

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052020\
 Data File : VX016358.D
 Acq On : 20 May 2020 14:29
 Operator : JC/SP
 Sample : L2673-02DL 200X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 30559DL

Quant Time: May 21 09:06:07 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	254223	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	421340	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	395086	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	193530	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	147275	44.02	ug/l	0.00
Spiked Amount			Recovery	=	88.04%	
35) Dibromofluoromethane	5.47	113	122184	45.77	ug/l	0.00
Spiked Amount			Recovery	=	91.54%	
50) Toluene-d8	8.70	98	514252	50.00	ug/l	0.00
Spiked Amount			Recovery	=	100.00%	
62) 4-Bromofluorobenzene	11.12	95	199541	51.01	ug/l	0.00
Spiked Amount			Recovery	=	102.02%	

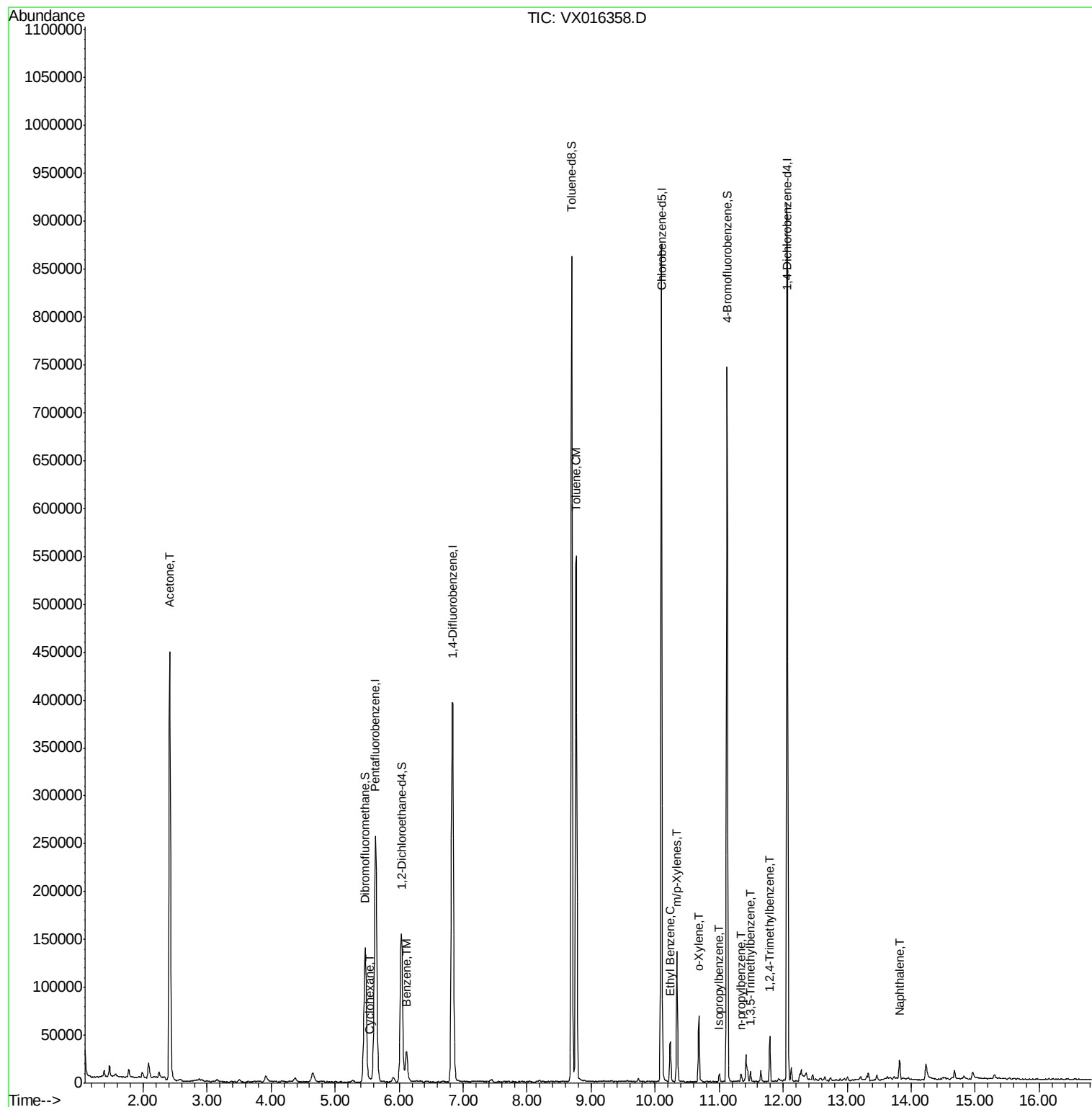
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.42	43	454320	304.372	ug/l	93
31) Cyclohexane	5.55	56	2022	0.435	ug/l #	85
40) Benzene	6.12	78	38320	3.158	ug/l	96
52) Toluene	8.77	92	216845	28.667	ug/l	100
67) Ethyl Benzene	10.24	91	25270	1.712	ug/l	99
68) m/p-Xylenes	10.34	106	31834	5.756	ug/l	100
69) o-Xylene	10.68	106	14906	2.804	ug/l	99
73) Isopropylbenzene	11.00	105	4521	0.321	ug/l	98
78) n-propylbenzene	11.34	91	4662	0.285	ug/l	96
80) 1,3,5-Trimethylbenzene	11.49	105	4401	0.370	ug/l	91
84) 1,2,4-Trimethylbenzene	11.79	105	18422	1.533	ug/l	98
95) Naphthalene	13.82	128	12046	0.800	ug/l	98

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

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Quant Time: May 21 09:06:07 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
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: VX016358.D

Acq: 20 May 2020 14:29

Instrument :

MSVOA_X

ClientSampleId :

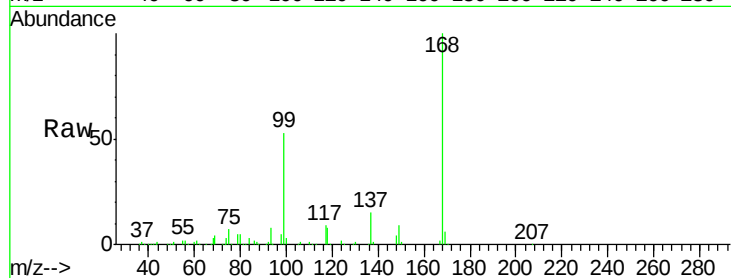
30559DL

Tot Ion:168 Resp: 254223

Ion Ratio Lower Upper

168 100

99 52.9 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

100000

80000

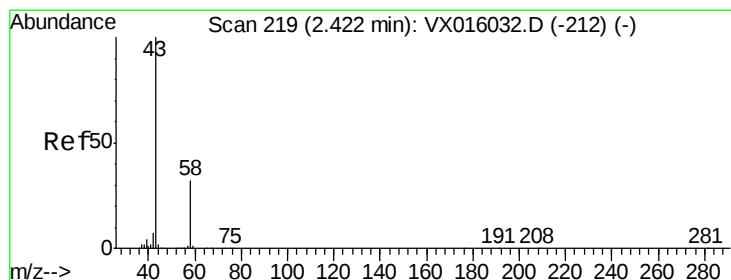
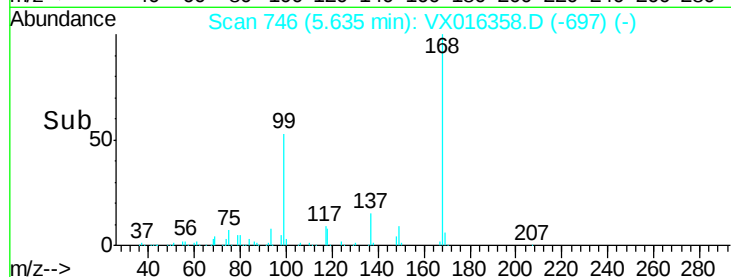
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 304.372 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016358.D

