

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102618\
 Data File : VX005645.D
 Acq On : 27 Oct 2018 10:00
 Operator : JC/MD
 Sample : J5204-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SU-02-102518-A

Quant Time: Oct 29 02:21:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 02:52:45 2018
 Response via : Initial Calibration

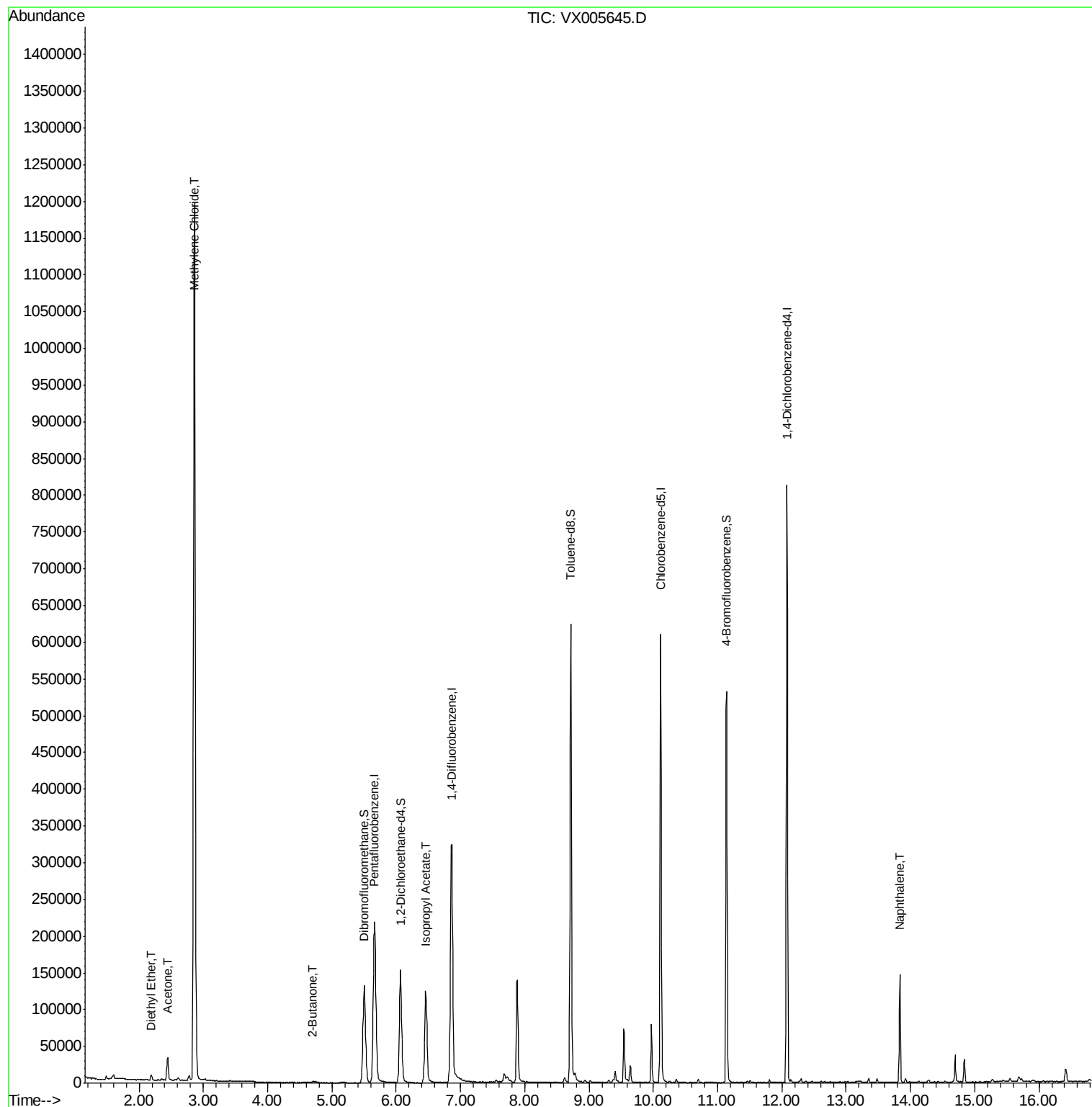
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	227504	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.87	114	349083	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	292242	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	163012	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	141314	50.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.78%	
35) Dibromofluoromethane	5.50	113	111625	47.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.44%	
50) Toluene-d8	8.71	98	386043	45.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.90%	
62) 4-Bromofluorobenzene	11.13	95	140439	43.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.58%	
Target Compounds						
8) Diethyl Ether	2.19	74	2450	1.571	ug/l	97
16) Acetone	2.44	43	33548	22.861	ug/l	99
20) Methylene Chloride	2.86	84	564410	229.644	ug/l #	81
25) 2-Butanone	4.70	43	3255	1.457	ug/l #	81
43) Isopropyl Acetate	6.46	43	164345	25.370	ug/l	97
95) Naphthalene	13.83	128	88826	7.979	ug/l	99

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

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QLast Update : Thu Oct 25 02:52:45 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.01 min

Lab File: VX005645.D

Acq: 27 Oct 2018 10:00

Instrument :

MSVOA_X

ClientSampleId :

