

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051420\
 Data File : VX016263.D
 Acq On : 15 May 2020 04:28
 Operator : JC/SP
 Sample : L2641-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BUS-WASH

Quant Time: May 15 07:03:30 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

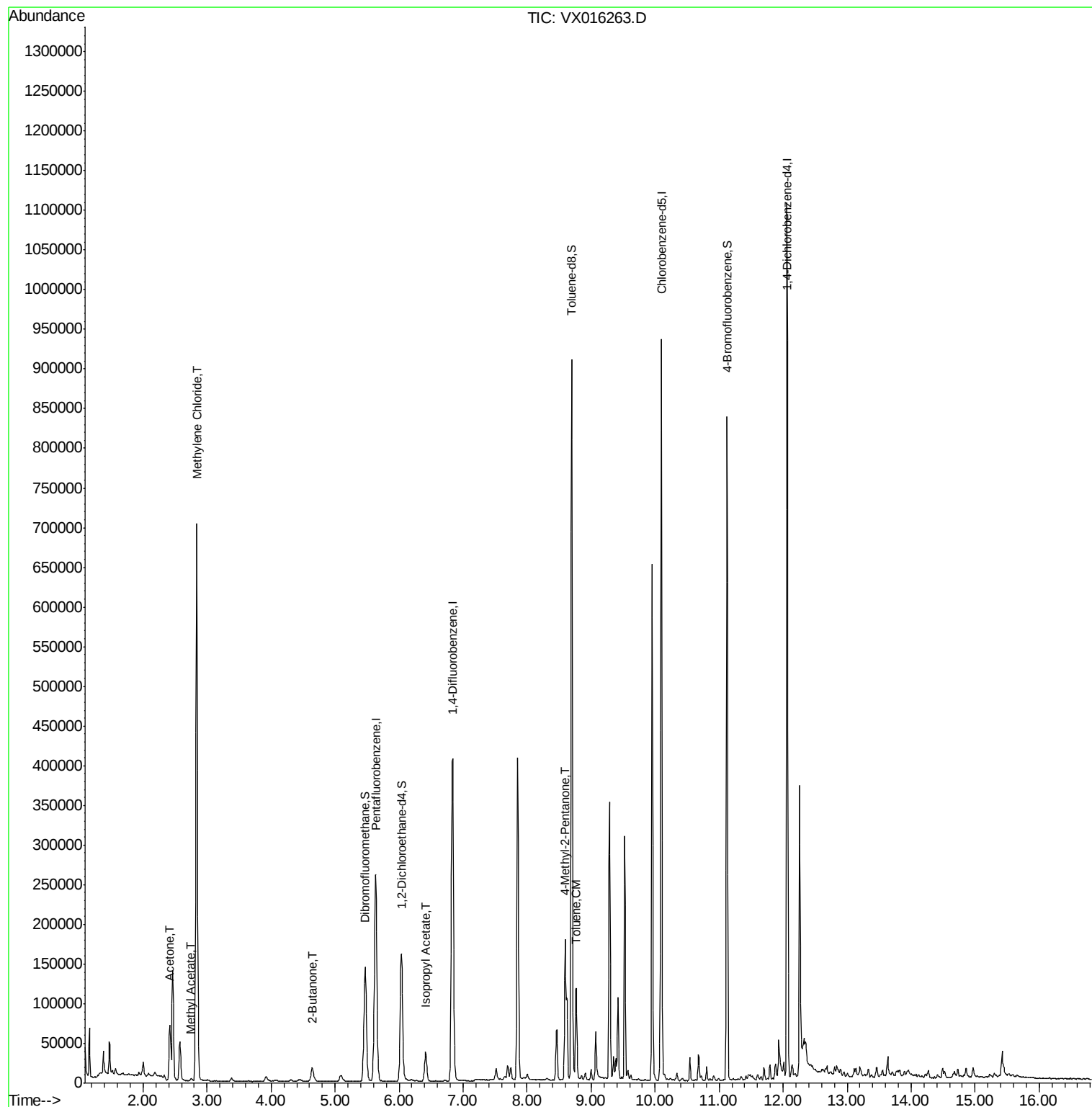
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	255234	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	425683	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	426425	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	222403	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	154825	46.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.20%	
35) Dibromofluoromethane	5.47	113	125402	46.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.00%	
50) Toluene-d8	8.70	98	533242	51.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.64%	
62) 4-Bromofluorobenzene	11.12	95	216676	54.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.64%	
Target Compounds						
16) Acetone	2.42	43	73182	48.834	ug/l	94
18) Methyl Acetate	2.75	43	3451	0.937	ug/l	91
20) Methylene Chloride	2.84	84	328840	106.444	ug/l	97
25) 2-Butanone	4.64	43	25626	10.612	ug/l	96
43) Isopropyl Acetate	6.42	43	49003	6.324	ug/l	99
51) 4-Methyl-2-Pentanone	8.59	43	63485	13.388	ug/l #	34
52) Toluene	8.77	92	44148	5.777	ug/l	99

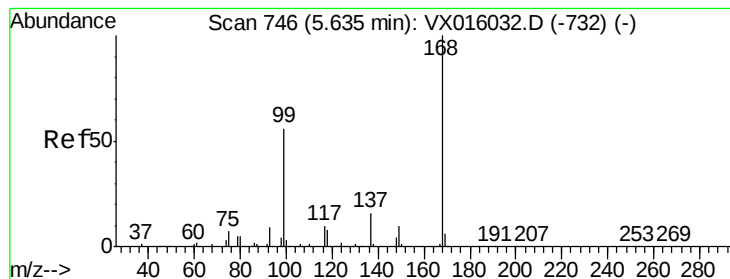
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX016263.D

