

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU010519\
 Data File : VU029039.D
 Acq On : 04 Jan 2019 19:55
 Operator : MD/SY
 Sample : K1053-01 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COMP-1-DRUM

Quant Time: Jan 05 04:40:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 04 02:22:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	114127	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	193150	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	179988	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	75894	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.30	65	74720	52.96	ug/l	0.00
Spiked Amount			Recovery	=	105.92%	
35) Dibromofluoromethane	4.88	113	66460	53.08	ug/l	0.00
Spiked Amount			Recovery	=	106.16%	
50) Toluene-d8	7.56	98	245964	49.76	ug/l	0.00
Spiked Amount			Recovery	=	99.52%	
62) 4-Bromofluorobenzene	10.30	95	80827	45.50	ug/l	0.00
Spiked Amount			Recovery	=	91.00%	

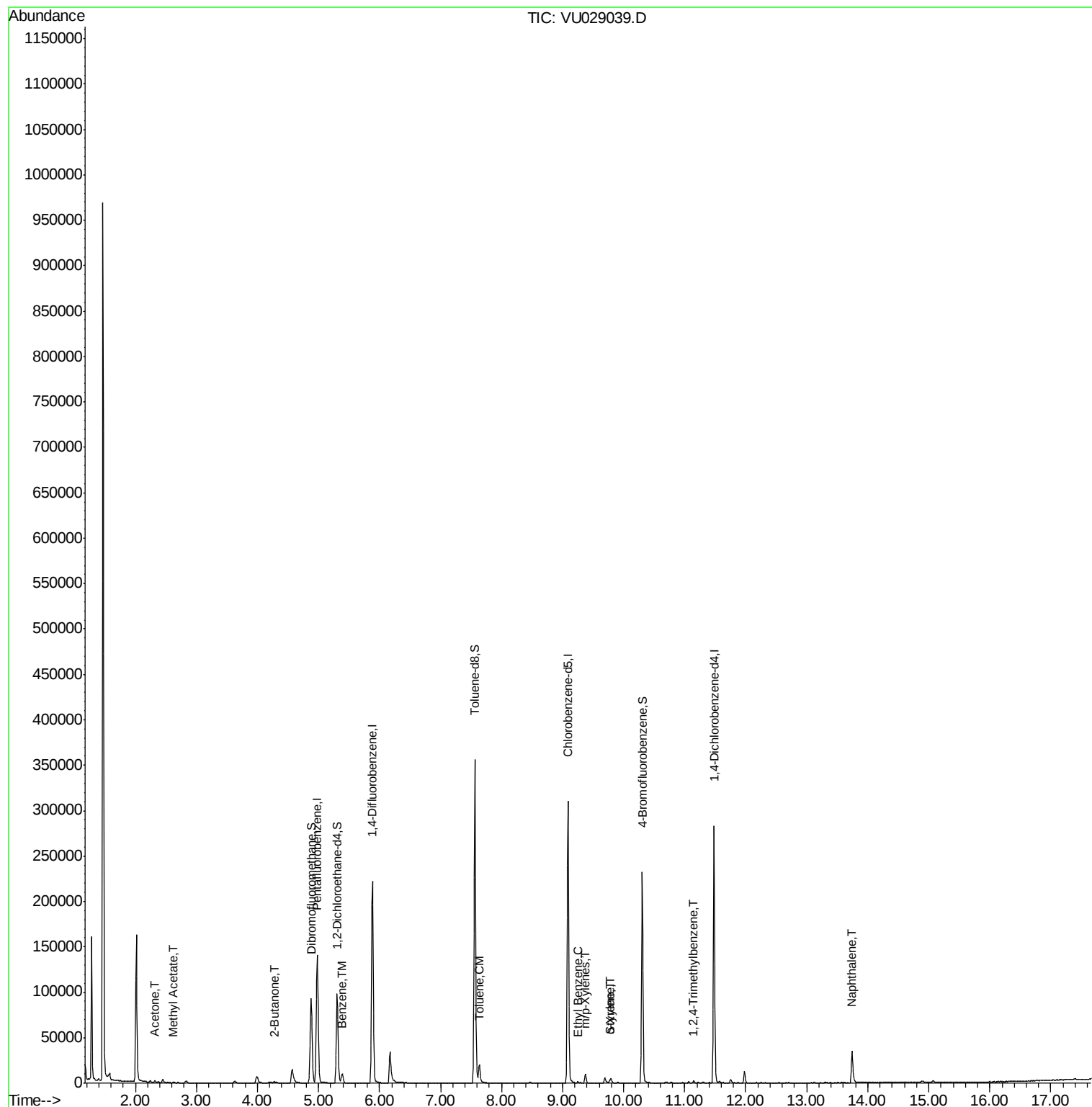
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.32	43	2635	2.965	ug/l	94
18) Methyl Acetate	2.62	43	1441	0.697	ug/l	92
25) 2-Butanone	4.28	43	3355	2.795	ug/l	91
40) Benzene	5.39	78	10837	1.800	ug/l	97
52) Toluene	7.64	92	7828	2.135	ug/l	91
67) Ethyl Benzene	9.25	91	1727	0.256	ug/l	96
68) m/p-Xylenes	9.37	106	2218	0.847	ug/l	97
69) o-Xylene	9.78	106	1009	0.400	ug/l	98
70) Styrene	9.80	104	2218	0.537	ug/l	90
84) 1,2,4-Trimethylbenzene	11.15	105	1971	0.421	ug/l	88
95) Naphthalene	13.74	128	33118	5.639	ug/l	99

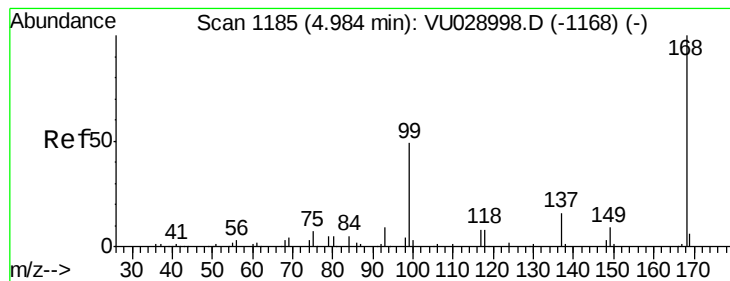
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Jan 04 02:22:53 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. -0.00 min

Lab File: VU029039.D

Acq: 04 Jan 2019 19:55

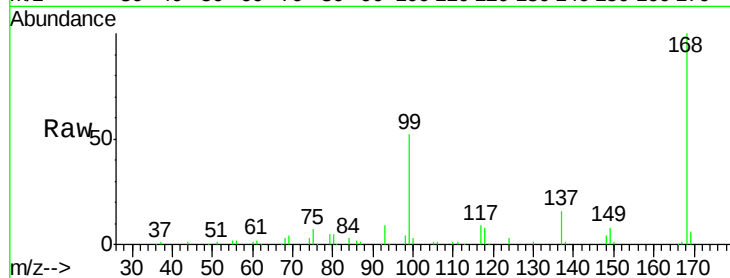
Instrument :
MSVOA_U
ClientSampleId :
COMP-1-DRUM

