

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX120418\
 Data File : VX006280.D
 Acq On : 04 Dec 2018 16:01
 Operator : JC/MD
 Sample : J6141-01DL 400X
 Misc : 1.00g/10mL/100ul/5.00ml/MSVOA_X/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GDDL

Quant Time: Dec 05 09:34:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	848725	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1305301	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1185943	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	598774	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	423594	48.89	ug/l	0.00
Spiked Amount			Recovery	=	97.78%	
35) Dibromofluoromethane	5.51	113	408022	48.28	ug/l	0.00
Spiked Amount			Recovery	=	96.56%	
50) Toluene-d8	8.71	98	1526616	49.66	ug/l	0.00
Spiked Amount			Recovery	=	99.32%	
62) 4-Bromofluorobenzene	11.13	95	564629	48.74	ug/l	0.00
Spiked Amount			Recovery	=	97.48%	

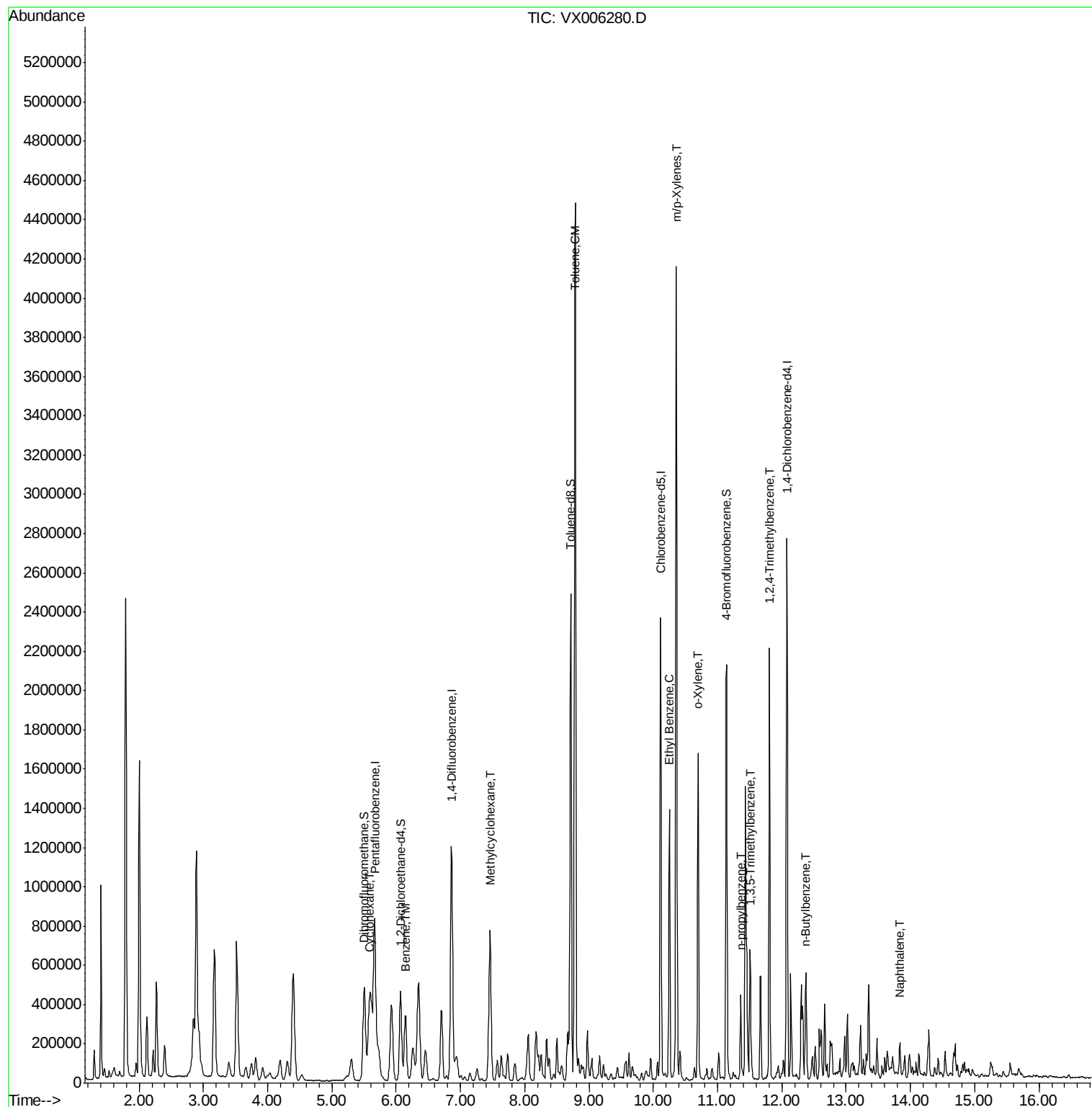
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Cyclohexane	5.58	56	285337	22.796	ug/l	98
39) Methylcyclohexane	7.46	83	369093	25.869	ug/l	97
40) Benzene	6.15	78	416806	12.660	ug/l	95
52) Toluene	8.79	92	1724223	79.607	ug/l	99
67) Ethyl Benzene	10.25	91	779409	18.615	ug/l	100
68) m/p-Xylenes	10.36	106	1048187	62.495	ug/l	100
69) o-Xylene	10.70	106	394350	23.803	ug/l	98
78) n-propylbenzene	11.36	91	264508	5.755	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	284004	8.255	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1010598	28.447	ug/l	99
89) n-Butylbenzene	12.38	91	85021	2.650	ug/l #	30
95) Naphthalene	13.83	128	117642	2.558	ug/l	99

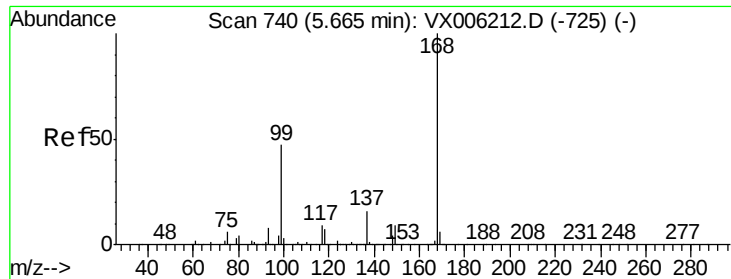
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX120418\
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Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006280.D

Acq: 04 Dec 2018 16:01

Instrument :

MSVOA_X

ClientSampleId :

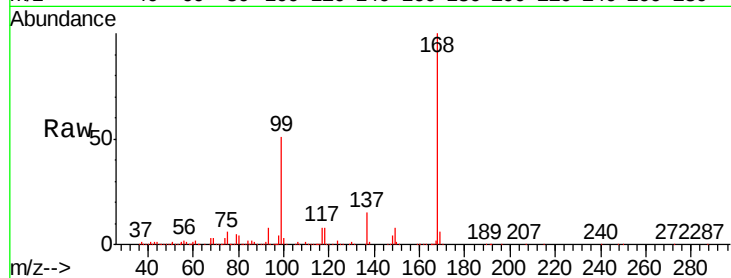
GDDL

Tgt Ion:168 Resp: 848725

Ion Ratio Lower Upper

168 100

99 50.6 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

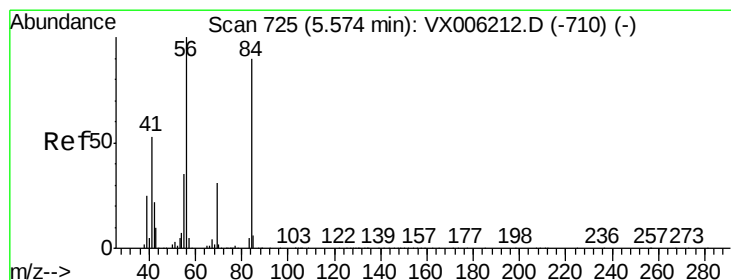
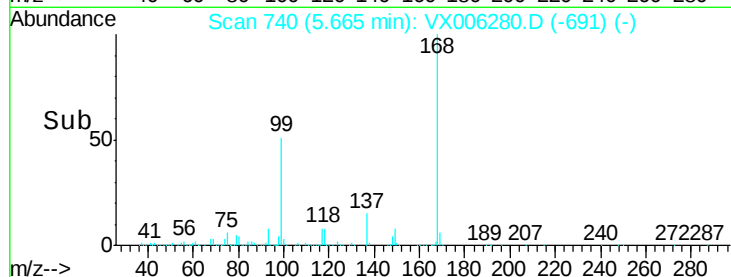
300000

