

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050820\
 Data File : VX016132.D
 Acq On : 08 May 2020 19:28
 Operator : JC/SP
 Sample : L2554-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DRUM-1-1

Quant Time: May 09 05:30:58 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

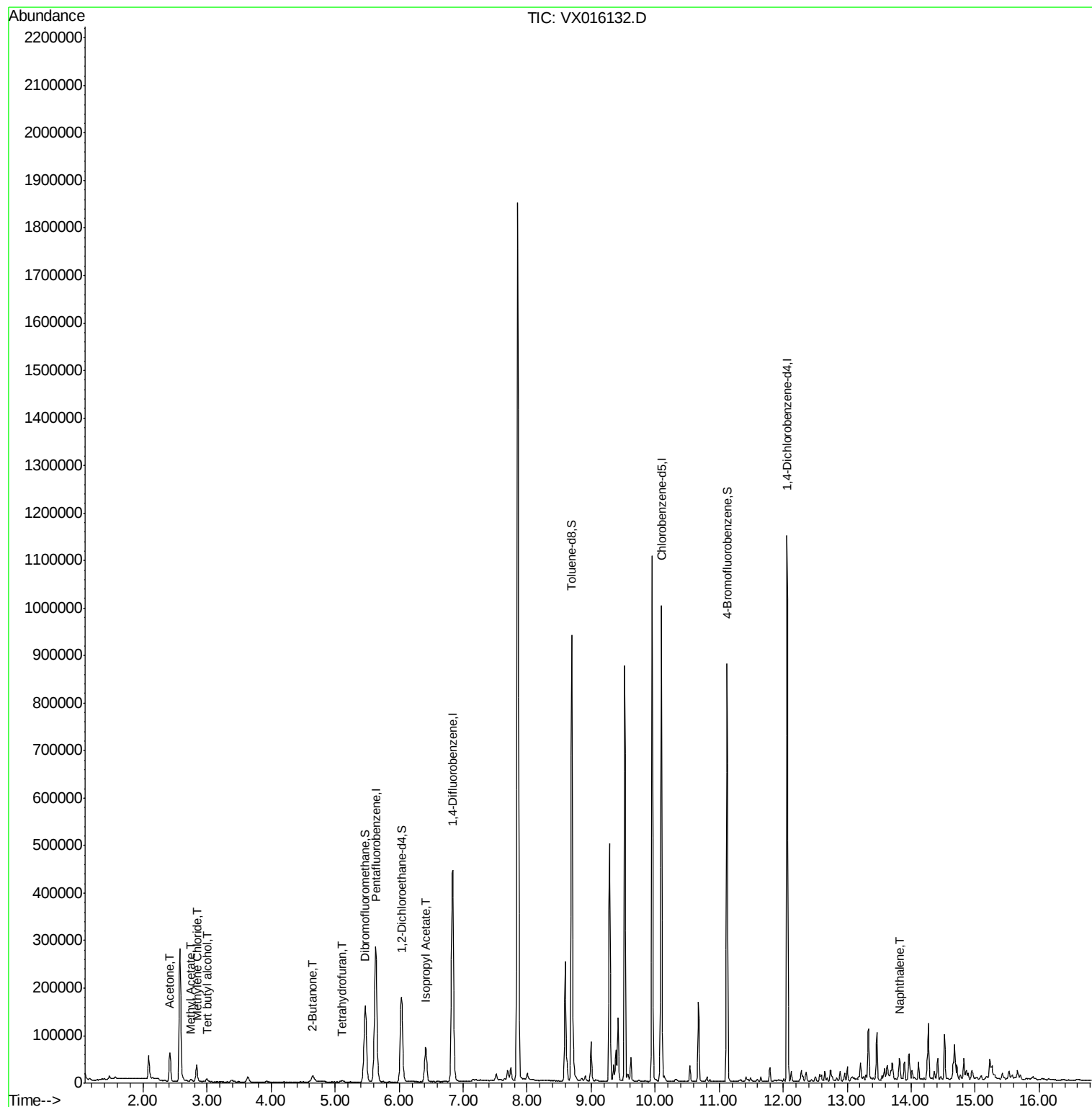
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	274230	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	451566	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	445975	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	237731	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	172252	47.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.46%	
35) Dibromofluoromethane	5.47	113	137515	48.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.14%	
50) Toluene-d8	8.70	98	559940	50.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.60%	
62) 4-Bromofluorobenzene	11.12	95	225050	53.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.36%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.00	59	4071	4.461	ug/l #	84
16) Acetone	2.42	43	64356	39.970	ug/l	98
18) Methyl Acetate	2.75	43	5636	1.424	ug/l	99
20) Methylene Chloride	2.84	84	15769	4.751	ug/l	98
25) 2-Butanone	4.64	43	8763	3.377	ug/l	96
29) Tetrahydrofuran	5.11	42	2361	1.373	ug/l	93
43) Isopropyl Acetate	6.42	43	98997	12.043	ug/l	99
95) Naphthalene	13.82	128	27418	1.482	ug/l #	96

(#) = 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: VX016132.D

Acq: 08 May 2020 19:28

Instrument :

MSVOA_X

ClientSampleId :

