

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051420\
 Data File : VX016224.D
 Acq On : 14 May 2020 12:37
 Operator : JC/SP
 Sample : L2596-03 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 D-1U

Quant Time: May 15 09:23:49 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

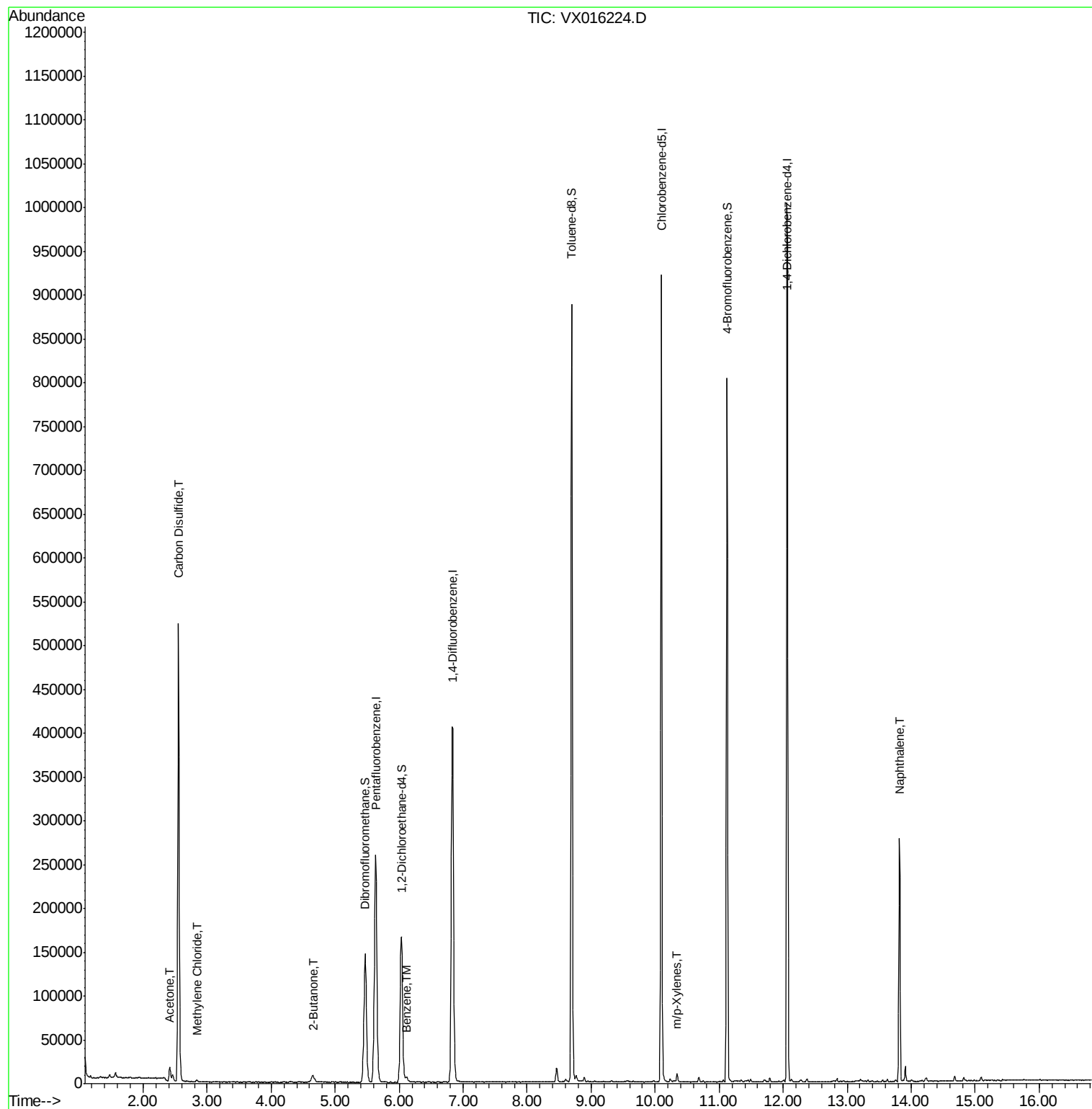
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	254906	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	425286	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	417823	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	209128	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	157324	46.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.80%	
35) Dibromofluoromethane	5.47	113	128502	47.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.38%	
50) Toluene-d8	8.70	98	525845	50.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.30%	
62) 4-Bromofluorobenzene	11.12	95	211429	53.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.08%	
Target Compounds						
16) Acetone	2.42	43	16451	10.992	ug/l	99
17) Carbon Disulfide	2.55	76	664666	83.667	ug/l	98
20) Methylene Chloride	2.84	84	853	0.276	ug/l	89
25) 2-Butanone	4.65	43	3280	1.360	ug/l	92
40) Benzene	6.11	78	6653	0.543	ug/l	98
68) m/p-Xylenes	10.34	106	1991	0.340	ug/l	99
95) Naphthalene	13.82	128	170851	10.499	ug/l	100

(#) = 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: VX016224.D

Acq: 14 May 2020 12:37

Instrument :

MSVOA_X

ClientSampleId :