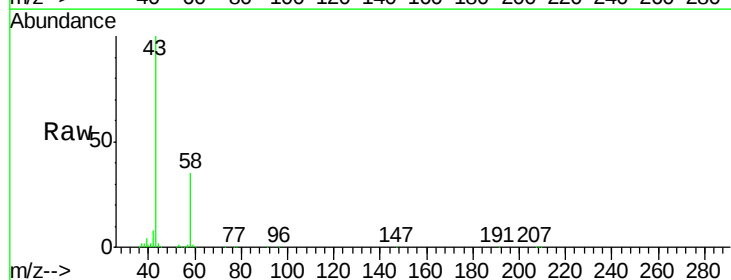
Acq: 20 May 2020 14:29

Tgt Ion: 43 Resp: 454320

Ion Ratio Lower Upper

43 100

58 35.3 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

300000

250000

200000

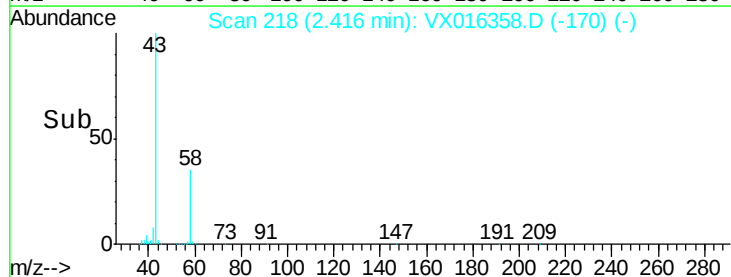
150000

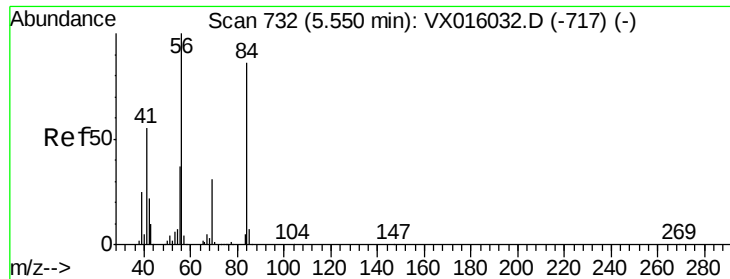
100000

50000

0

Time-->

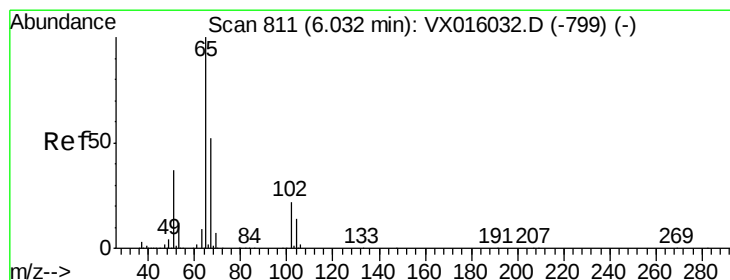
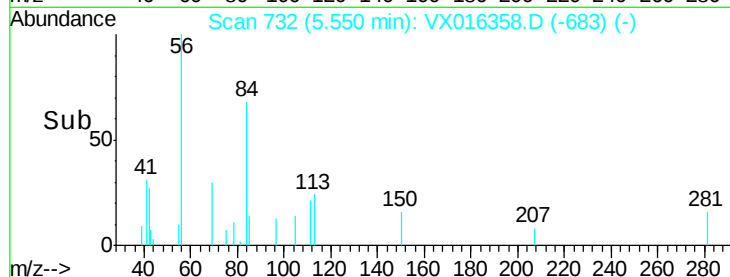
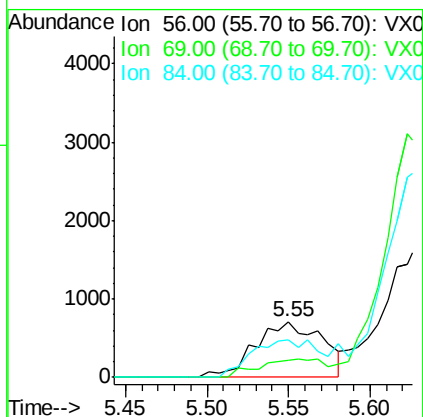
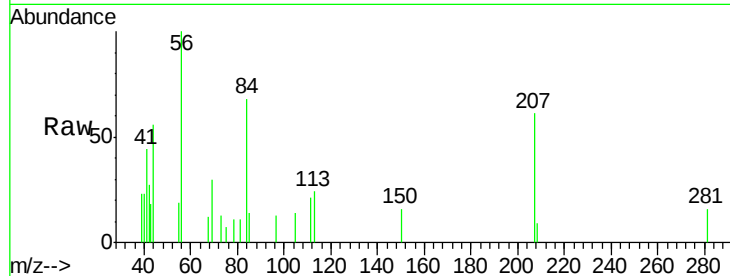




#31
Cyclohexane
Concen: 0.435 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016358.D
Acq: 20 May 2020 14:29

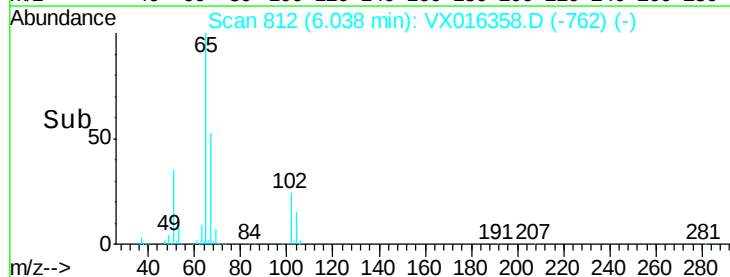
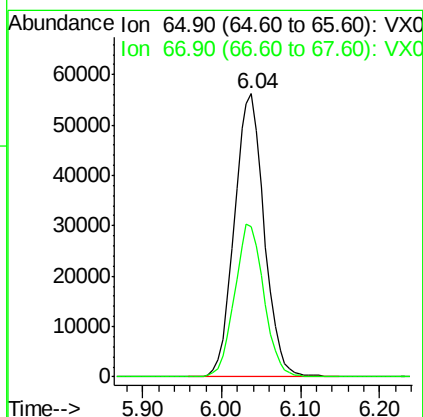
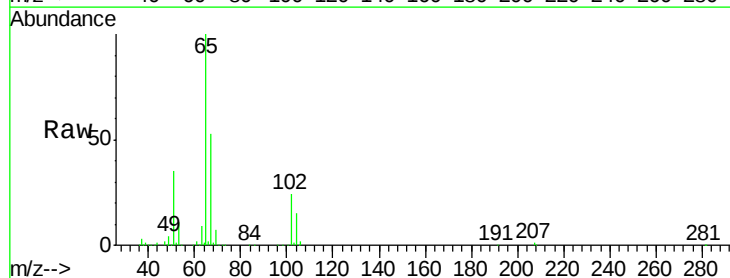
Instrument :
MSVOA_X
ClientSampleID :
30559DL

