

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062819\
 Data File : VX010573.D
 Acq On : 29 Jun 2019 06:58
 Operator : JC/SP
 Sample : K3163-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SU-01-062719-A

Quant Time: Jul 01 04:01:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

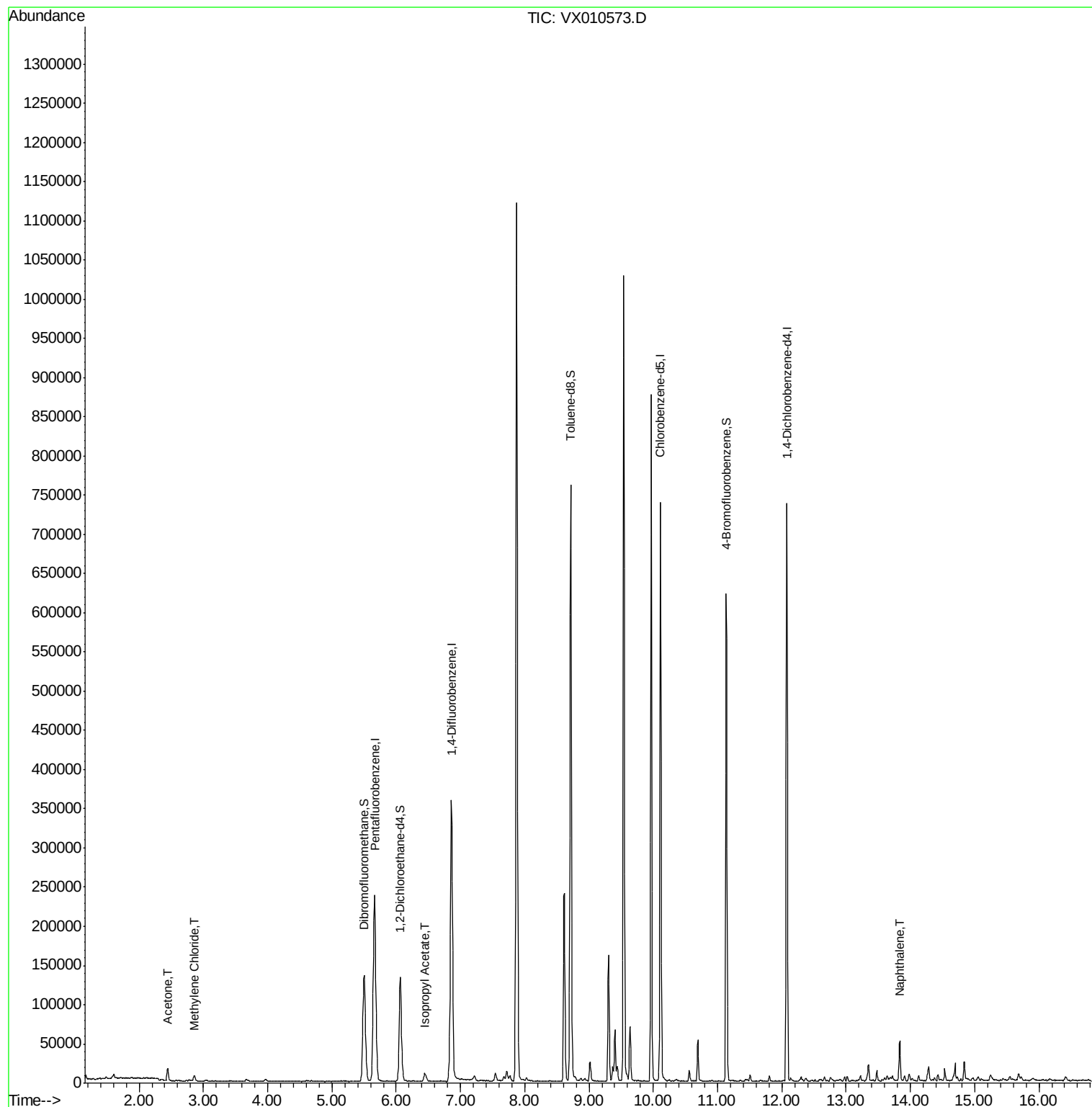
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	245492	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	385596	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	356227	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	163359	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	120620	52.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.80%	
35) Dibromofluoromethane	5.50	113	115840	49.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.20%	
50) Toluene-d8	8.71	98	460682	51.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.08%	
62) 4-Bromofluorobenzene	11.13	95	156466	48.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.04%	
Target Compounds						
16) Acetone	2.44	43	17460	15.136	ug/l	94
20) Methylene Chloride	2.85	84	3684	1.552	ug/l	89
43) Isopropyl Acetate	6.45	43	14778	2.834	ug/l	98
95) Naphthalene	13.83	128	33764	2.953	ug/l	99

