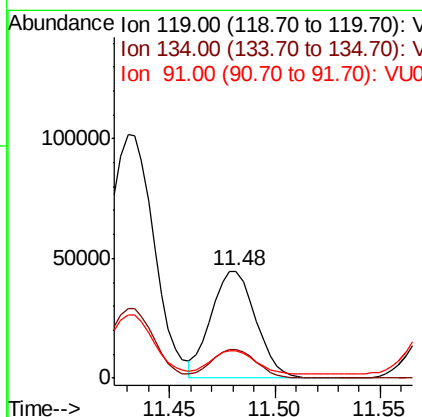
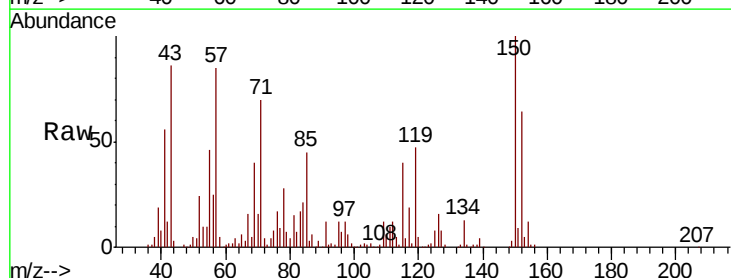
Instrument :
 MSVOA_U
 ClientSampleId :
 EP1-Q2-H5ME

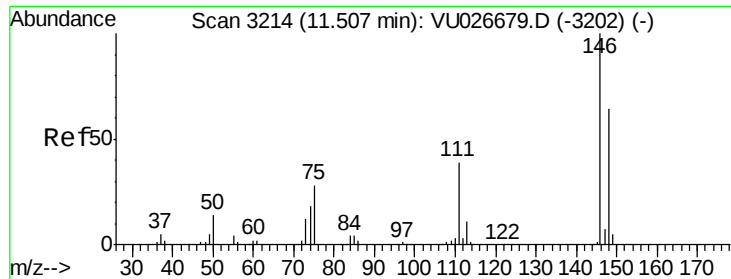
Tgt Ion:105 Resp: 30220
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.1 30.1#



#86
 p-Isopropyltoluene
 Concen: 9.070 ug/l
 RT: 11.48 min Scan# 3206
 Delta R.T. 0.00 min
 Lab File: VU026686.D
 Acq: 11 Sep 2018 18:11

Tgt Ion:119 Resp: 65987
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.2 39.5
 91 21.9 11.6 34.8

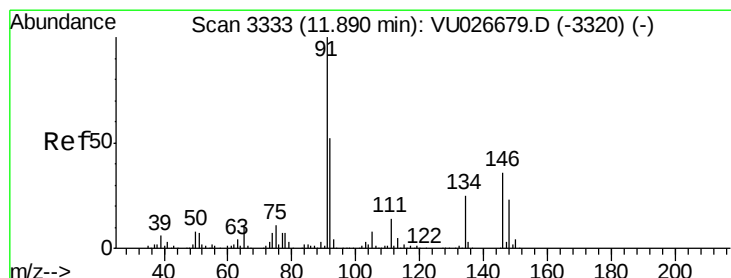
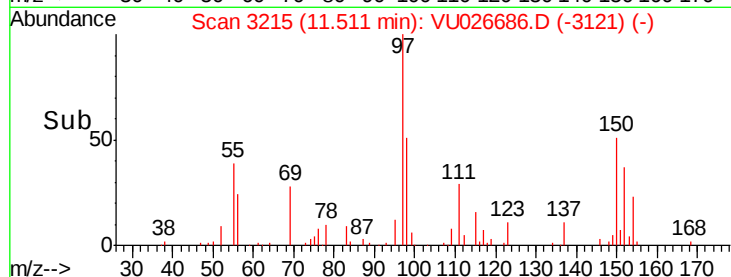
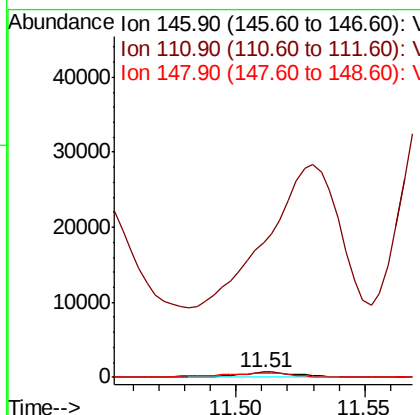
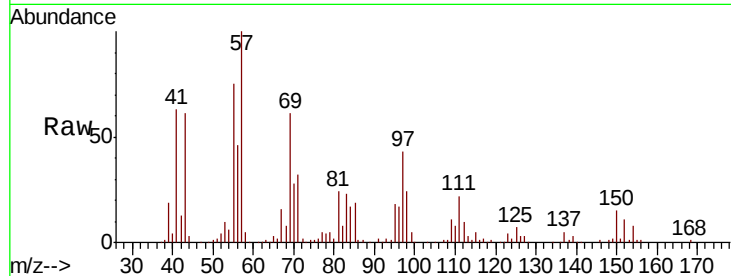