200000

100000

0

Time-->



#31

Cyclohexane

Concen: 22.796 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.01 min

Lab File: VX006280.D

Acq: 04 Dec 2018 16:01

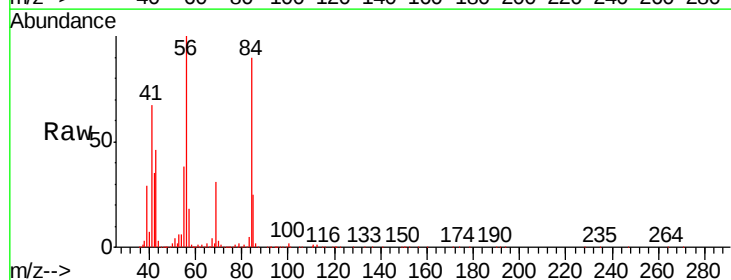
Tgt Ion: 56 Resp: 285337

Ion Ratio Lower Upper

56 100

69 28.0 24.5 36.7

84 90.4 71.8 107.6



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

100000

80000

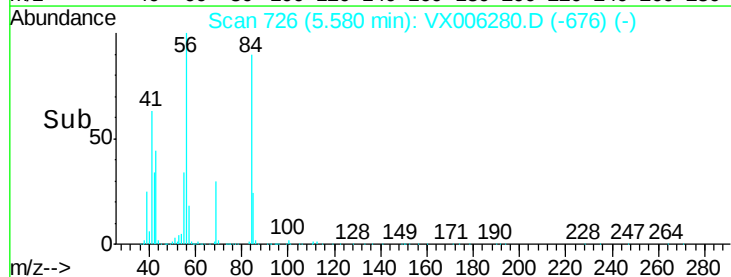
60000

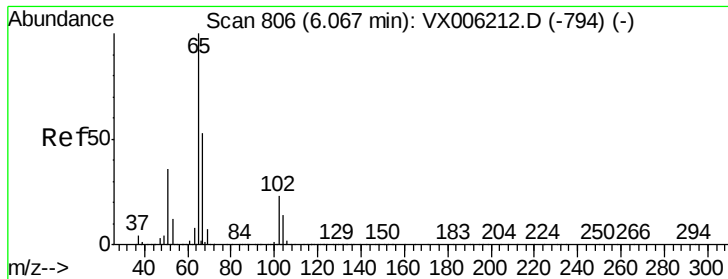
40000

20000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 48.891 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006280.D

Acq: 04 Dec 2018 16:01

Instrument :

MSVOA_X

ClientSampleId :

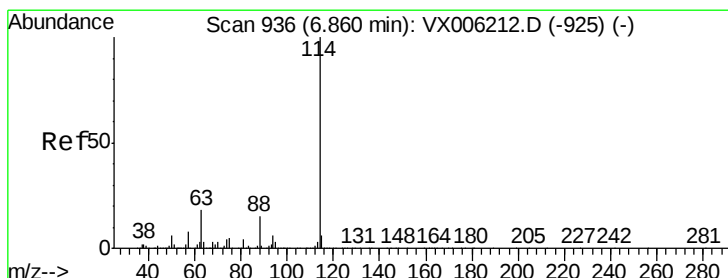
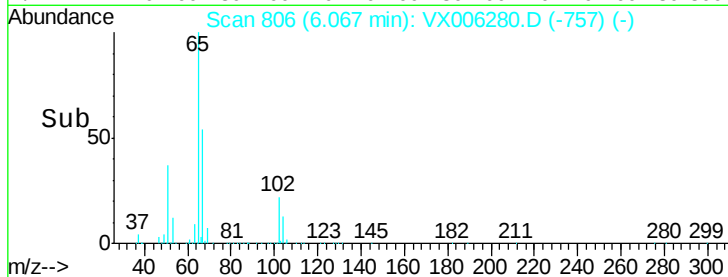
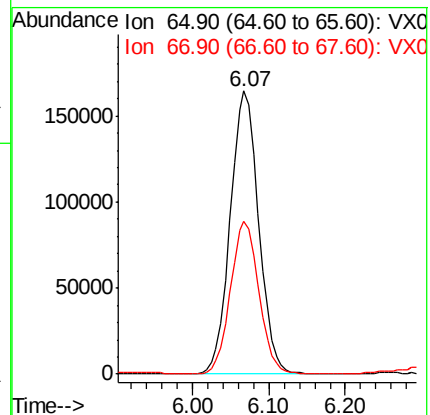
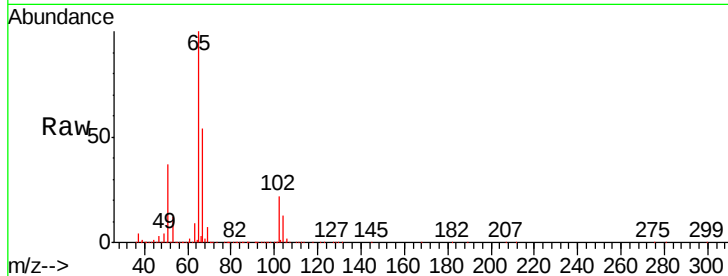
GDDL

Tgt Ion: 65 Resp: 423594

Ion Ratio Lower Upper

65 100

67 53.6 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006280.D

Acq: 04 Dec 2018 16:01

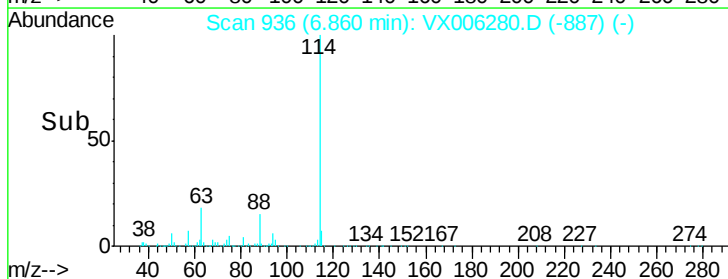
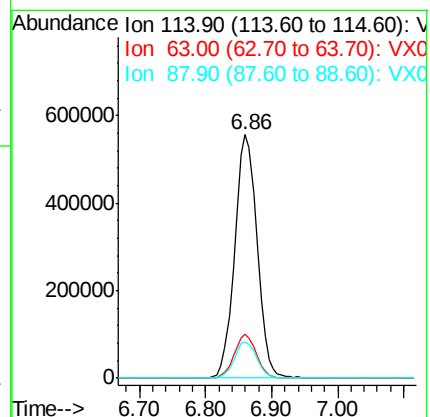
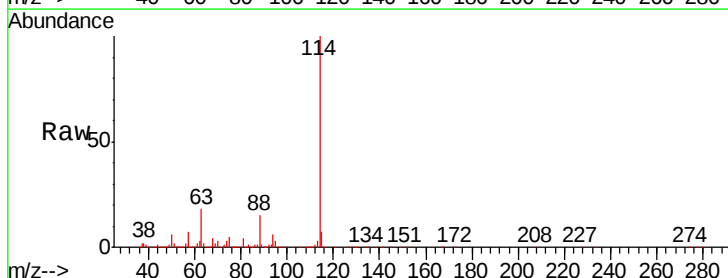
Tgt Ion: 114 Resp: 1305301