Acq: 15 May 2020 04:28

Instrument :

MSVOA_X

ClientSampleId :

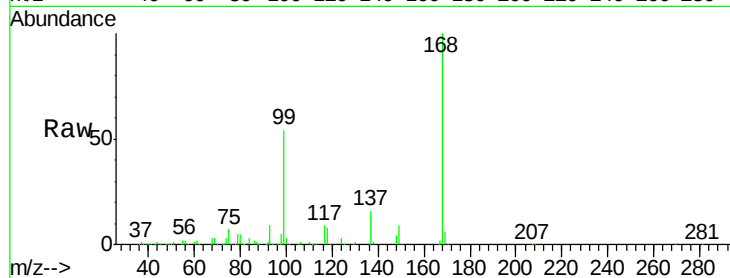
BUS-WASH

Tot Ion:168 Resp: 255234

Ion Ratio Lower Upper

168 100

99 54.2 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

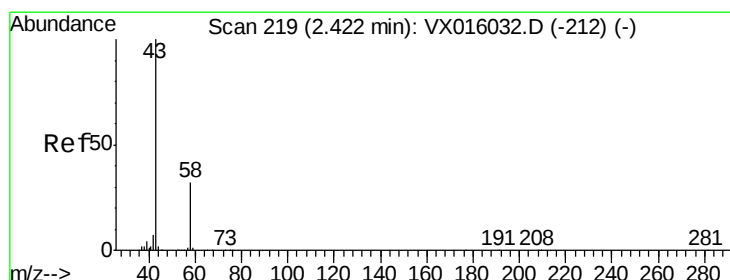
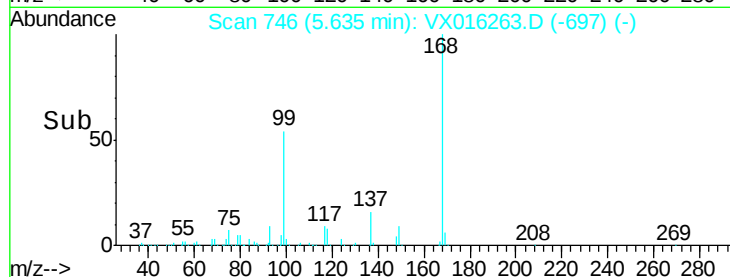
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 48.834 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016263.D

