

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091218\
 Data File : VU026688.D
 Acq On : 11 Sep 2018 18:58
 Operator : MD/SY
 Sample : J4803-12
 Misc : 5.41g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EP1-Q2-H7ME

Quant Time: Sep 12 05:40:02 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	118948	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	205076	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.10	117	214274	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	152762	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	95667	53.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.04%	
35) Dibromofluoromethane	4.88	113	82321	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	
50) Toluene-d8	7.57	98	305532	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	
62) 4-Bromofluorobenzene	10.31	95	205474	91.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	183.26%	

Target Compounds						Qvalue
3) Chloromethane	1.32	50	499	0.278	ug/l #	84
5) Bromomethane	1.60	94	819	0.703	ug/l	82
10) Methyl Iodide	2.37	142	563	9.686	ug/l #	74
11) Tert butyl alcohol	2.83	59	2207	5.018	ug/l #	73
16) Acetone	2.15	43	51999	50.900	ug/l #	43
18) Methyl Acetate	2.63	43	8001	3.630	ug/l	95
20) Methylene Chloride	2.68	84	585	0.353	ug/l #	84
31) Cyclohexane	4.98	56	2210	0.656	ug/l #	1
36) 1,1-Dichloropropene	4.98	75	8850	3.844	ug/l #	48
38) Carbon Tetrachloride	4.97	117	11148	4.583	ug/l #	15
41) Methacrylonitrile	4.68	41	40	0.771	ug/l #	24
48) Methyl methacrylate	6.41	41	94	1.875	ug/l #	14
51) 4-Methyl-2-Pentanone	7.52	43	750	0.266	ug/l #	36
53) t-1,3-Dichloropropene	7.81	75	947	0.346	ug/l #	43
55) 1,1,2-Trichloroethane	8.05	97	6194	3.394	ug/l #	18
56) Ethyl methacrylate	8.05	69	1453	3.297	ug/l #	1
59) 2-Hexanone	8.33	43	90772	40.901	ug/l #	29
60) Dibromochloromethane	8.33	129	512	0.259	ug/l #	20
64) Tetrachloroethene	8.23	164	482	0.283	ug/l #	86
65) Chlorobenzene	9.04	112	1917	0.360	ug/l #	43
67) Ethyl Benzene	9.38	91	59806	6.820	ug/l #	70
68) m/p-Xylenes	9.38	106	26433	7.924	ug/l	85
69) o-Xylene	9.78	106	1563	1.661	ug/l	86
70) Styrene	9.81	104	335	1.913	ug/l #	1
73) Isopropylbenzene	10.17	105	2085	0.200	ug/l #	72
74) N-amyl acetate	10.02	43	151843	30.896	ug/l #	29
75) 1,1,2,2-Tetrachloroethane	10.50	83	632367	149.056	ug/l #	31
76) 1,2,3-Trichloropropane	10.32	75	62999	18.410	ug/l #	59
78) n-propylbenzene	10.65	91	15912	1.314	ug/l #	53
79) 2-Chlorotoluene	10.65	91	15912	2.120	ug/l #	40
80) 1,3,5-Trimethylbenzene	10.78	105	2267464	259.139	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.69	75	13772	14.629	ug/l #	100
82) 4-Chlorotoluene	10.78	91	239795	28.437	ug/l #	44
83) tert-Butylbenzene	11.11	119	102490	11.542	ug/l	83

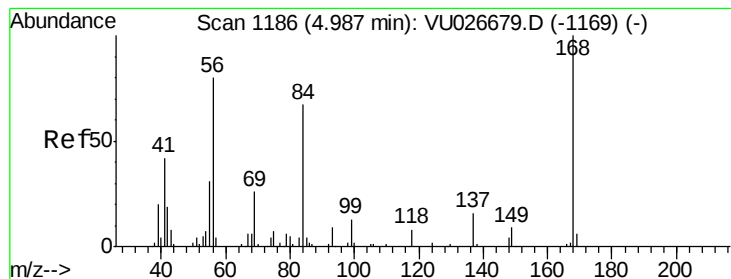
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091218\
 Data File : VU026688.D
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 Operator : MD/SY
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	11.16	105	3509450	397.655	ug/l	99
85) sec-Butylbenzene	11.16	105	3509600	332.813	ug/l #	56
86) p-Isopropyltoluene	11.49	119	771603	75.566	ug/l	99
89) n-Butylbenzene	11.88	91	769824	81.385	ug/l #	1
90) Hexachloroethane	12.15	117	140814	75.674	ug/l #	7
92) 1,2-Dibromo-3-Chloropropan	12.66	75	7973	9.374	ug/l #	1
95) Naphthalene	13.74	128	56973	5.721	ug/l #	73
96) 1,2,3-Trichlorobenzene	13.99	180	775	0.210	ug/l #	79

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1183

Delta R.T. -0.01 min

Lab File: VU026688.D

Acq: 11 Sep 2018 18:58

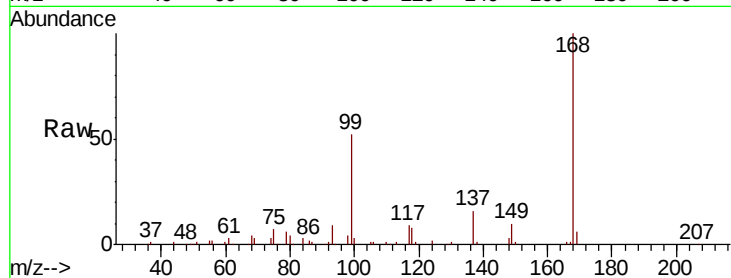
Instrument :
MSVOA_U
ClientSampleId :
EP1-Q2-H7ME

Tgt Ion:168 Resp: 118948

Ion Ratio Lower Upper

168 100

99 52.0 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

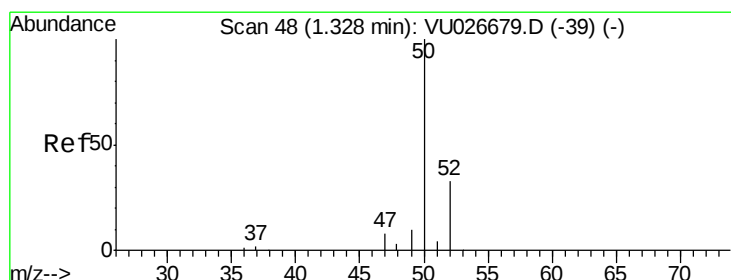
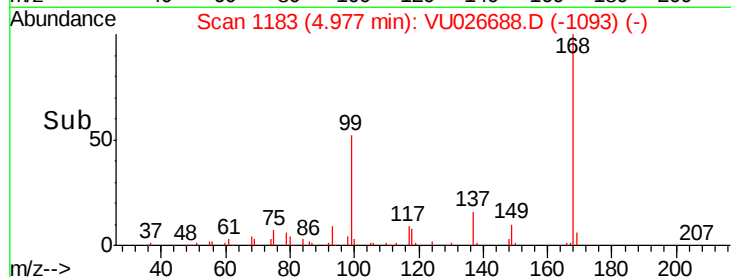
0

4.90

5.00

5.10

Time-->



#3

Chloromethane

Concen: 0.278 ug/l

RT: 1.32 min Scan# 46

Delta R.T. -0.01 min

Lab File: VU026688.D

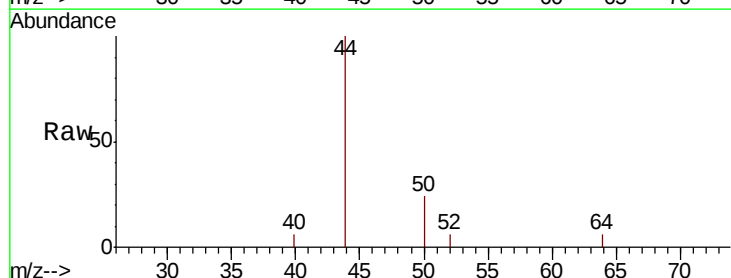
Acq: 11 Sep 2018 18:58

Tgt Ion: 50 Resp: 499

Ion Ratio Lower Upper

50 100

52 23.8 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

500

400

300

200

100

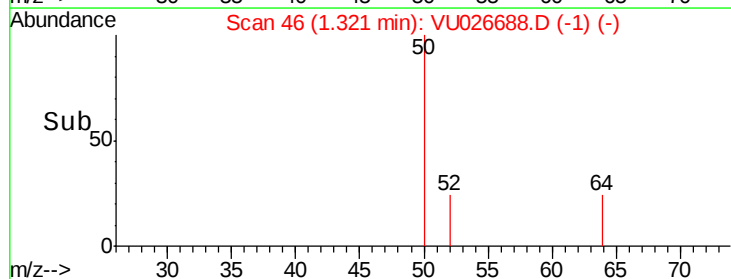
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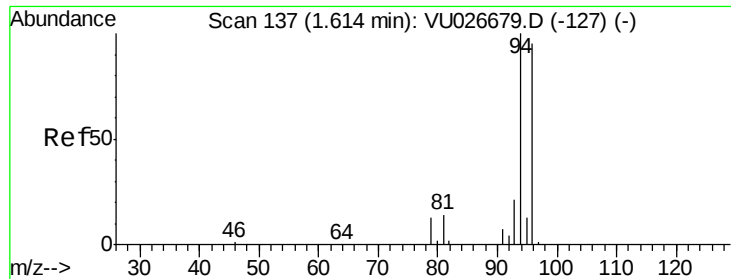
1.30

1.32

1.34

Time-->





#5

Bromomethane

Concen: 0.703 ug/l

RT: 1.60 min Scan# 132

Delta R.T. -0.02 min

Lab File: VU026688.D

Acq: 11 Sep 2018 18:58

Instrument :

MSVOA_U

ClientSampleId :

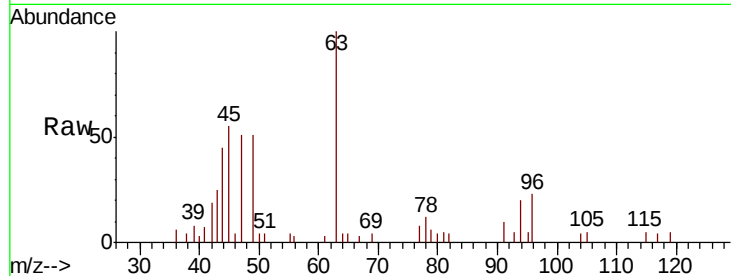
EP1-Q2-H7ME

Tgt Ion: 94 Resp: 819

Ion Ratio Lower Upper

94 100

96 112.5 75.8 113.6



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0

800

600

400

200

0

1.55

1.60

1.65

1.70

1.75

1.80

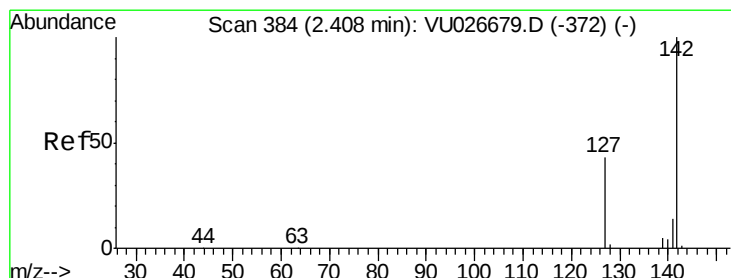
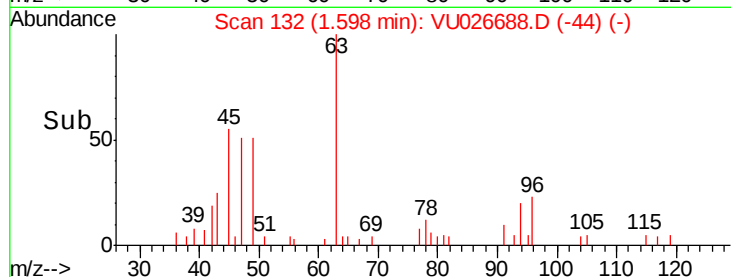
1.85

1.90

1.95

2.00

Time-->



#10

Methyl Iodide

Concen: 9.686 ug/l

RT: 2.37 min Scan# 373

Delta R.T. -0.04 min

Lab File: VU026688.D

Acq: 11 Sep 2018 18:58

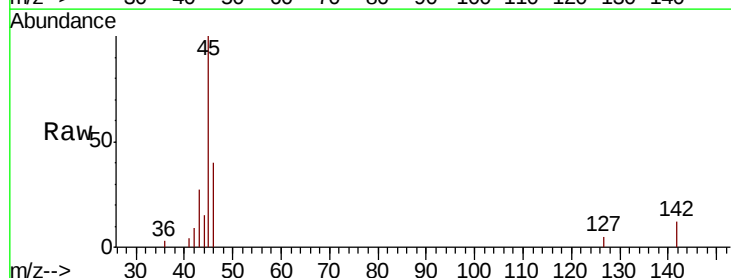
Tgt Ion: 142 Resp: 563

Ion Ratio Lower Upper

142 100

127 27.7 34.1 51.1#

141 0.0 11.2 16.8#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

500

400

300

200

100

0

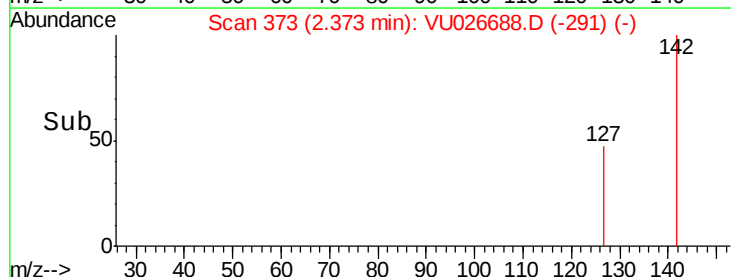
2.34

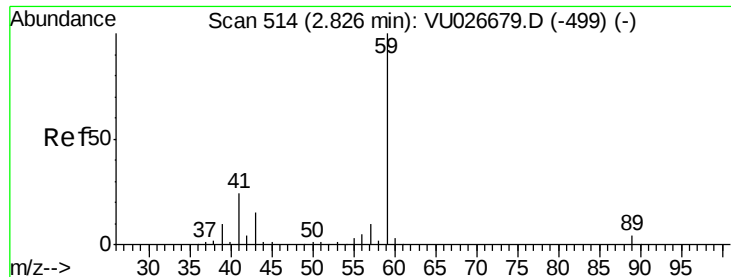
2.36

2.38

2.40

Time-->



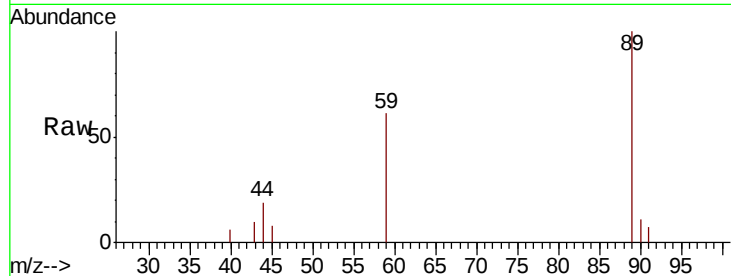


#11

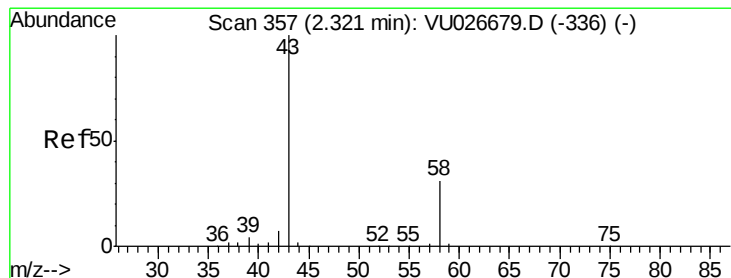
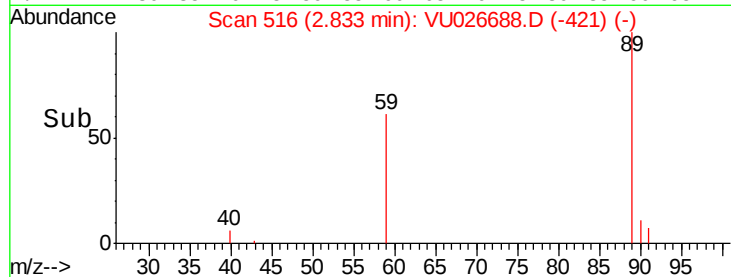
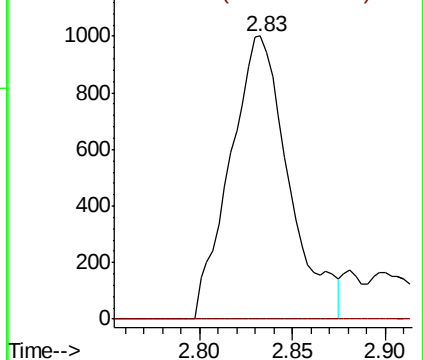
Tert butyl alcohol
 Concen: 5.018 ug/l
 RT: 2.83 min Scan# 516
 Delta R.T. 0.01 min
 Lab File: VU026688.D
 Acq: 11 Sep 2018 18:58

Instrument :
 MSVOA_U
 ClientSampleId :
 EP1-Q2-H7ME

Tgt Ion: 59 Resp: 2207
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.0 12.0#



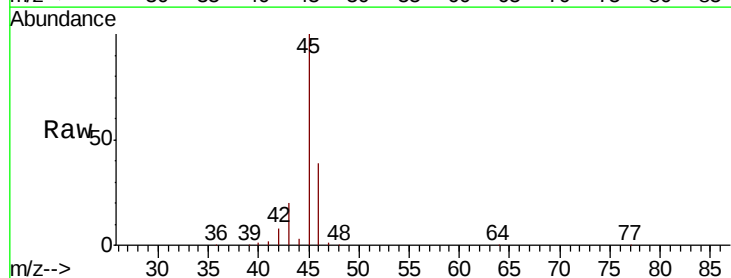
Abundance Ion 59.00 (58.70 to 59.70): VU0
 Ion 57.00 (56.70 to 57.70): VU0