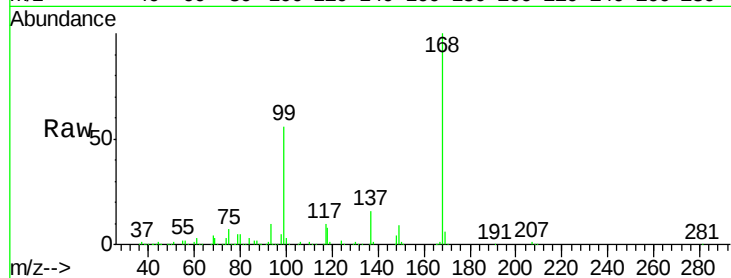
DRUM-1-1

Tot Ion:168 Resp: 274230

Ion Ratio Lower Upper

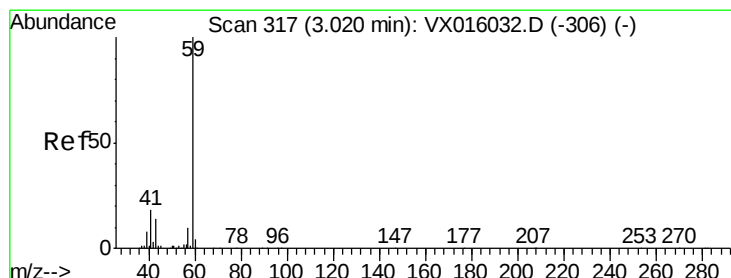
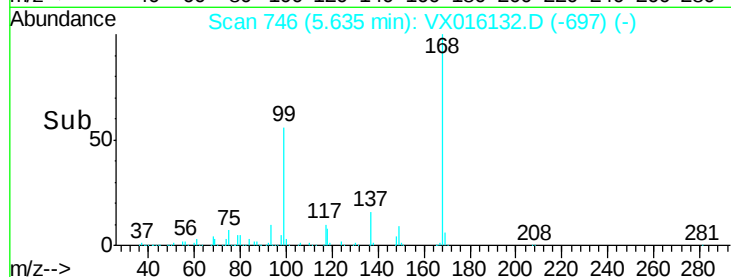
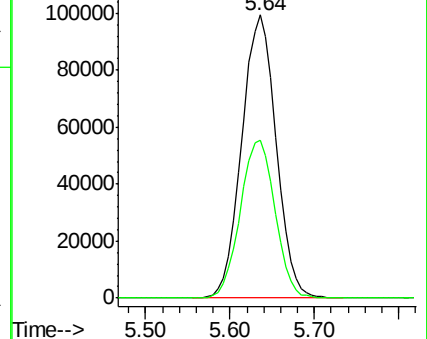
168 100

99 56.0 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#11

Tert butyl alcohol

Concen: 4.461 ug/l

RT: 3.00 min Scan# 313

Delta R.T. -0.02 min

Lab File: VX016132.D

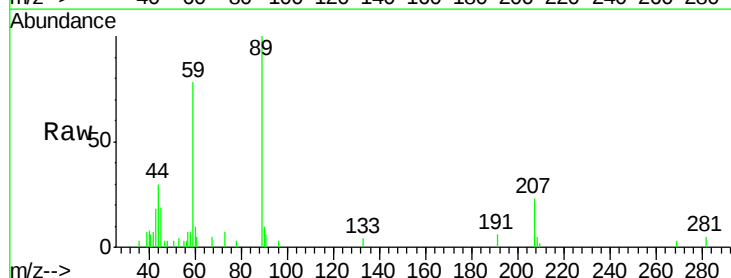
Acq: 08 May 2020 19:28

Tgt Ion: 59 Resp: 4071

Ion Ratio Lower Upper

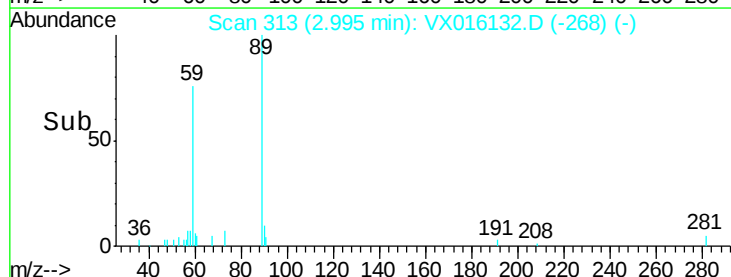
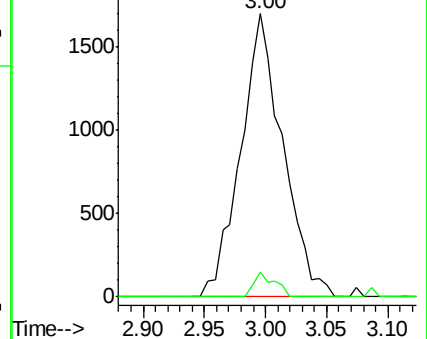
59 100

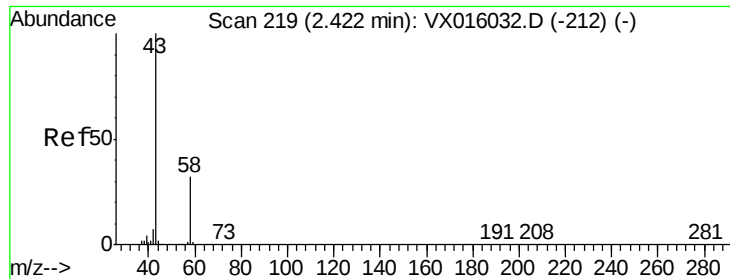
57 4.3 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#16

Acetone

Concen: 39.970 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016132.D

Acq: 08 May 2020 19:28

Instrument :

MSVOA_X

ClientSampleId :

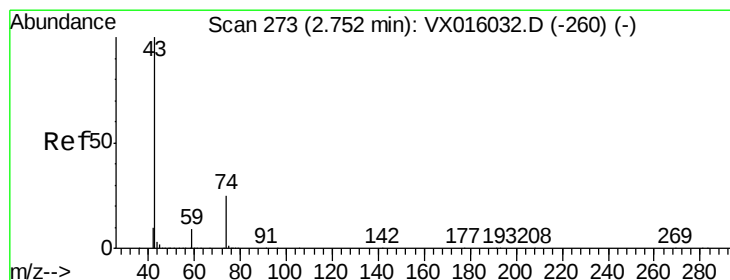
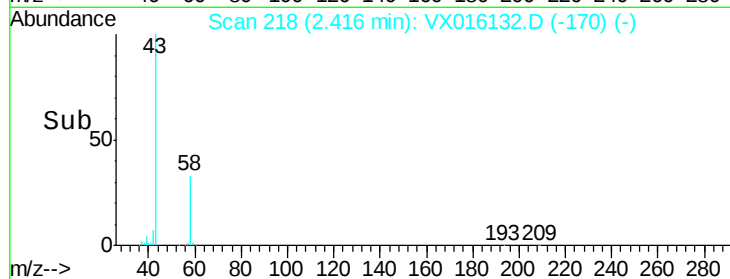
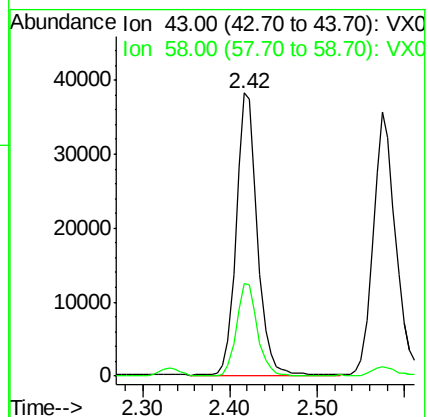
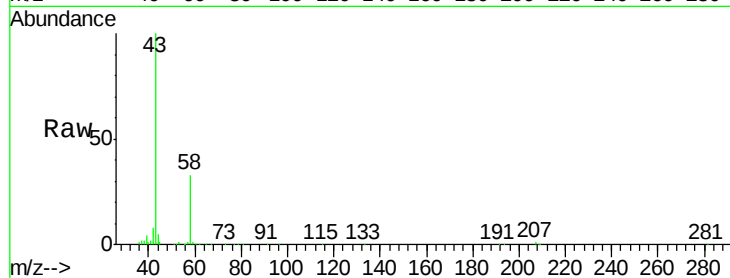
DRUM-1-1