Tot Ion:168 Resp: 114127

Ion Ratio Lower Upper

168 100

99 52.1 42.0 63.0

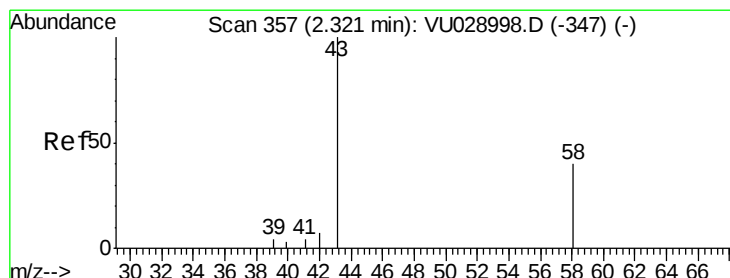
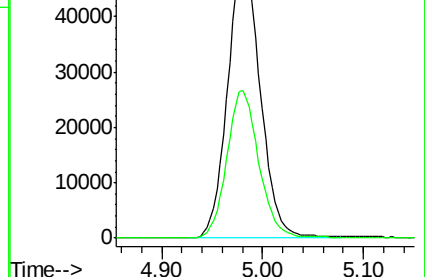
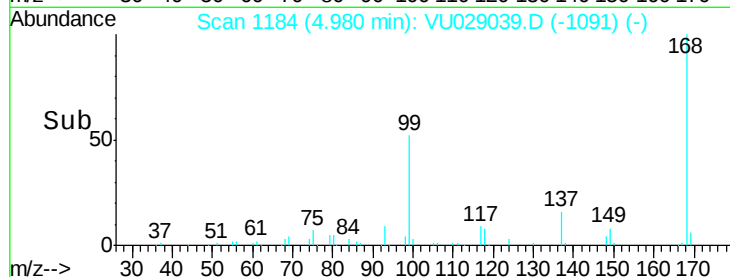


Abundance Ion 167.90 (167.60 to 168.60): VU028998.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU028998.D (-1168) (-)

4.98

Time-->



#16

Acetone

Concen: 2.965 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU029039.D

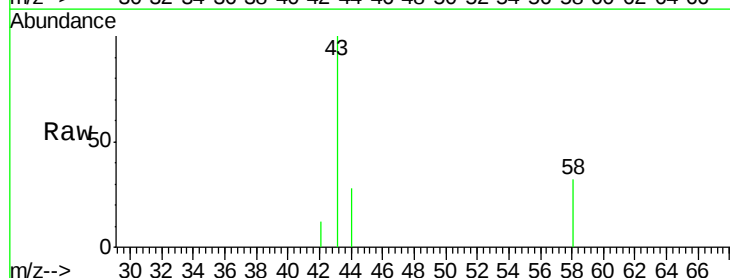
Acq: 04 Jan 2019 19:55

Tgt Ion: 43 Resp: 2635

Ion Ratio Lower Upper

43 100

58 32.3 28.6 42.8

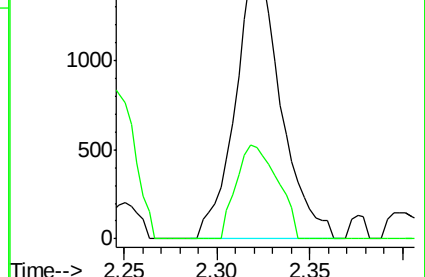
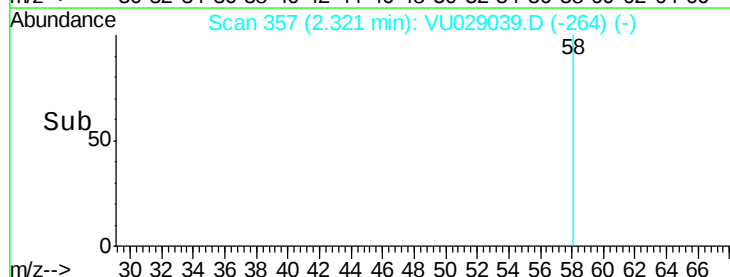


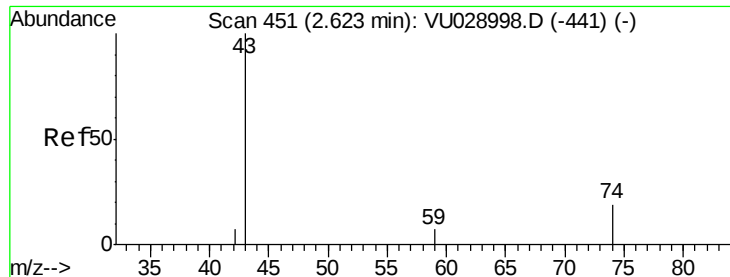
Abundance Ion 43.00 (42.70 to 43.70): VU028998.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VU028998.D (-347) (-)

2.32

Time-->

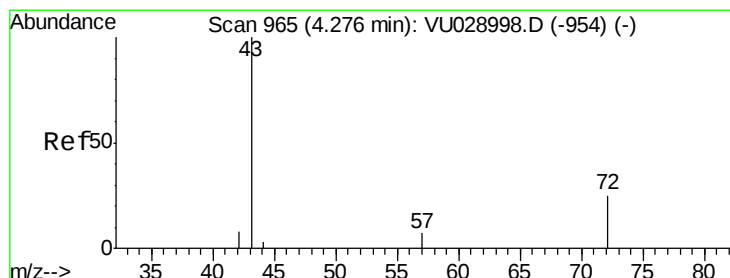
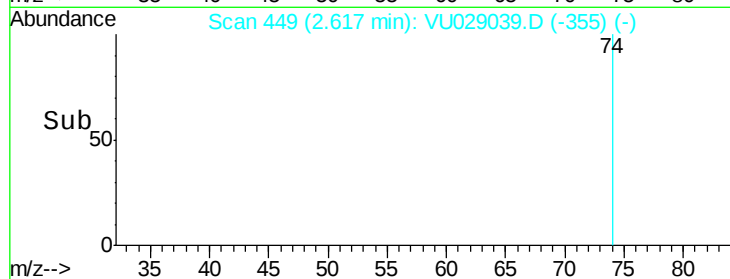
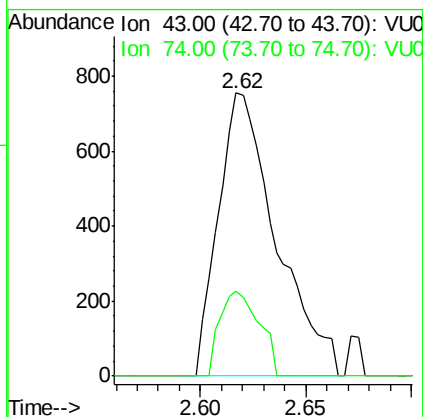
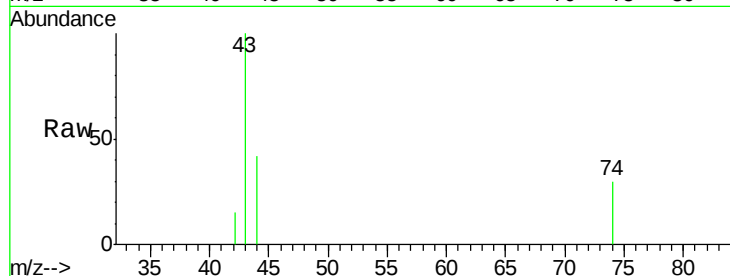




#18
Methyl Acetate
Concen: 0.697 ug/l
RT: 2.62 min Scan# 449
Delta R.T. 0.00 min
Lab File: VU029039.D
Acq: 04 Jan 2019 19:55