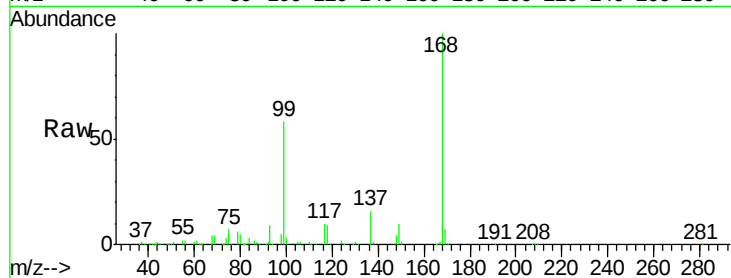
D-1U

Tot Ion:168 Resp: 254906

Ion Ratio Lower Upper

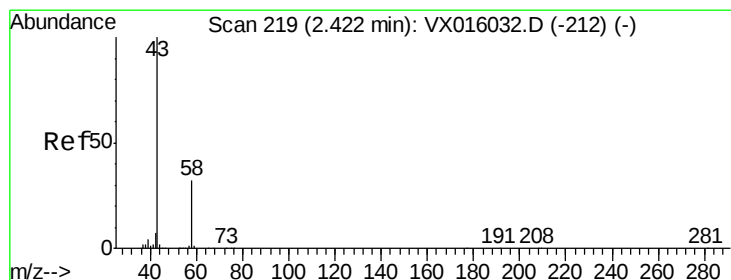
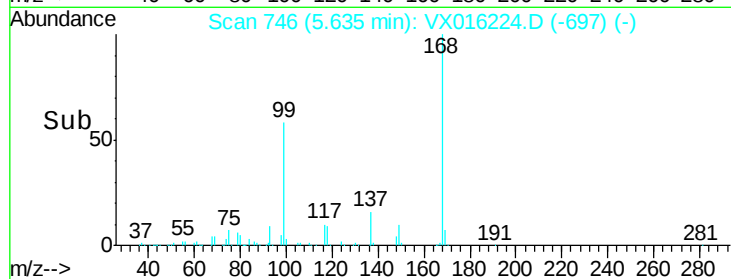
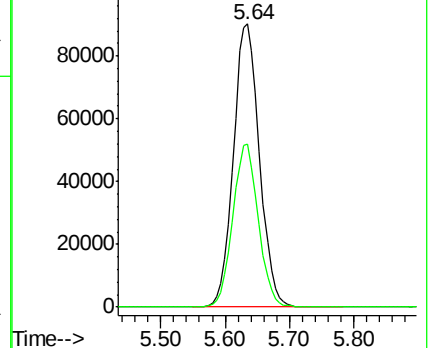
168 100

99 57.7 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 10.992 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016224.D

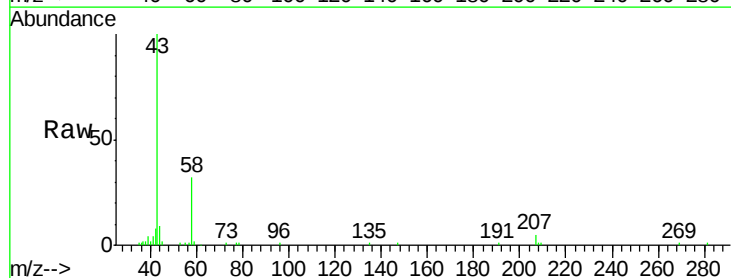
Acq: 14 May 2020 12:37

Tgt Ion: 43 Resp: 16451

Ion Ratio Lower Upper

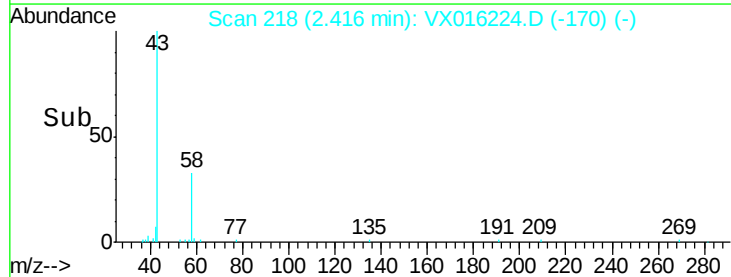
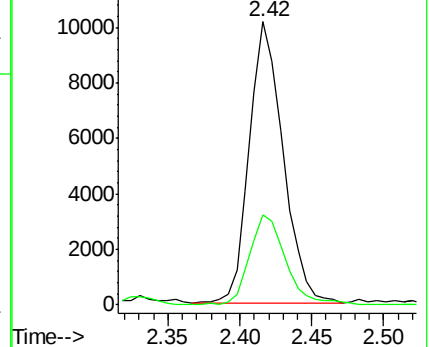
43 100

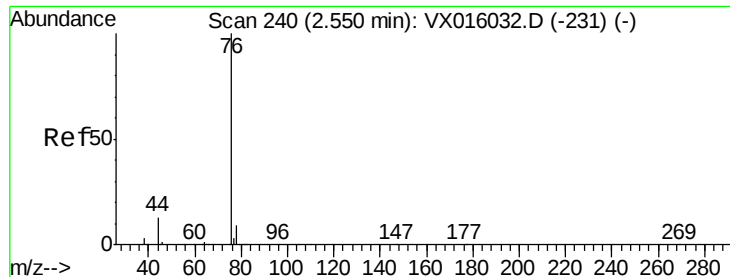
58 32.1 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

