

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070518\
 Data File : VU025206.D
 Acq On : 05 Jul 2018 11:21
 Operator : MD/SY
 Sample : J3783-01DL 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 S10-0147DL

Quant Time: Jul 06 05:29:59 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	213239	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	318210	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	292442	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	152673	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	160010	45.96	ug/l	0.00
Spiked Amount			Recovery	=	91.92%	
35) Dibromofluoromethane	4.89	113	124865	47.28	ug/l	0.00
Spiked Amount			Recovery	=	94.56%	
50) Toluene-d8	7.57	98	456795	47.42	ug/l	0.00
Spiked Amount			Recovery	=	94.84%	
62) 4-Bromofluorobenzene	10.31	95	170213	44.50	ug/l	0.00
Spiked Amount			Recovery	=	89.00%	

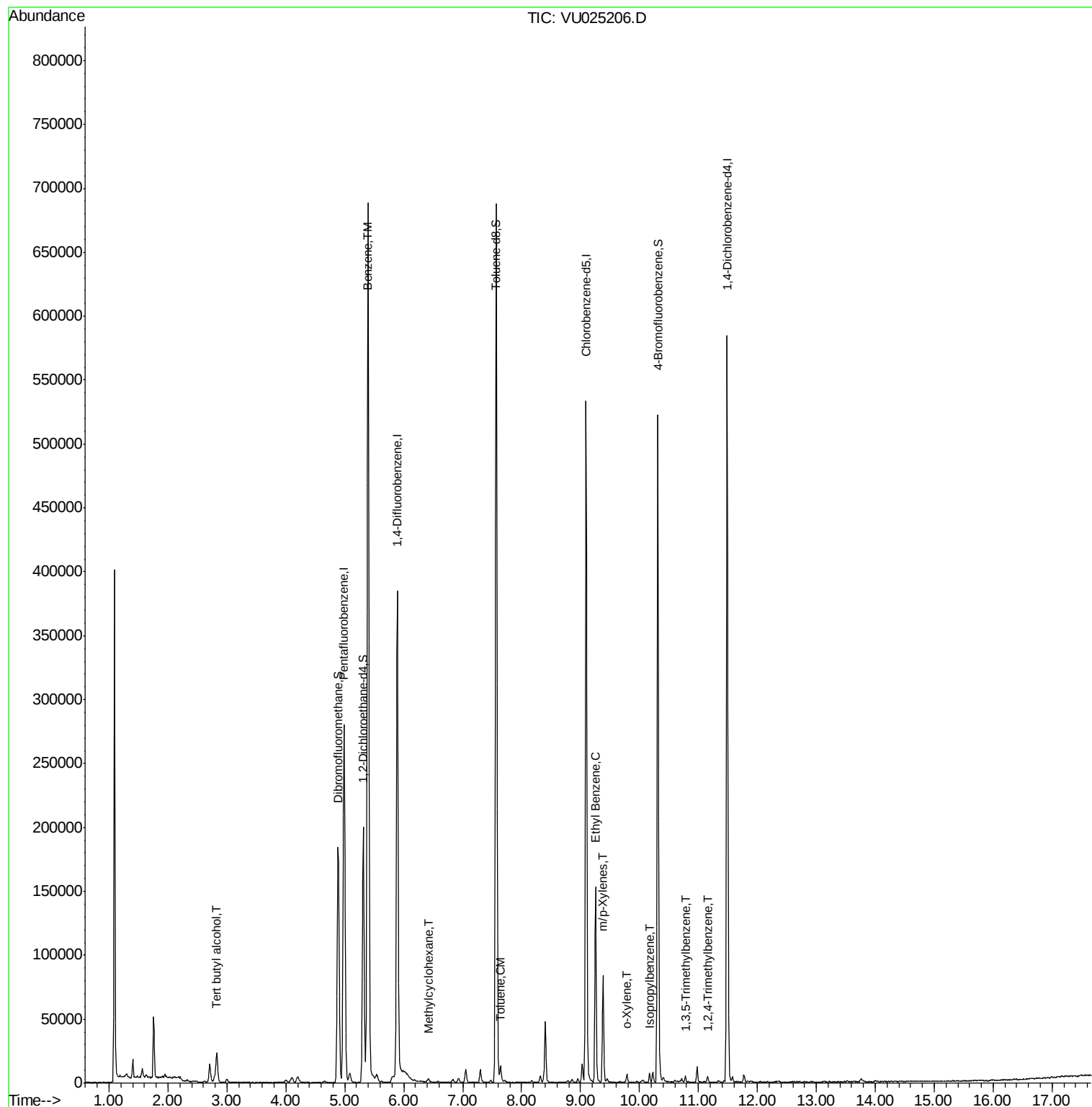
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	2.82	59	26847	31.710	ug/l	100
39) Methylcyclohexane	6.42	83	1194	0.256	ug/l	95
40) Benzene	5.39	78	672593	63.126	ug/l	99
52) Toluene	7.64	92	4577	0.668	ug/l	95
67) Ethyl Benzene	9.26	91	109847	8.387	ug/l	98
68) m/p-Xylenes	9.38	106	23122	4.598	ug/l	98
69) o-Xylene	9.79	106	1898	0.381	ug/l	98
73) Isopropylbenzene	10.17	105	4723	0.403	ug/l	92
80) 1,3,5-Trimethylbenzene	10.78	105	2810	0.277	ug/l	91
84) 1,2,4-Trimethylbenzene	11.15	105	2838	0.274	ug/l	89

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU070518\
Data File : VU025206.D
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Operator : MD/SY
Sample : J3783-01DL 10X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
S10-0147DL

Quant Time: Jul 06 05:29:59 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
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: VU025206.D

Acq: 05 Jul 2018 11:21

Instrument :

MSVOA_U

ClientSampleId :

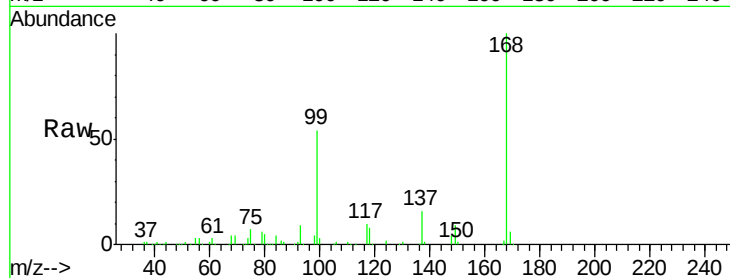
S10-0147DL

Tot Ion:168 Resp: 213239

Ion Ratio Lower Upper

168 100

99 54.3 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) (-)

