

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061418\
 Data File : VU024549.D
 Acq On : 14 Jun 2018 18:49
 Operator : MD/SY
 Sample : J3451-03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VB-44949-SLUDGEBOX

Quant Time: Jun 15 04:53:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	188994	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	316456	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	299641	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	177296	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.32	65	140267	45.46	ug/l	0.00
Spiked Amount			Recovery	=	90.92%	
35) Dibromofluoromethane	4.89	113	127714	48.63	ug/l	0.00
Spiked Amount			Recovery	=	97.26%	
50) Toluene-d8	7.57	98	463855	48.42	ug/l	0.00
Spiked Amount			Recovery	=	96.84%	
62) 4-Bromofluorobenzene	10.31	95	178549	46.94	ug/l	0.00
Spiked Amount			Recovery	=	93.88%	

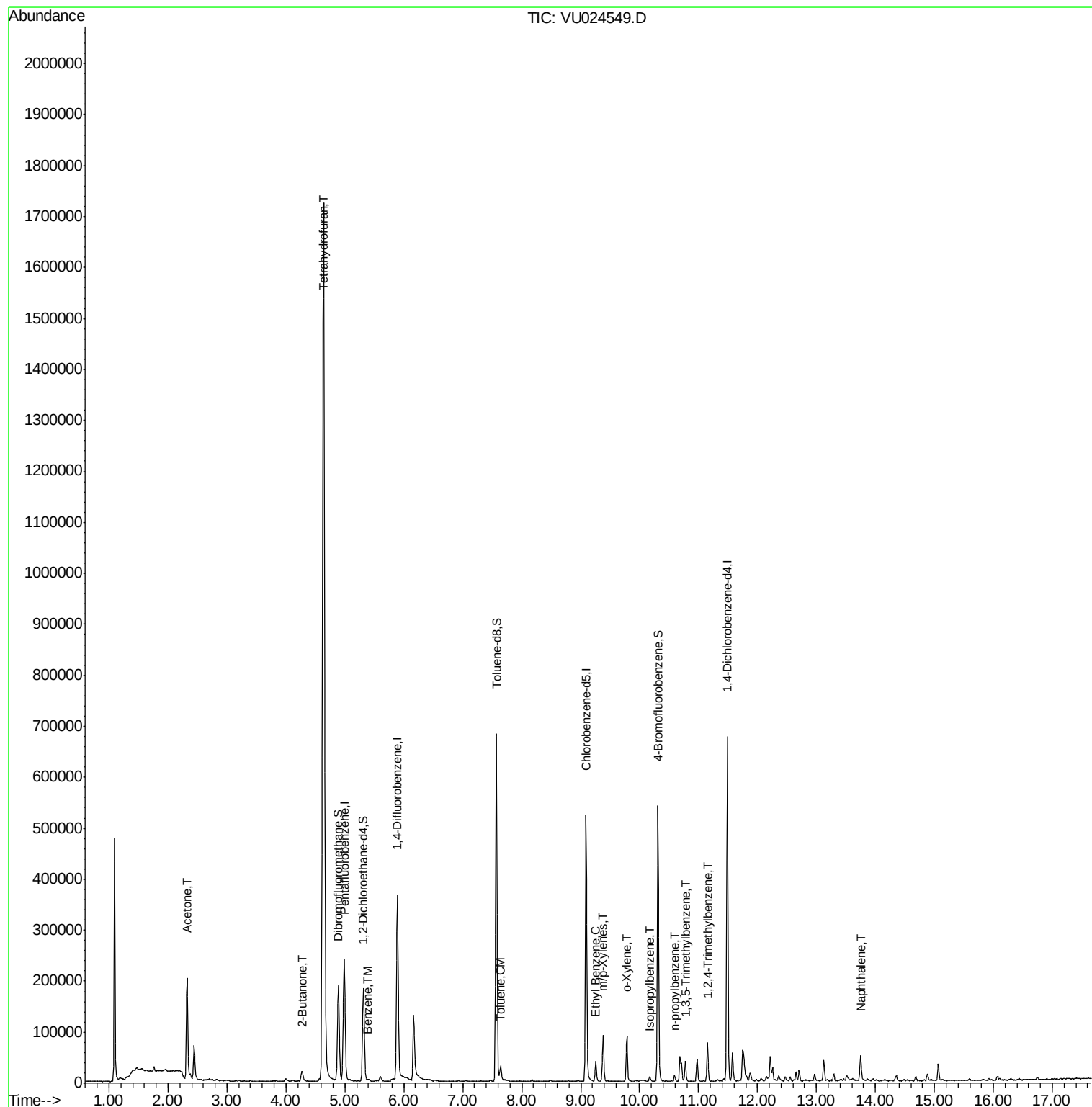
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.32	43	208419	125.723	ug/l	97
25) 2-Butanone	4.27	43	30563	13.725	ug/l	99
29) Tetrahydrofuran	4.64	42	1320948	957.934	ug/l	99
40) Benzene	5.40	78	2960	0.279	ug/l #	89
52) Toluene	7.64	92	11327	1.662	ug/l	94
67) Ethyl Benzene	9.26	91	29069	2.166	ug/l	99
68) m/p-Xylenes	9.38	106	26291	5.102	ug/l	100
69) o-Xylene	9.78	106	23693	4.646	ug/l	94
73) Isopropylbenzene	10.17	105	6925	0.509	ug/l	100
78) n-propylbenzene	10.59	91	10368	0.647	ug/l	100
80) 1,3,5-Trimethylbenzene	10.78	105	20695	1.754	ug/l	97
84) 1,2,4-Trimethylbenzene	11.15	105	41645	3.464	ug/l	97
95) Naphthalene	13.75	128	35463	3.363	ug/l	98

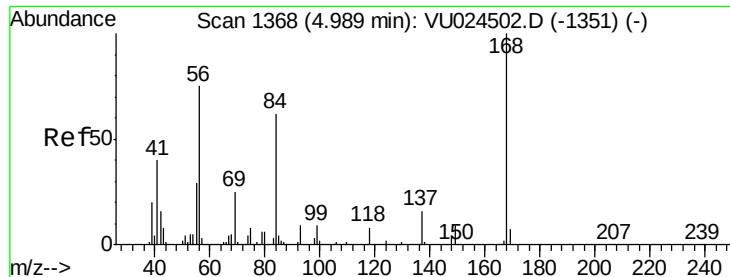
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jun 13 13:55:26 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU024549.D

Acq: 14 Jun 2018 18:49

Instrument :

MSVOA_U

ClientSampleId :

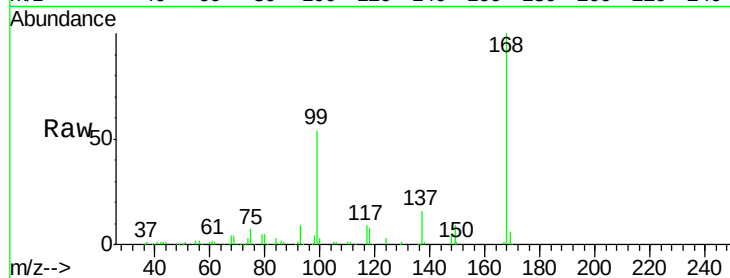
VB-44949-SLUDGEBOX

Tot Ion:168 Resp: 188994

Ion Ratio Lower Upper

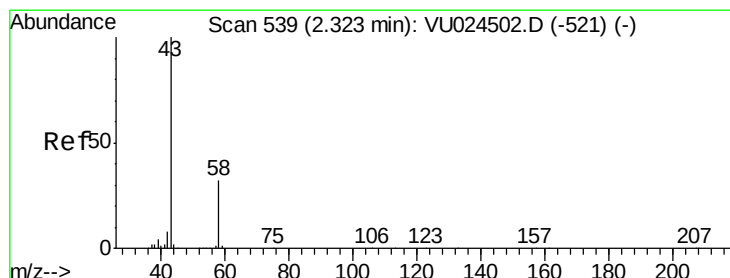
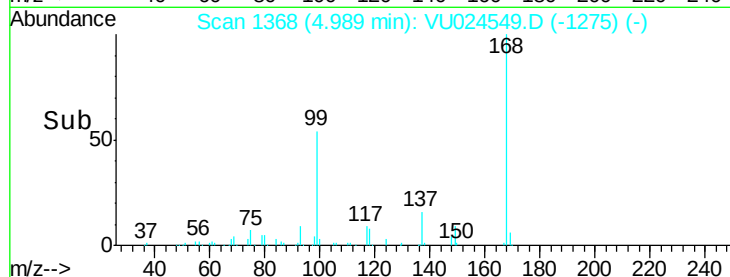
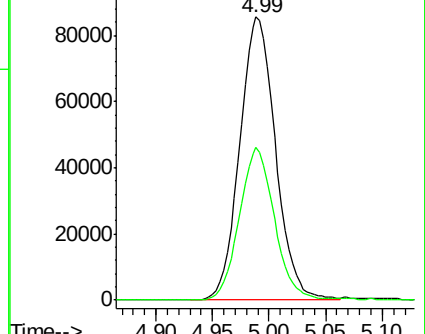
168 100