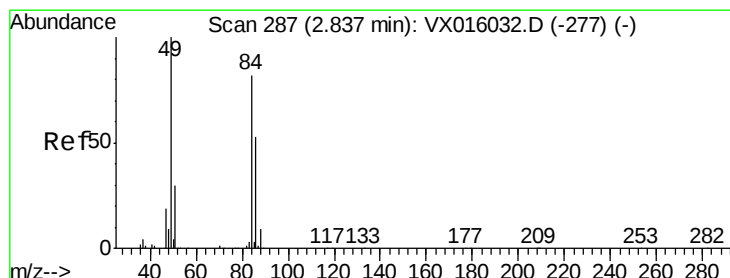
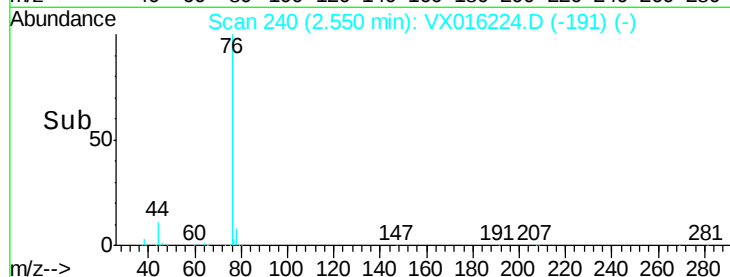
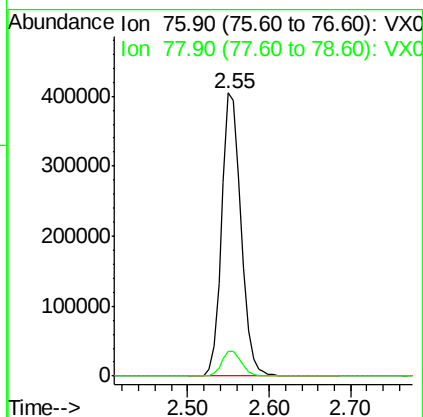
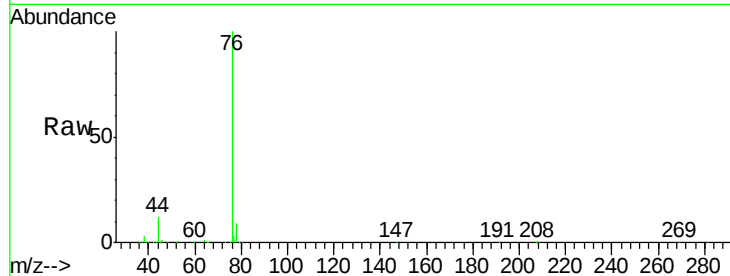




#17
Carbon Disulfide
Concen: 83.667 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX016224.D
Acq: 14 May 2020 12:37

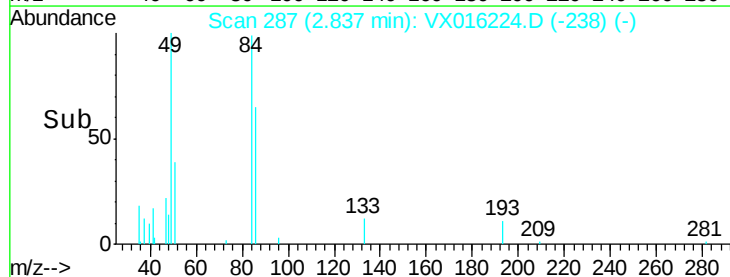
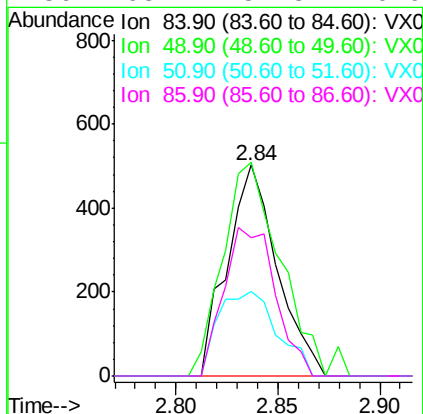
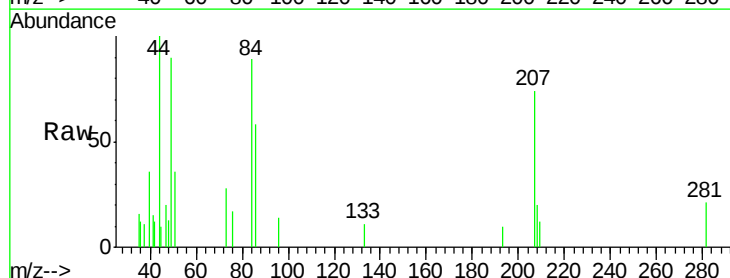
Instrument :
MSVOA_X
ClientSampled :
D-1U

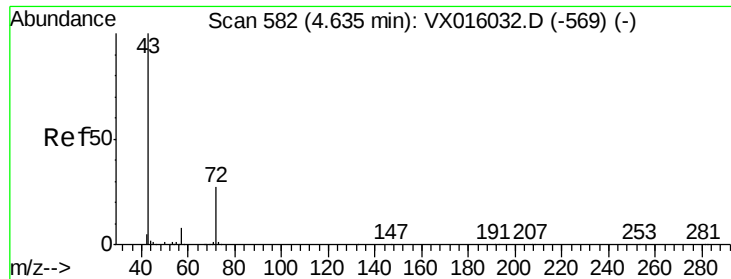
Tot Ion: 76 Resp: 664666
Ion Ratio Lower Upper
76 100
78 8.5 7.5 11.3



#20
Methylene Chloride
Concen: 0.276 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX016224.D
Acq: 14 May 2020 12:37

Tgt Ion: 84 Resp: 853
Ion Ratio Lower Upper
84 100
49 101.4 97.3 145.9
51 40.0 29.3 43.9
86 65.7 51.3 76.9





#25

2-Butanone

Concen: 1.360 ug/l

RT: 4.65 min Scan# 584

Delta R.T. 0.01 min

Lab File: VX016224.D

Acq: 14 May 2020 12:37

Instrument :

MSVOA_X

ClientSampled :