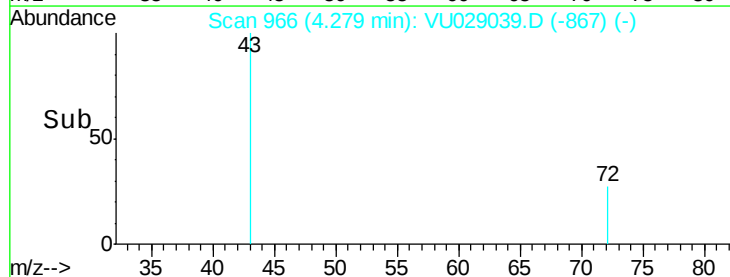
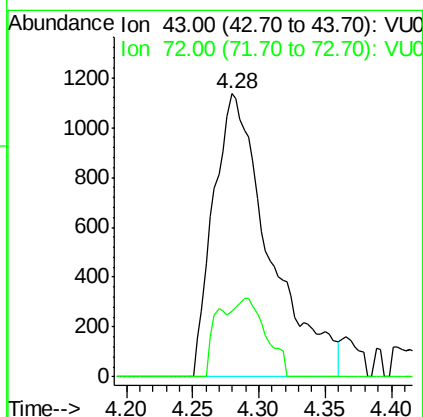
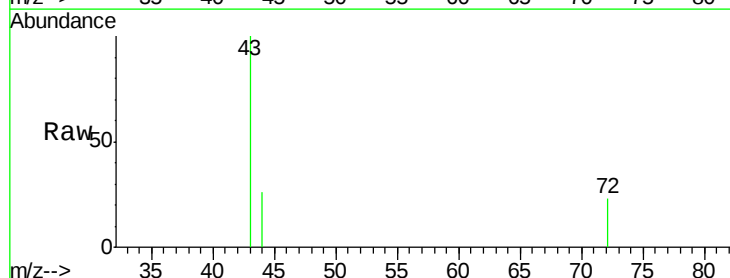
Instrument :
MSVOA_U
ClientSampleId :
COMP-1-DRUM

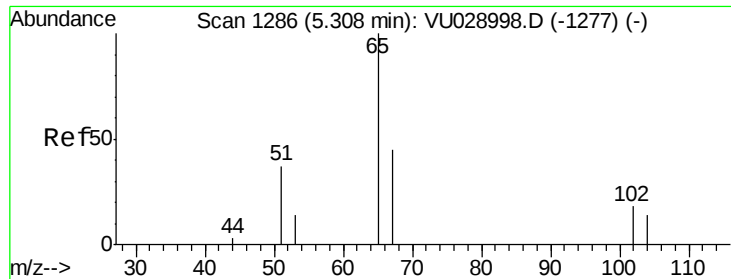
Tot Ion: 43 Resp: 1441
Ion Ratio Lower Upper
43 100
74 20.3 19.5 29.3



#25
2-Butanone
Concen: 2.795 ug/l
RT: 4.28 min Scan# 966
Delta R.T. 0.02 min
Lab File: VU029039.D
Acq: 04 Jan 2019 19:55

Tgt Ion: 43 Resp: 3355
Ion Ratio Lower Upper
43 100
72 23.3 22.6 33.8





#33

1,2-Dichloroethane-d4

Concen: 52.962 ug/l

RT: 5.30 min Scan# 1285

Delta R.T. -0.00 min

Lab File: VU029039.D

Acq: 04 Jan 2019 19:55

Instrument :

MSVOA_U

ClientSampleId :

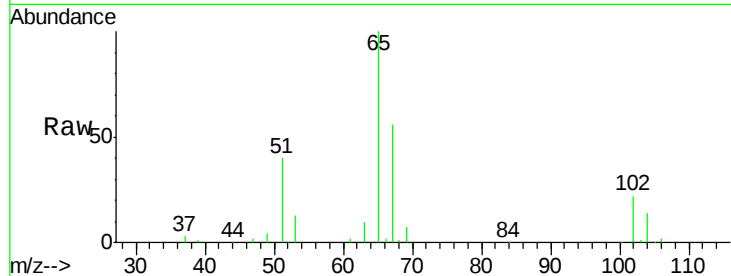
COMP-1-DRUM

Tot Ion: 65 Resp: 74720

Ion Ratio Lower Upper

65 100

67 55.9 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VU028998.D (-1277) (-)

Ion 66.90 (66.60 to 67.60): VU028998.D (-1277) (-)

5.30

40000

30000

20000

10000

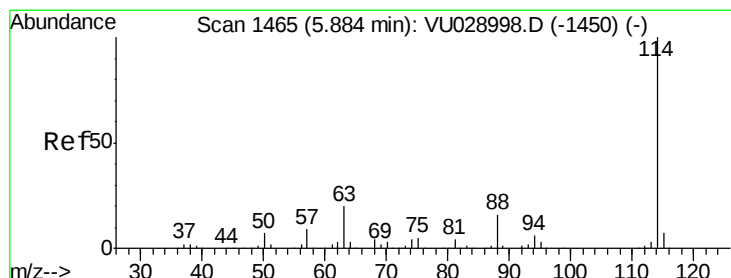
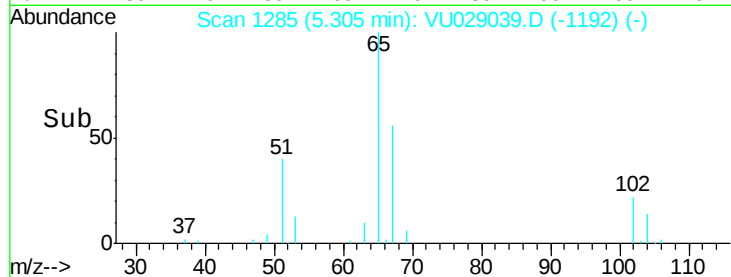
0

Time-->

5.20

5.30

5.40



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.88 min Scan# 1465

Delta R.T. -0.00 min

Lab File: VU029039.D

Acq: 04 Jan 2019 19:55

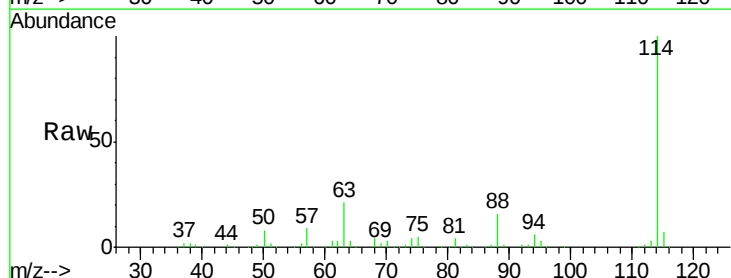
Tgt Ion: 114 Resp: 193150

Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.2

88 15.6 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): VU028998.D (-1450) (-)

Ion 63.00 (62.70 to 63.70): VU028998.D (-1450) (-)

Ion 87.90 (87.60 to 88.60): VU028998.D (-1450) (-)