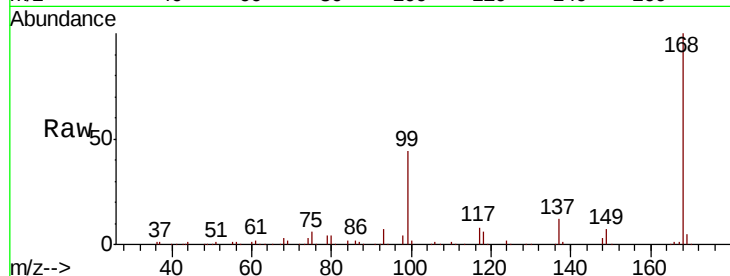
SU-02-102518-A

Tot Ion:168 Resp: 227504

Ion Ratio Lower Upper

168 100

99 43.9 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

80000

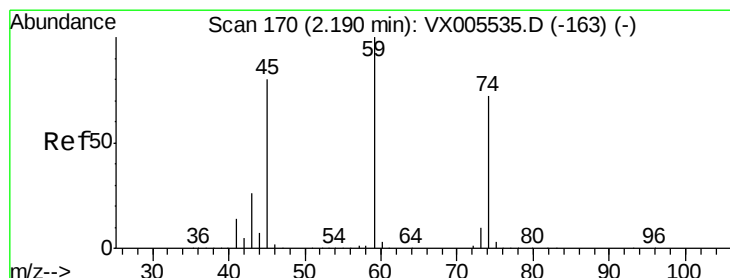
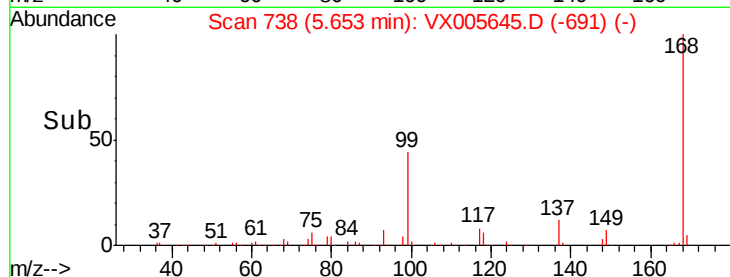
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#8

Diethyl Ether

Concen: 1.571 ug/l

RT: 2.19 min Scan# 170

Delta R.T. -0.00 min

Lab File: VX005645.D

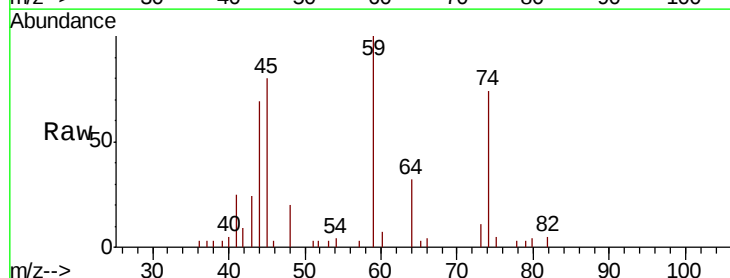
Acq: 27 Oct 2018 10:00

Tgt Ion: 74 Resp: 2450

Ion Ratio Lower Upper

74 100

45 105.1 54.1 162.3



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

2000

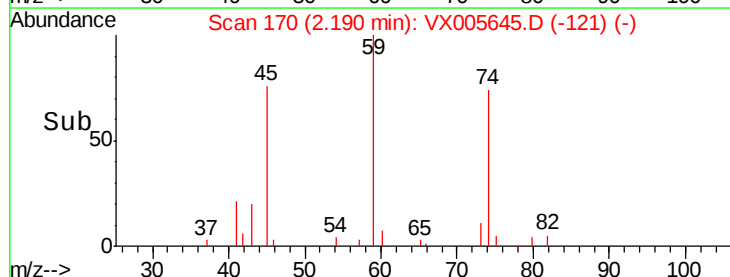
1500

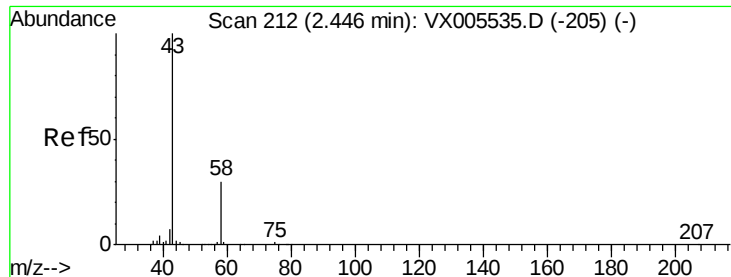
1000

500

0

Time--> 2.15 2.20 2.25





#16

Acetone

Concen: 22.861 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX005645.D

Acq: 27 Oct 2018 10:00

Instrument :

MSVOA_X

ClientSampleId :

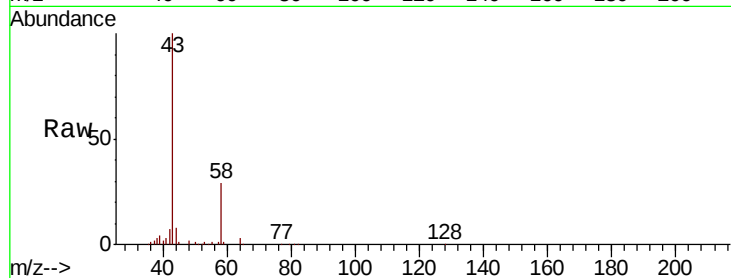
SU-02-102518-A

Tot Ion: 43 Resp: 33548

Ion Ratio Lower Upper

43 100

58 28.9 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VX005535.D (-205) (-)

