

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX051920\
 Data File : VX016341.D
 Acq On : 19 May 2020 17:41
 Operator : JC/SP
 Sample : L2663-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1381

Quant Time: May 20 07:26:06 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

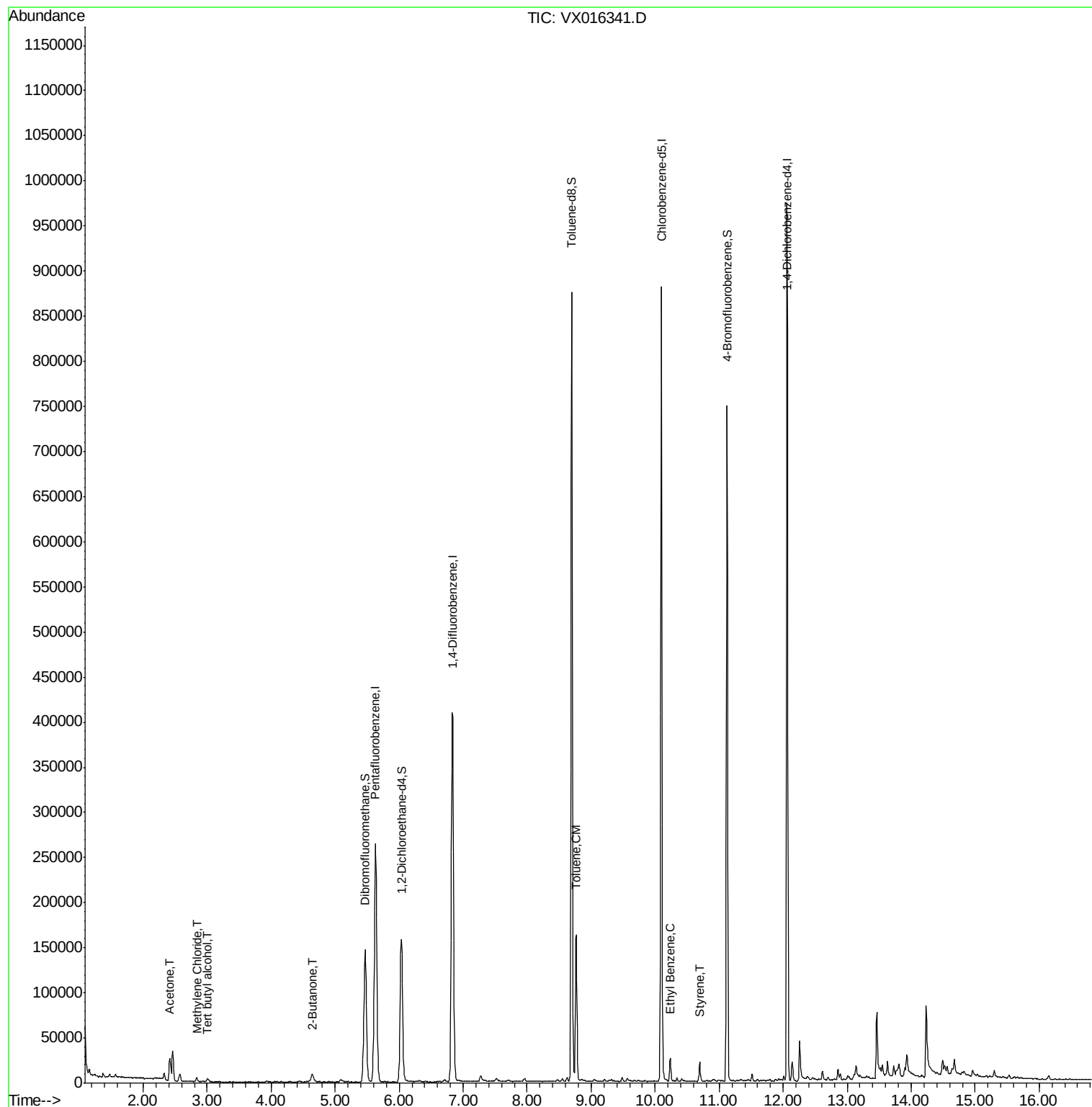
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	256684	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	427227	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	403237	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	200844	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	152476	45.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.28%	
35) Dibromofluoromethane	5.47	113	128183	47.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.72%	
50) Toluene-d8	8.70	98	517309	49.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.20%	
62) 4-Bromofluorobenzene	11.12	95	200984	50.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.34%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.01	59	4290	5.023	ug/l	98
16) Acetone	2.42	43	26190	17.378	ug/l	99
20) Methylene Chloride	2.84	84	2278	0.733	ug/l #	78
25) 2-Butanone	4.64	43	12459	5.130	ug/l	99
52) Toluene	8.77	92	63050	8.220	ug/l	99
67) Ethyl Benzene	10.24	91	14815	0.983	ug/l	96
70) Styrene	10.70	104	8707	0.946	ug/l	93

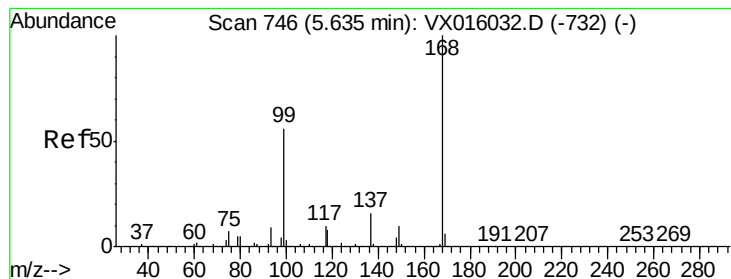
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX016341.D

Acq: 19 May 2020 17:41

Instrument :

