

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052020\
 Data File : VX016370.D
 Acq On : 20 May 2020 19:01
 Operator : JC/SP
 Sample : L2684-05 40X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW-3

Quant Time: May 21 06:13:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	246334	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	406709	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	401277	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	199494	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	142581	43.99	ug/l	0.00
Spiked Amount			Recovery	=	87.98%	
35) Dibromofluoromethane	5.47	113	117341	45.54	ug/l	0.00
Spiked Amount			Recovery	=	91.08%	
50) Toluene-d8	8.70	98	498337	50.19	ug/l	0.00
Spiked Amount			Recovery	=	100.38%	
62) 4-Bromofluorobenzene	11.12	95	202824	53.71	ug/l	0.00
Spiked Amount			Recovery	=	107.42%	

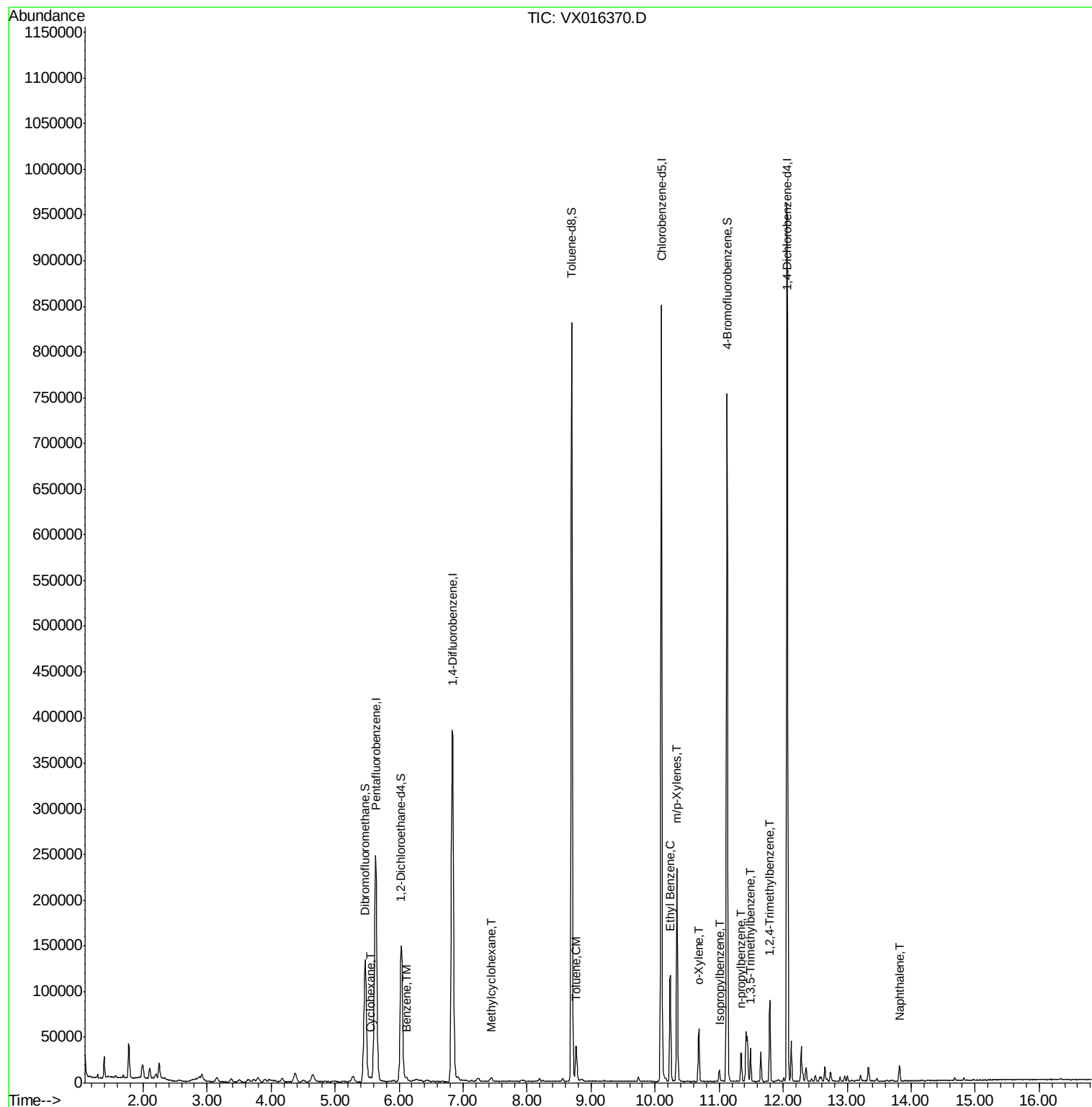
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Cyclohexane	5.55	56	3290	0.731	ug/l	96
39) Methylcyclohexane	7.44	83	1831	0.380	ug/l	92
40) Benzene	6.12	78	4856	0.415	ug/l	99
52) Toluene	8.77	92	13661	1.871	ug/l	95
67) Ethyl Benzene	10.24	91	70564	4.707	ug/l	96
68) m/p-Xylenes	10.34	106	54761	9.749	ug/l	97
69) o-Xylene	10.68	106	12642	2.341	ug/l	99
73) Isopropylbenzene	11.01	105	7188	0.495	ug/l	97
78) n-propylbenzene	11.34	91	19712	1.168	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	16294	1.330	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	39711	3.206	ug/l	99
95) Naphthalene	13.82	128	10920	0.703	ug/l	99

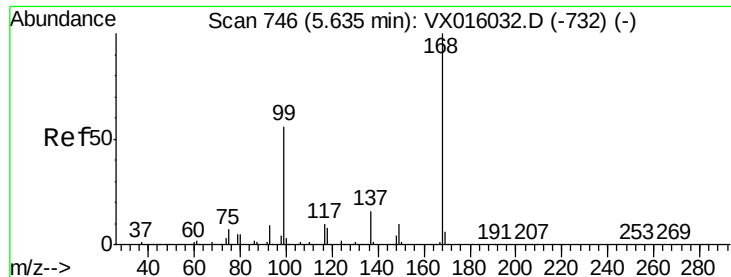
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX016370.D

Acq: 20 May 2020 19:01

Instrument :

MSVOA_X

ClientSampled :