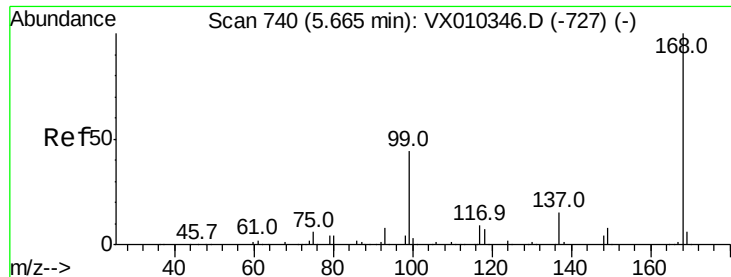
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX062819\
Data File : VX010573.D
Acq On : 29 Jun 2019 06:58
Operator : JC/SP
Sample : K3163-14
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SU-01-062719-A

Quant Time: Jul 01 04:01:29 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010573.D

Acq: 29 Jun 2019 06:58

Instrument :

MSVOA_X

ClientSampleId :

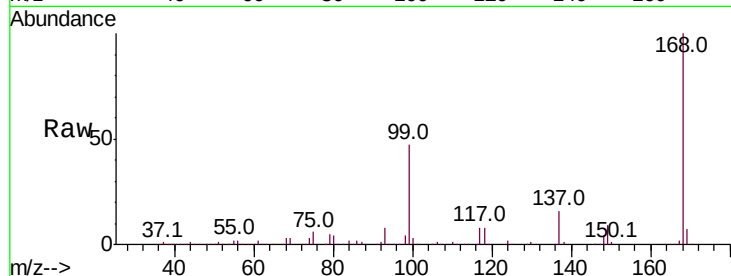
SU-01-062719-A

Tot Ion:168 Resp: 245492

Ion Ratio Lower Upper

168 100

99 47.2 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

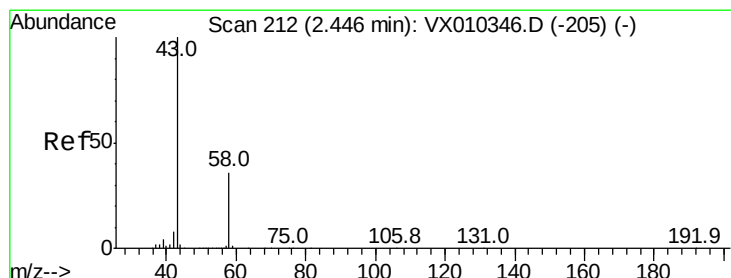
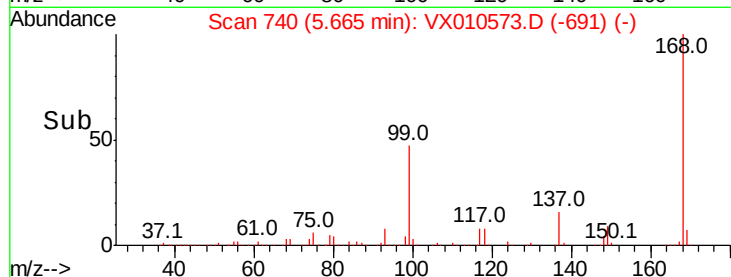
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 15.136 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010573.D

