

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080519\
 Data File : VX011326.D
 Acq On : 05 Aug 2019 15:17
 Operator : JC/SP
 Sample : K4129-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1S-H-(30)

Quant Time: Aug 06 03:36:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

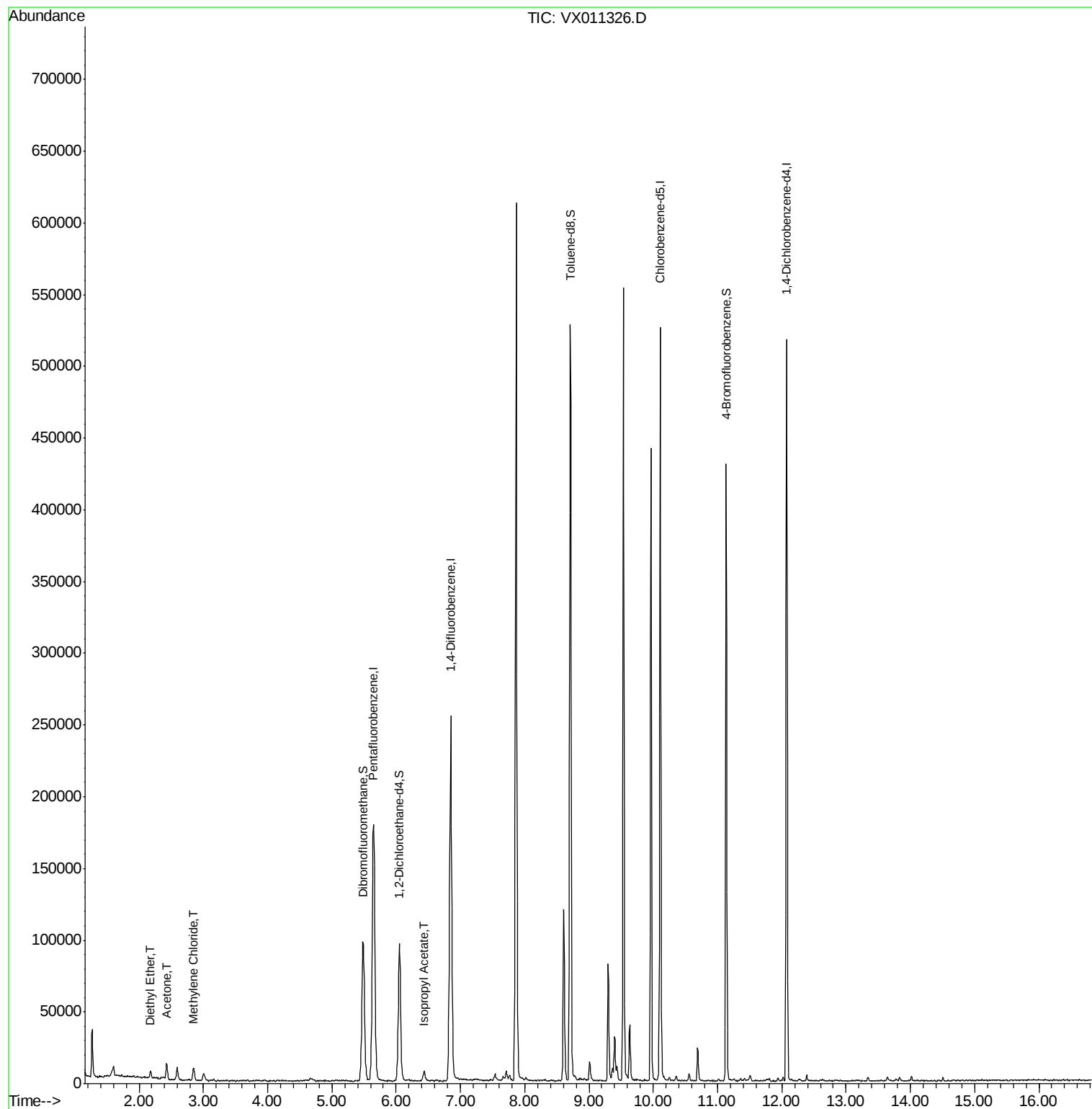
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	184294	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	266576	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	243122	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	108197	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	86734	46.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.46%	
35) Dibromofluoromethane	5.48	113	81136	46.62	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	93.24%	
50) Toluene-d8	8.71	98	314064	47.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.62%	
62) 4-Bromofluorobenzene	11.13	95	101236	43.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.32%	
Target Compounds						
8) Diethyl Ether	2.18	74	1670	1.496	ug/l	93
16) Acetone	2.43	43	11819	13.379	ug/l	95
20) Methylene Chloride	2.85	84	4268	2.206	ug/l	95
43) Isopropyl Acetate	6.43	43	8007	2.145	ug/l	96