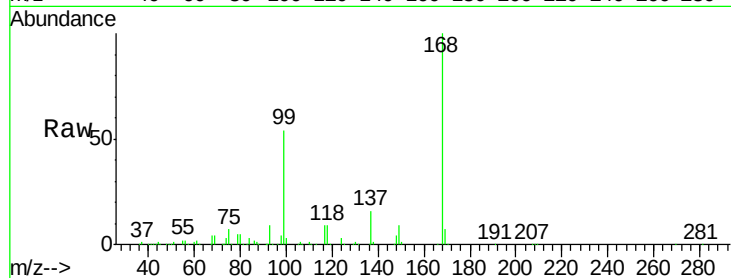
RW-3

Tot Ion:168 Resp: 246334

Ion Ratio Lower Upper

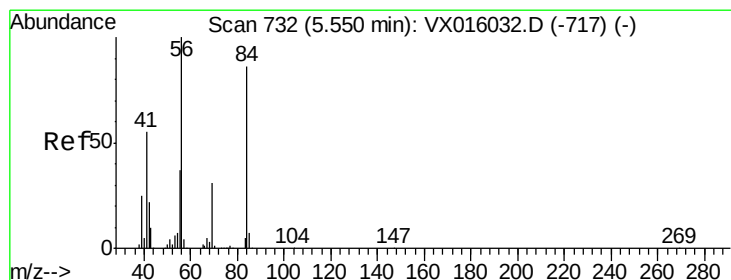
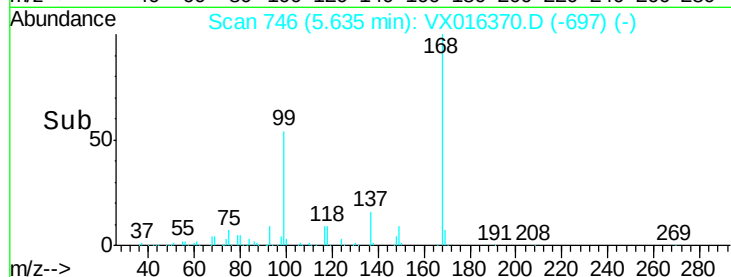
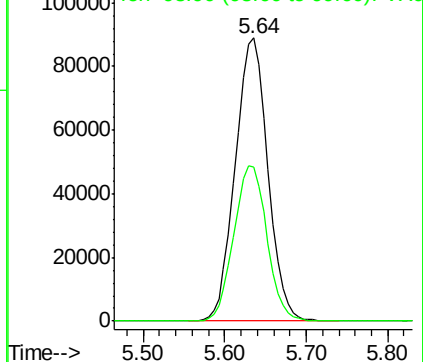
168 100

99 54.5 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#31

Cyclohexane

Concen: 0.731 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX016370.D

Acq: 20 May 2020 19:01

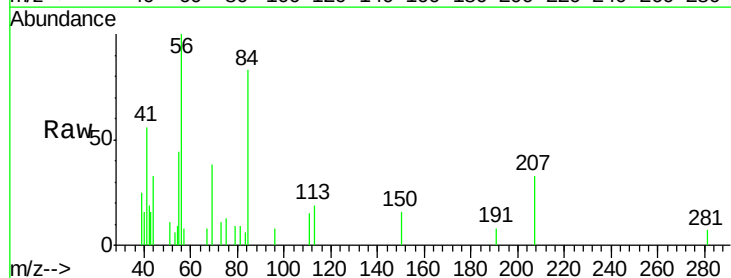
Tgt Ion: 56 Resp: 3290

Ion Ratio Lower Upper

56 100

69 33.4 25.0 37.6

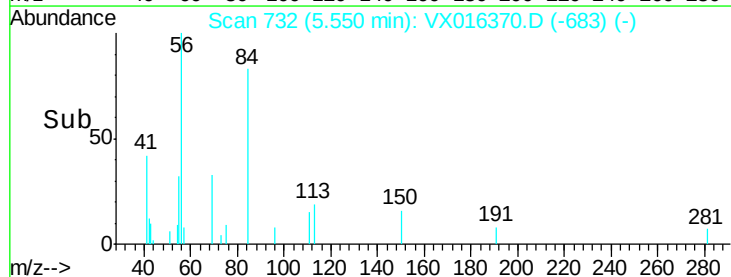
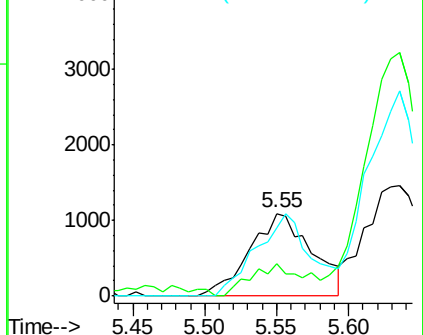
84 82.8 69.0 103.6

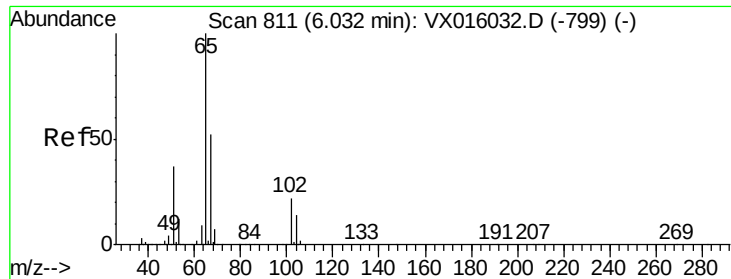


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

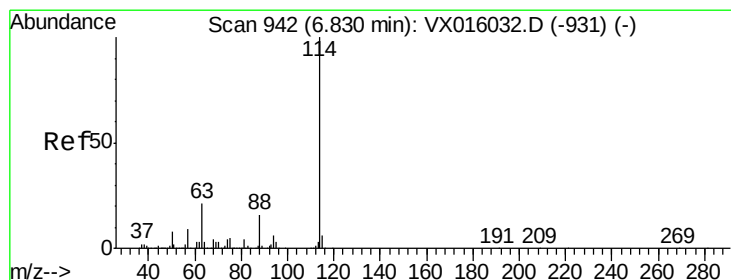
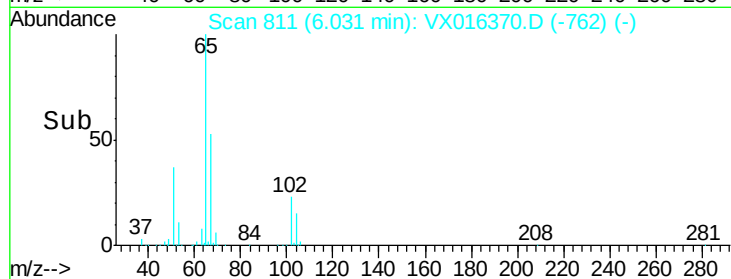
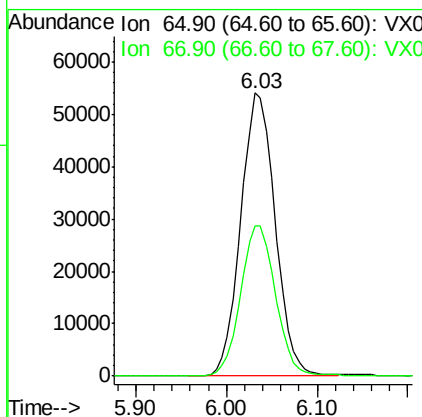
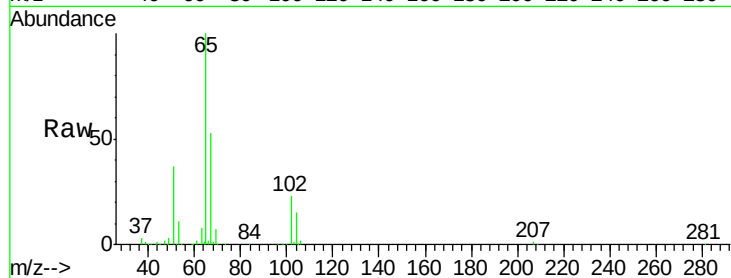




#33
 1,2-Dichloroethane-d4
 Concen: 43.986 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016370.D
 Acq: 20 May 2020 19:01