4.99

100000

80000

60000

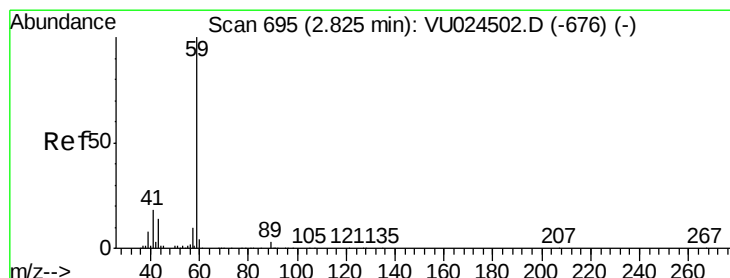
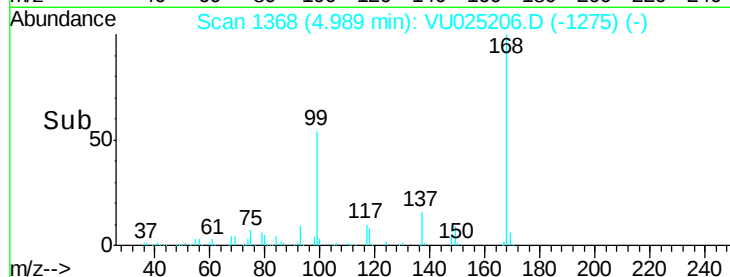
40000

20000

0

4.90 4.95 5.00 5.05

Time-->



#11

Tert butyl alcohol

Concen: 31.710 ug/l

RT: 2.82 min Scan# 695

Delta R.T. -0.00 min

Lab File: VU025206.D

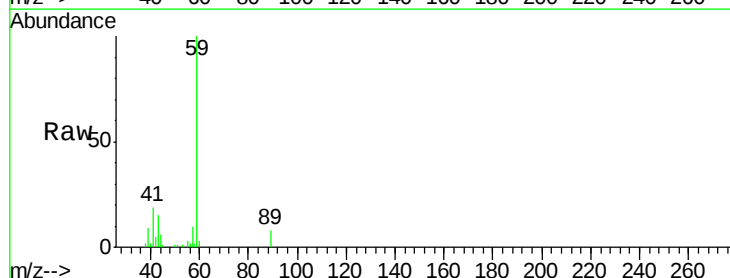
Acq: 05 Jul 2018 11:21

Tgt Ion: 59 Resp: 26847

Ion Ratio Lower Upper

59 100

57 10.4 8.5 12.7



Abundance Ion 59.00 (58.70 to 59.70): VU024502.D (-676) (-)

Ion 57.00 (56.70 to 57.70): VU024502.D (-676) (-)

2.82

15000

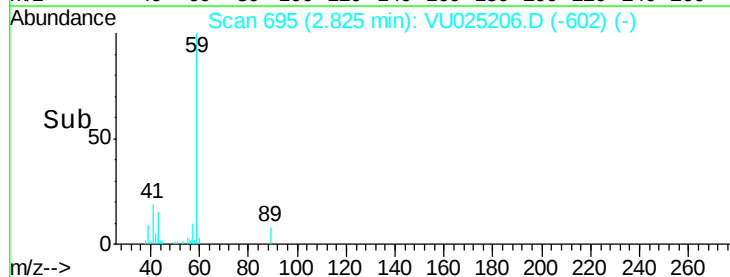
10000

5000

0

2.75 2.80 2.85 2.90

Time-->

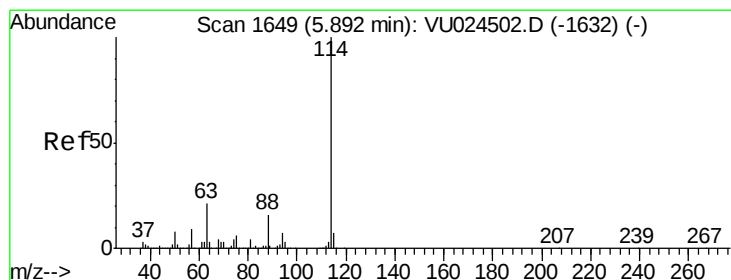
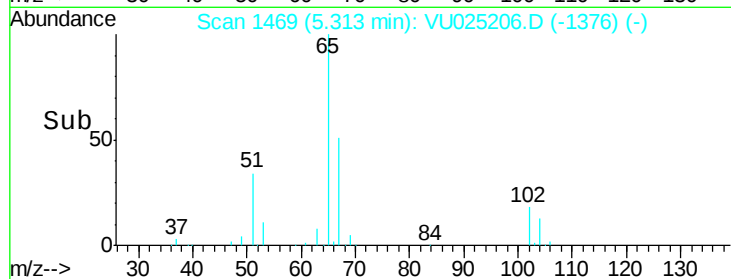
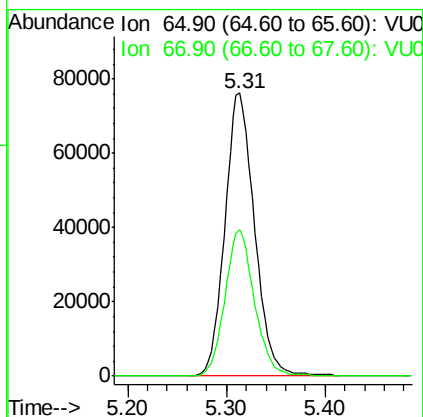
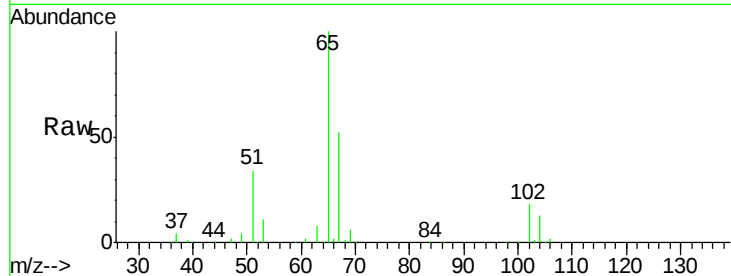




#33
 1,2-Dichloroethane-d4
 Concen: 45.964 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VU025206.D
 Acq: 05 Jul 2018 11:21

