

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U080618\
 Data File : VU025924.D
 Acq On : 07 Aug 2018 06:58
 Operator : MD/SY
 Sample : J4344-13
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0532

Quant Time: Aug 07 09:01:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 00:49:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	224291	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	359371	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	356421	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	229498	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	163383	46.75	ug/l	0.00
Spiked Amount			Recovery	=	93.50%	
35) Dibromofluoromethane	4.89	113	143881	46.03	ug/l	0.00
Spiked Amount			Recovery	=	92.06%	
50) Toluene-d8	7.57	98	530800	48.53	ug/l	0.00
Spiked Amount			Recovery	=	97.06%	
62) 4-Bromofluorobenzene	10.31	95	206684	48.68	ug/l	0.00
Spiked Amount			Recovery	=	97.36%	

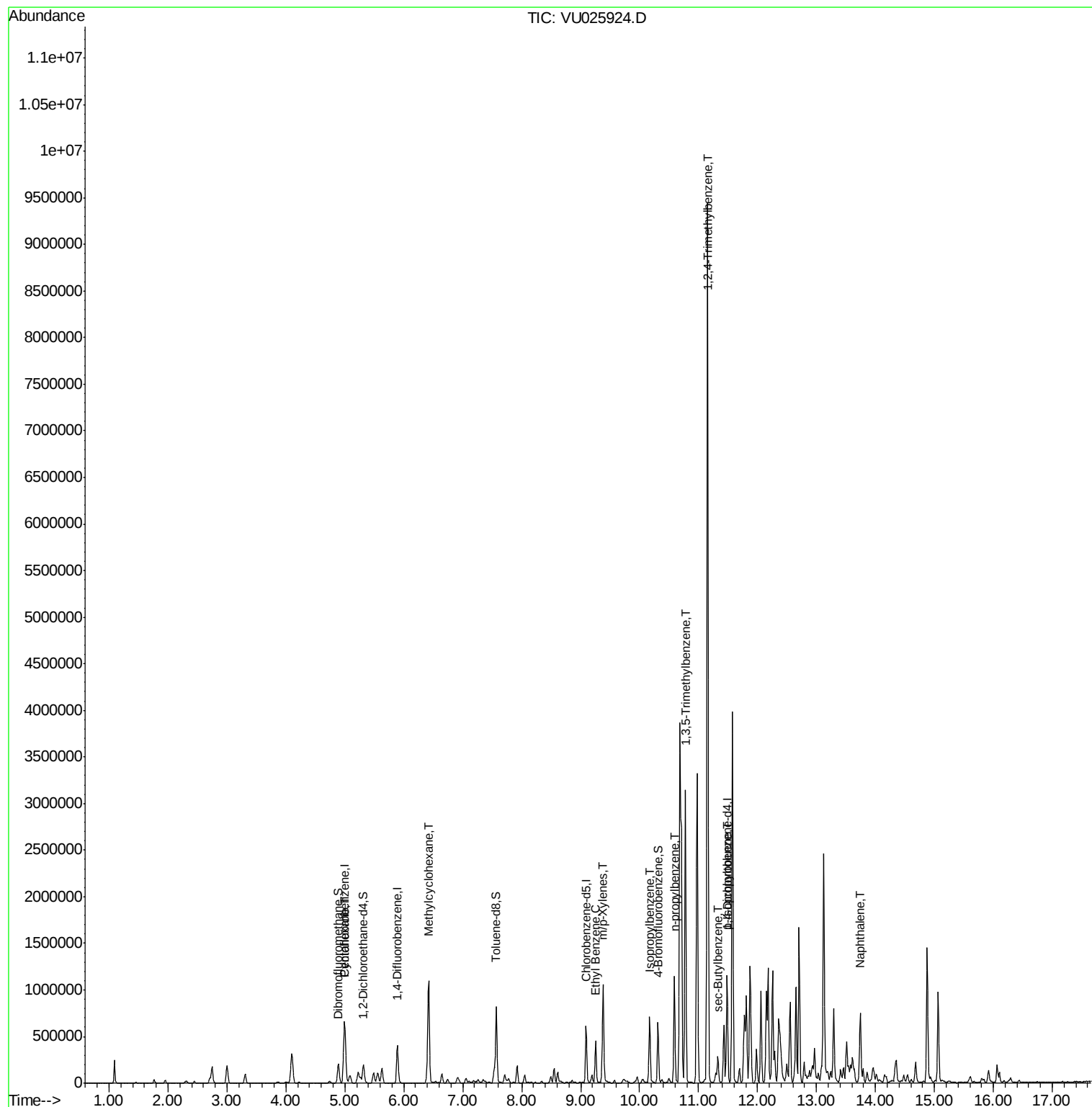
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Cyclohexane	5.00	56	229527	51.59	ug/l	97
39) Methylcyclohexane	6.42	83	483934	100.57	ug/l	99
67) Ethyl Benzene	9.25	91	312341	20.52	ug/l	99
68) m/p-Xylenes	9.38	106	298878	51.14	ug/l	98
73) Isopropylbenzene	10.17	105	463551	29.59	ug/l	99
78) n-propylbenzene	10.59	91	880952	48.19	ug/l	100
80) 1,3,5-Trimethylbenzene	10.78	105	1680700	126.34	ug/l	98
84) 1,2,4-Trimethylbenzene	11.15	105	5207975	386.33	ug/l	98
85) sec-Butylbenzene	11.33	105	187368	11.61	ug/l	99
86) p-Isopropyltoluene	11.48	119	214198	14.82	ug/l	99
95) Naphthalene	13.74	128	567985	33.75	ug/l	99

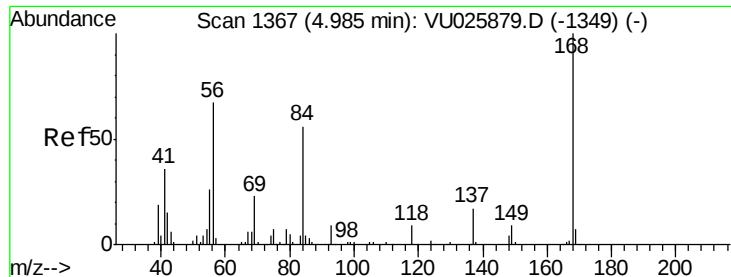
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Aug 07 00:49:55 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU025924.D

Acq: 07 Aug 2018 06:58

Instrument :

MSVOA_U

ClientSampleId :

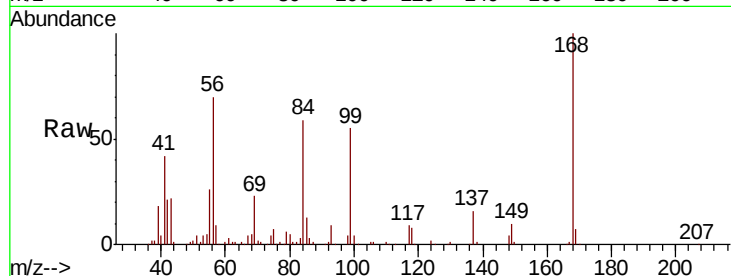
FL-0532

Tot Ion:168 Resp: 224291

Ion Ratio Lower Upper

168 100

99 55.0 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): VU025879.D (-1349) (-)

Ion 98.90 (98.60 to 99.60): VU025879.D (-1349) (-)