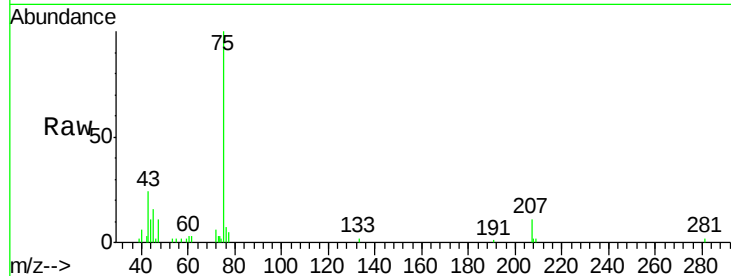
D-1U

Tot Ion: 43 Resp: 3280

Ion Ratio Lower Upper

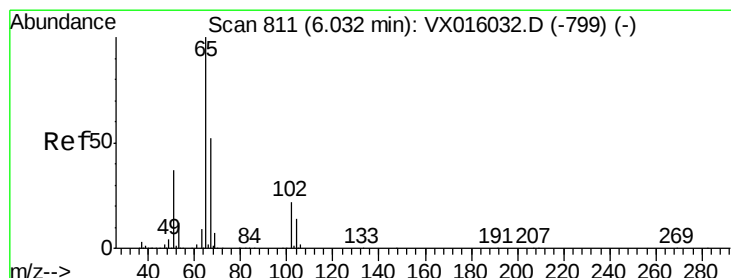
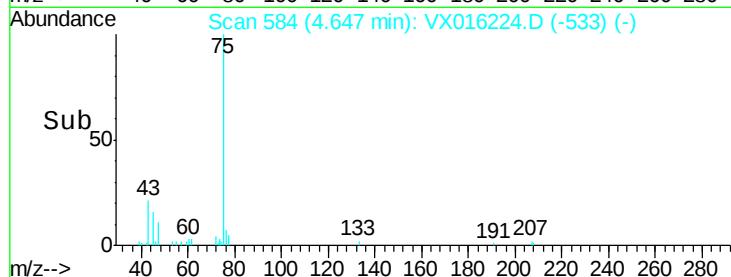
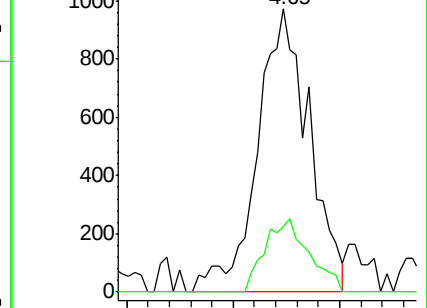
43 100

72 23.3 21.8 32.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 46.902 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016224.D

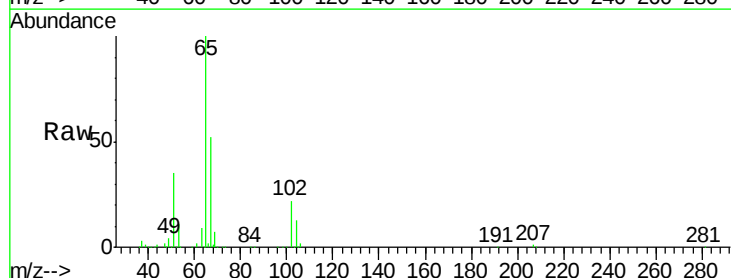
Acq: 14 May 2020 12:37

Tgt Ion: 65 Resp: 157324

Ion Ratio Lower Upper

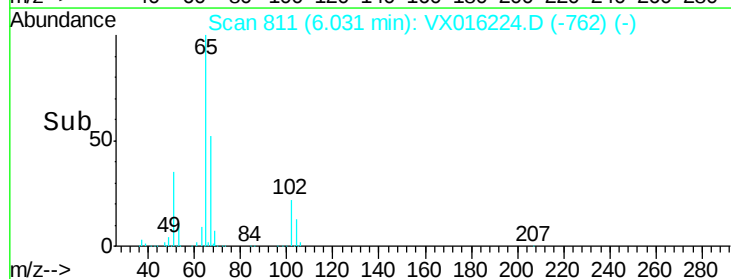
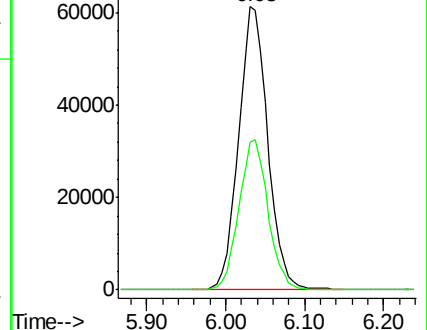
65 100

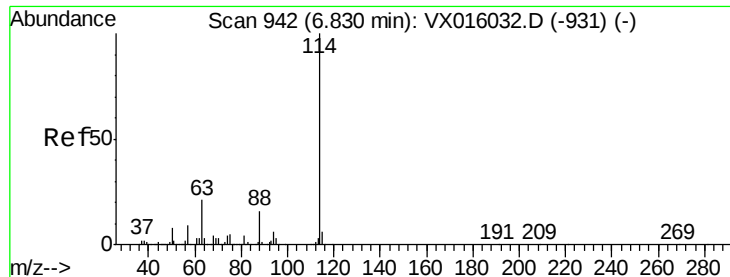
67 52.9 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016224.D

Acq: 14 May 2020 12:37

Instrument :

MSVOA_X

ClientSampleId :