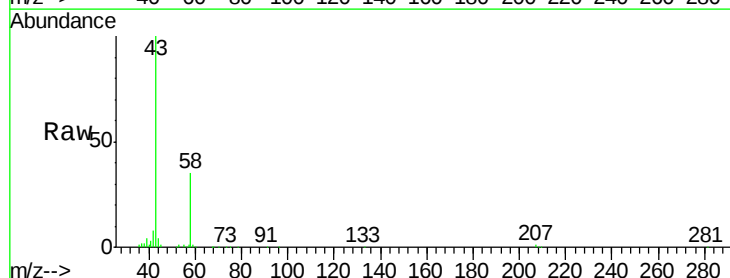
Acq: 15 May 2020 04:28

Tgt Ion: 43 Resp: 73182

Ion Ratio Lower Upper

43 100

58 34.9 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

50000

40000

30000

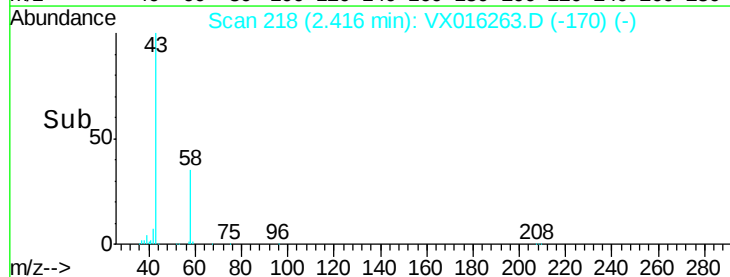
20000

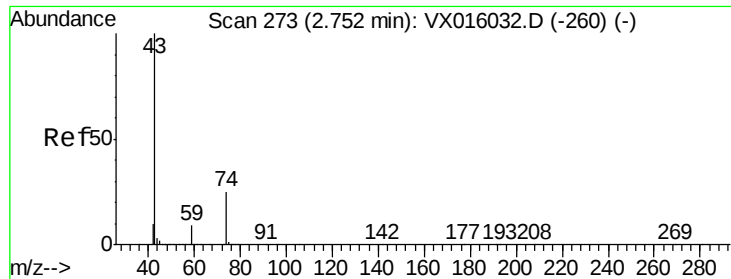
10000

0

Time-->

2.30 2.40 2.50

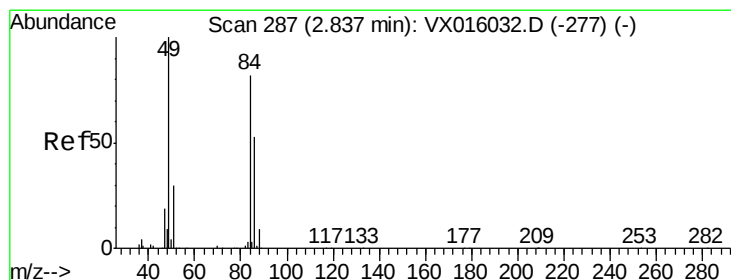
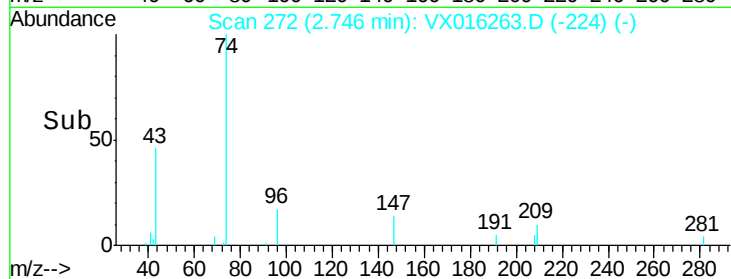
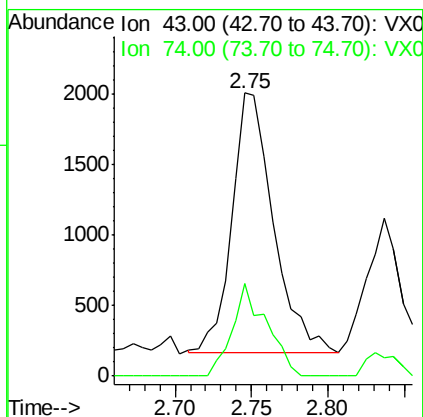
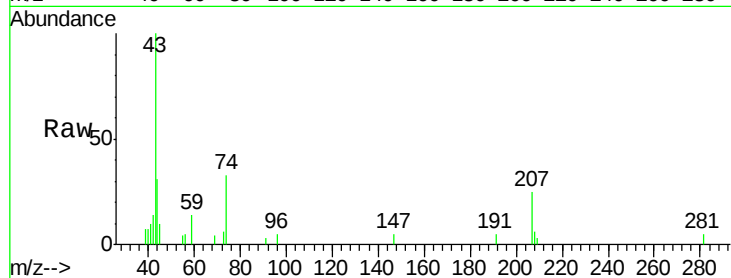




#18
Methyl Acetate
Concen: 0.937 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX016263.D
Acq: 15 May 2020 04:28

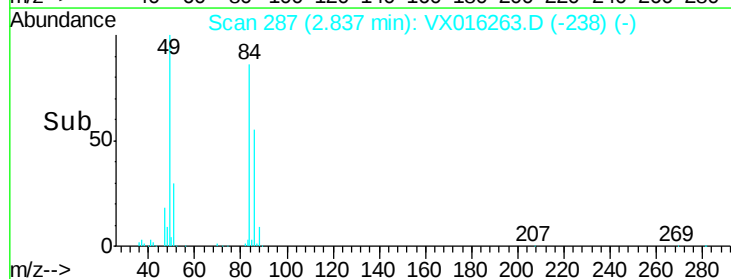
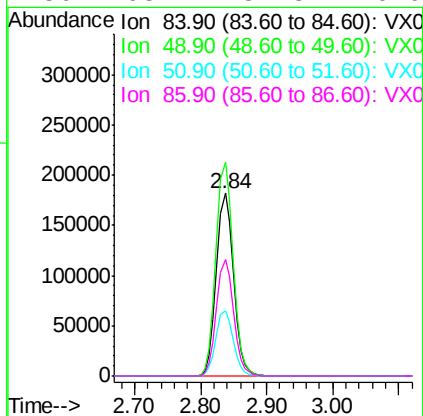
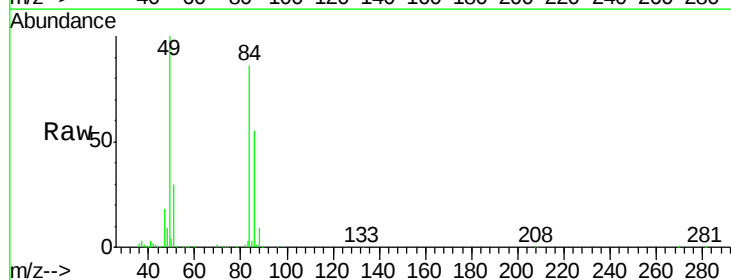
Instrument :
MSVOA_X
ClientSampled :
BUS-WASH

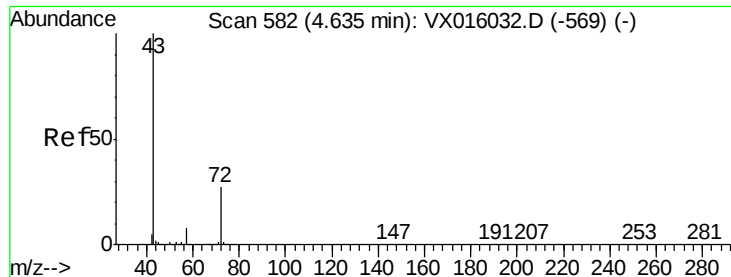
Tot Ion: 43 Resp: 3451
Ion Ratio Lower Upper
43 100
74 29.7 20.2 30.2



#20
Methylene Chloride
Concen: 106.444 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX016263.D
Acq: 15 May 2020 04:28

Tgt Ion: 84 Resp: 328840
Ion Ratio Lower Upper
84 100
49 116.7 97.3 145.9
51 35.5 29.3 43.9
86 63.7 51.3 76.9





#25

2-Butanone

Concen: 10.612 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX016263.D

Acq: 15 May 2020 04:28

Instrument :

MSVOA_X

ClientSampleId :