4.99

100000

80000

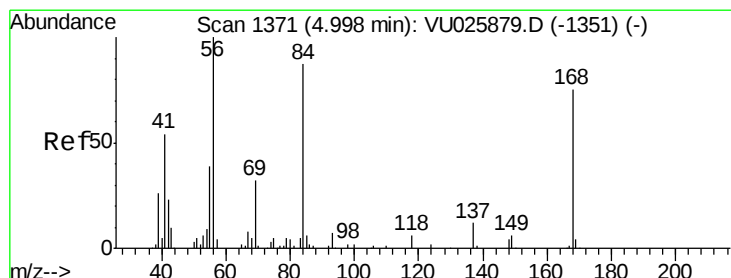
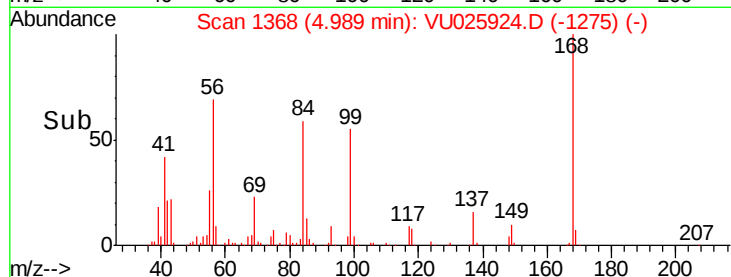
60000

40000

20000

0

Time-->



#31

Cyclohexane

Concen: 51.59 ug/l

RT: 5.00 min Scan# 1372

Delta R.T. 0.00 min

Lab File: VU025924.D

Acq: 07 Aug 2018 06:58

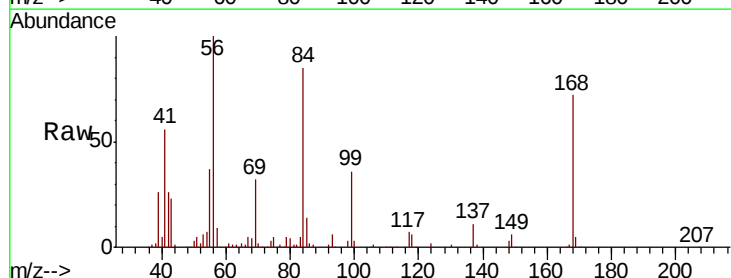
Tgt Ion: 56 Resp: 229527

Ion Ratio Lower Upper

56 100

69 31.8 26.8 40.2

84 84.9 69.7 104.5



Abundance Ion 56.00 (55.70 to 56.70): VU025879.D (-1351) (-)

Ion 69.00 (68.70 to 69.70): VU025879.D (-1351) (-)

Ion 84.00 (83.70 to 84.70): VU025879.D (-1351) (-)

5.00

120000

100000

80000

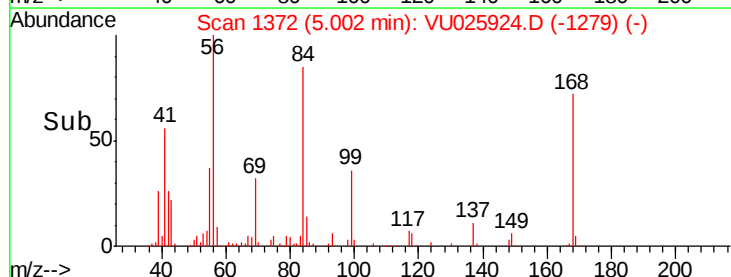
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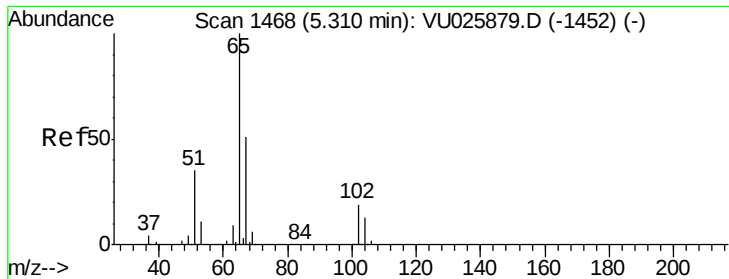
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20000

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Time-->

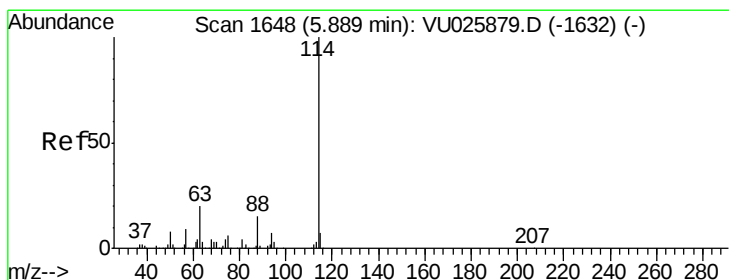
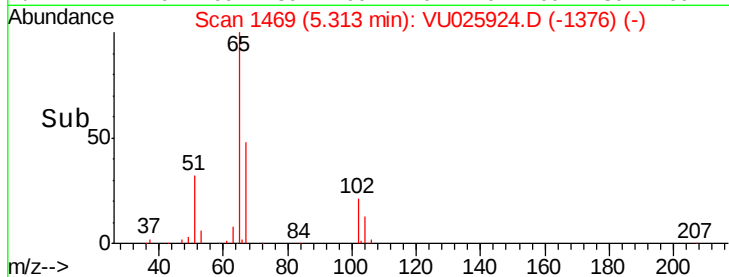
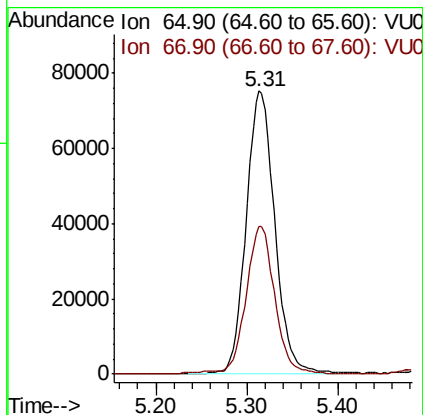
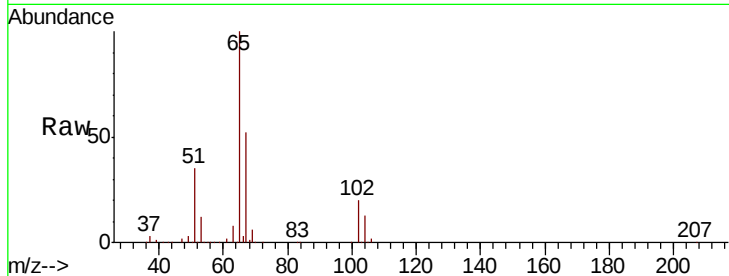




#33
 1,2-Dichloroethane-d4
 Concen: 46.75 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU025924.D
 Acq: 07 Aug 2018 06:58