Ion 58.00 (57.70 to 58.70): VX005535.D (-205) (-)

20000

15000

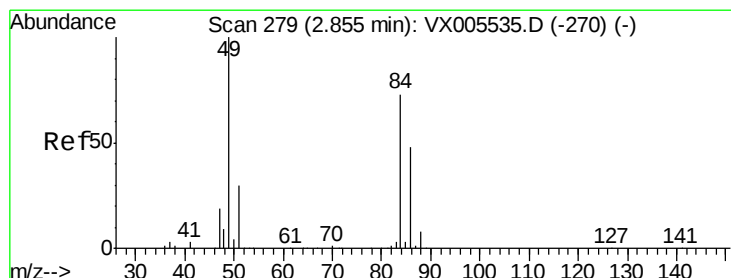
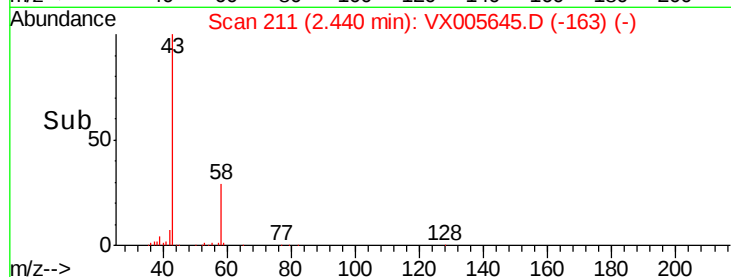
10000

5000

0

2.35 2.40 2.45 2.50 2.55

Time-->



#20

Methylene Chloride

Concen: 229.644 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.01 min

Lab File: VX005645.D

Acq: 27 Oct 2018 10:00

Tgt Ion: 84 Resp: 564410

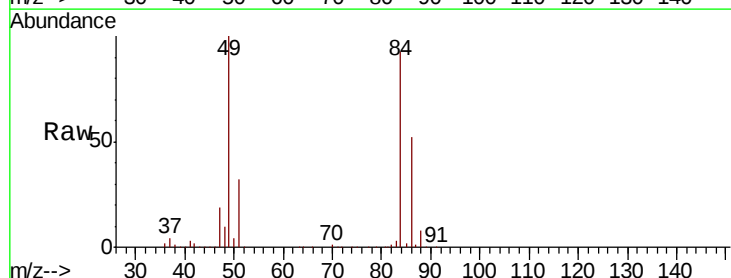
Ion Ratio Lower Upper

84 100

49 107.1 109.5 164.3#

51 33.7 33.3 49.9

86 56.1 52.7 79.1



Abundance Ion 83.90 (83.60 to 84.60): VX005535.D (-270) (-)

Ion 48.90 (48.60 to 49.60): VX005535.D (-270) (-)

Ion 50.90 (50.60 to 51.60): VX005535.D (-270) (-)

Ion 85.90 (85.60 to 86.60): VX005535.D (-270) (-)

500000

400000

300000

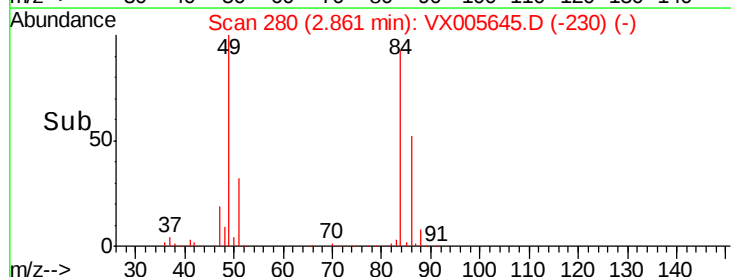
200000

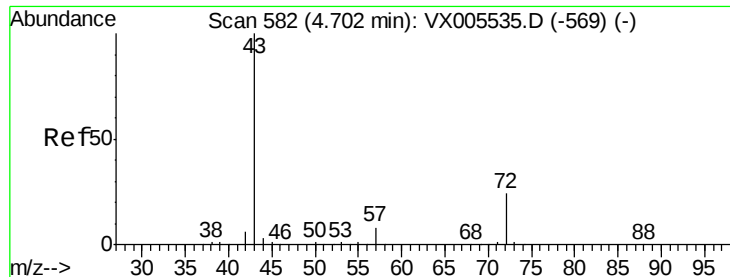
100000

0

2.80 2.90 3.00

Time-->





#25

2-Butanone

Concen: 1.457 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX005645.D

Acq: 27 Oct 2018 10:00

Instrument :

MSVOA_X

ClientSampleId :