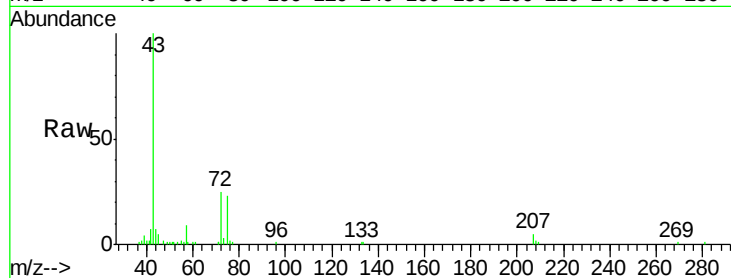
BUS-WASH

Tot Ion: 43 Resp: 25626

Ion Ratio Lower Upper

43 100

72 25.3 21.8 32.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.64

10000

8000

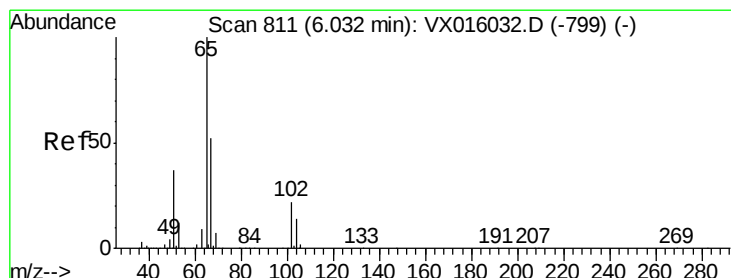
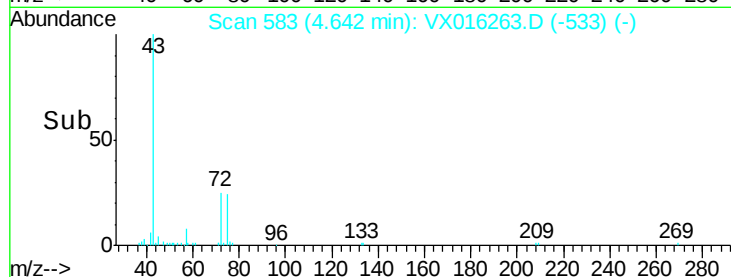
6000

4000

2000

0

Time--> 4.50 4.60 4.70



#33

1,2-Dichloroethane-d4

Concen: 46.098 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX016263.D

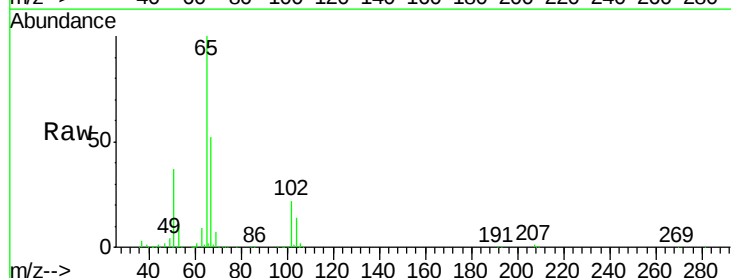
Acq: 15 May 2020 04:28

Tgt Ion: 65 Resp: 154825

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

6.04

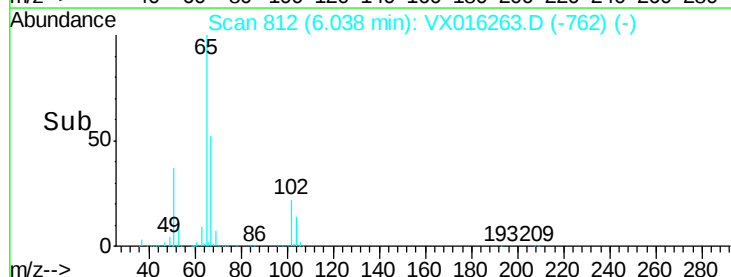
60000

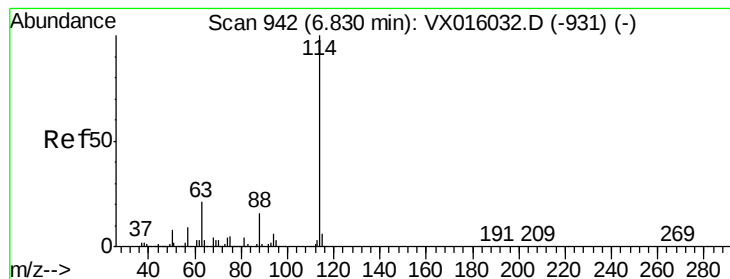
40000

20000

0

Time--> 5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016263.D

Acq: 15 May 2020 04:28

Instrument :

MSVOA_X

ClientSampleId :