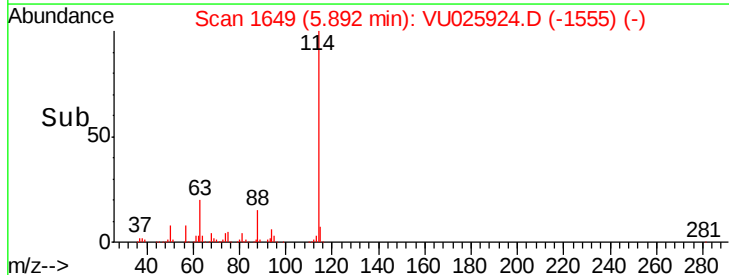
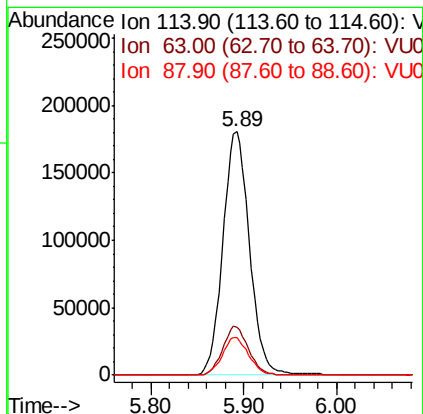
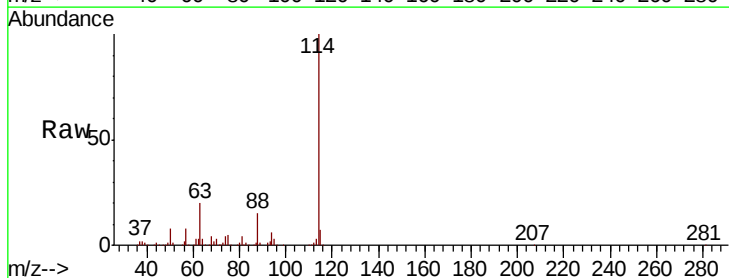
Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0532

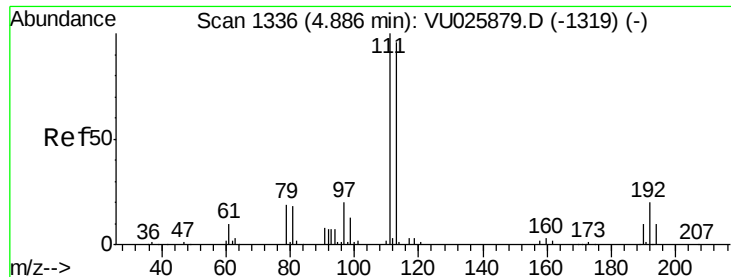
Tot Ion: 65 Resp: 163383
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: VU025924.D
 Acq: 07 Aug 2018 06:58

Tgt Ion: 114 Resp: 359371
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 41.6
 88 15.2 0.0 32.4

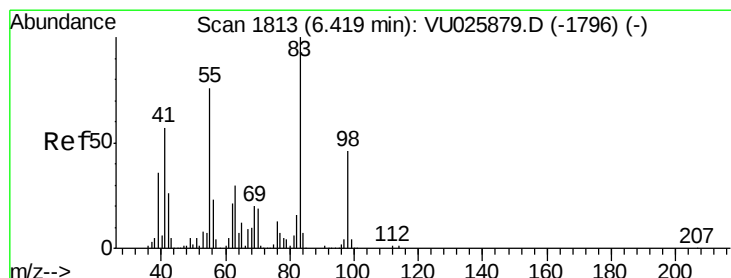
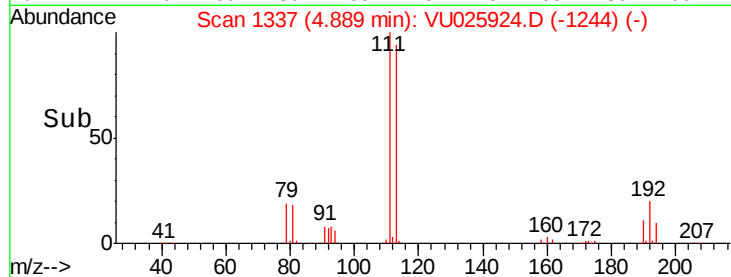
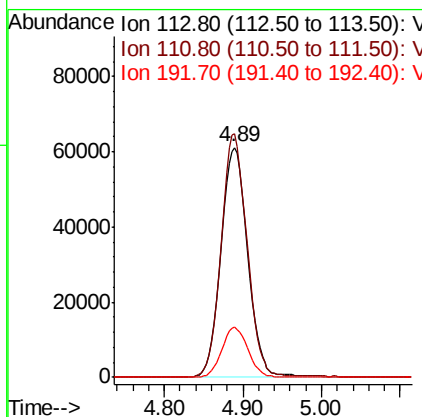
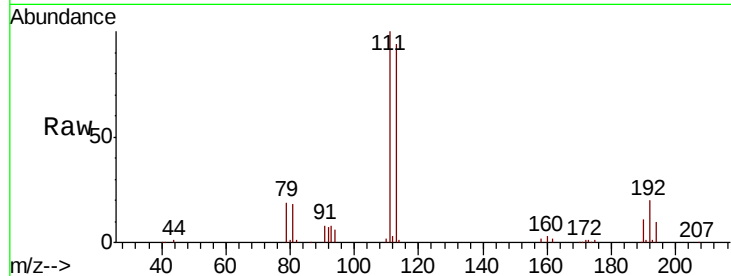




#35
Dibromofluoromethane
Concen: 46.03 ug/l
RT: 4.89 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VU025924.D
Acq: 07 Aug 2018 06:58

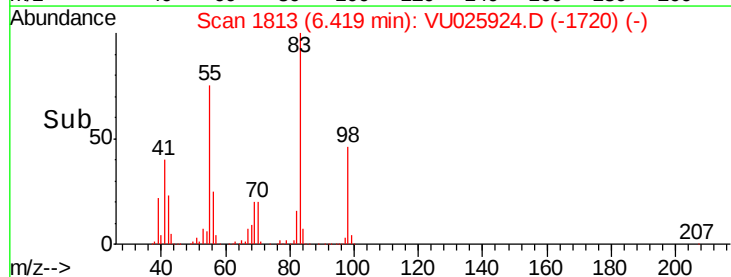
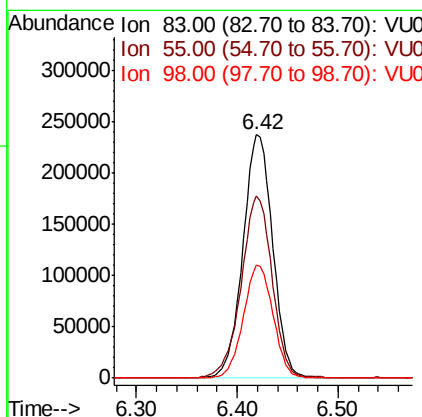
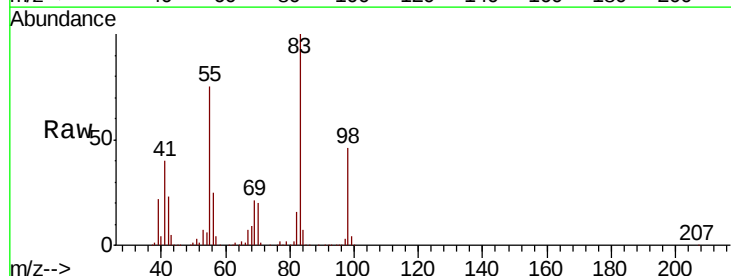
Instrument :
MSVOA_U
ClientSampleId :
FL-0532