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 737

Delta R.T. -0.01 min

Lab File: VX011326.D

Acq: 05 Aug 2019 15:17

Instrument :

MSVOA_X

ClientSampleId :

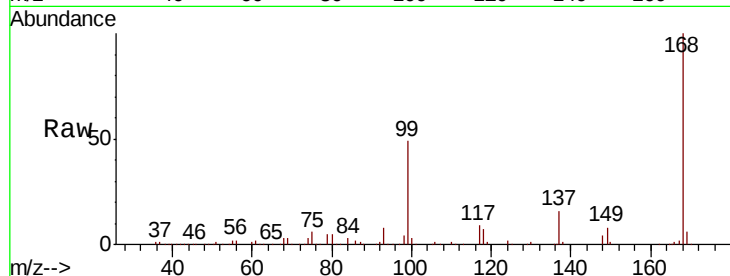
1S-H-(30)

Tot Ion:168 Resp: 184294

Ion Ratio Lower Upper

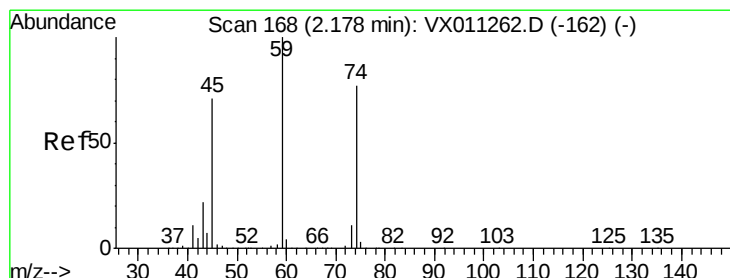
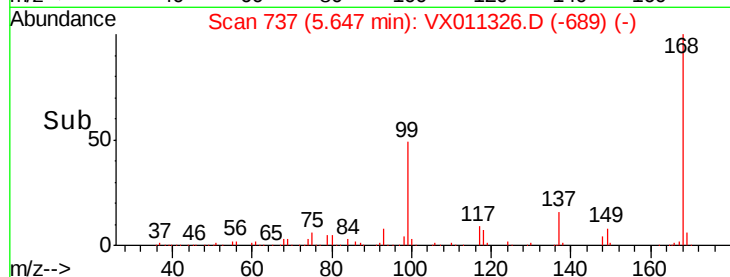
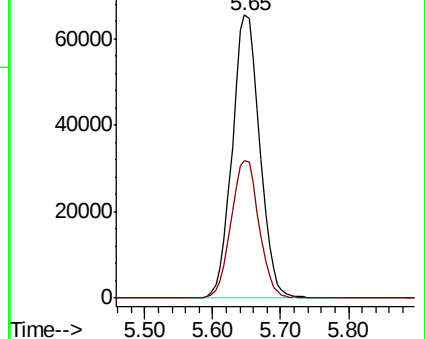
168 100