BUS-WASH

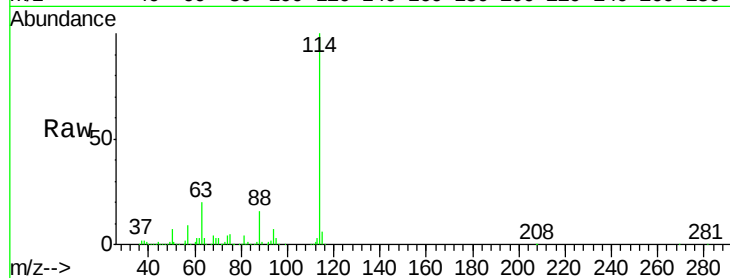
Tot Ion:114 Resp: 425683

Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.8

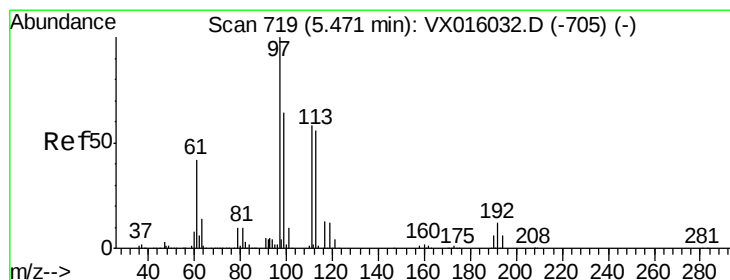
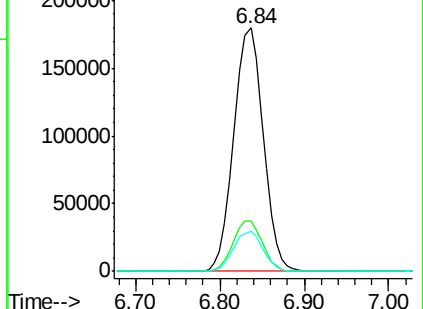
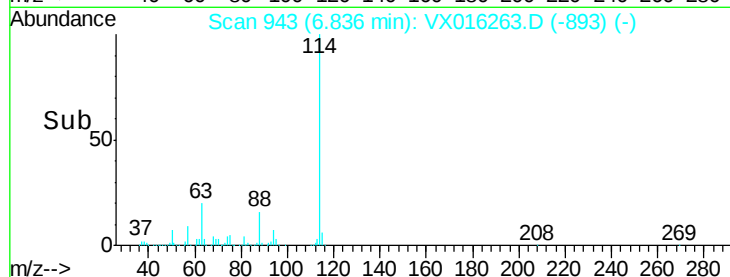
88 16.3 0.0 31.4



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: 46.499 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.00 min

Lab File: VX016263.D

Acq: 15 May 2020 04:28

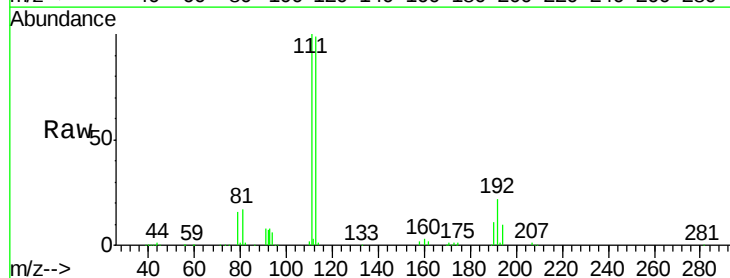
Tgt Ion:113 Resp: 125402

Ion Ratio Lower Upper

113 100

111 102.7 81.6 122.4

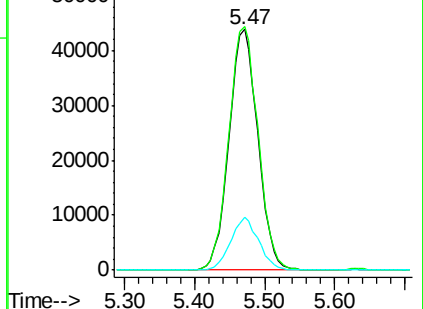
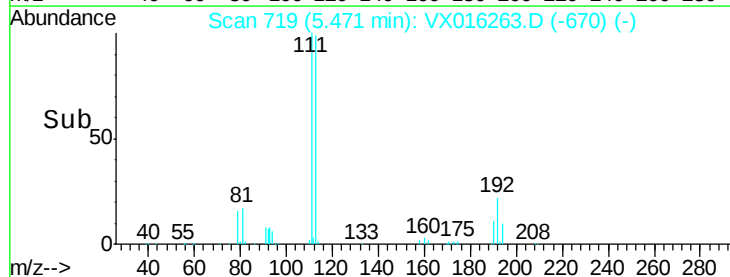
192 21.3 17.0 25.4

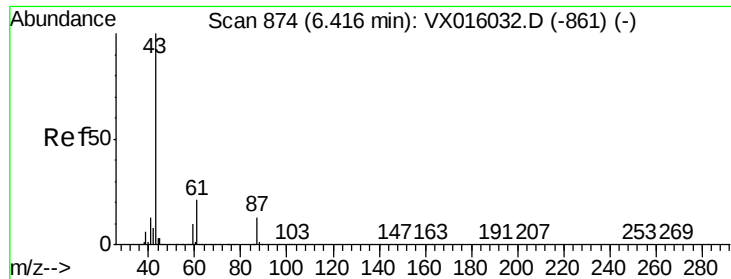


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 6.324 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.00 min

Lab File: VX016263.D

Acq: 15 May 2020 04:28

Instrument :

MSVOA_X

ClientSampled :

BUS-WASH

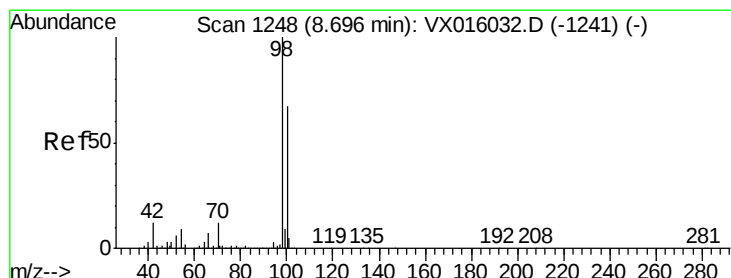
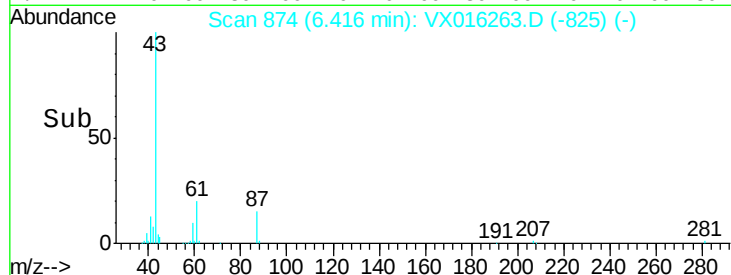
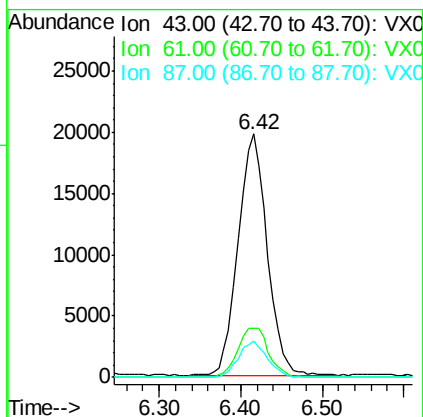
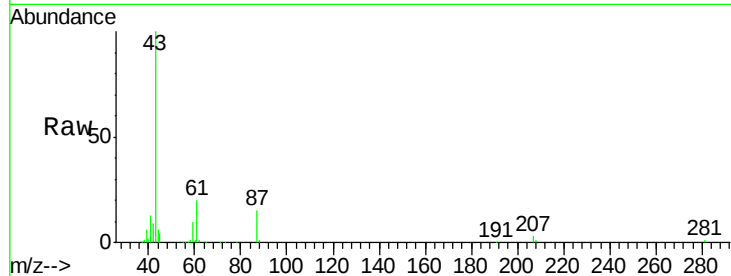
Tot Ion: 43 Resp: 49003