#88
 1,4-Dichlorobenzene
 Concen: 0.241 ug/l
 RT: 11.51 min Scan# 3215
 Delta R.T. 0.00 min
 Lab File: VU026686.D
 Acq: 11 Sep 2018 18:11

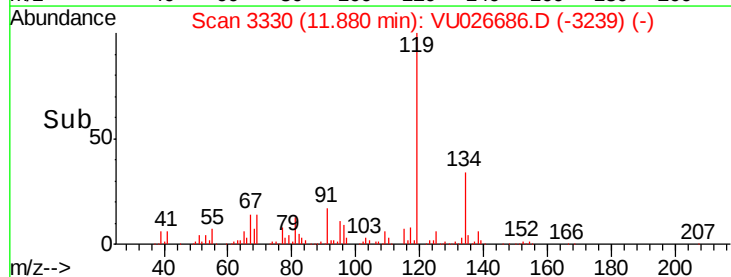
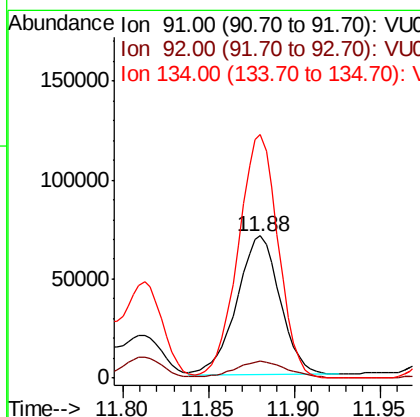
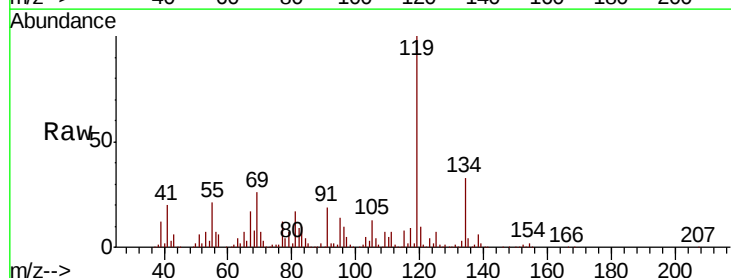
Instrument :
 MSVOA_U
 ClientSampleId :
 EP1-Q2-H5ME

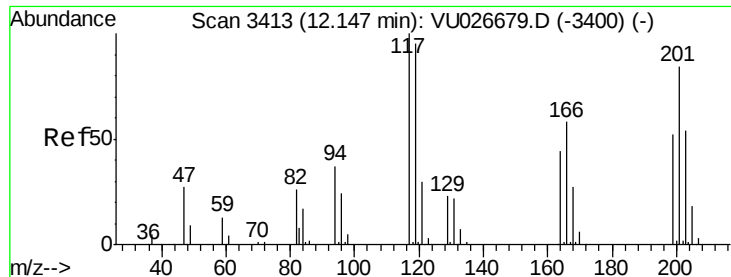
Tgt Ion:146 Resp: 1049
 Ion Ratio Lower Upper
 146 100
 111 3397.2 19.2 57.6#
 148 109.3 32.1 96.3#