99 53.8 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU024502.D (-1351) (-)

Ion 98.90 (98.60 to 99.60): VU024502.D (-1351) (-)



#16

Acetone

Concen: 125.723 ug/l

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU024549.D

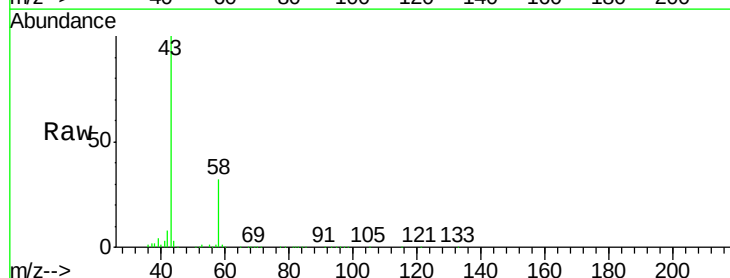
Acq: 14 Jun 2018 18:49

Tgt Ion: 43 Resp: 208419

Ion Ratio Lower Upper

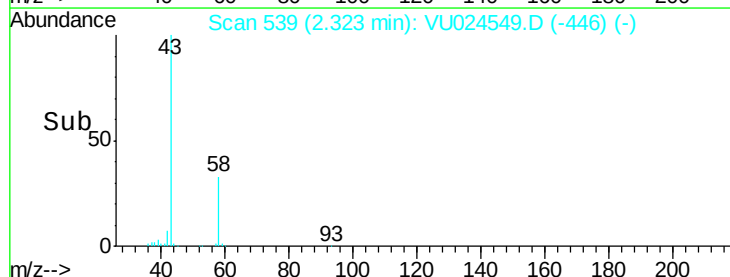
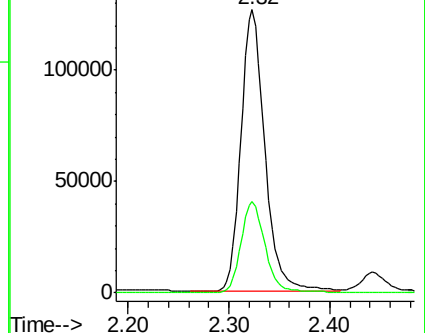
43 100

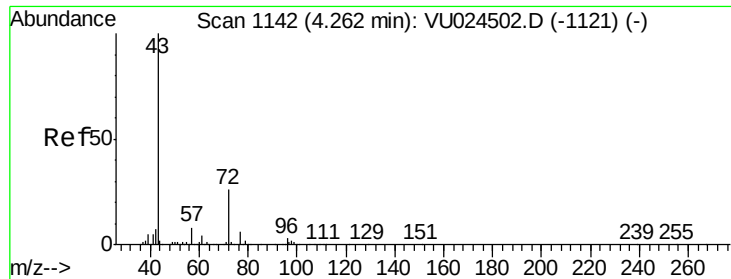
58 32.4 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU024502.D (-521) (-)

Ion 58.00 (57.70 to 58.70): VU024502.D (-521) (-)

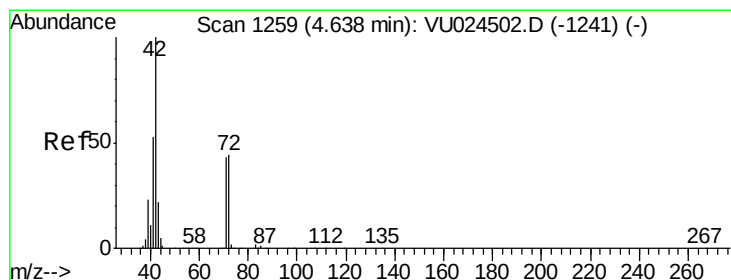
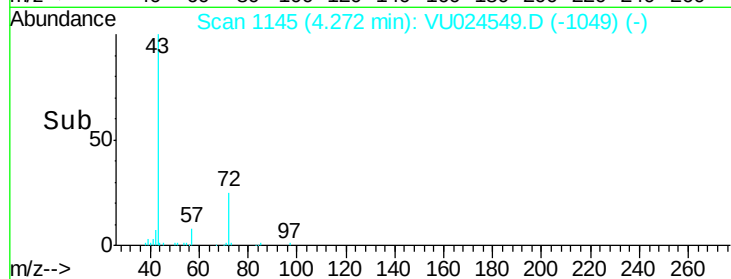
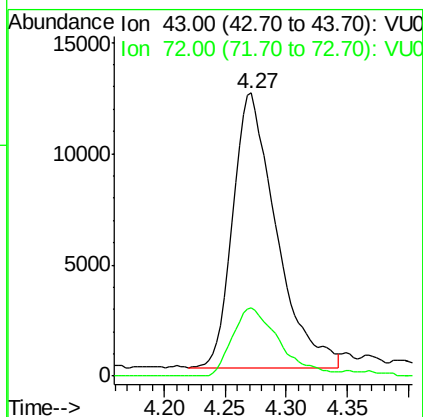
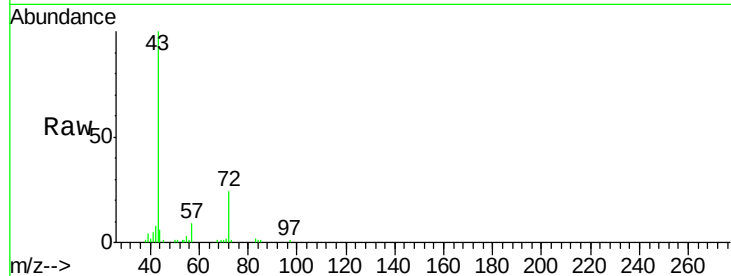




#25
2-Butanone
Concen: 13.725 ug/l
RT: 4.27 min Scan# 1145
Delta R.T. 0.01 min
Lab File: VU024549.D
Acq: 14 Jun 2018 18:49

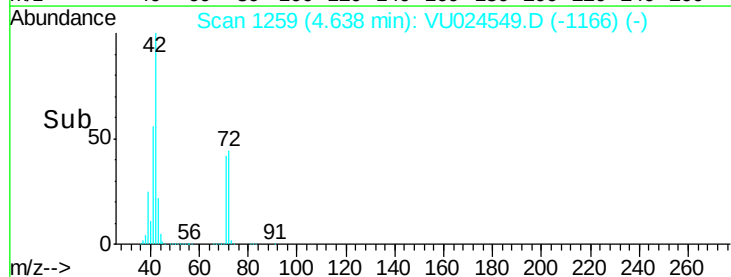
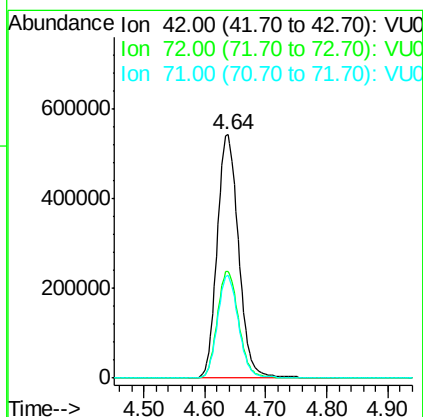
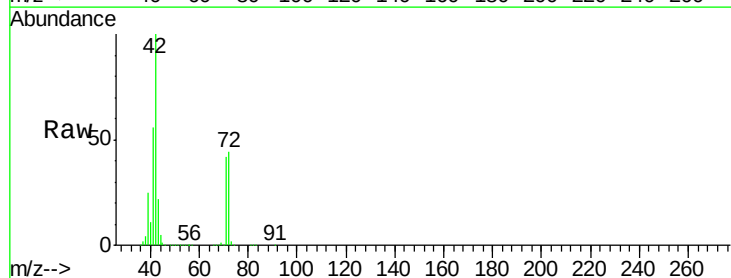
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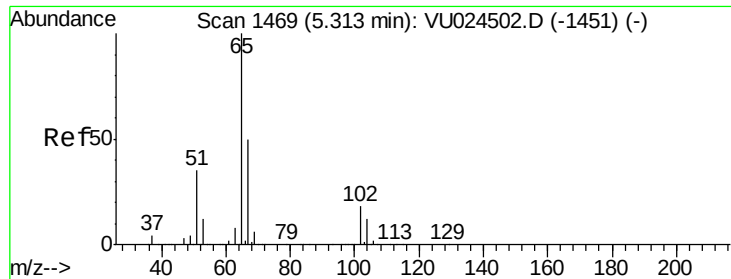
Tot Ion: 43 Resp: 30563
Ion Ratio Lower Upper
43 100
72 24.8 19.6 29.4