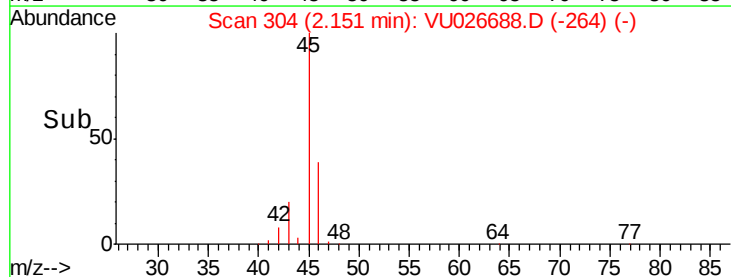
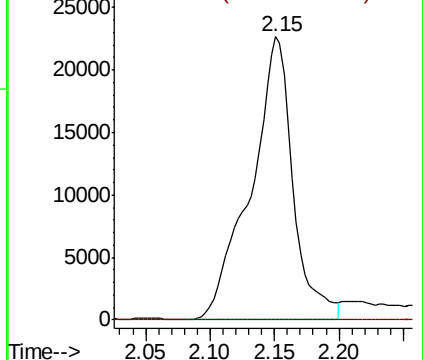
#16

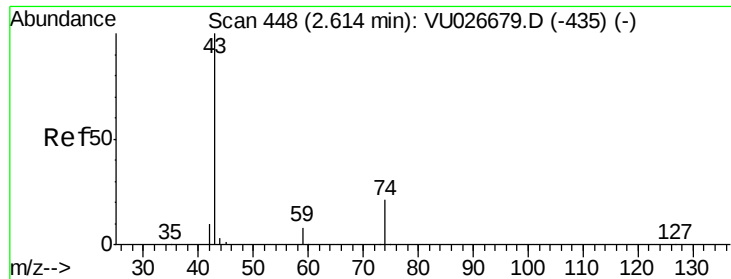
Acetone
 Concen: 50.900 ug/l
 RT: 2.15 min Scan# 304
 Delta R.T. -0.17 min
 Lab File: VU026688.D
 Acq: 11 Sep 2018 18:58

Tgt Ion: 43 Resp: 51999
 Ion Ratio Lower Upper
 43 100
 58 0.0 25.1 37.7#



Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 58.00 (57.70 to 58.70): VU0

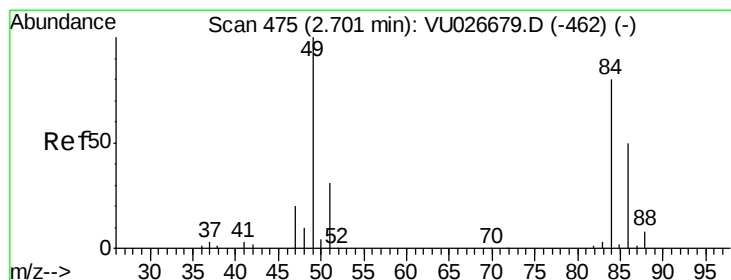
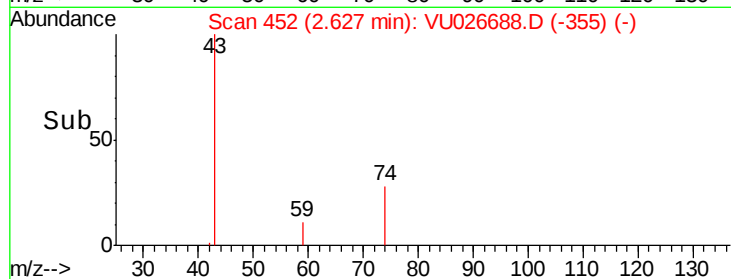
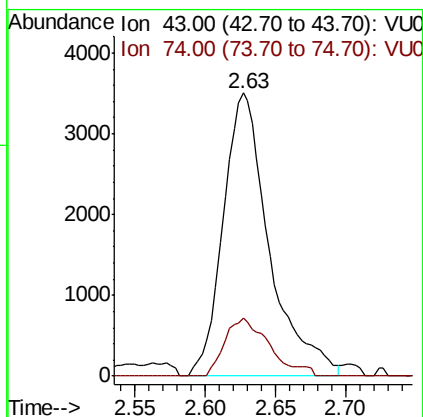
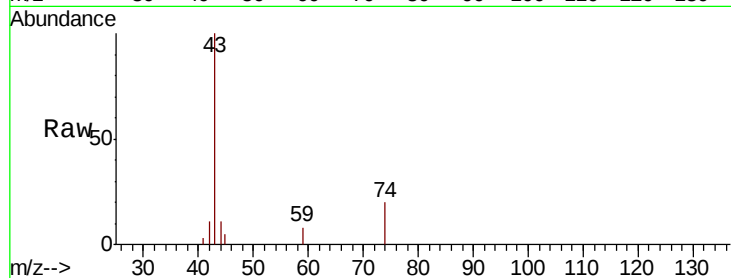




#18
Methyl Acetate
Concen: 3.630 ug/l
RT: 2.63 min Scan# 452
Delta R.T. 0.01 min
Lab File: VU026688.D
Acq: 11 Sep 2018 18:58

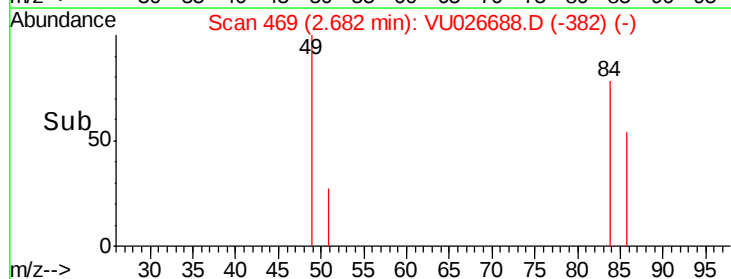
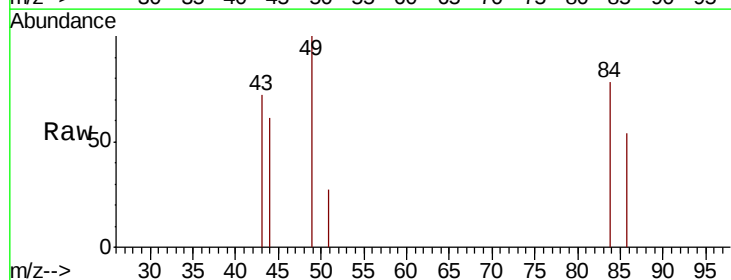
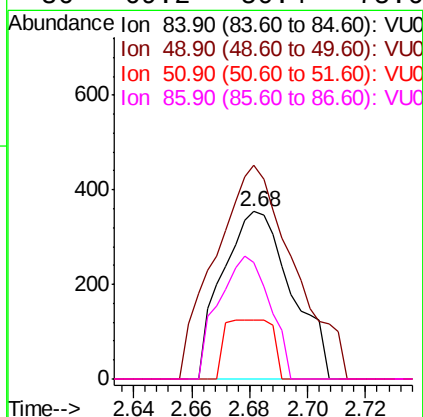
Instrument :
MSVOA_U
ClientSampleId :
EP1-Q2-H7ME

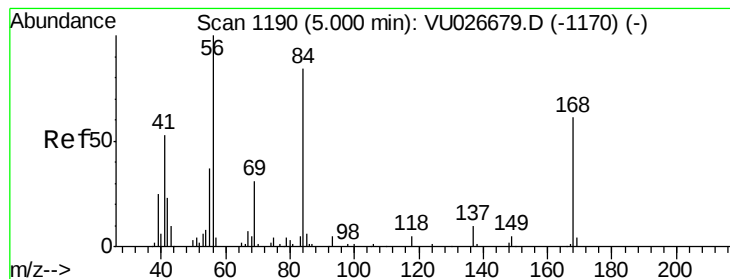
Tgt Ion: 43 Resp: 8001
Ion Ratio Lower Upper
43 100
74 19.8 17.7 26.5



#20
Methylene Chloride
Concen: 0.353 ug/l
RT: 2.68 min Scan# 469
Delta R.T. -0.02 min
Lab File: VU026688.D
Acq: 11 Sep 2018 18:58

Tgt Ion: 84 Resp: 585
Ion Ratio Lower Upper
84 100
49 99.4 100.6 151.0#
51 34.7 30.9 46.3
86 69.2 50.4 75.6





#31

Cyclohexane

Concen: 0.656 ug/l

RT: 4.98 min Scan# 1183

Delta R.T. -0.02 min

Lab File: VU026688.D

Acq: 11 Sep 2018 18:58

Instrument :

MSVOA_U

ClientSampleId :

EP1-Q2-H7ME

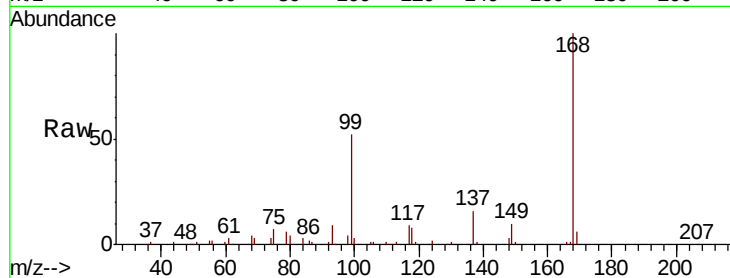
Tgt Ion: 56 Resp: 2210

Ion Ratio Lower Upper

56 100

69 169.3 24.9 37.3#

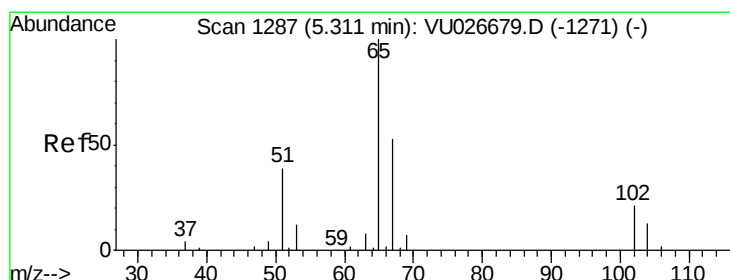
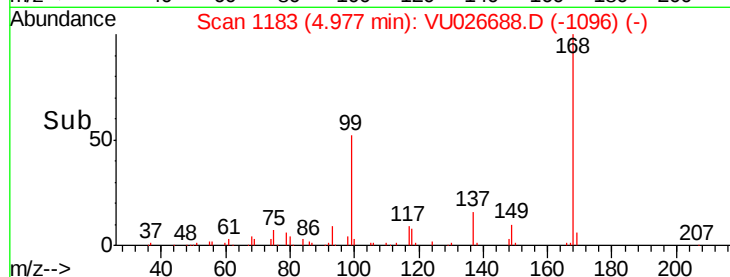
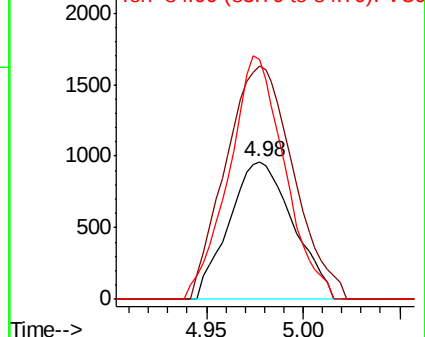
84 173.7 66.6 100.0#



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: 53.019 ug/l

RT: 5.31 min Scan# 1285

Delta R.T. -0.01 min

Lab File: VU026688.D

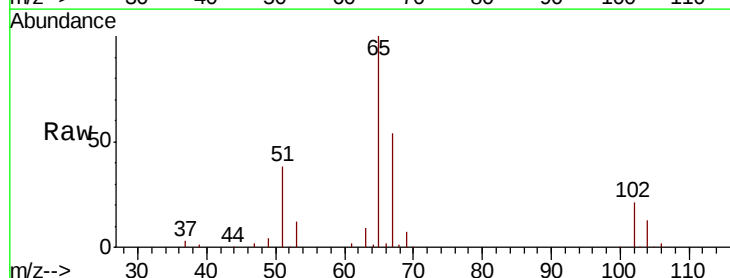
Acq: 11 Sep 2018 18:58

Tgt Ion: 65 Resp: 95667

Ion Ratio Lower Upper

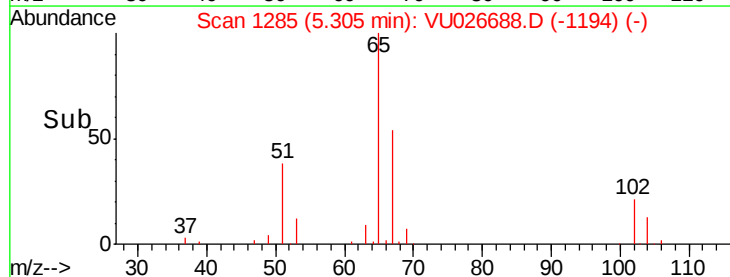
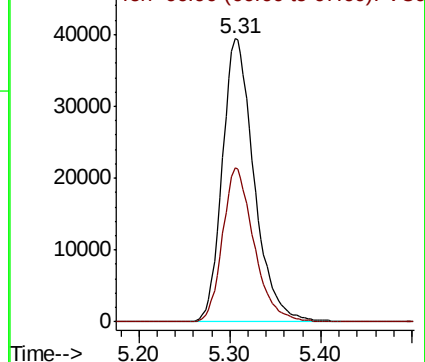
65 100

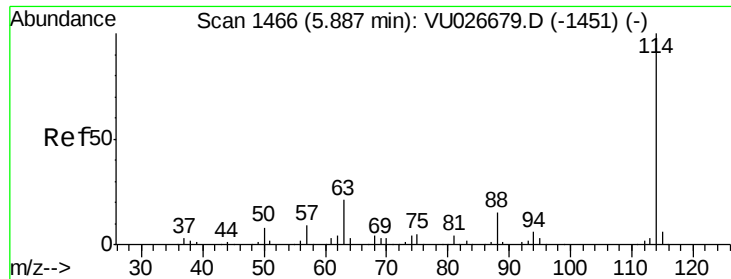
67 53.7 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0

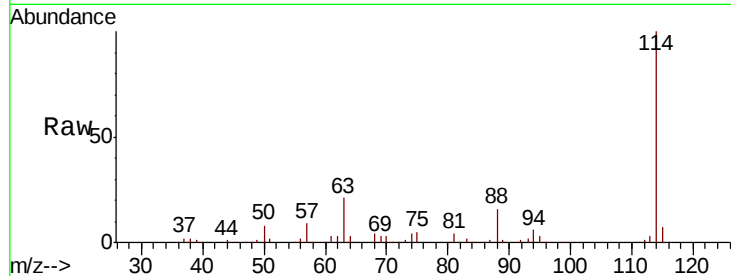




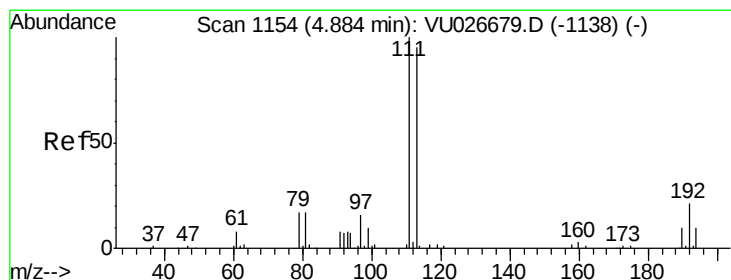
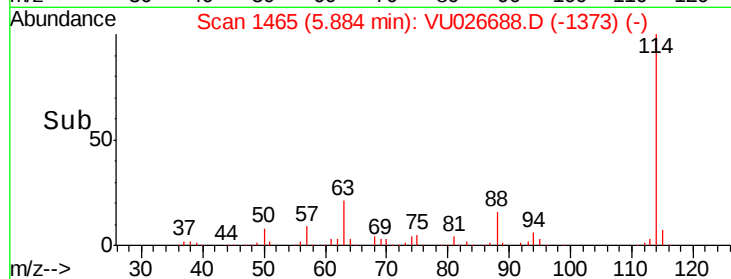
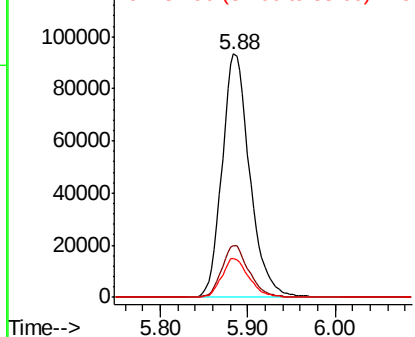
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: VU026688.D
 Acq: 11 Sep 2018 18:58

Instrument :
 MSVOA_U
 ClientSampleId :
 EP1-Q2-H7ME

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	41.4
88	16.1	0.0	30.8

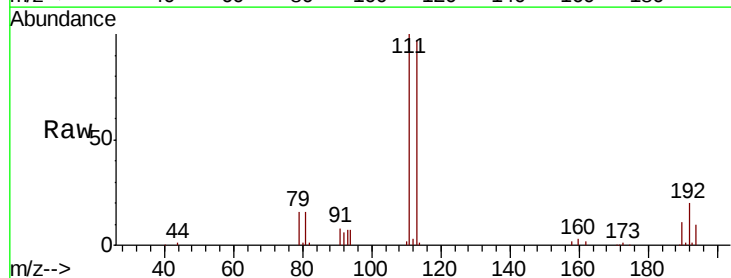


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

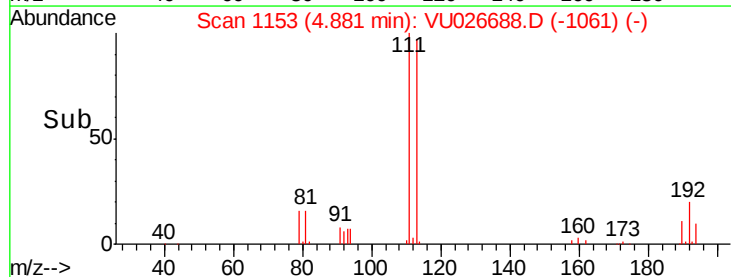
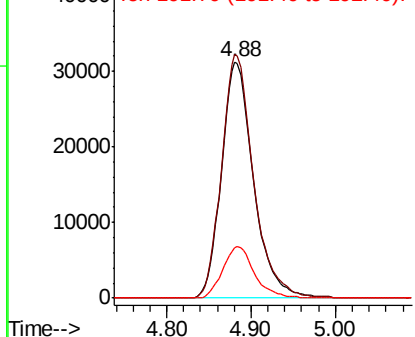