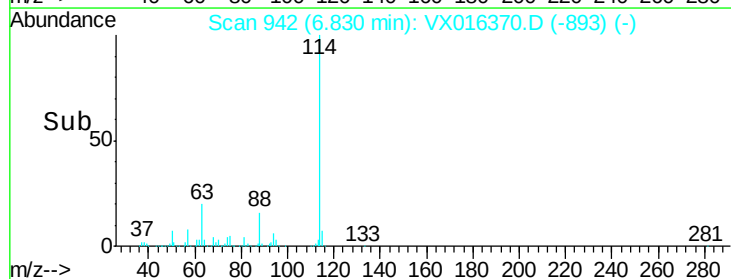
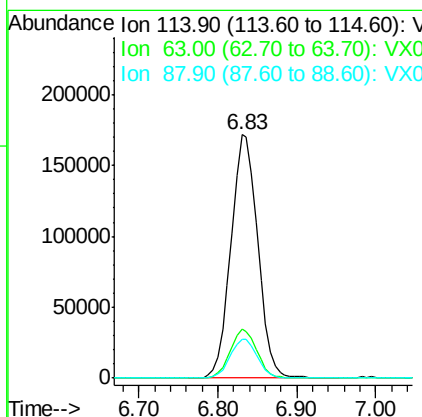
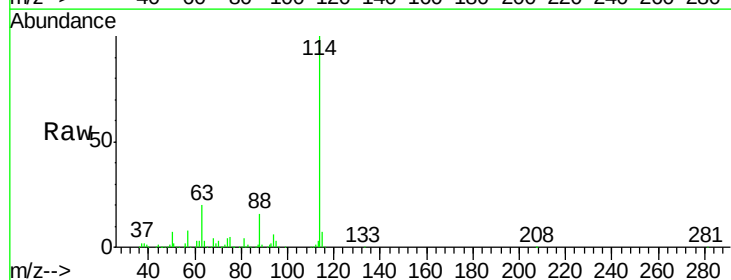
Instrument :
 MSVOA_X
 ClientSampleId :
 RW-3

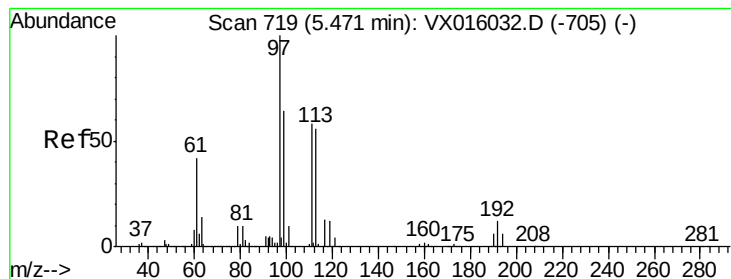
Tot Ion: 65 Resp: 142581
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX016370.D
 Acq: 20 May 2020 19:01

Tgt Ion: 114 Resp: 406709
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 42.8
 88 15.9 0.0 31.4





#35

Dibromofluoromethane

Concen: 45.540 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX016370.D

Acq: 20 May 2020 19:01

Instrument :

MSVOA_X

ClientSampled :

RW-3

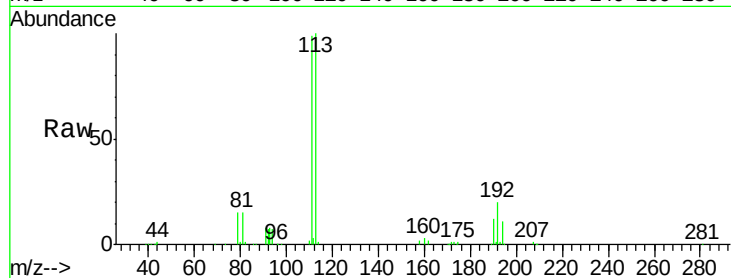
Tot Ion:113 Resp: 117341

Ion Ratio Lower Upper

113 100

111 102.9 81.6 122.4

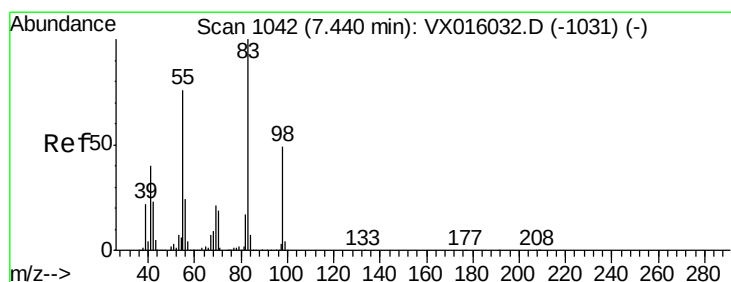
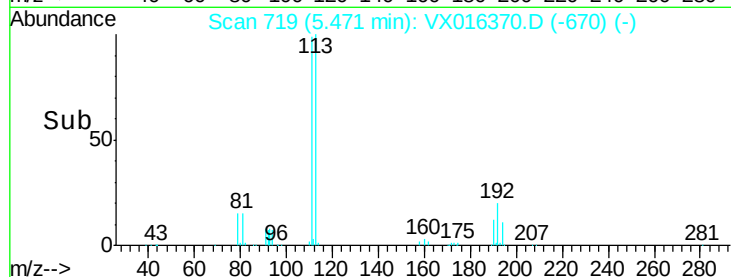
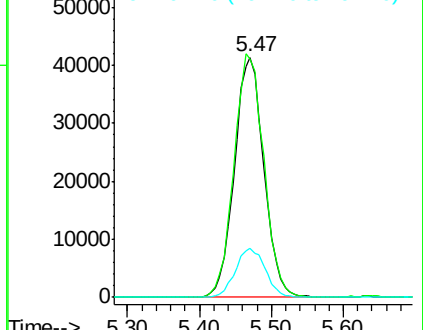
192 21.0 17.0 25.4



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



#39

Methylcyclohexane

Concen: 0.380 ug/l

RT: 7.44 min Scan# 1042

Delta R.T. -0.00 min

Lab File: VX016370.D

Acq: 20 May 2020 19:01

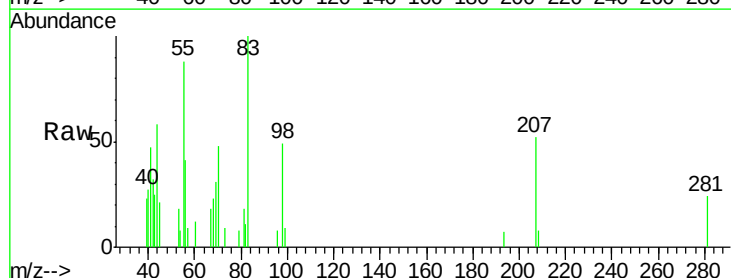
Tgt Ion: 83 Resp: 1831

Ion Ratio Lower Upper

83 100

55 87.7 61.1 91.7

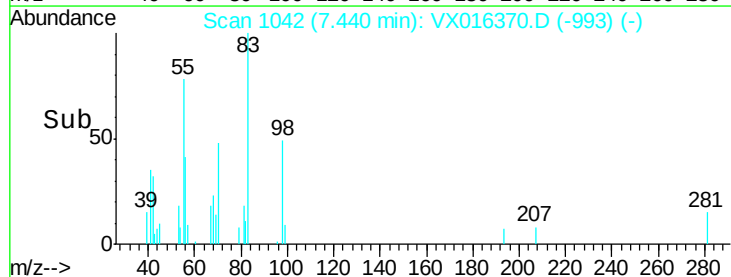
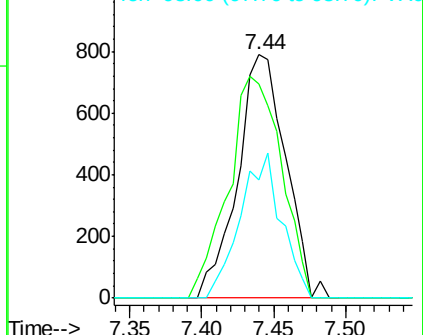
98 48.7 39.0 58.4