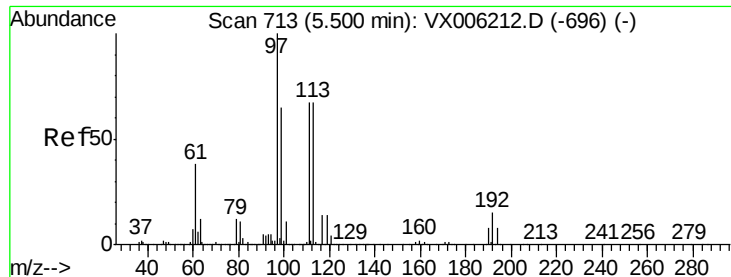
Ion Ratio Lower Upper

114 100

63 17.8 0.0 36.6

88 14.8 0.0 29.0





#35

Dibromofluoromethane

Concen: 48.279 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006280.D

Acq: 04 Dec 2018 16:01

Instrument :

MSVOA_X

ClientSampleId :

GDDL

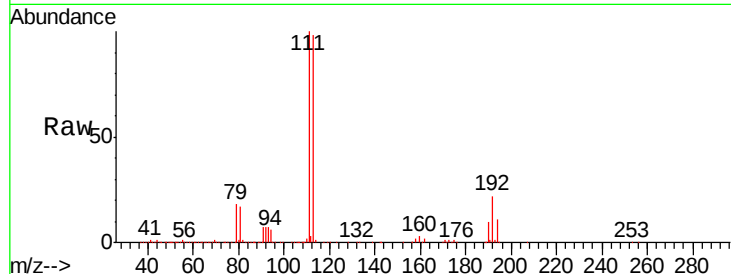
Tgt Ion: 113 Resp: 408022

Ion Ratio Lower Upper

113 100

111 101.7 81.1 121.7

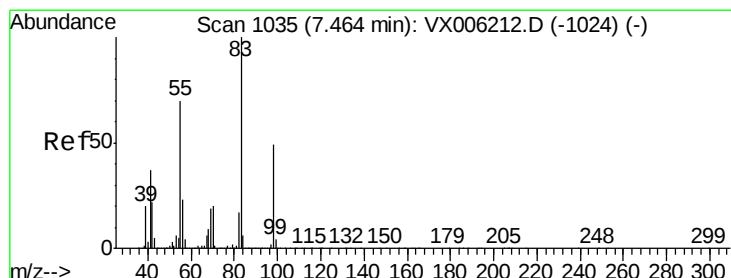
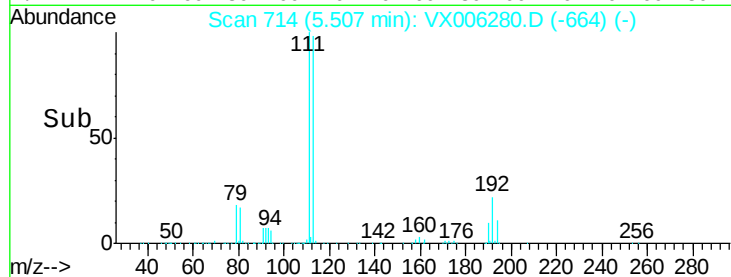
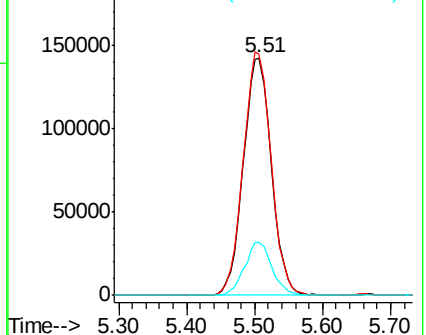
192 21.7 18.2 27.2



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



#39

Methylcyclohexane

Concen: 25.869 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.00 min

Lab File: VX006280.D

Acq: 04 Dec 2018 16:01

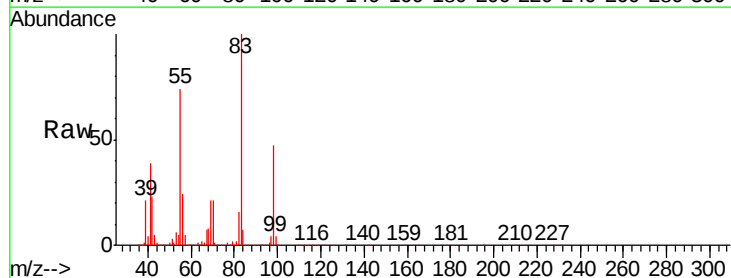
Tgt Ion: 83 Resp: 369093

Ion Ratio Lower Upper

83 100

55 73.7 56.4 84.6

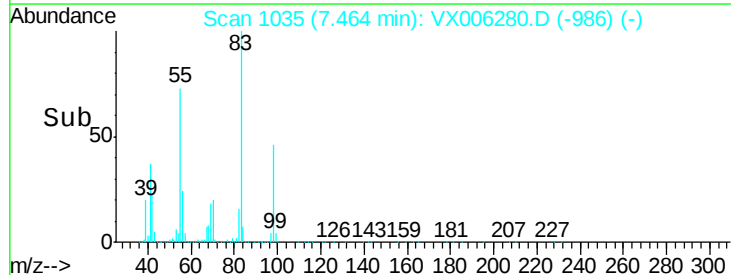
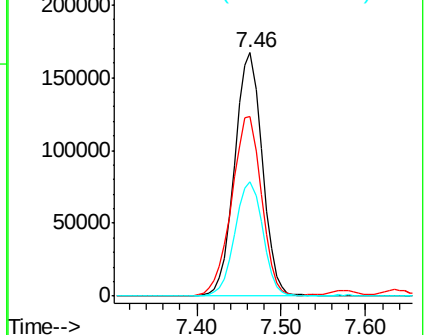
98 47.1 39.0 58.6

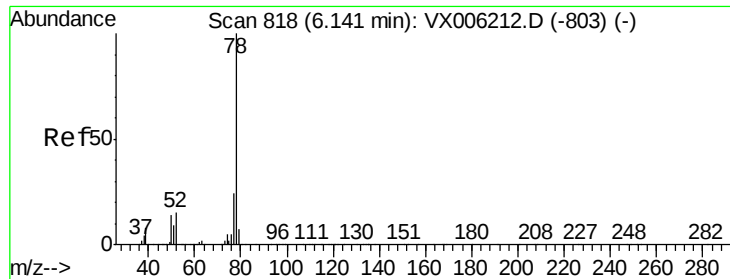


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 12.660 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX006280.D

Acq: 04 Dec 2018 16:01

Instrument :

MSVOA_X

ClientSampleId :