D-1U

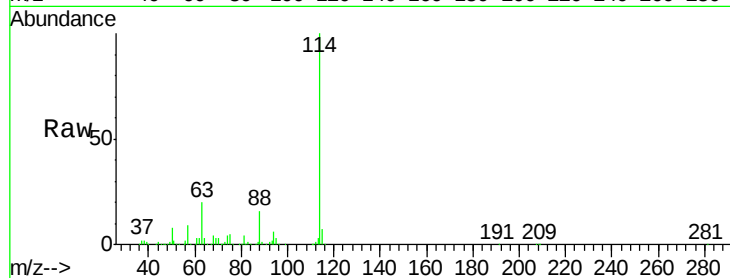
Tot Ion:114 Resp: 425286

Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.8

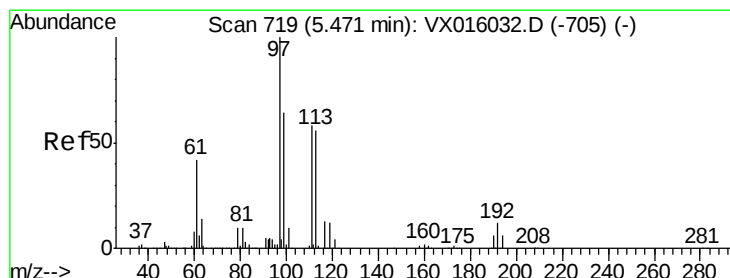
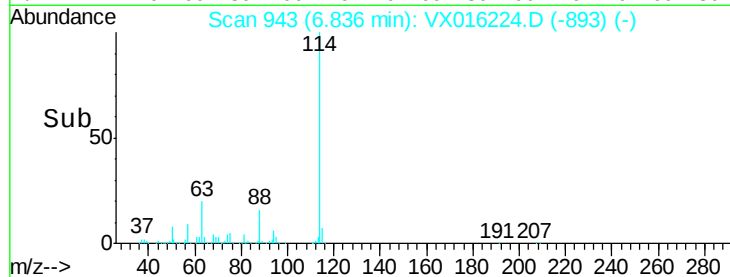
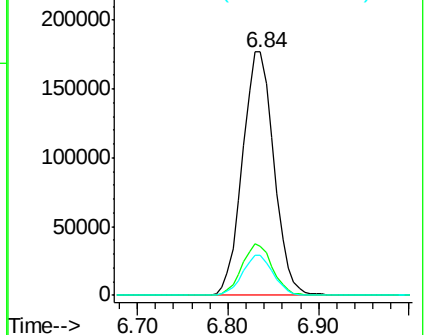
88 16.4 0.0 31.4



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: 47.693 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX016224.D

Acq: 14 May 2020 12:37

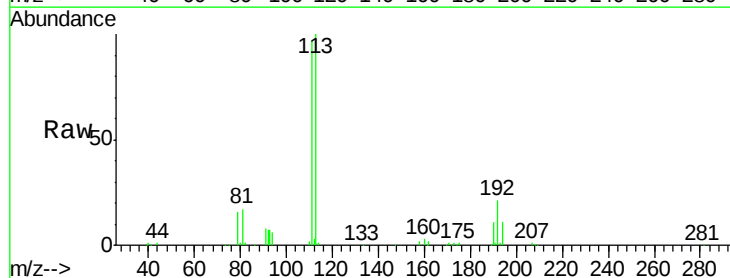
Tgt Ion:113 Resp: 128502

Ion Ratio Lower Upper

113 100

111 100.4 81.6 122.4

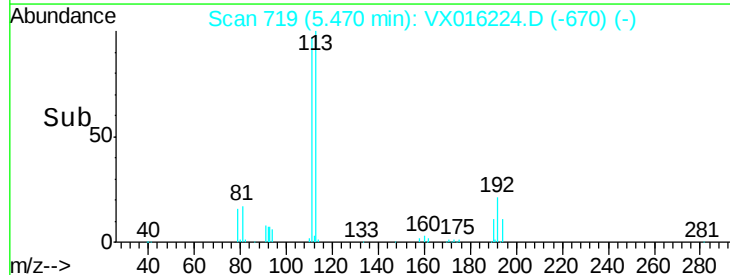
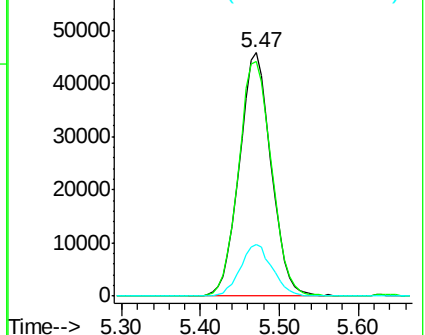
192 21.2 17.0 25.4

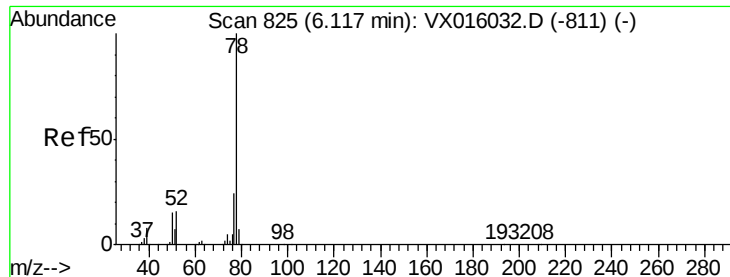


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 0.543 ug/l

RT: 6.11 min Scan# 824

Delta R.T. -0.01 min

Lab File: VX016224.D

Acq: 14 May 2020 12:37

Instrument :

MSVOA_X

ClientSampleId :