99 48.6 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#8

Diethyl Ether

Concen: 1.496 ug/l

RT: 2.18 min Scan# 169

Delta R.T. 0.01 min

Lab File: VX011326.D

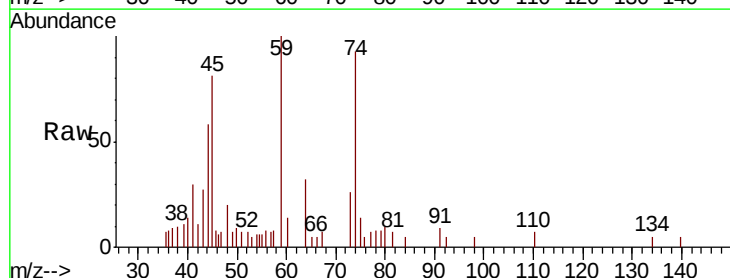
Acq: 05 Aug 2019 15:17

Tgt Ion: 74 Resp: 1670

Ion Ratio Lower Upper

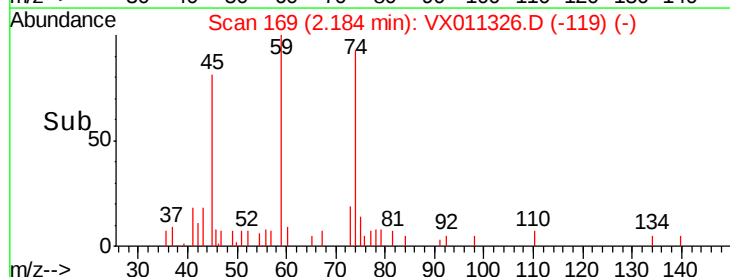
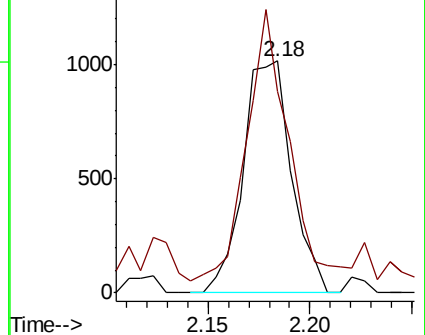
74 100

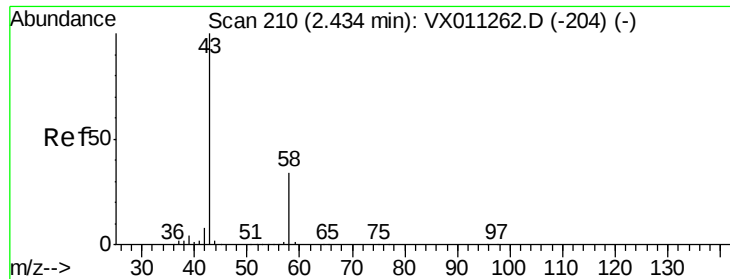
45 99.3 46.1 138.3



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#16

Acetone

Concen: 13.379 ug/l

RT: 2.43 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX011326.D

Acq: 05 Aug 2019 15:17

Instrument :

MSVOA_X

ClientSampleId :

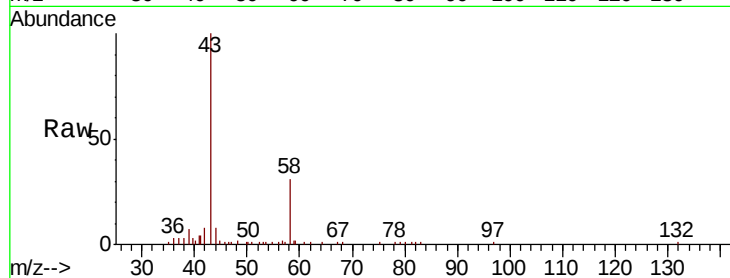
1S-H-(30)

Tot Ion: 43 Resp: 11819

Ion Ratio Lower Upper

43 100

58 31.4 27.4 41.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8000

6000

4000

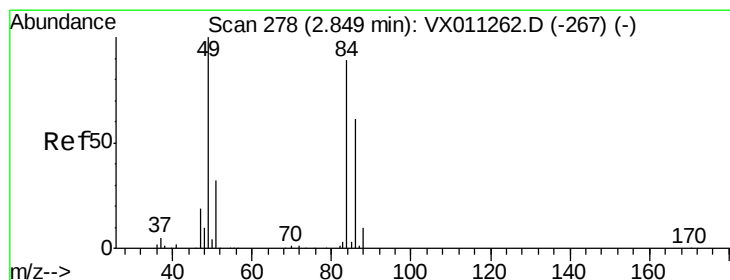
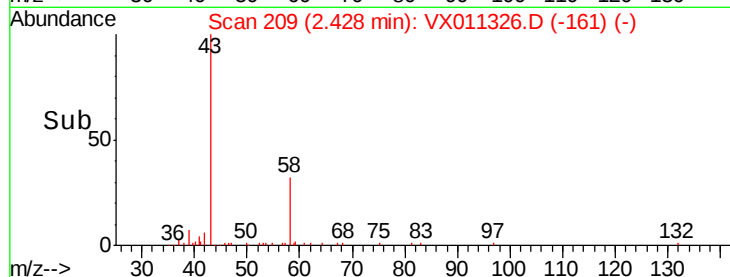
2000