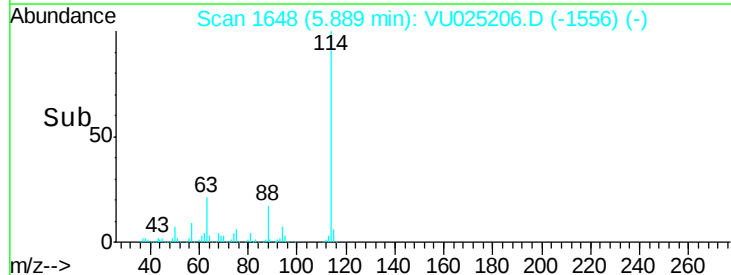
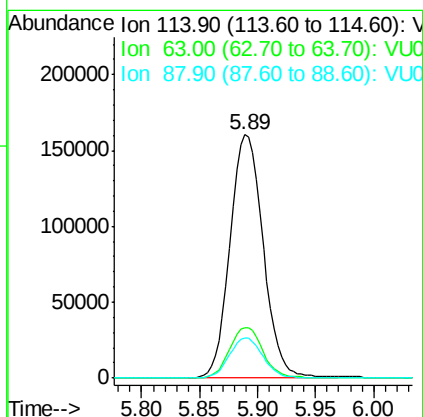
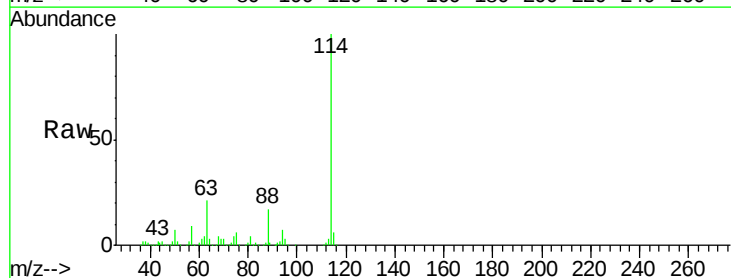
Instrument :
 MSVOA_U
 ClientSampleId :
 S10-0147DL

Tot Ion: 65 Resp: 160010
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VU025206.D
 Acq: 05 Jul 2018 11:21

Tgt Ion: 114 Resp: 318210
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 45.4
 88 16.6 0.0 31.0

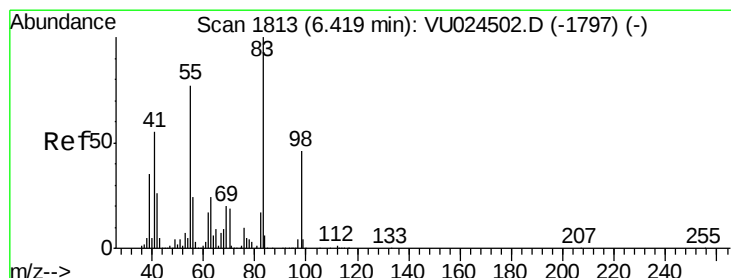
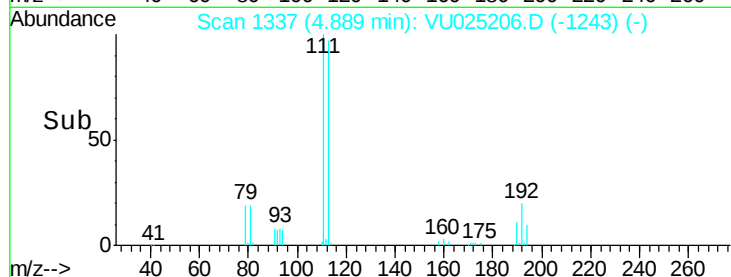
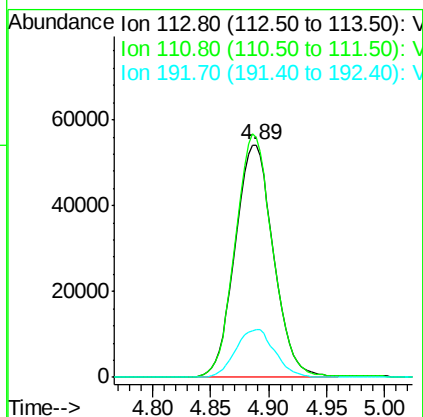
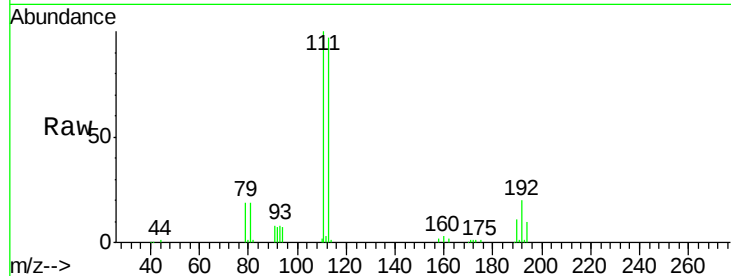




#35
Dibromofluoromethane
Concen: 47.281 ug/l
RT: 4.89 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VU025206.D
Acq: 05 Jul 2018 11:21

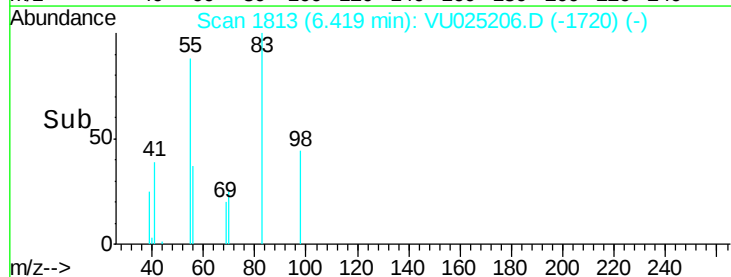
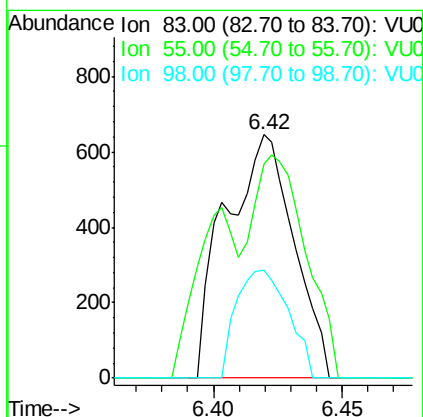
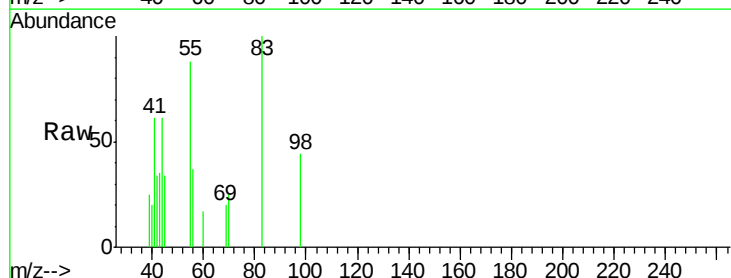
Instrument :
MSVOA_U
ClientSampleId :
S10-0147DL