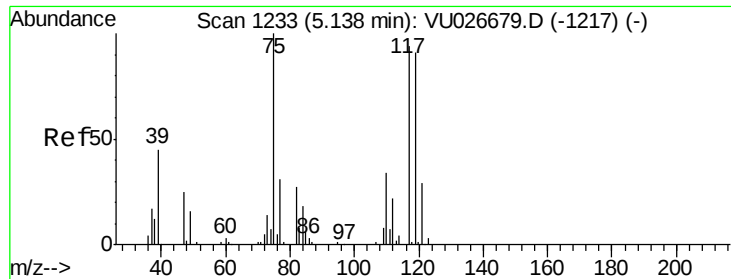
#35
 Dibromofluoromethane
 Concen: 49.212 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VU026688.D
 Acq: 11 Sep 2018 18:58

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	83.1	124.7
192	21.4	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

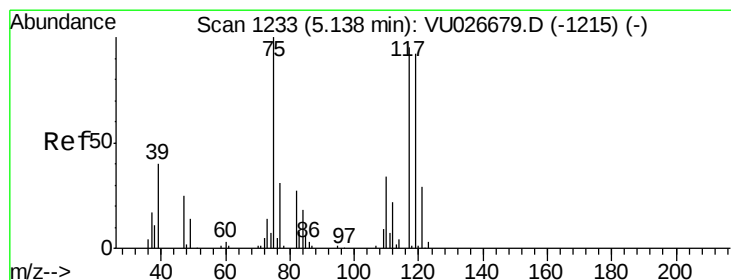
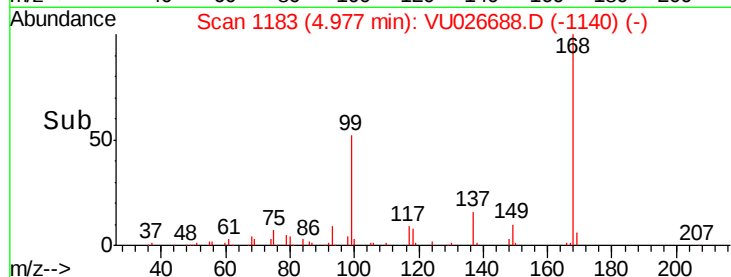
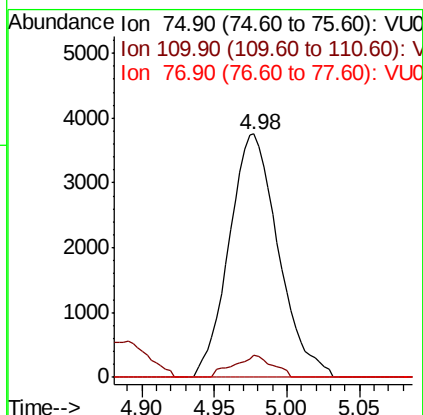
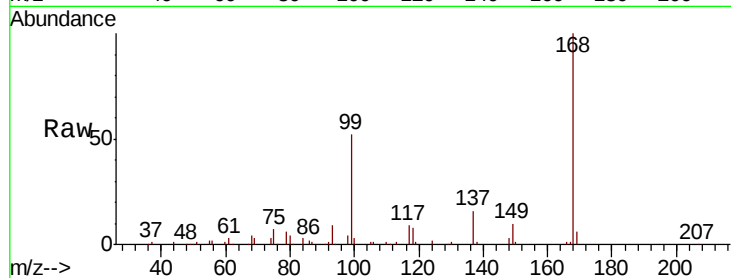




#36
 1,1-Dichloropropene
 Concen: 3.844 ug/l
 RT: 4.98 min Scan# 1183
 Delta R.T. -0.16 min
 Lab File: VU026688.D
 Acq: 11 Sep 2018 18:58

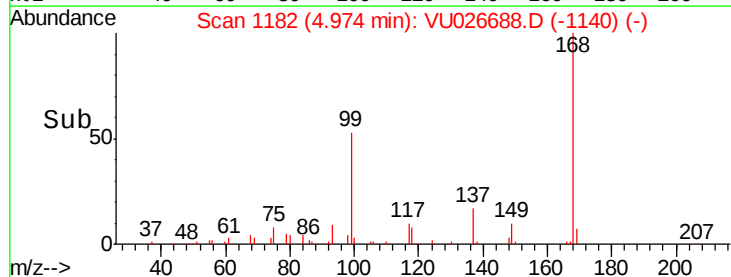
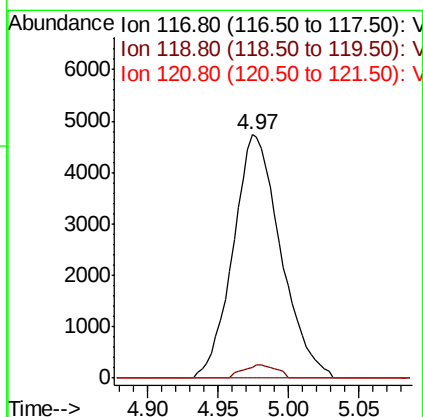
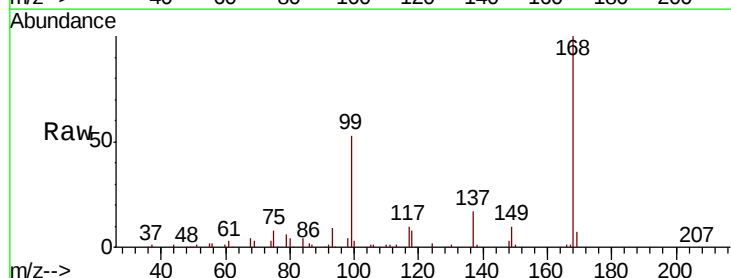
Instrument :
 MSVOA_U
 ClientSampleId :
 EP1-Q2-H7ME

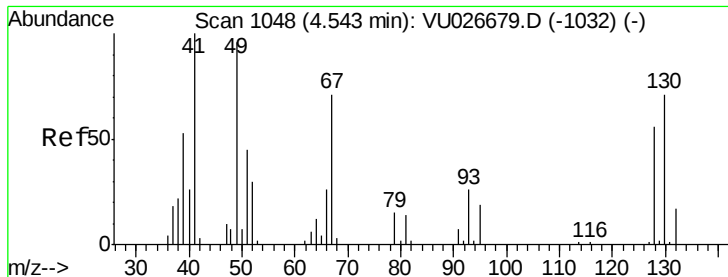
Tgt Ion: 75 Resp: 8850
 Ion Ratio Lower Upper
 75 100
 110 7.1 17.3 51.9#
 77 0.0 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 4.583 ug/l
 RT: 4.97 min Scan# 1182
 Delta R.T. -0.16 min
 Lab File: VU026688.D
 Acq: 11 Sep 2018 18:58

Tgt Ion: 117 Resp: 11148
 Ion Ratio Lower Upper
 117 100
 119 4.5 77.8 116.8#
 121 0.0 25.0 37.4#

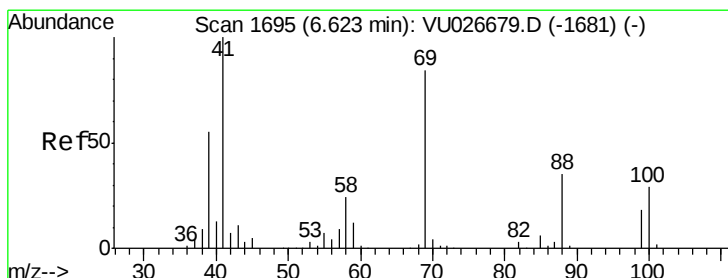
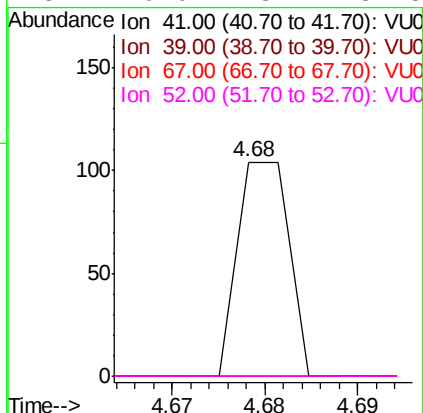
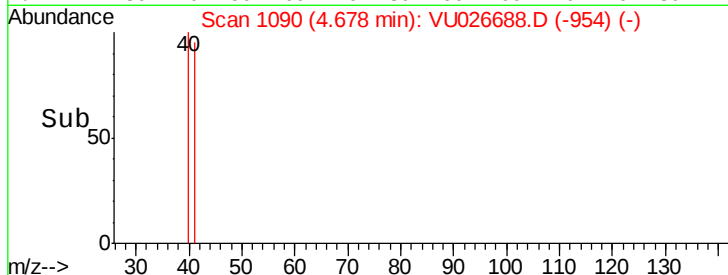
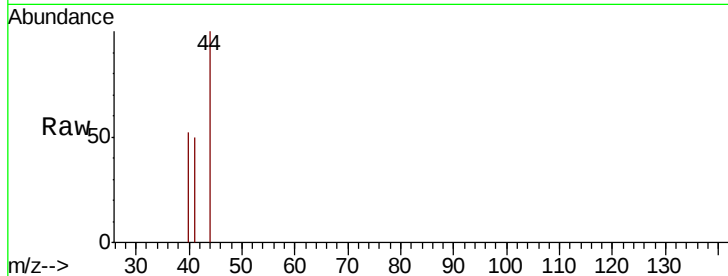




#41
Methacrylonitrile
Concen: 0.771 ug/l
RT: 4.68 min Scan# 1090
Delta R.T. 0.14 min
Lab File: VU026688.D
Acq: 11 Sep 2018 18:58

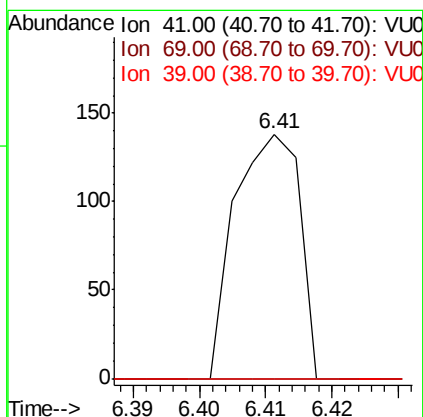
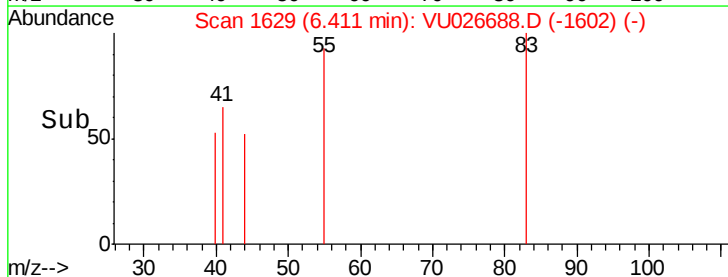
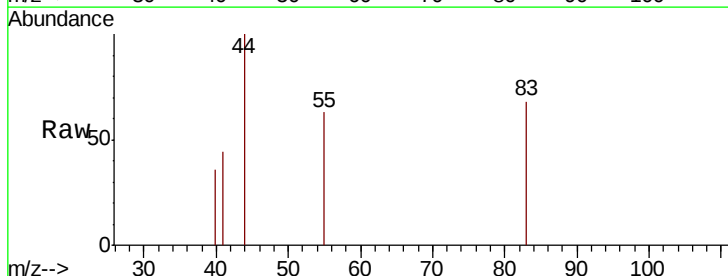
Instrument :
MSVOA_U
ClientSampleId :
EP1-Q2-H7ME

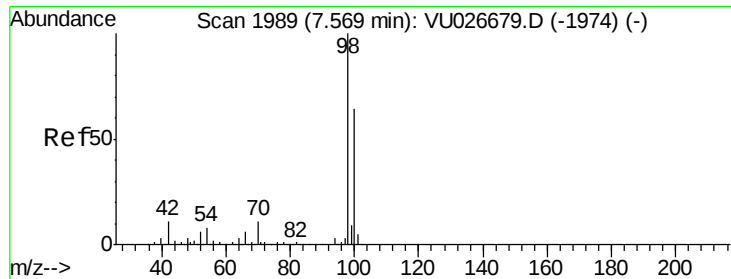
Tgt Ion	Ratio	Lower	Upper
41	100		
39	0.0	42.9	64.3#
67	0.0	56.6	84.8#
52	0.0	23.2	34.8#



#48
Methyl methacrylate
Concen: 1.875 ug/l
RT: 6.41 min Scan# 1629
Delta R.T. -0.21 min
Lab File: VU026688.D
Acq: 11 Sep 2018 18:58

Tgt Ion	Ratio	Lower	Upper
41	100		
69	0.0	66.6	99.8#
39	0.0	43.6	65.4#

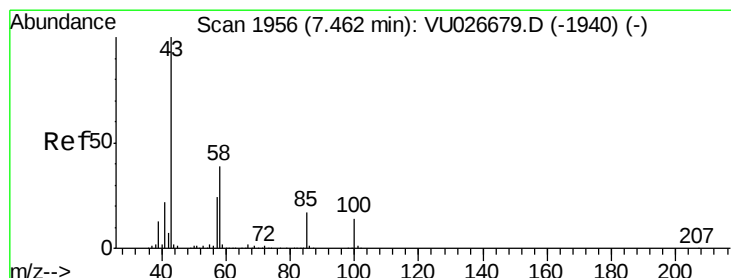
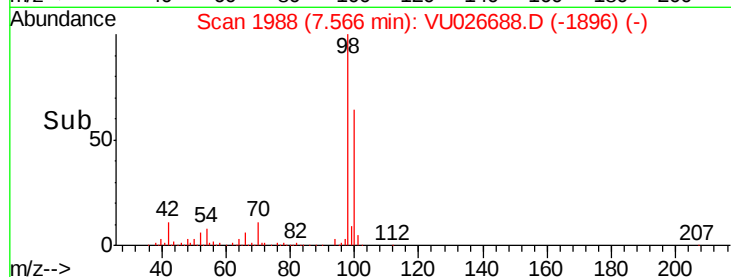
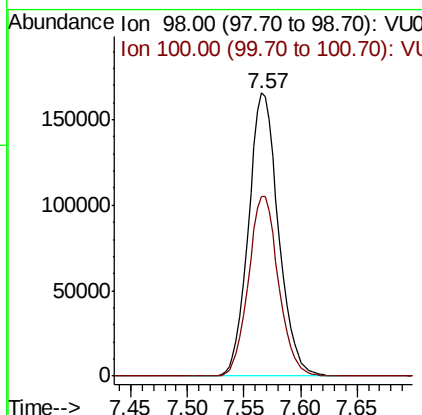
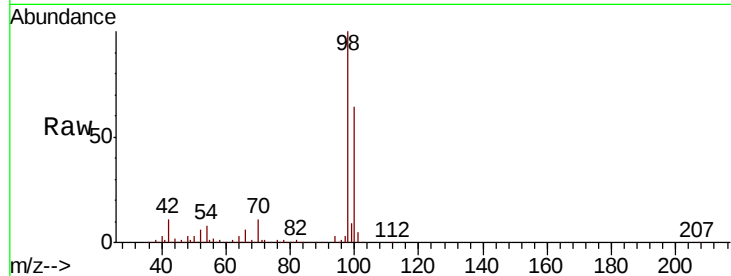




#50
Toluene-d8
Concen: 49.383 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU026688.D
Acq: 11 Sep 2018 18:58

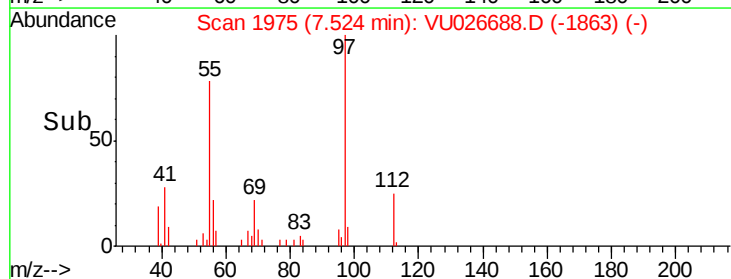
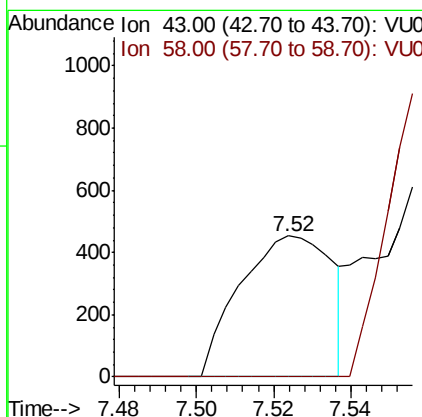
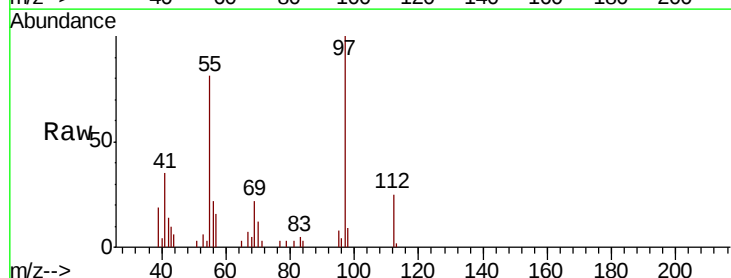
Instrument :
MSVOA_U
ClientSampleId :
EP1-Q2-H7ME

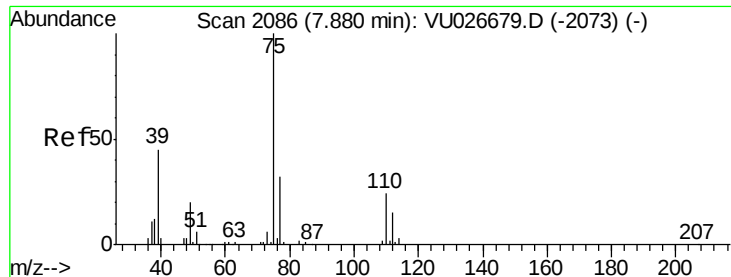
Tgt Ion: 98 Resp: 305532
Ion Ratio Lower Upper
98 100
100 63.8 51.2 76.8



#51
4-Methyl-2-Pentanone
Concen: 0.266 ug/l
RT: 7.52 min Scan# 1975
Delta R.T. 0.06 min
Lab File: VU026688.D
Acq: 11 Sep 2018 18:58