Tot Ion: 43 Resp: 64356

Ion Ratio Lower Upper

43 100

58 32.7 25.4 38.0



#18

Methyl Acetate

Concen: 1.424 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX016132.D

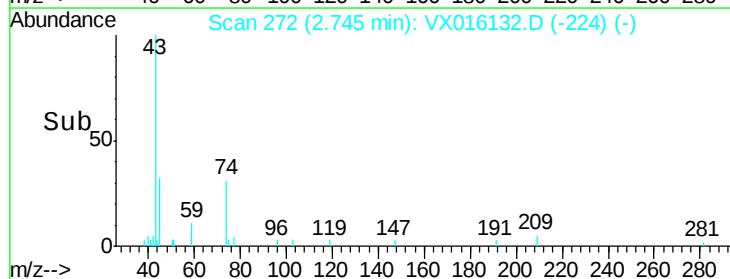
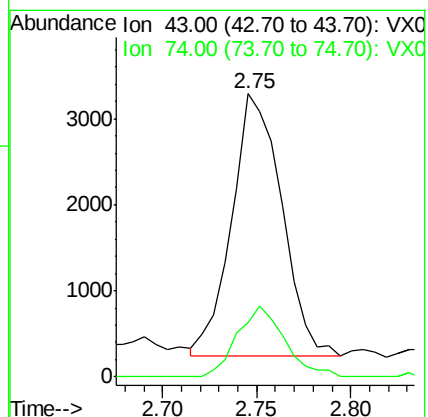
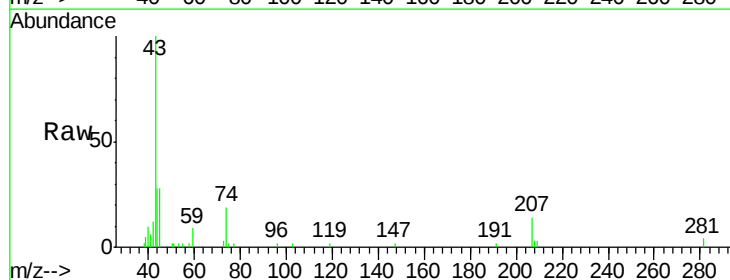
Acq: 08 May 2020 19:28

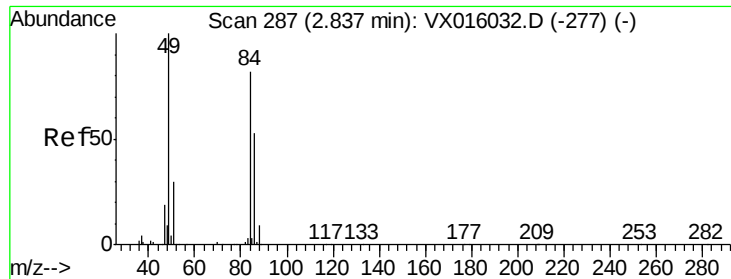
Tgt Ion: 43 Resp: 5636

Ion Ratio Lower Upper

43 100

74 25.6 20.2 30.2





#20

Methylene Chloride

Concen: 4.751 ug/l

RT: 2.84 min Scan# 287

Delta R.T. -0.00 min

Lab File: VX016132.D

Acq: 08 May 2020 19:28

Instrument :

MSVOA_X

ClientSampleId :