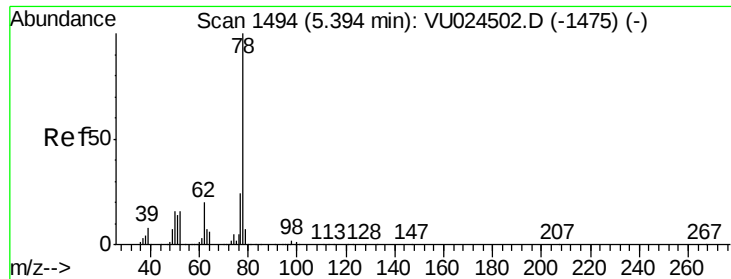
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.2	123.4
192	21.2	16.2	24.4



#39
Methylcyclohexane
Concen: 0.256 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. -0.00 min
Lab File: VU025206.D
Acq: 05 Jul 2018 11:21

Tgt Ion	Ratio	Lower	Upper
83	100		
55	87.8	65.8	98.6
98	44.4	36.7	55.1





#40

Benzene

Concen: 63.126 ug/l

RT: 5.39 min Scan# 1494

Delta R.T. -0.00 min

Lab File: VU025206.D

Acq: 05 Jul 2018 11:21

Instrument :

MSVOA_U

ClientSampleId :

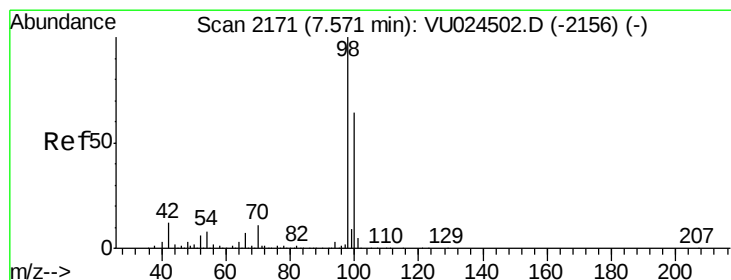
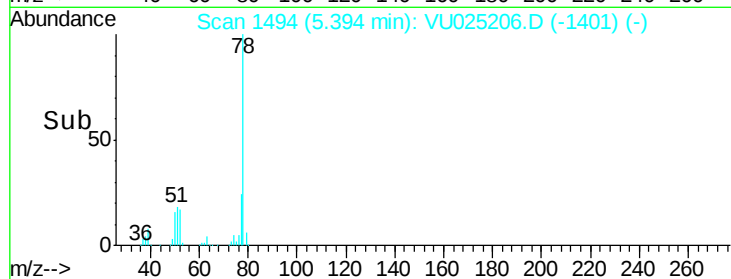
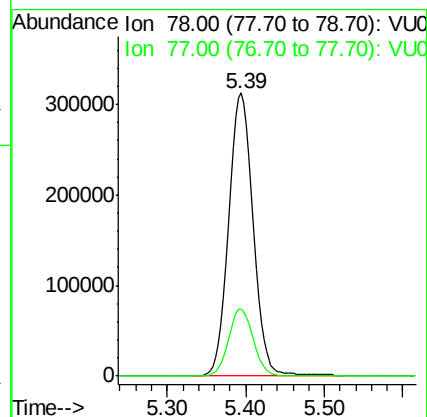
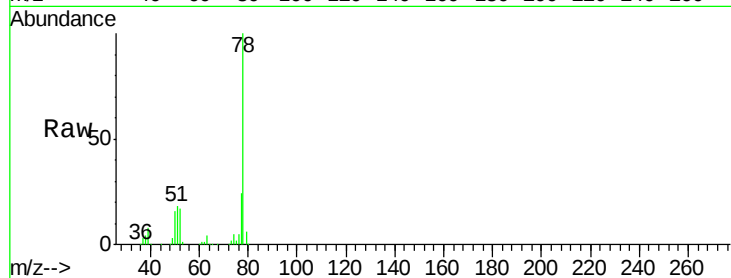
S10-0147DL

Tot Ion: 78 Resp: 672593

Ion Ratio Lower Upper

78 100

77 23.6 19.2 28.8



#50

Toluene-d8

Concen: 47.420 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU025206.D

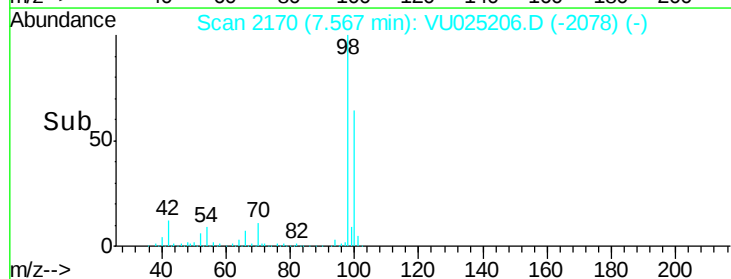
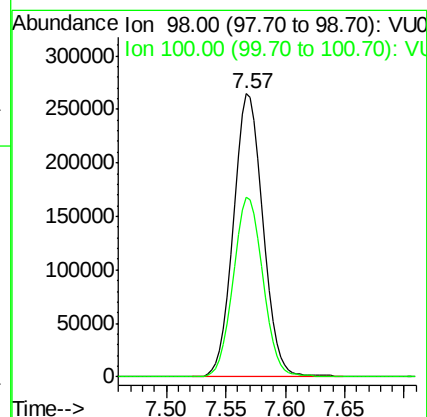
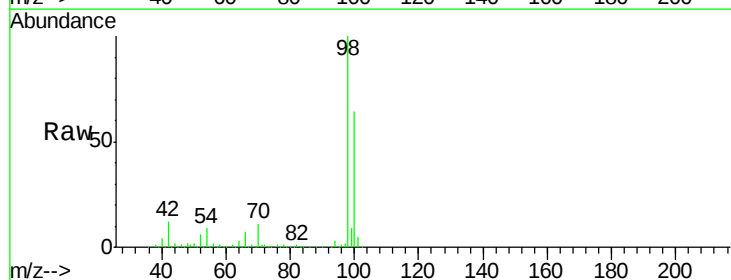
Acq: 05 Jul 2018 11:21

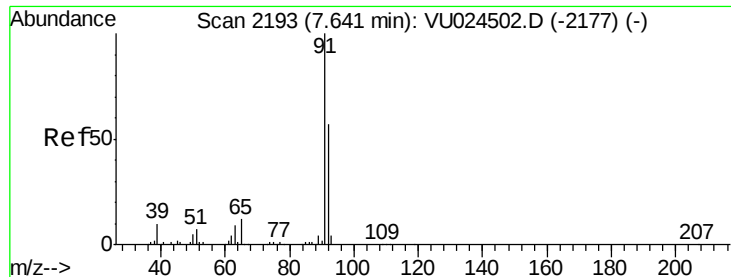
Tgt Ion: 98 Resp: 456795

Ion Ratio Lower Upper

98 100

100 63.9 51.1 76.7





#52

Toluene

Concen: 0.668 ug/l

RT: 7.64 min Scan# 2194

Delta R.T. 0.00 min

Lab File: VU025206.D

Acq: 05 Jul 2018 11:21

Instrument :