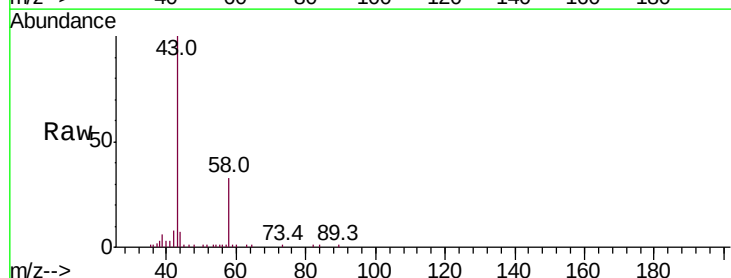
Acq: 29 Jun 2019 06:58

Tgt Ion: 43 Resp: 17460

Ion Ratio Lower Upper

43 100

58 32.4 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

10000

8000

6000

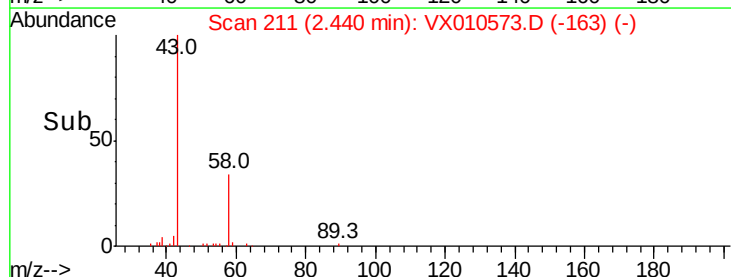
4000

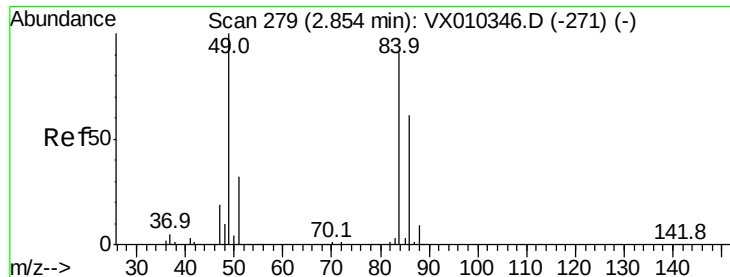
2000

0

Time-->

2.40 2.45 2.50





#20

Methylene Chloride

Concen: 1.552 ug/l

RT: 2.85 min Scan# 279

Delta R.T. 0.00 min

Lab File: VX010573.D

Acq: 29 Jun 2019 06:58

Instrument :

MSVOA_X

ClientSampleId :

SU-01-062719-A

Tot Ion: 84 Resp: 3684

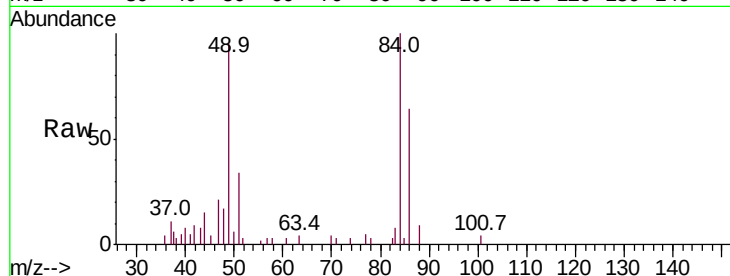
Ion Ratio Lower Upper

84 100

49 91.3 87.5 131.3

51 29.8 27.7 41.5

86 64.0 53.4 80.0

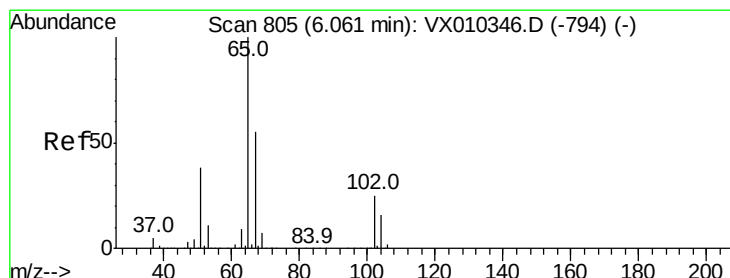
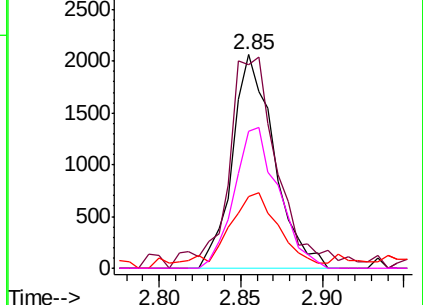
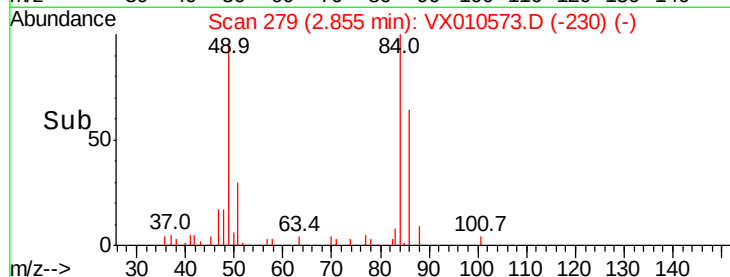