DRUM-1-1

Tot Ion: 84 Resp: 15769

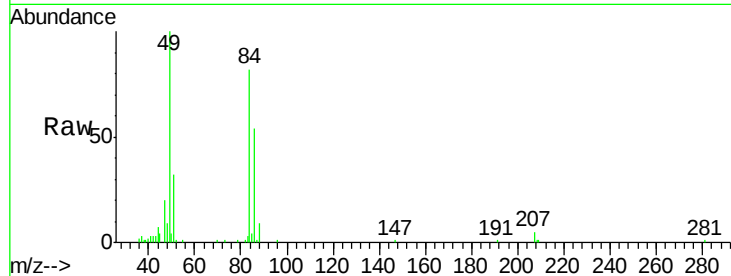
Ion Ratio Lower Upper

84 100

49 122.1 97.3 145.9

51 38.6 29.3 43.9

86 66.5 51.3 76.9

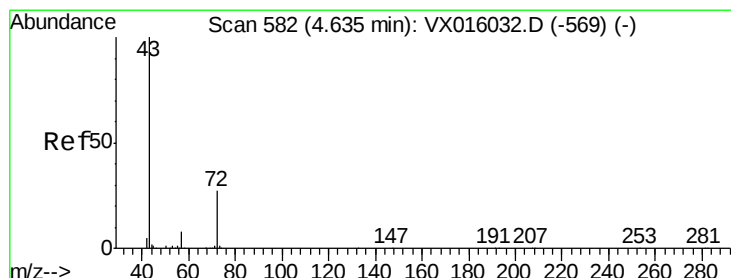
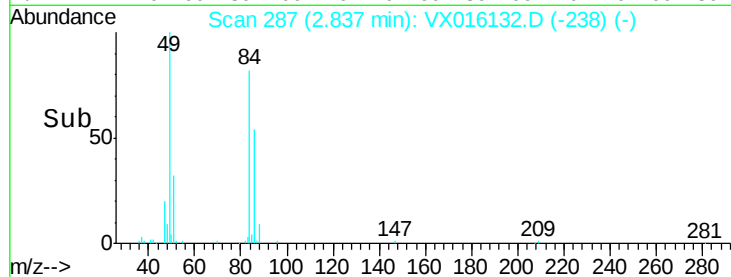
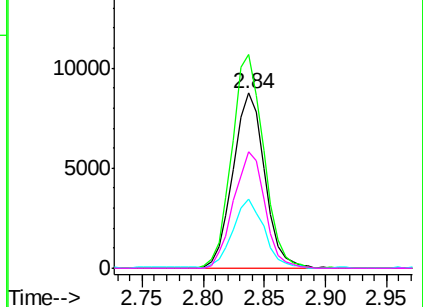


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#25

2-Butanone

Concen: 3.377 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016132.D

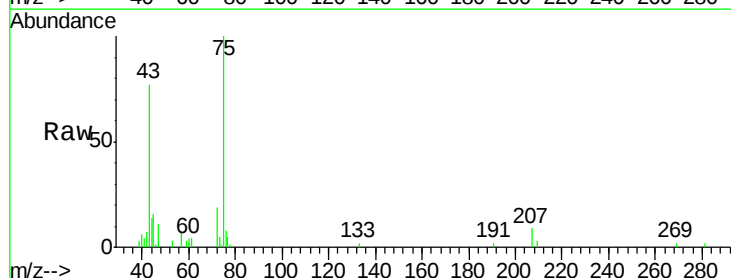
Acq: 08 May 2020 19:28

Tgt Ion: 43 Resp: 8763

Ion Ratio Lower Upper

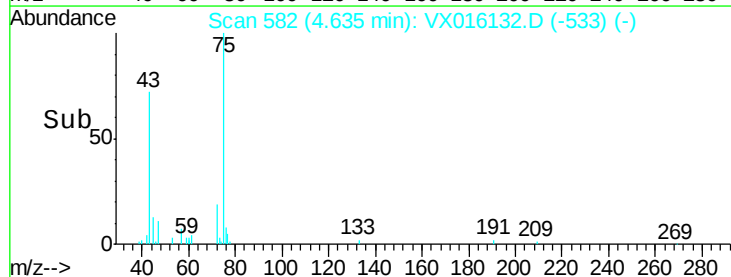
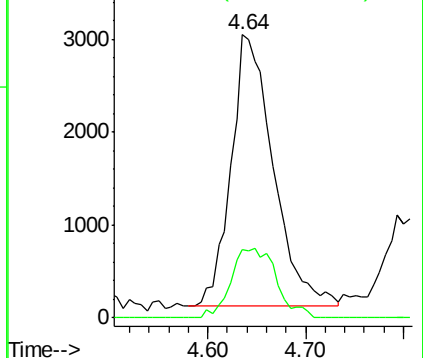
43 100

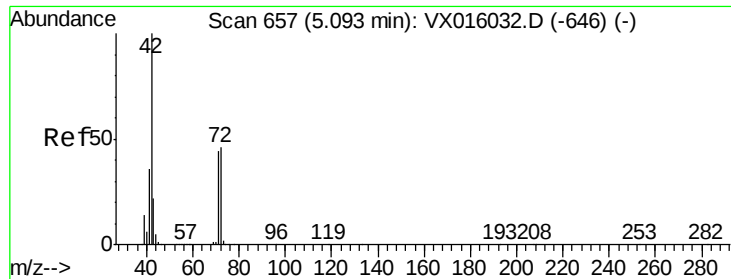
72 25.2 21.8 32.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#29

Tetrahydrofuran

Concen: 1.373 ug/l

RT: 5.11 min Scan# 660

Delta R.T. 0.02 min

Lab File: VX016132.D

Acq: 08 May 2020 19:28

Instrument :

MSVOA_X

ClientSampleId :

DRUM-1-1

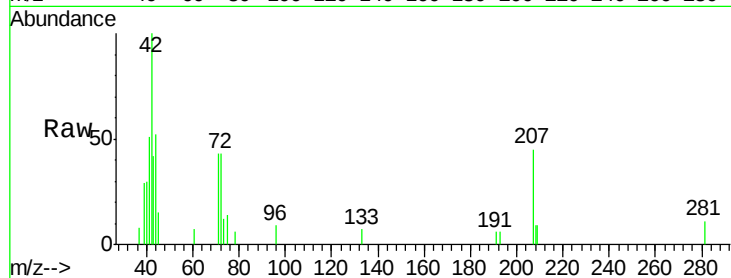
Tot Ion: 42 Resp: 2361

Ion Ratio Lower Upper

42 100

72 50.9 37.1 55.7

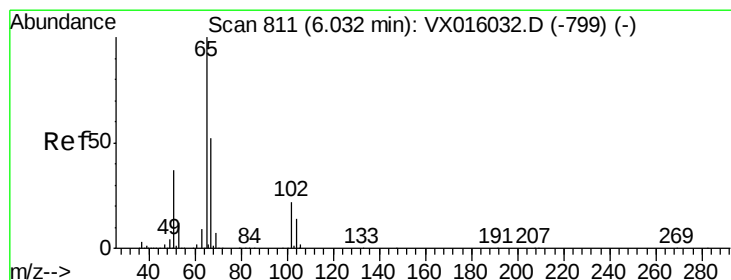
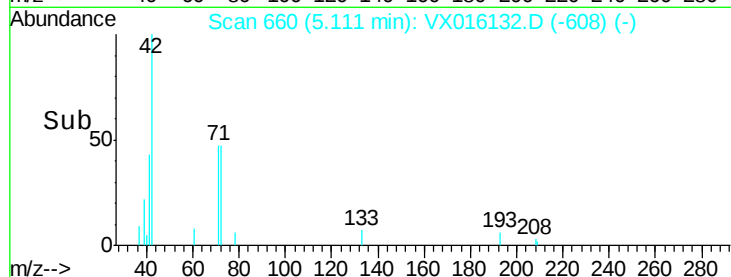
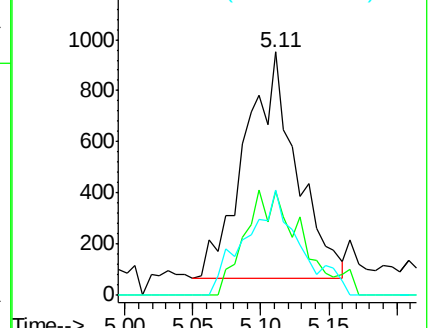
71 47.9 34.5 51.7