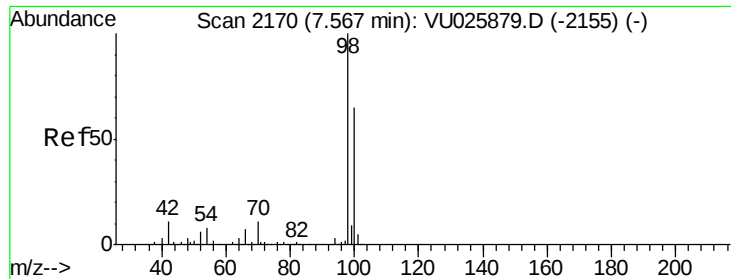
Tot Ion:113 Resp: 143881
Ion Ratio Lower Upper
113 100
111 101.9 81.7 122.5
192 21.2 17.1 25.7



#39
Methylcyclohexane
Concen: 100.57 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU025924.D
Acq: 07 Aug 2018 06:58

Tgt Ion: 83 Resp: 483934
Ion Ratio Lower Upper
83 100
55 74.7 60.0 90.0
98 46.3 36.1 54.1

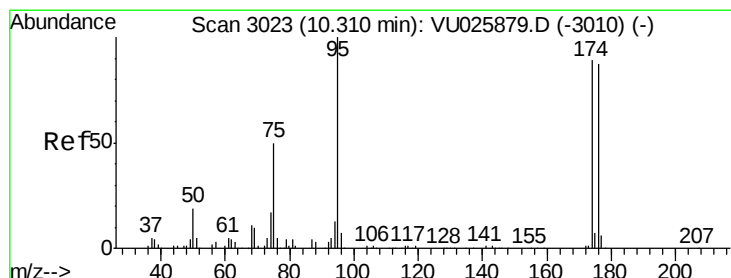
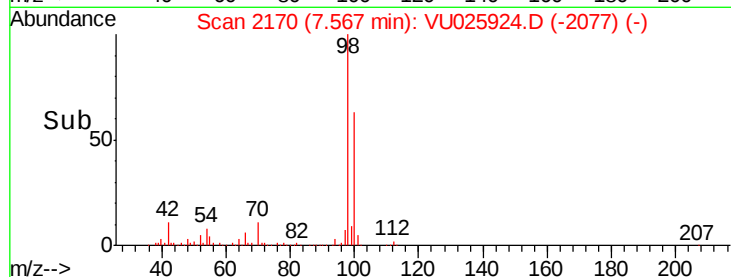
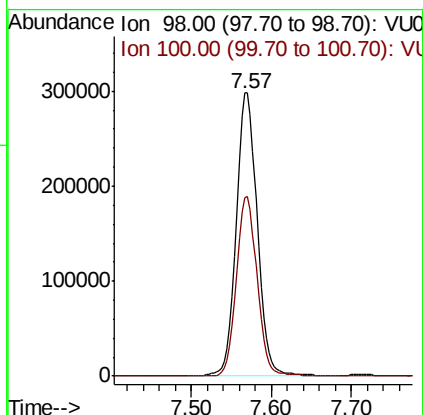
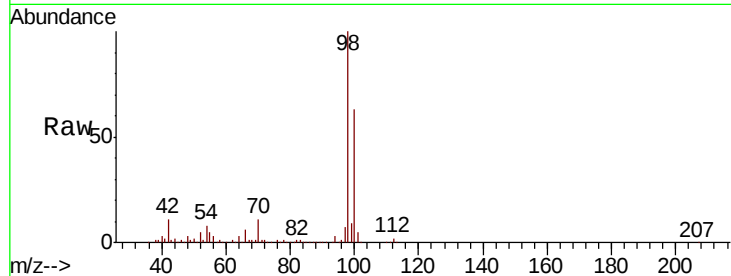




#50
Toluene-d8
Concen: 48.53 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. 0.00 min
Lab File: VU025924.D
Acq: 07 Aug 2018 06:58

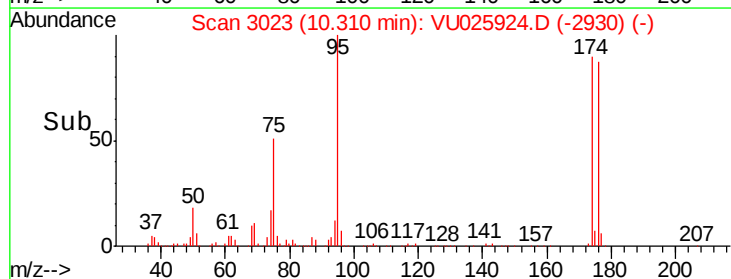
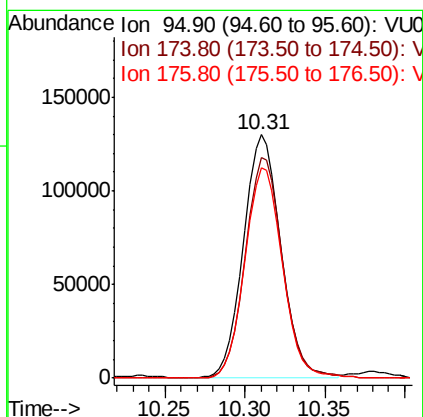
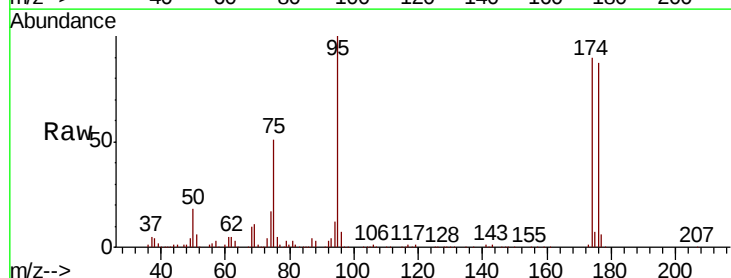
Instrument :
MSVOA_U
ClientSampleId :
FL-0532

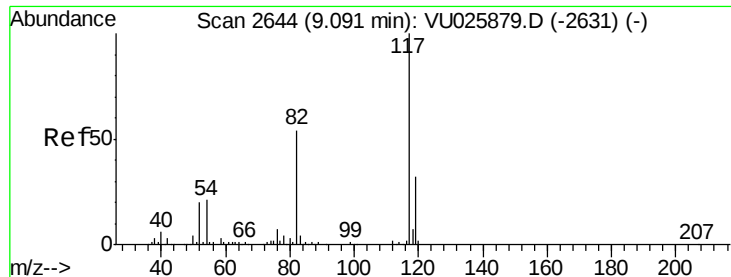
Tot Ion: 98 Resp: 530800
Ion Ratio Lower Upper
98 100
100 62.5 51.1 76.7



#62
4-Bromofluorobenzene
Concen: 48.68 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU025924.D
Acq: 07 Aug 2018 06:58

Tgt Ion: 95 Resp: 206684
Ion Ratio Lower Upper
95 100
174 90.9 0.0 172.2
176 87.5 0.0 162.6