MSVOA_X

ClientSampleId :

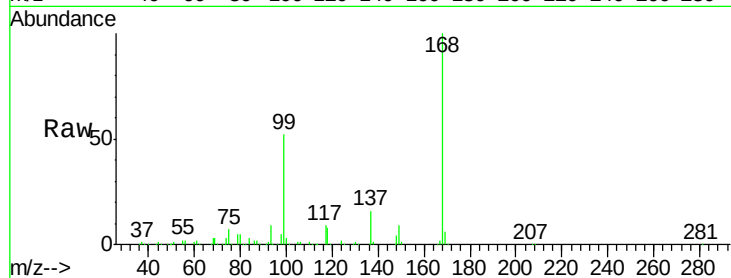
1381

Tot Ion:168 Resp: 256684

Ion Ratio Lower Upper

168 100

99 52.1 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

60000

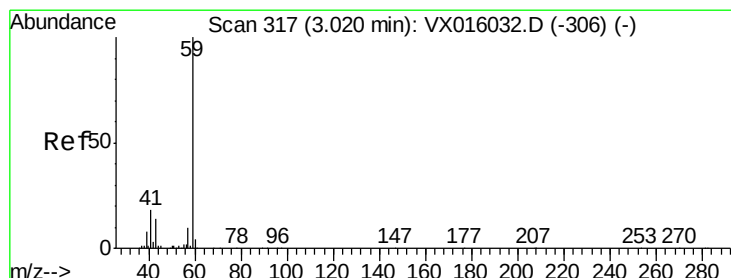
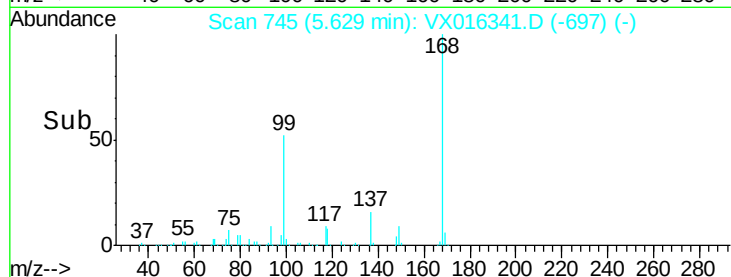
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#11