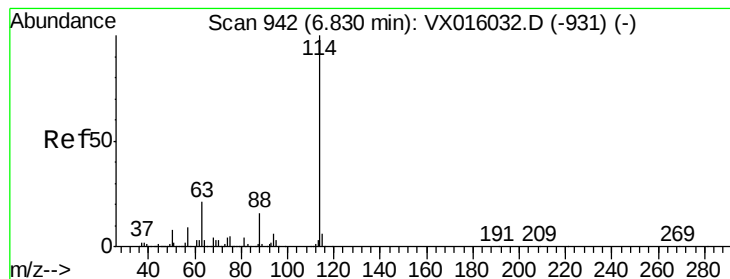
Tot Ion: 56 Resp: 2022
Ion Ratio Lower Upper
56 100
69 29.6 25.0 37.6
84 68.1 69.0 103.6#



#33
1,2-Dichloroethane-d4
Concen: 44.024 ug/l
RT: 6.04 min Scan# 812
Delta R.T. 0.01 min
Lab File: VX016358.D
Acq: 20 May 2020 14:29

Tgt Ion: 65 Resp: 147275
Ion Ratio Lower Upper
65 100
67 53.3 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016358.D

Acq: 20 May 2020 14:29

Instrument :

MSVOA_X

ClientSampleId :

30559DL

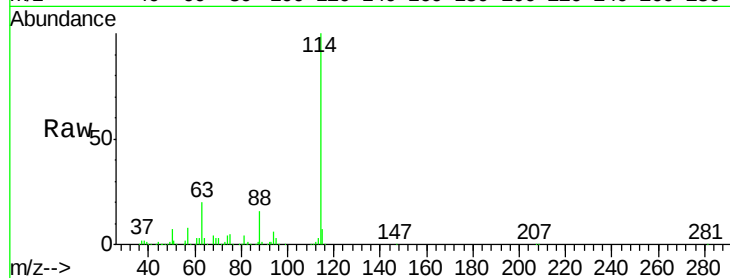
Tot Ion:114 Resp: 421340

Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.8

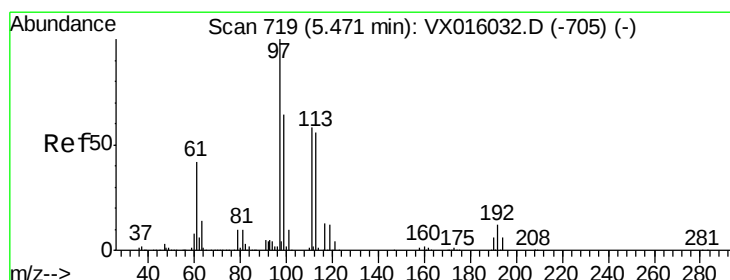
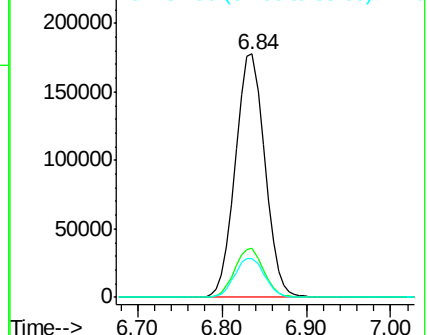
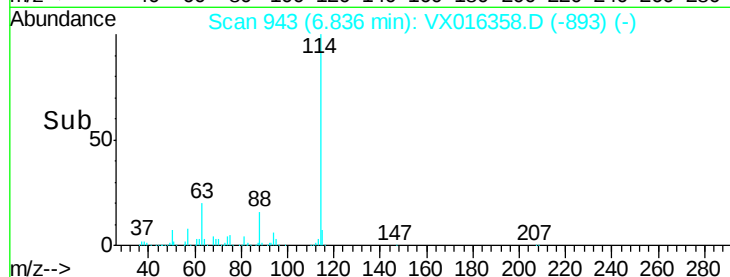
88 16.1 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 45.773 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX016358.D

Acq: 20 May 2020 14:29

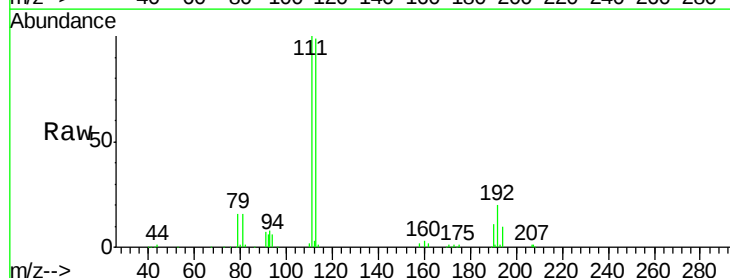
Tgt Ion:113 Resp: 122184

Ion Ratio Lower Upper

113 100

111 102.4 81.6 122.4

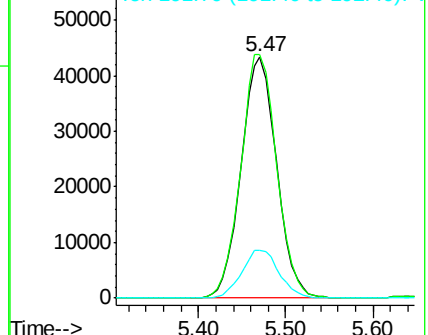
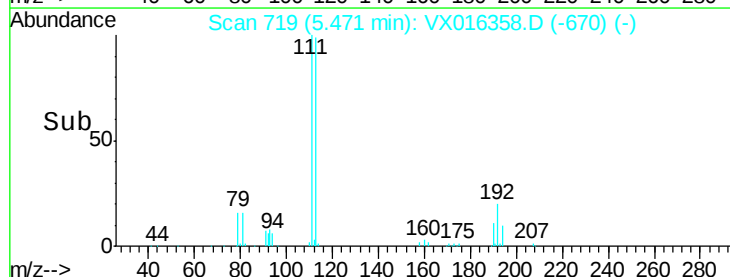
192 20.8 17.0 25.4

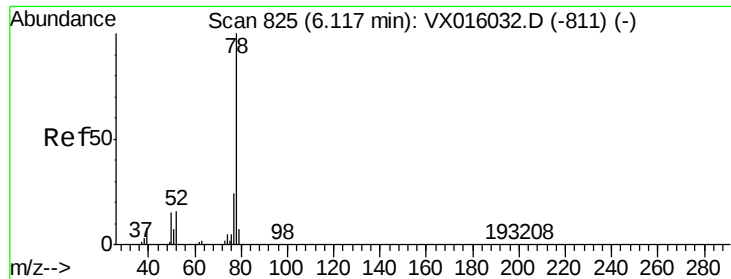


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 3.158 ug/l

RT: 6.12 min Scan# 825

Delta R.T. -0.00 min

Lab File: VX016358.D

Acq: 20 May 2020 14:29

Instrument :

MSVOA_X

ClientSampleId :