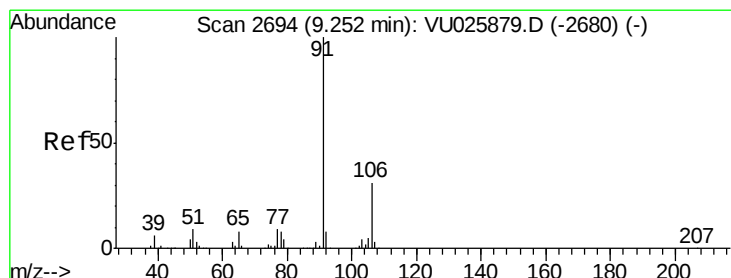
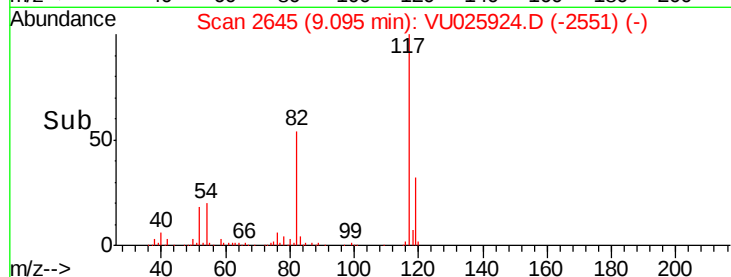
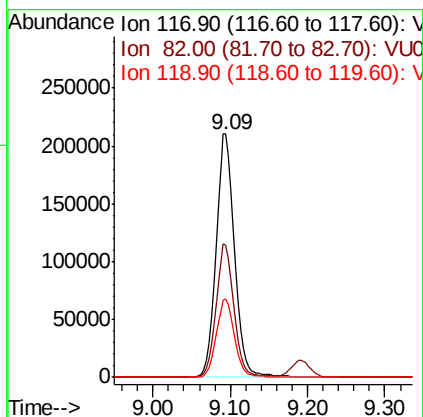
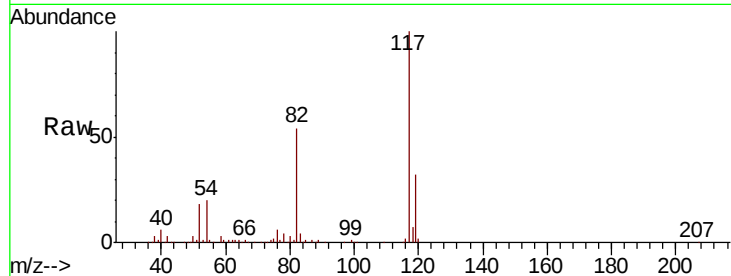




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU025924.D
Acq: 07 Aug 2018 06:58

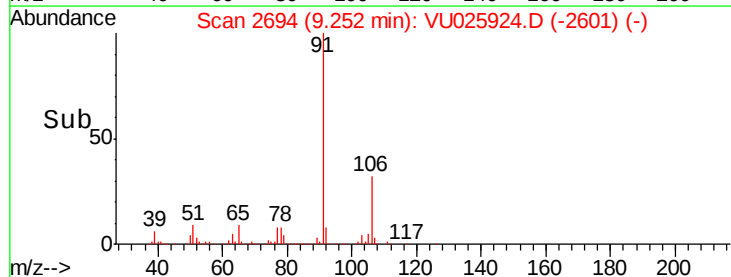
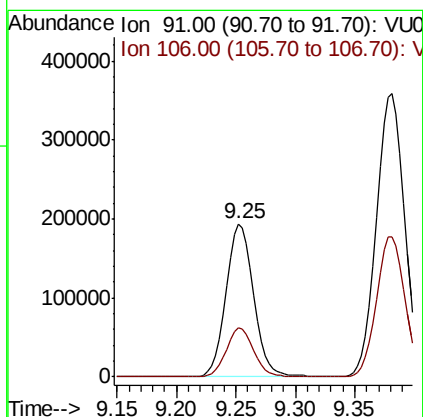
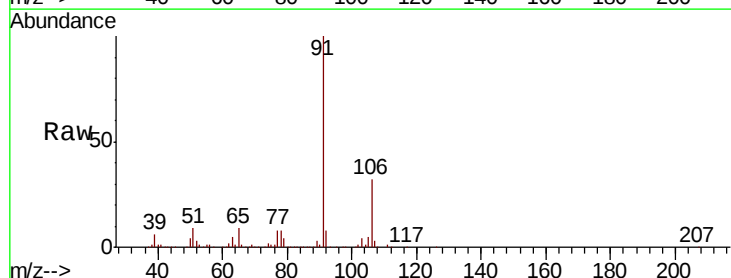
Instrument :
MSVOA_U
ClientSampled :
FL-0532

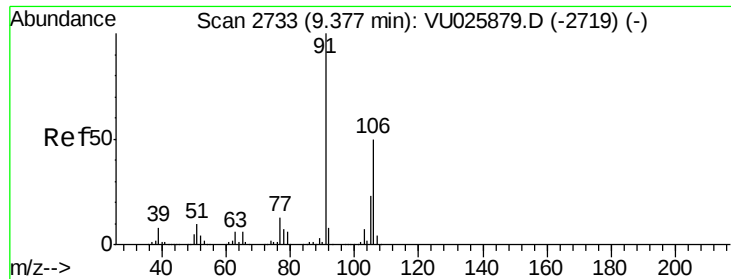
Tot Ion:117 Resp: 356421
Ion Ratio Lower Upper
117 100
82 54.1 46.0 69.0
119 32.2 26.0 39.0



#67
Ethyl Benzene
Concen: 20.52 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. 0.00 min
Lab File: VU025924.D
Acq: 07 Aug 2018 06:58

Tgt Ion: 91 Resp: 312341
Ion Ratio Lower Upper
91 100
106 32.1 25.3 37.9

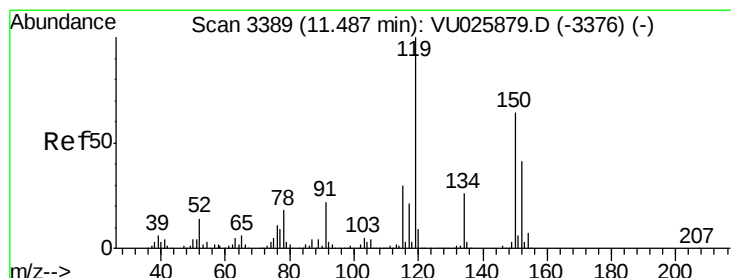
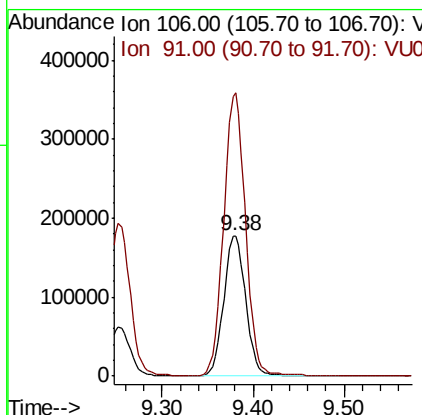
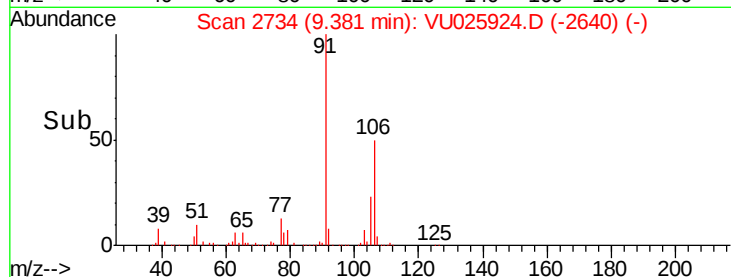
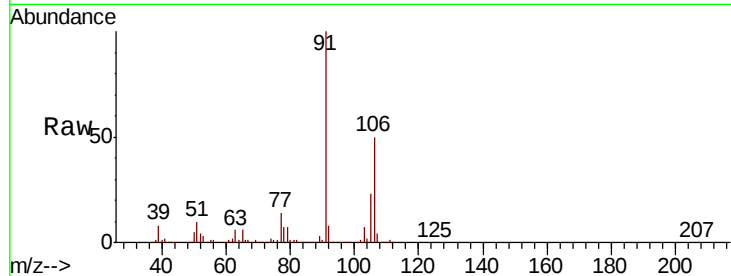