Tert butyl alcohol

Concen: 5.023 ug/l

RT: 3.01 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX016341.D

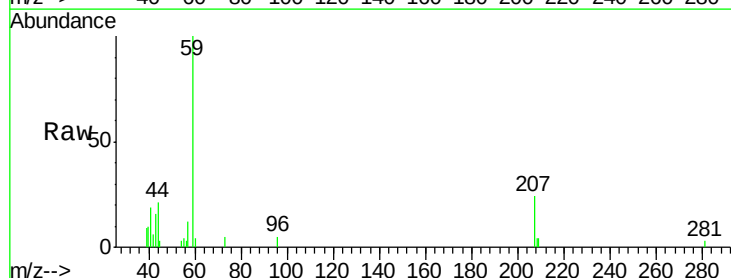
Acq: 19 May 2020 17:41

Tgt Ion: 59 Resp: 4290

Ion Ratio Lower Upper

59 100

57 9.5 8.2 12.4



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.01

2000

1500

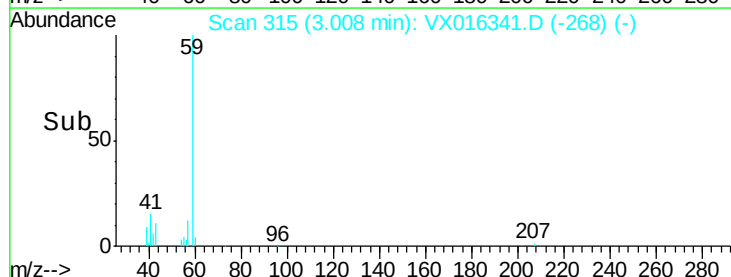
1000

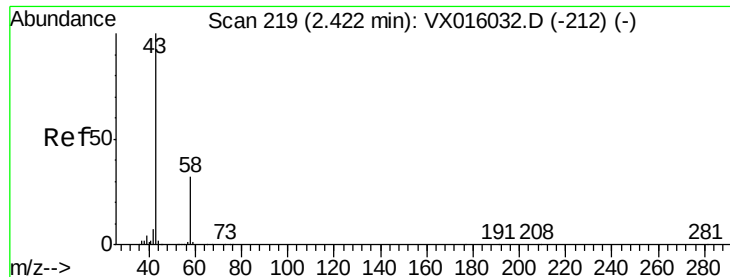
500

0

Time-->

2.95 3.00 3.05 3.10

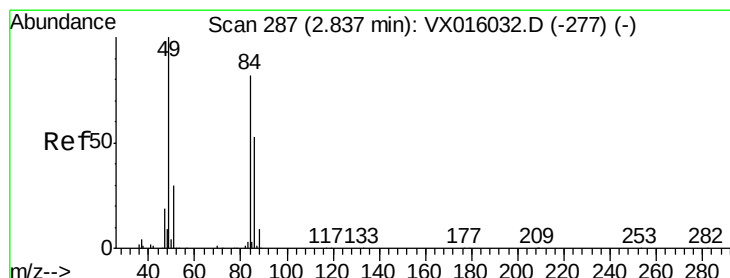
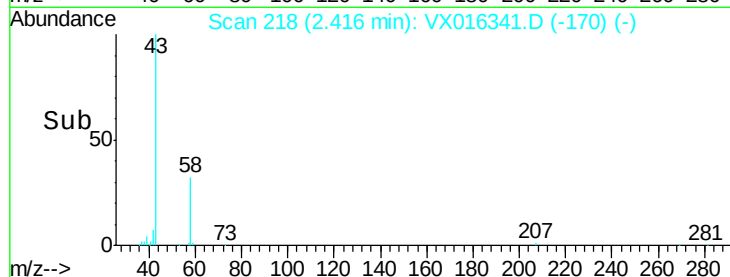
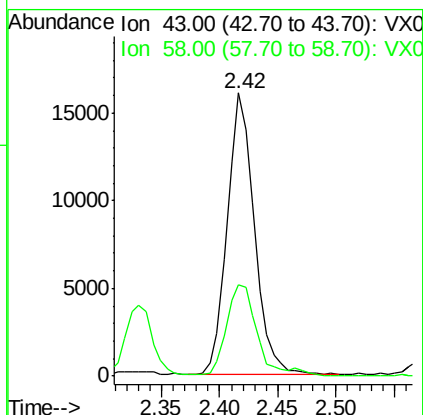
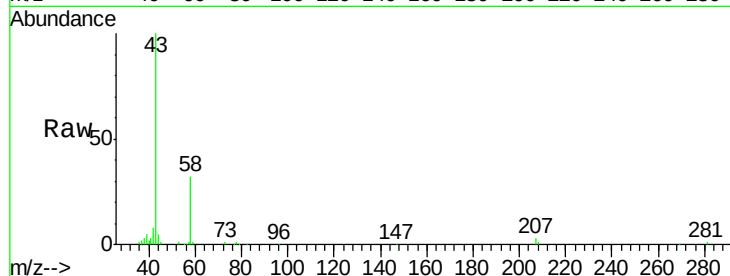




#16
Acetone
Concen: 17.378 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.01 min
Lab File: VX016341.D
Acq: 19 May 2020 17:41

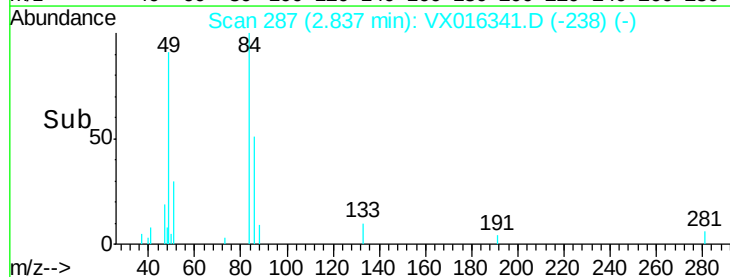
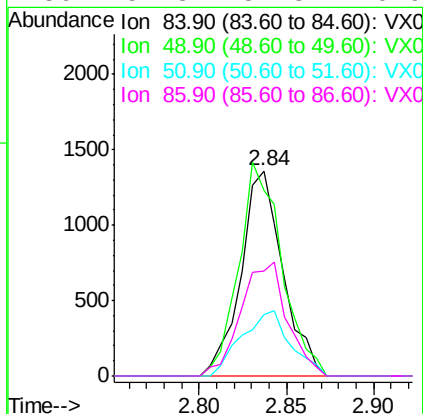
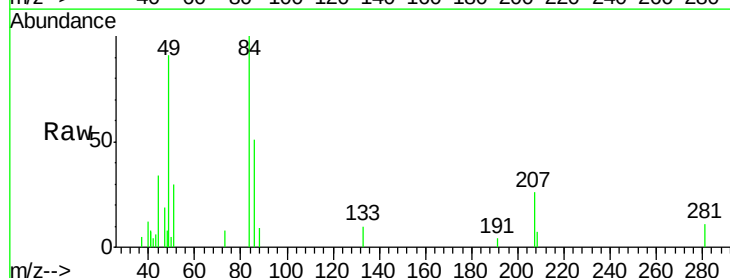
Instrument :
MSVOA_X
ClientSampleId :
1381

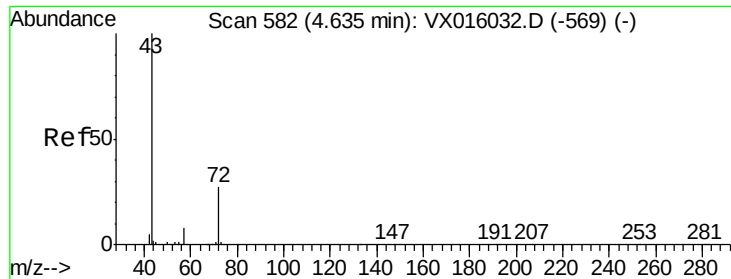
Tot Ion: 43 Resp: 26190
Ion Ratio Lower Upper
43 100
58 32.3 25.4 38.0



#20
Methylene Chloride
Concen: 0.733 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX016341.D
Acq: 19 May 2020 17:41

Tgt Ion: 84 Resp: 2278
Ion Ratio Lower Upper
84 100
49 90.8 97.3 145.9#
51 30.2 29.3 43.9
86 51.3 51.3 76.9





#25

2-Butanone

Concen: 5.130 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX016341.D

Acq: 19 May 2020 17:41

Instrument :

MSVOA_X

ClientSampleId :