Tgt Ion: 43 Resp: 750
Ion Ratio Lower Upper
43 100
58 0.0 31.1 46.7#

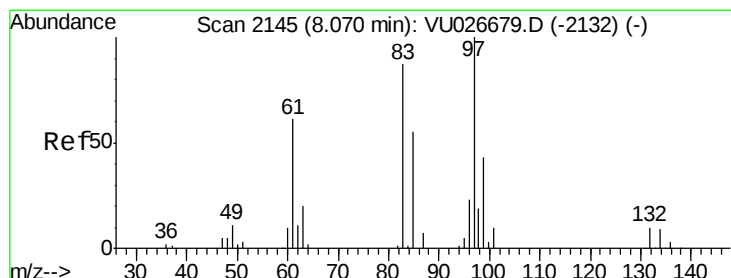
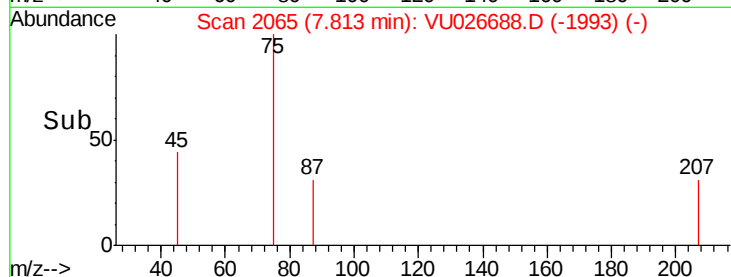
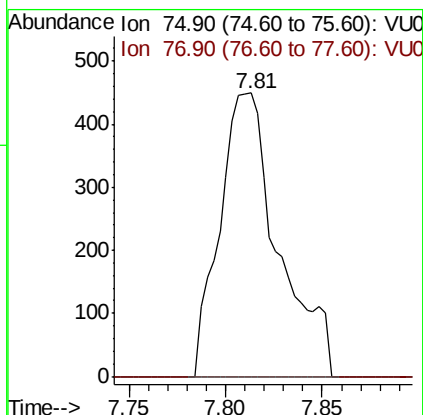
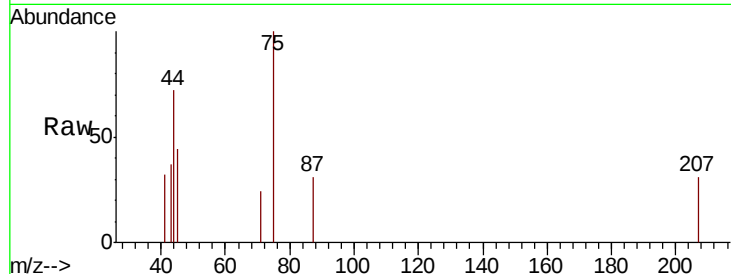




#53
t-1,3-Dichloropropene
Concen: 0.346 ug/l
RT: 7.81 min Scan# 2065
Delta R.T. -0.07 min
Lab File: VU026688.D
Acq: 11 Sep 2018 18:58

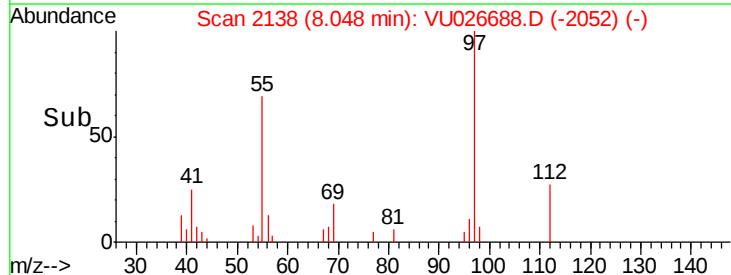
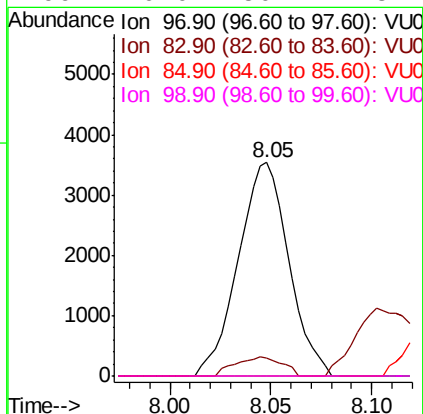
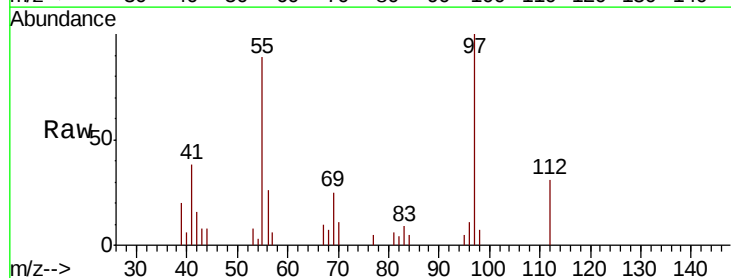
Instrument :
MSVOA_U
ClientSampleId :
EP1-Q2-H7ME

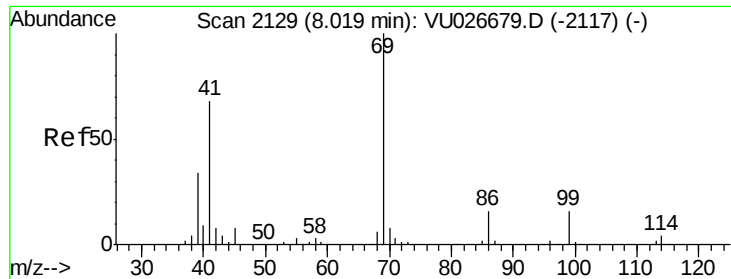
Tgt Ion: 75 Resp: 947
Ion Ratio Lower Upper
75 100
77 0.0 25.2 37.8#



#55
1,1,2-Trichloroethane
Concen: 3.394 ug/l
RT: 8.05 min Scan# 2138
Delta R.T. -0.02 min
Lab File: VU026688.D
Acq: 11 Sep 2018 18:58

Tgt Ion: 97 Resp: 6194
Ion Ratio Lower Upper
97 100
83 8.6 69.3 103.9#
85 0.0 45.9 68.9#
99 0.0 50.1 75.1#

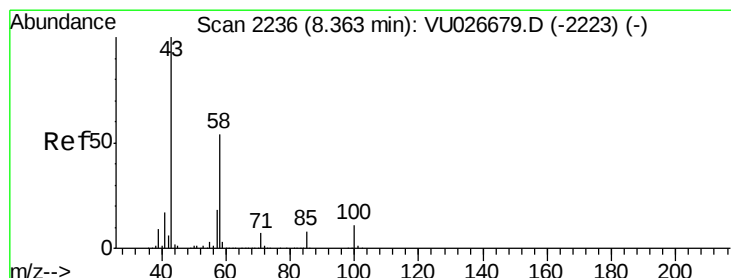
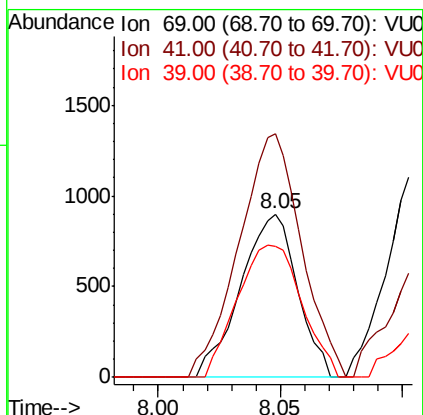
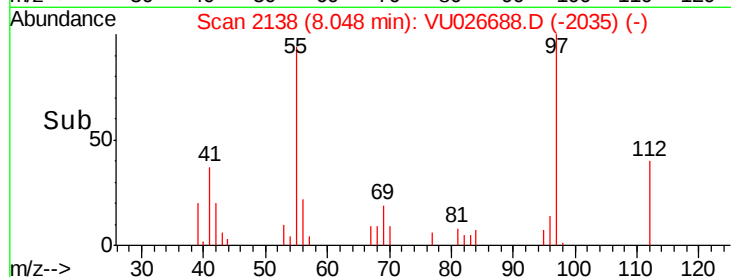
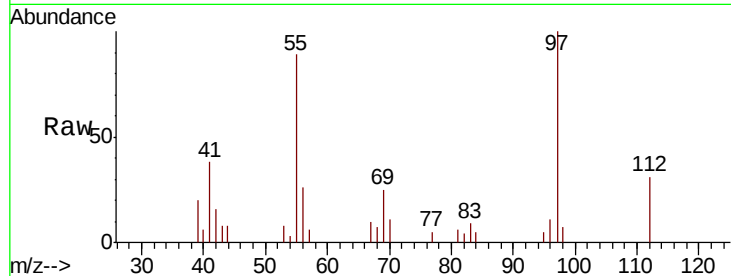




#56
Ethyl methacrylate
Concen: 3.297 ug/l
RT: 8.05 min Scan# 2138
Delta R.T. 0.03 min
Lab File: VU026688.D
Acq: 11 Sep 2018 18:58

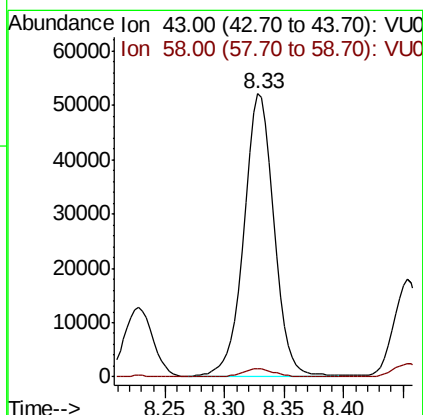
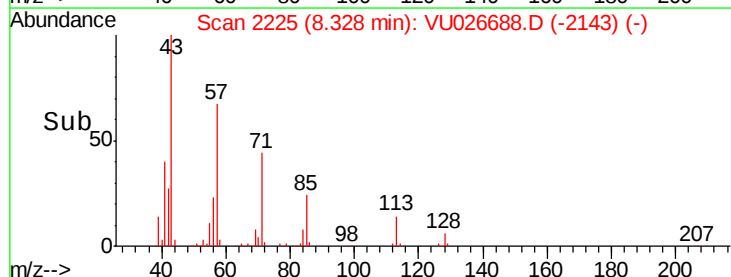
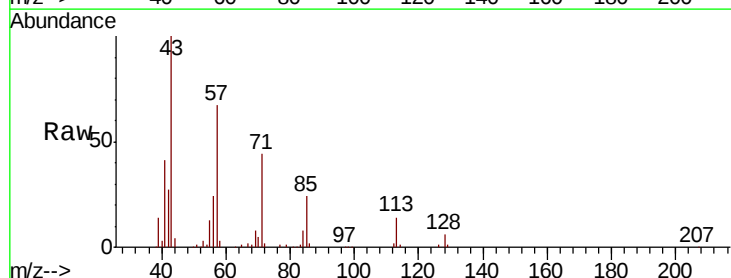
Instrument :
MSVOA_U
ClientSampleId :
EP1-Q2-H7ME

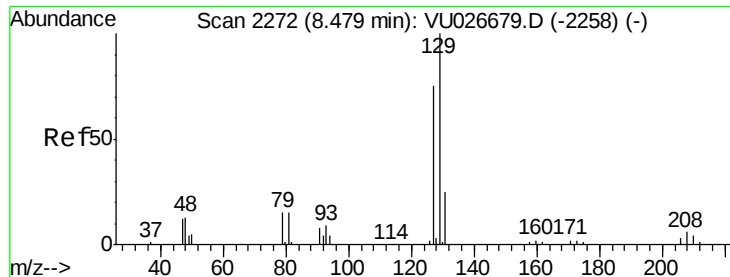
Tgt Ion: 69 Resp: 1453
Ion Ratio Lower Upper
69 100
41 164.2 54.2 81.2#
39 91.9 28.4 42.6#



#59
2-Hexanone
Concen: 40.901 ug/l
RT: 8.33 min Scan# 2225
Delta R.T. -0.04 min
Lab File: VU026688.D
Acq: 11 Sep 2018 18:58

Tgt Ion: 43 Resp: 90772
Ion Ratio Lower Upper
43 100
58 3.0 26.9 80.7#

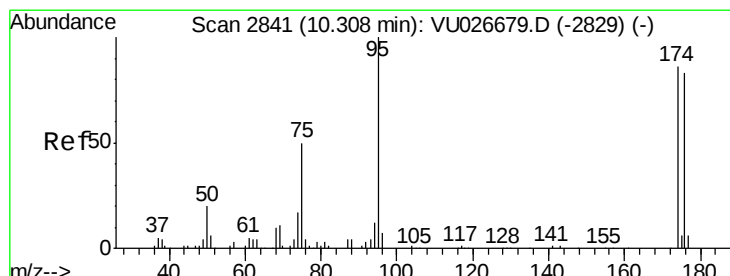
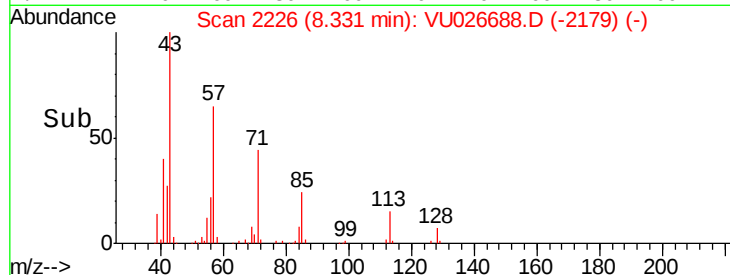
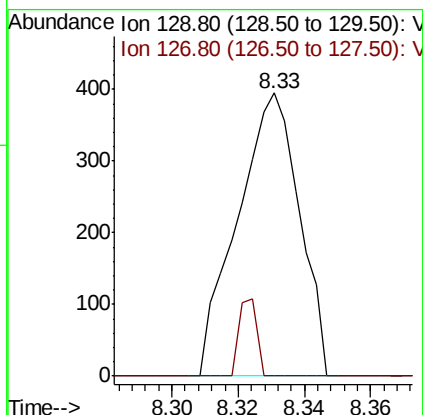
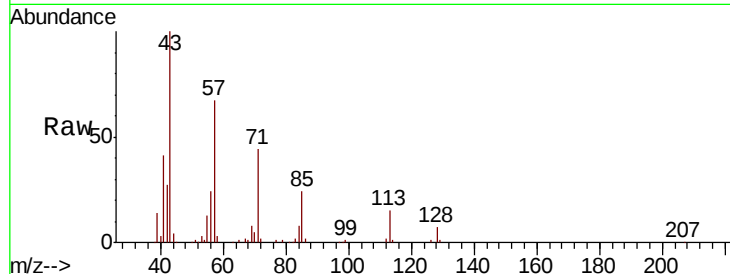




#60
 Dibromochloromethane
 Concen: 0.259 ug/l
 RT: 8.33 min Scan# 2226
 Delta R.T. -0.15 min
 Lab File: VU026688.D
 Acq: 11 Sep 2018 18:58

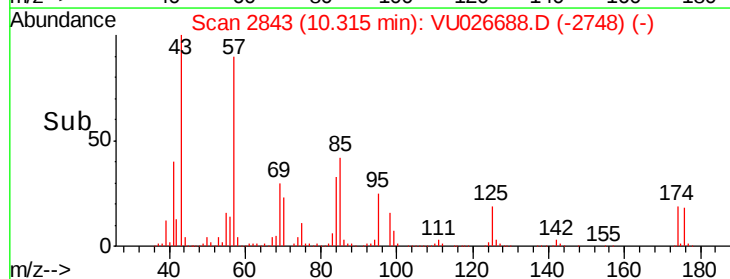
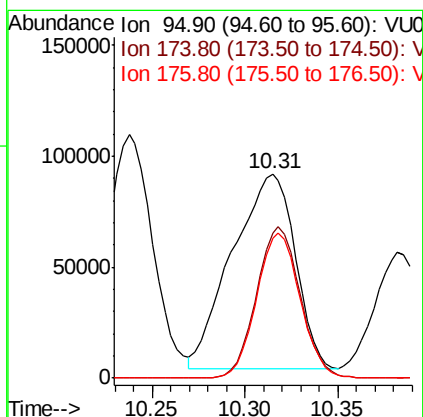
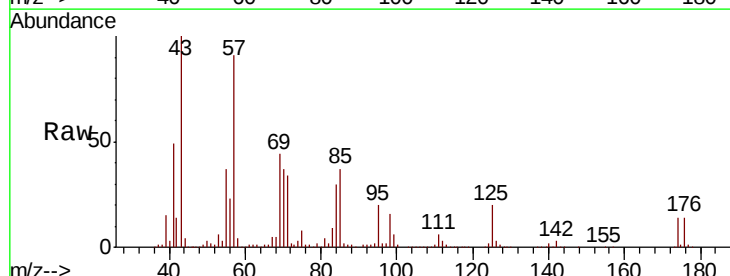
Instrument :
 MSVOA_U
 ClientSampleId :
 EP1-Q2-H7ME

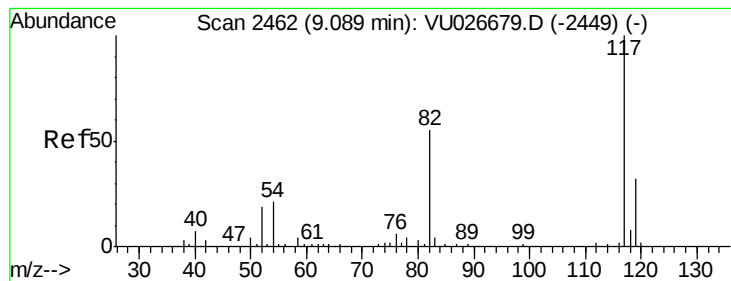
Tgt Ion: 129 Resp: 512
 Ion Ratio Lower Upper
 129 100
 127 7.8 38.3 114.9#



#62
 4-Bromofluorobenzene
 Concen: 91.633 ug/l
 RT: 10.31 min Scan# 2843
 Delta R.T. 0.01 min
 Lab File: VU026688.D
 Acq: 11 Sep 2018 18:58

Tgt Ion: 95 Resp: 205474
 Ion Ratio Lower Upper
 95 100
 174 54.6 0.0 172.8
 176 52.3 0.0 168.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.10 min Scan# 2464

Delta R.T. 0.01 min

Lab File: VU026688.D

Acq: 11 Sep 2018 18:58

Instrument :

MSVOA_U

ClientSampleId :