5.88

100000

50000

0

Time-->

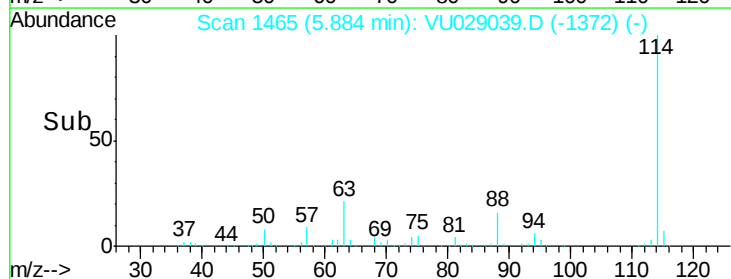
5.80

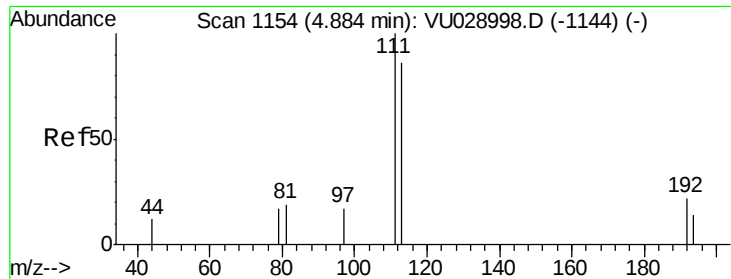
5.85

5.90

5.95

6.00

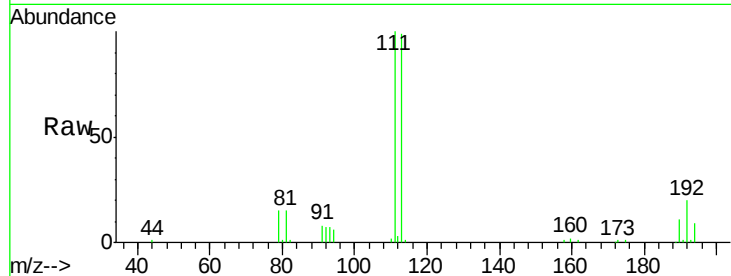




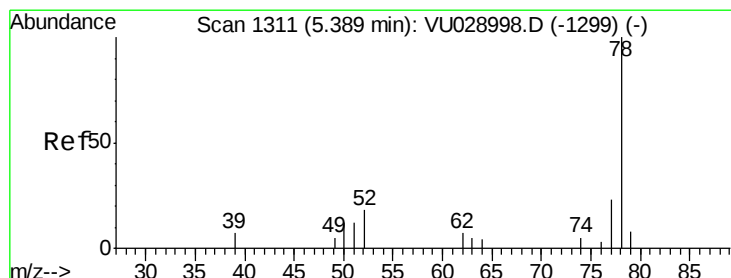
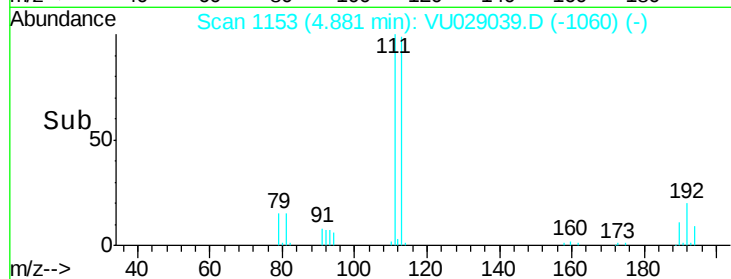
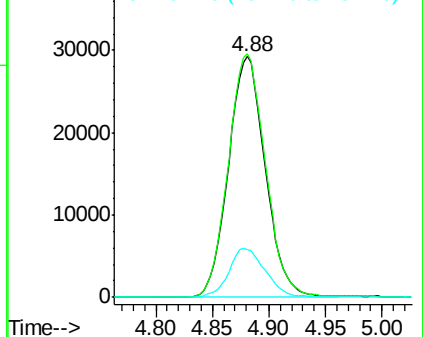
#35
Dibromofluoromethane
Concen: 53.081 ug/l
RT: 4.88 min Scan# 1153
Delta R.T. -0.00 min
Lab File: VU029039.D
Acq: 04 Jan 2019 19:55

Instrument :
MSVOA_U
ClientSampleId :
COMP-1-DRUM

Tot Ion:113 Resp: 66460
Ion Ratio Lower Upper
113 100
111 101.7 81.4 122.2
192 20.0 16.8 25.2

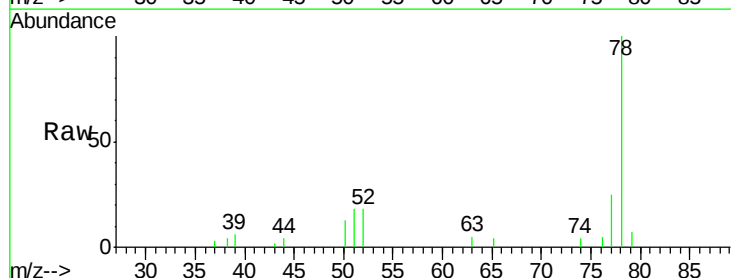


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

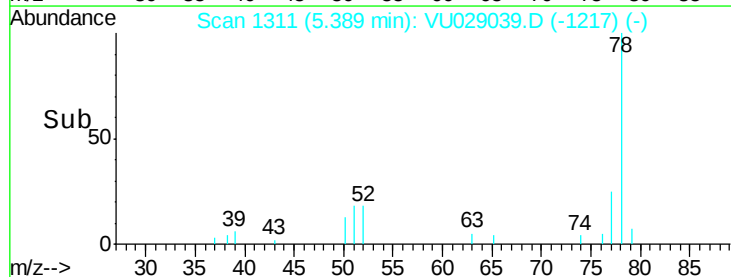
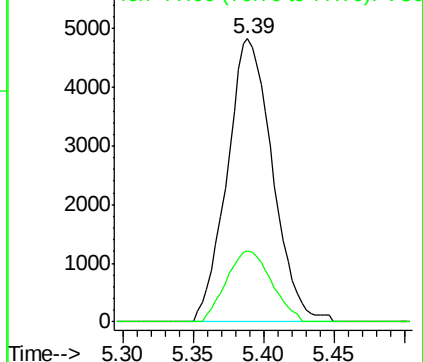


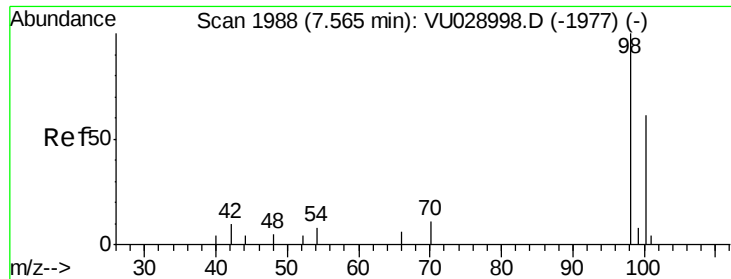
#40
Benzene
Concen: 1.800 ug/l
RT: 5.39 min Scan# 1311
Delta R.T. 0.00 min
Lab File: VU029039.D
Acq: 04 Jan 2019 19:55