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 47.734 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016132.D

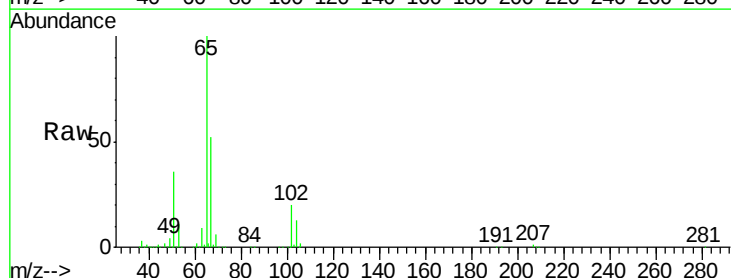
Acq: 08 May 2020 19:28

Tgt Ion: 65 Resp: 172252

Ion Ratio Lower Upper

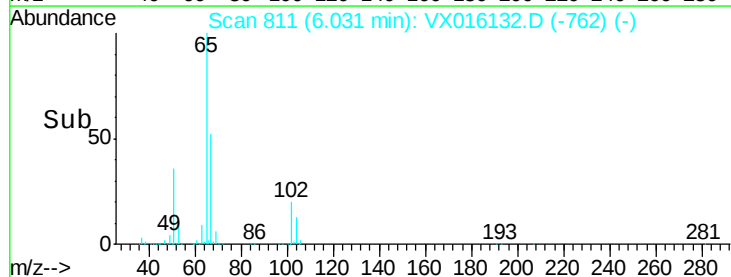
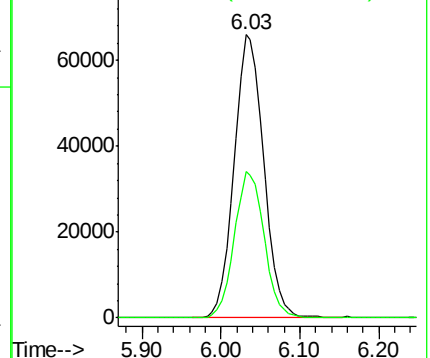
65 100

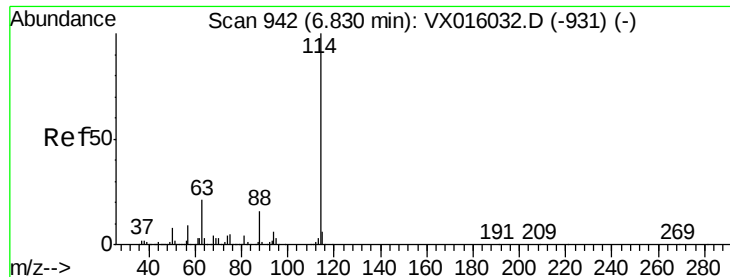
67 51.9 0.0 104.8



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: VX016132.D

Acq: 08 May 2020 19:28

Instrument :

MSVOA_X

ClientSampleId :

DRUM-1-1

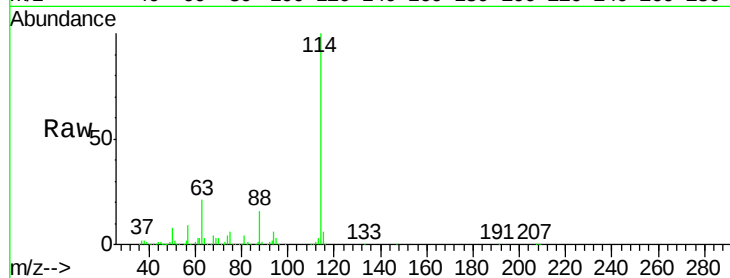
Tot Ion:114 Resp: 451566

Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.8

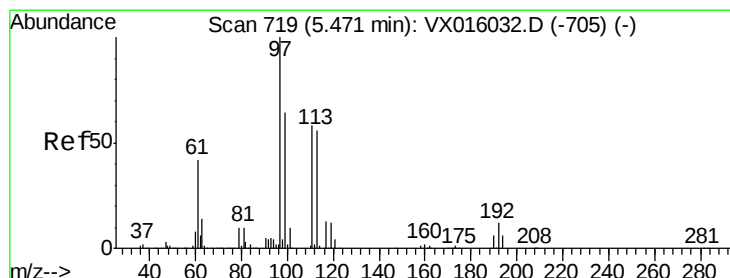
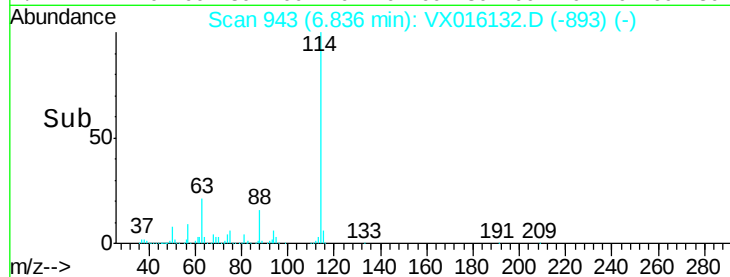
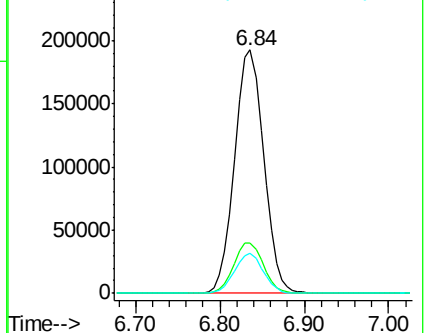
88 16.3 0.0 31.4