EP1-Q2-H7ME

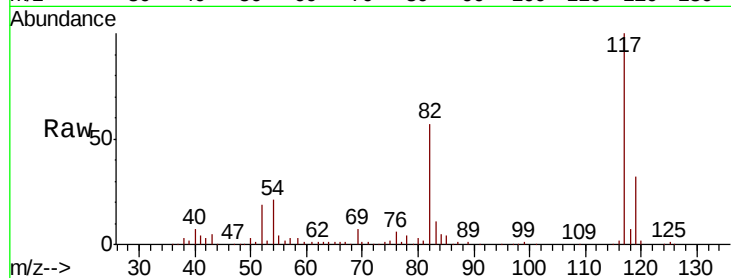
Tgt Ion:117 Resp: 214274

Ion Ratio Lower Upper

117 100

82 52.9 44.1 66.1

119 32.1 25.7 38.5

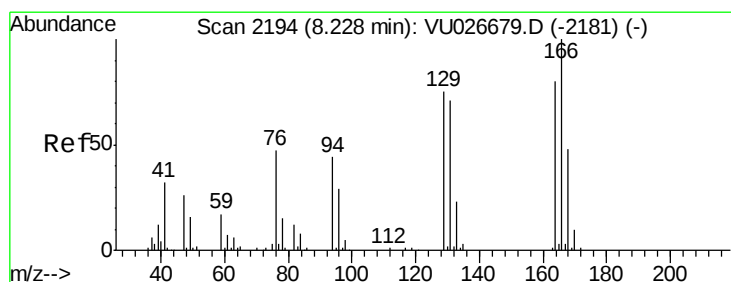
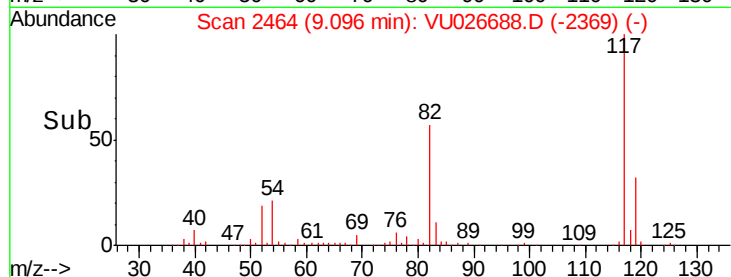
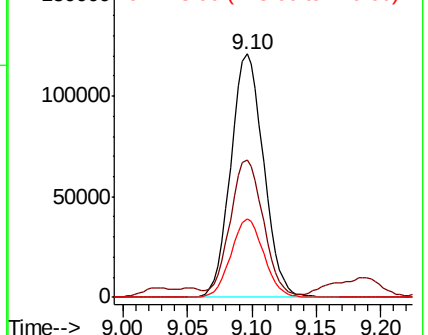


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 0.283 ug/l

RT: 8.23 min Scan# 2195

Delta R.T. 0.00 min

Lab File: VU026688.D

Acq: 11 Sep 2018 18:58

Tgt Ion:164 Resp: 482

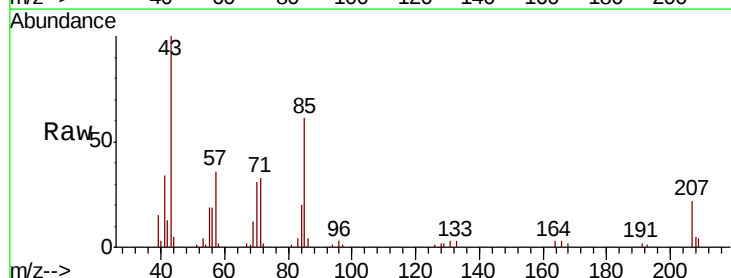
Ion Ratio Lower Upper

164 100

166 99.7 100.5 150.7#

129 80.7 75.3 112.9

131 90.8 71.4 107.2



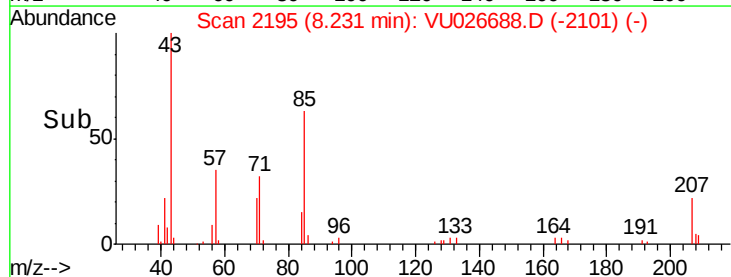
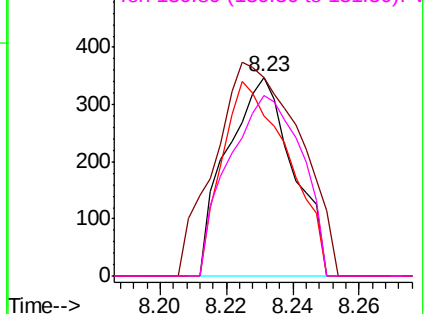
Abundance

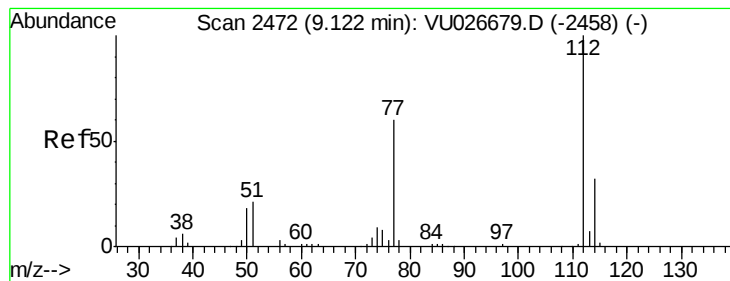
Ion 163.80 (163.50 to 164.50): V

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





#65

Chlorobenzene

Concen: 0.360 ug/l

RT: 9.04 min Scan# 2446

Delta R.T. -0.08 min

Lab File: VU026688.D

Acq: 11 Sep 2018 18:58

Instrument :

MSVOA_U

ClientSampleId :

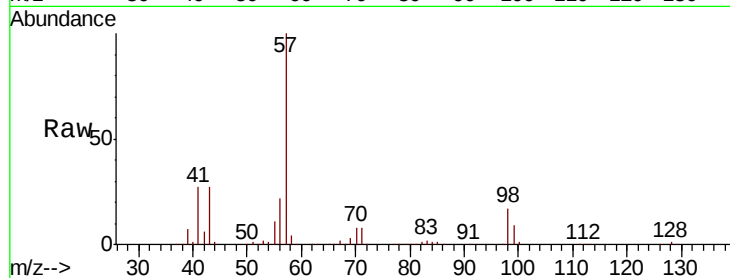
EP1-Q2-H7ME

Tgt Ion:112 Resp: 1917

Ion Ratio Lower Upper

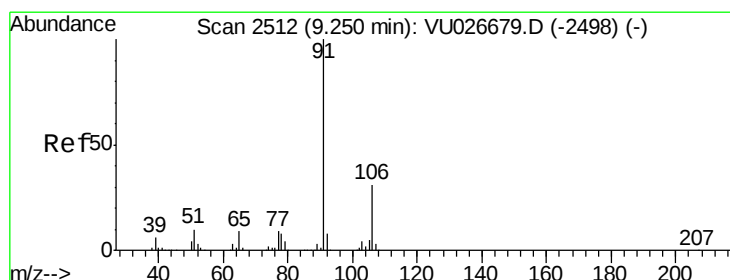
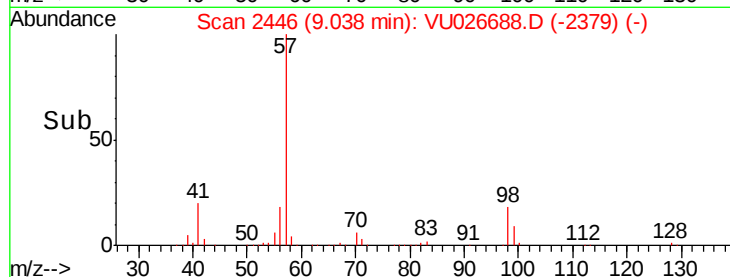
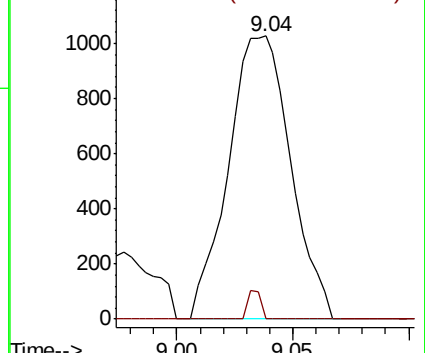
112 100

114 0.0 25.5 38.3#



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#67

Ethyl Benzene

Concen: 6.820 ug/l

RT: 9.38 min Scan# 2553

Delta R.T. 0.13 min

Lab File: VU026688.D

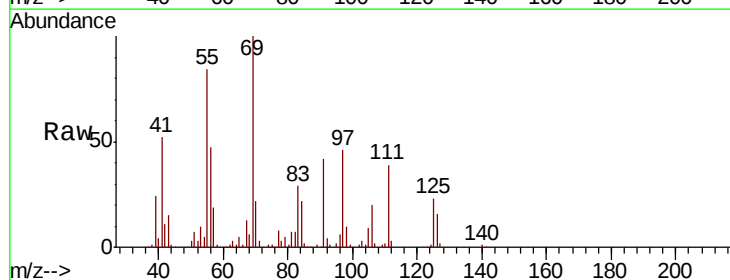
Acq: 11 Sep 2018 18:58

Tgt Ion: 91 Resp: 59806

Ion Ratio Lower Upper

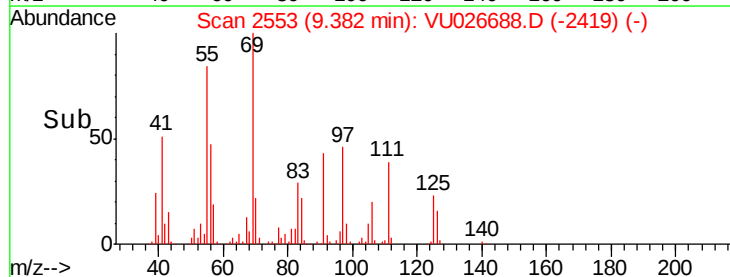
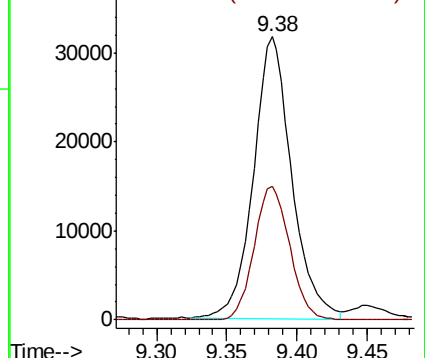
91 100

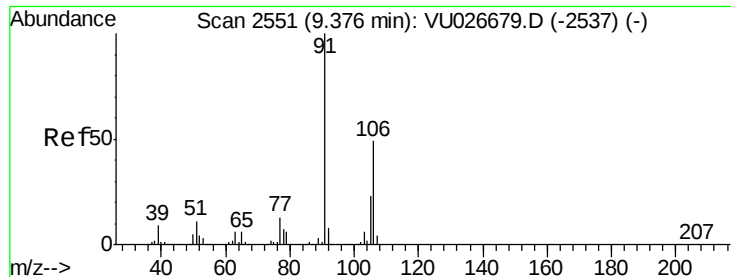
106 47.6 25.0 37.4#



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 106.00 (105.70 to 106.70): V

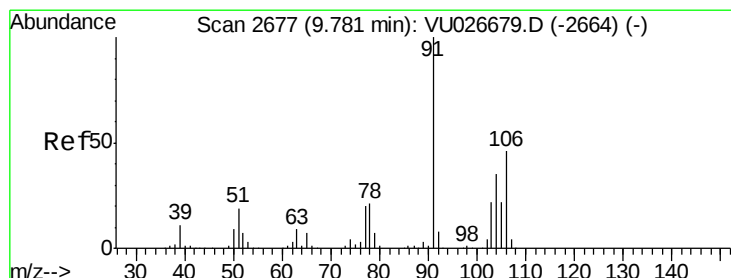
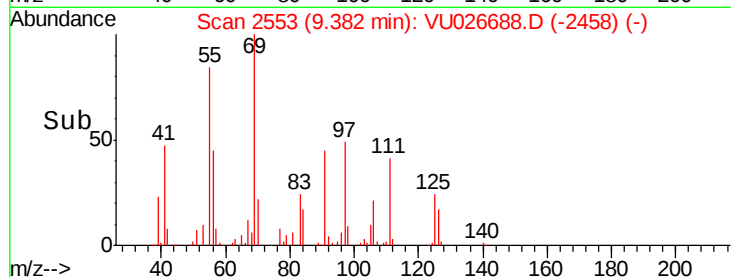
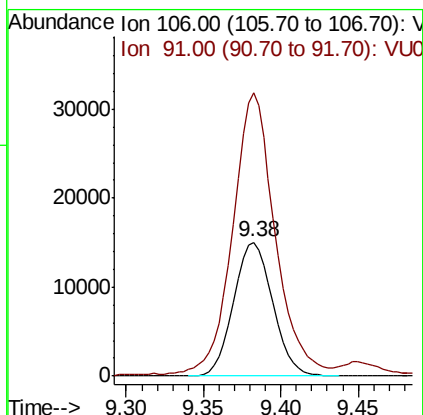
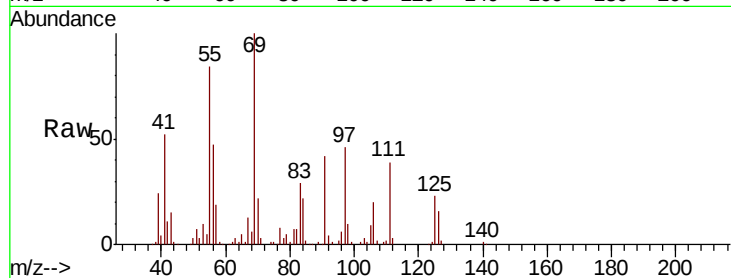




#68
m/p-Xylenes
Concen: 7.924 ug/l
RT: 9.38 min Scan# 2553
Delta R.T. 0.01 min
Lab File: VU026688.D
Acq: 11 Sep 2018 18:58

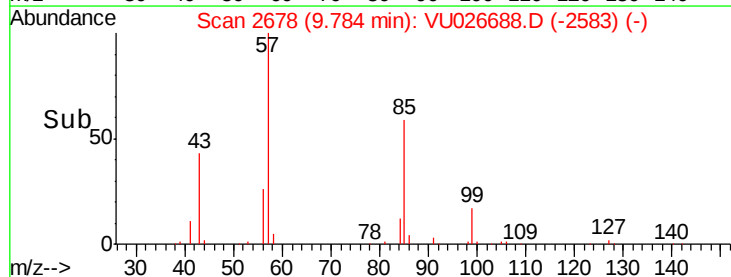
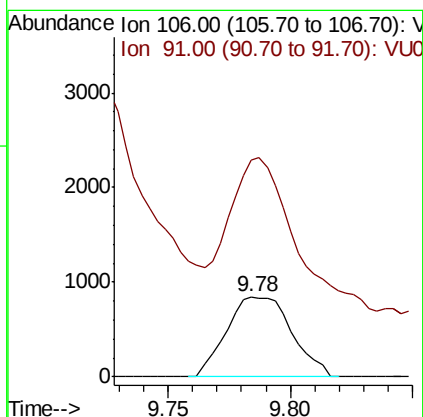
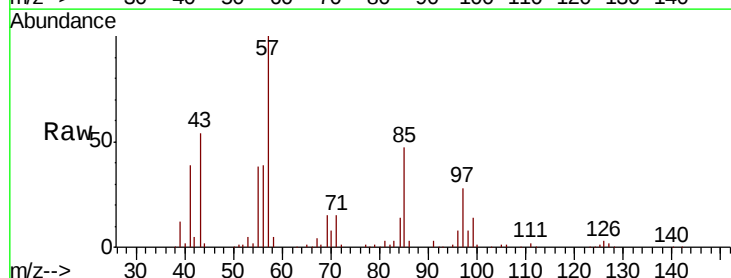
Instrument :
MSVOA_U
ClientSampleId :
EP1-Q2-H7ME

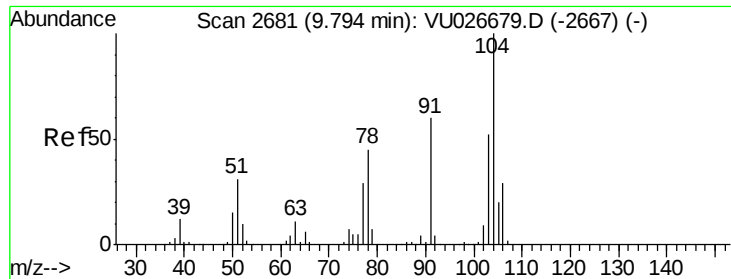
Tgt Ion:106 Resp: 26433
Ion Ratio Lower Upper
106 100
91 225.2 162.1 243.1



#69
o-Xylene
Concen: 1.661 ug/l
RT: 9.78 min Scan# 2678
Delta R.T. 0.00 min
Lab File: VU026688.D
Acq: 11 Sep 2018 18:58

Tgt Ion:106 Resp: 1563
Ion Ratio Lower Upper
106 100
91 235.6 106.9 320.8

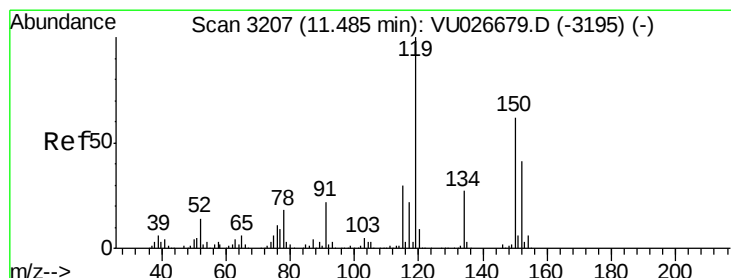
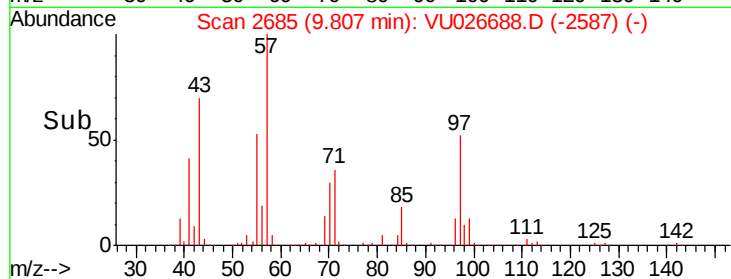
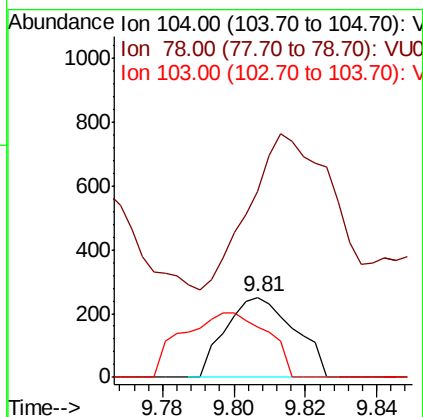
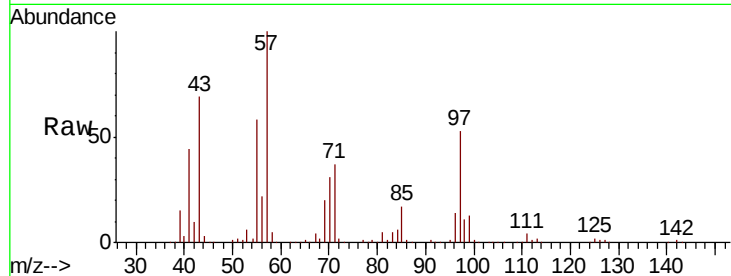