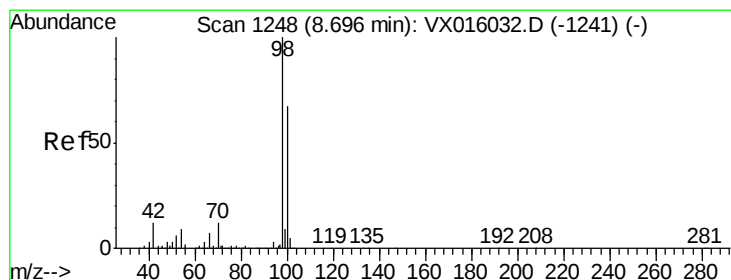
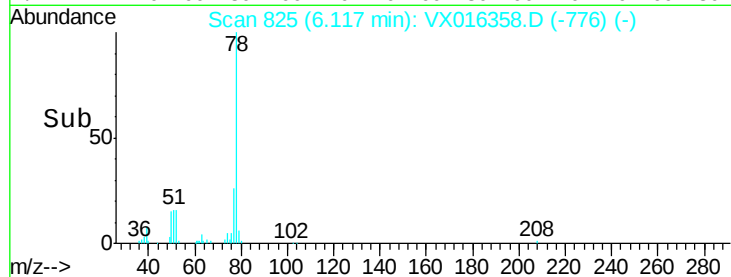
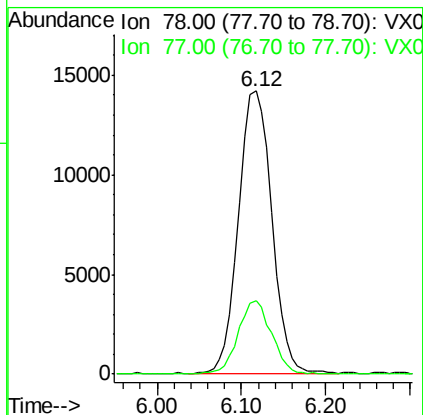
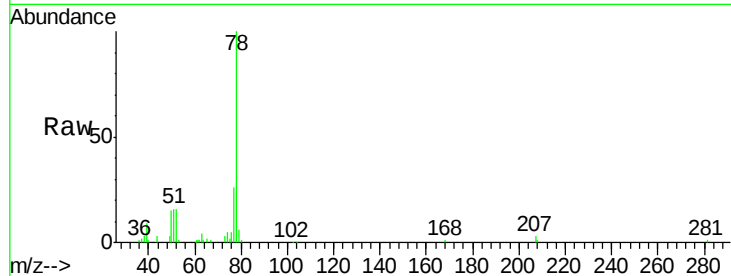
30559DL

Tot Ion: 78 Resp: 38320

Ion Ratio Lower Upper

78 100

77 25.8 19.0 28.4



#50

Toluene-d8

Concen: 49.999 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016358.D

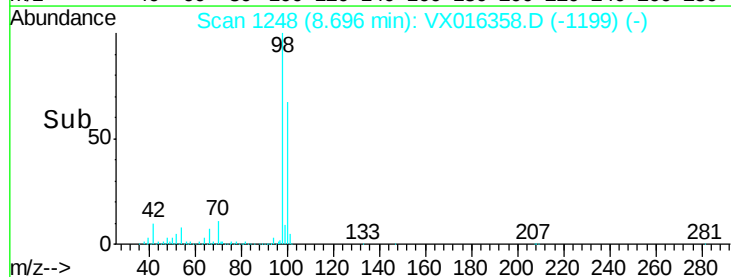
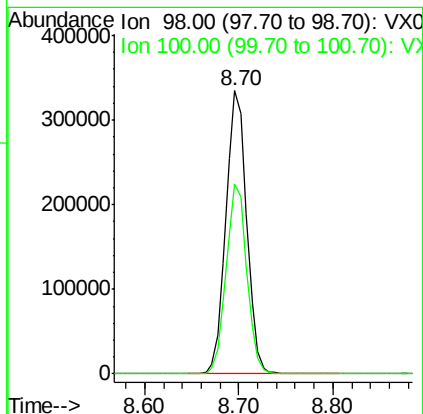
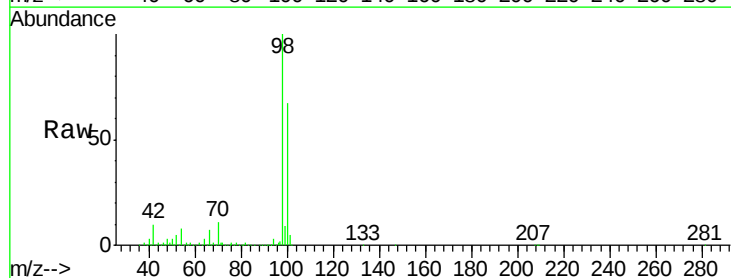
Acq: 20 May 2020 14:29

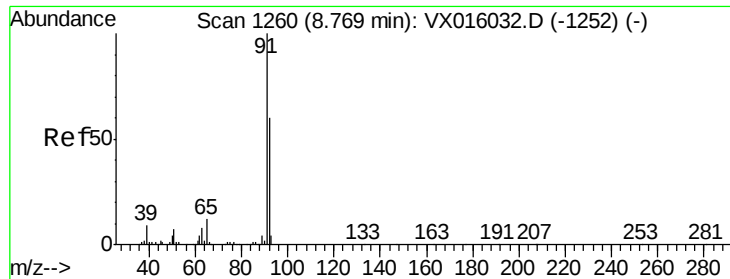
Tgt Ion: 98 Resp: 514252

Ion Ratio Lower Upper

98 100

100 66.7 53.7 80.5





#52

Toluene

Concen: 28.667 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX016358.D

Acq: 20 May 2020 14:29

Instrument :

MSVOA_X

ClientSampleId :

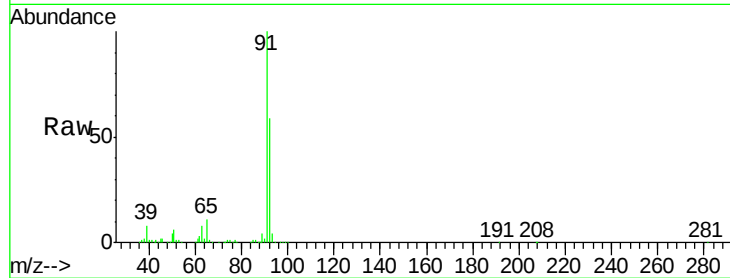
30559DL

Tot Ion: 92 Resp: 216845

Ion Ratio Lower Upper

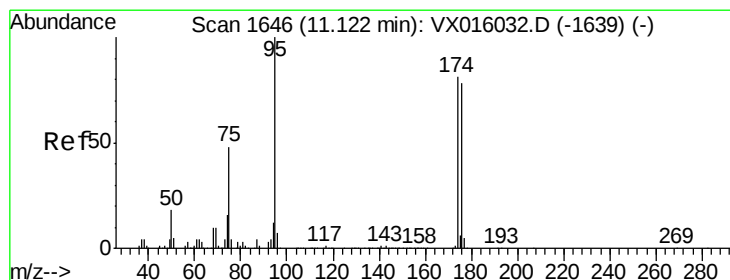
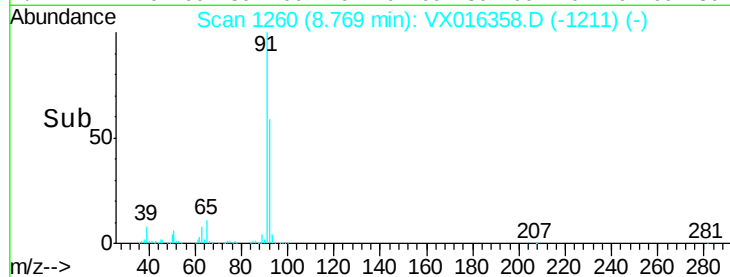
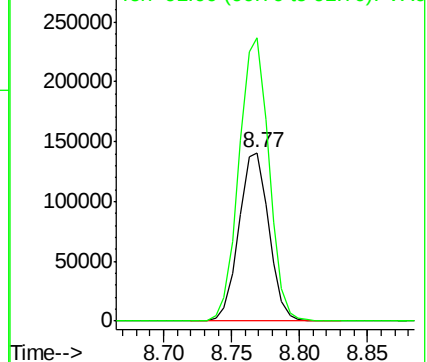
92 100