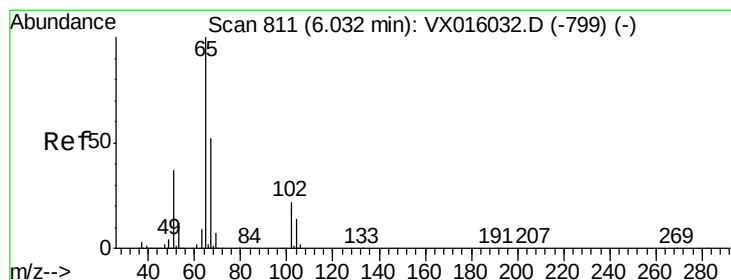
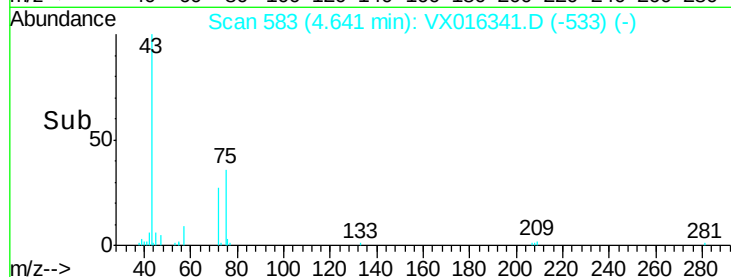
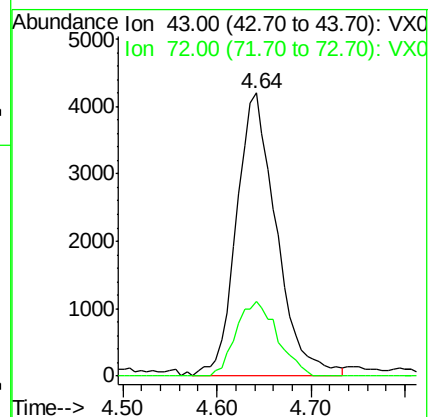
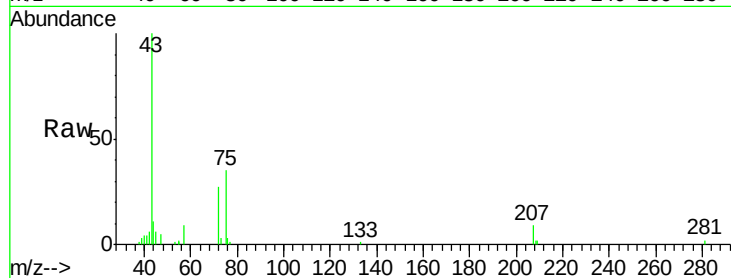
1381

Tot Ion: 43 Resp: 12459

Ion Ratio Lower Upper

43 100

72 26.5 21.8 32.8



#33

1,2-Dichloroethane-d4

Concen: 45.142 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016341.D

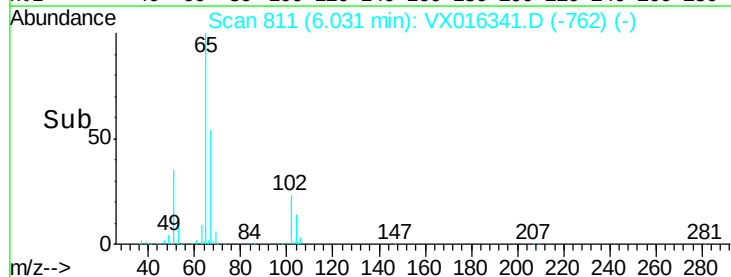
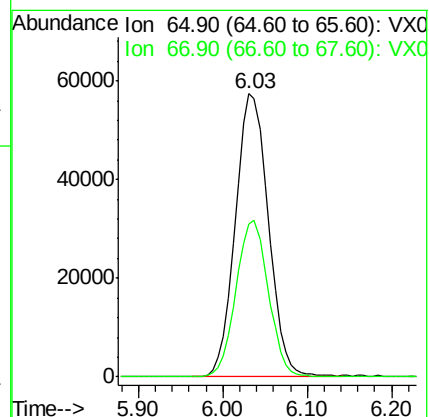
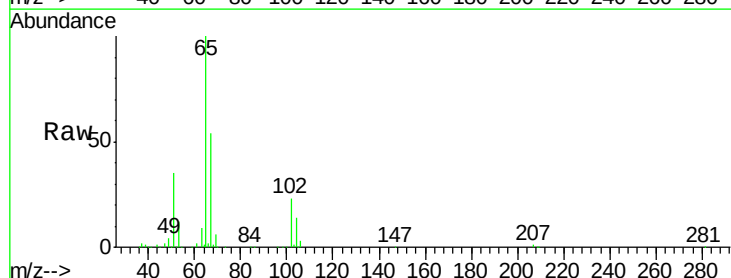
Acq: 19 May 2020 17:41

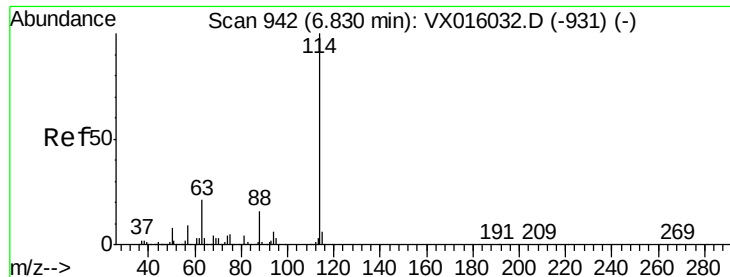
Tgt Ion: 65 Resp: 152476

Ion Ratio Lower Upper

65 100

67 54.1 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: VX016341.D

Acq: 19 May 2020 17:41

Instrument :

MSVOA_X

ClientSampleId :