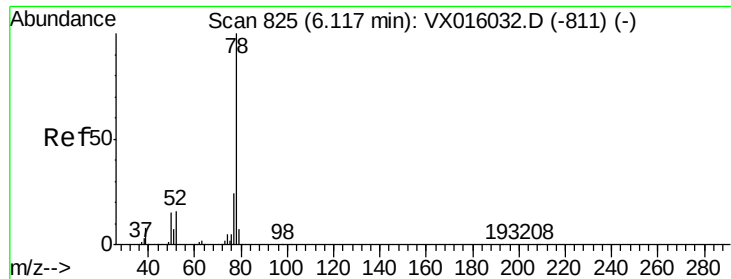


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 0.415 ug/l

RT: 6.12 min Scan# 825

Delta R.T. -0.00 min

Lab File: VX016370.D

Acq: 20 May 2020 19:01

Instrument :

MSVOA_X

ClientSampled :

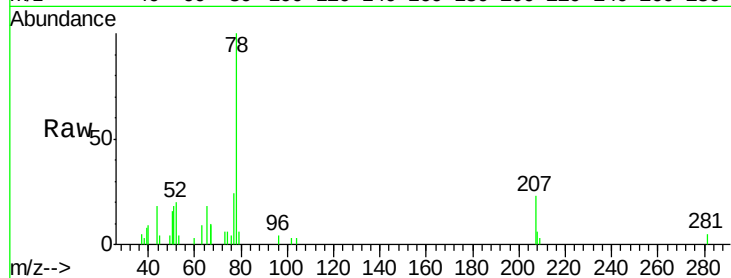
RW-3

Tot Ion: 78 Resp: 4856

Ion Ratio Lower Upper

78 100

77 24.1 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

6.12

2000

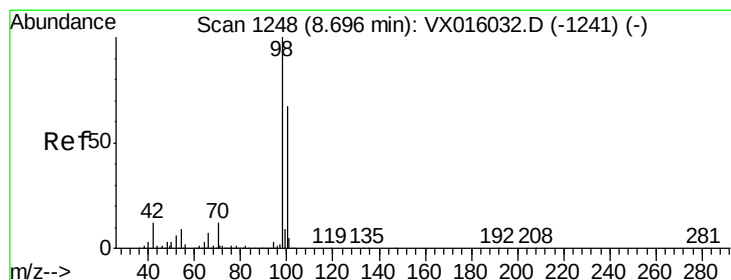
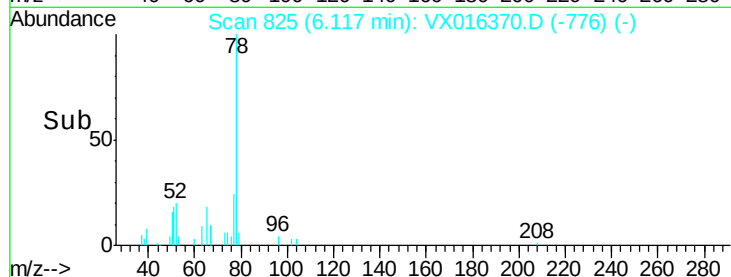
1500

1000

500

0

Time-->



#50

Toluene-d8

Concen: 50.195 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016370.D

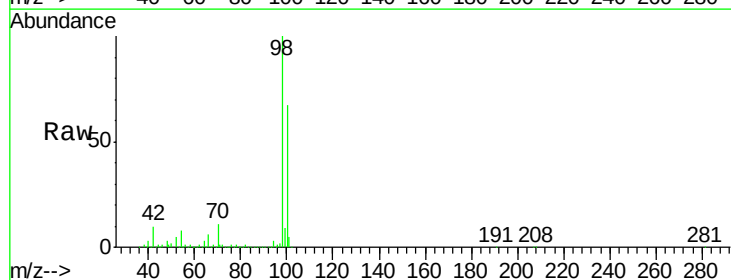
Acq: 20 May 2020 19:01

Tgt Ion: 98 Resp: 498337

Ion Ratio Lower Upper

98 100

100 67.4 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.70

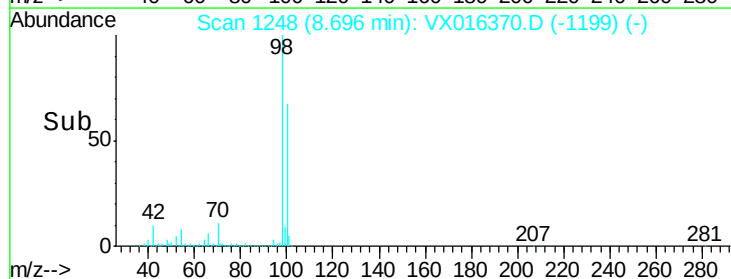
300000

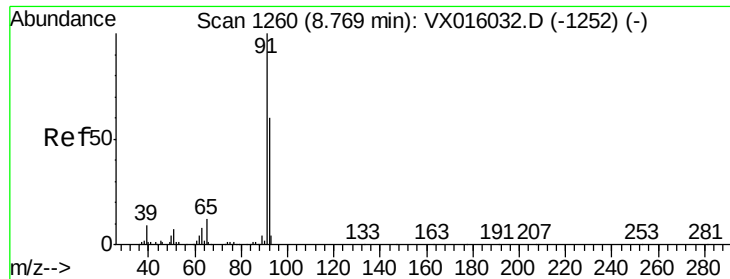
200000

100000

0

Time-->





#52

Toluene

Concen: 1.871 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX016370.D

Acq: 20 May 2020 19:01

Instrument :

MSVOA_X

ClientSampleId :

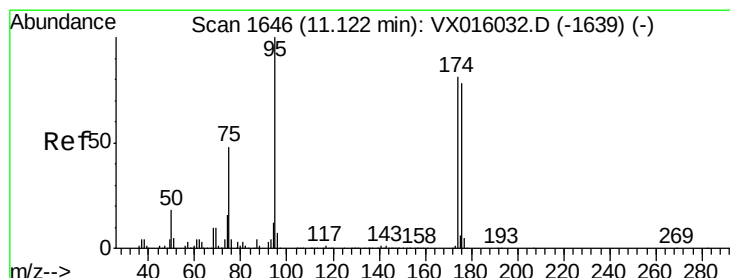
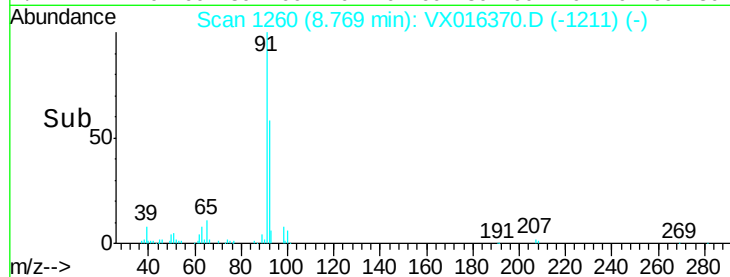
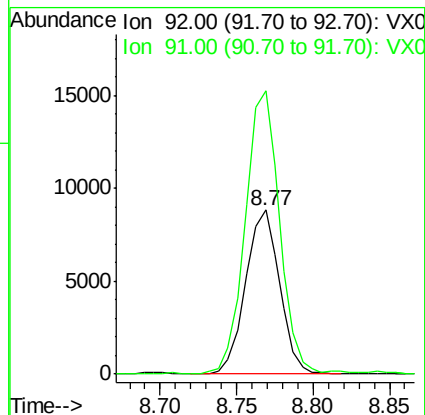
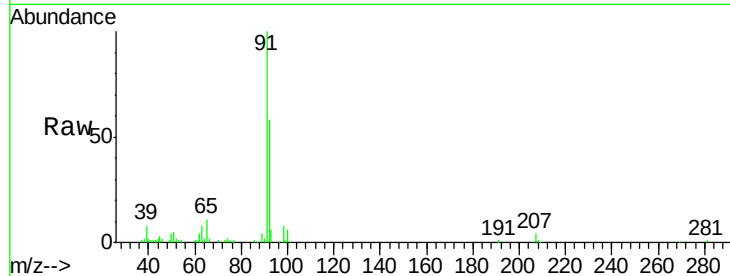
RW-3