MSVOA_U

ClientSampleId :

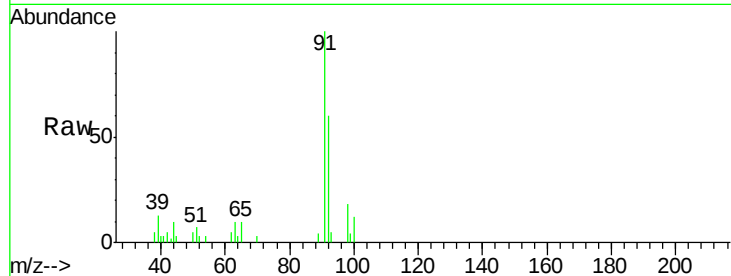
S10-0147DL

Tot Ion: 92 Resp: 4577

Ion Ratio Lower Upper

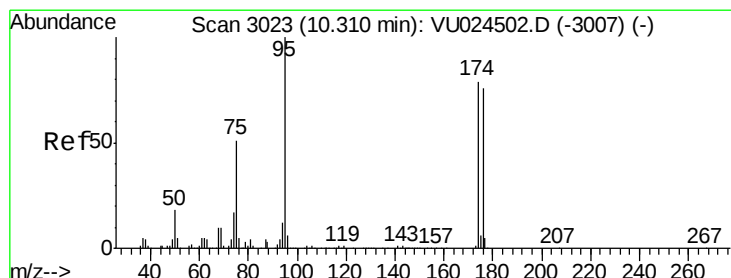
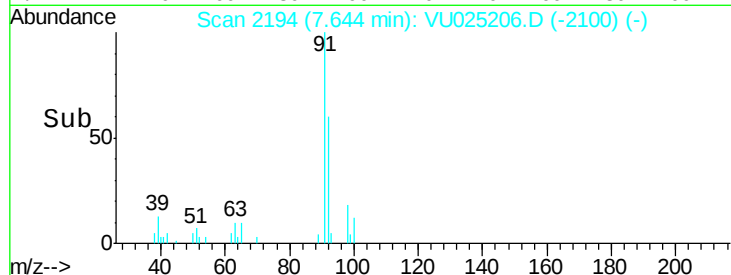
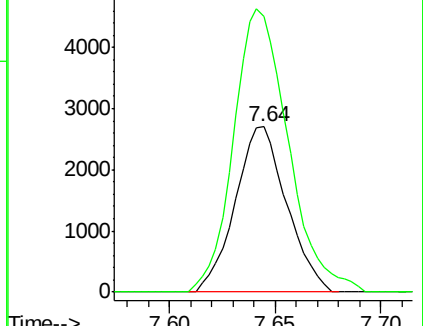
92 100

91 182.2 140.5 210.7



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0



#62

4-Bromofluorobenzene

Concen: 44.504 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.00 min

Lab File: VU025206.D

Acq: 05 Jul 2018 11:21

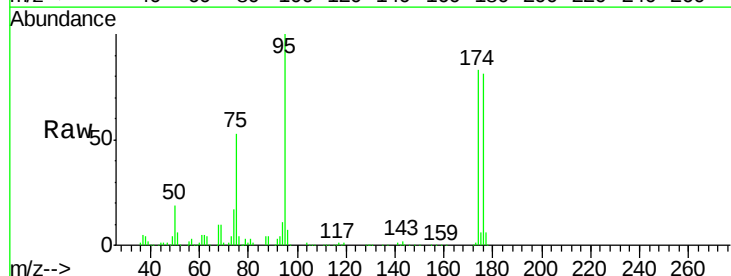
Tgt Ion: 95 Resp: 170213

Ion Ratio Lower Upper

95 100

174 84.3 0.0 165.8

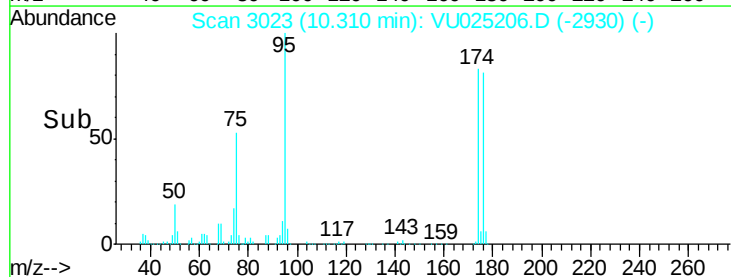
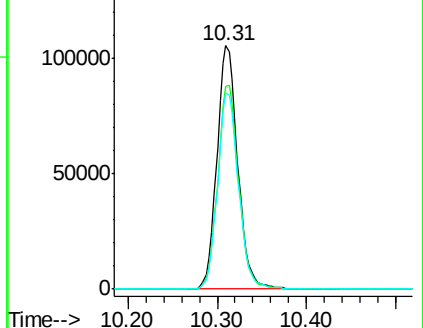
176 81.1 0.0 159.4