1381

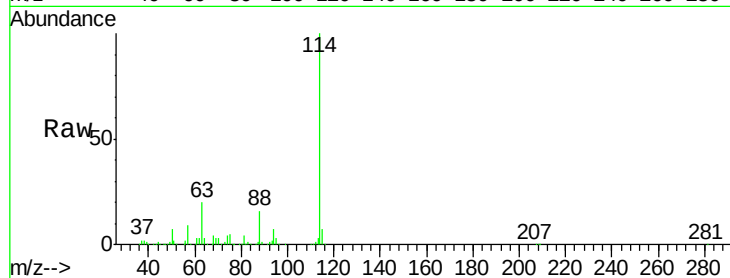
Tot Ion:114 Resp: 427227

Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.8

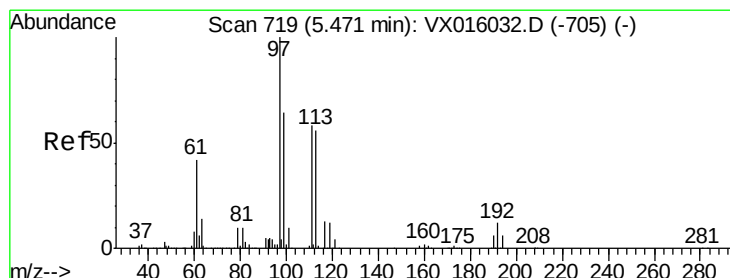
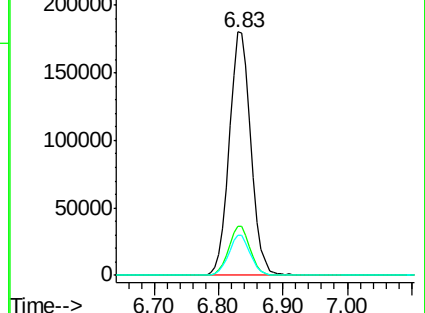
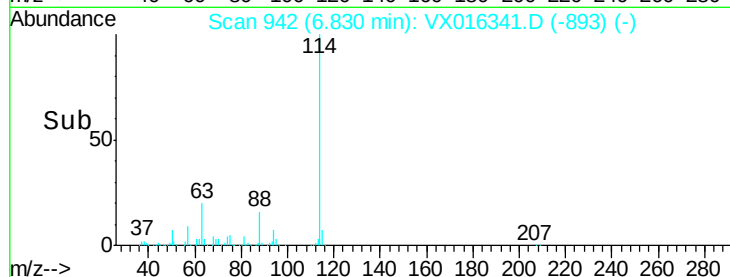
88 16.4 0.0 31.4



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: 47.358 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX016341.D

Acq: 19 May 2020 17:41

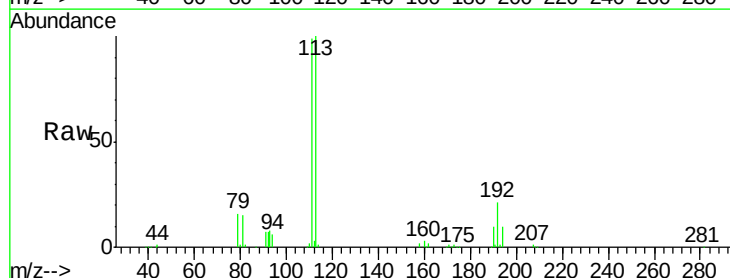
Tgt Ion:113 Resp: 128183

Ion Ratio Lower Upper

113 100

111 102.6 81.6 122.4

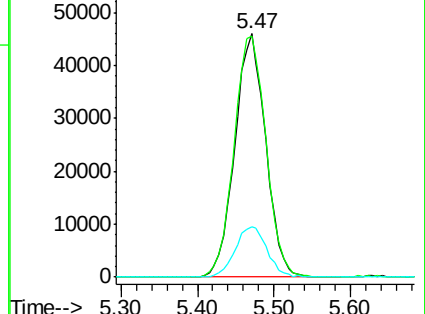
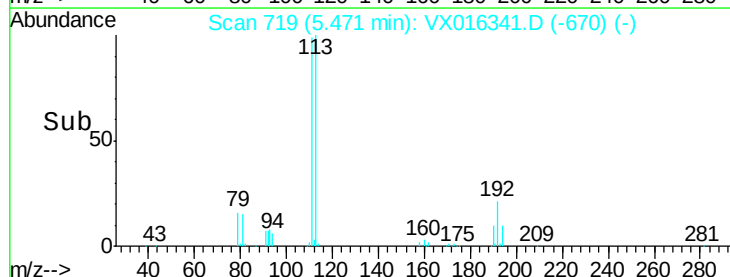
192 21.4 17.0 25.4

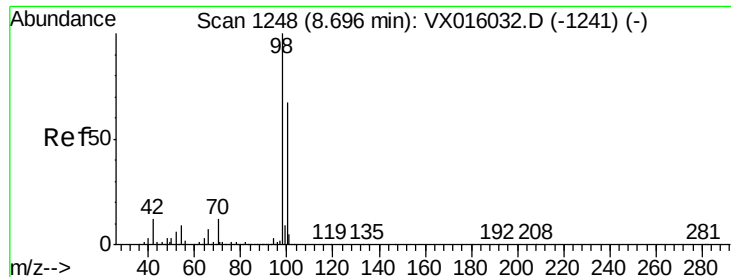


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.603 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016341.D

Acq: 19 May 2020 17:41

Instrument :

MSVOA_X

ClientSampleId :