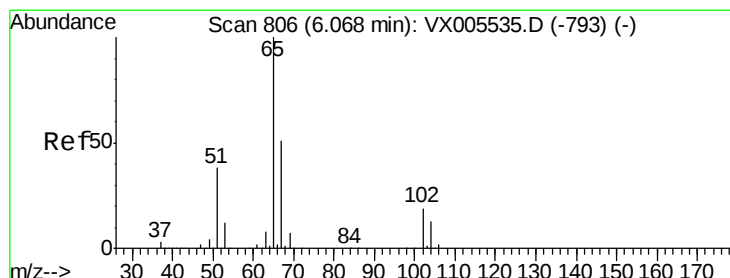
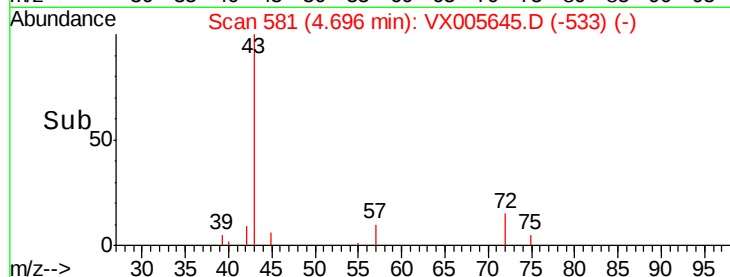
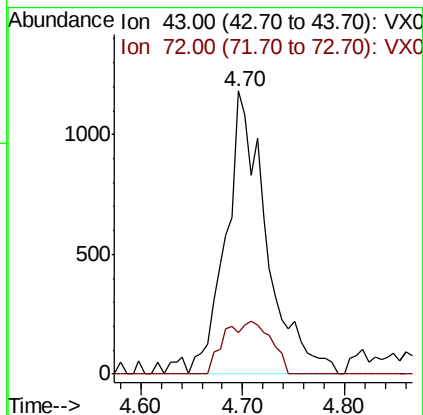
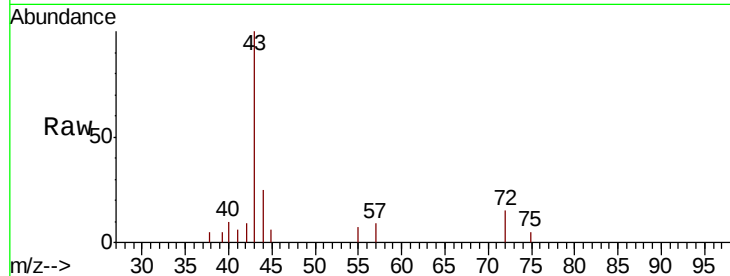
SU-02-102518-A

Tot Ion: 43 Resp: 3255

Ion Ratio Lower Upper

43 100

72 14.6 19.2 28.8#



#33

1,2-Dichloroethane-d4

Concen: 50.885 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX005645.D

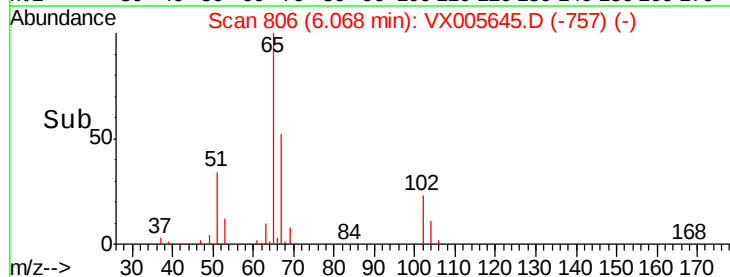
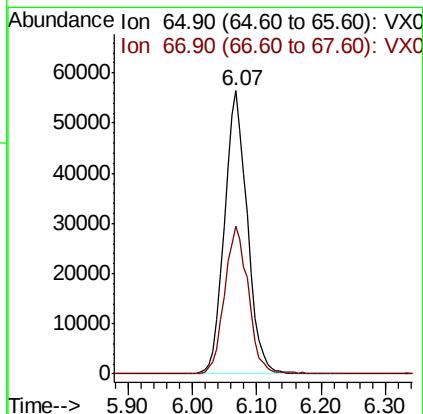
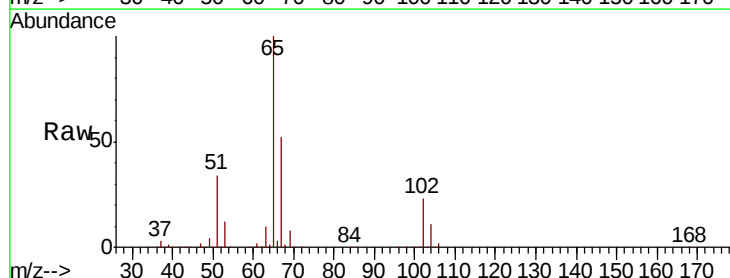
Acq: 27 Oct 2018 10:00

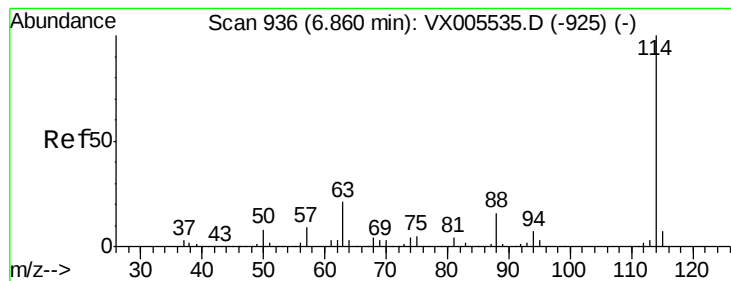
Tgt Ion: 65 Resp: 141314

Ion Ratio Lower Upper

65 100

67 54.0 0.0 105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 937

Delta R.T. 0.01 min

Lab File: VX005645.D

Acq: 27 Oct 2018 10:00

Instrument :