Abundance Ion 83.90 (83.60 to 84.60): VX0

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



#33

1,2-Dichloroethane-d4

Concen: 52.404 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010573.D

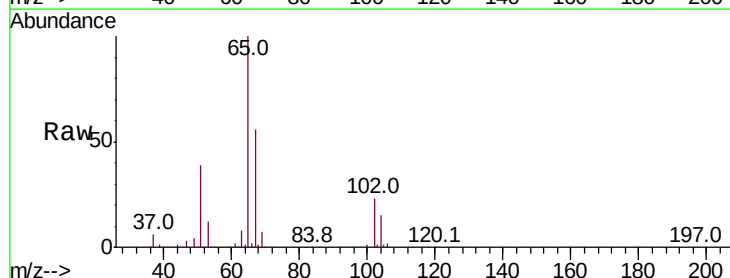
Acq: 29 Jun 2019 06:58

Tgt Ion: 65 Resp: 120620

Ion Ratio Lower Upper

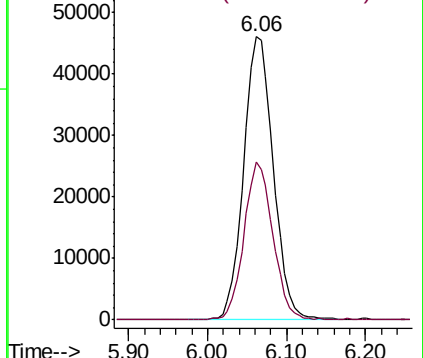
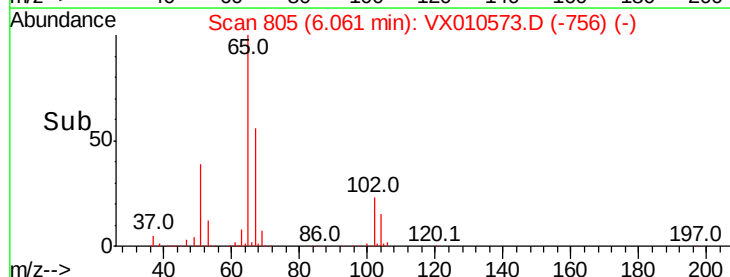
65 100

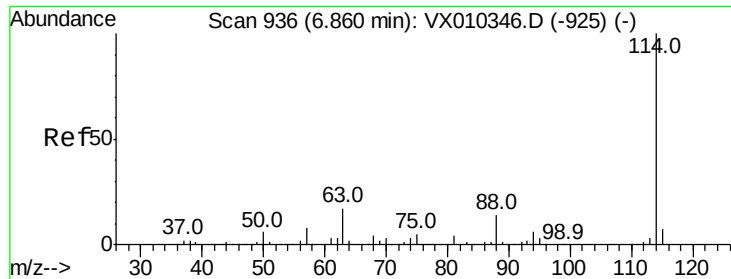
67 54.3 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

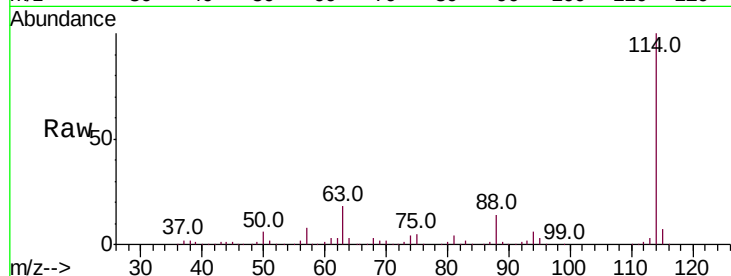




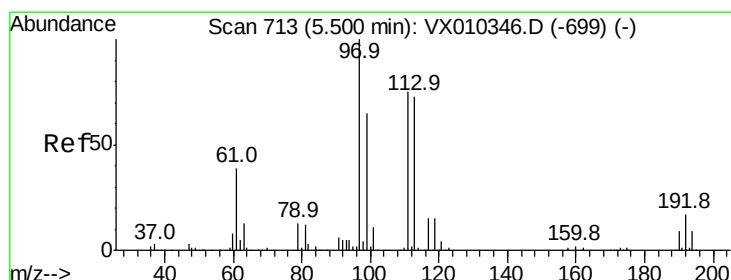
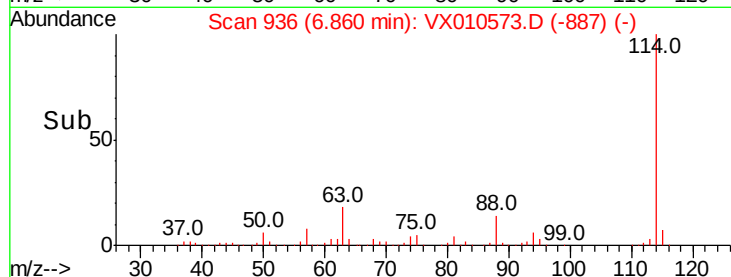
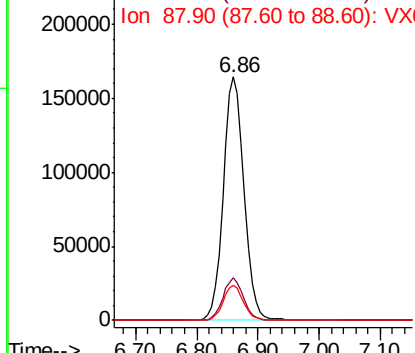
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010573.D
 Acq: 29 Jun 2019 06:58