Ion Ratio Lower Upper

43 100

61 21.5 17.0 25.4

87 14.3 11.0 16.6



#50

Toluene-d8

Concen: 51.316 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016263.D

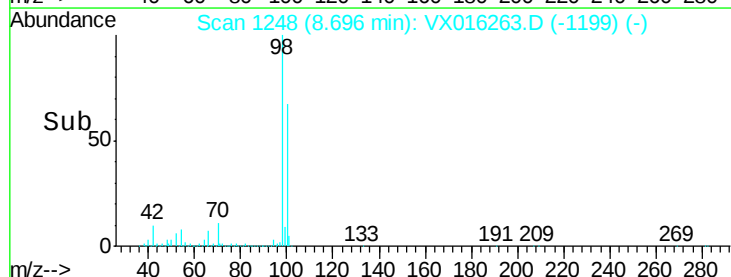
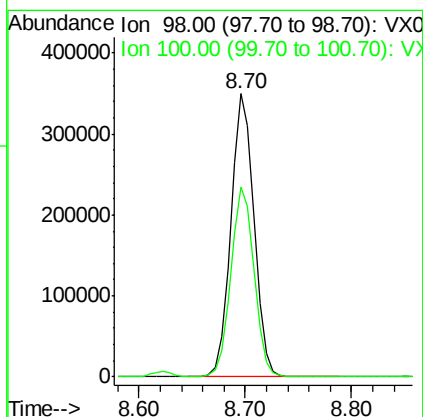
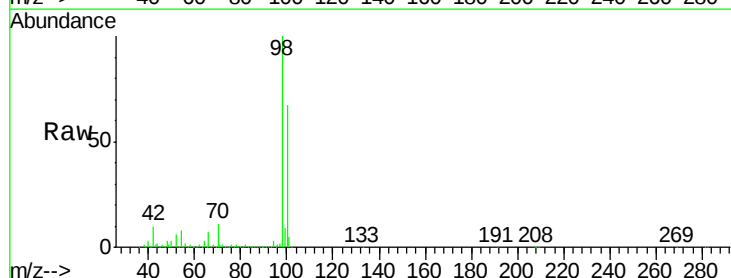
Acq: 15 May 2020 04:28

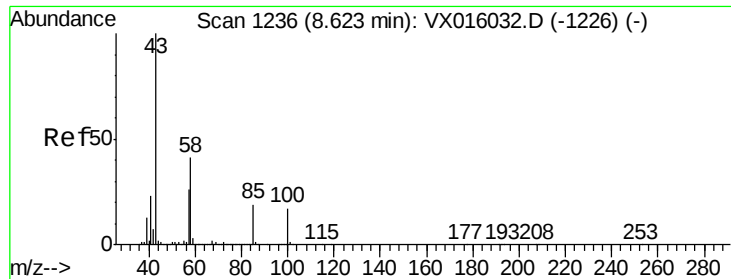
Tgt Ion: 98 Resp: 533242

Ion Ratio Lower Upper

98 100

100 67.2 53.7 80.5





#51

4-Methyl-2-Pentanone

Concen: 13.388 ug/l

RT: 8.59 min Scan# 1231

Delta R.T. -0.03 min

Lab File: VX016263.D

Acq: 15 May 2020 04:28

Instrument :

MSVOA_X

ClientSampleId :

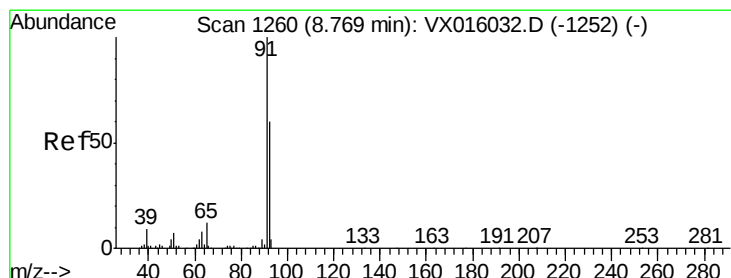
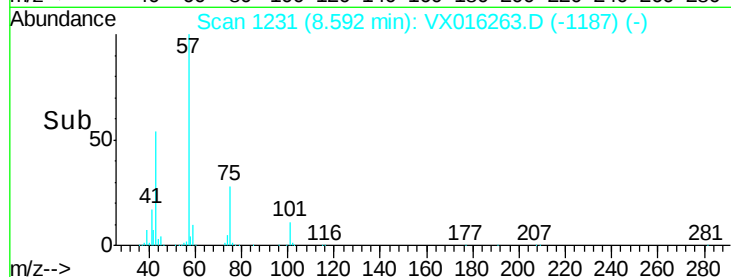
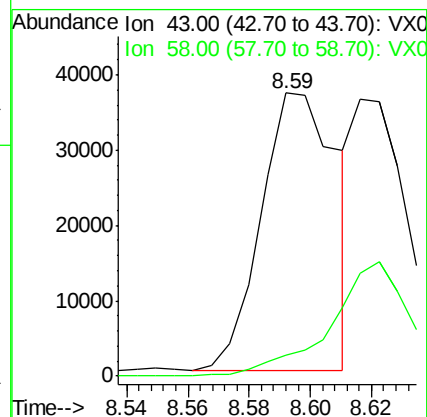
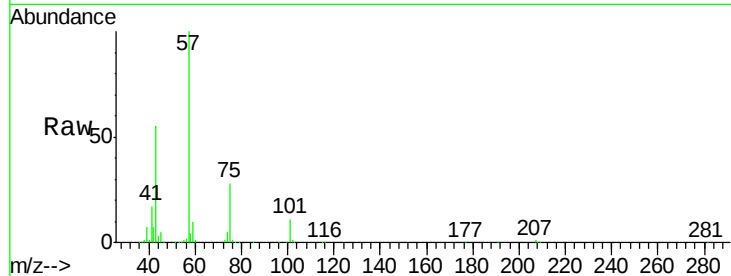
BUS-WASH