MSVOA_X

ClientSampleId :

SU-02-102518-A

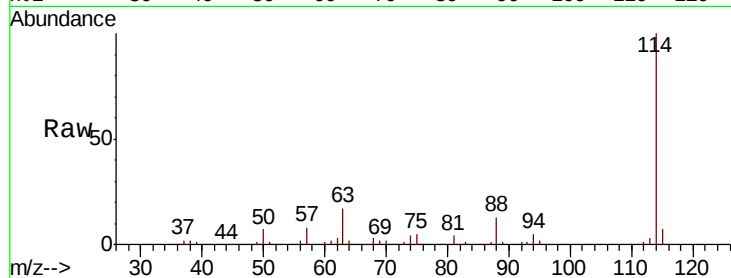
Tot Ion:114 Resp: 349083

Ion Ratio Lower Upper

114 100

63 17.2 0.0 42.8

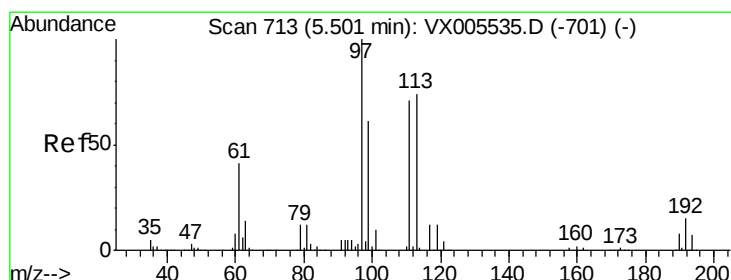
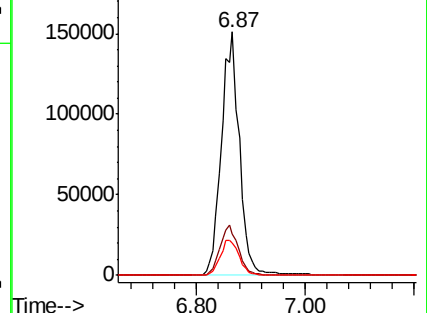
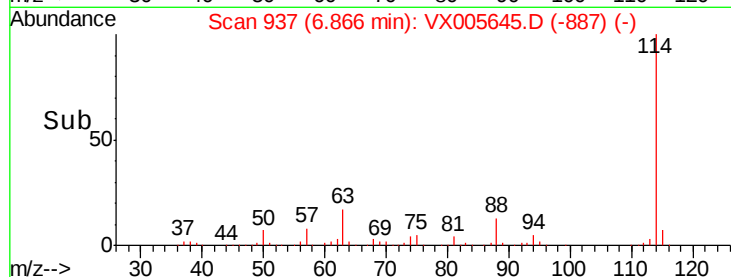
88 13.2 0.0 31.2



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: 47.225 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX005645.D

Acq: 27 Oct 2018 10:00

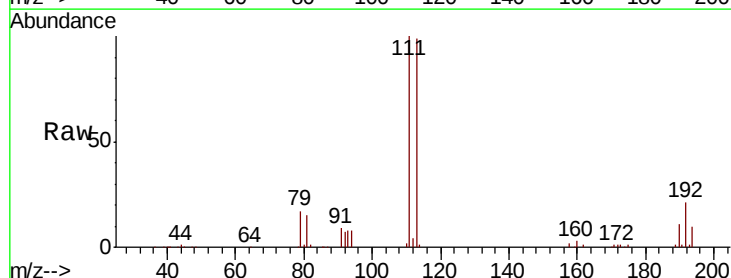
Tgt Ion:113 Resp: 111625

Ion Ratio Lower Upper

113 100

111 100.4 82.3 123.5

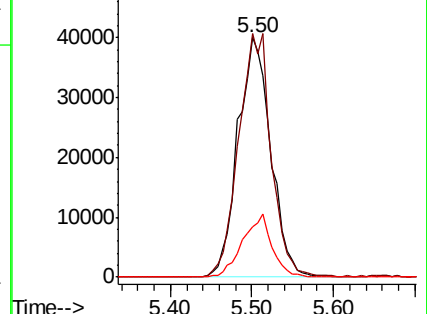
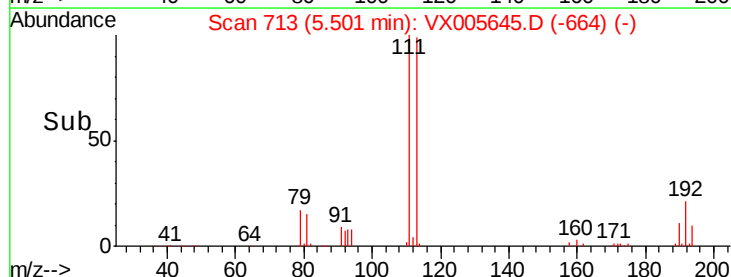
192 23.3 17.9 26.9