Instrument :
 MSVOA_X
 ClientSampleId :
 SU-01-062719-A

Tot Ion	Ratio	Lower	Upper
114	100		
63	17.6	0.0	33.8
88	14.4	0.0	27.6

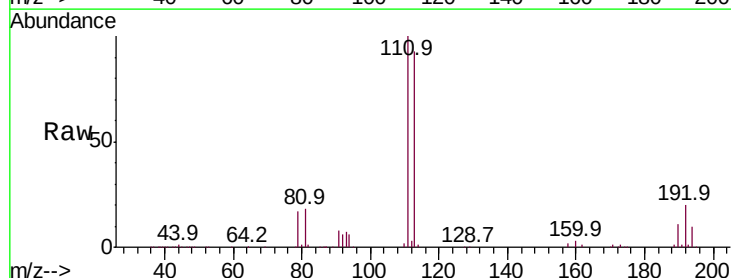


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

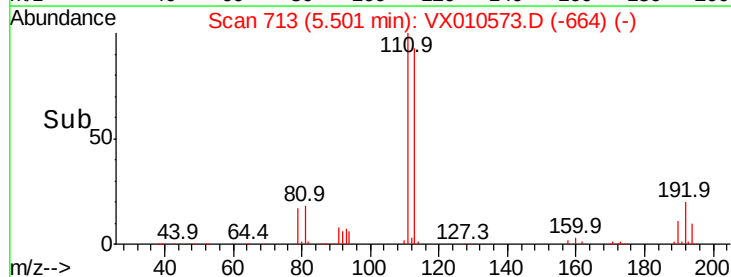
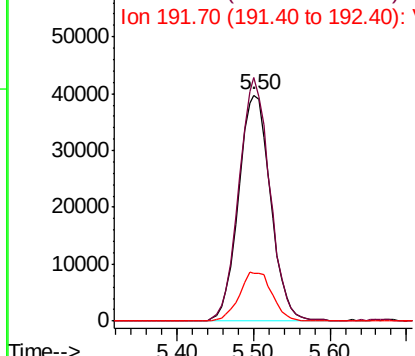


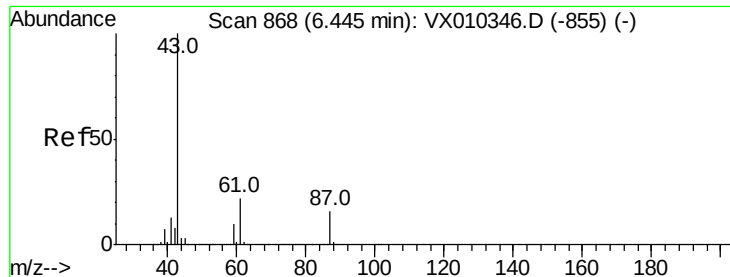
#35
 Dibromofluoromethane
 Concen: 49.101 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010573.D
 Acq: 29 Jun 2019 06:58

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.0	81.2	121.8
192	22.2	18.6	27.8



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: 2.834 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX010573.D

Acq: 29 Jun 2019 06:58

Instrument :

MSVOA_X

ClientSampleId :