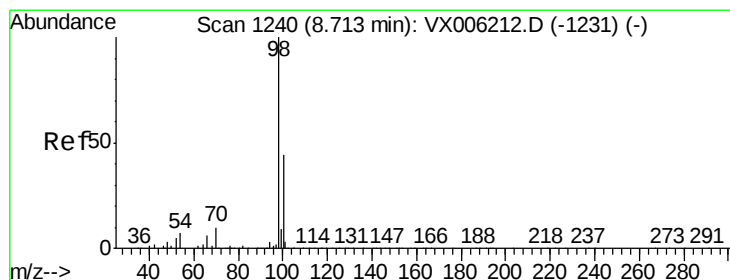
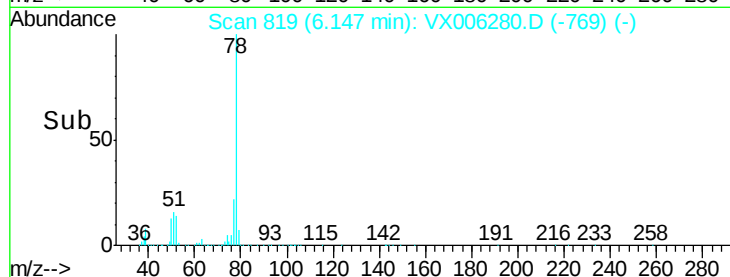
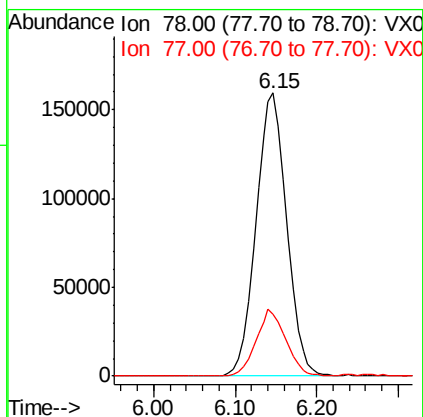
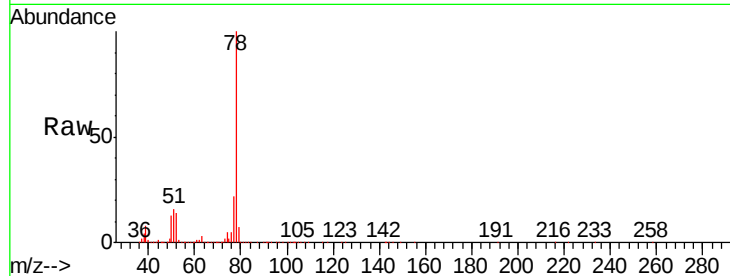
GDDL

Tgt Ion: 78 Resp: 416806

Ion Ratio Lower Upper

78 100

77 21.7 19.2 28.8



#50

Toluene-d8

Concen: 49.661 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006280.D

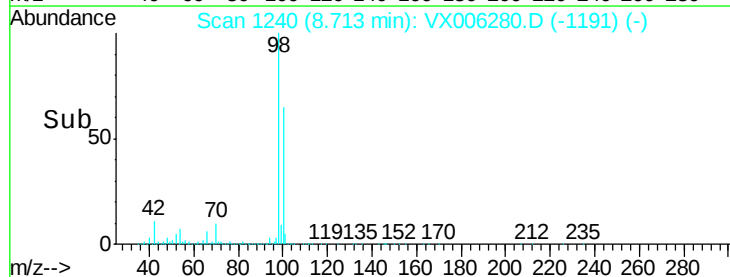
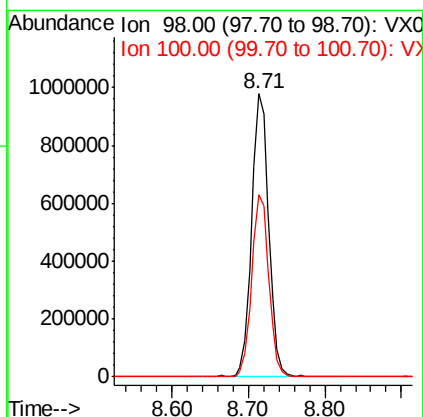
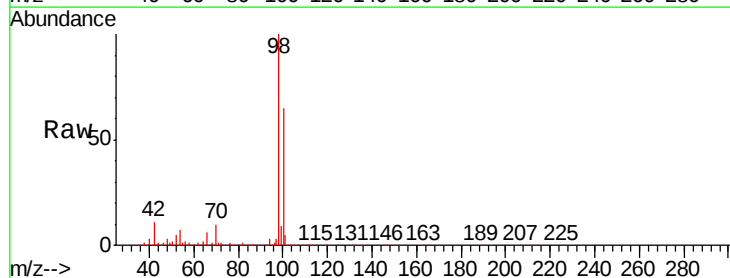
Acq: 04 Dec 2018 16:01

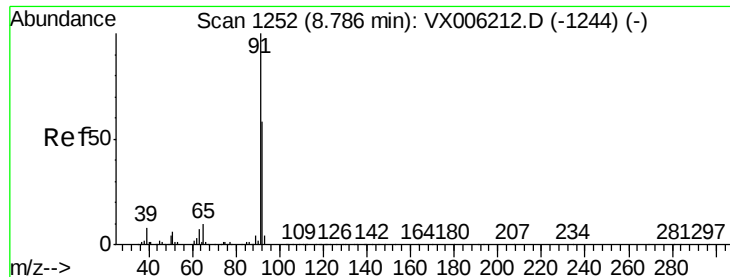
Tgt Ion: 98 Resp: 1526616

Ion Ratio Lower Upper

98 100

100 64.4 52.2 78.2





#52

Toluene

Concen: 79.607 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX006280.D

Acq: 04 Dec 2018 16:01

Instrument :

MSVOA_X

ClientSampleId :

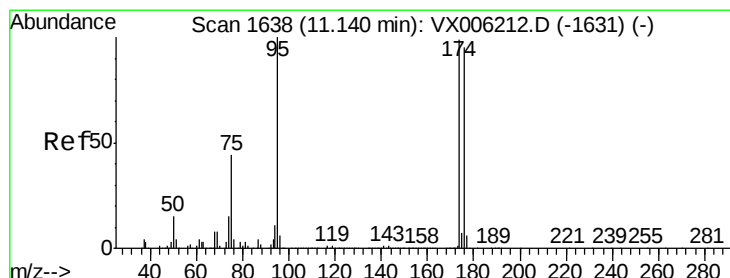
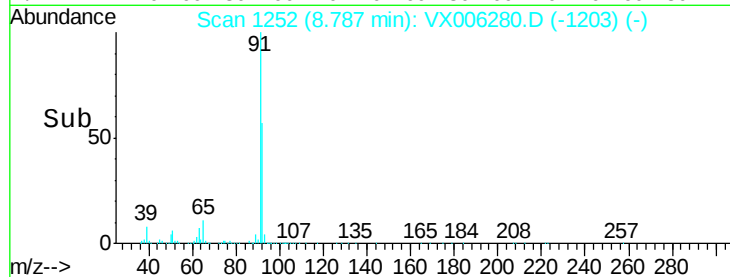
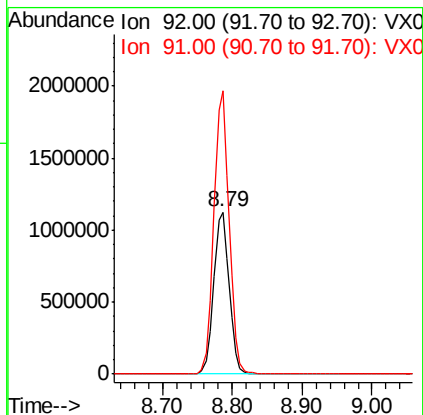
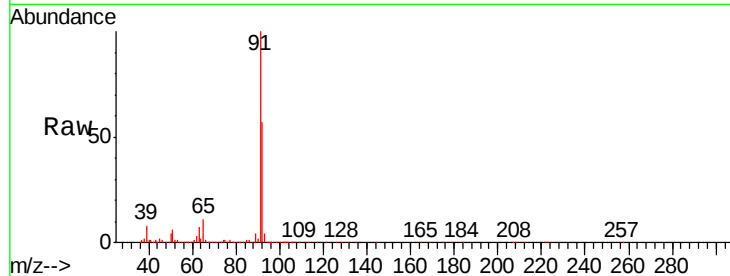
GDDL