Tot Ion: 92 Resp: 13661

Ion Ratio Lower Upper

92 100

91 174.7 134.5 201.7



#62

4-Bromofluorobenzene

Concen: 53.711 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016370.D

Acq: 20 May 2020 19:01

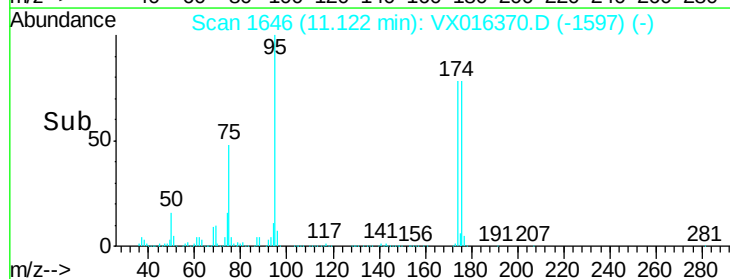
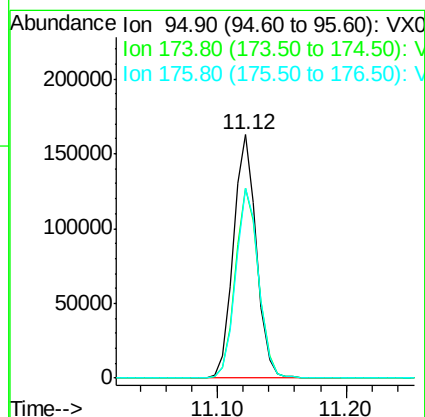
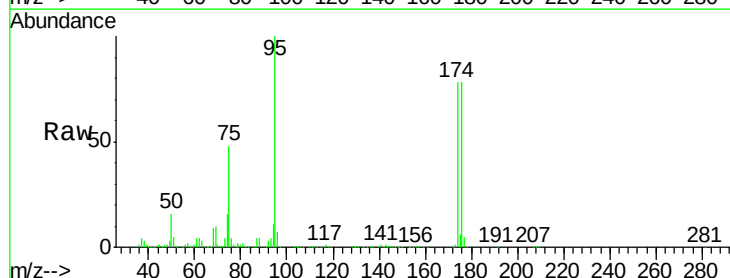
Tgt Ion: 95 Resp: 202824

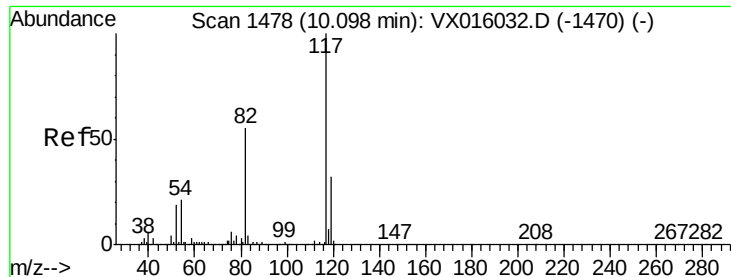
Ion Ratio Lower Upper

95 100

174 78.8 0.0 159.4

176 77.8 0.0 157.6

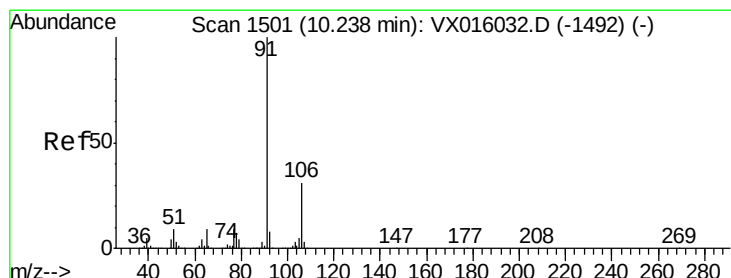
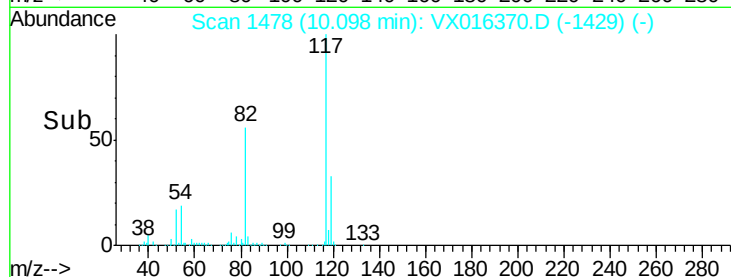
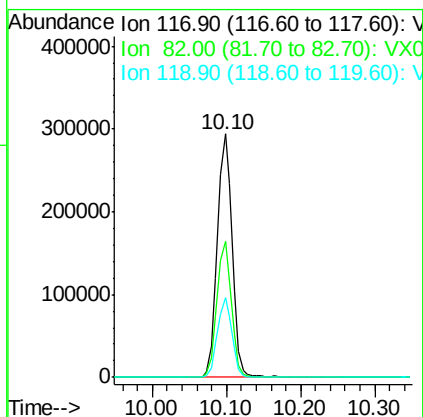
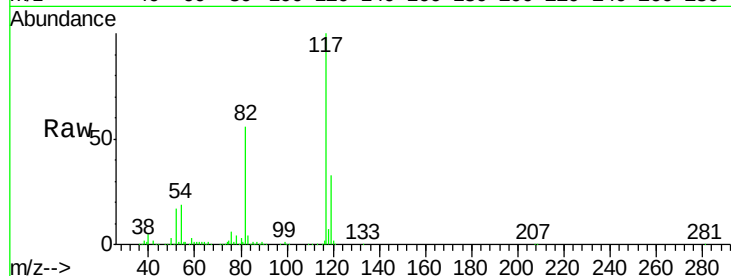




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016370.D
Acq: 20 May 2020 19:01

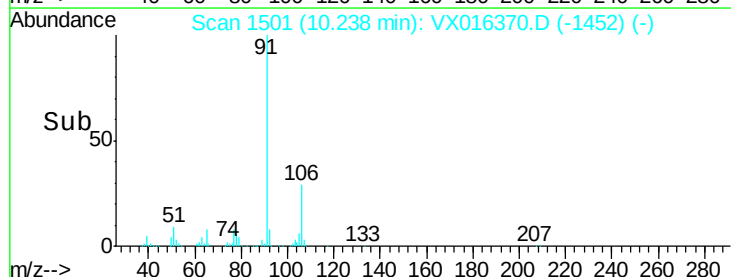
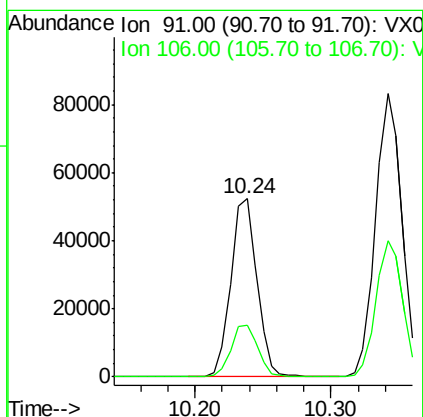
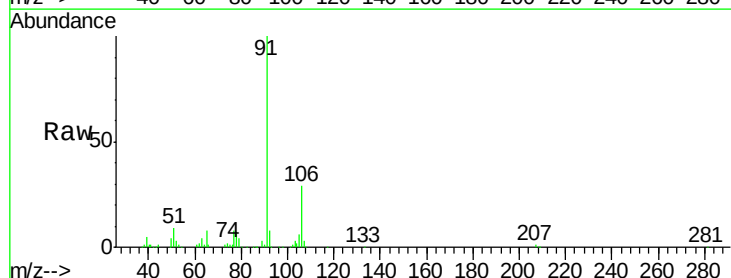
Instrument :
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RW-3