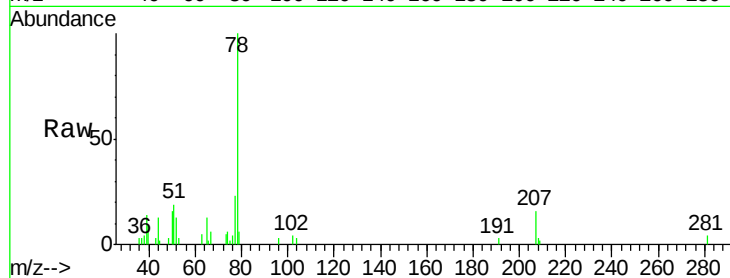
D-1U

Tot Ion: 78 Resp: 6653

Ion Ratio Lower Upper

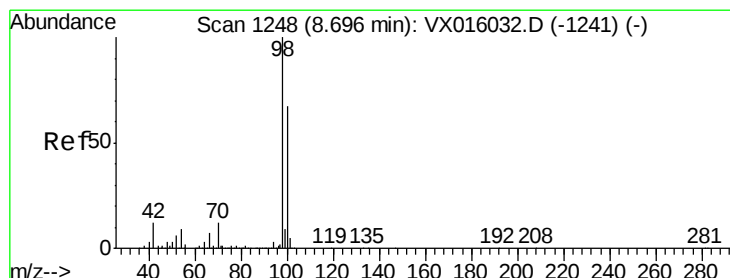
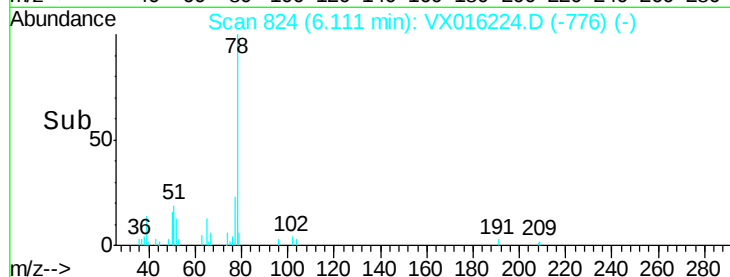
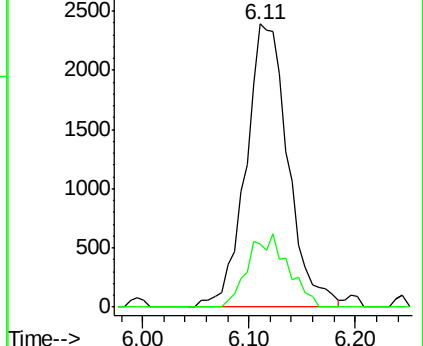
78 100

77 22.5 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#50

Toluene-d8

Concen: 50.652 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016224.D

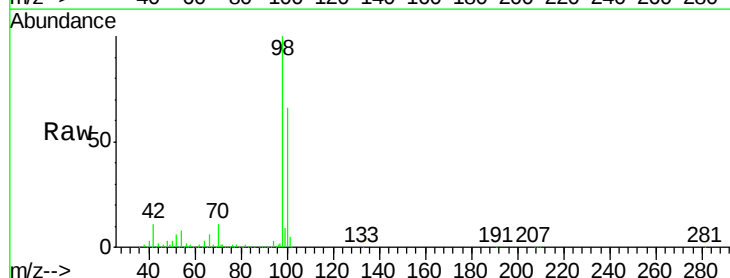
Acq: 14 May 2020 12:37

Tgt Ion: 98 Resp: 525845

Ion Ratio Lower Upper

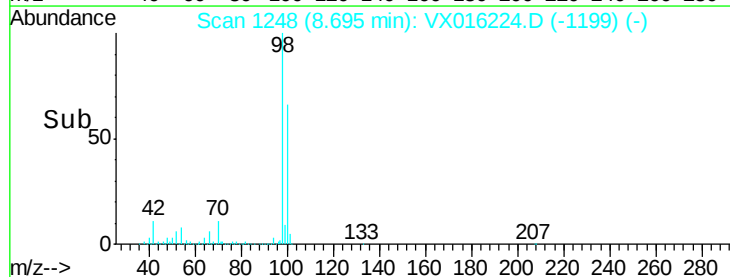
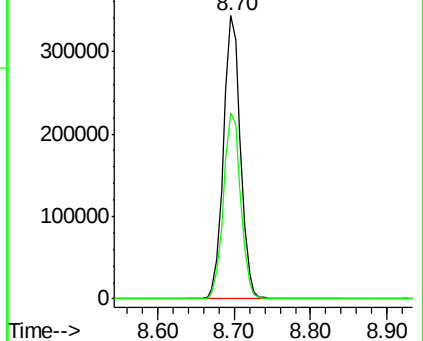
98 100

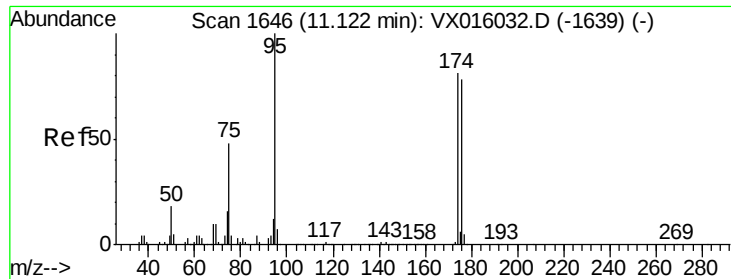
100 67.1 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 53.544 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016224.D

Acq: 14 May 2020 12:37

Instrument :

MSVOA_X

ClientSampleId :