#70
Styrene
Concen: 1.913 ug/l
RT: 9.81 min Scan# 2685
Delta R.T. 0.01 min
Lab File: VU026688.D
Acq: 11 Sep 2018 18:58

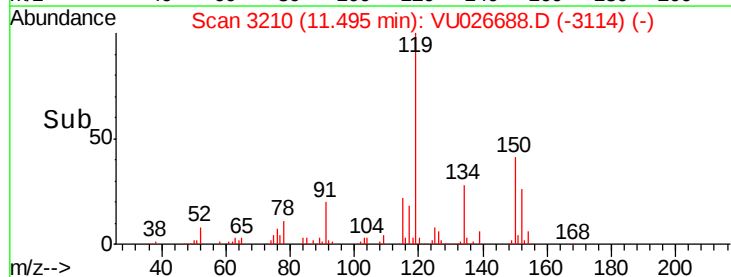
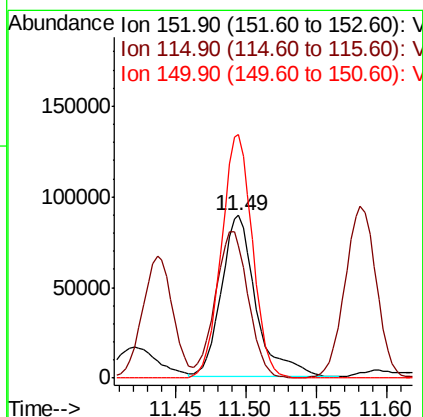
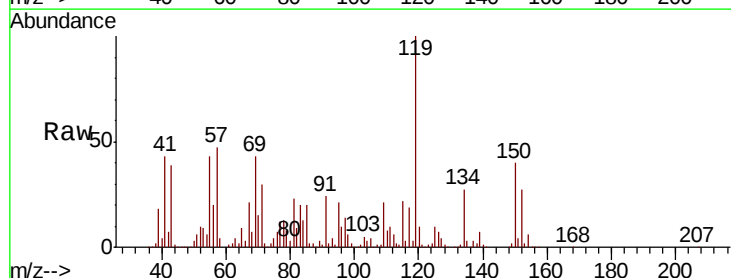
Instrument :
MSVOA_U
ClientSampleId :
EP1-Q2-H7ME

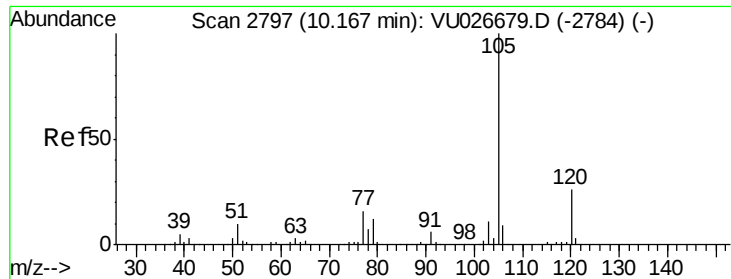
Tgt Ion:104 Resp: 335
Ion Ratio Lower Upper
104 100
78 241.2 39.4 59.2#
103 99.4 44.5 66.7#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3210
Delta R.T. 0.01 min
Lab File: VU026688.D
Acq: 11 Sep 2018 18:58

Tgt Ion:152 Resp: 152762
Ion Ratio Lower Upper
152 100
115 84.9 40.4 121.1
150 135.0 0.0 345.2





#73

Isopropylbenzene

Concen: 0.200 ug/l

RT: 10.17 min Scan# 2798

Delta R.T. 0.00 min

Lab File: VU026688.D

Acq: 11 Sep 2018 18:58

Instrument :

MSVOA_U

ClientSampleId :

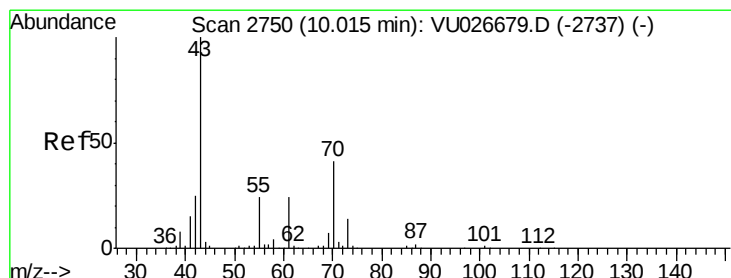
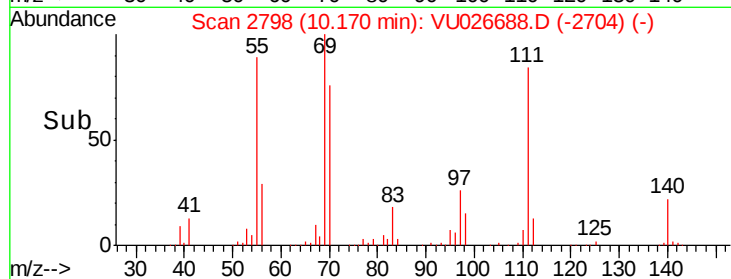
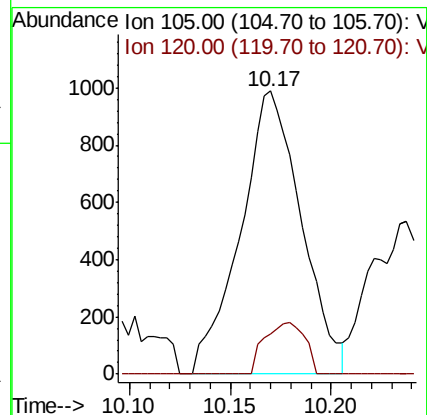
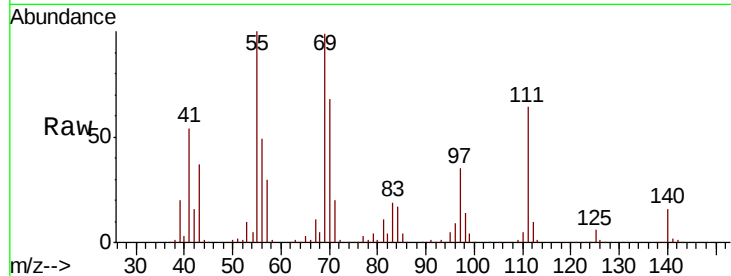
EP1-Q2-H7ME

Tgt Ion: 105 Resp: 2085

Ion Ratio Lower Upper

105 100

120 12.0 13.3 39.9#



#74

N-ethyl acetate

Concen: 30.896 ug/l

RT: 10.02 min Scan# 2750

Delta R.T. 0.00 min

Lab File: VU026688.D

Acq: 11 Sep 2018 18:58

Tgt Ion: 43 Resp: 151843

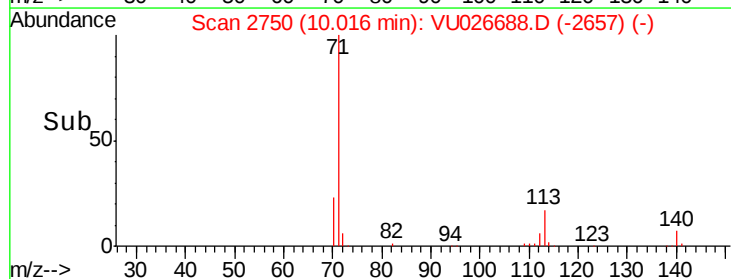
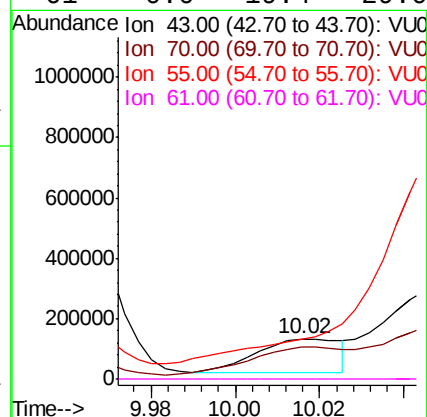
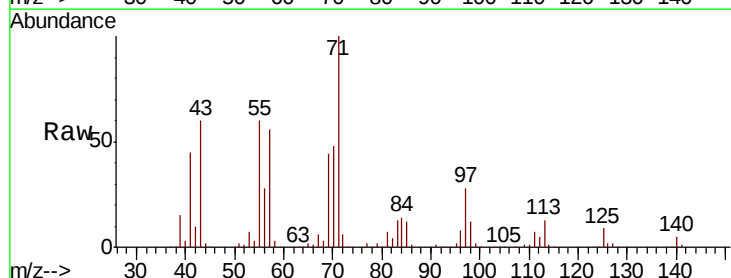
Ion Ratio Lower Upper

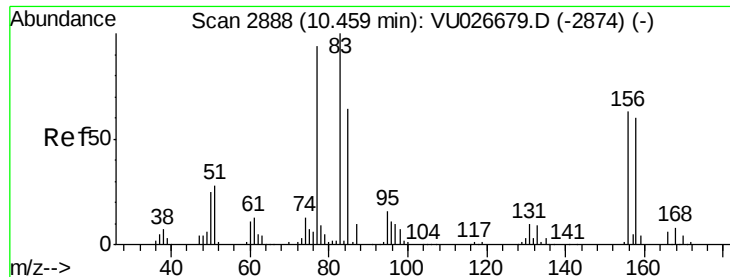
43 100

70 101.4 32.6 48.8#

55 0.0 19.1 28.7#

61 0.0 19.4 29.0#





#75

1,1,2,2-Tetrachloroethane

Concen: 149.056 ug/l

RT: 10.50 min Scan# 2900

Delta R.T. 0.04 min

Lab File: VU026688.D

Acq: 11 Sep 2018 18:58

Instrument :

MSVOA_U

ClientSampleId :

EP1-Q2-H7ME

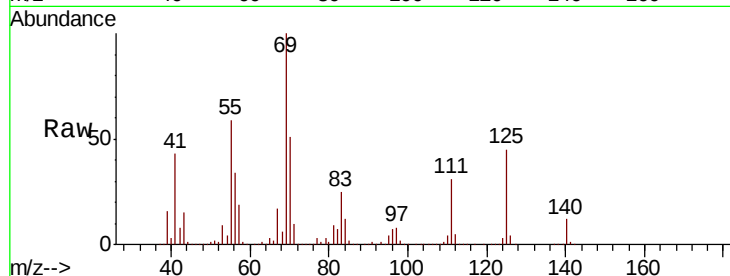
Tgt Ion: 83 Resp: 632367

Ion Ratio Lower Upper

83 100

131 0.0 4.9 14.6#

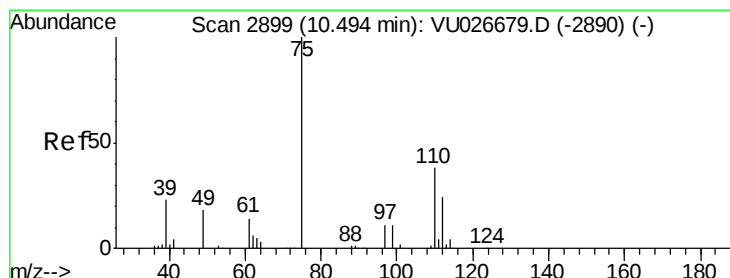
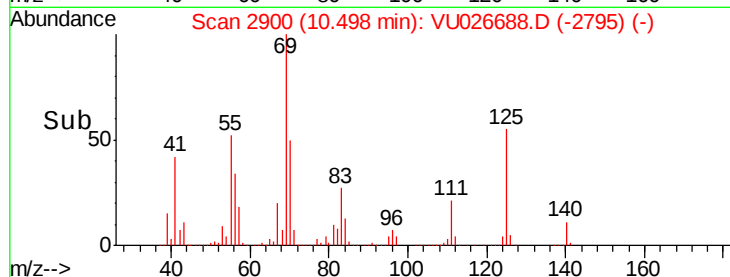
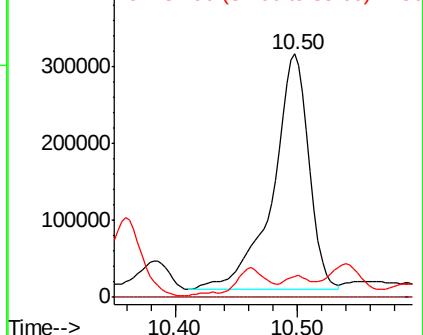
85 5.4 32.3 96.9#



Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 130.80 (130.50 to 131.50): VU0

Ion 84.90 (84.60 to 85.60): VU0



#76

1,2,3-Trichloropropane

Concen: 18.410 ug/l

RT: 10.32 min Scan# 2844

Delta R.T. -0.18 min

Lab File: VU026688.D

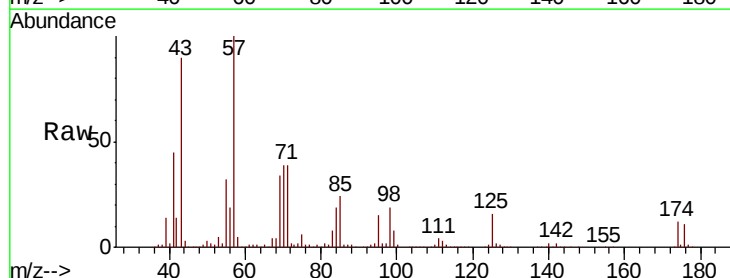
Acq: 11 Sep 2018 18:58

Tgt Ion: 75 Resp: 62999

Ion Ratio Lower Upper

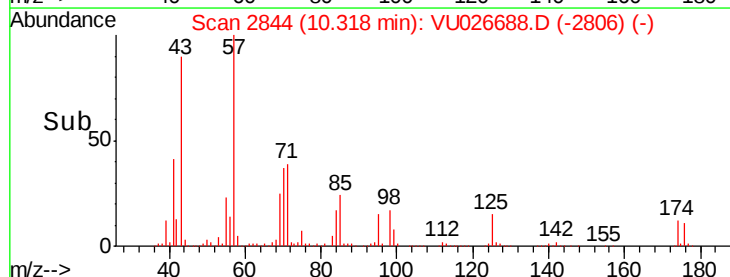
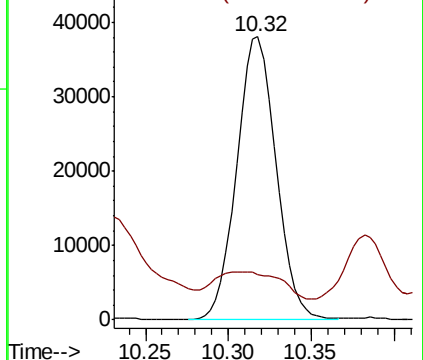
75 100

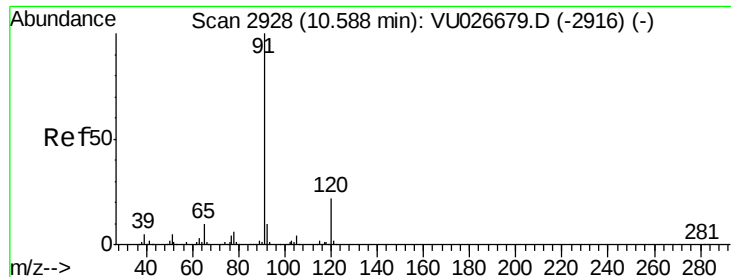
77 15.9 21.1 63.1#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0

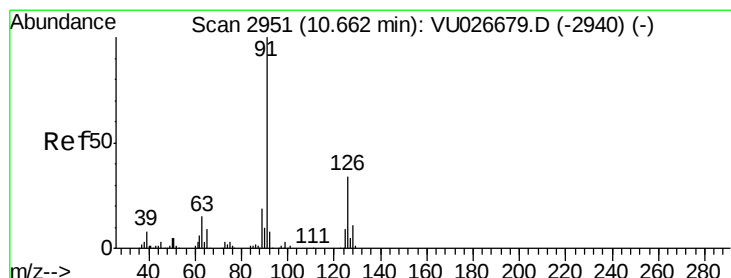
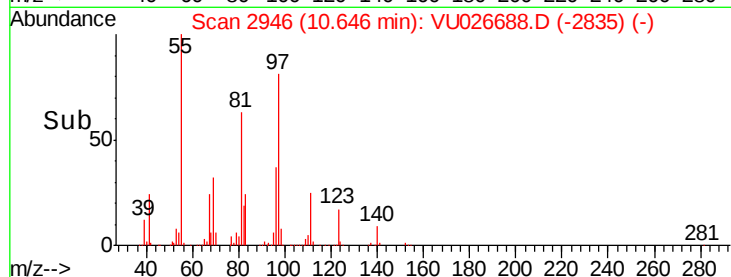
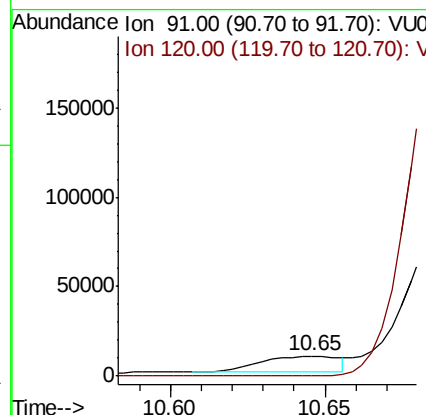
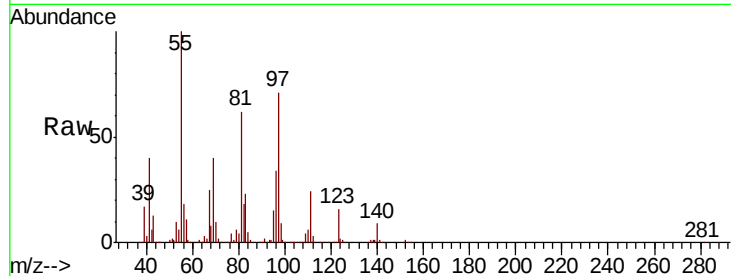