Tot Ion: 43 Resp: 63485

Ion Ratio Lower Upper

43 100

58 0.0 33.0 49.4#



#52

Toluene

Concen: 5.777 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VX016263.D

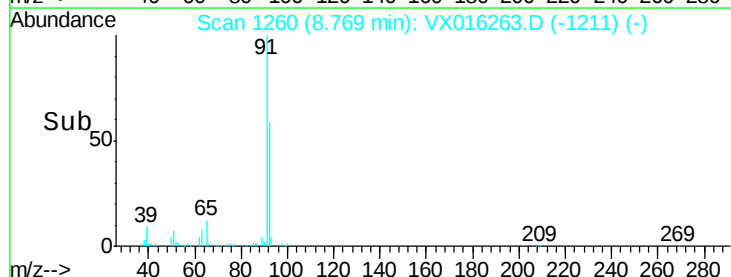
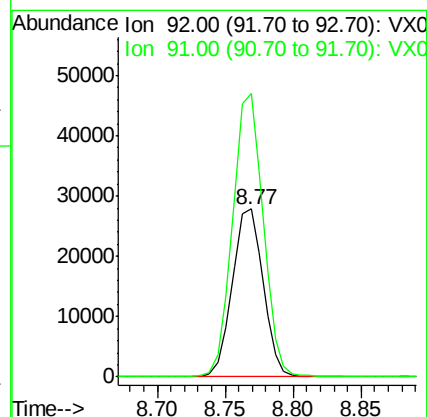
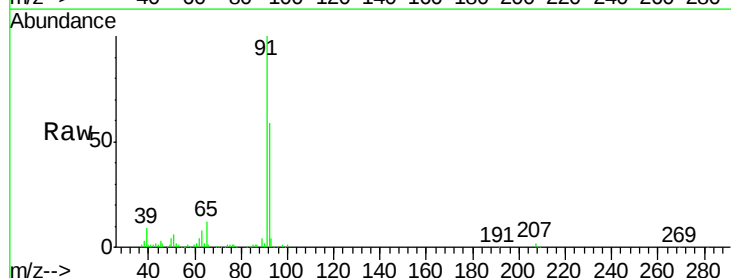
Acq: 15 May 2020 04:28

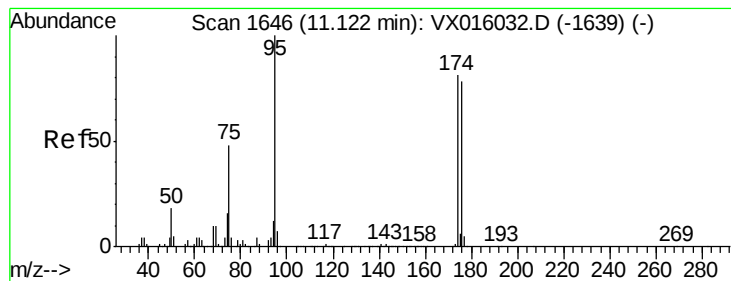
Tgt Ion: 92 Resp: 44148

Ion Ratio Lower Upper

92 100

91 167.0 134.5 201.7





#62

4-Bromofluorobenzene

Concen: 54.822 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016263.D

Acq: 15 May 2020 04:28

Instrument :

MSVOA_X

ClientSampleId :