#29
Tetrahydrofuran
Concen: 957.934 ug/l
RT: 4.64 min Scan# 1259
Delta R.T. 0.00 min
Lab File: VU024549.D
Acq: 14 Jun 2018 18:49

Tgt Ion: 42 Resp: 1320948
Ion Ratio Lower Upper
42 100
72 43.6 34.5 51.7
71 41.5 32.2 48.4

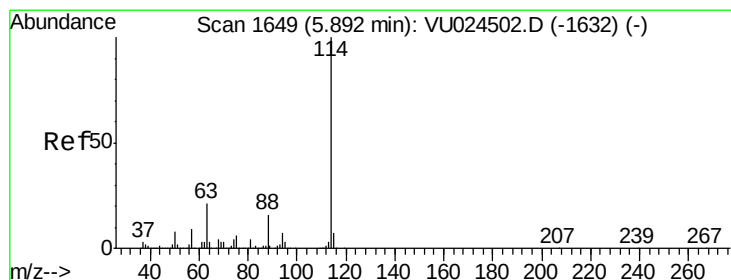
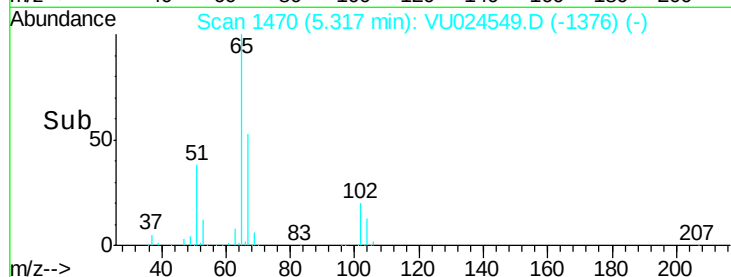
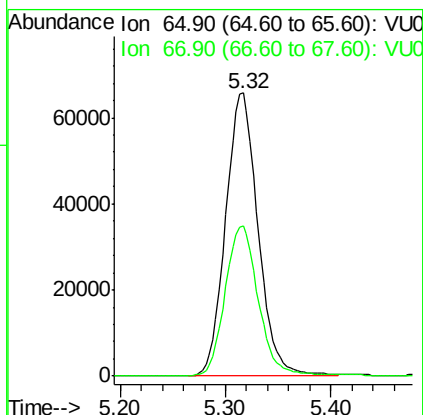
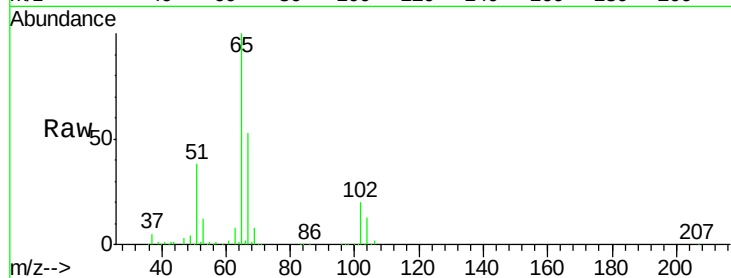




#33
 1,2-Dichloroethane-d4
 Concen: 45.462 ug/l
 RT: 5.32 min Scan# 1470
 Delta R.T. 0.00 min
 Lab File: VU024549.D
 Acq: 14 Jun 2018 18:49

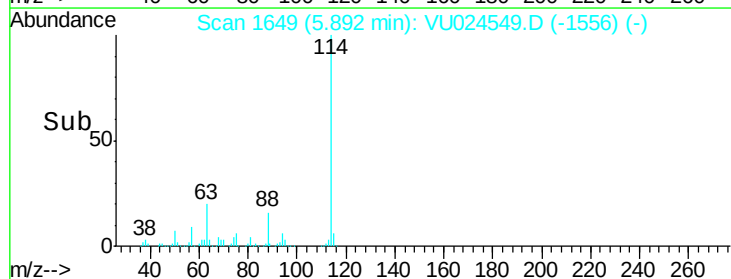
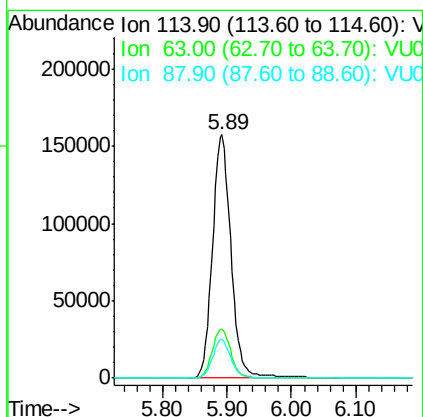
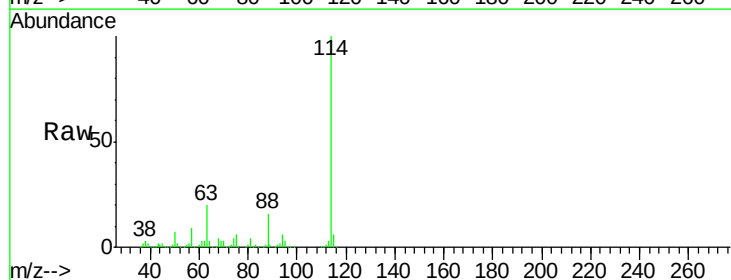
Instrument :
 MSVOA_U
 ClientSampleId :
 VB-44949-SLUDGEBOX

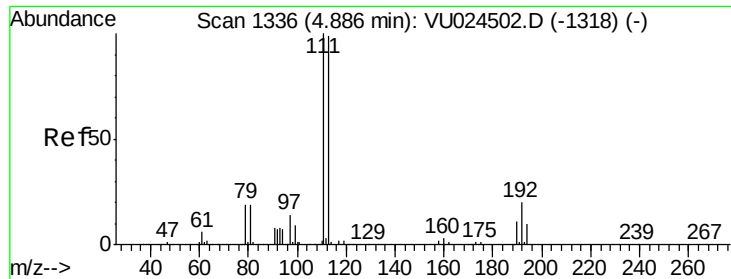
Tot Ion: 65 Resp: 140267
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: VU024549.D
 Acq: 14 Jun 2018 18:49

Tgt Ion: 114 Resp: 316456
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 45.4
 88 16.2 0.0 31.0





#35

Dibromofluoromethane

Concen: 48.628 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU024549.D

Acq: 14 Jun 2018 18:49

Instrument :

MSVOA_U

ClientSampleId :