Tgt Ion: 78 Resp: 10837
Ion Ratio Lower Upper
78 100
77 25.0 18.9 28.3



Abundance Ion 78.00 (77.70 to 78.70): VU0
Ion 77.00 (76.70 to 77.70): VU0

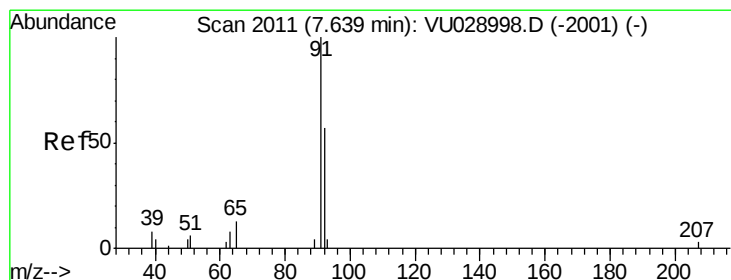
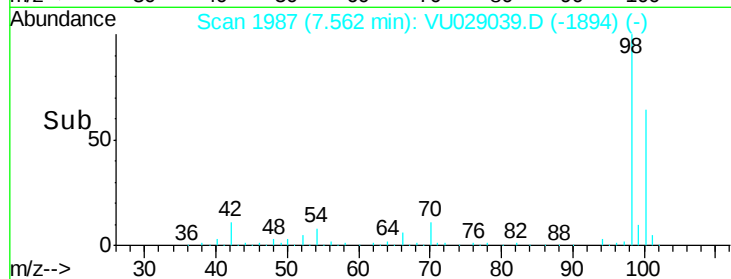
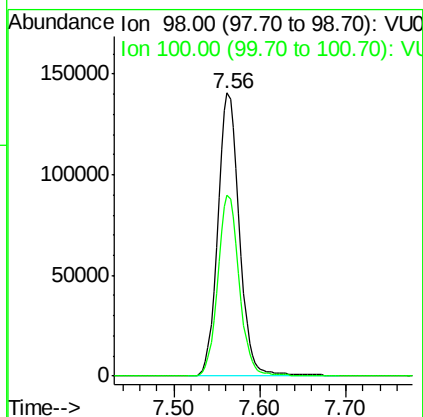
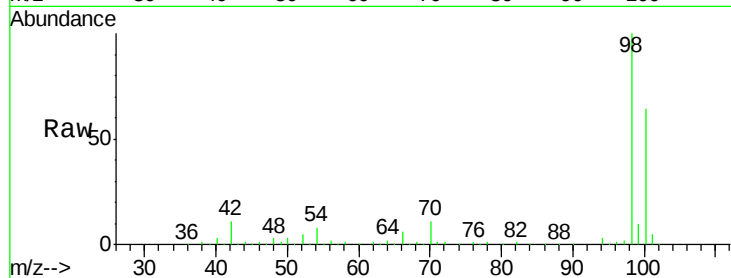




#50
Toluene-d8
Concen: 49.761 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. -0.00 min
Lab File: VU029039.D
Acq: 04 Jan 2019 19:55

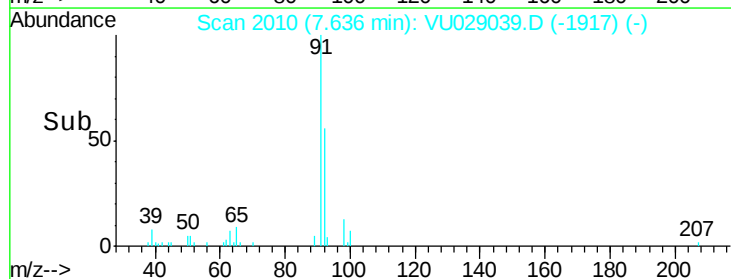
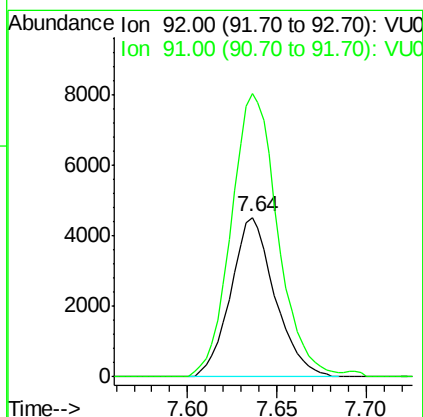
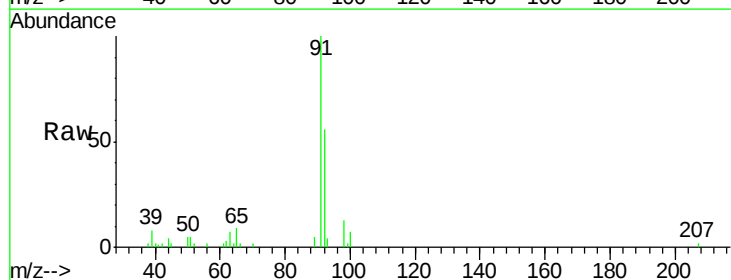
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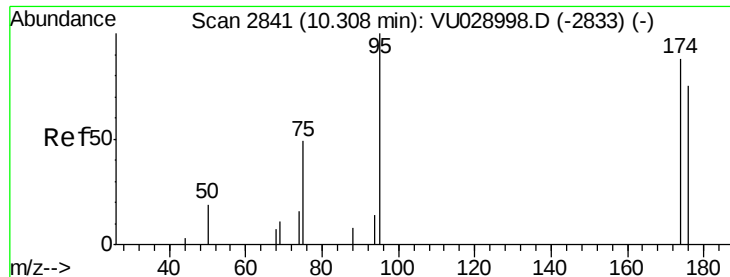
Tot Ion: 98 Resp: 245964
Ion Ratio Lower Upper
98 100
100 63.4 51.6 77.4



#52
Toluene
Concen: 2.135 ug/l
RT: 7.64 min Scan# 2010
Delta R.T. -0.00 min
Lab File: VU029039.D
Acq: 04 Jan 2019 19:55

Tgt Ion: 92 Resp: 7828
Ion Ratio Lower Upper
92 100
91 186.9 139.8 209.8

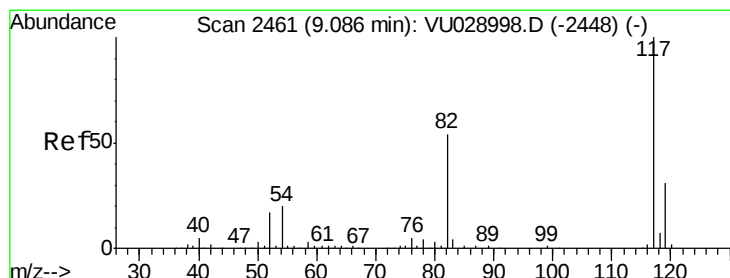
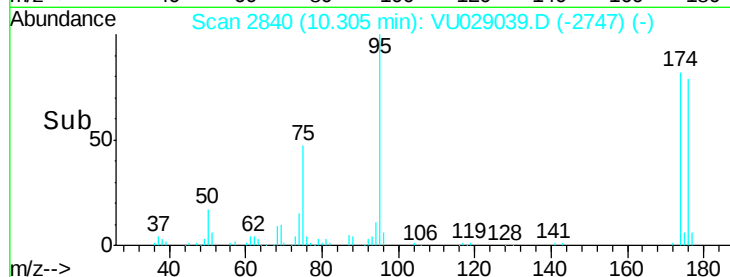
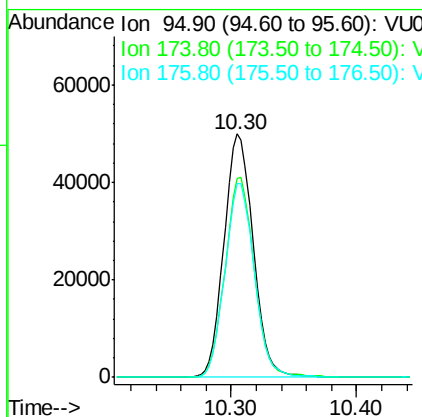
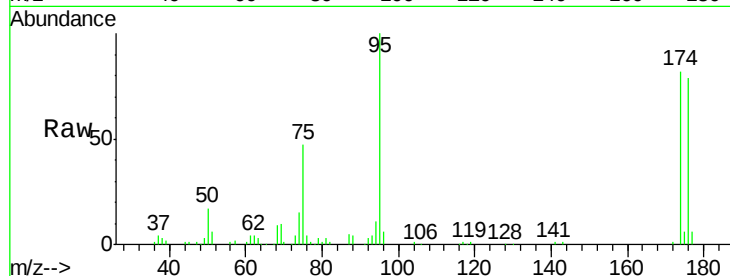