Tgt Ion: 92 Resp: 1724223

Ion Ratio Lower Upper

92 100

91 172.8 139.2 208.8



#62

4-Bromofluorobenzene

Concen: 48.742 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006280.D

Acq: 04 Dec 2018 16:01

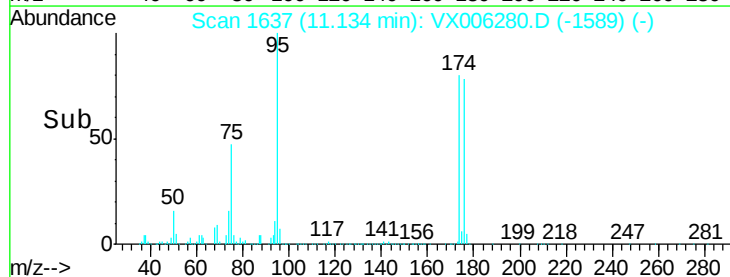
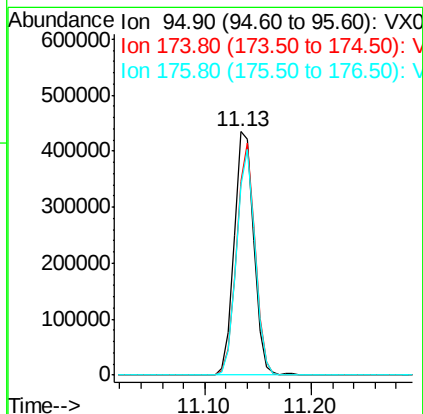
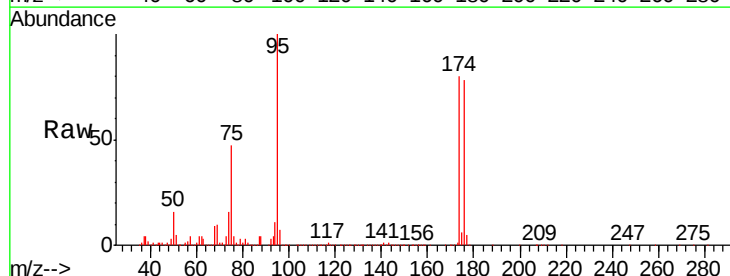
Tgt Ion: 95 Resp: 564629

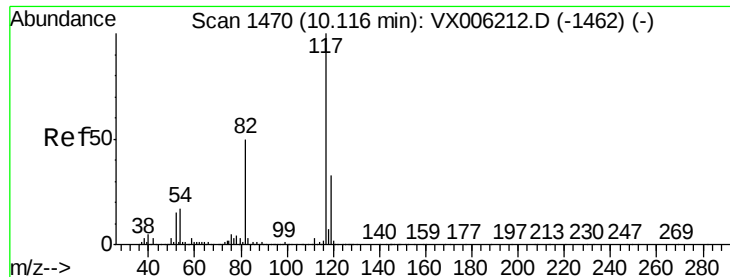
Ion Ratio Lower Upper

95 100

174 90.2 0.0 187.0

176 88.1 0.0 181.8

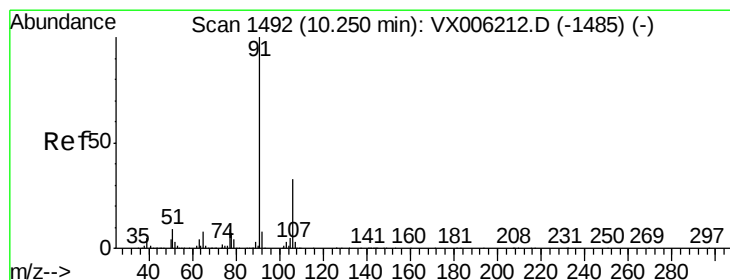
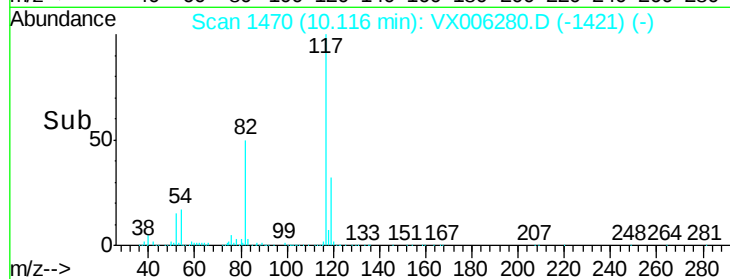
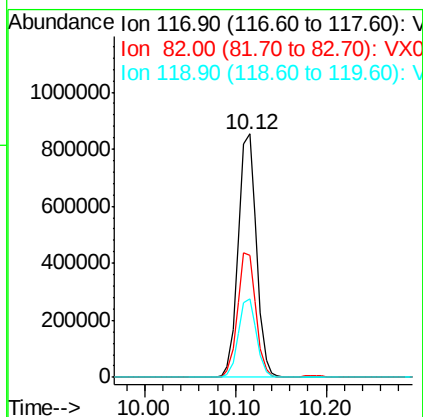
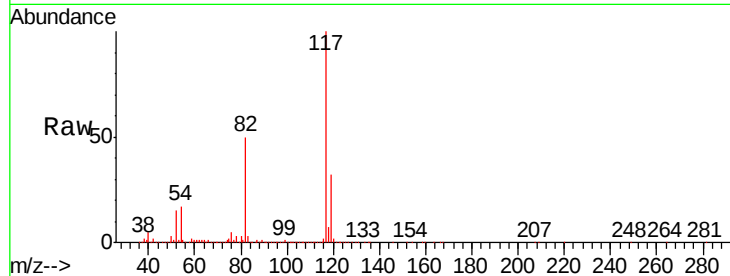




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006280.D
Acq: 04 Dec 2018 16:01

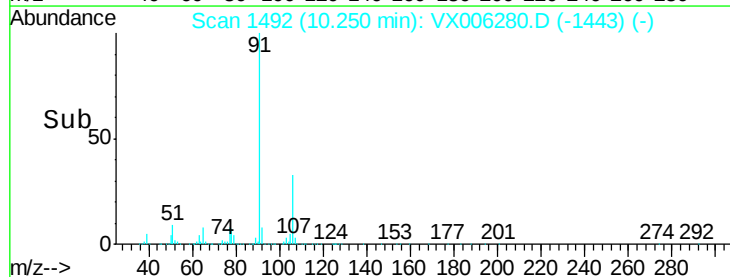
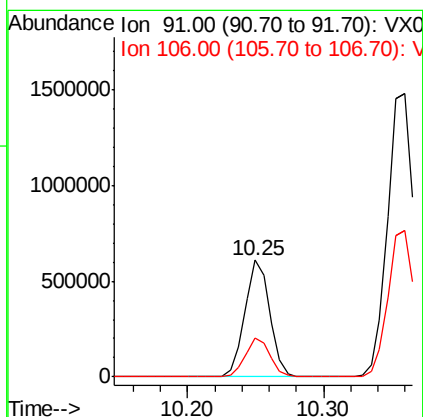
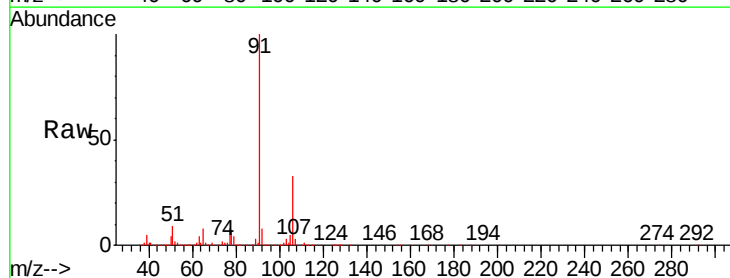
Instrument :
MSVOA_X
ClientSampled :
GDDL