VB-44949-SLUDGEBOX

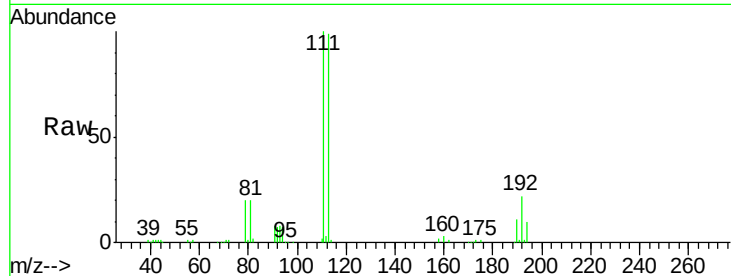
Tot Ion:113 Resp: 127714

Ion Ratio Lower Upper

113 100

111 101.9 82.2 123.4

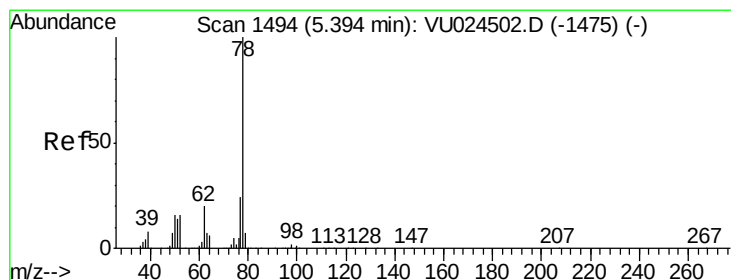
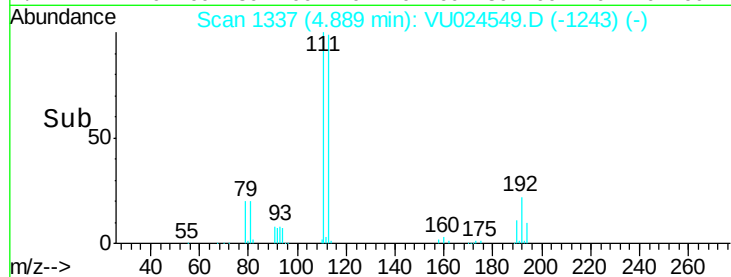
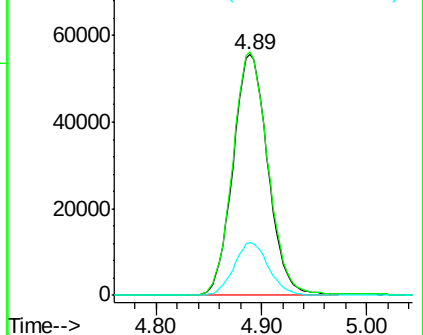
192 21.7 16.2 24.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#40

Benzene

Concen: 0.279 ug/l

RT: 5.40 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VU024549.D

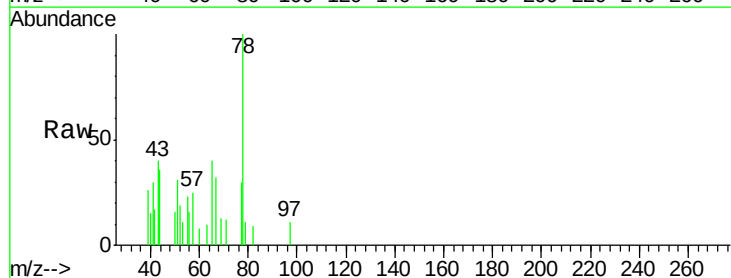
Acq: 14 Jun 2018 18:49

Tgt Ion: 78 Resp: 2960

Ion Ratio Lower Upper

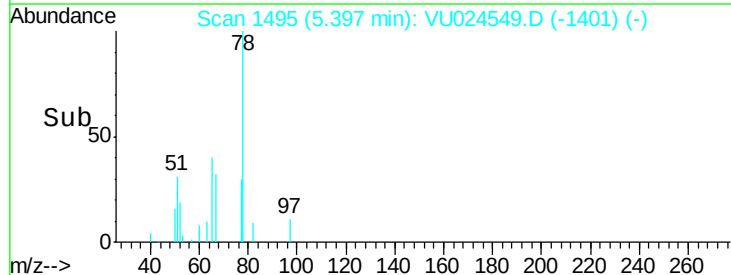
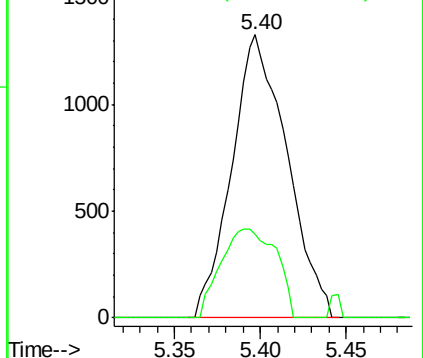
78 100

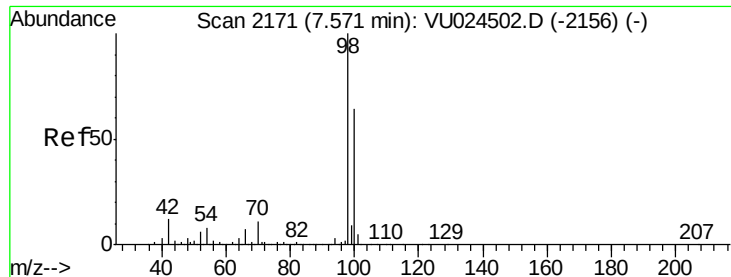
77 29.6 19.2 28.8#



Abundance Ion 78.00 (77.70 to 78.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

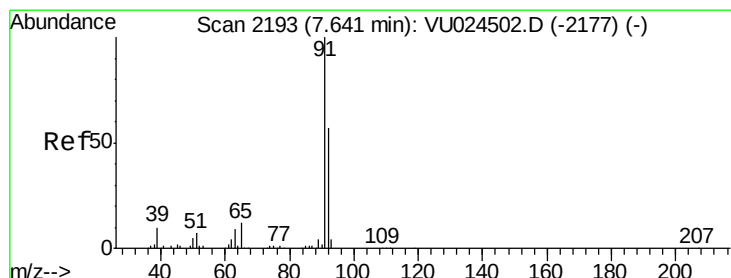
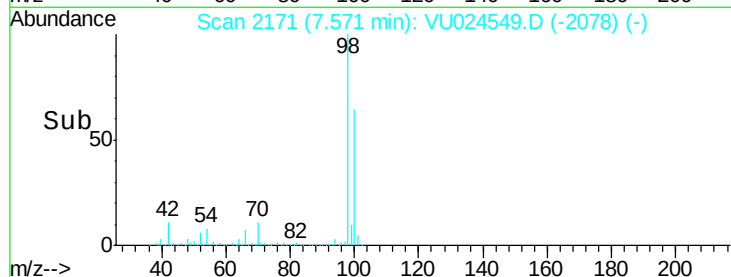
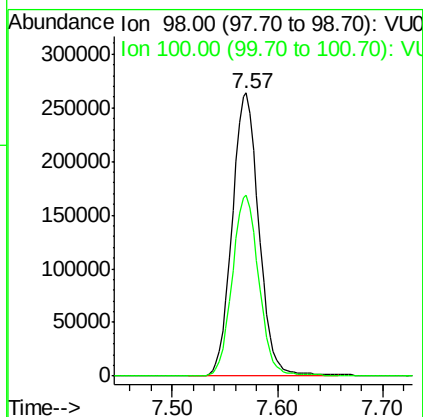
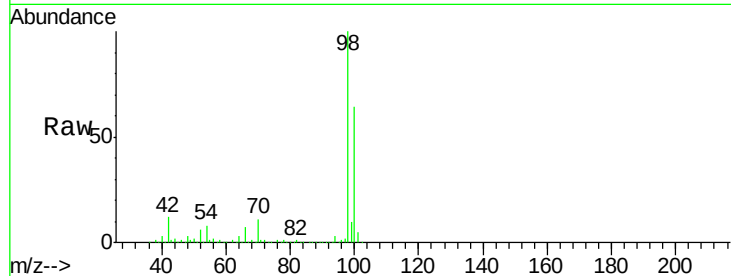




#50
Toluene-d8
Concen: 48.420 ug/l
RT: 7.57 min Scan# 2171
Delta R.T. 0.00 min
Lab File: VU024549.D
Acq: 14 Jun 2018 18:49