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: 48.068 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX016132.D

Acq: 08 May 2020 19:28

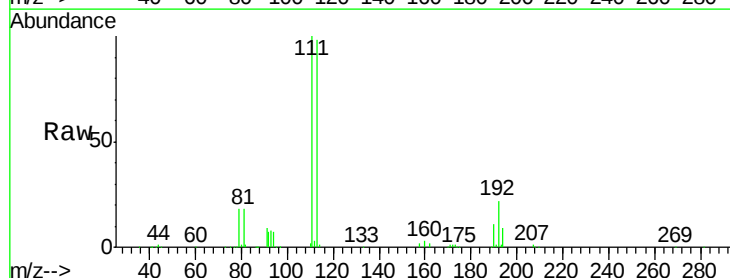
Tgt Ion:113 Resp: 137515

Ion Ratio Lower Upper

113 100

111 101.6 81.6 122.4

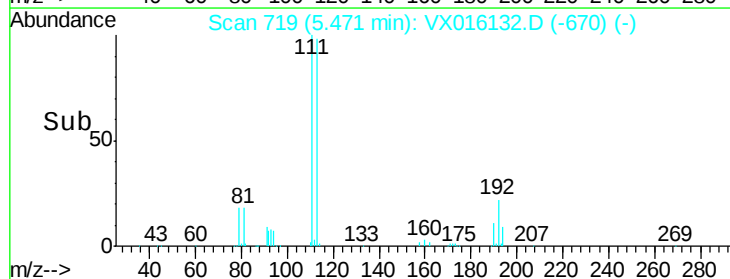
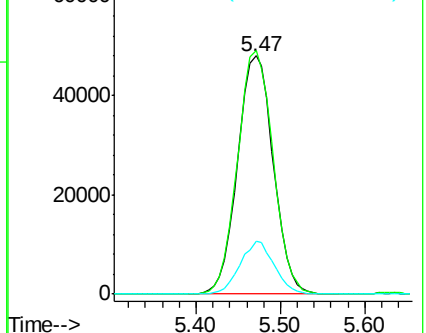
192 21.3 17.0 25.4

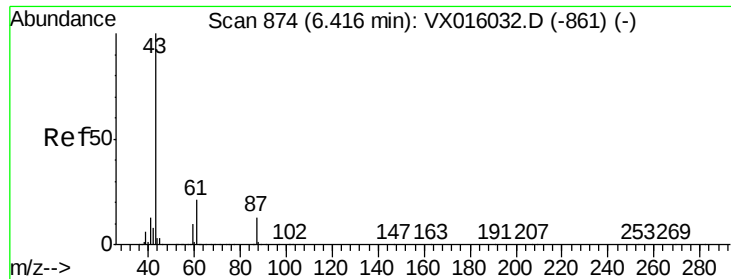


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



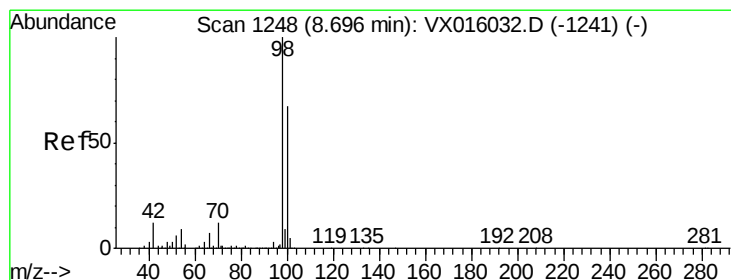
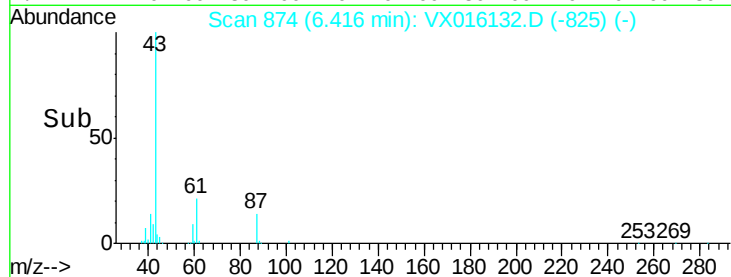
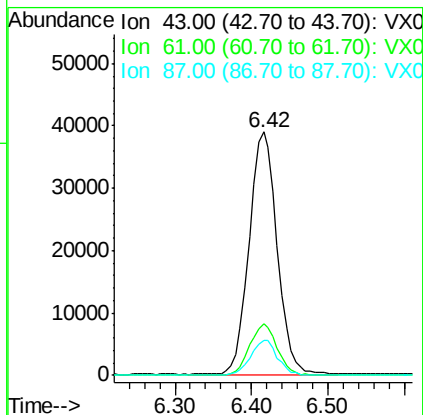
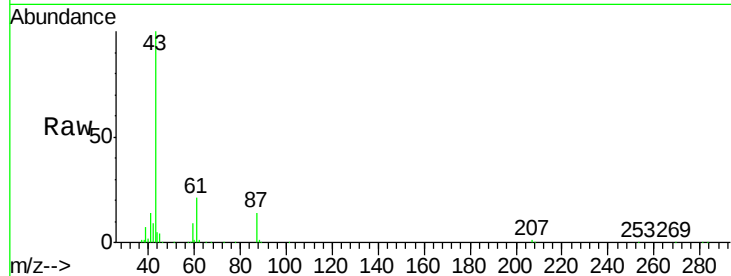


#43

Isopropyl Acetate
 Concen: 12.043 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX016132.D
 Acq: 08 May 2020 19:28