0

Time-->

2.35 2.40 2.45 2.50 2.55

2.43



#20

Methylene Chloride

Concen: 2.206 ug/l

RT: 2.85 min Scan# 278

Delta R.T. 0.00 min

Lab File: VX011326.D

Acq: 05 Aug 2019 15:17

Tgt Ion: 84 Resp: 4268

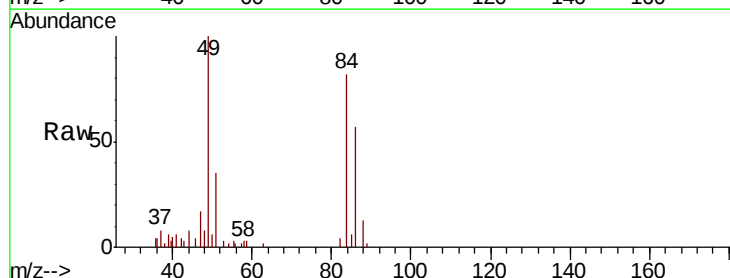
Ion Ratio Lower Upper

84 100

49 118.9 89.3 133.9

51 39.8 28.3 42.5

86 68.7 54.5 81.7



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

4000

3000

2000

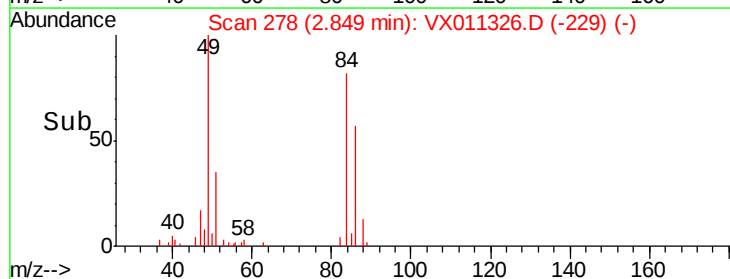
1000

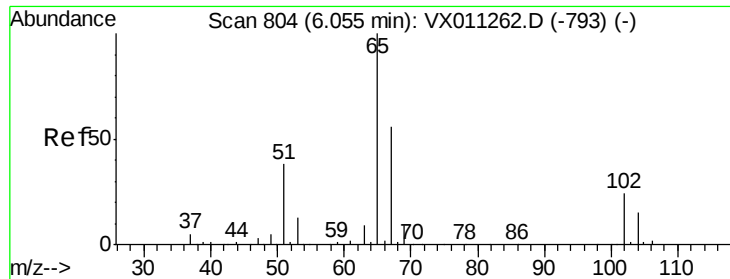
0

Time-->

2.80 2.85 2.90

2.85





#33

1,2-Dichloroethane-d4

Concen: 46.733 ug/l

RT: 6.05 min Scan# 803

Delta R.T. -0.01 min

Lab File: VX011326.D

Acq: 05 Aug 2019 15:17

Instrument :

MSVOA_X

ClientSampleId :

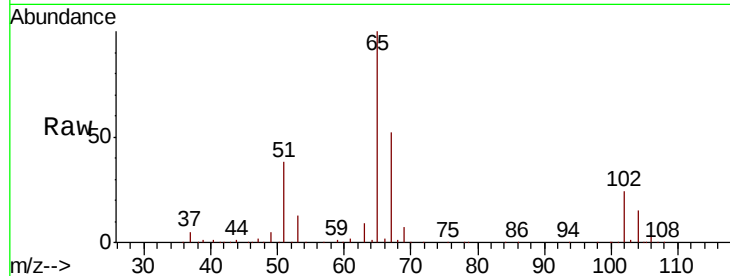
1S-H-(30)

Tot Ion: 65 Resp: 86734

Ion Ratio Lower Upper

65 100

67 54.8 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

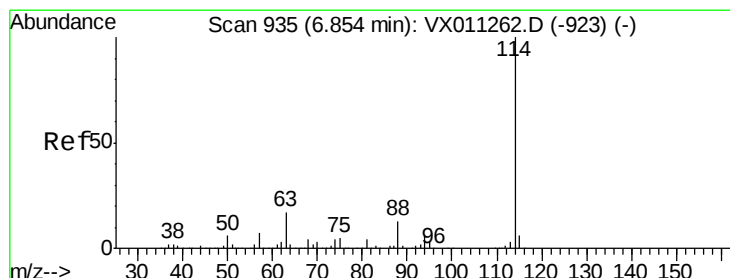
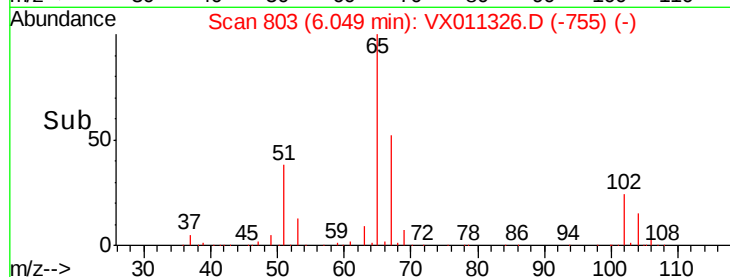
30000