#89
 n-Butylbenzene
 Concen: 17.997 ug/l
 RT: 11.88 min Scan# 3330
 Delta R.T. -0.01 min
 Lab File: VU026686.D
 Acq: 11 Sep 2018 18:11

Tgt Ion: 91 Resp: 122553
 Ion Ratio Lower Upper
 91 100
 92 13.5 25.8 77.3#
 134 162.1 12.6 37.8#





#90

Hexachloroethane

Concen: 10.590 ug/l

RT: 12.15 min Scan# 3414

Delta R.T. 0.00 min

Lab File: VU026686.D

Acq: 11 Sep 2018 18:11

Instrument :

MSVOA_U

ClientSampleId :

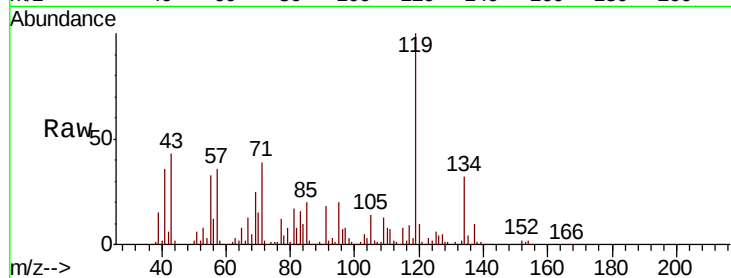
EP1-Q2-H5ME

Tgt Ion:117 Resp: 15653

Ion Ratio Lower Upper

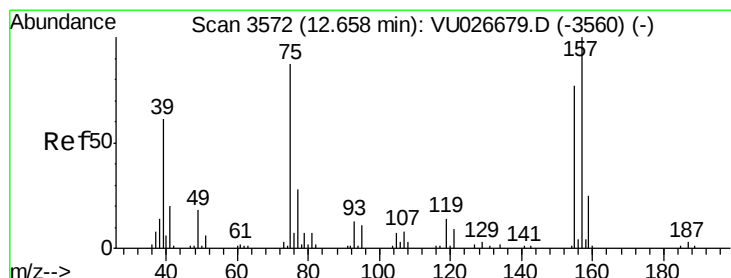
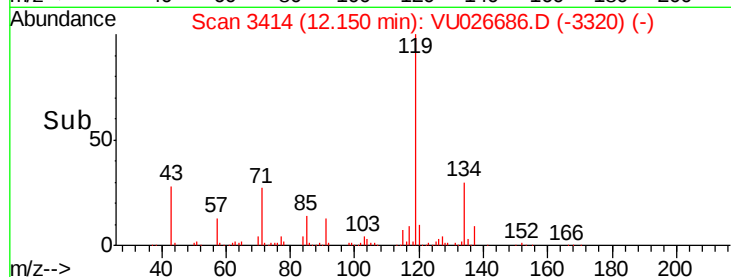
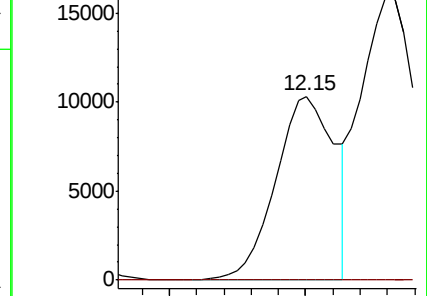
117 100

201 0.0 42.4 127.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 3.009 ug/l