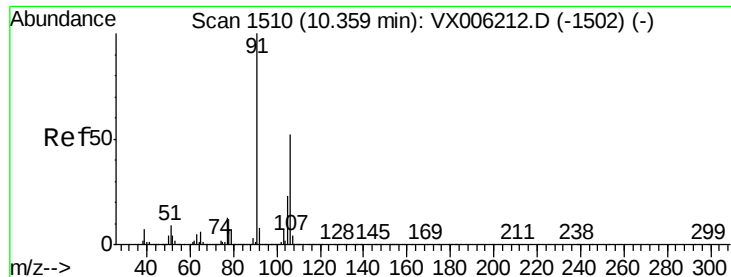
Tgt Ion:117 Resp: 1185943
Ion Ratio Lower Upper
117 100
82 49.9 39.6 59.4
119 32.5 26.3 39.5



#67
Ethyl Benzene
Concen: 18.615 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX006280.D
Acq: 04 Dec 2018 16:01

Tgt Ion: 91 Resp: 779409
Ion Ratio Lower Upper
91 100
106 33.4 26.5 39.7

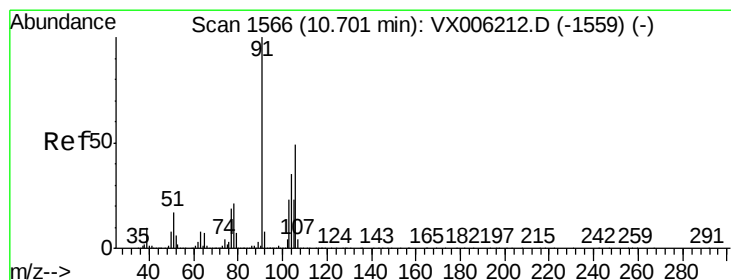
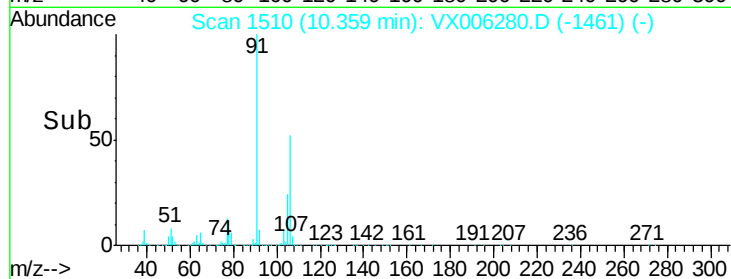
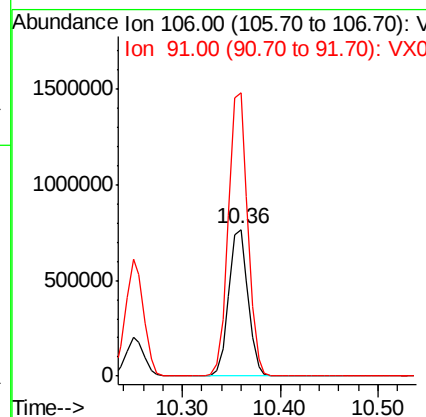
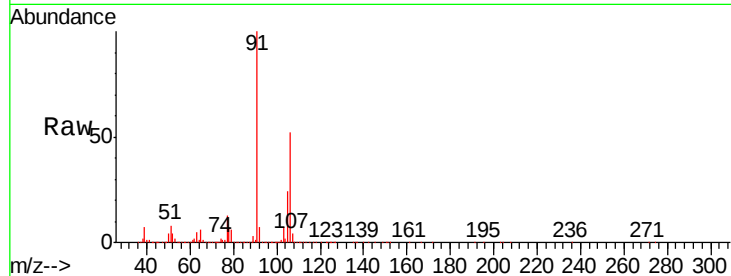




#68
m/p-Xylenes
Concen: 62.495 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX006280.D
Acq: 04 Dec 2018 16:01

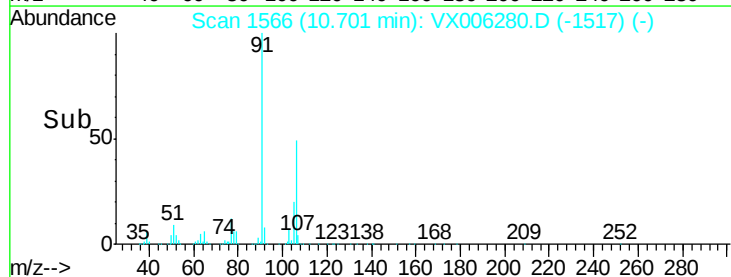
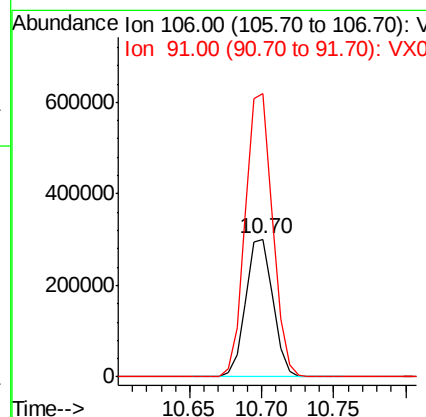
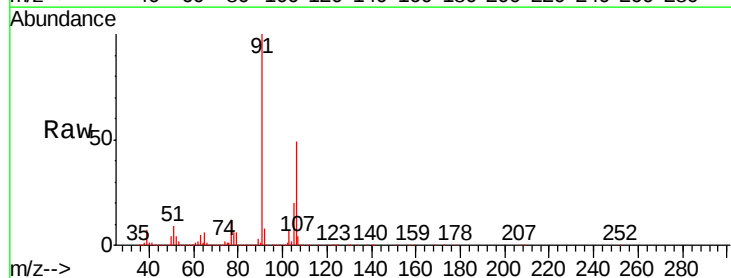
Instrument :
MSVOA_X
ClientSampleId :
GDDL

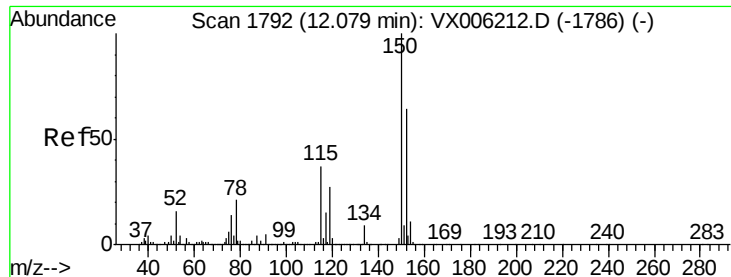
Tgt Ion:106 Resp: 1048187
Ion Ratio Lower Upper
106 100
91 193.9 155.2 232.8



#69
o-Xylene
Concen: 23.803 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006280.D
Acq: 04 Dec 2018 16:01

Tgt Ion:106 Resp: 394350
Ion Ratio Lower Upper
106 100
91 206.3 101.8 305.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006280.D