20000

10000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 934

Delta R.T. -0.01 min

Lab File: VX011326.D

Acq: 05 Aug 2019 15:17

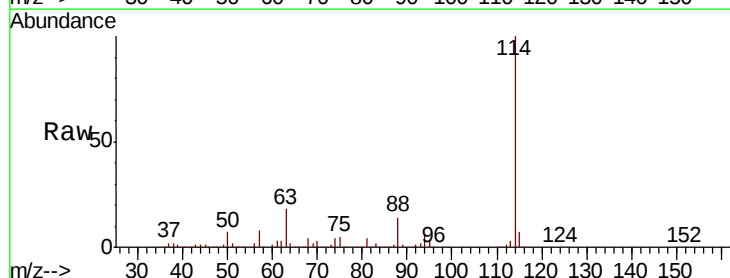
Tgt Ion: 114 Resp: 266576

Ion Ratio Lower Upper

114 100

63 17.6 0.0 34.0

88 14.0 0.0 26.4



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

6.85

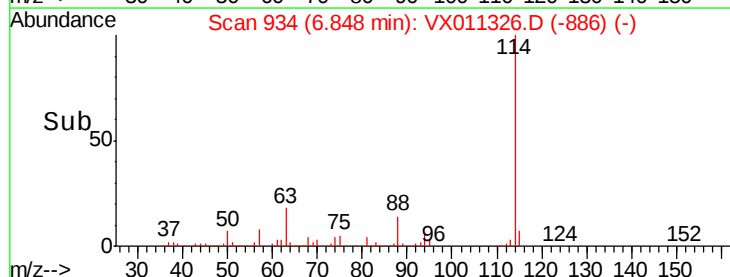
150000

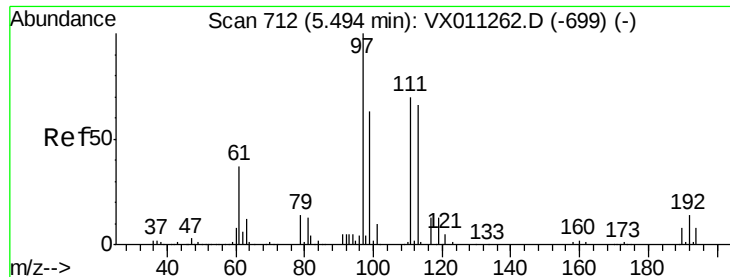
100000

50000

0

Time--> 6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 46.619 ug/l

RT: 5.48 min Scan# 710

Delta R.T. -0.01 min

Lab File: VX011326.D

Acq: 05 Aug 2019 15:17

Instrument :

MSVOA_X

ClientSampleId :

1S-H-(30)