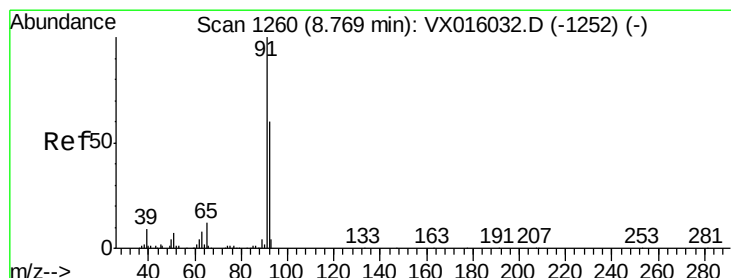
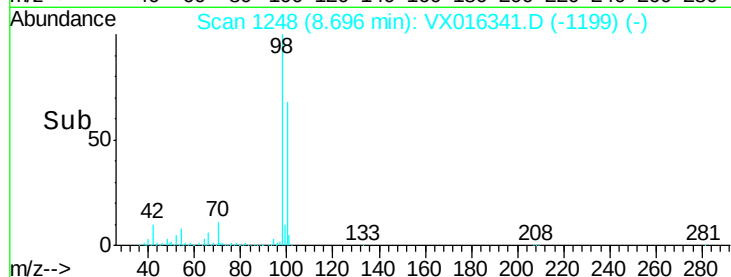
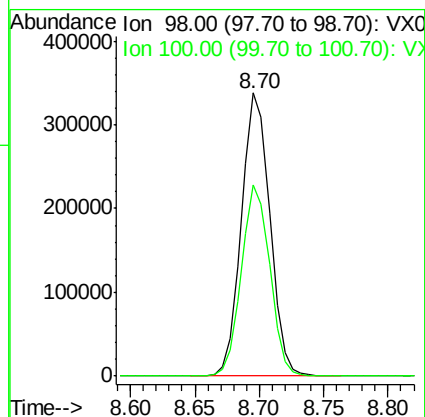
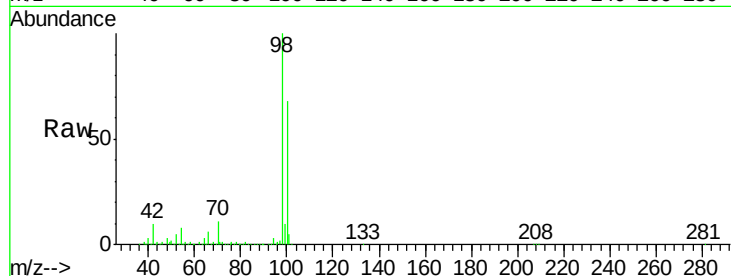
1381

Tot Ion: 98 Resp: 517309

Ion Ratio Lower Upper

98 100

100 67.7 53.7 80.5



#52

Toluene

Concen: 8.220 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX016341.D

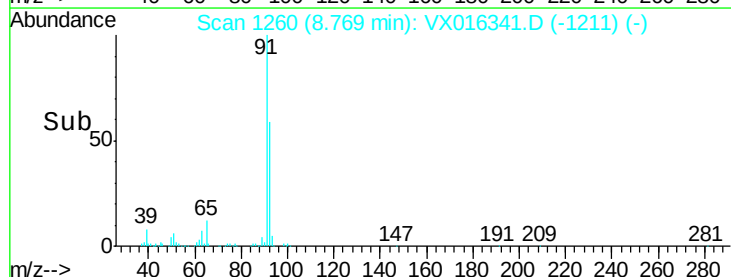
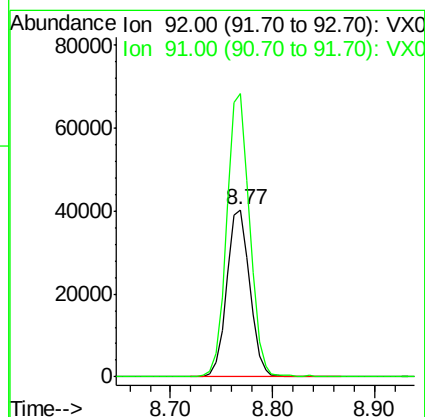
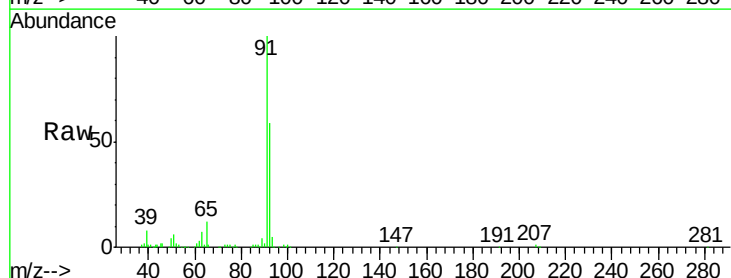
Acq: 19 May 2020 17:41

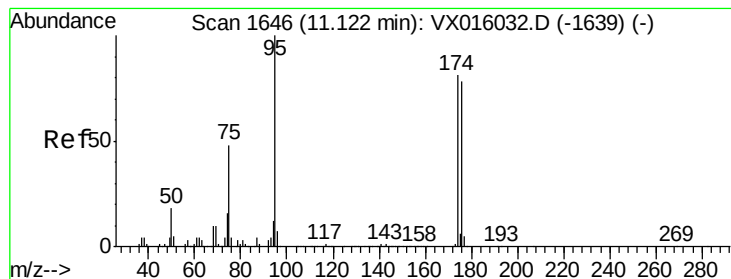
Tgt Ion: 92 Resp: 63050

Ion Ratio Lower Upper

92 100

91 167.3 134.5 201.7





#62

4-Bromofluorobenzene

Concen: 50.668 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016341.D

Acq: 19 May 2020 17:41

Instrument :

MSVOA_X

ClientSampled :