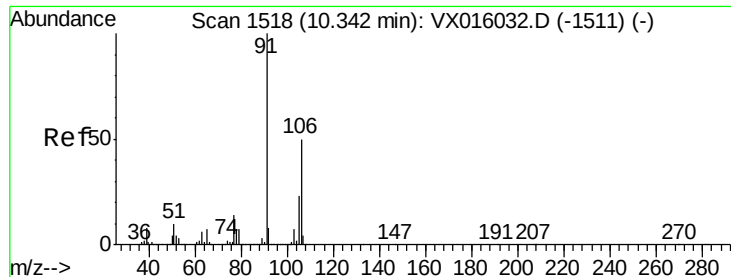
Tot Ion	Ratio	Lower	Upper
117	100		
82	56.0	44.4	66.6
119	32.6	25.5	38.3



#67
Ethyl Benzene
Concen: 4.707 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX016370.D
Acq: 20 May 2020 19:01

Tgt Ion	Ratio	Lower	Upper
91	100		
106	29.3	25.1	37.7

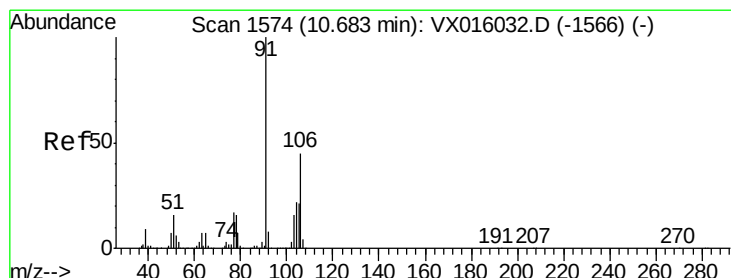
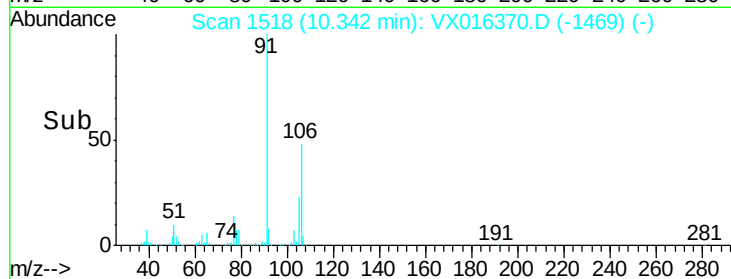
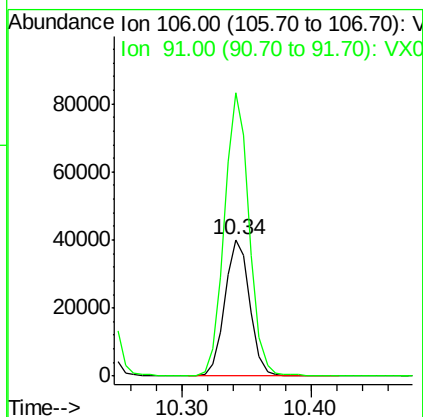
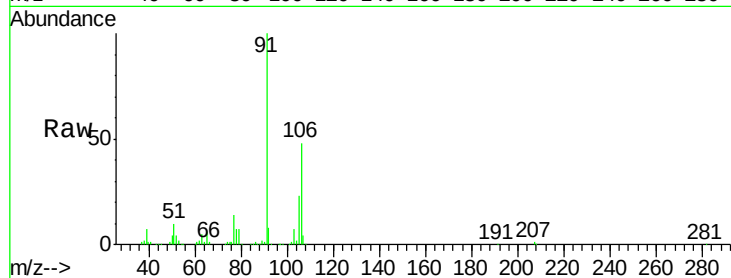




#68
m/p-Xylenes
Concen: 9.749 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016370.D
Acq: 20 May 2020 19:01

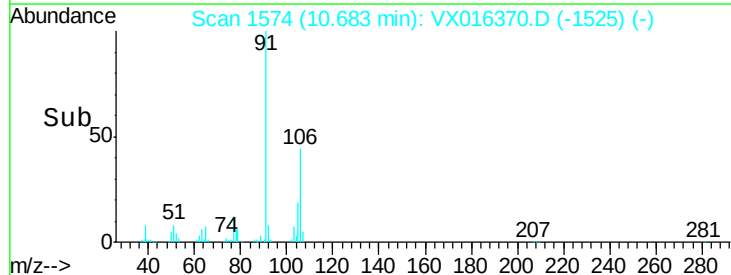
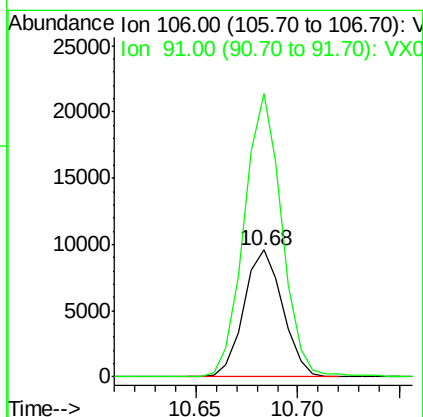
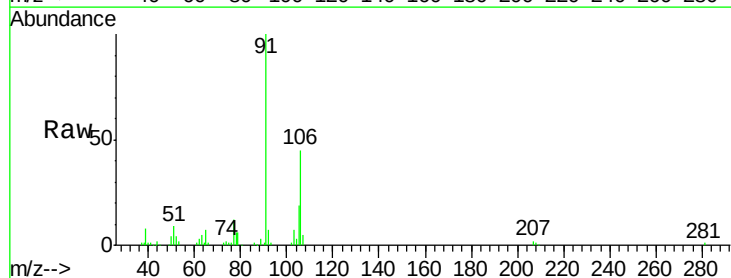
Instrument :
MSVOA_X
ClientSampled :
RW-3

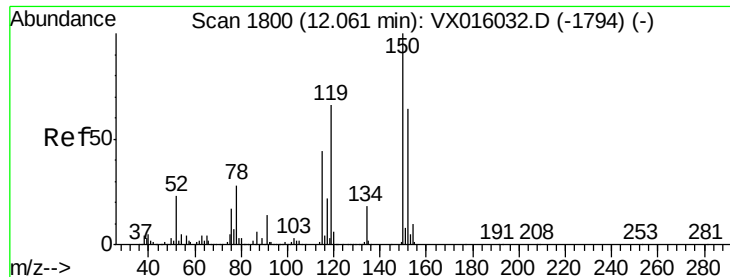
Tot Ion:106 Resp: 54761
Ion Ratio Lower Upper
106 100
91 206.5 161.7 242.5



#69
o-Xylene
Concen: 2.341 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016370.D
Acq: 20 May 2020 19:01

Tgt Ion:106 Resp: 12642
Ion Ratio Lower Upper
106 100
91 217.1 107.5 322.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016370.D