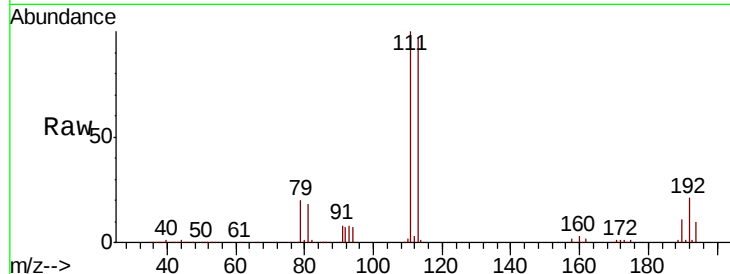
Tot Ion:113 Resp: 81136

Ion Ratio Lower Upper

113 100

111 102.0 81.9 122.9

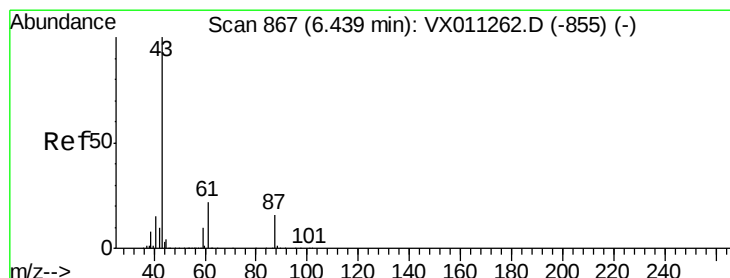
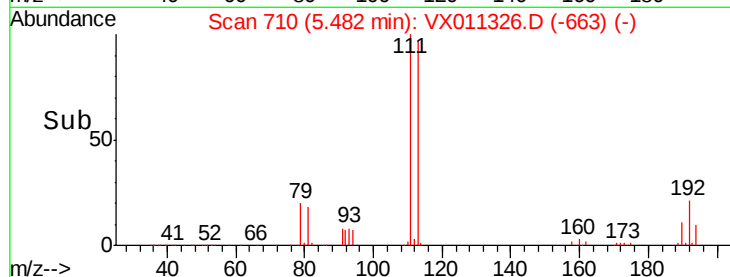
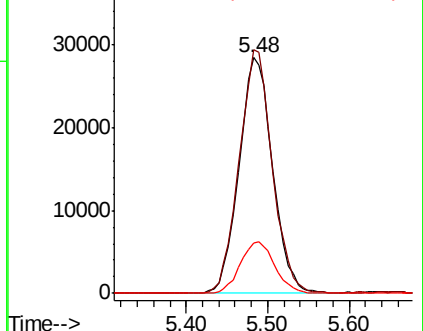
192 22.6 17.8 26.8



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: 2.145 ug/l

RT: 6.43 min Scan# 866

Delta R.T. -0.01 min

Lab File: VX011326.D

Acq: 05 Aug 2019 15:17

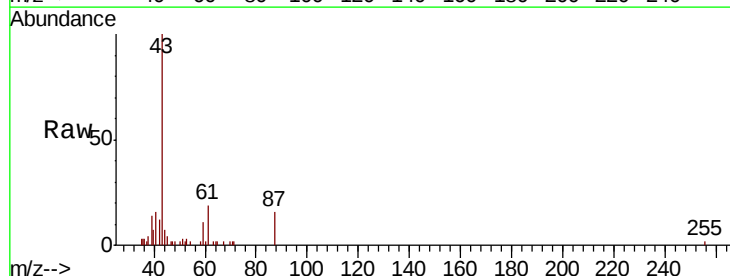
Tgt Ion: 43 Resp: 8007

Ion Ratio Lower Upper

43 100

61 22.5 16.5 24.7

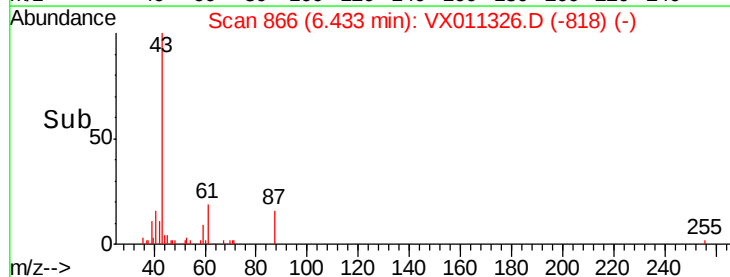
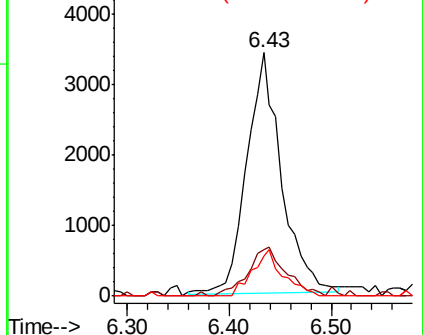
87 17.2 12.1 18.1

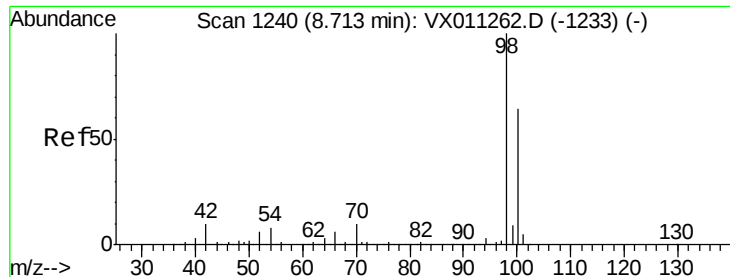


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 47.806 ug/l

RT: 8.71 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VX011326.D

Acq: 05 Aug 2019 15:17

Instrument :

MSVOA_X

ClientSampleId :