91 168.5 134.5 201.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 51.007 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016358.D

Acq: 20 May 2020 14:29

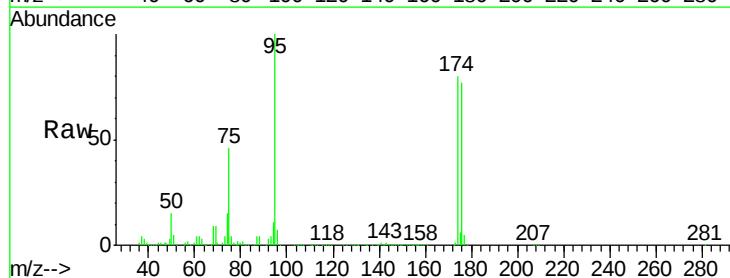
Tgt Ion: 95 Resp: 199541

Ion Ratio Lower Upper

95 100

174 81.0 0.0 159.4

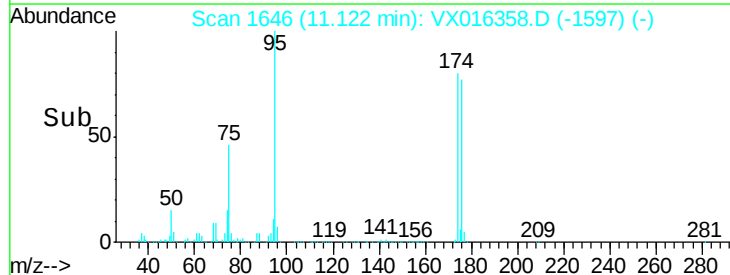
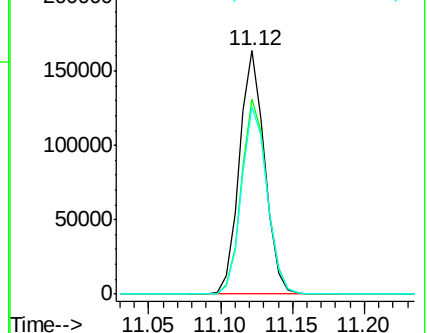
176 78.2 0.0 157.6

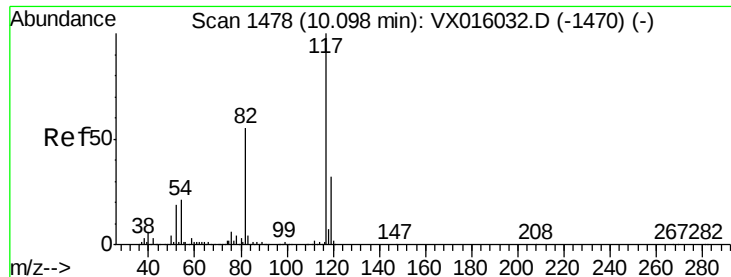


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

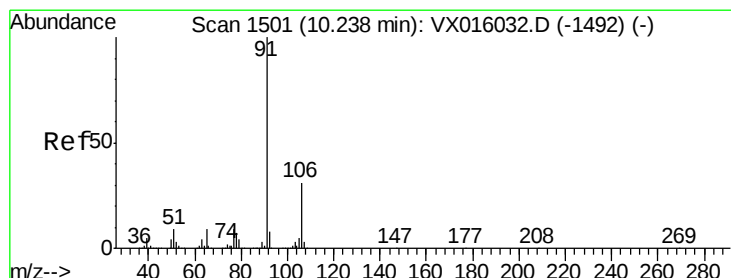
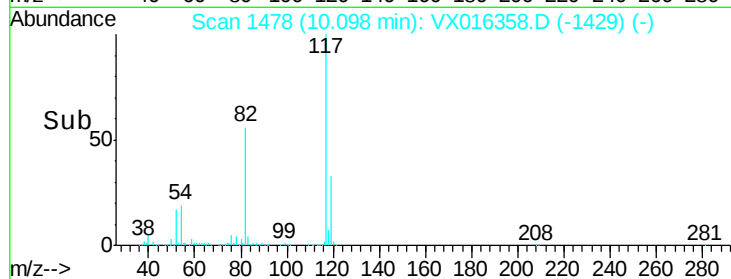
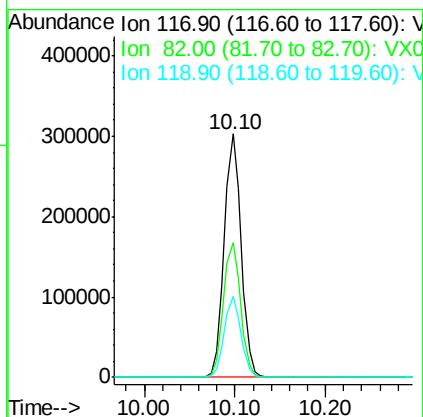
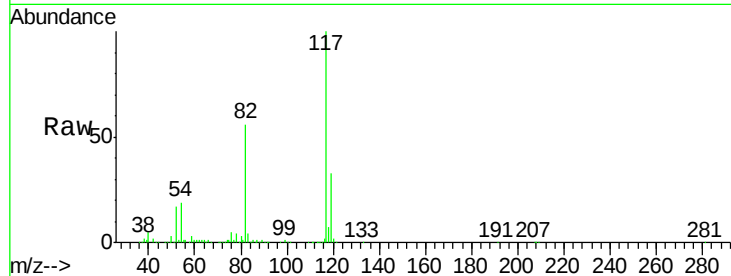




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016358.D
Acq: 20 May 2020 14:29

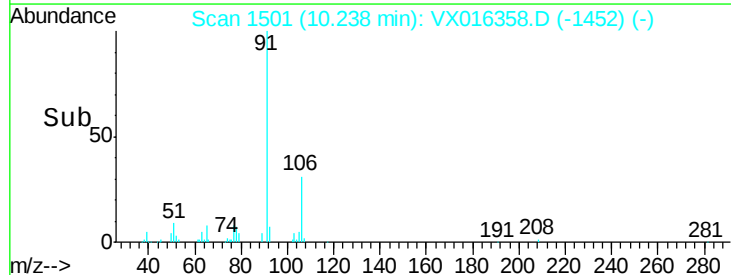
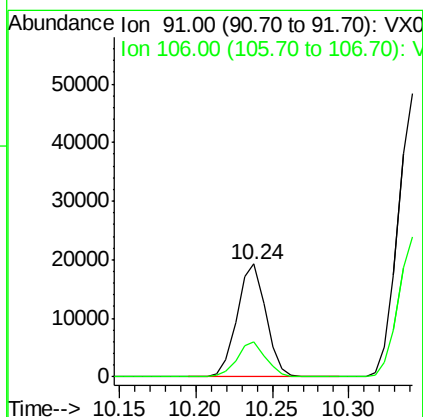
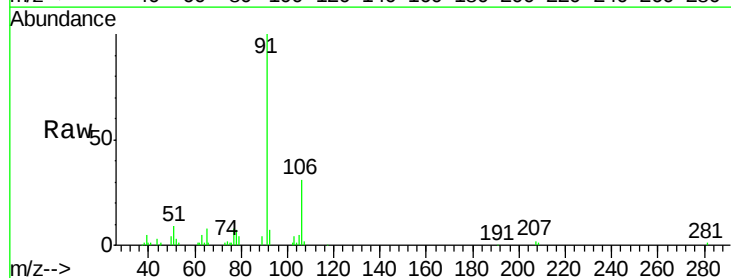
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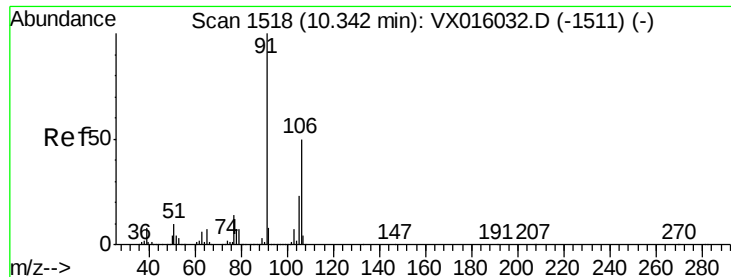
Tot Ion:117 Resp: 395086
Ion Ratio Lower Upper
117 100
82 55.6 44.4 66.6
119 33.1 25.5 38.3