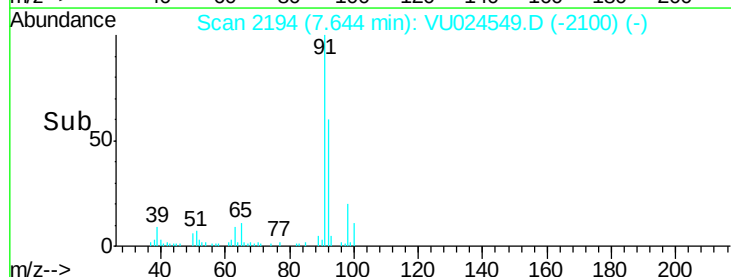
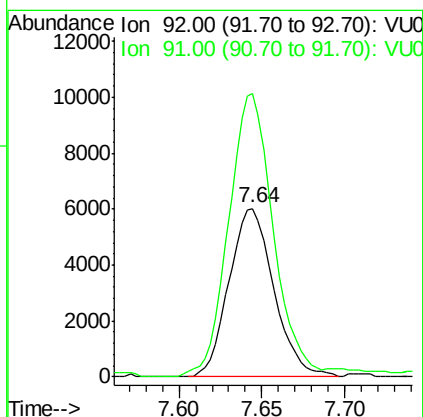
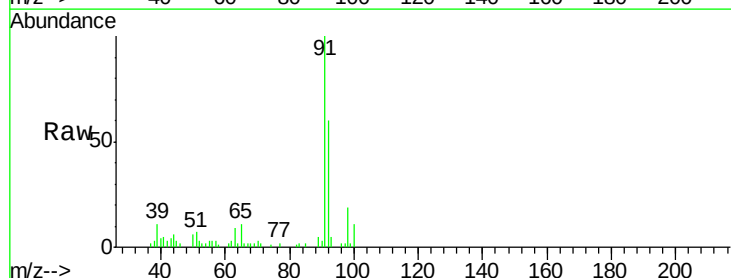
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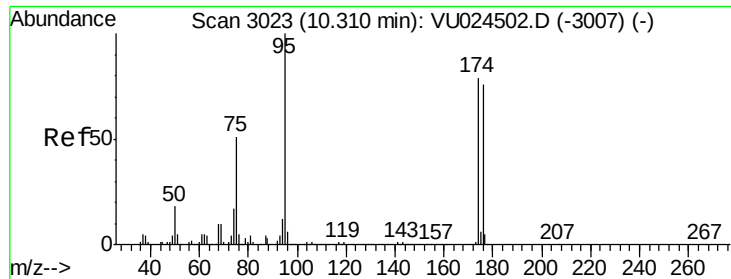
Tot Ion: 98 Resp: 463855
Ion Ratio Lower Upper
98 100
100 63.6 51.1 76.7



#52
Toluene
Concen: 1.662 ug/l
RT: 7.64 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU024549.D
Acq: 14 Jun 2018 18:49

Tgt Ion: 92 Resp: 11327
Ion Ratio Lower Upper
92 100
91 167.4 140.5 210.7

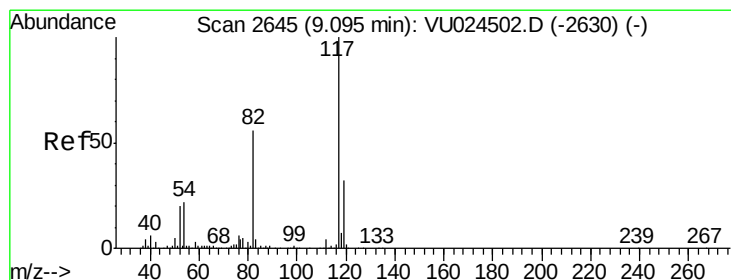
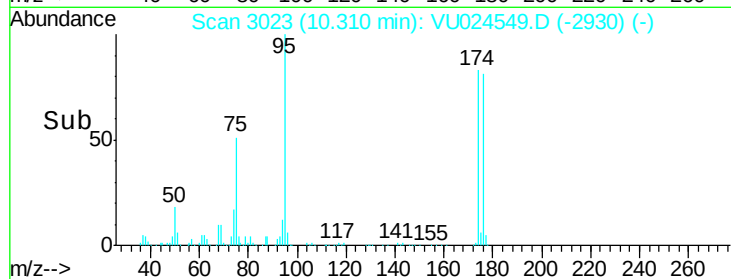
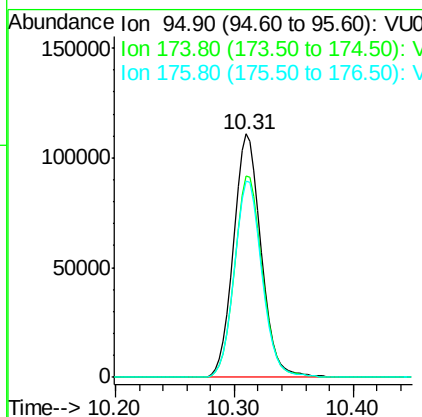
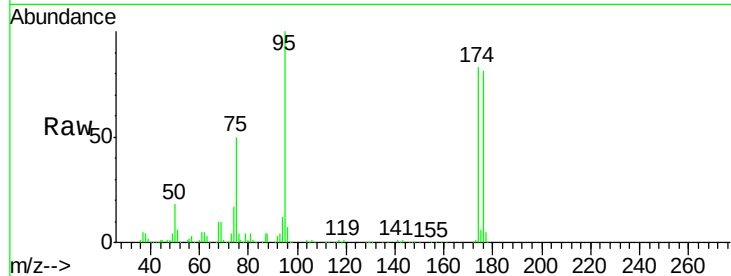




#62
4-Bromofluorobenzene
Concen: 46.942 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU024549.D
Acq: 14 Jun 2018 18:49

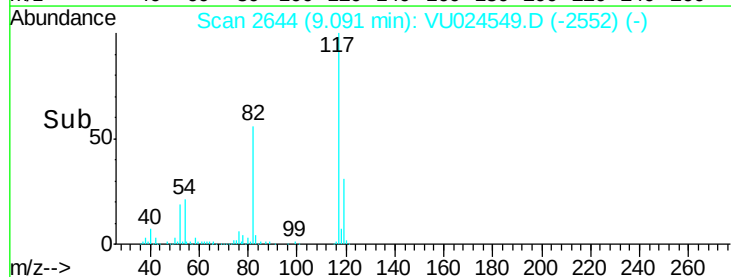
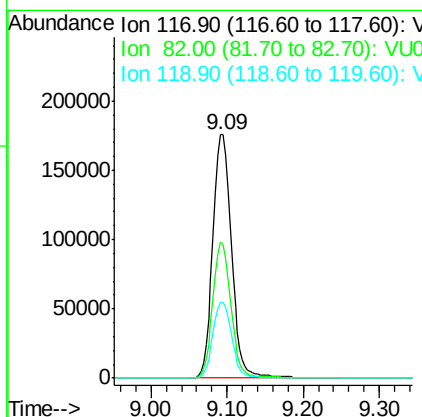
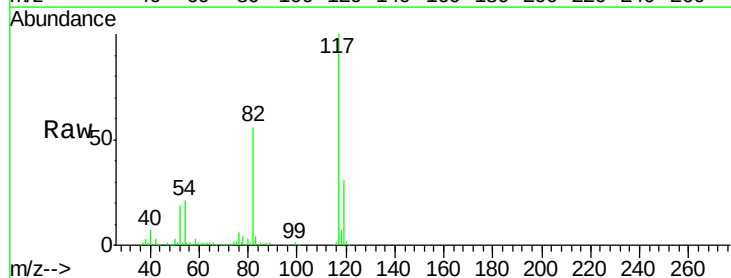
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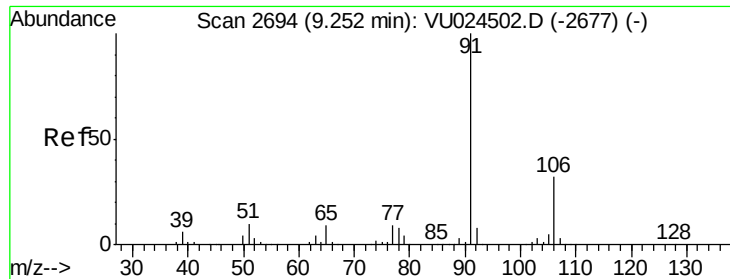
Tot Ion	95	Resp	178549
Ion Ratio	100		
Lower			
Upper			
174	83.0	0.0	165.8
176	80.8	0.0	159.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU024549.D
Acq: 14 Jun 2018 18:49