RT: 12.65 min Scan# 3570

Delta R.T. -0.01 min

Lab File: VU026686.D

Acq: 11 Sep 2018 18:11

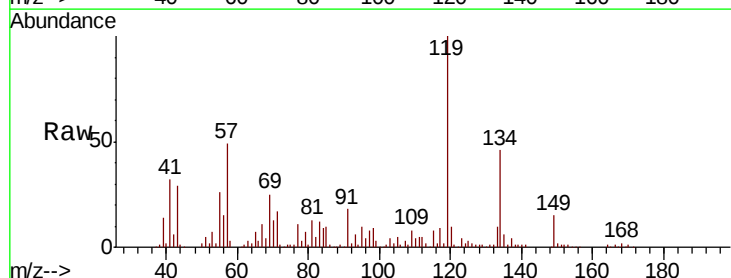
Tgt Ion: 75 Resp: 2033

Ion Ratio Lower Upper

75 100

155 0.0 44.1 132.4#

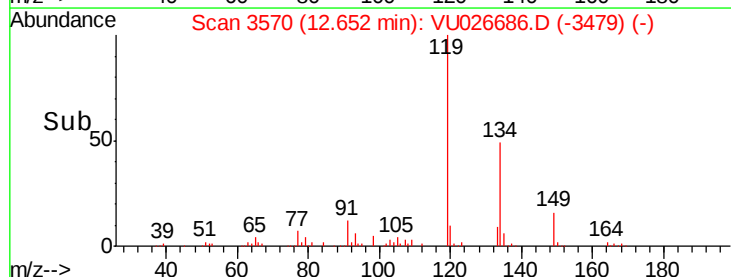
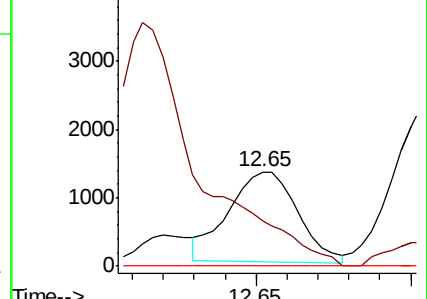
157 0.0 57.2 171.6#