Acq: 04 Dec 2018 16:01

Instrument :

MSVOA_X

ClientSampleId :

GDDL

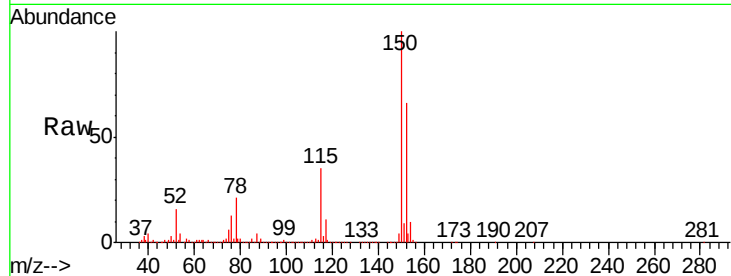
Tgt Ion:152 Resp: 598774

Ion Ratio Lower Upper

152 100

115 54.4 39.0 116.9

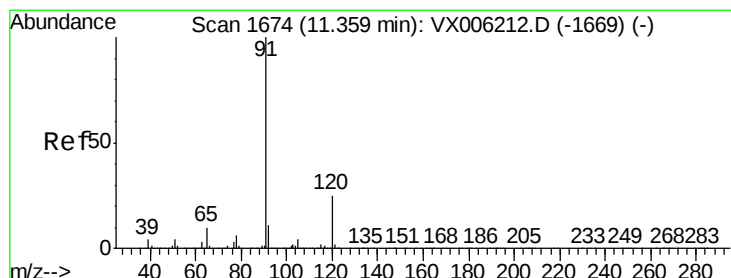
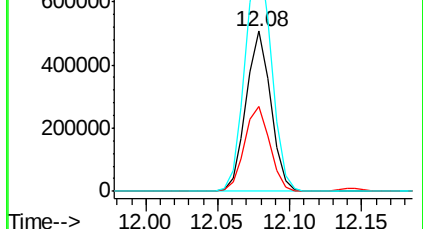
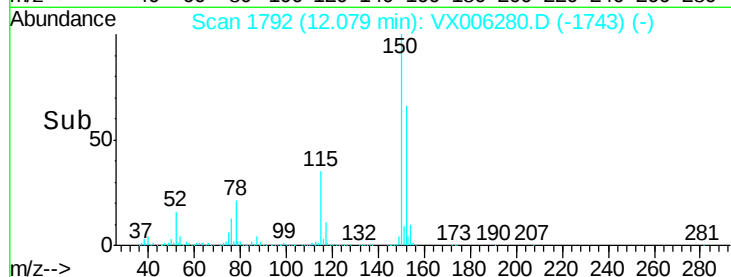
150 155.1 0.0 345.8



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



#78

n-propylbenzene

Concen: 5.755 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006280.D

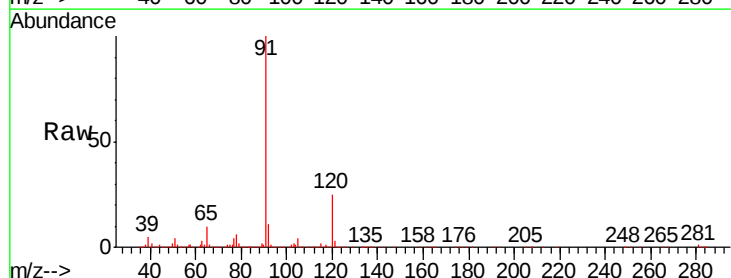
Acq: 04 Dec 2018 16:01

Tgt Ion: 91 Resp: 264508

Ion Ratio Lower Upper

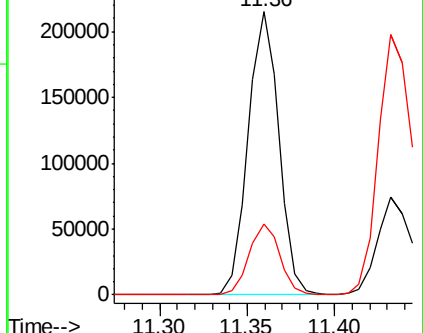
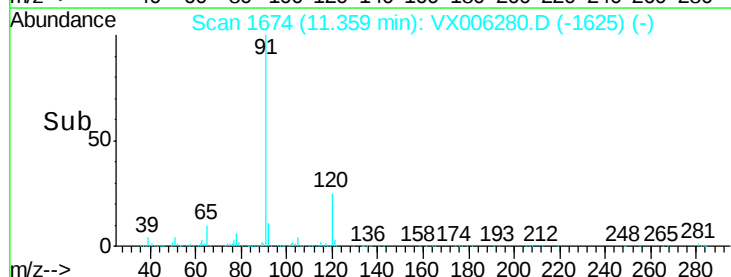
91 100

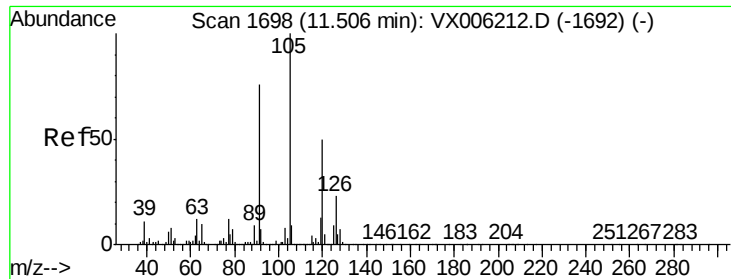
120 25.3 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#80

1,3,5-Trimethylbenzene

Concen: 8.255 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006280.D

Acq: 04 Dec 2018 16:01

Instrument :

MSVOA_X

ClientSampleId :

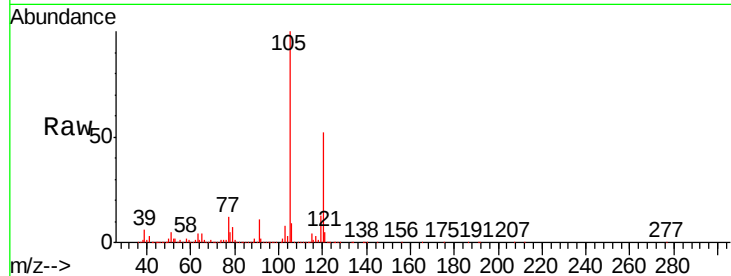
GDDL

Tgt Ion:105 Resp: 284004

Ion Ratio Lower Upper

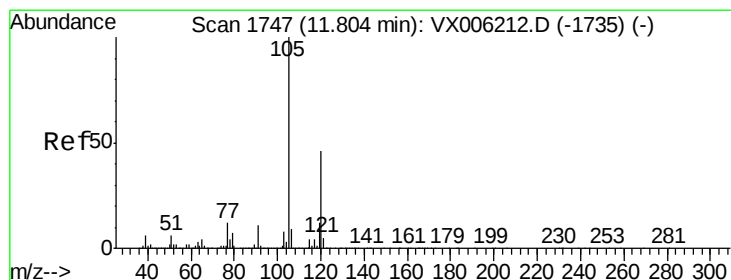
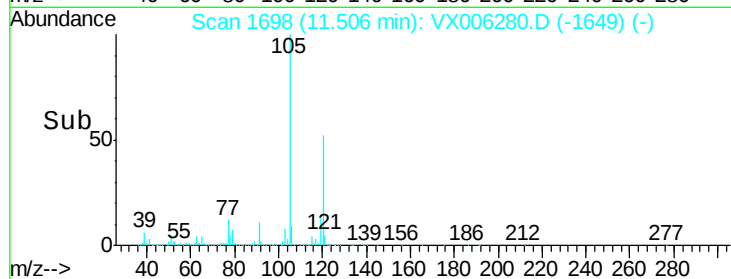
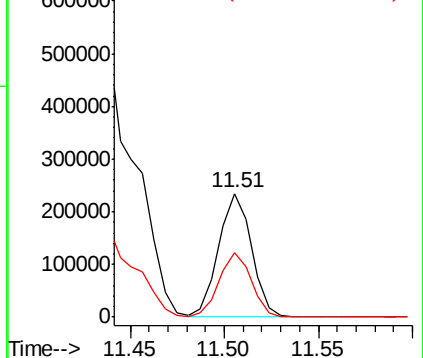
105 100