#62
4-Bromofluorobenzene
Concen: 45.500 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VU029039.D
Acq: 04 Jan 2019 19:55

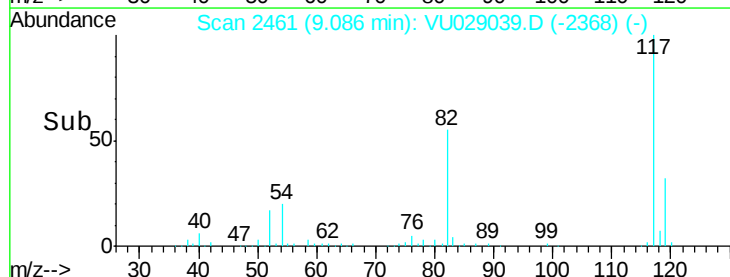
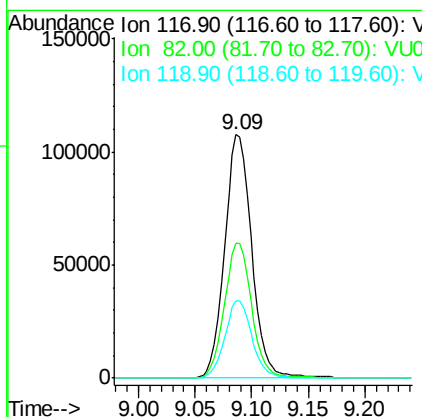
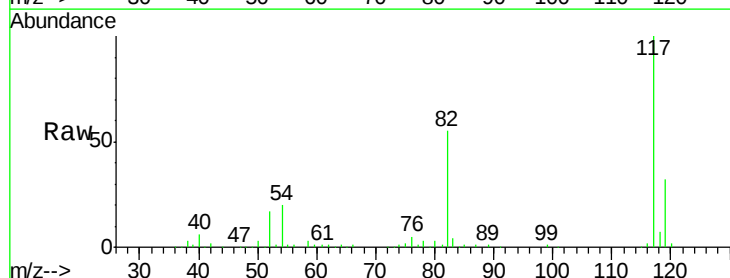
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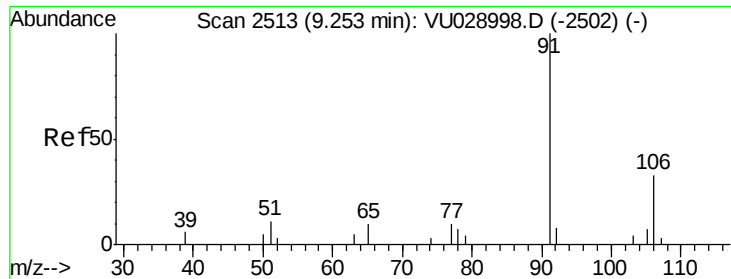
Tot Ion: 95 Resp: 80827
Ion Ratio Lower Upper
95 100
174 82.2 0.0 170.6
176 80.1 0.0 165.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2461
Delta R.T. -0.00 min
Lab File: VU029039.D
Acq: 04 Jan 2019 19:55

Tgt Ion: 117 Resp: 179988
Ion Ratio Lower Upper
117 100
82 55.2 43.9 65.9
119 31.9 26.0 39.0

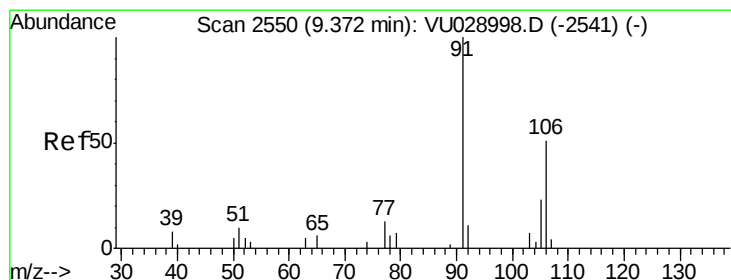
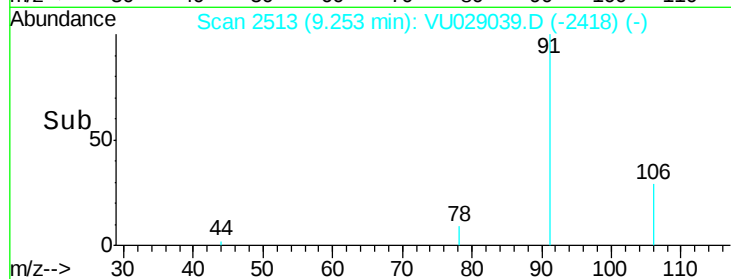
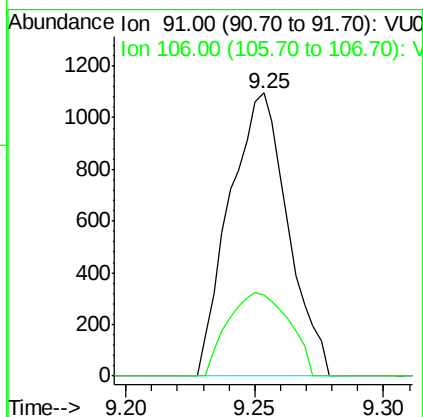
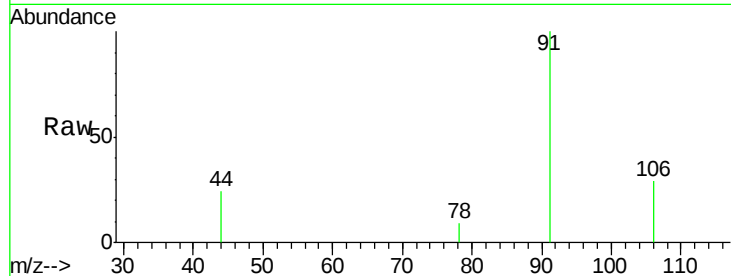




#67
Ethyl Benzene
Concen: 0.256 ug/l
RT: 9.25 min Scan# 2513
Delta R.T. 0.01 min
Lab File: VU029039.D
Acq: 04 Jan 2019 19:55

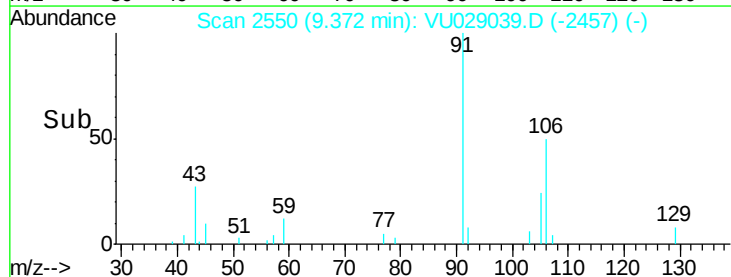
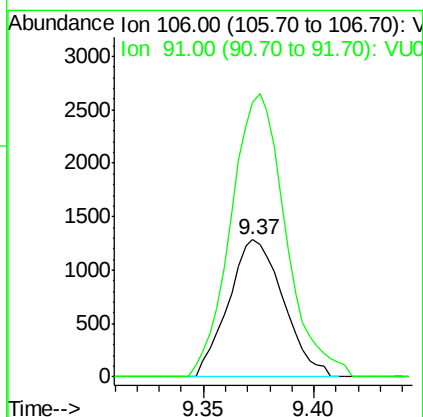
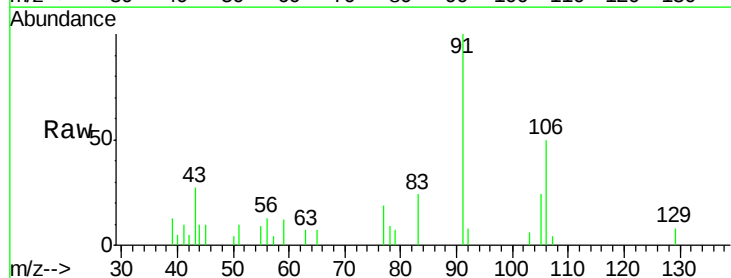
Instrument :
MSVOA_U
ClientSampleId :
COMP-1-DRUM