1381

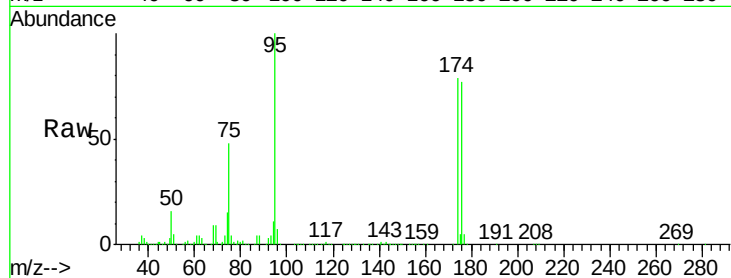
Tot Ion: 95 Resp: 200984

Ion Ratio Lower Upper

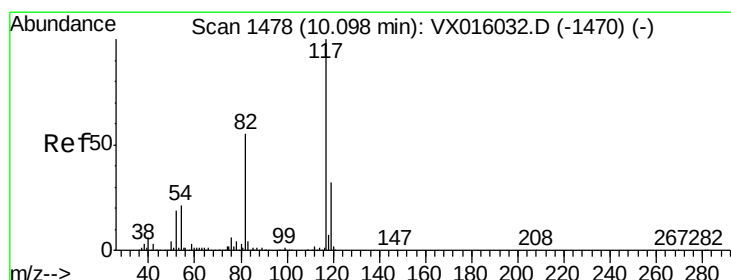
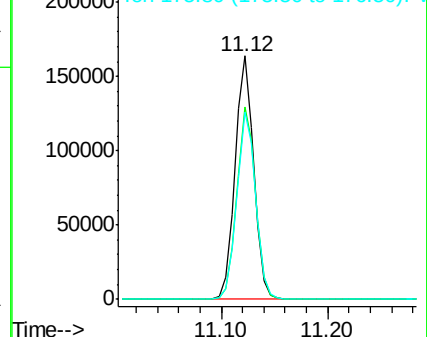
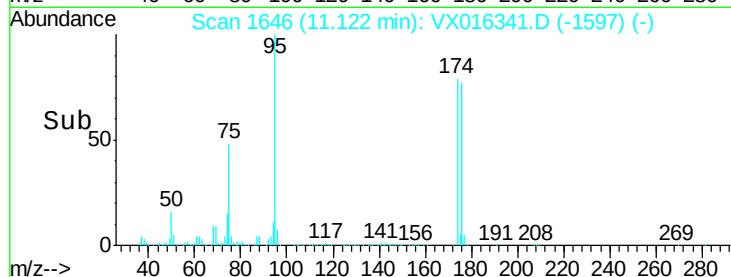
95 100

174 79.4 0.0 159.4

176 78.0 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX016341.D (-1597) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016341.D

Acq: 19 May 2020 17:41

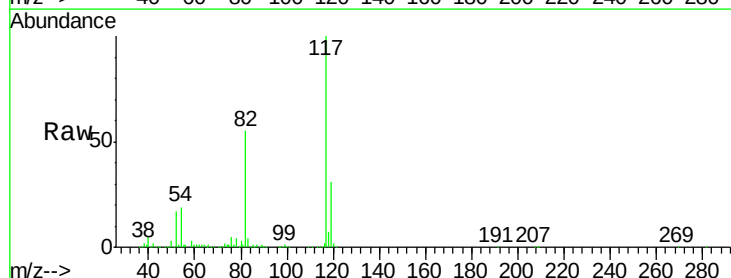
Tgt Ion: 117 Resp: 403237

Ion Ratio Lower Upper

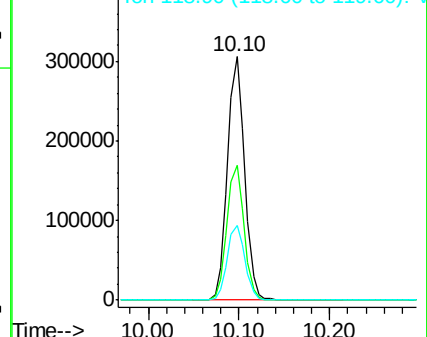
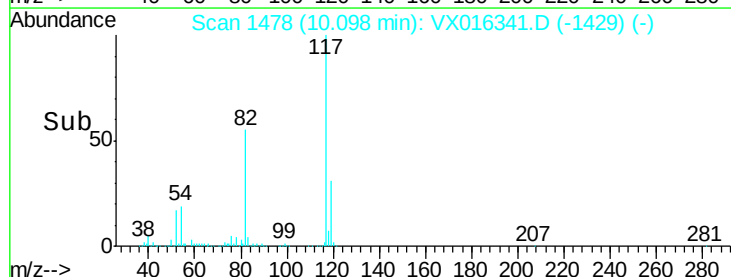
117 100

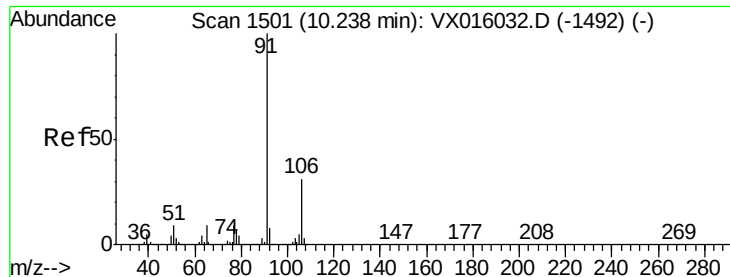
82 55.5 44.4 66.6

119 30.6 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): VX016341.D (-1429) (-)





#67

Ethyl Benzene

Concen: 0.983 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX016341.D

Acq: 19 May 2020 17:41

Instrument :

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ClientSampleId :