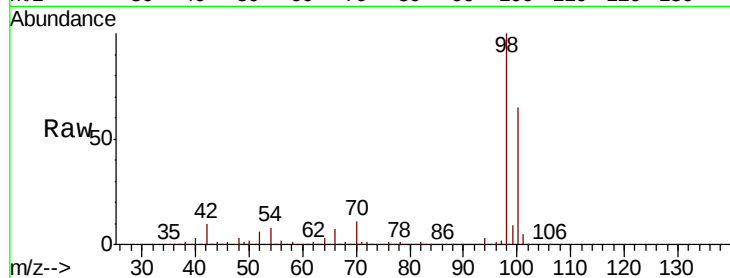
1S-H-(30)

Tot Ion: 98 Resp: 314064

Ion Ratio Lower Upper

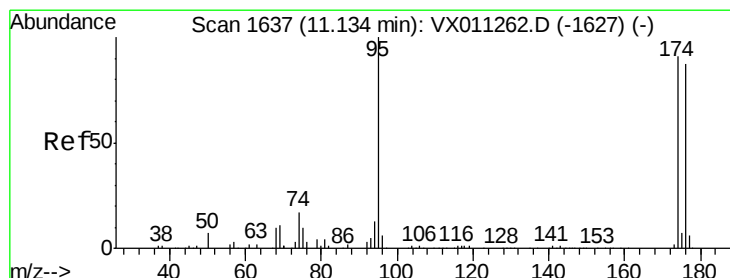
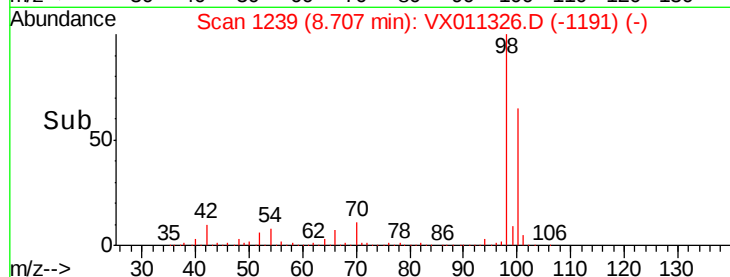
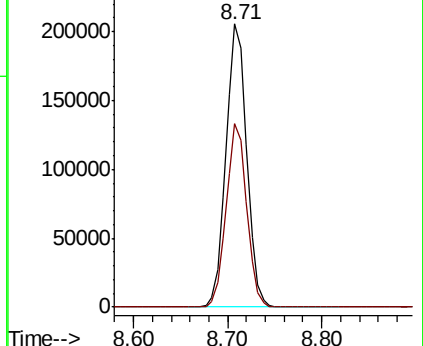
98 100

100 63.9 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 43.162 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011326.D

Acq: 05 Aug 2019 15:17

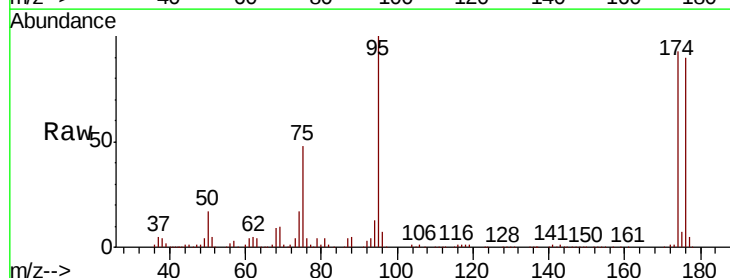
Tgt Ion: 95 Resp: 101236

Ion Ratio Lower Upper

95 100

174 93.8 0.0 191.2

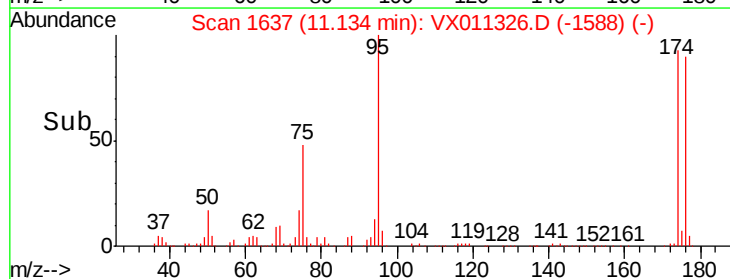
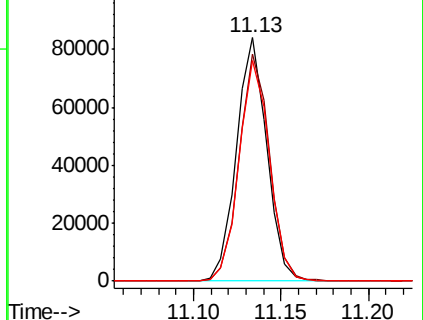
176 91.6 0.0 184.8