#68
m/p-Xvlenes
Concen: 51.14 ug/l
RT: 9.38 min Scan# 2734
Delta R.T. 0.00 min
Lab File: VU025924.D
Acq: 07 Aug 2018 06:58

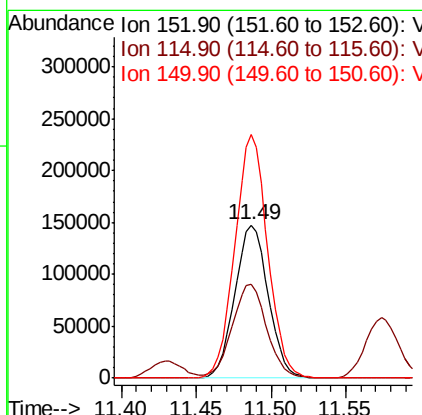
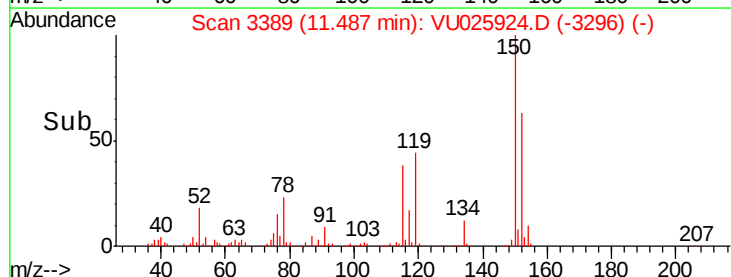
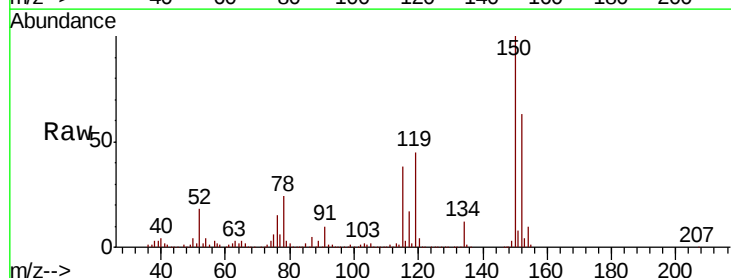
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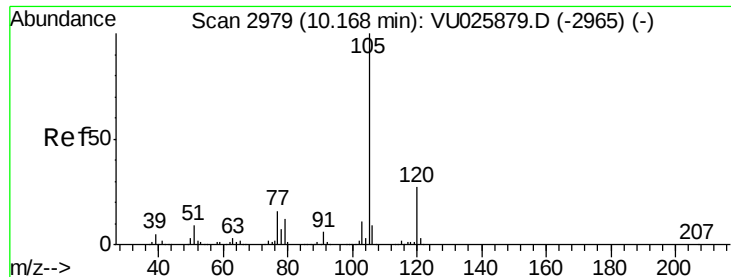
Tot Ion:106 Resp: 298878
Ion Ratio Lower Upper
106 100
91 200.3 162.3 243.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VU025924.D
Acq: 07 Aug 2018 06:58

Tgt Ion:152 Resp: 229498
Ion Ratio Lower Upper
152 100
115 62.8 40.1 120.3
150 155.7 0.0 351.4





#73

Isopropylbenzene

Concen: 29.59 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU025924.D

Acq: 07 Aug 2018 06:58

Instrument :

MSVOA_U

ClientSampleId :

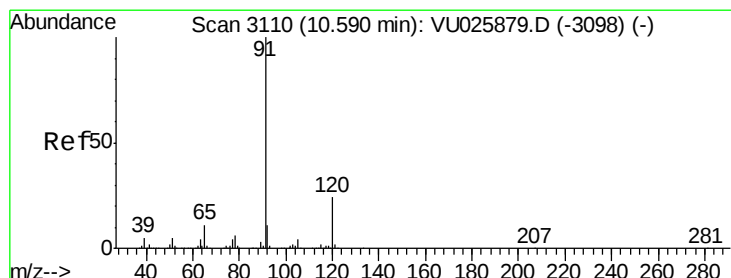
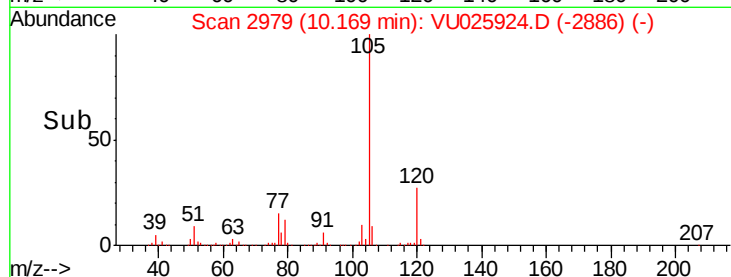
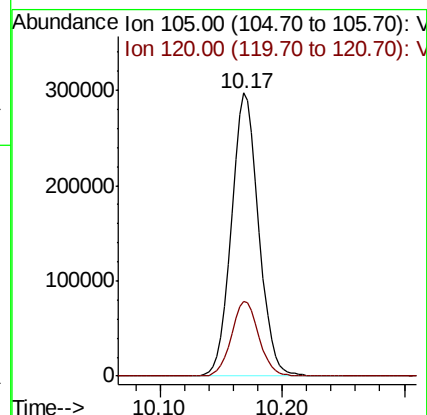
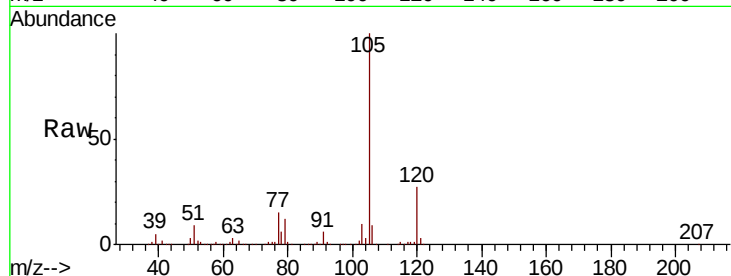
FL-0532