#67
Ethyl Benzene
Concen: 1.712 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX016358.D
Acq: 20 May 2020 14:29

Tgt Ion: 91 Resp: 25270
Ion Ratio Lower Upper
91 100
106 30.9 25.1 37.7





#68

m/p-Xylenes

Concen: 5.756 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016358.D

Acq: 20 May 2020 14:29

Instrument :

MSVOA_X

ClientSampleId :

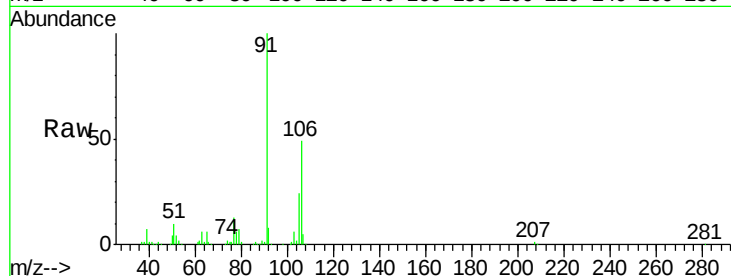
30559DL

Tot Ion:106 Resp: 31834

Ion Ratio Lower Upper

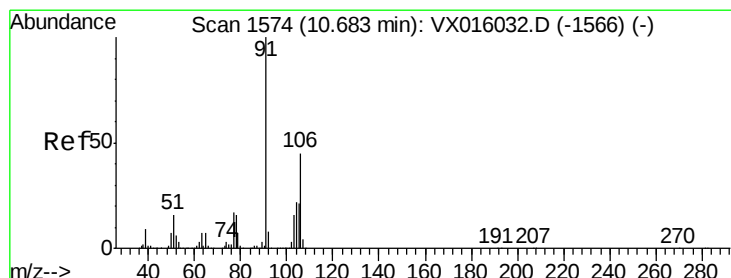
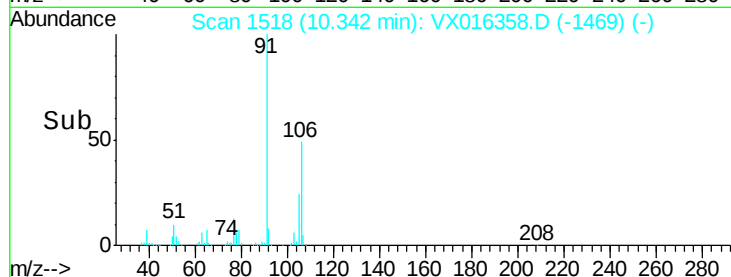
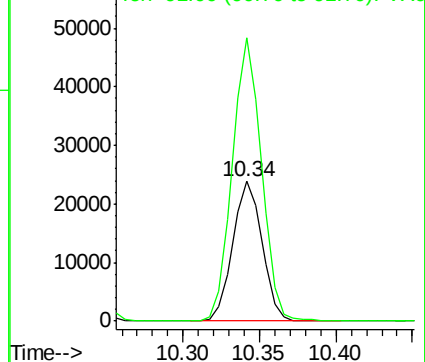
106 100

91 201.4 161.7 242.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 2.804 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX016358.D

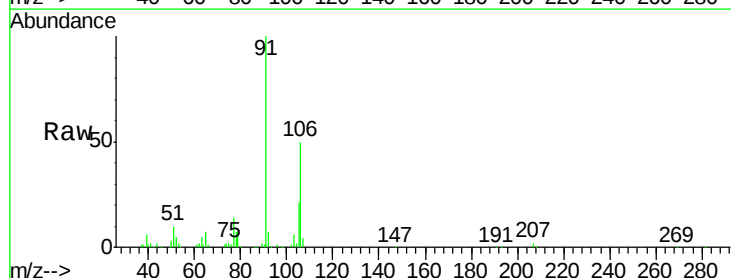
Acq: 20 May 2020 14:29

Tgt Ion:106 Resp: 14906

Ion Ratio Lower Upper

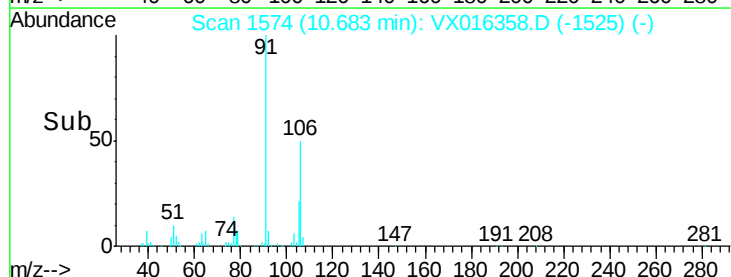
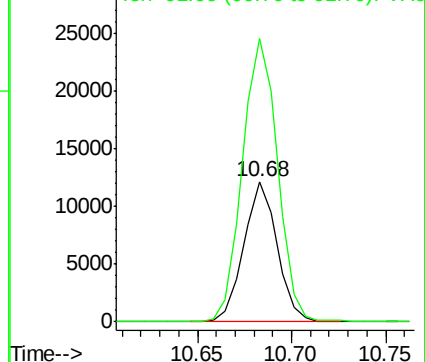
106 100

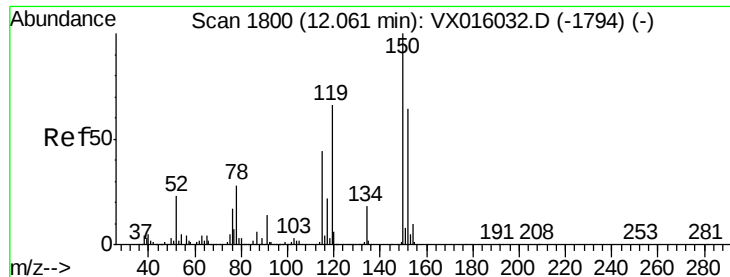
91 213.5 107.5 322.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016358.D

Acq: 20 May 2020 14:29

Instrument :

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ClientSampleId :