SU-01-062719-A

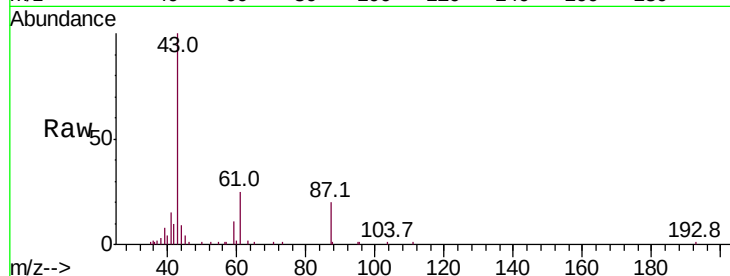
Tot Ion: 43 Resp: 14778

Ion Ratio Lower Upper

43 100

61 23.7 17.8 26.6

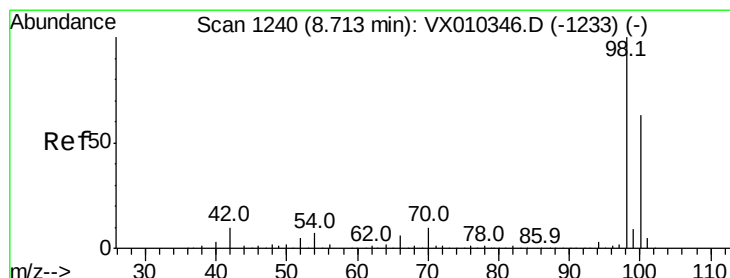
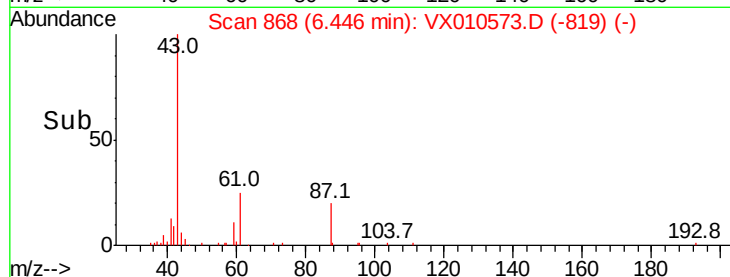
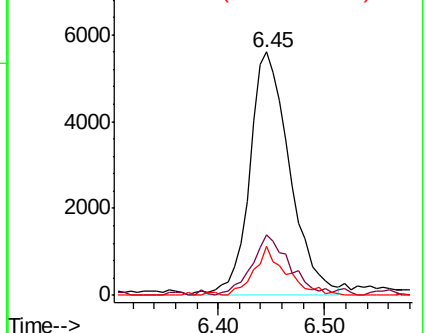
87 16.0 13.0 19.4



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: 51.040 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010573.D

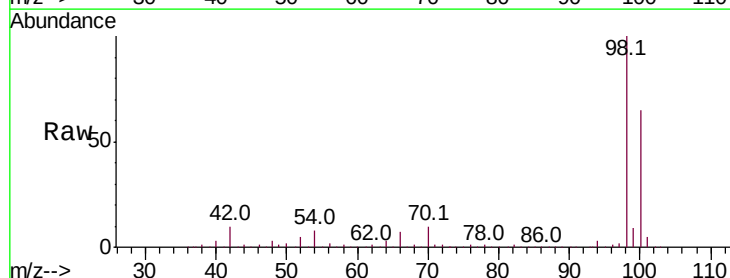
Acq: 29 Jun 2019 06:58

Tgt Ion: 98 Resp: 460682

Ion Ratio Lower Upper

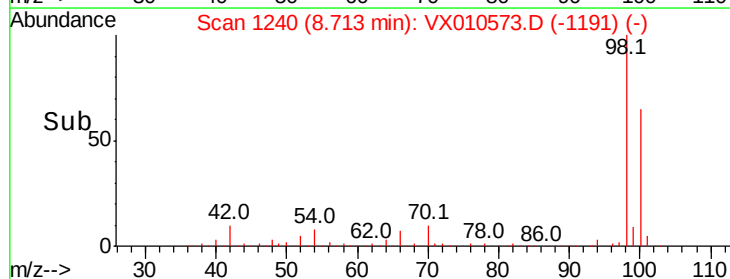
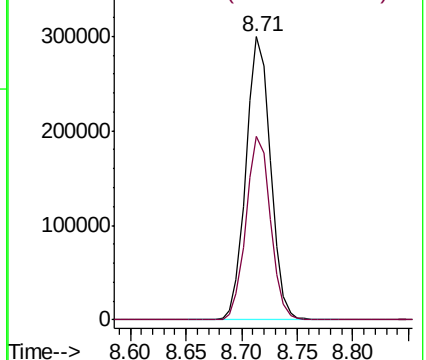
98 100

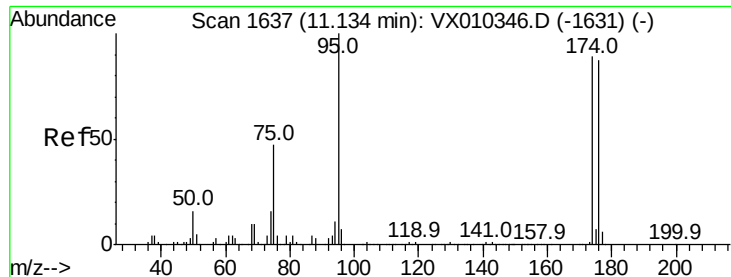
100 64.7 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 48.016 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010573.D