Tot Ion:105 Resp: 463551

Ion Ratio Lower Upper

105 100

120 26.7 13.5 40.5



#78

n-propylbenzene

Concen: 48.19 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU025924.D

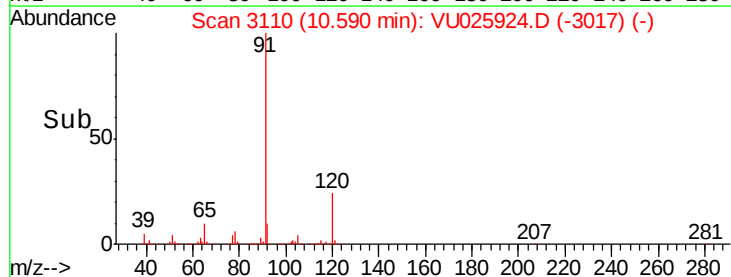
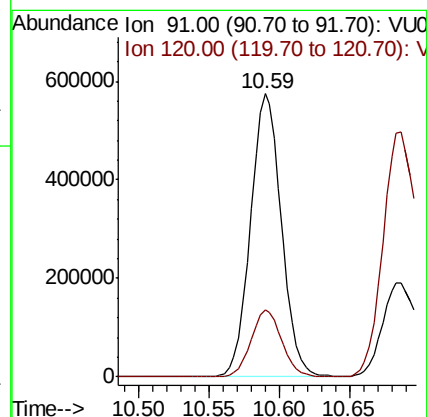
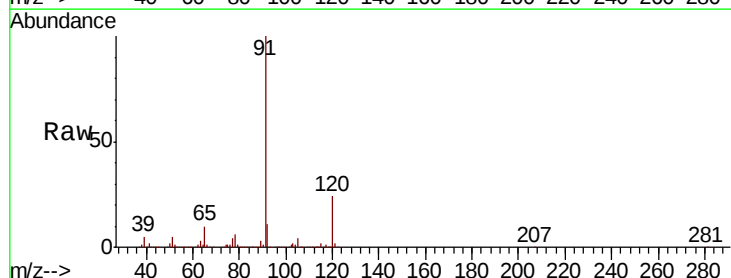
Acq: 07 Aug 2018 06:58

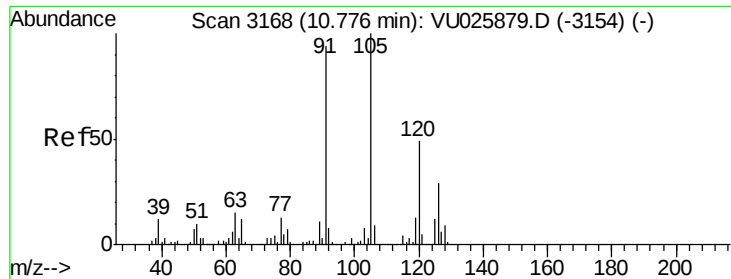
Tgt Ion: 91 Resp: 880952

Ion Ratio Lower Upper

91 100

120 23.5 11.8 35.3





#80

1,3,5-Trimethylbenzene

Concen: 126.34 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025924.D

Acq: 07 Aug 2018 06:58

Instrument :

MSVOA_U

ClientSampleId :

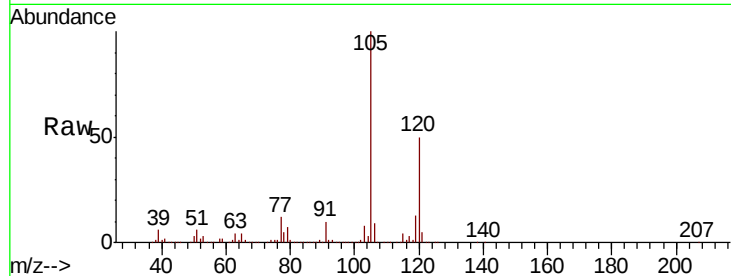
FL-0532

Tot Ion:105 Resp: 1680700

Ion Ratio Lower Upper

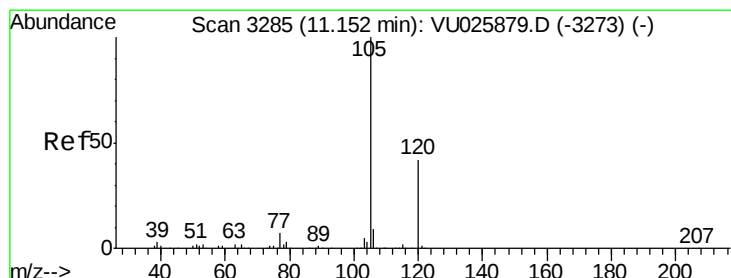
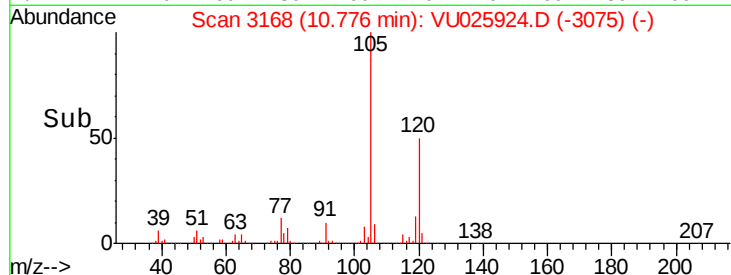
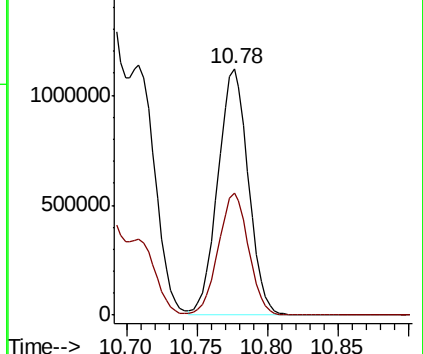
105 100

120 49.4 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): V

1500000 Ion 120.00 (119.70 to 120.70): V



#84

1,2,4-Trimethylbenzene

Concen: 386.33 ug/l

RT: 11.15 min Scan# 3285

Delta R.T. 0.00 min

Lab File: VU025924.D

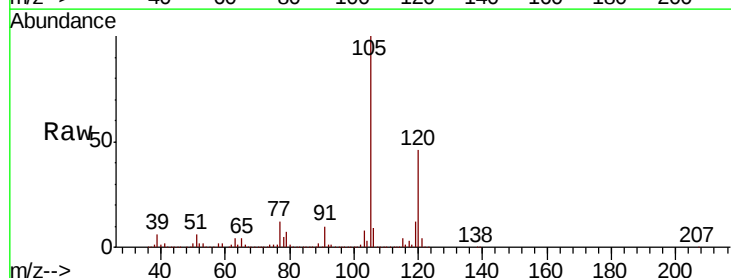
Acq: 07 Aug 2018 06:58

Tgt Ion:105 Resp: 5207975

Ion Ratio Lower Upper

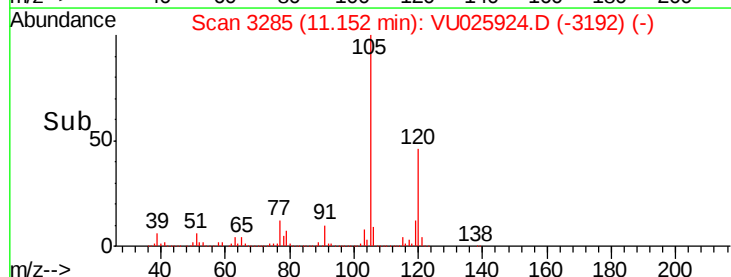
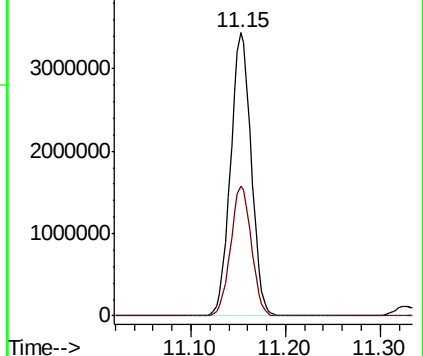
105 100