BUS-WASH

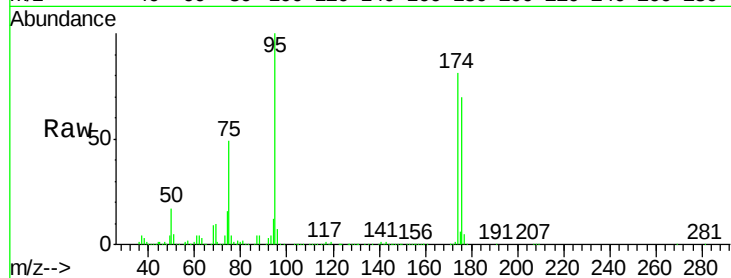
Tot Ion: 95 Resp: 216676

Ion Ratio Lower Upper

95 100

174 81.7 0.0 159.4

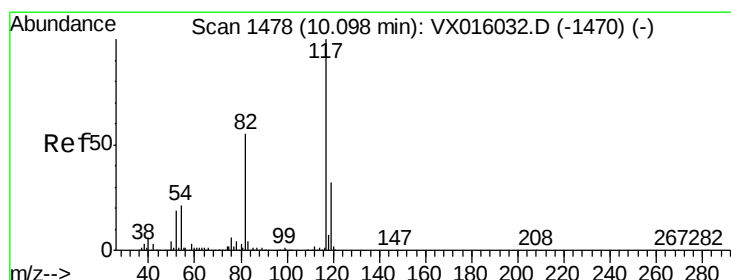
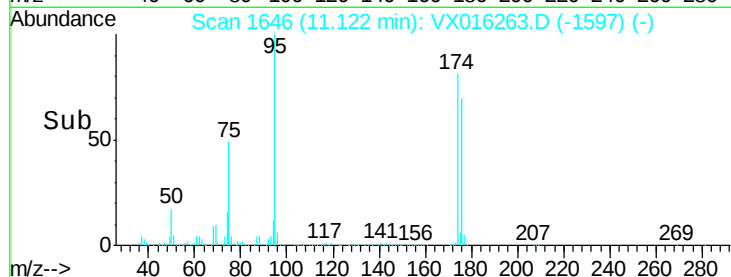
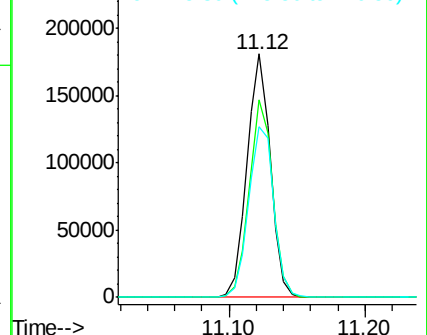
176 75.7 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX016263.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX016263.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX016263.D (-1597) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. 0.00 min

Lab File: VX016263.D

Acq: 15 May 2020 04:28

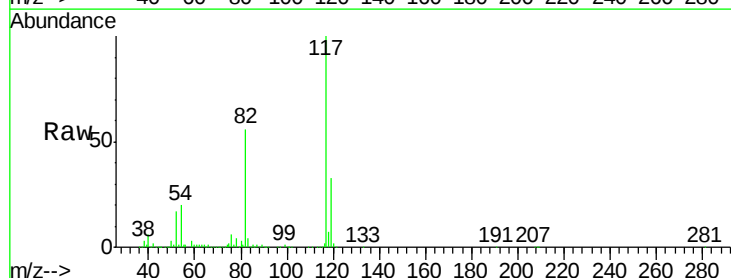
Tgt Ion: 117 Resp: 426425

Ion Ratio Lower Upper

117 100

82 56.1 44.4 66.6

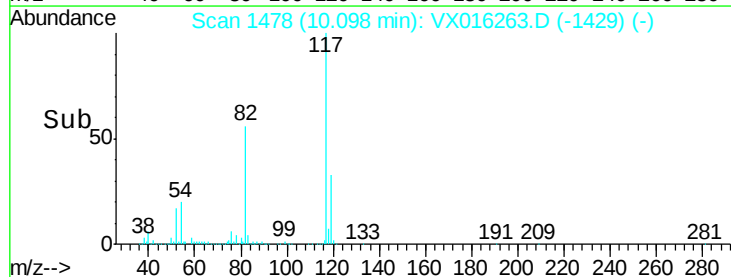
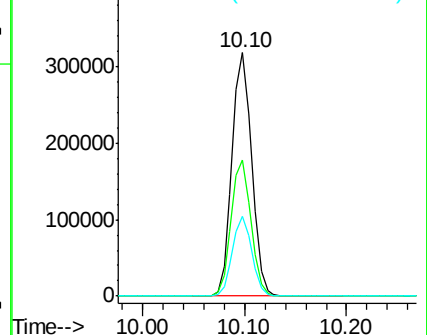
119 32.5 25.5 38.3

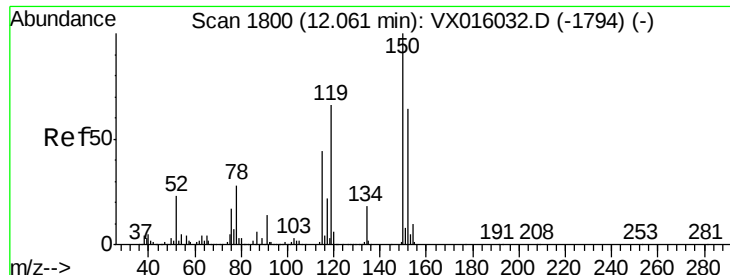


Abundance Ion 116.90 (116.60 to 117.60): VX016263.D (-1429) (-)

Ion 82.00 (81.70 to 82.70): VX016263.D (-1429) (-)

Ion 118.90 (118.60 to 119.60): VX016263.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: VX016263.D

Acq: 15 May 2020 04:28

Instrument :

MSVOA_X

ClientSampleId :

BUS-WASH

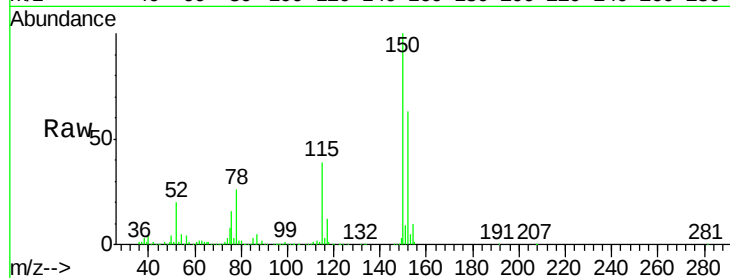
Tot Ion:152 Resp: 222403

Ion Ratio Lower Upper

152 100

115 59.3 41.3 124.1

150 157.9 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