Tgt Ion	117	Resp	299641
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower <td></td> <td></td> <td></td>			
Upper <td></td> <td></td> <td></td>			
82	55.8	44.3	66.5
119	31.1	25.4	38.2

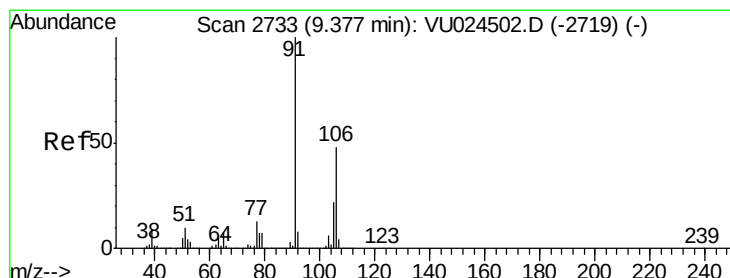
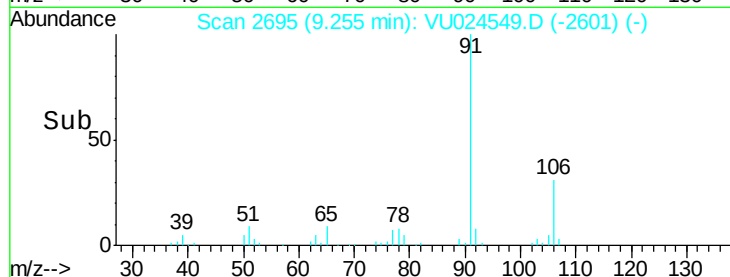
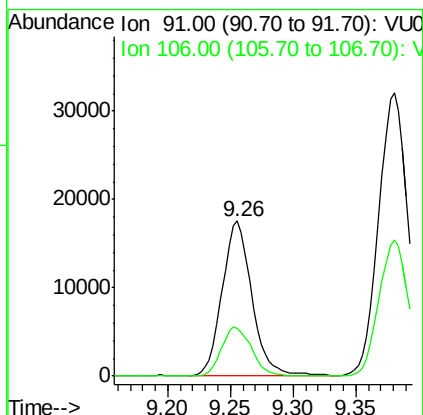
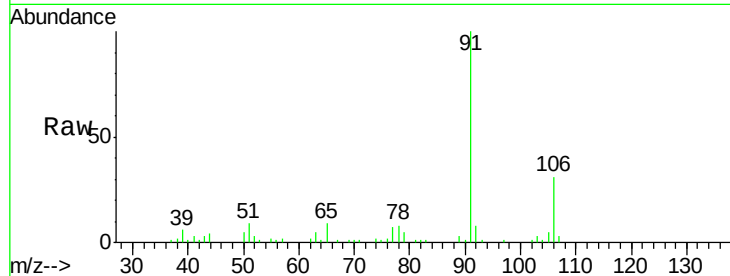




#67
Ethyl Benzene
Concen: 2.166 ug/l
RT: 9.26 min Scan# 2695
Delta R.T. 0.00 min
Lab File: VU024549.D
Acq: 14 Jun 2018 18:49

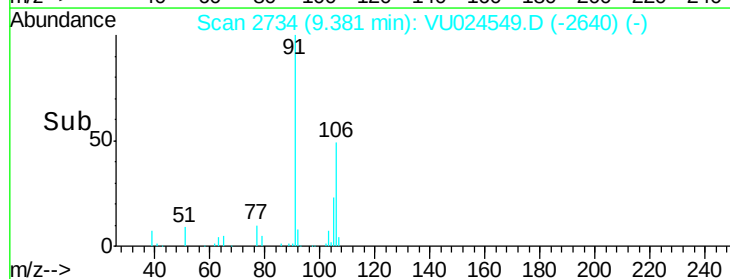
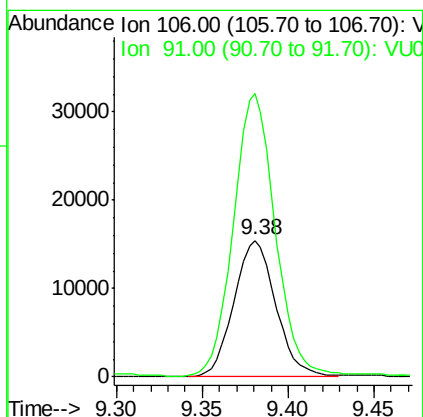
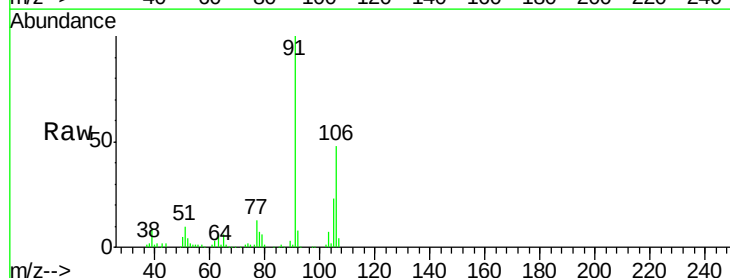
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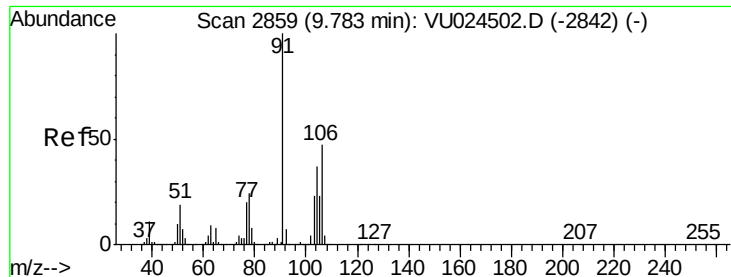
Tot Ion: 91 Resp: 29069
Ion Ratio Lower Upper
91 100
106 31.0 24.2 36.4



#68
m/p-Xylenes
Concen: 5.102 ug/l
RT: 9.38 min Scan# 2734
Delta R.T. 0.00 min
Lab File: VU024549.D
Acq: 14 Jun 2018 18:49

Tgt Ion: 106 Resp: 26291
Ion Ratio Lower Upper
106 100
91 207.6 166.5 249.7

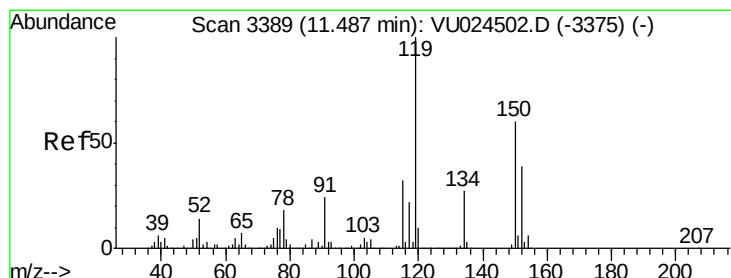
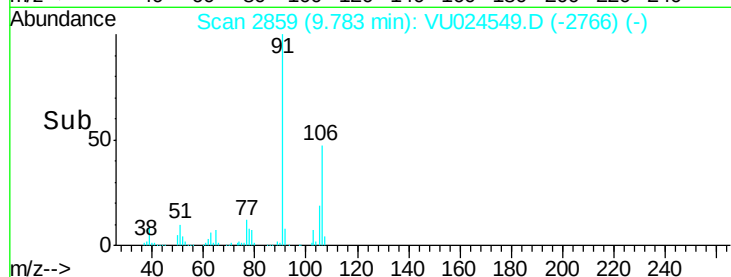
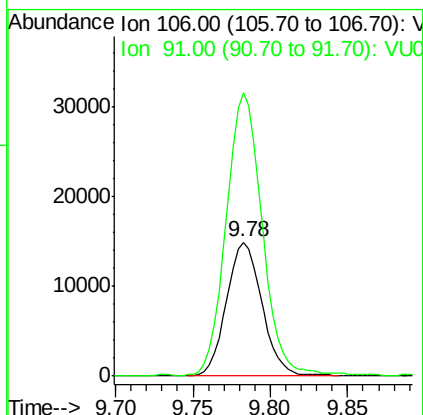
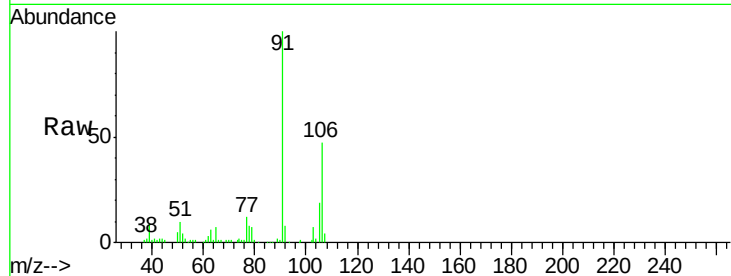