120 51.3 25.4 76.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#84

1,2,4-Trimethylbenzene

Concen: 28.447 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX006280.D

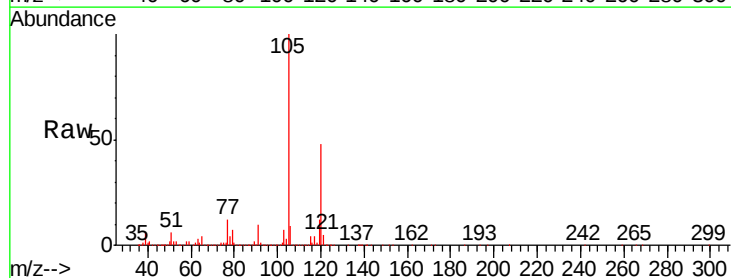
Acq: 04 Dec 2018 16:01

Tgt Ion:105 Resp: 1010598

Ion Ratio Lower Upper

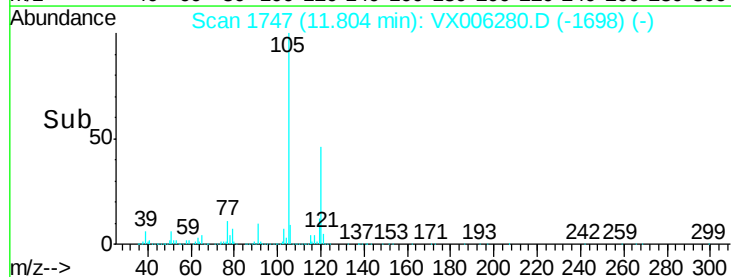
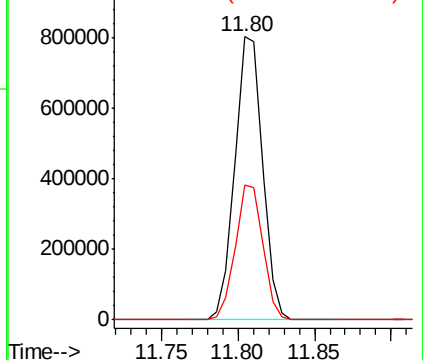
105 100

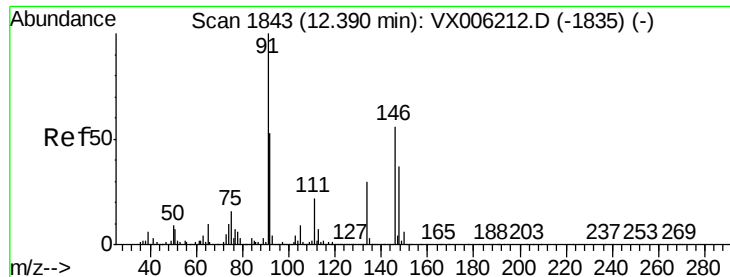
120 47.3 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#89

n-Butylbenzene

Concen: 2.650 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.01 min

Lab File: VX006280.D

Acq: 04 Dec 2018 16:01

Instrument :

MSVOA_X

ClientSampleId :

GDDL

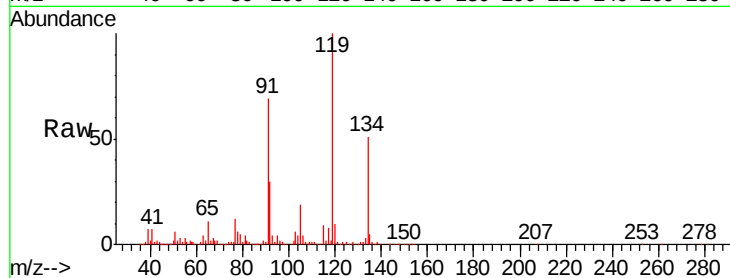
Tgt Ion: 91 Resp: 85021

Ion Ratio Lower Upper

91 100

92 35.2 26.6 79.8

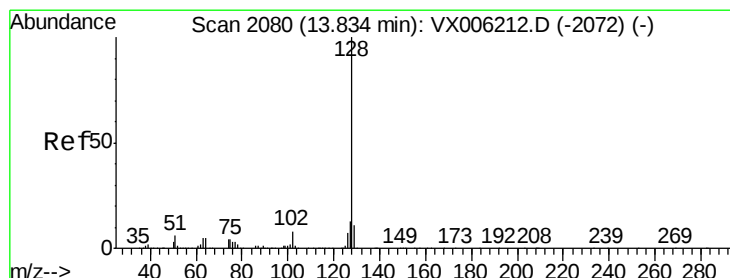
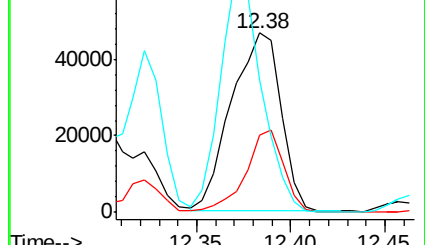
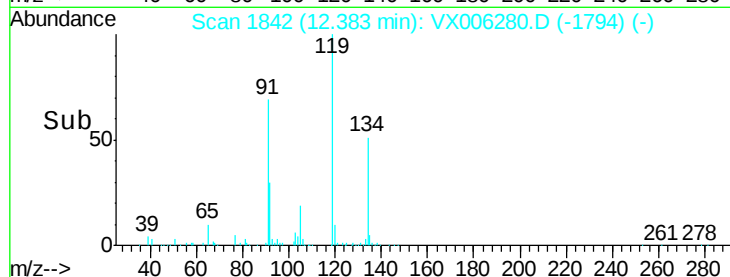
134 110.3 14.8 44.3#



Abundance Ion 91.00 (90.70 to 91.70): VX006212.D (-1835) (-)

Ion 92.00 (91.70 to 92.70): VX006212.D (-1835) (-)

Ion 134.00 (133.70 to 134.70): VX006212.D (-1835) (-)



#95

Naphthalene

Concen: 2.558 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006280.D

Acq: 04 Dec 2018 16:01

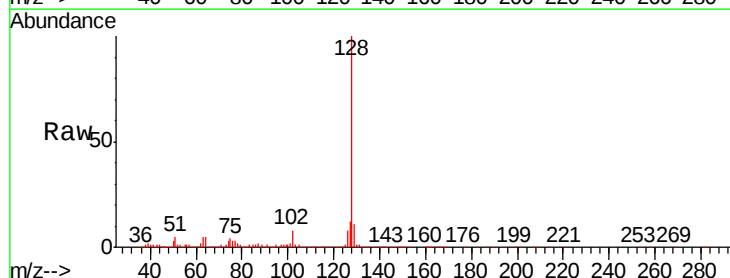
Tgt Ion: 128 Resp: 117642

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.4

129 11.9 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): VX006212.D (-2072) (-)

Ion 127.00 (126.70 to 127.70): VX006212.D (-2072) (-)

Ion 129.00 (128.70 to 129.70): VX006212.D (-2072) (-)