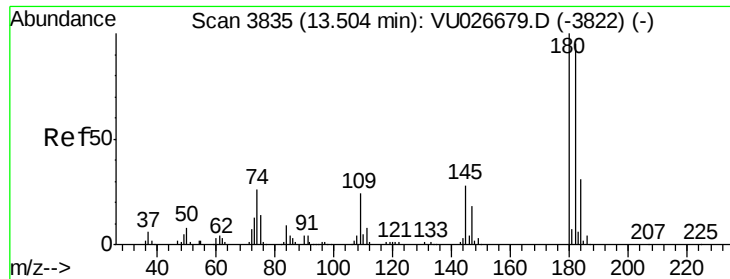


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

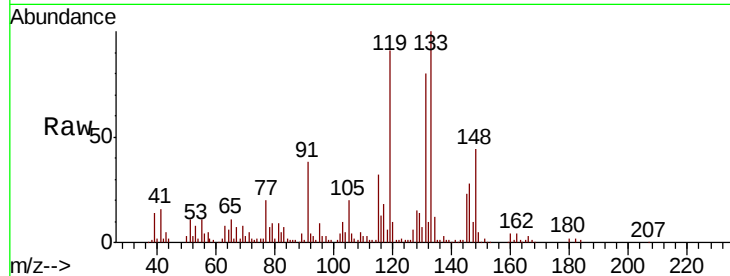




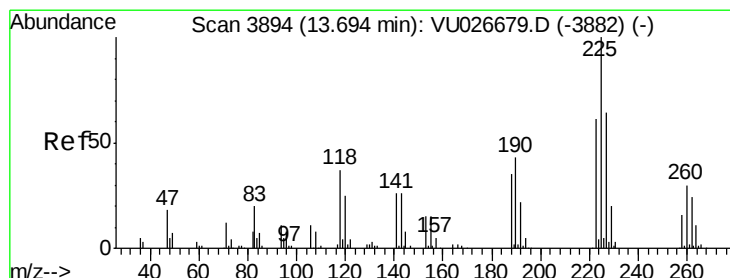
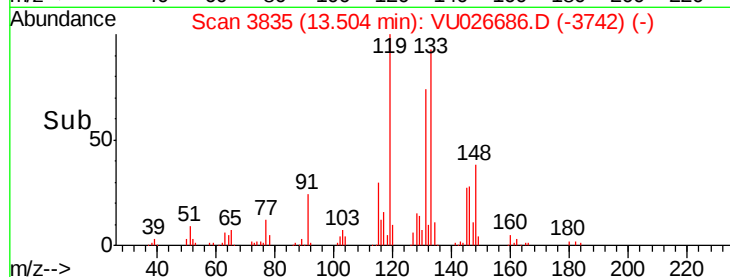
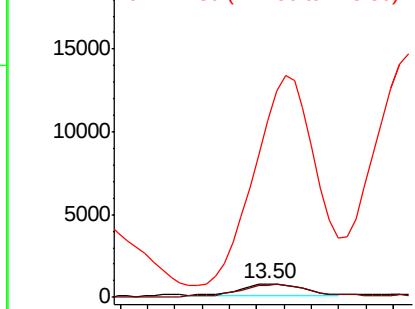
#93
 1,2,4-Trichlorobenzene
 Concen: 0.367 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. 0.00 min
 Lab File: VU026686.D
 Acq: 11 Sep 2018 18:11

Instrument :
 MSVOA_U
 ClientSampleId :
 EP1-Q2-H5ME

Tgt Ion:180 Resp: 1029
 Ion Ratio Lower Upper
 180 100
 182 147.6 47.9 143.7#
 145 2013.9 14.0 42.0#

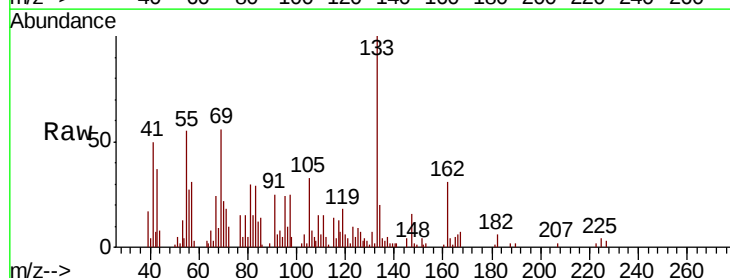


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

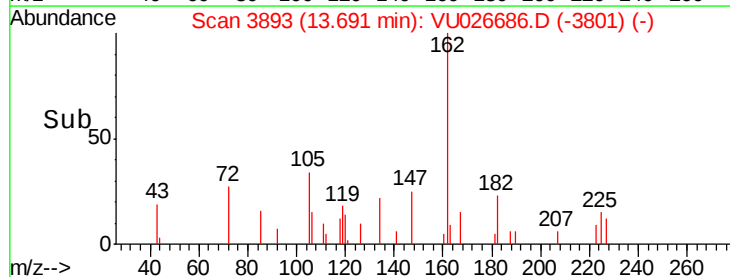
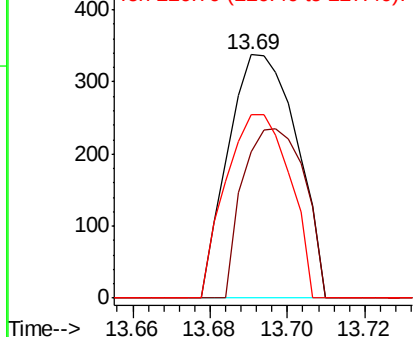


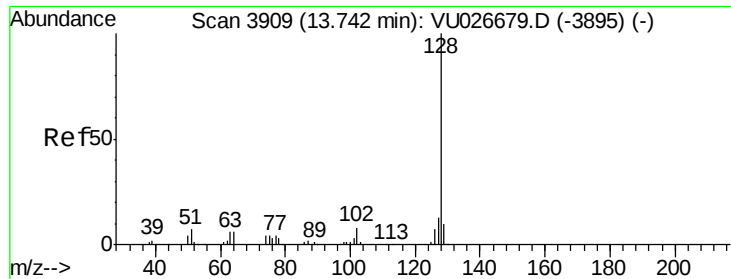
#94
 Hexachlorobutadiene
 Concen: 0.289 ug/l
 RT: 13.69 min Scan# 3893
 Delta R.T. -0.00 min
 Lab File: VU026686.D
 Acq: 11 Sep 2018 18:11