#69
o-Xylene
Concen: 4.646 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU024549.D
Acq: 14 Jun 2018 18:49

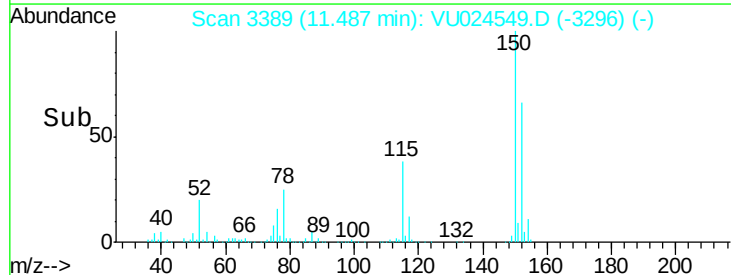
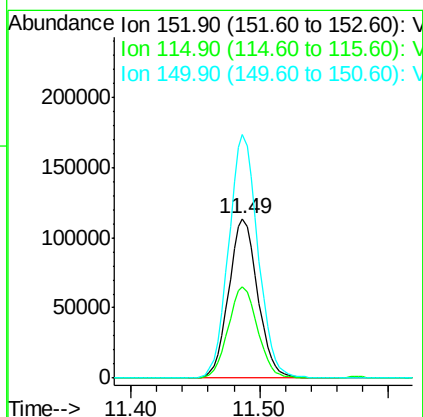
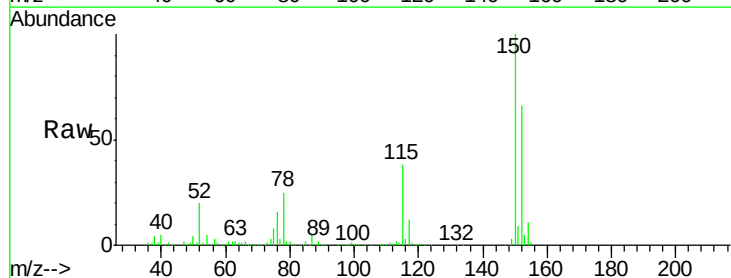
Instrument :
MSVOA_U
ClientSampleId :
VB-44949-SLUDGEBOX

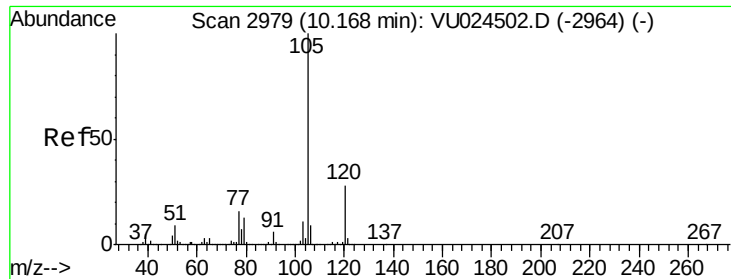
Tot Ion:106 Resp: 23693
Ion Ratio Lower Upper
106 100
91 212.3 110.7 331.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VU024549.D
Acq: 14 Jun 2018 18:49

Tgt Ion:152 Resp: 177296
Ion Ratio Lower Upper
152 100
115 57.9 43.0 129.0
150 154.2 0.0 354.0





#73

Isopropylbenzene

Concen: 0.509 ug/l

RT: 10.17 min Scan# 2980

Delta R.T. 0.00 min

Lab File: VU024549.D

Acq: 14 Jun 2018 18:49

Instrument :

MSVOA_U

ClientSampleId :

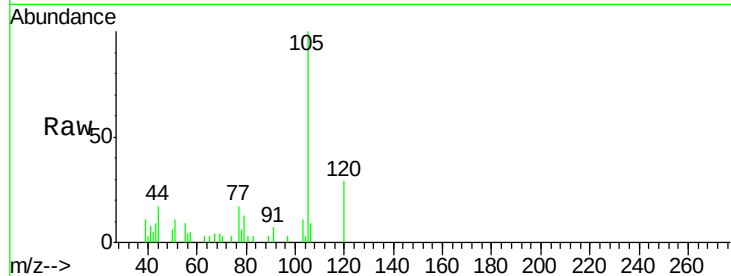
VB-44949-SLUDGEBOX

Tot Ion:105 Resp: 6925

Ion Ratio Lower Upper

105 100

120 26.5 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

10.17

4000

3000

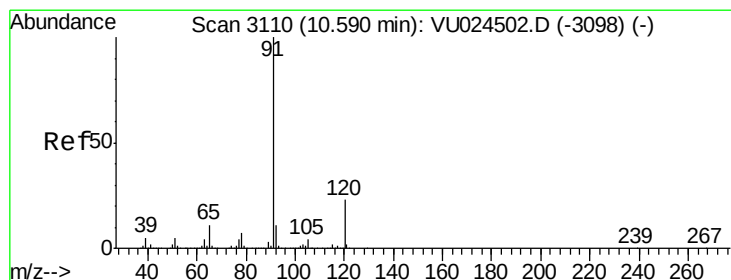
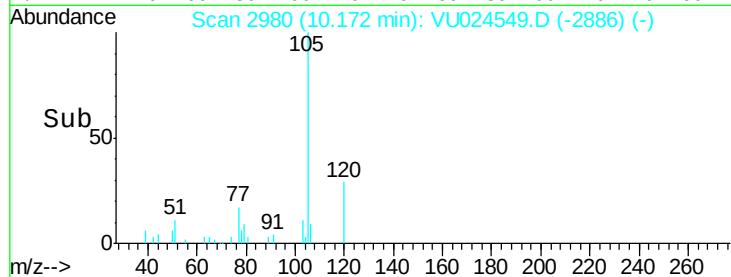
2000