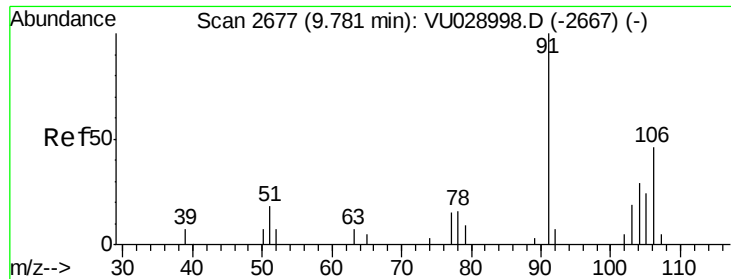
Tot Ion: 91 Resp: 1727
Ion Ratio Lower Upper
91 100
106 28.9 25.0 37.4



#68
m/p-Xylenes
Concen: 0.847 ug/l
RT: 9.37 min Scan# 2550
Delta R.T. -0.00 min
Lab File: VU029039.D
Acq: 04 Jan 2019 19:55

Tgt Ion: 106 Resp: 2218
Ion Ratio Lower Upper
106 100
91 206.3 161.7 242.5

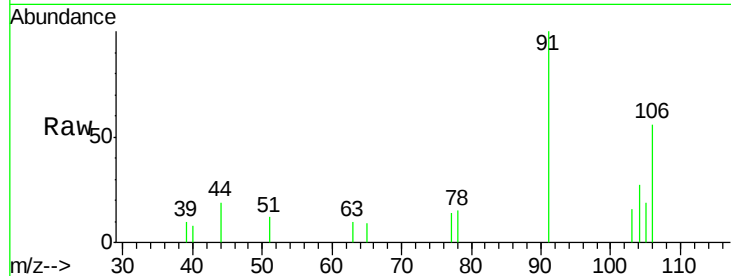




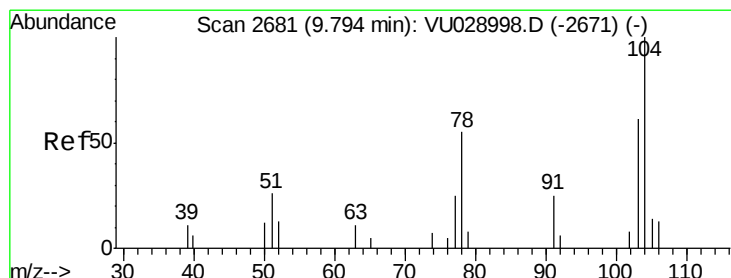
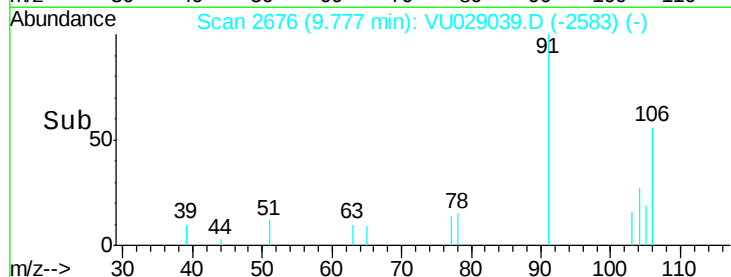
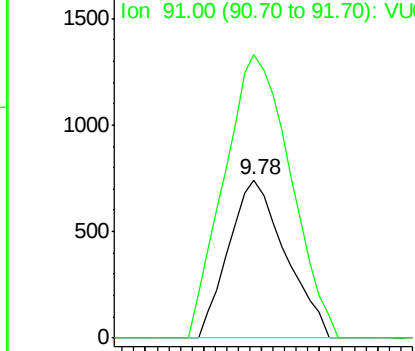
#69
o-Xylene
Concen: 0.400 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. -0.00 min
Lab File: VU029039.D
Acq: 04 Jan 2019 19:55

Instrument :
MSVOA_U
ClientSampleId :
COMP-1-DRUM

Tot Ion:106 Resp: 1009
Ion Ratio Lower Upper
106 100
91 208.8 106.1 318.3

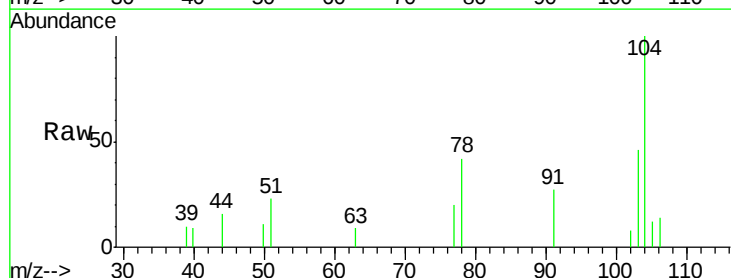


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

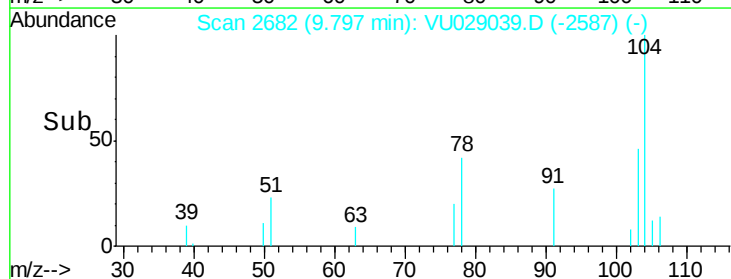
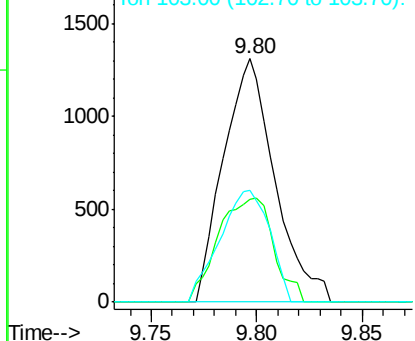


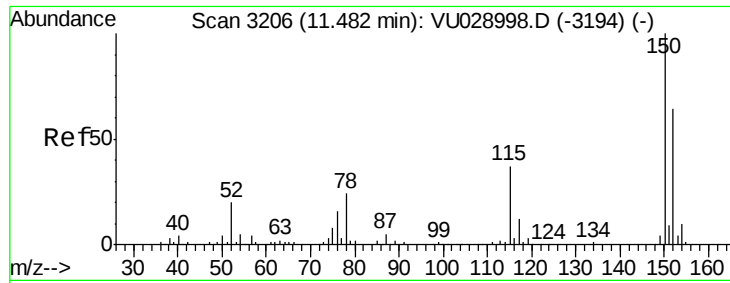
#70
Styrene
Concen: 0.537 ug/l
RT: 9.80 min Scan# 2682
Delta R.T. 0.01 min
Lab File: VU029039.D
Acq: 04 Jan 2019 19:55