Instrument :
 MSVOA_X
 ClientSampleId :
 DRUM-1-1

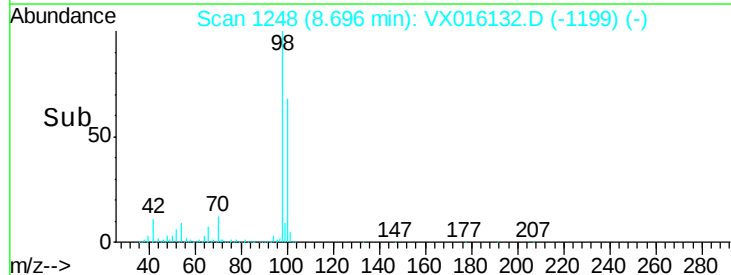
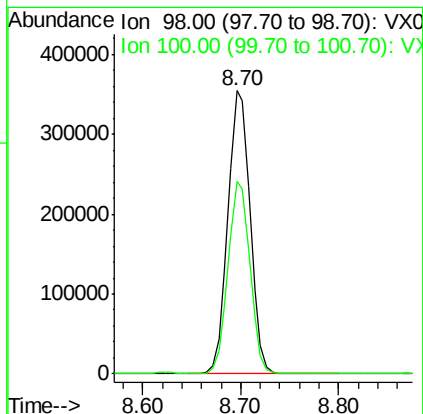
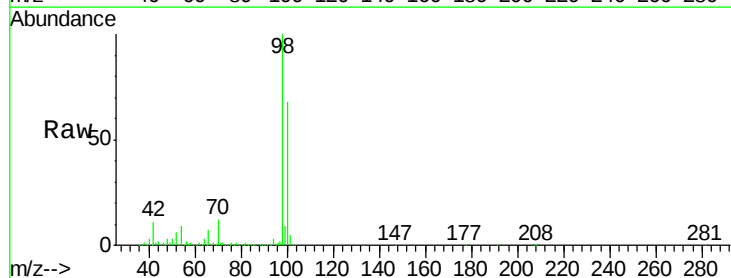
Tot Ion	43	Resp	98997
Ion Ratio	Lower	Upper	
43	100		
61	21.0	17.0	25.4
87	14.0	11.0	16.6

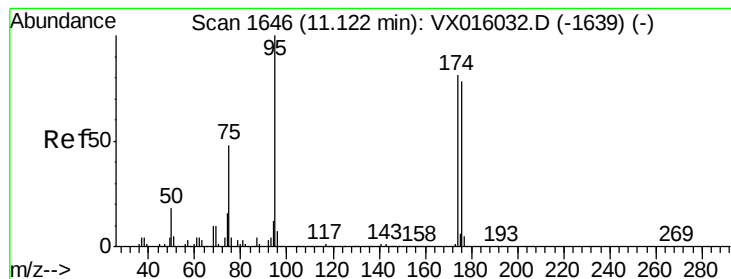


#50

Toluene-d8
 Concen: 50.797 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VX016132.D
 Acq: 08 May 2020 19:28

Tgt Ion	98	Resp	559940
Ion Ratio	Lower	Upper	
98	100		
100	67.4	53.7	80.5





#62

4-Bromofluorobenzene

Concen: 53.677 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016132.D

Acq: 08 May 2020 19:28

Instrument :

MSVOA_X

ClientSampleId :

DRUM-1-1

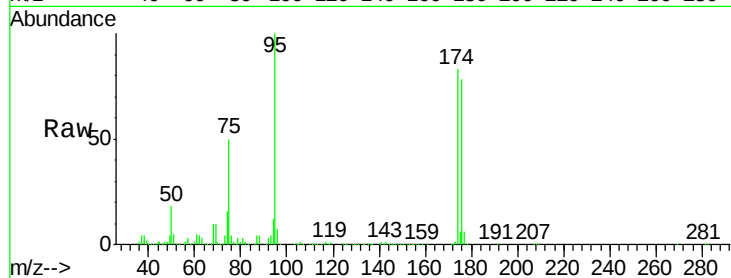
Tot Ion: 95 Resp: 225050

Ion Ratio Lower Upper

95 100

174 81.5 0.0 159.4

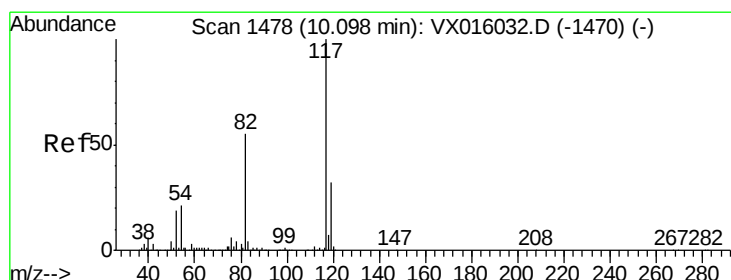
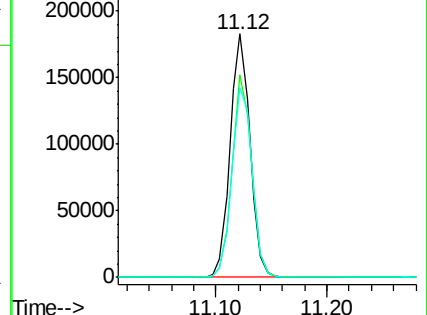
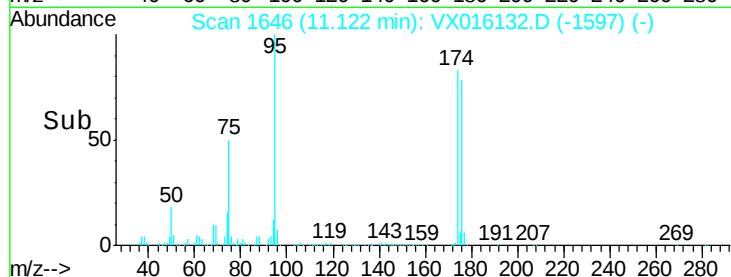
176 79.7 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX016132.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX016132.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX016132.D (-1597) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016132.D