1000

0

Time-->

10.10 10.15 10.20



#78

n-propylbenzene

Concen: 0.647 ug/l

RT: 10.59 min Scan# 3111

Delta R.T. 0.00 min

Lab File: VU024549.D

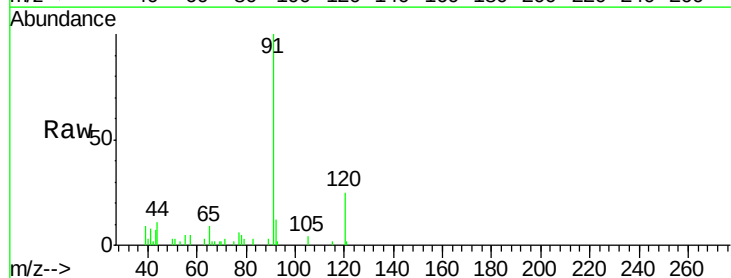
Acq: 14 Jun 2018 18:49

Tgt Ion: 91 Resp: 10368

Ion Ratio Lower Upper

91 100

120 22.1 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

10.59

6000

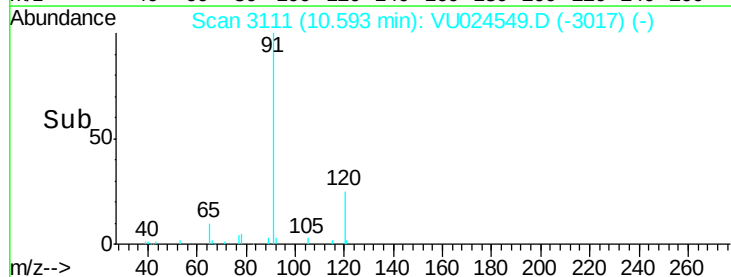
4000

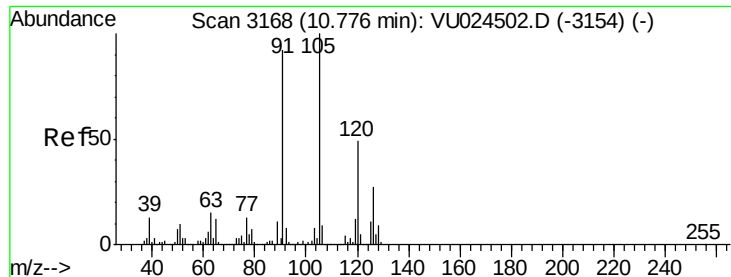
2000

0

Time-->

10.55 10.60 10.65

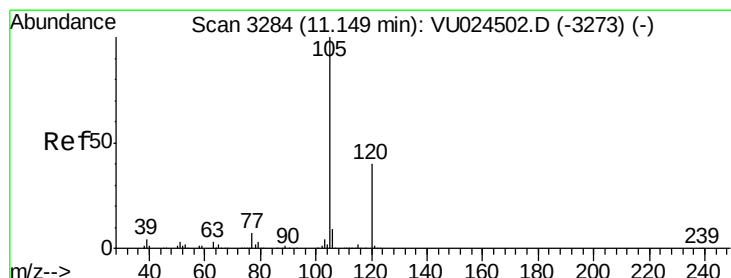
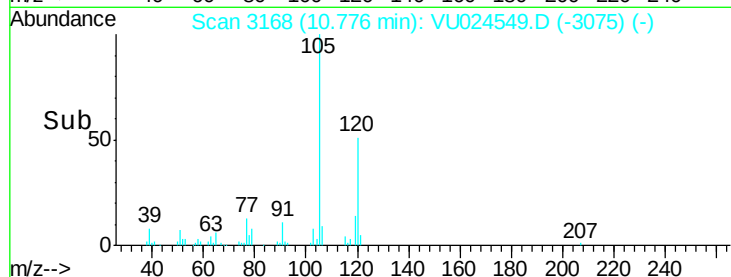
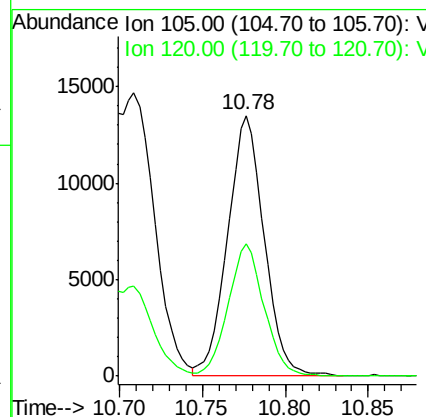
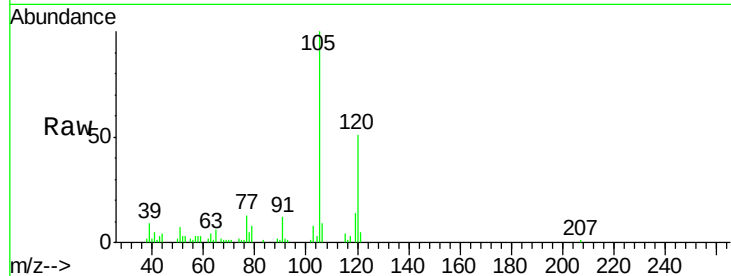




#80
 1,3,5-Trimethylbenzene
 Concen: 1.754 ug/l
 RT: 10.78 min Scan# 3168
 Delta R.T. 0.00 min
 Lab File: VU024549.D
 Acq: 14 Jun 2018 18:49

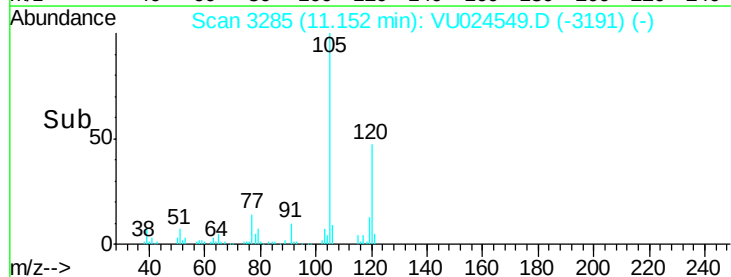
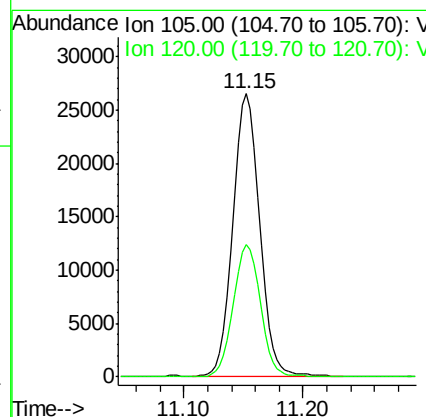
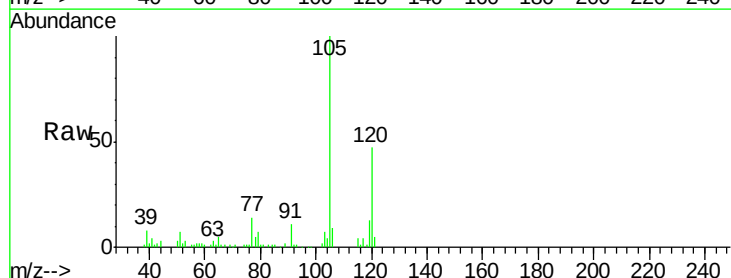
Instrument :
 MSVOA_U
 ClientSampleId :
 VB-44949-SLUDGEBOX

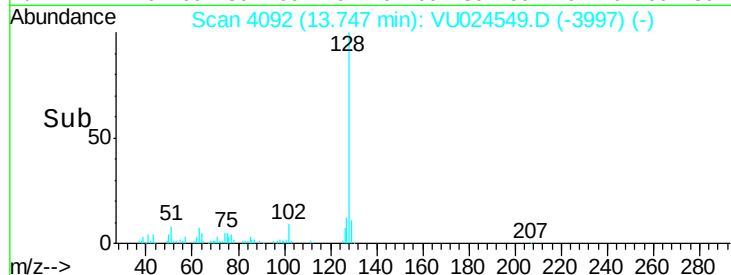
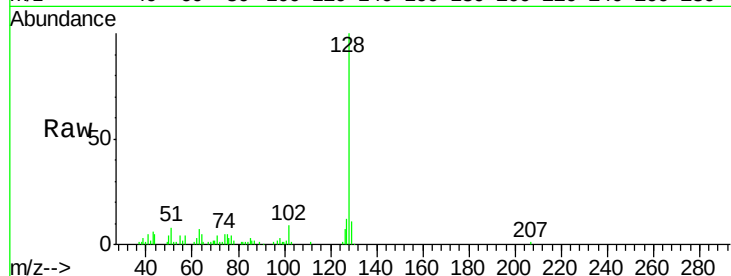
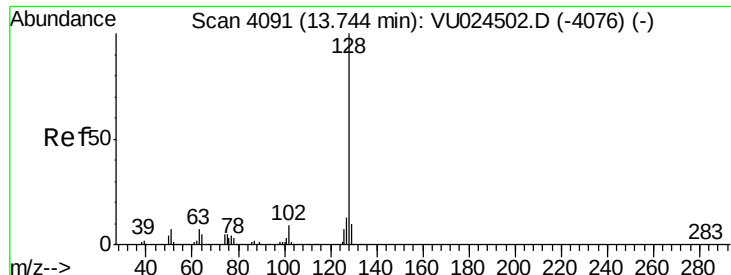
Tot Ion:105 Resp: 20695
 Ion Ratio Lower Upper
 105 100
 120 50.2 24.1 72.2



#84
 1,2,4-Trimethylbenzene
 Concen: 3.464 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU024549.D
 Acq: 14 Jun 2018 18:49

Tgt Ion:105 Resp: 41645
 Ion Ratio Lower Upper
 105 100
 120 47.3 22.6 67.8





#95

Naphthalene

Concen: 3.363 ug/l

RT: 13.75 min Scan# 4092

Delta R.T. 0.00 min

Lab File: VU024549.D

Acq: 14 Jun 2018 18:49

Instrument :

MSVOA_U

ClientSampleId :

VB-44949-SLUDGEBOX

Tot Ion:128 Resp: 35463

Ion Ratio Lower Upper

128 100

127 12.5 10.6 16.0

129 11.3 8.6 12.8