#78
n-propylbenzene
Concen: 1.314 ug/l
RT: 10.65 min Scan# 2946
Delta R.T. 0.06 min
Lab File: VU026688.D
Acq: 11 Sep 2018 18:58

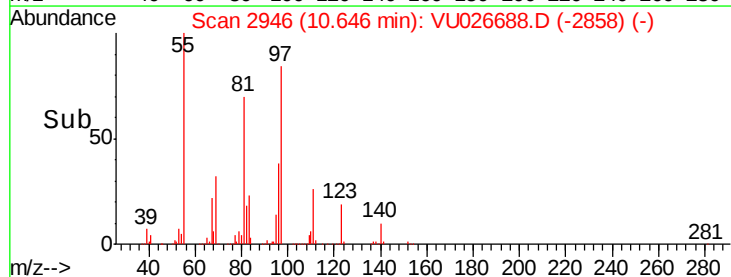
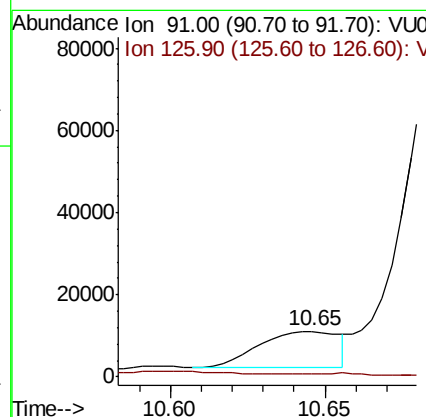
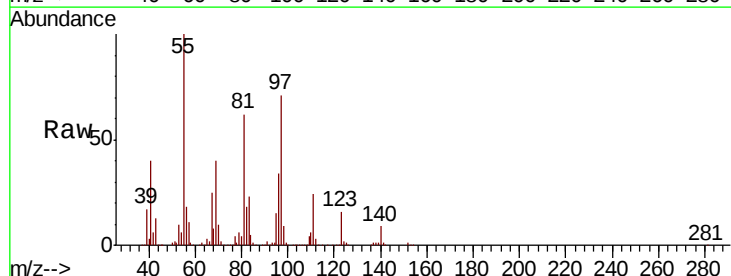
Instrument :
MSVOA_U
ClientSampleId :
EP1-Q2-H7ME

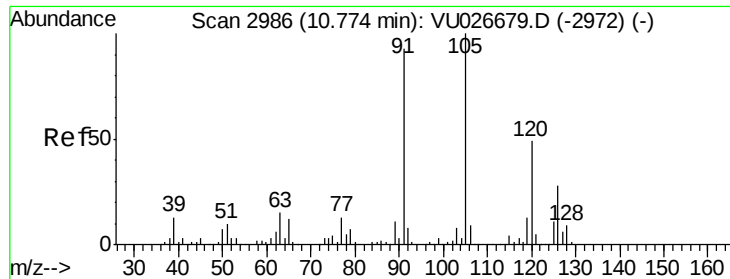
Tgt Ion: 91 Resp: 15912
Ion Ratio Lower Upper
91 100
120 0.0 11.4 34.1#



#79
2-Chlorotoluene
Concen: 2.120 ug/l
RT: 10.65 min Scan# 2946
Delta R.T. -0.02 min
Lab File: VU026688.D
Acq: 11 Sep 2018 18:58

Tgt Ion: 91 Resp: 15912
Ion Ratio Lower Upper
91 100
126 0.0 17.3 51.7#

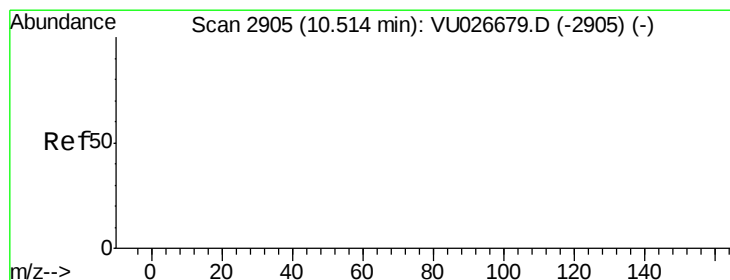
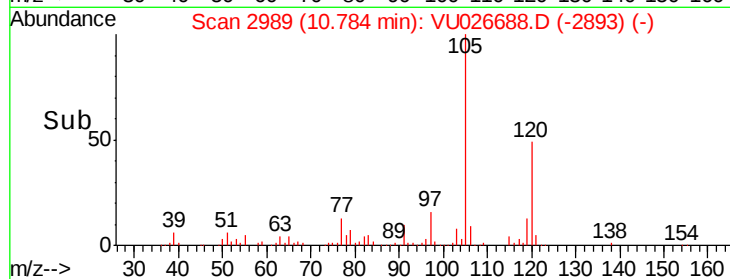
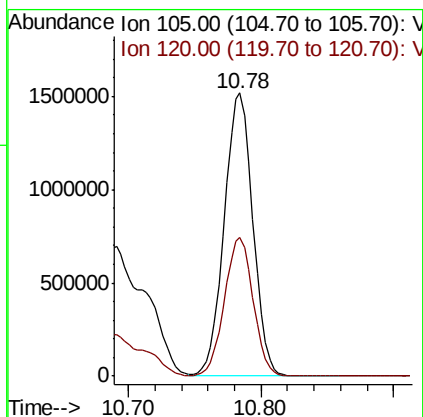
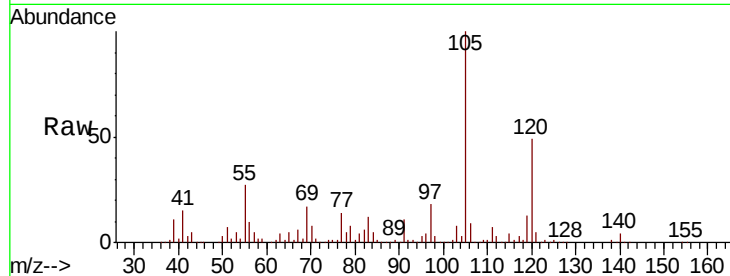




#80
 1,3,5-Trimethylbenzene
 Concen: 259.139 ug/l
 RT: 10.78 min Scan# 2989
 Delta R.T. 0.01 min
 Lab File: VU026688.D
 Acq: 11 Sep 2018 18:58

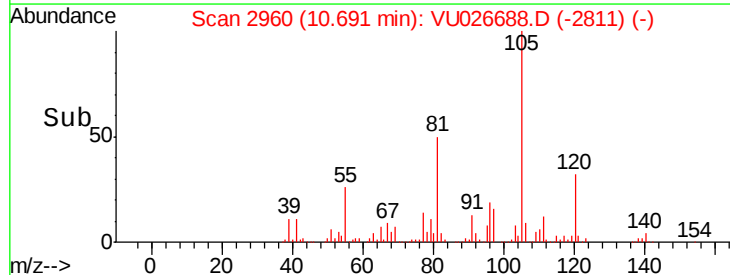
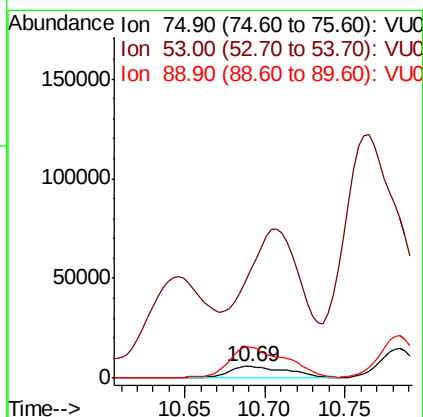
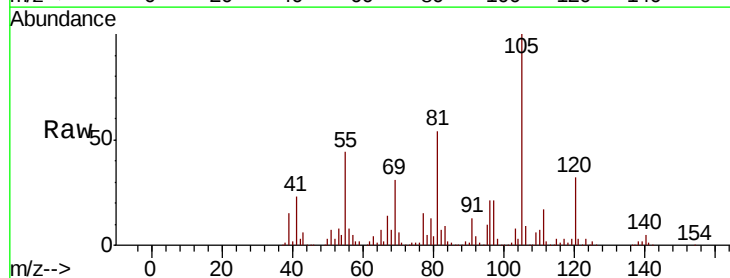
Instrument :
 MSVOA_U
 ClientSampleId :
 EP1-Q2-H7ME

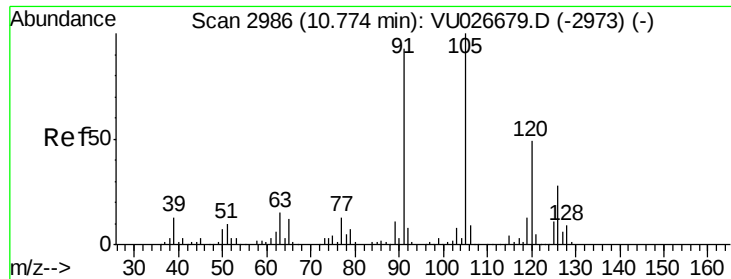
Tgt Ion:105 Resp: 2267464
 Ion Ratio Lower Upper
 105 100
 120 49.1 24.6 74.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 14.629 ug/l
 RT: 10.69 min Scan# 2960
 Delta R.T. 0.18 min
 Lab File: VU026688.D
 Acq: 11 Sep 2018 18:58

Tgt Ion: 75 Resp: 13772
 Ion Ratio Lower Upper
 75 100
 53 702.1 0.0 0.0#
 89 262.4 0.0 0.0#

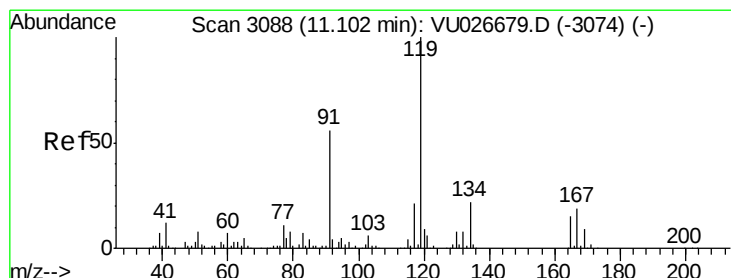
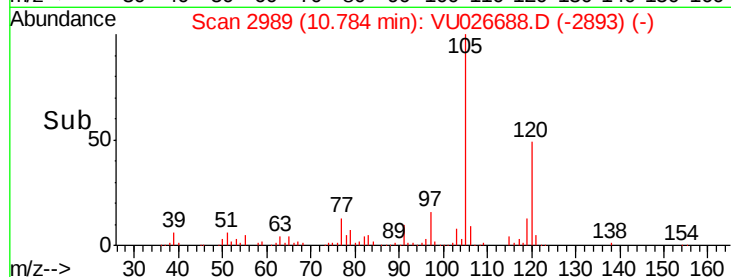
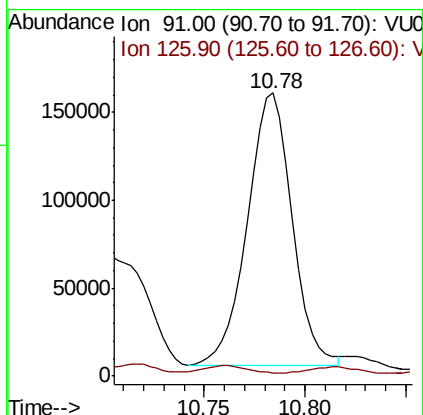
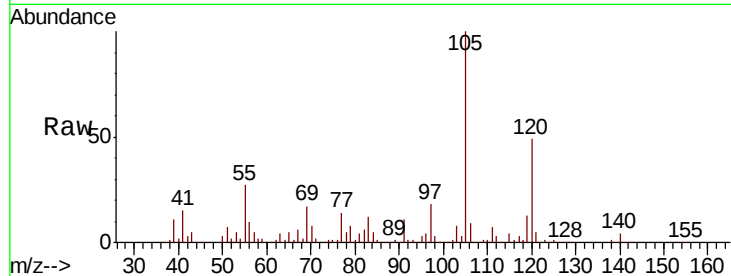




#82
4-Chlorotoluene
Concen: 28.437 ug/l
RT: 10.78 min Scan# 2989
Delta R.T. 0.01 min
Lab File: VU026688.D
Acq: 11 Sep 2018 18:58

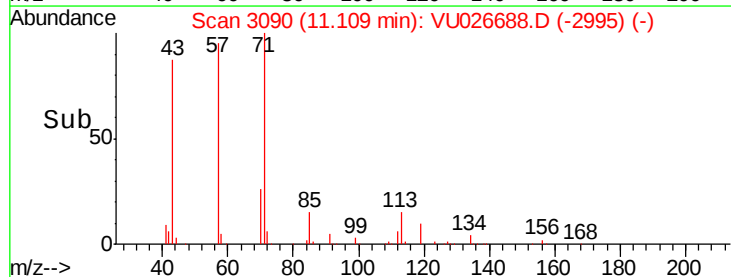
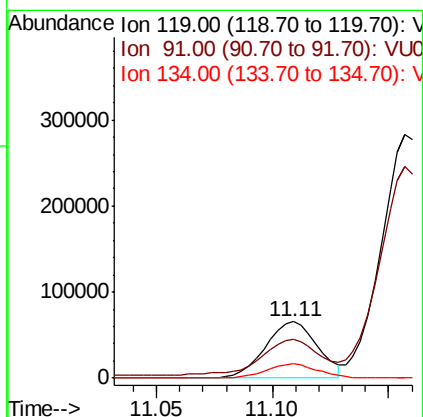
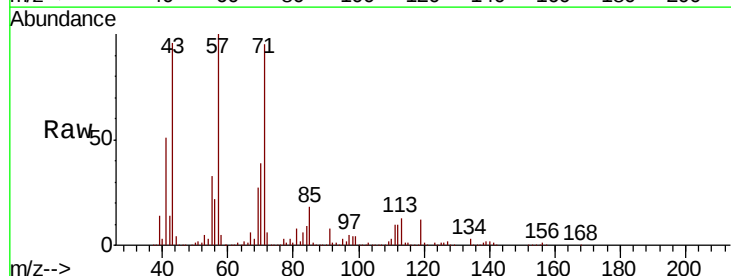
Instrument :
MSVOA_U
ClientSampleId :
EP1-Q2-H7ME

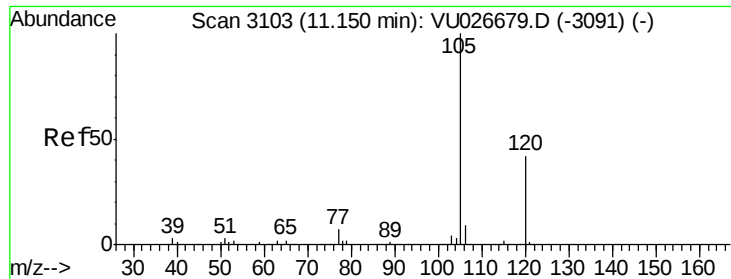
Tgt Ion: 91 Resp: 239795
Ion Ratio Lower Upper
91 100
126 0.0 15.2 45.5#



#83
tert-Butylbenzene
Concen: 11.542 ug/l
RT: 11.11 min Scan# 3090
Delta R.T. 0.01 min
Lab File: VU026688.D
Acq: 11 Sep 2018 18:58

Tgt Ion: 119 Resp: 102490
Ion Ratio Lower Upper
119 100
91 72.7 28.3 85.0
134 25.1 11.2 33.5

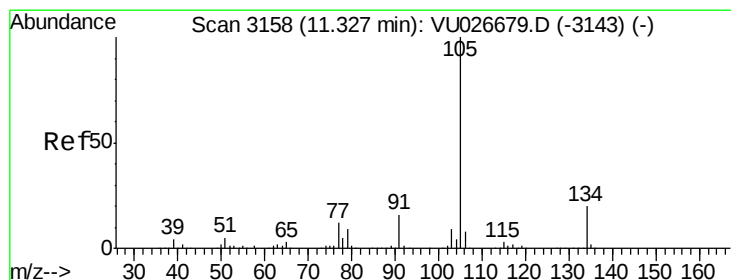
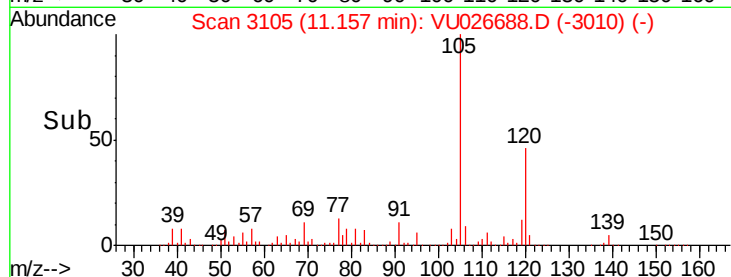
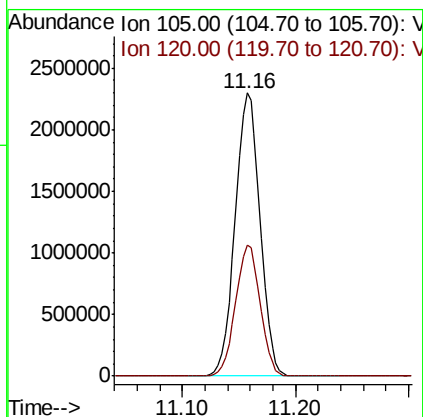
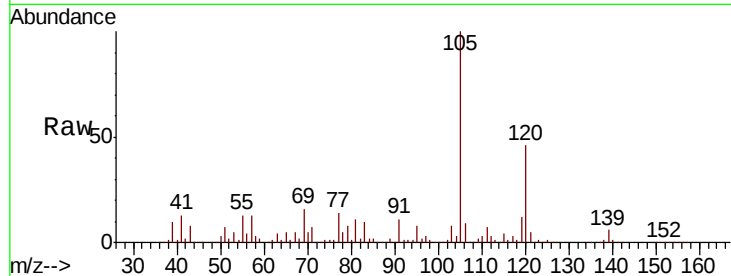