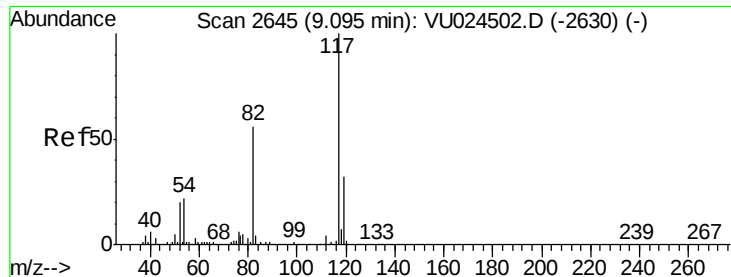


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

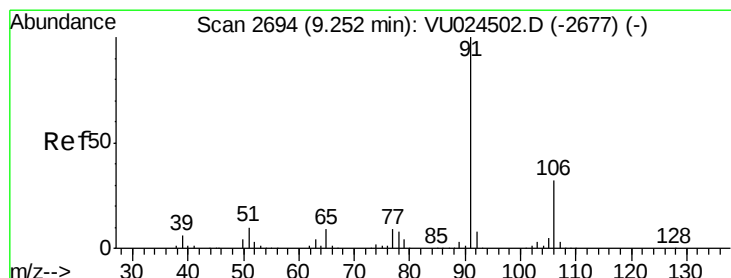
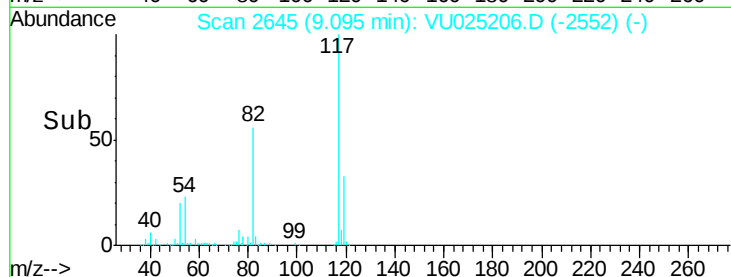
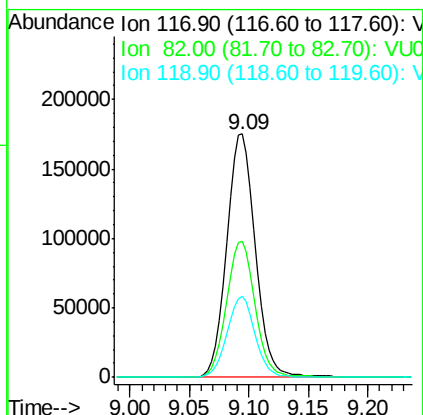
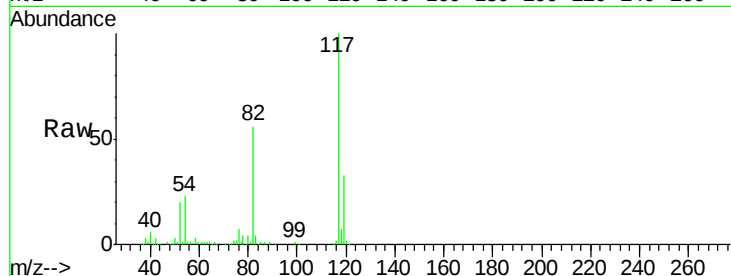




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. -0.00 min
Lab File: VU025206.D
Acq: 05 Jul 2018 11:21

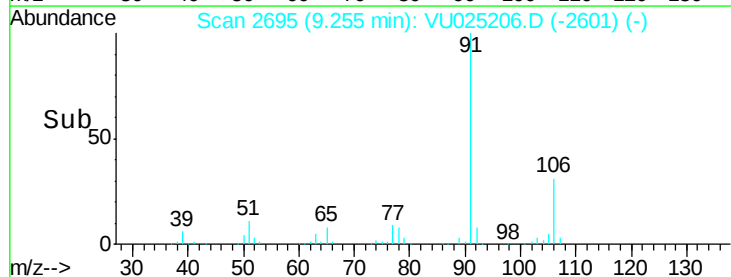
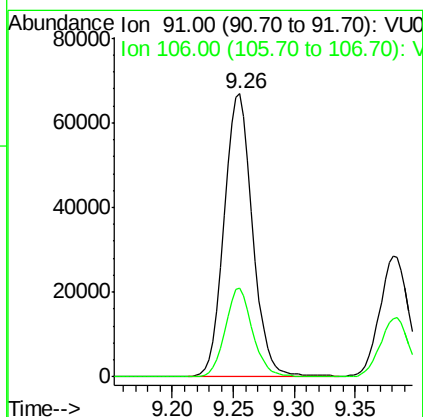
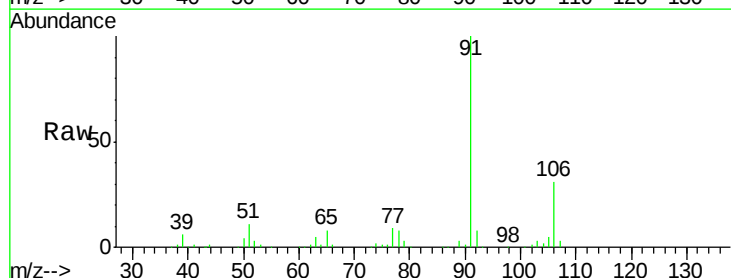
Instrument :
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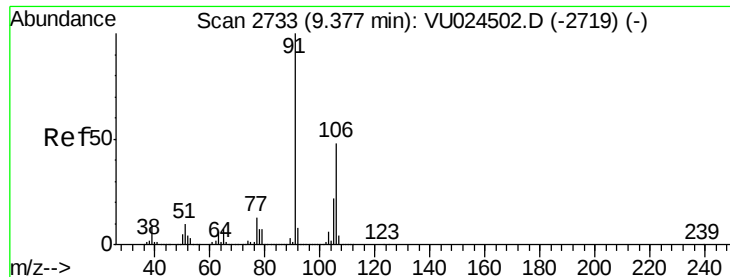
Tot Ion:117 Resp: 292442
Ion Ratio Lower Upper
117 100
82 55.9 44.3 66.5
119 33.3 25.4 38.2



#67
Ethyl Benzene
Concen: 8.387 ug/l
RT: 9.26 min Scan# 2695
Delta R.T. 0.00 min
Lab File: VU025206.D
Acq: 05 Jul 2018 11:21

Tgt Ion: 91 Resp: 109847
Ion Ratio Lower Upper
91 100
106 31.5 24.2 36.4

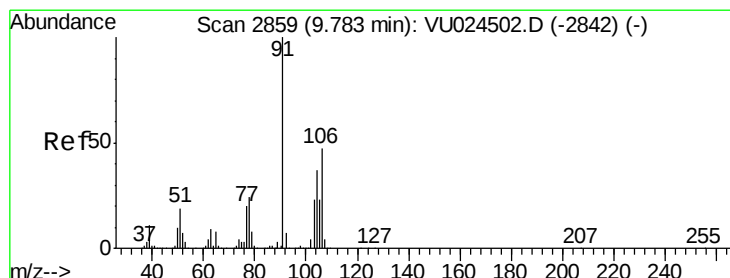
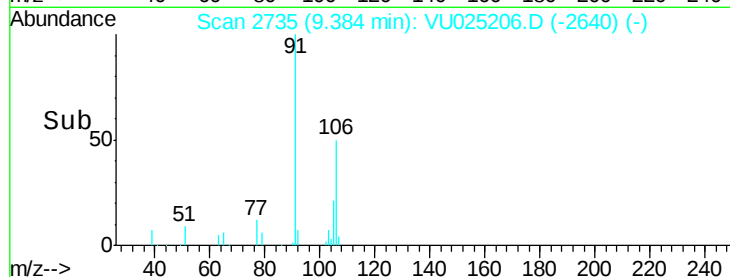
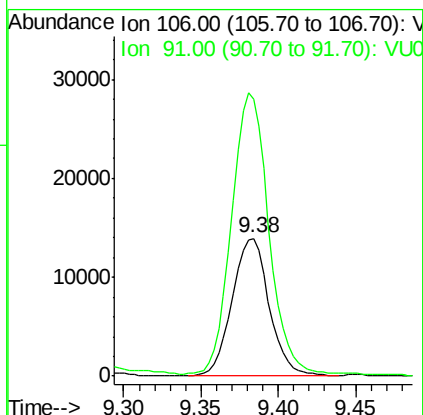
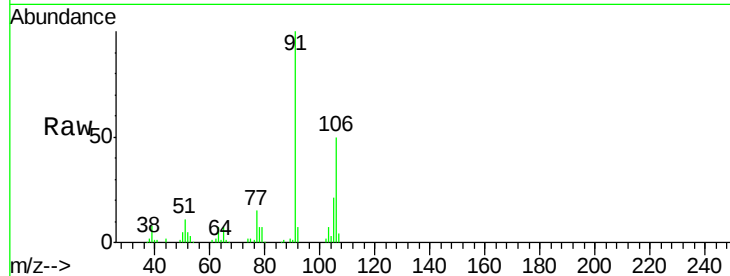