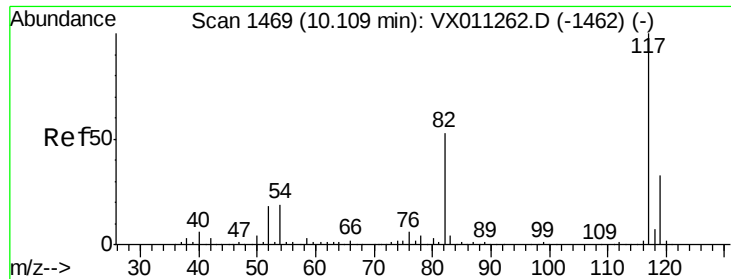


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

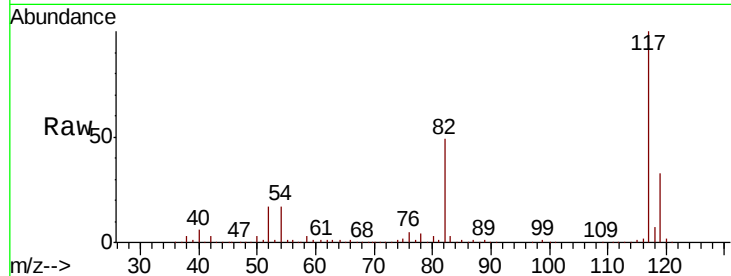




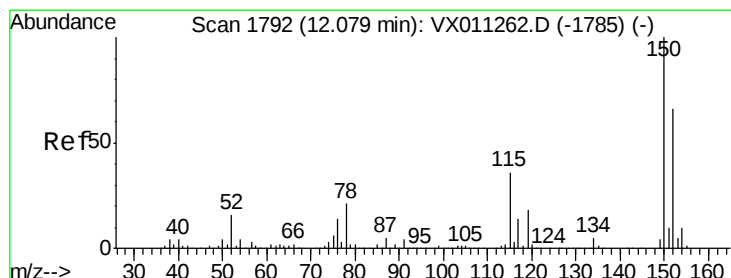
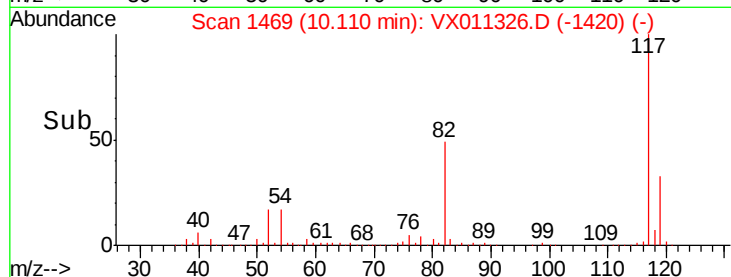
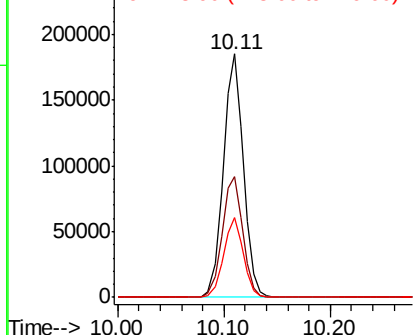
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011326.D
Acq: 05 Aug 2019 15:17

Instrument :
MSVOA_X
ClientSampled :
1S-H-(30)

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.4	42.2	63.2
119	32.6	26.6	39.8

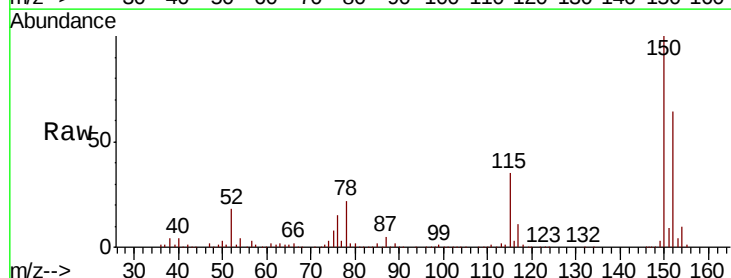


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. -0.01 min
Lab File: VX011326.D
Acq: 05 Aug 2019 15:17

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.1	40.0	119.9
150	158.5	0.0	350.4



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