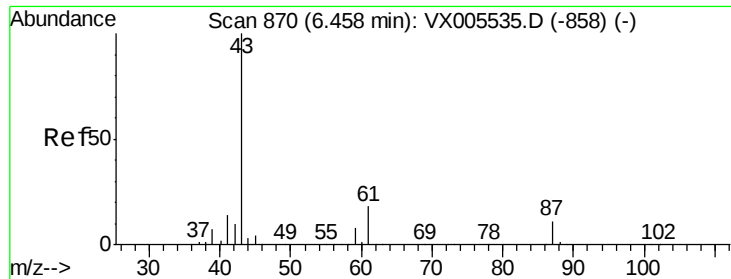


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



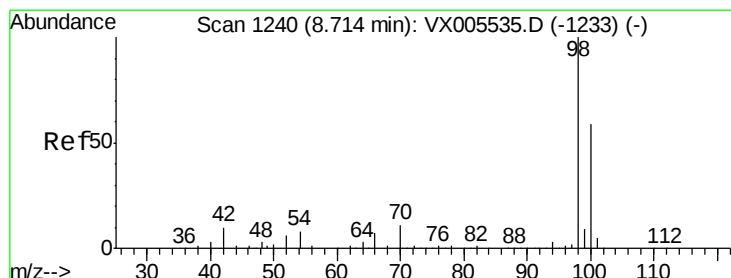
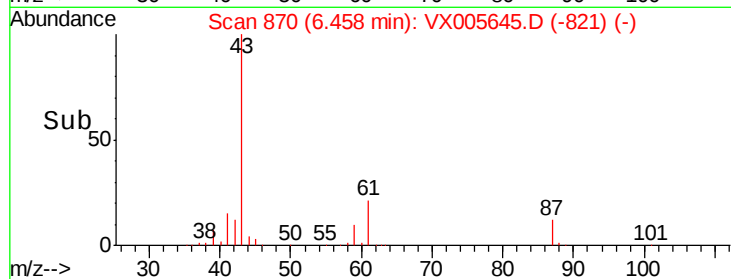
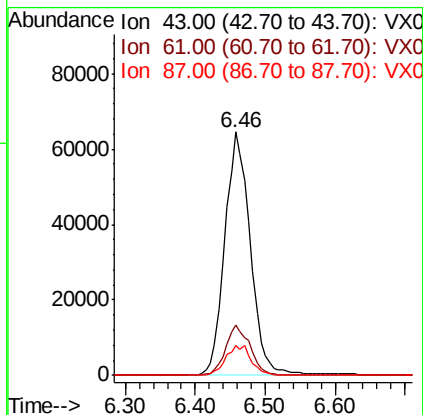
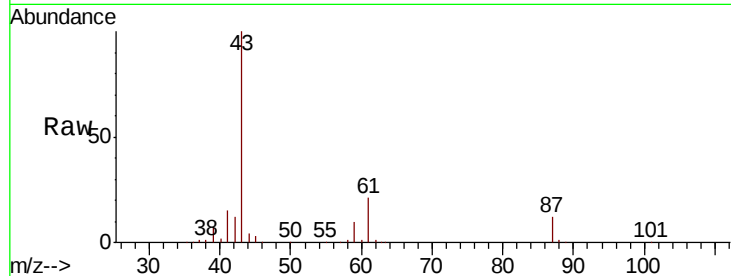


#43

Isopropyl Acetate
 Concen: 25.370 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: VX005645.D
 Acq: 27 Oct 2018 10:00

Instrument :
 MSVOA_X
 ClientSampleId :
 SU-02-102518-A

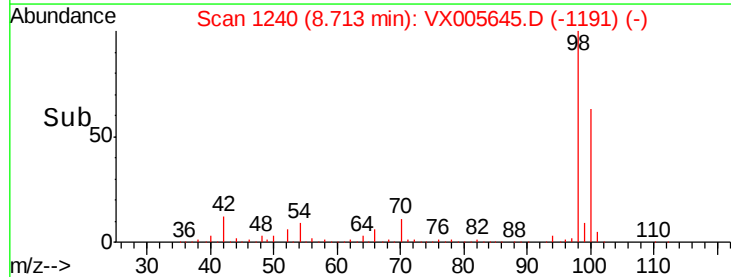
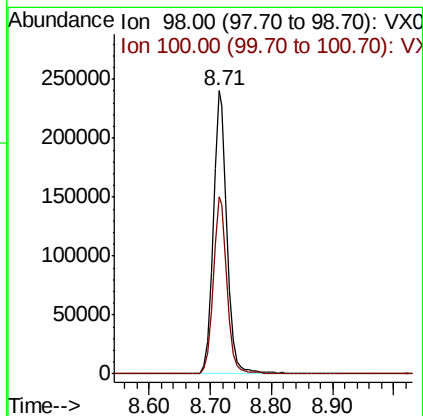
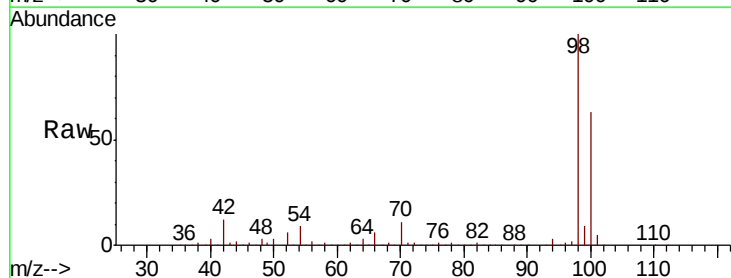
Tot Ion: 43 Resp: 164345
 Ion Ratio Lower Upper
 43 100
 61 20.0 14.6 22.0
 87 12.2 9.6 14.4