#68
m/p-Xylenes
Concen: 4.598 ug/l
RT: 9.38 min Scan# 2735
Delta R.T. 0.01 min
Lab File: VU025206.D
Acq: 05 Jul 2018 11:21

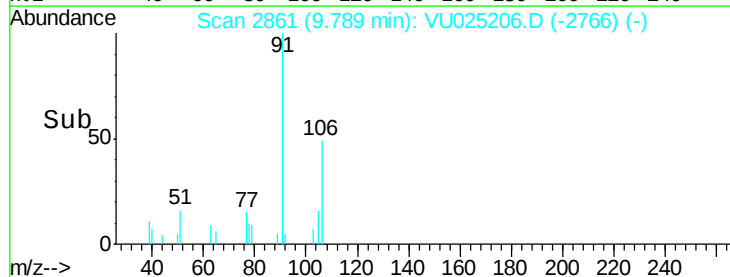
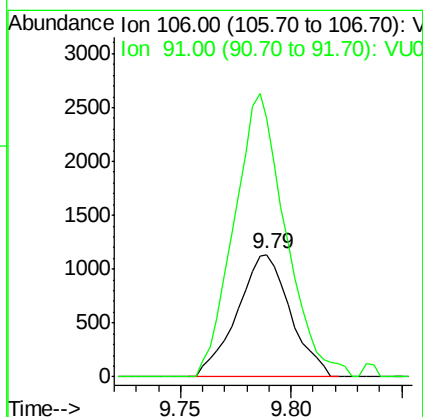
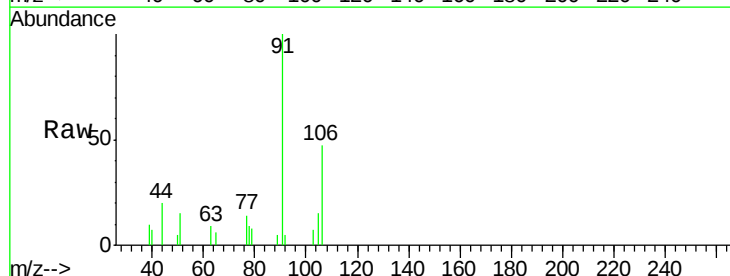
Instrument :
MSVOA_U
ClientSampleId :
S10-0147DL

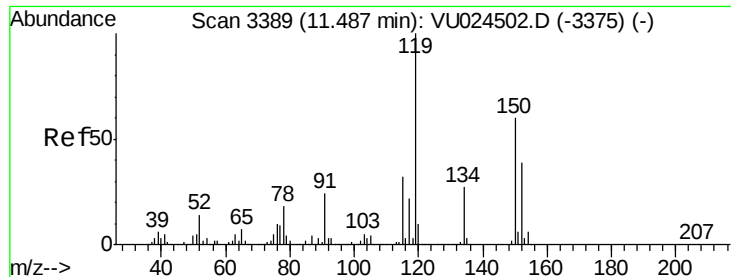
Tot Ion:106 Resp: 23122
Ion Ratio Lower Upper
106 100
91 204.7 166.5 249.7



#69
o-Xylene
Concen: 0.381 ug/l
RT: 9.79 min Scan# 2861
Delta R.T. 0.01 min
Lab File: VU025206.D
Acq: 05 Jul 2018 11:21

Tgt Ion:106 Resp: 1898
Ion Ratio Lower Upper
106 100
91 224.0 110.7 331.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VU025206.D

Acq: 05 Jul 2018 11:21

Instrument :

MSVOA_U

ClientSampleId :

S10-0147DL

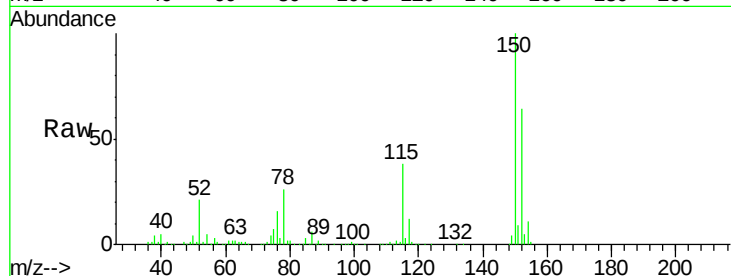
Tot Ion:152 Resp: 152673

Ion Ratio Lower Upper

152 100

115 58.6 43.0 129.0

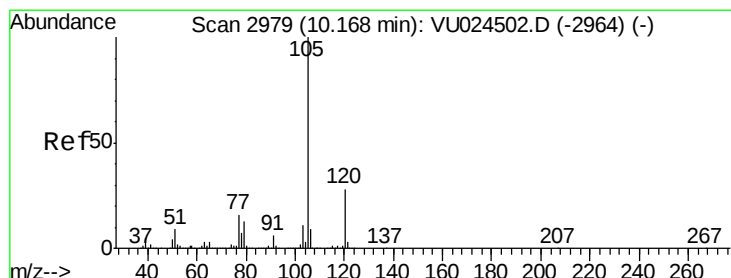
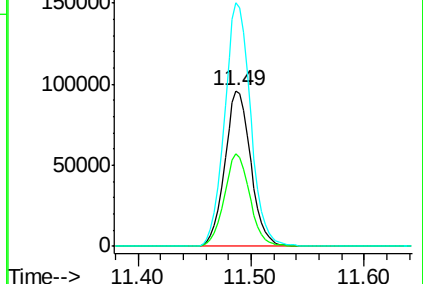
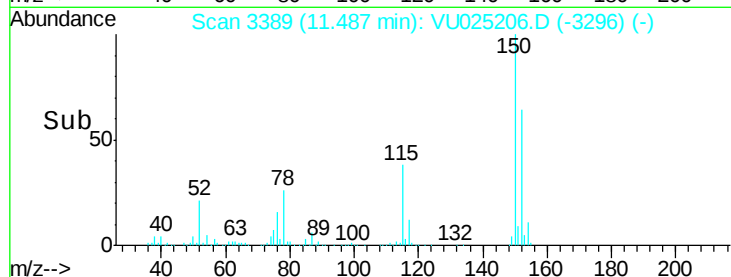
150 157.1 0.0 354.0