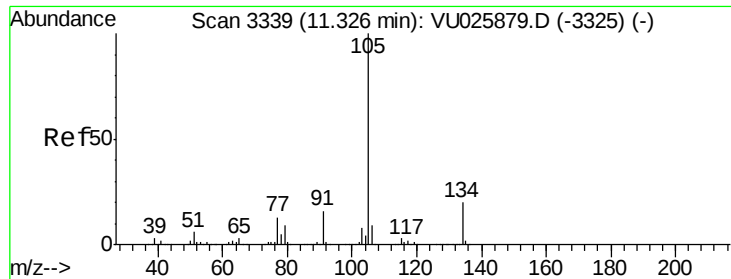
120 46.0 22.3 66.8



Abundance Ion 105.00 (104.70 to 105.70): V

4000000 Ion 120.00 (119.70 to 120.70): V

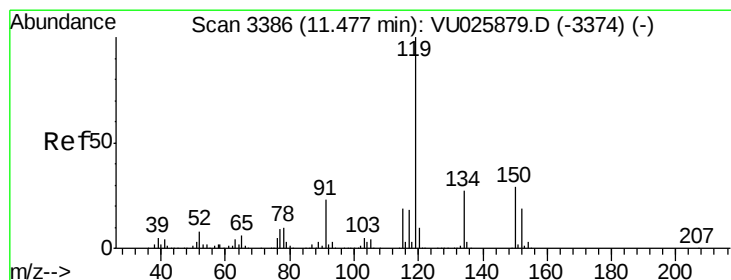
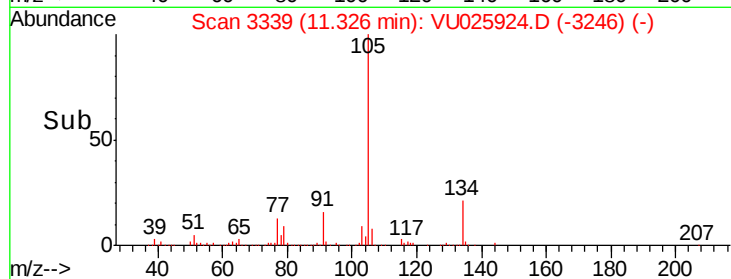
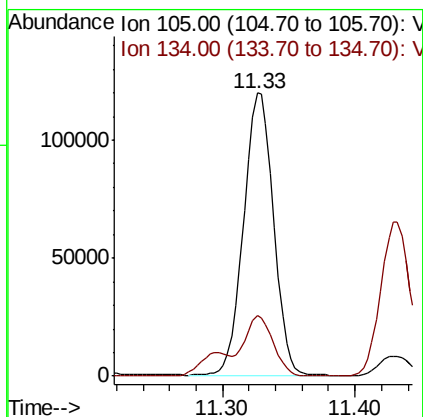
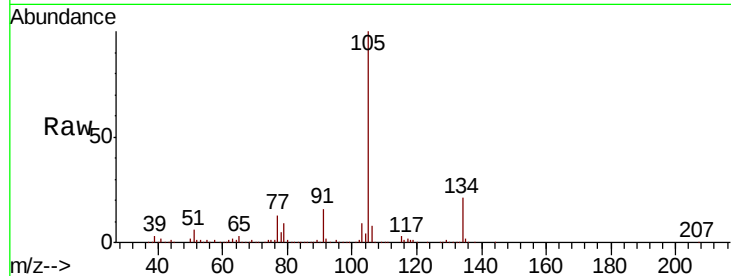




#85
 sec-Butylbenzene
 Concen: 11.61 ug/l
 RT: 11.33 min Scan# 3339
 Delta R.T. 0.00 min
 Lab File: VU025924.D
 Acq: 07 Aug 2018 06:58

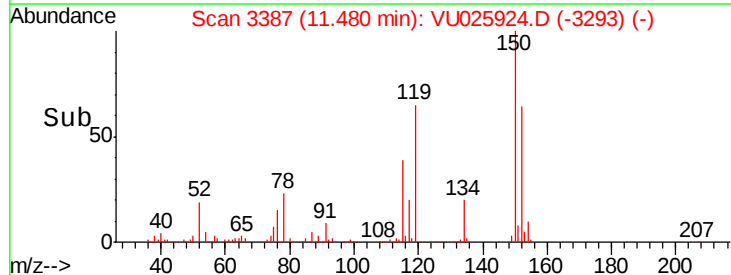
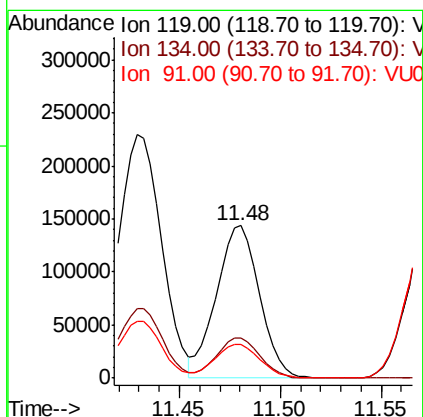
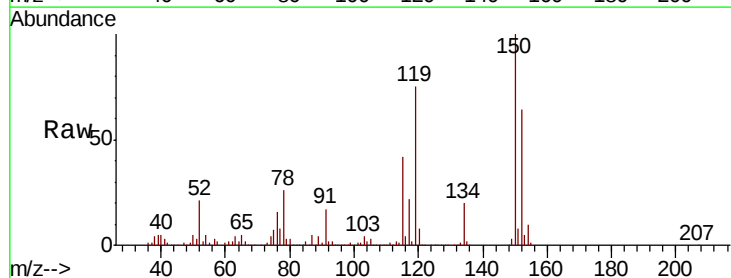
Instrument :
 MSVOA_U
 ClientSampled :
 FL-0532

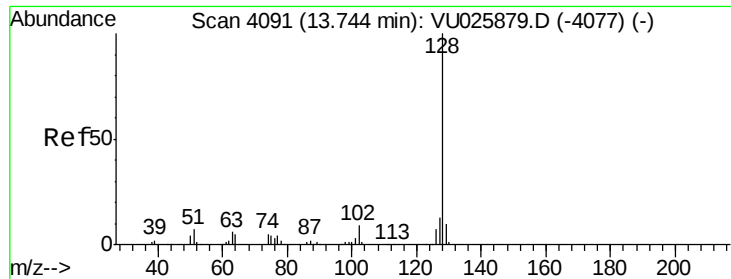
Tot Ion:105 Resp: 187368
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 14.82 ug/l
 RT: 11.48 min Scan# 3387
 Delta R.T. 0.00 min
 Lab File: VU025924.D
 Acq: 07 Aug 2018 06:58

Tgt Ion:119 Resp: 214198
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.2 39.5
 91 23.2 12.0 36.1

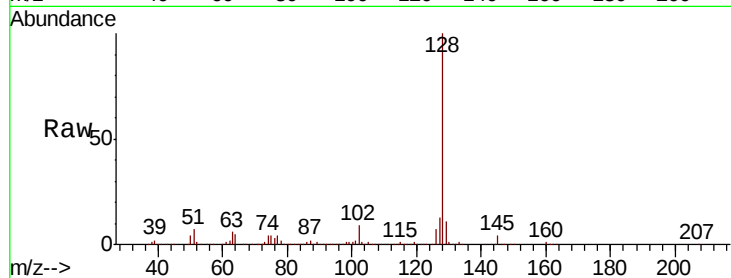




#95
 Naphthalene
 Concen: 33.75 ug/l
 RT: 13.74 min Scan# 4091
 Delta R.T. 0.00 min
 Lab File: VU025924.D
 Acq: 07 Aug 2018 06:58

Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0532

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.5	15.7
129	11.2	8.3	12.5



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