D-1U

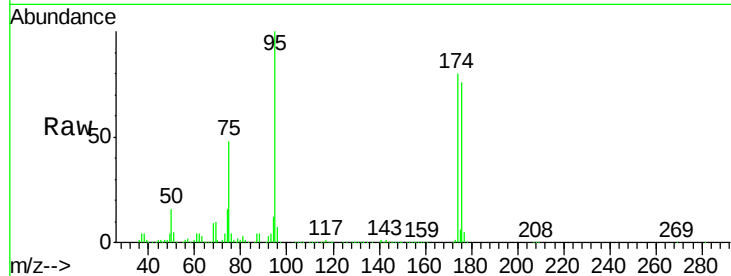
Tot Ion: 95 Resp: 211429

Ion Ratio Lower Upper

95 100

174 79.9 0.0 159.4

176 77.7 0.0 157.6

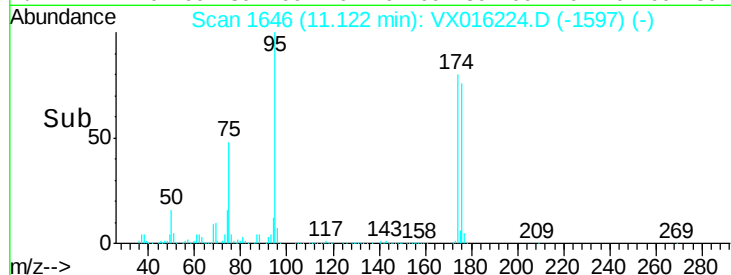


Abundance Ion 94.90 (94.60 to 95.60): VX016032.D (-1639) (-)

Ion 173.80 (173.50 to 174.50): VX016032.D (-1639) (-)

Ion 175.80 (175.50 to 176.50): VX016032.D (-1639) (-)

Time-->

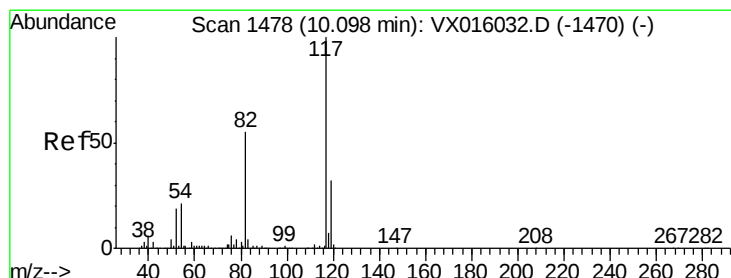


Abundance Ion 94.90 (94.60 to 95.60): VX016224.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX016224.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX016224.D (-1597) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016224.D

Acq: 14 May 2020 12:37

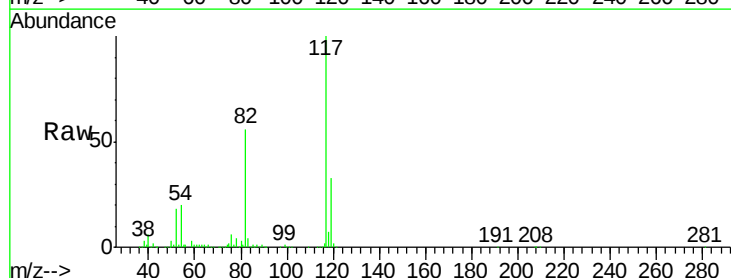
Tgt Ion: 117 Resp: 417823

Ion Ratio Lower Upper

117 100

82 56.4 44.4 66.6

119 32.6 25.5 38.3

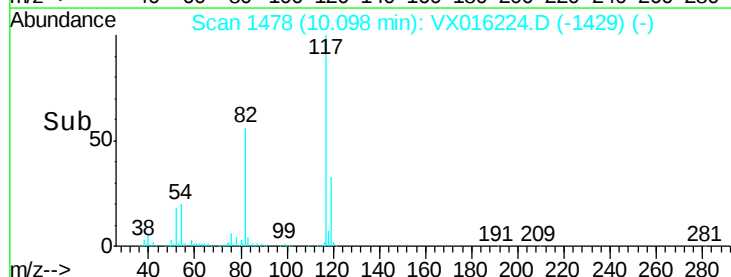


Abundance Ion 116.90 (116.60 to 117.60): VX016032.D (-1470) (-)

Ion 82.00 (81.70 to 82.70): VX016032.D (-1470) (-)

Ion 118.90 (118.60 to 119.60): VX016032.D (-1470) (-)

Time-->

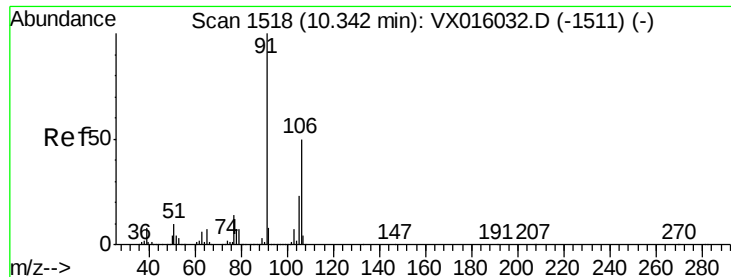


Abundance Ion 116.90 (116.60 to 117.60): VX016224.D (-1429) (-)

Ion 82.00 (81.70 to 82.70): VX016224.D (-1429) (-)

Ion 118.90 (118.60 to 119.60): VX016224.D (-1429) (-)

Time-->



#68

m/p-Xvlenes

Concen: 0.340 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016224.D

Acq: 14 May 2020 12:37

Instrument :

MSVOA_X

ClientSampleId :