#84
1,2,4-Trimethylbenzene
Concen: 397.655 ug/l
RT: 11.16 min Scan# 3105
Delta R.T. 0.01 min
Lab File: VU026688.D
Acq: 11 Sep 2018 18:58

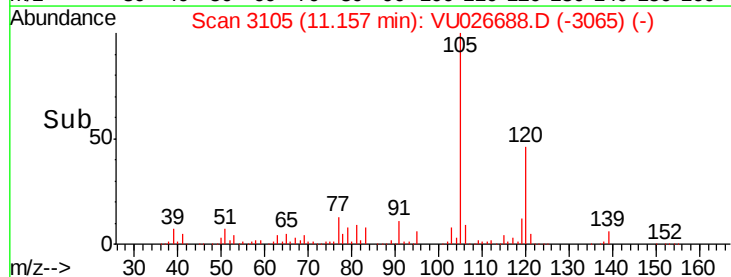
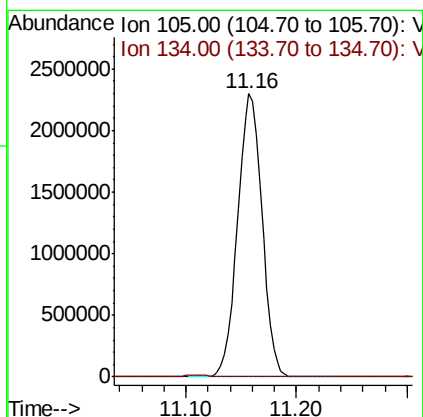
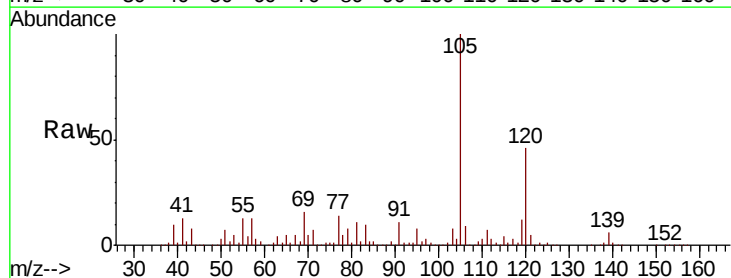
Instrument :
MSVOA_U
ClientSampleId :
EP1-Q2-H7ME

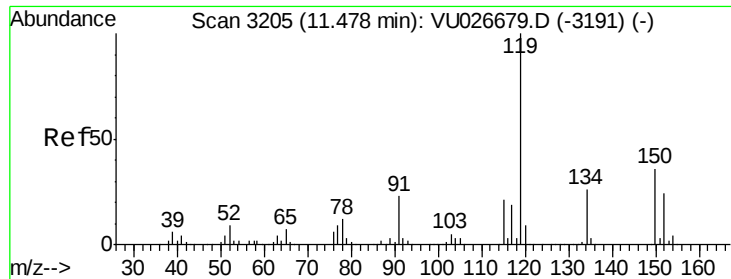
Tgt Ion:105 Resp: 3509450
Ion Ratio Lower Upper
105 100
120 46.0 23.3 69.8



#85
sec-Butylbenzene
Concen: 332.813 ug/l
RT: 11.16 min Scan# 3105
Delta R.T. -0.17 min
Lab File: VU026688.D
Acq: 11 Sep 2018 18:58

Tgt Ion:105 Resp: 3509600
Ion Ratio Lower Upper
105 100
134 0.0 10.1 30.1#

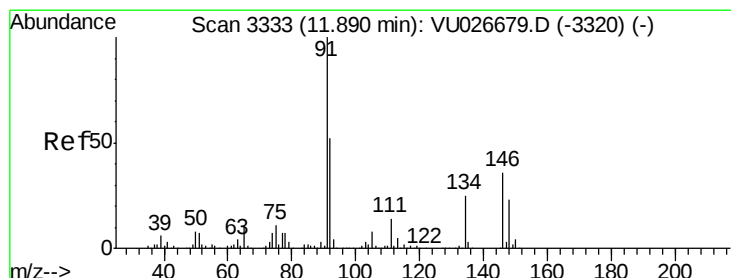
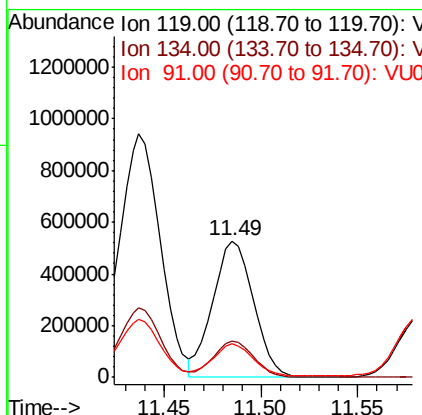
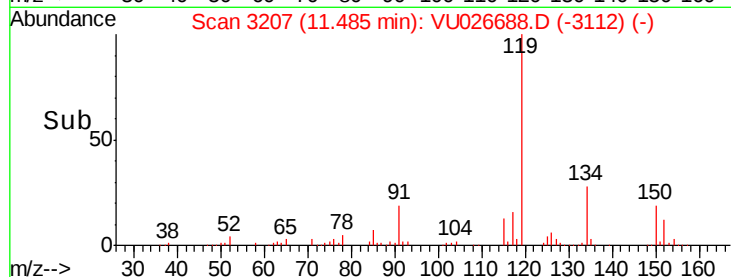
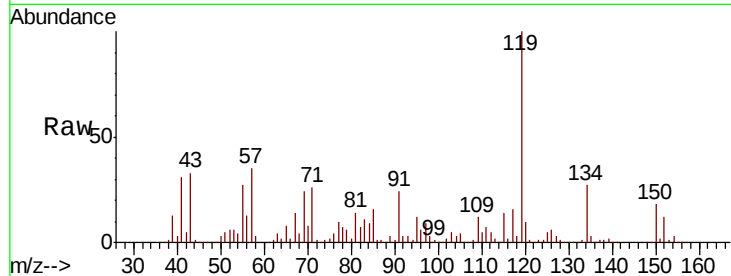




#86
p-Isopropyltoluene
Concen: 75.566 ug/l
RT: 11.49 min Scan# 3207
Delta R.T. 0.01 min
Lab File: VU026688.D
Acq: 11 Sep 2018 18:58

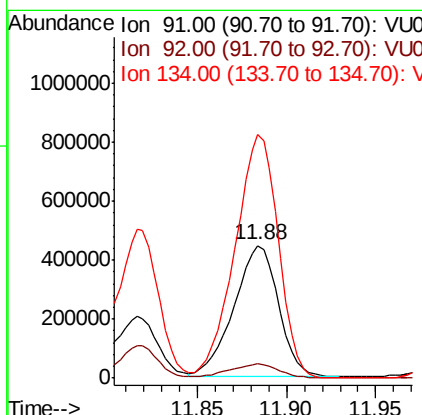
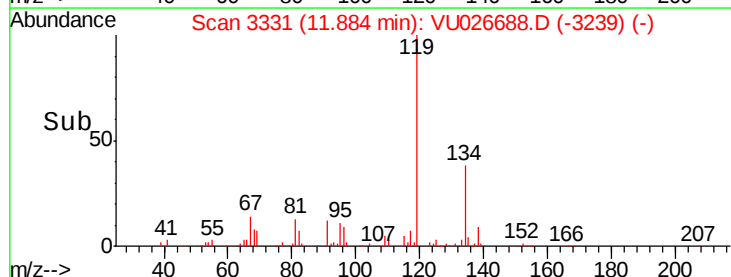
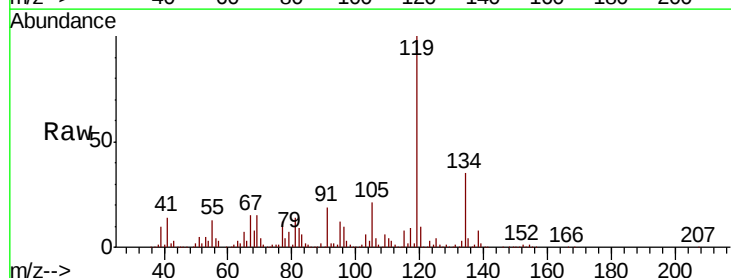
Instrument :
MSVOA_U
ClientSampleId :
EP1-Q2-H7ME

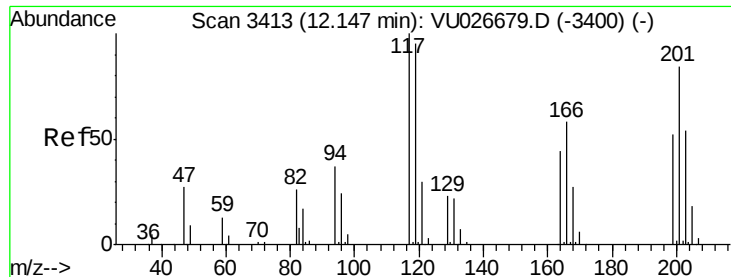
Tgt Ion: 119 Resp: 771603
Ion Ratio Lower Upper
119 100
134 26.7 13.2 39.5
91 22.2 11.6 34.8



#89
n-Butylbenzene
Concen: 81.385 ug/l
RT: 11.88 min Scan# 3331
Delta R.T. -0.01 min
Lab File: VU026688.D
Acq: 11 Sep 2018 18:58

Tgt Ion: 91 Resp: 769824
Ion Ratio Lower Upper
91 100
92 11.9 25.8 77.3#
134 181.5 12.6 37.8#

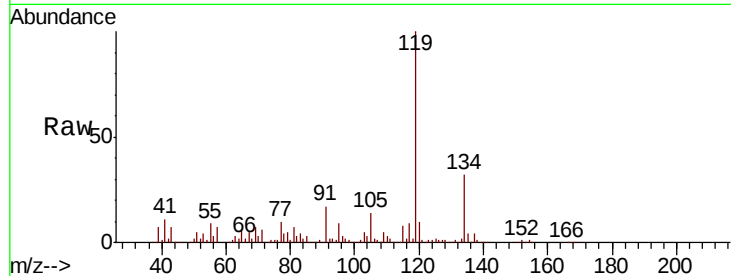




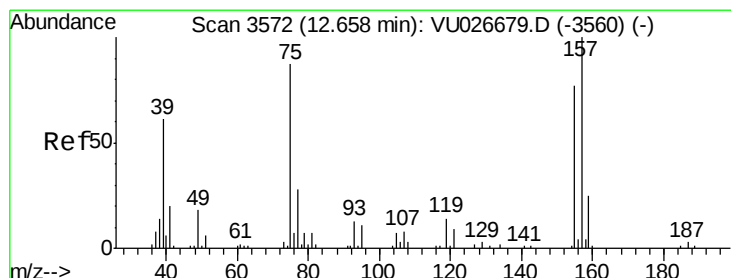
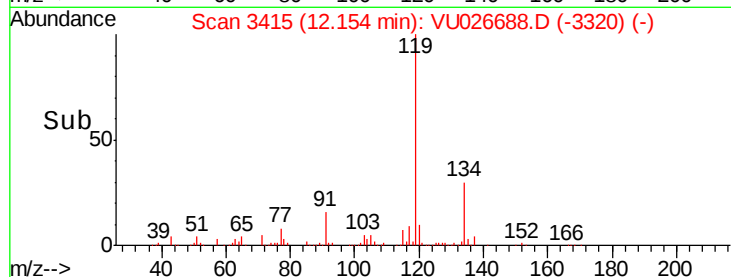
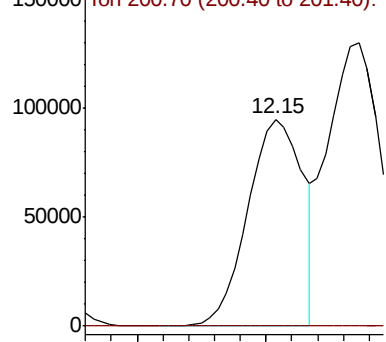
#90
Hexachloroethane
Concen: 75.674 ug/l
RT: 12.15 min Scan# 3415
Delta R.T. 0.01 min
Lab File: VU026688.D
Acq: 11 Sep 2018 18:58

Instrument :
MSVOA_U
ClientSampleId :
EP1-Q2-H7ME

Tgt Ion:117 Resp: 140814
Ion Ratio Lower Upper
117 100
201 0.0 42.4 127.1#

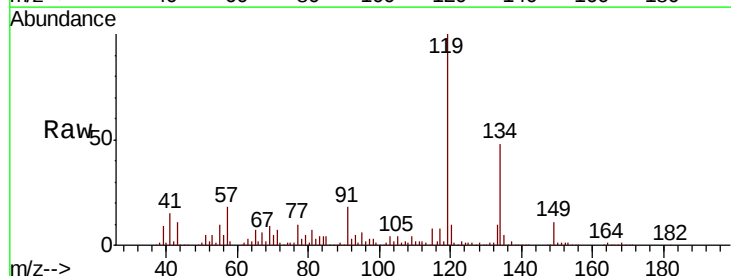


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

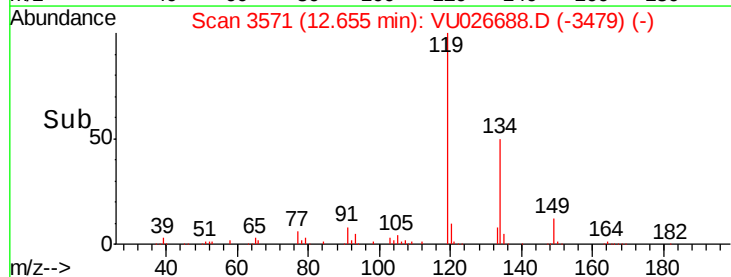
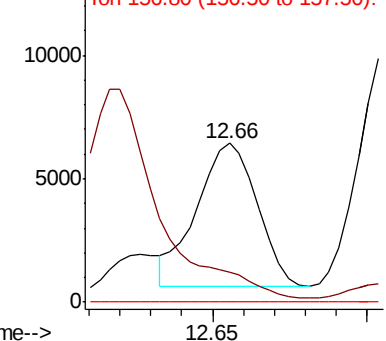


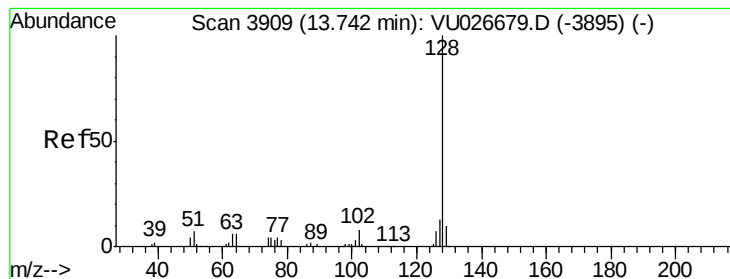
#92
1,2-Dibromo-3-Chloropropane
Concen: 9.374 ug/l
RT: 12.66 min Scan# 3571
Delta R.T. -0.00 min
Lab File: VU026688.D
Acq: 11 Sep 2018 18:58

Tgt Ion: 75 Resp: 7973
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





#95

Naphthalene

Concen: 5.721 ug/l

RT: 13.74 min Scan# 3909

Delta R.T. 0.00 min

Lab File: VU026688.D

Acq: 11 Sep 2018 18:58

Instrument :

MSVOA_U

ClientSampleId :

EP1-Q2-H7ME

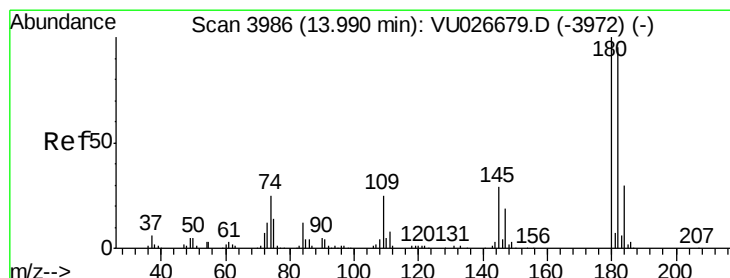
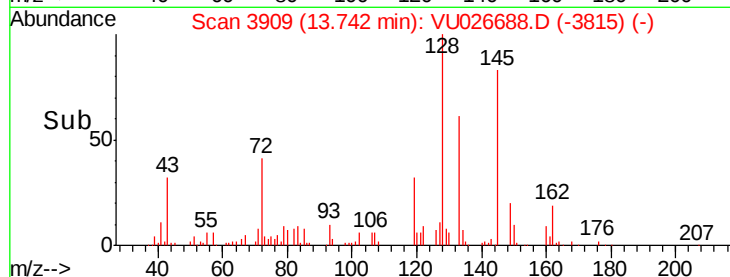
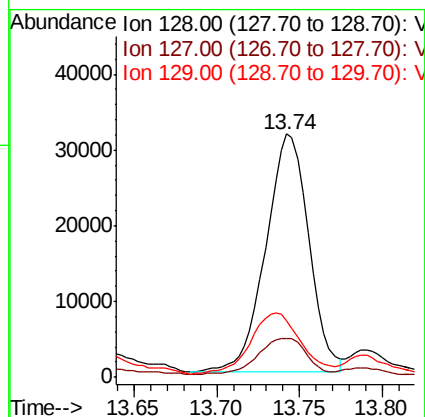
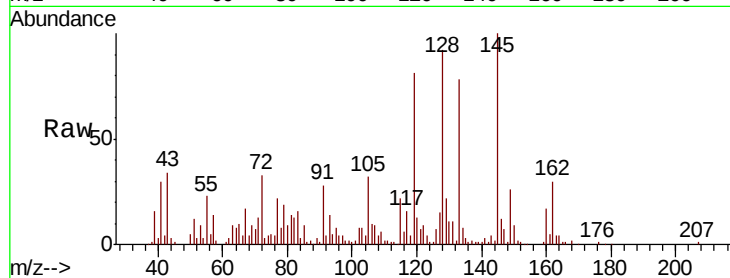
Tgt Ion:128 Resp: 56973

Ion Ratio Lower Upper

128 100

127 16.6 10.4 15.6#

129 29.5 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: VU026688.D

Acq: 11 Sep 2018 18:58

Tgt Ion:180 Resp: 775

Ion Ratio Lower Upper

180 100

182 85.2 47.9 143.7

145 0.0 14.9 44.9#