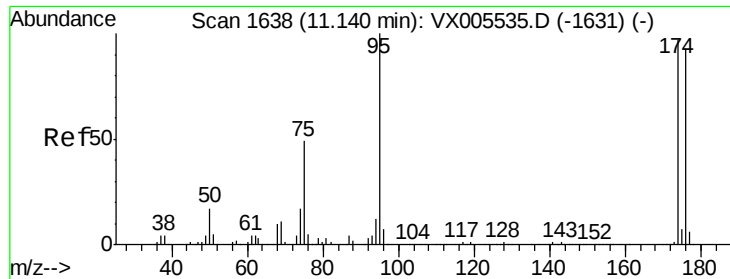


#50

Toluene-d8
 Concen: 45.453 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX005645.D
 Acq: 27 Oct 2018 10:00

Tgt Ion: 98 Resp: 386043
 Ion Ratio Lower Upper
 98 100
 100 62.8 51.3 76.9

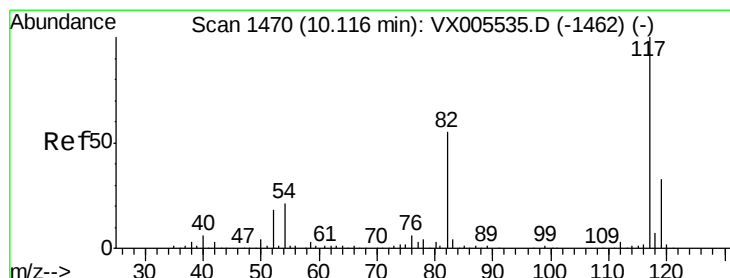
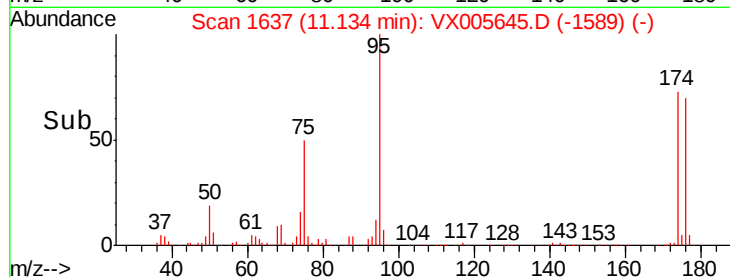
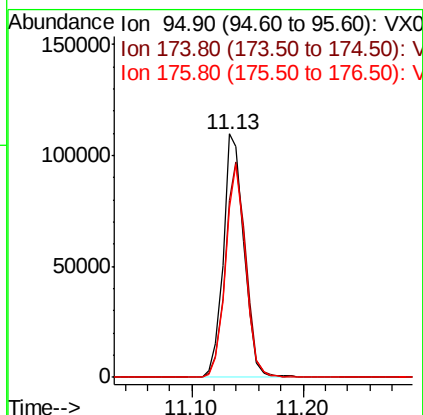
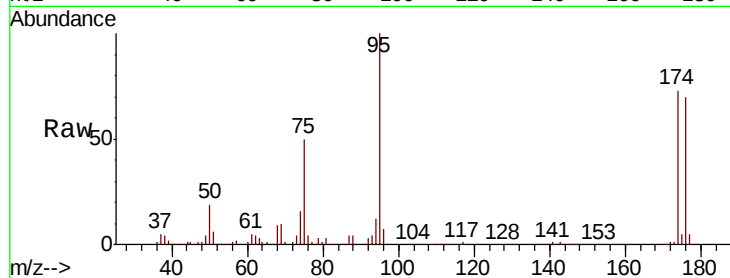




#62
4-Bromofluorobenzene
Concen: 43.785 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.01 min
Lab File: VX005645.D
Acq: 27 Oct 2018 10:00

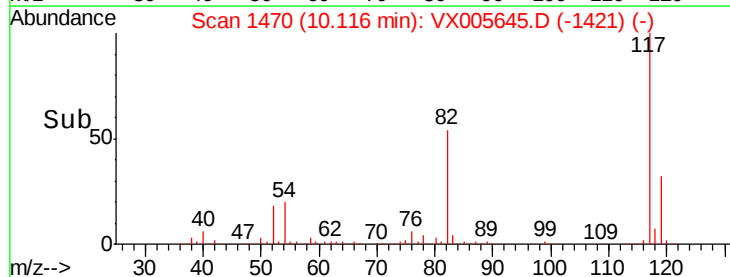
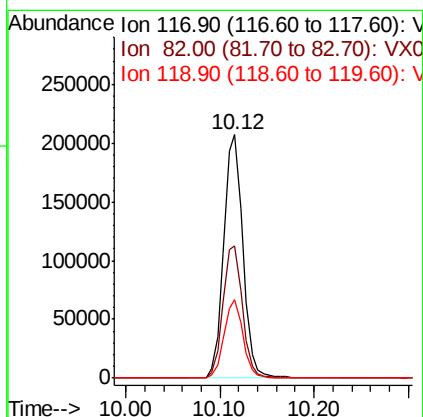
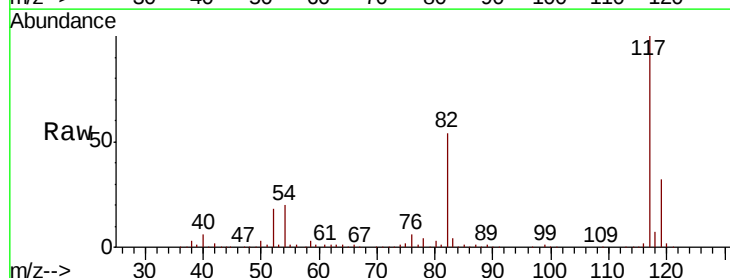
Instrument :
MSVOA_X
ClientSampleId :
SU-02-102518-A