Acq: 20 May 2020 19:01

Instrument :

MSVOA_X

ClientSampleId :

RW-3

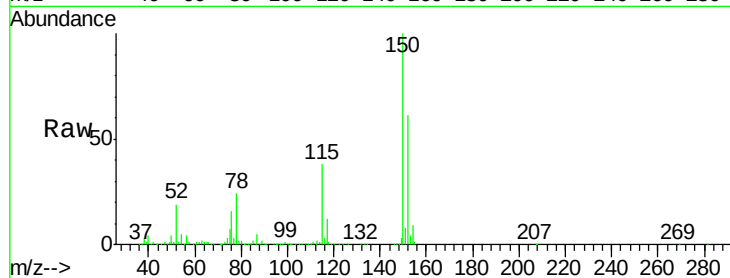
Tot Ion:152 Resp: 199494

Ion Ratio Lower Upper

152 100

115 59.3 41.3 124.1

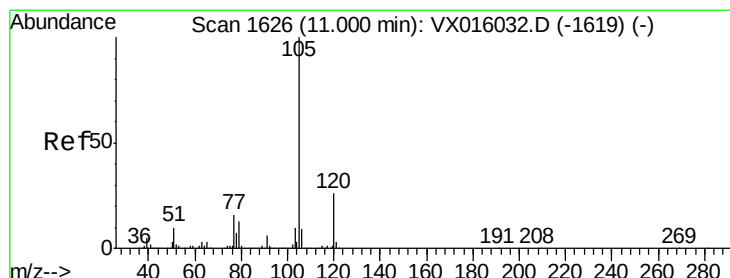
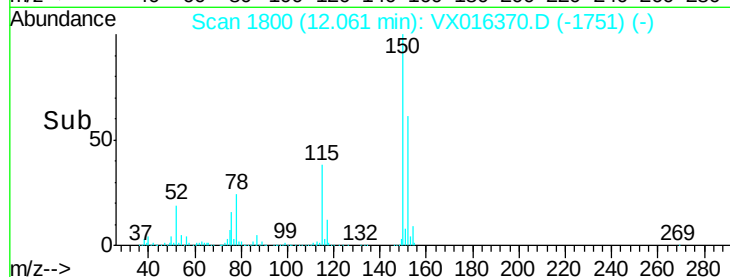
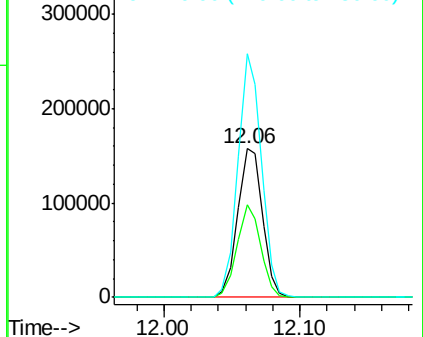
150 155.6 0.0 352.2



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



#73

Isopropylbenzene

Concen: 0.495 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX016370.D

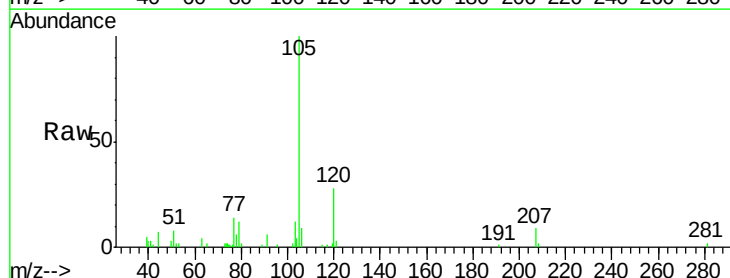
Acq: 20 May 2020 19:01

Tgt Ion:105 Resp: 7188

Ion Ratio Lower Upper

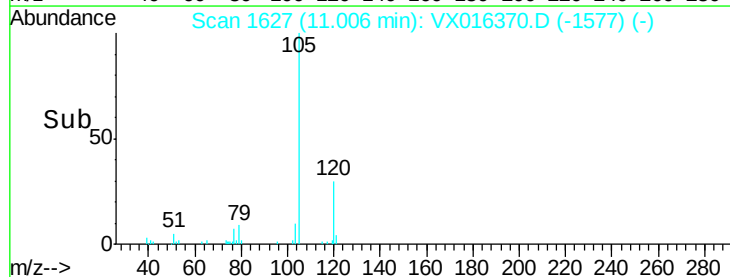
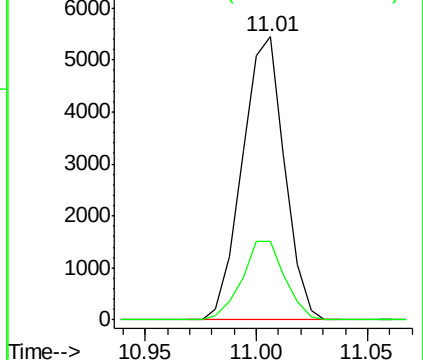
105 100

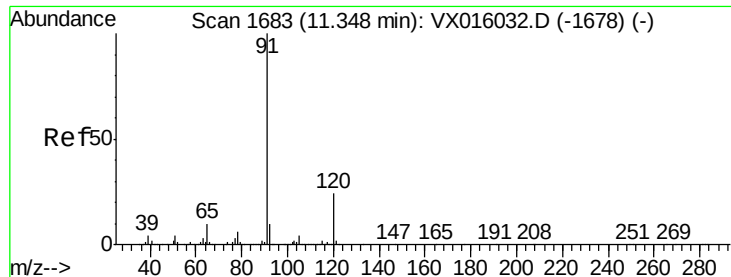
120 28.4 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 1.168 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX016370.D

Acq: 20 May 2020 19:01

Instrument :

MSVOA_X

ClientSampleId :

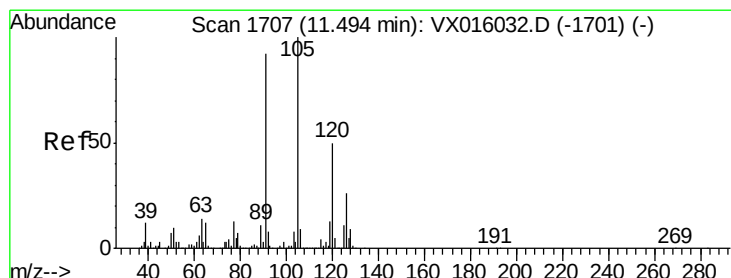
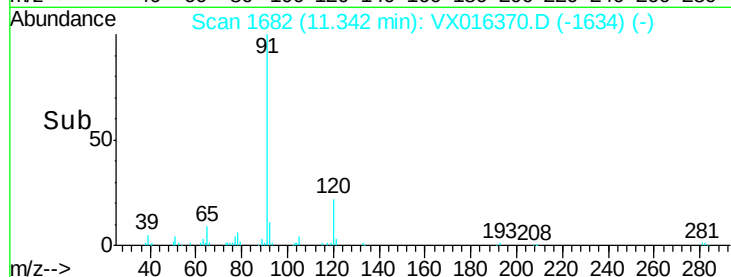
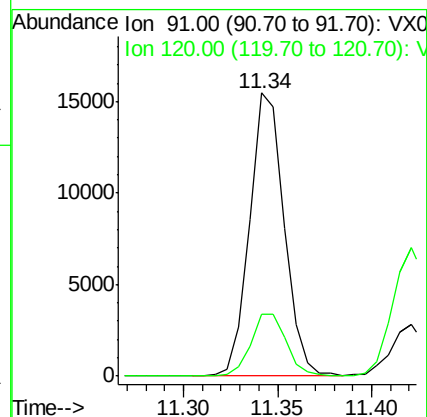
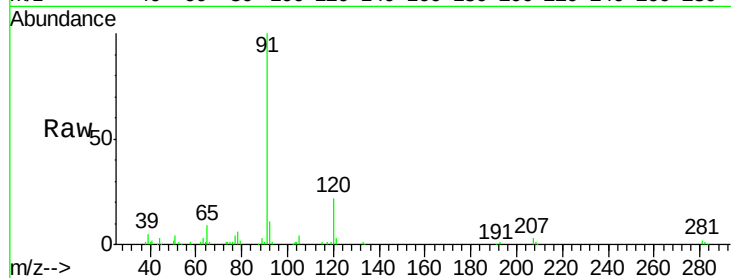
RW-3