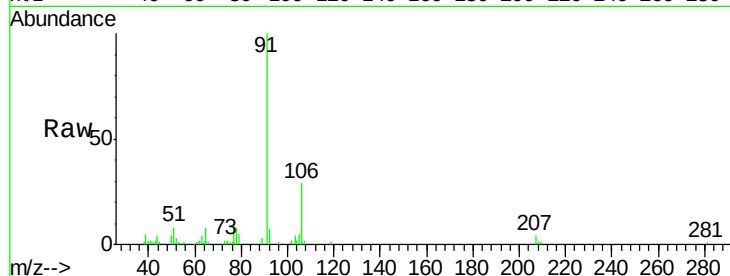
1381

Tot Ion: 91 Resp: 14815

Ion Ratio Lower Upper

91 100

106 29.1 25.1 37.7



Abundance Ion 91.00 (90.70 to 91.70): VX016032.D (-1492) (-)

Ion 106.00 (105.70 to 106.70): VX016032.D (-1492) (-)

12000

10000

8000

6000

4000

2000

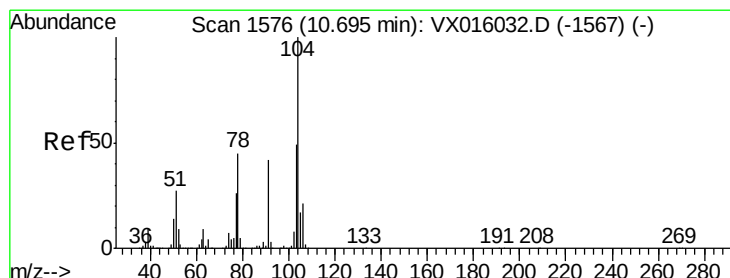
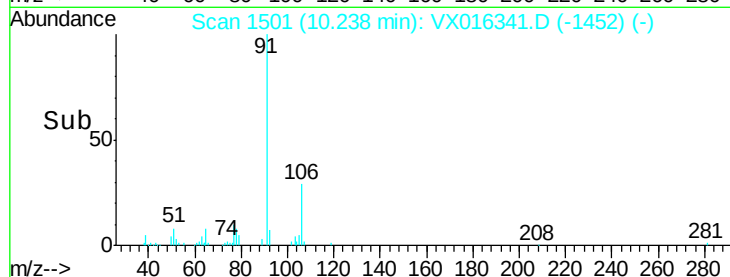
0

10.20

10.24

10.30

Time-->



#70

Styrene

Concen: 0.946 ug/l

RT: 10.70 min Scan# 1577

Delta R.T. 0.01 min

Lab File: VX016341.D

Acq: 19 May 2020 17:41

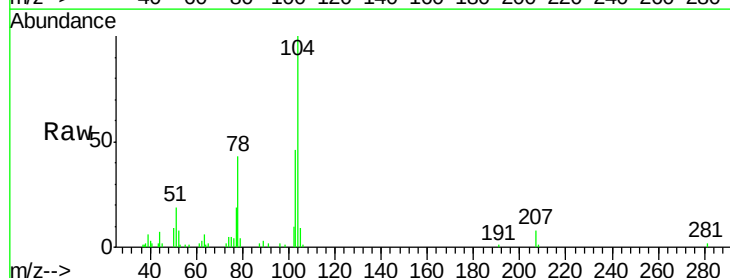
Tgt Ion: 104 Resp: 8707

Ion Ratio Lower Upper

104 100

78 46.2 40.2 60.2

103 48.1 43.0 64.6



Abundance Ion 104.00 (103.70 to 104.70): VX016032.D (-1567) (-)

Ion 78.00 (77.70 to 78.70): VX016032.D (-1567) (-)

Ion 103.00 (102.70 to 103.70): VX016032.D (-1567) (-)

8000

6000

4000

2000

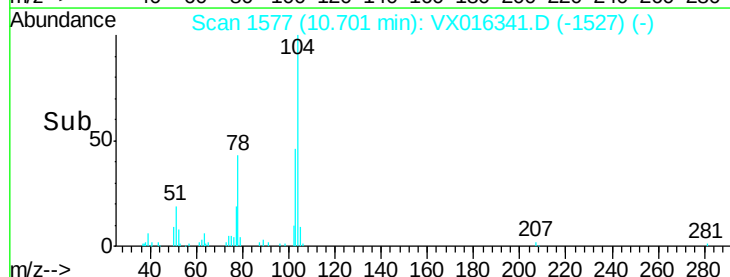
0

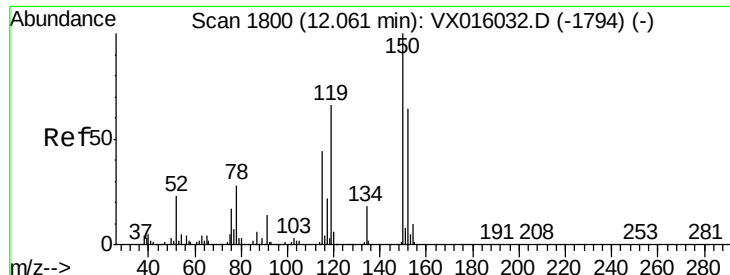
10.65

10.70

10.75

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016341.D

Acq: 19 May 2020 17:41

Instrument :

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ClientSampleId :

1381

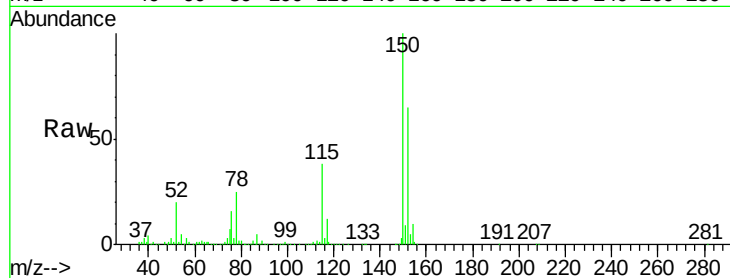
Tot Ion:152 Resp: 200844

Ion Ratio Lower Upper

152 100

115 58.3 41.3 124.1

150 155.8 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