Acq: 29 Jun 2019 06:58

Instrument :

MSVOA_X

ClientSampleId :

SU-01-062719-A

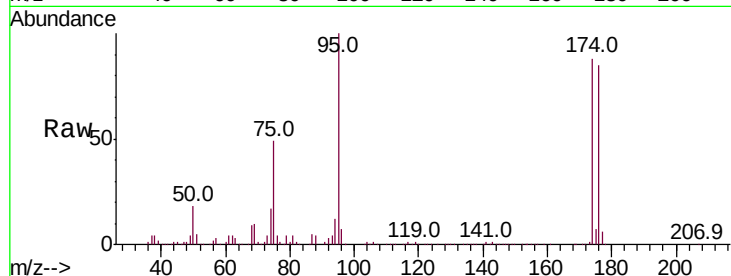
Tot Ion: 95 Resp: 156466

Ion Ratio Lower Upper

95 100

174 93.5 0.0 187.6

176 91.0 0.0 184.0



Abundance Ion 94.90 (94.60 to 95.60): VX010573.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX010573.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX010573.D (-1631) (-)

11.13

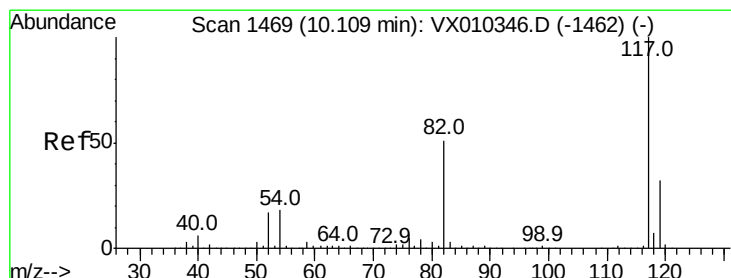
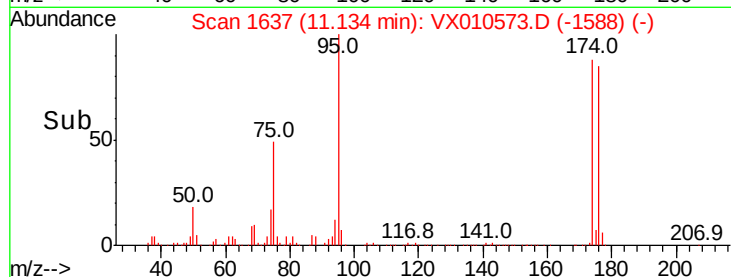
150000

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX010573.D

Acq: 29 Jun 2019 06:58

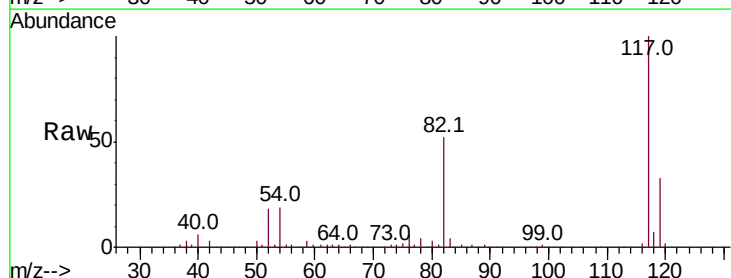
Tgt Ion: 117 Resp: 356227

Ion Ratio Lower Upper

117 100

82 52.4 41.2 61.8

119 32.5 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): VX010573.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX010573.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX010573.D (-1462) (-)