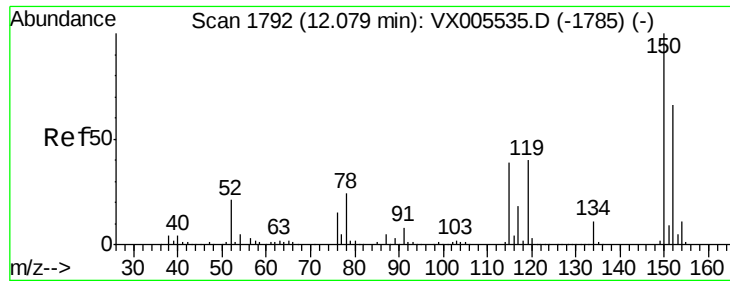
Tot Ion: 95 Resp: 140439
Ion Ratio Lower Upper
95 100
174 88.3 0.0 184.4
176 84.4 0.0 177.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005645.D
Acq: 27 Oct 2018 10:00

Tgt Ion: 117 Resp: 292242
Ion Ratio Lower Upper
117 100
82 54.2 44.1 66.1
119 32.0 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005645.D

Acq: 27 Oct 2018 10:00

Instrument :

MSVOA_X

ClientSampleId :

SU-02-102518-A

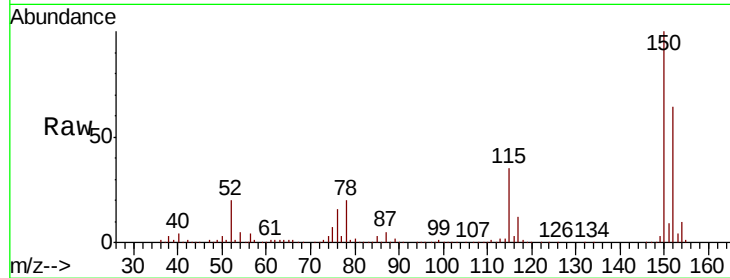
Tot Ion:152 Resp: 163012

Ion Ratio Lower Upper

152 100

115 57.9 39.4 118.1

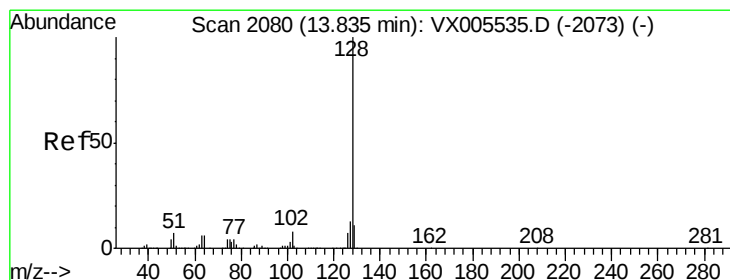
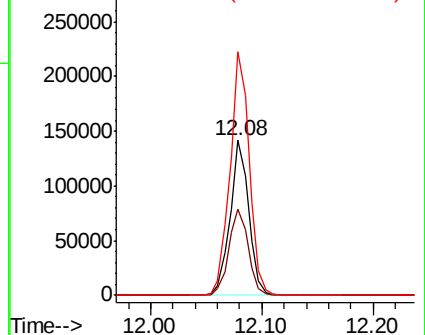
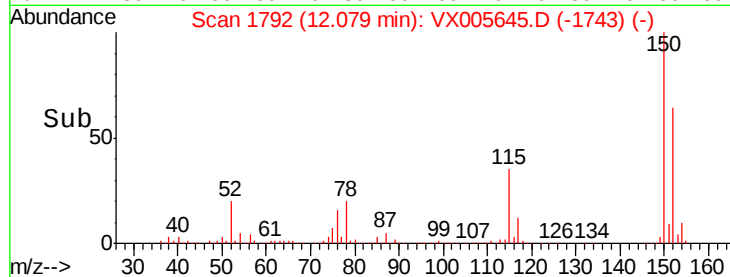
150 162.6 0.0 346.4



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: 7.979 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX005645.D

Acq: 27 Oct 2018 10:00

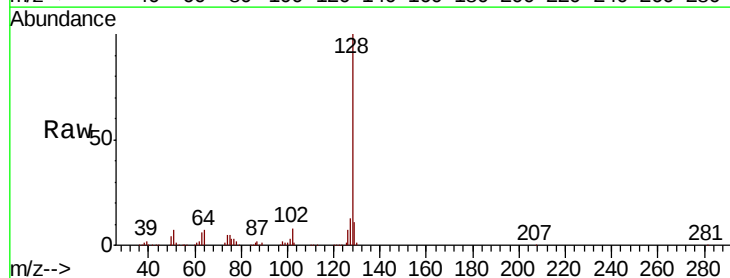
Tgt Ion:128 Resp: 88826

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

129 11.5 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