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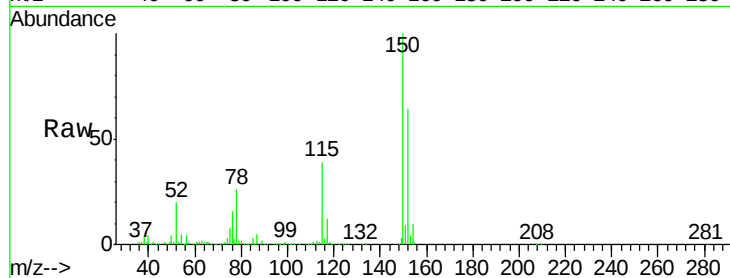
Tot Ion:152 Resp: 193530

Ion Ratio Lower Upper

152 100

115 58.8 41.3 124.1

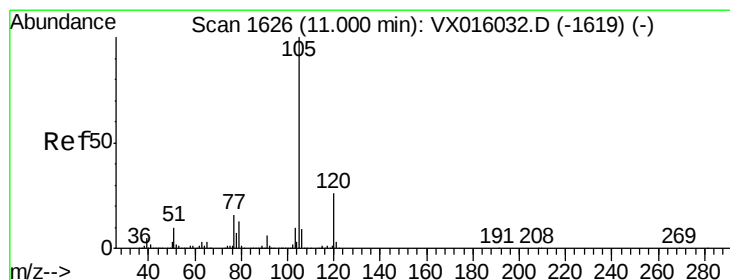
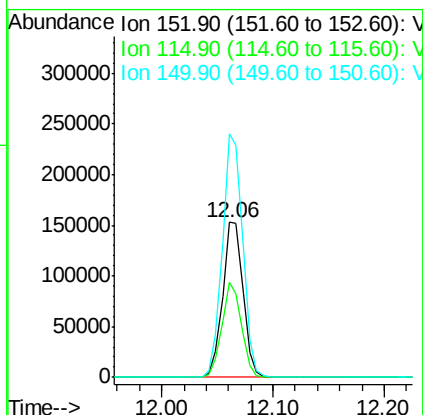
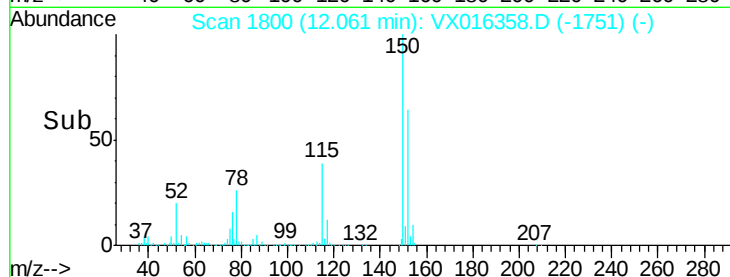
150 156.6 0.0 352.2



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: 0.321 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016358.D

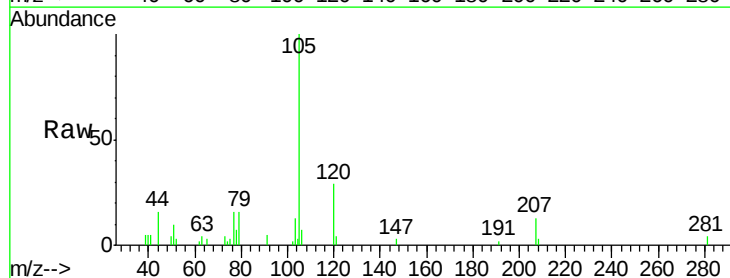
Acq: 20 May 2020 14:29

Tgt Ion:105 Resp: 4521

Ion Ratio Lower Upper

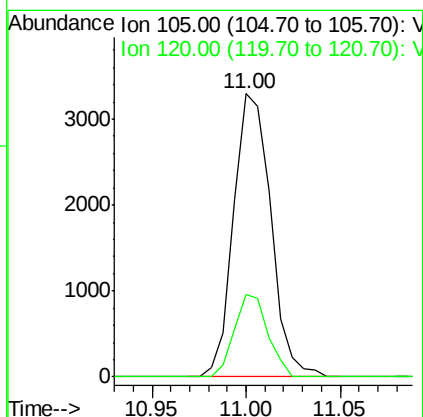
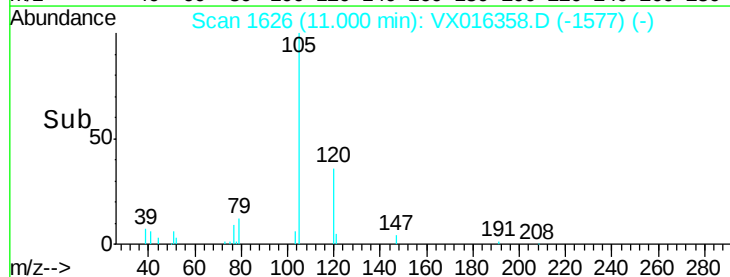
105 100

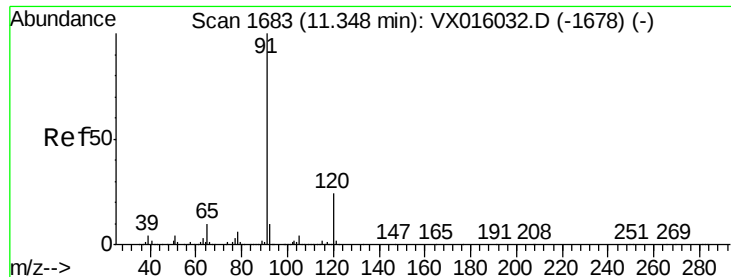
120 26.0 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 0.285 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX016358.D

Acq: 20 May 2020 14:29

Instrument :

MSVOA_X

ClientSampleId :

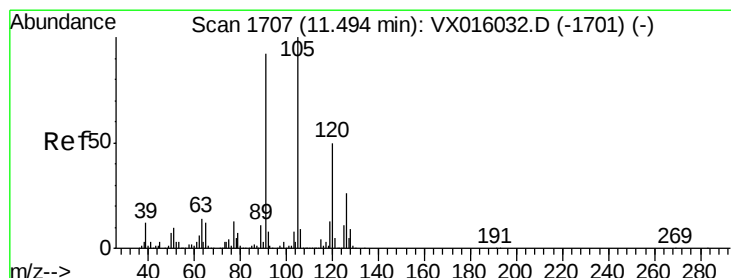
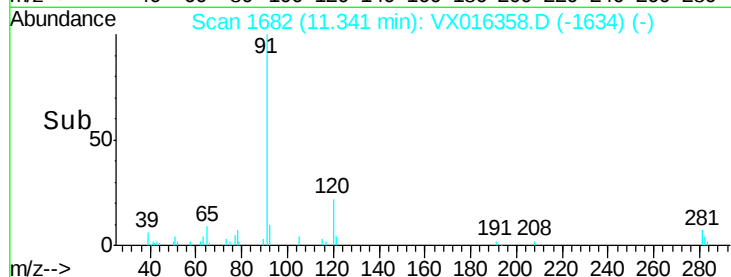
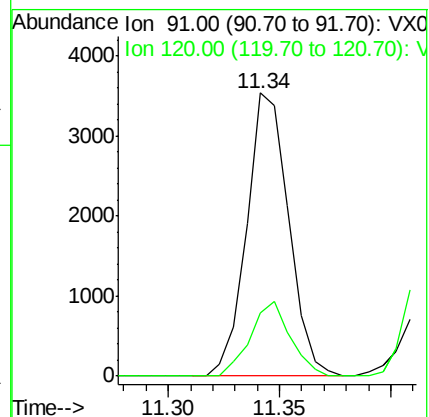
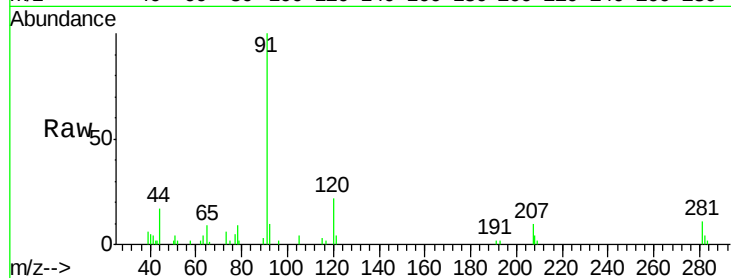
30559DL