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



#73

Isopropylbenzene

Concen: 0.403 ug/l

RT: 10.17 min Scan# 2980

Delta R.T. 0.00 min

Lab File: VU025206.D

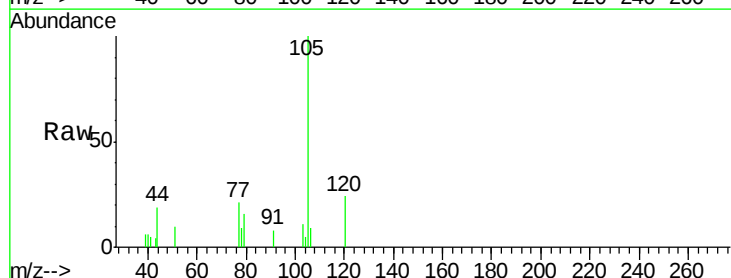
Acq: 05 Jul 2018 11:21

Tgt Ion:105 Resp: 4723

Ion Ratio Lower Upper

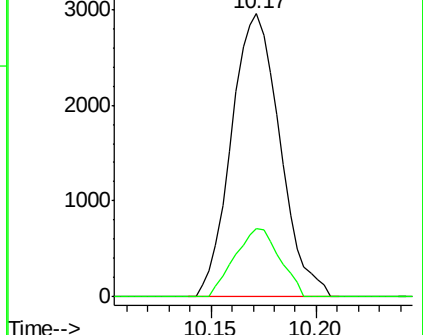
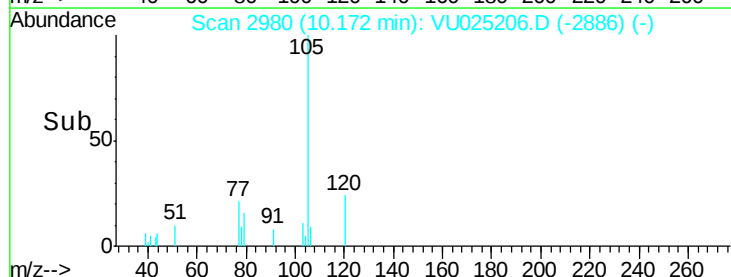
105 100

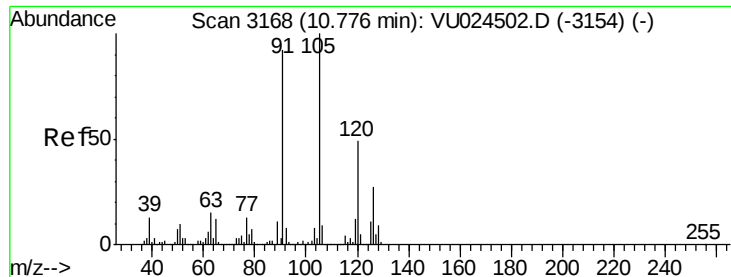
120 22.3 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#80

1,3,5-Trimethylbenzene

Concen: 0.277 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. -0.00 min

Lab File: VU025206.D

Acq: 05 Jul 2018 11:21

Instrument :

MSVOA_U

ClientSampleId :

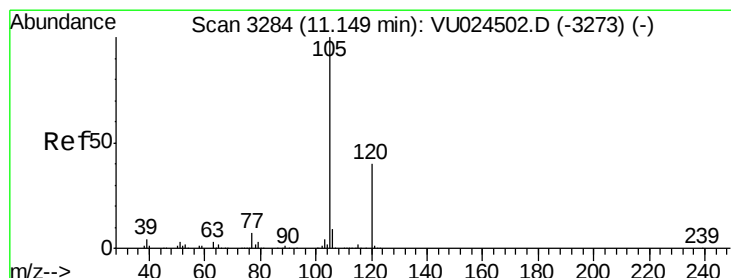
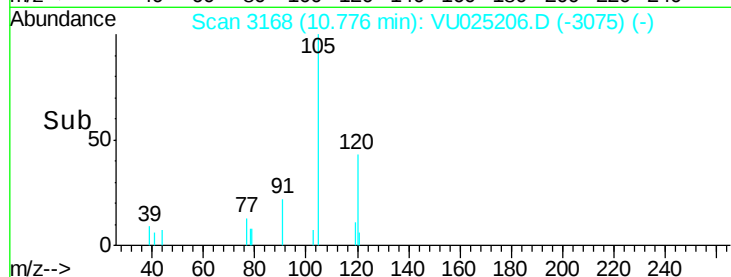
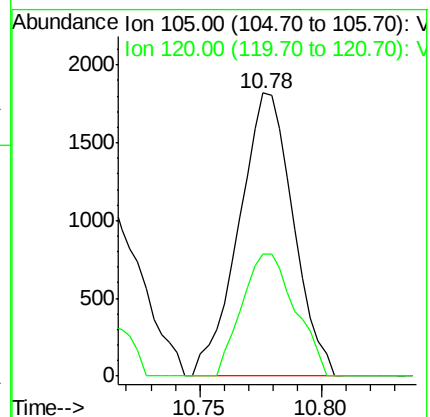
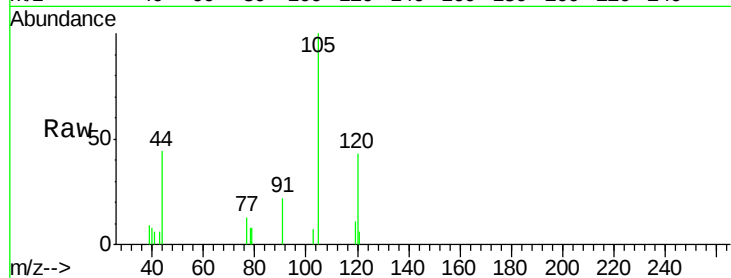
S10-0147DL

Tot Ion:105 Resp: 2810

Ion Ratio Lower Upper

105 100

120 42.3 24.1 72.2



#84

1,2,4-Trimethylbenzene

Concen: 0.274 ug/l

RT: 11.15 min Scan# 3285

Delta R.T. 0.00 min

Lab File: VU025206.D

Acq: 05 Jul 2018 11:21

Tgt Ion:105 Resp: 2838

Ion Ratio Lower Upper

105 100

120 52.3 22.6 67.8