Acq: 08 May 2020 19:28

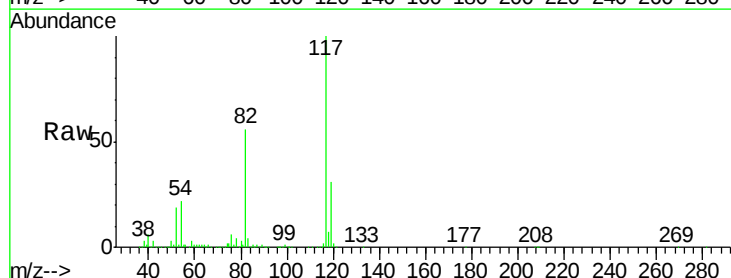
Tgt Ion: 117 Resp: 445975

Ion Ratio Lower Upper

117 100

82 56.1 44.4 66.6

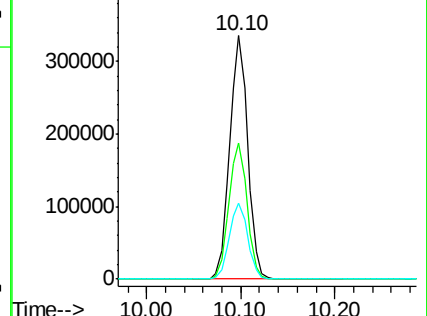
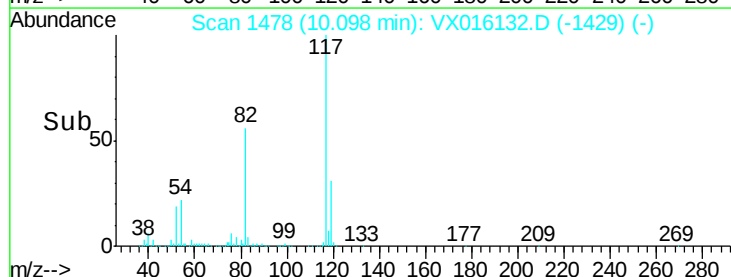
119 31.4 25.5 38.3

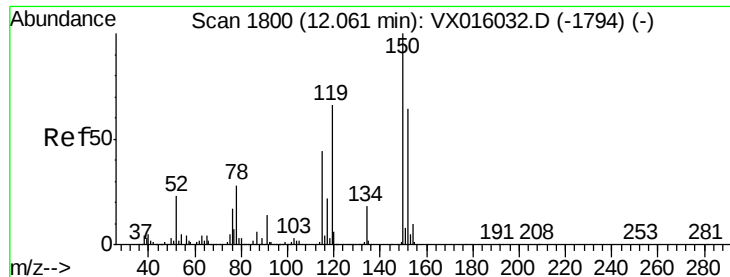


Abundance Ion 116.90 (116.60 to 117.60): VX016132.D (-1429) (-)

Ion 82.00 (81.70 to 82.70): VX016132.D (-1429) (-)

Ion 118.90 (118.60 to 119.60): VX016132.D (-1429) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016132.D

Acq: 08 May 2020 19:28

Instrument :

MSVOA_X

ClientSampleId :

DRUM-1-1

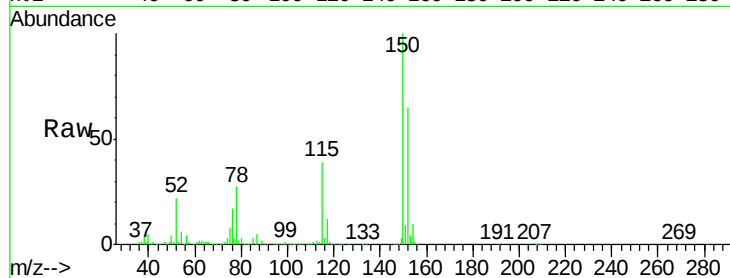
Tot Ion:152 Resp: 237731

Ion Ratio Lower Upper

152 100

115 58.7 41.3 124.1

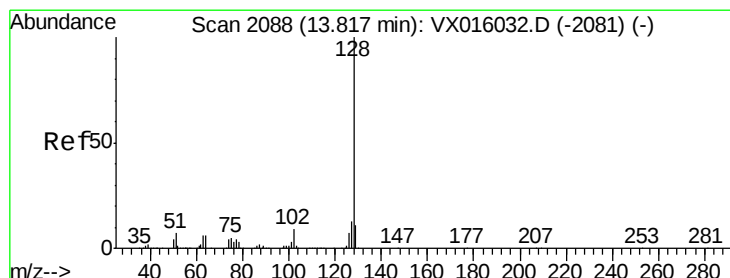
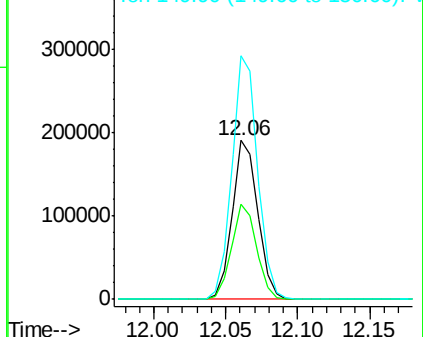
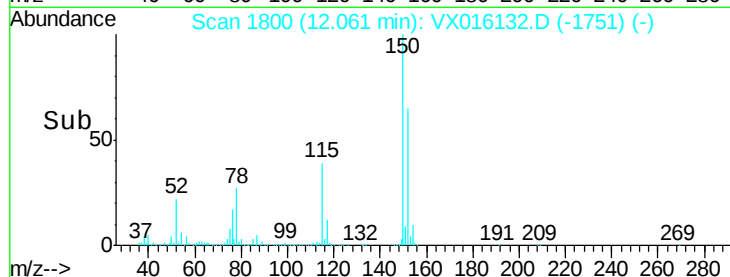
150 153.8 0.0 352.2



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



#95

Naphthalene

Concen: 1.482 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016132.D

Acq: 08 May 2020 19:28

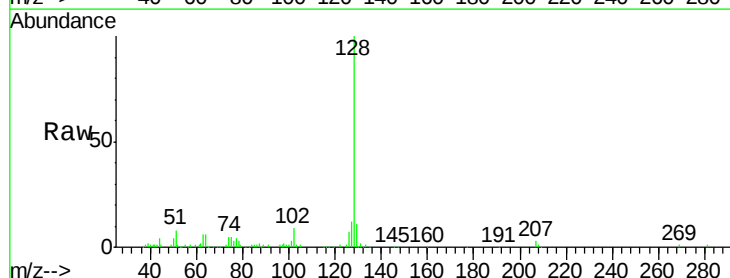
Tgt Ion:128 Resp: 27418

Ion Ratio Lower Upper

128 100

127 13.5 10.2 15.4

129 13.2 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