10.11

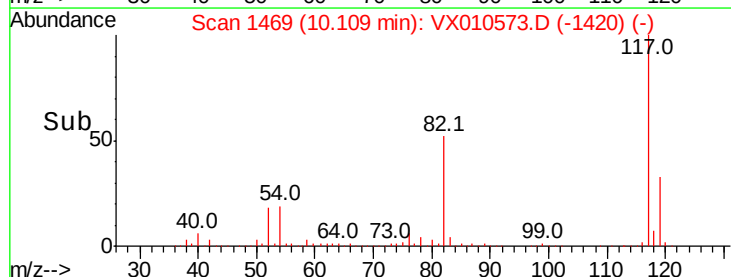
300000

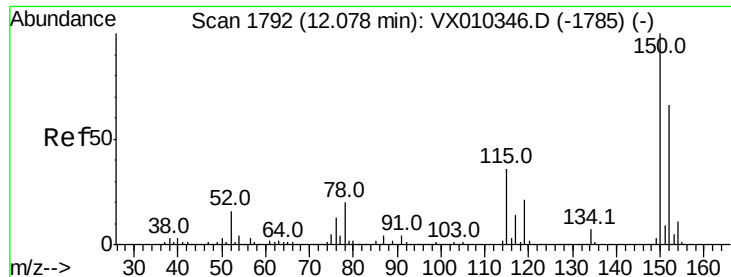
200000

100000

0

Time-->

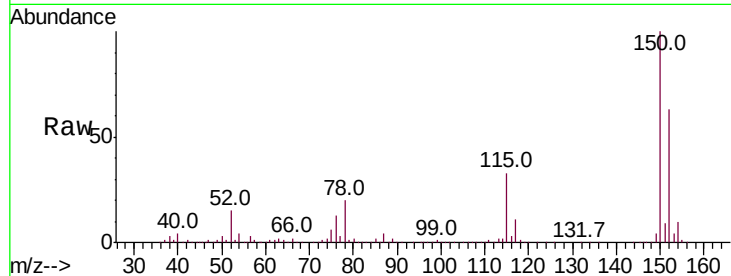




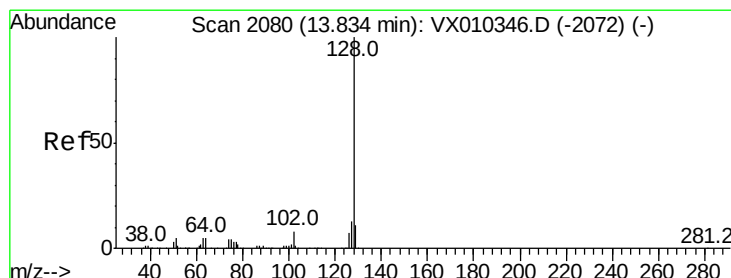
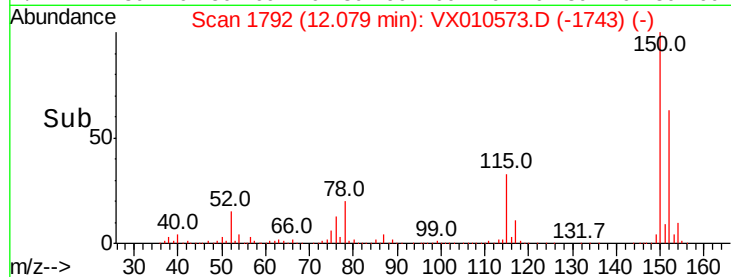
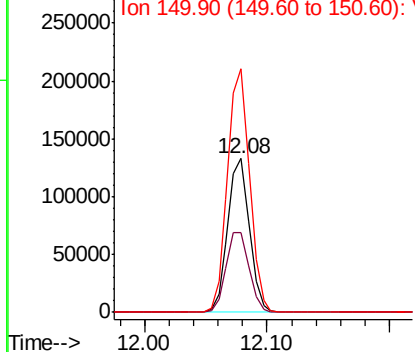
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX010573.D
 Acq: 29 Jun 2019 06:58

Instrument :
 MSVOA_X
 ClientSampleId :
 SU-01-062719-A

Tot Ion:152 Resp: 163359
 Ion Ratio Lower Upper
 152 100
 115 55.0 38.6 115.7
 150 160.8 0.0 347.4

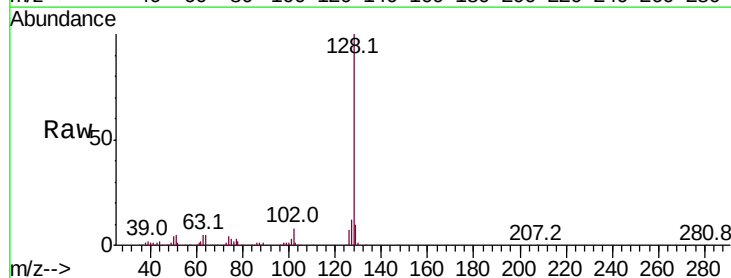


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V



#95
 Naphthalene
 Concen: 2.953 ug/l
 RT: 13.83 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX010573.D
 Acq: 29 Jun 2019 06:58

Tgt Ion:128 Resp: 33764
 Ion Ratio Lower Upper
 128 100
 127 13.1 10.2 15.4
 129 11.2 8.9 13.3



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