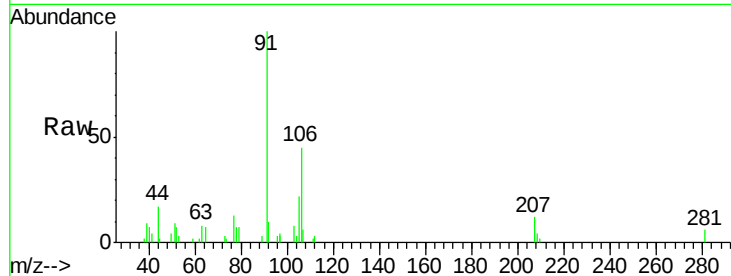
D-1U

Tot Ion:106 Resp: 1991

Ion Ratio Lower Upper

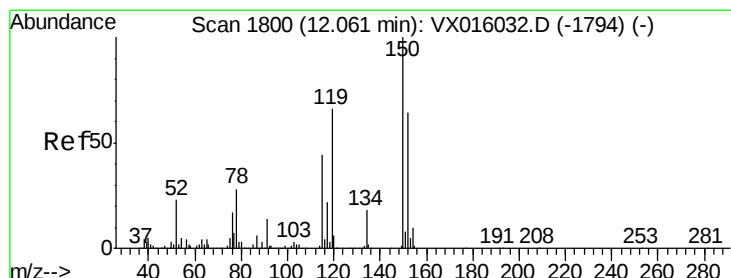
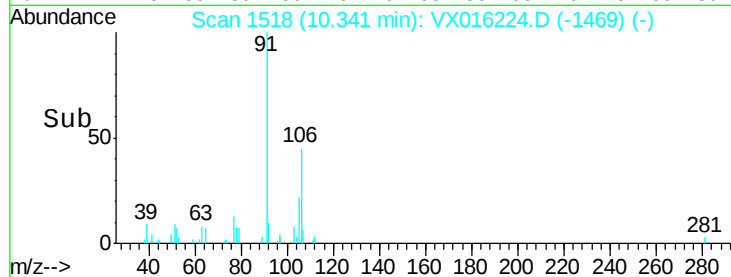
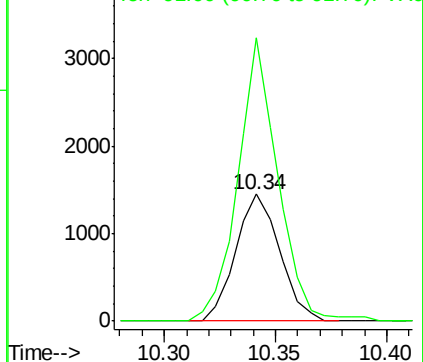
106 100

91 203.7 161.7 242.5



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: VX016224.D

Acq: 14 May 2020 12:37

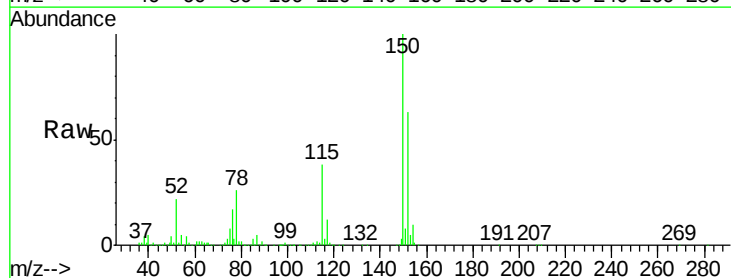
Tgt Ion:152 Resp: 209128

Ion Ratio Lower Upper

152 100

115 59.6 41.3 124.1

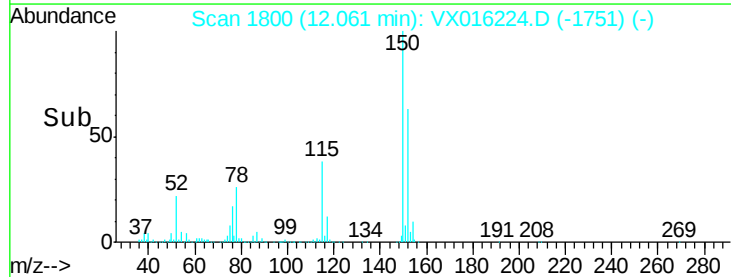
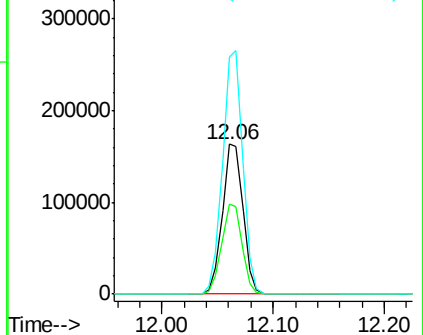
150 159.1 0.0 352.2

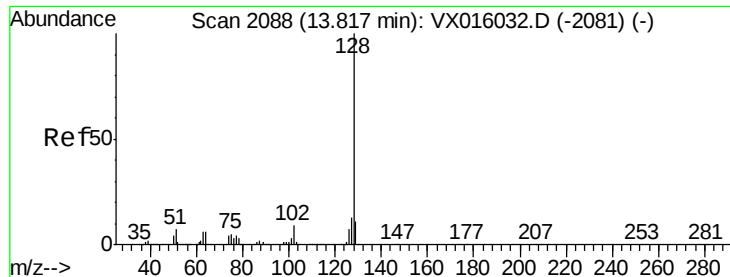


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 10.499 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016224.D

Acq: 14 May 2020 12:37

Instrument :

MSVOA_X

ClientSampleId :

D-1U

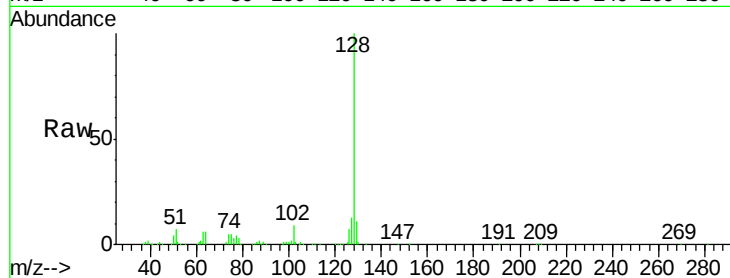
Tot Ion:128 Resp: 170851

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 11.1 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