Tgt Ion:225 Resp: 417
 Ion Ratio Lower Upper
 225 100
 223 62.6 30.6 92.0
 227 70.3 32.1 96.3



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

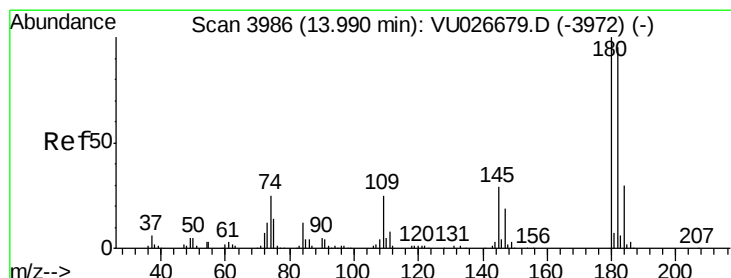
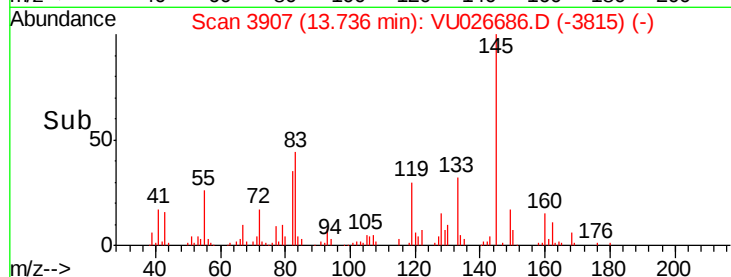
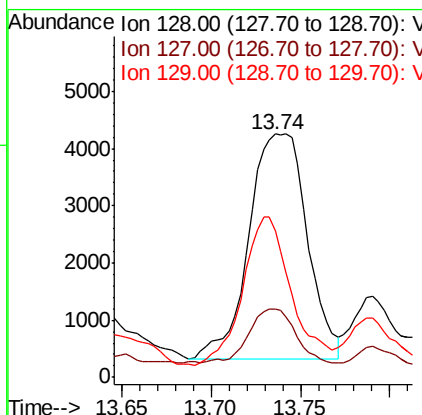
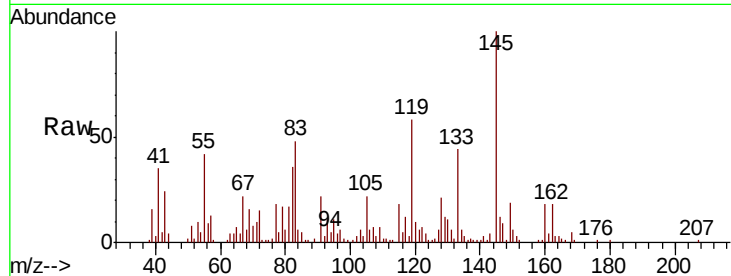




#95
Naphthalene
Concen: 1.951 ug/l
RT: 13.74 min Scan# 3907
Delta R.T. -0.01 min
Lab File: VU026686.D
Acq: 11 Sep 2018 18:11

Instrument :
MSVOA_U
ClientSampleId :
EP1-Q2-H5ME

Tgt Ion:128 Resp: 8997
Ion Ratio Lower Upper
128 100
127 18.8 10.4 15.6#
129 54.3 8.6 12.8#



#96
1,2,3-Trichlorobenzene
Concen: 0.210 ug/l
RT: 13.99 min Scan# 3986
Delta R.T. 0.00 min
Lab File: VU026686.D
Acq: 11 Sep 2018 18:11

Tgt Ion:180 Resp: 613
Ion Ratio Lower Upper
180 100
182 152.9 47.9 143.7#
145 0.0 14.9 44.9#