Tot Ion: 91 Resp: 19712

Ion Ratio Lower Upper

91 100

120 22.5 11.5 34.5



#80

1,3,5-Trimethylbenzene

Concen: 1.330 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016370.D

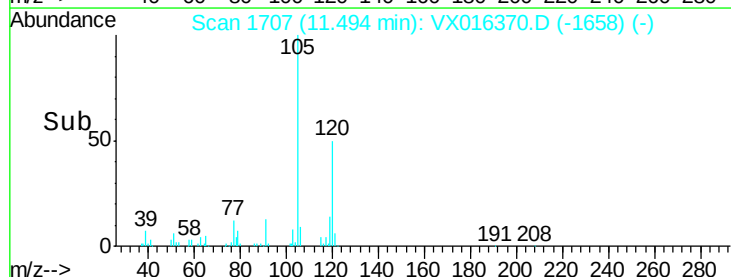
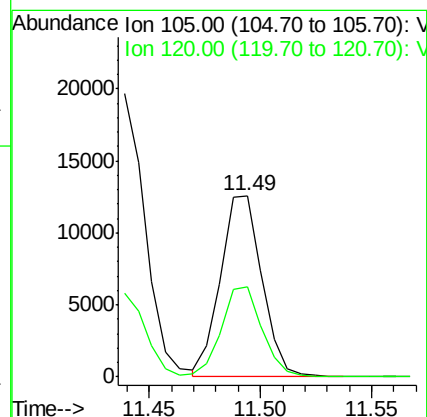
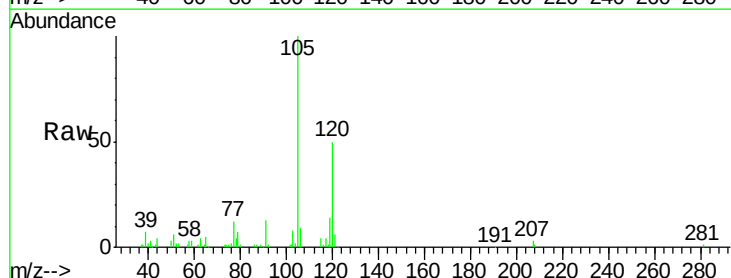
Acq: 20 May 2020 19:01

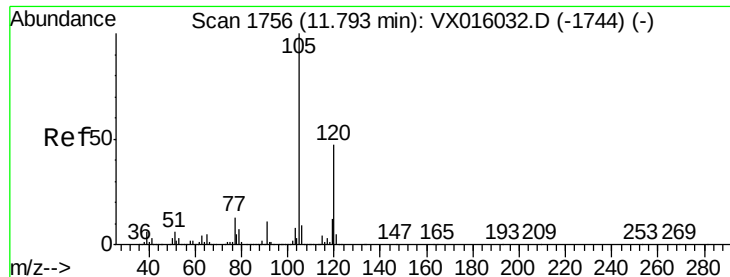
Tgt Ion:105 Resp: 16294

Ion Ratio Lower Upper

105 100

120 49.3 24.6 74.0





#84

1,2,4-Trimethylbenzene

Concen: 3.206 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX016370.D

Acq: 20 May 2020 19:01

Instrument :

MSVOA_X

ClientSampled :

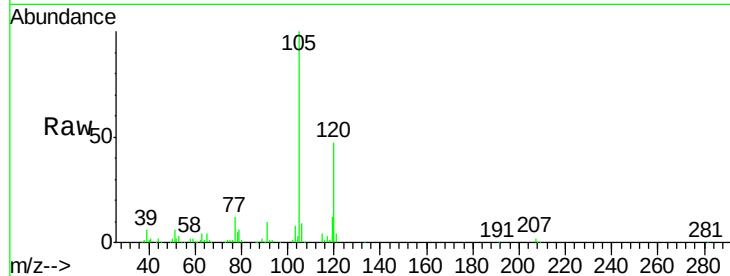
RW-3

Tot Ion:105 Resp: 39711

Ion Ratio Lower Upper

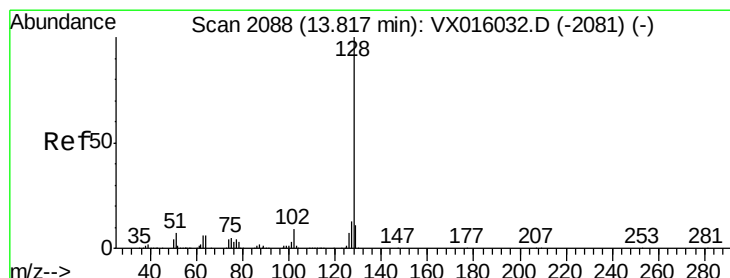
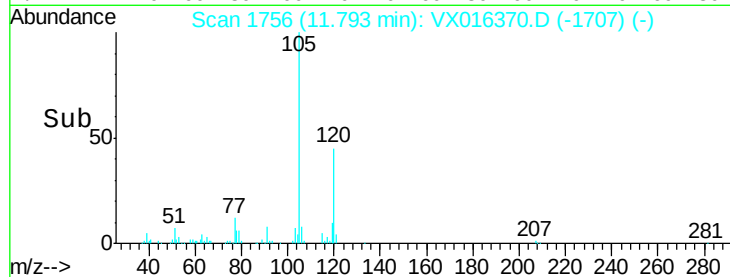
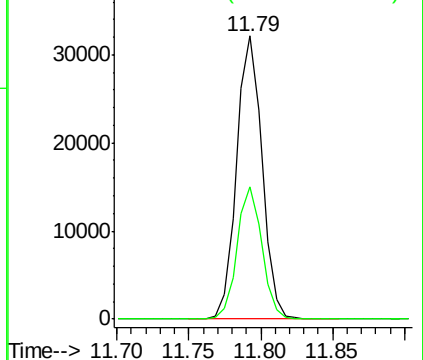
105 100

120 45.4 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 0.703 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016370.D

Acq: 20 May 2020 19:01

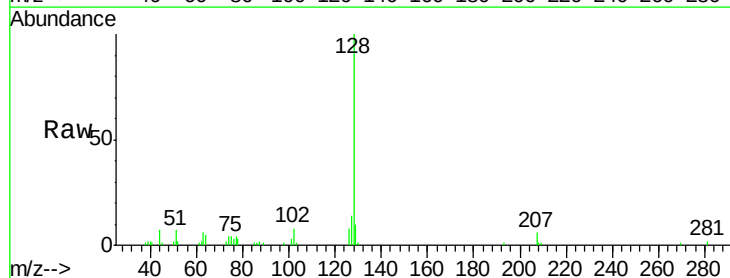
Tgt Ion:128 Resp: 10920

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

129 10.6 8.7 13.1



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