Tgt Ion:104 Resp: 2218
Ion Ratio Lower Upper
104 100
78 45.9 38.6 58.0
103 44.6 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: 11.48 min Scan# 3206

Delta R.T. -0.00 min

Lab File: VU029039.D

Acq: 04 Jan 2019 19:55

Instrument :

MSVOA_U

ClientSampleId :

COMP-1-DRUM

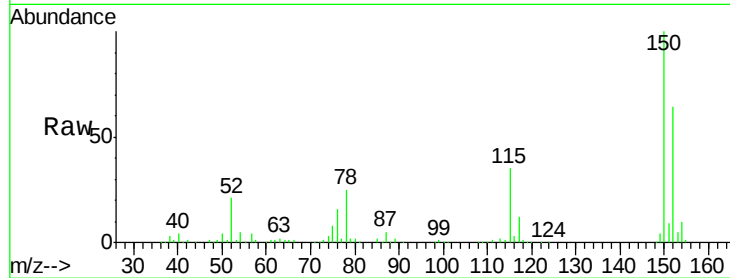
Tot Ion:152 Resp: 75894

Ion Ratio Lower Upper

152 100

115 55.1 40.1 120.3

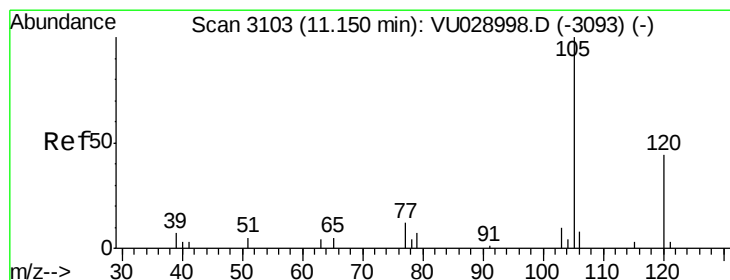
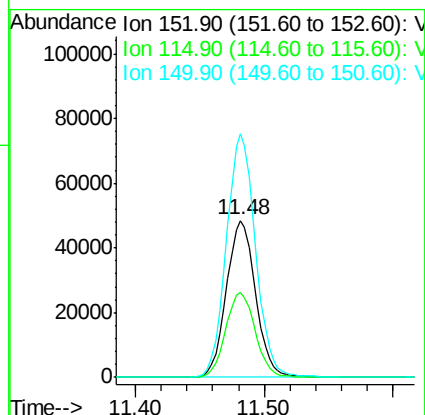
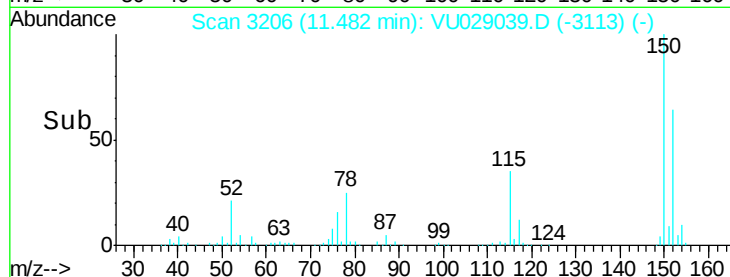
150 155.4 0.0 345.2



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



#84

1,2,4-Trimethylbenzene

Concen: 0.421 ug/l

RT: 11.15 min Scan# 3102

Delta R.T. -0.00 min

Lab File: VU029039.D

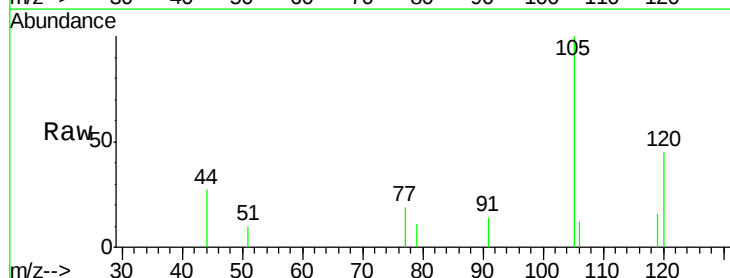
Acq: 04 Jan 2019 19:55

Tgt Ion:105 Resp: 1971

Ion Ratio Lower Upper

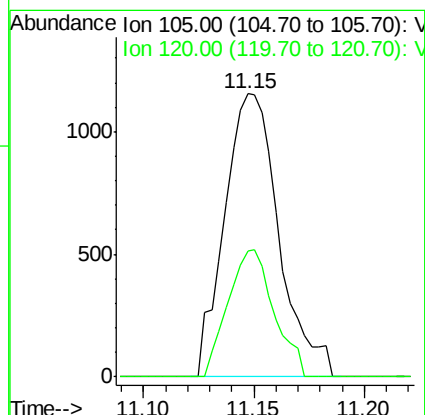
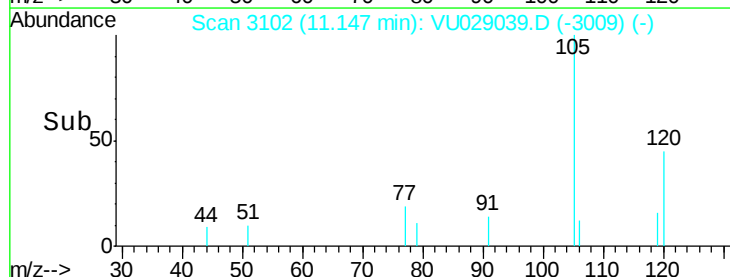
105 100

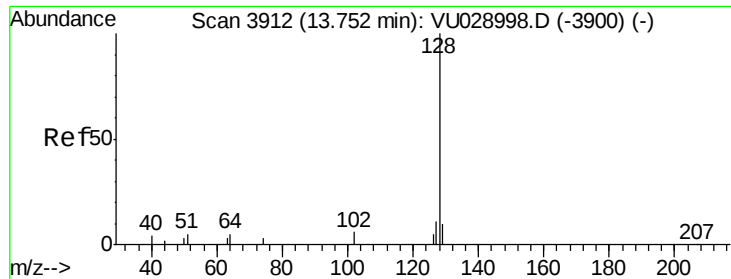
120 38.0 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

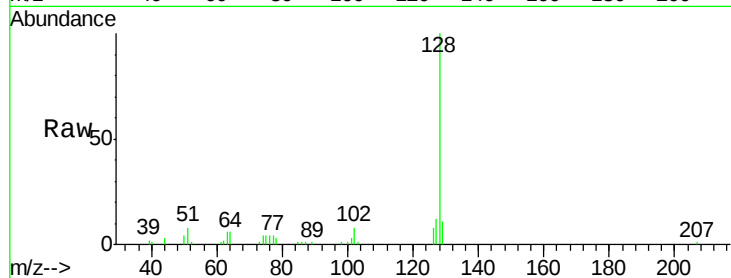




#95
 Naphthalene
 Concen: 5.639 ug/l
 RT: 13.74 min Scan# 3909
 Delta R.T. 0.00 min
 Lab File: VU029039.D
 Acq: 04 Jan 2019 19:55

Instrument :
 MSVOA_U
 ClientSampleId :
 COMP-1-DRUM

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.1	15.1
129	10.1	8.5	12.7



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V