Tot Ion: 91 Resp: 4662

Ion Ratio Lower Upper

91 100

120 25.0 11.5 34.5



#80

1,3,5-Trimethylbenzene

Concen: 0.370 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016358.D

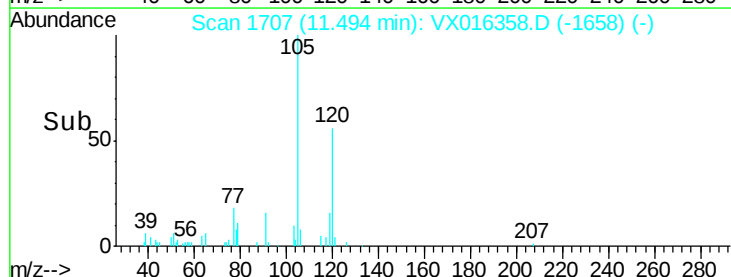
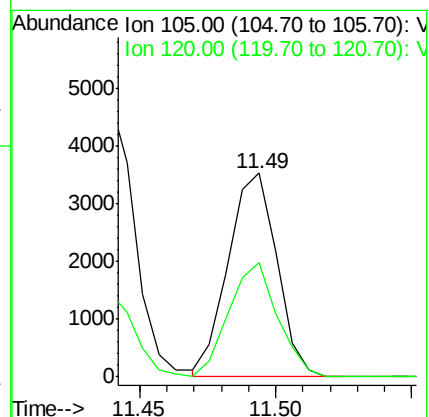
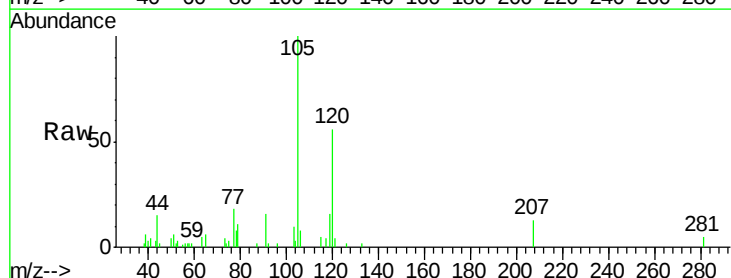
Acq: 20 May 2020 14:29

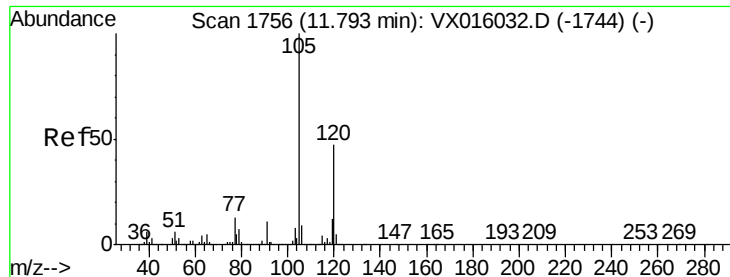
Tgt Ion: 105 Resp: 4401

Ion Ratio Lower Upper

105 100

120 55.7 24.6 74.0





#84

1,2,4-Trimethylbenzene

Concen: 1.533 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX016358.D

Acq: 20 May 2020 14:29

Instrument :

MSVOA_X

ClientSampleId :

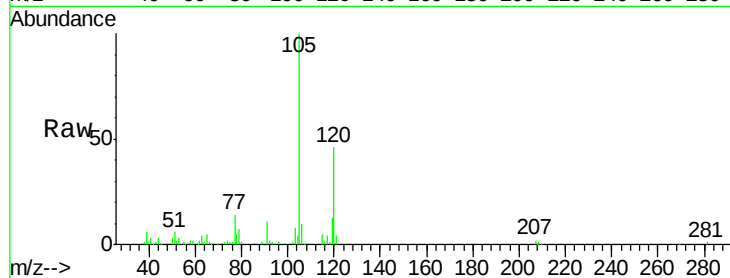
30559DL

Tot Ion:105 Resp: 18422

Ion Ratio Lower Upper

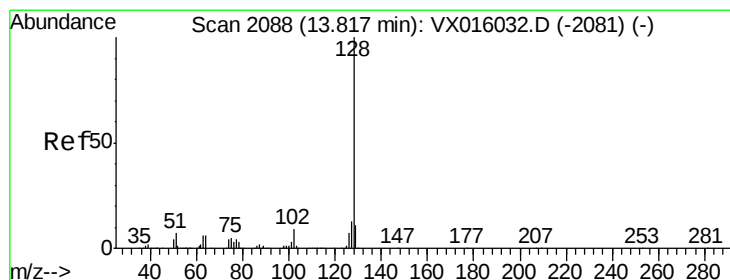
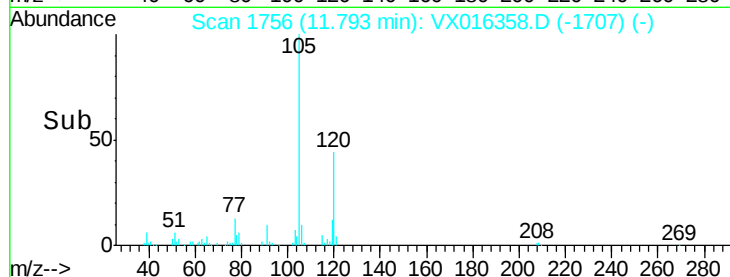
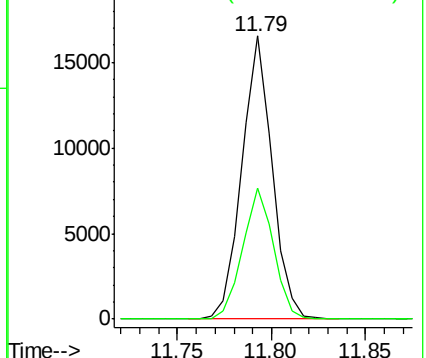
105 100

120 47.2 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: 0.800 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016358.D

Acq: 20 May 2020 14:29

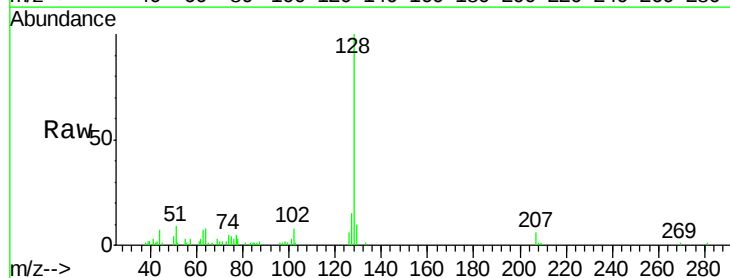
Tgt Ion:128 Resp: 12046

Ion Ratio Lower Upper

128 100

127 14.6 10.2 15.4

129 10.9 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

