

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062819\
 Data File : VX010574.D
 Acq On : 29 Jun 2019 07:21
 Operator : JC/SP
 Sample : K3163-16
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 53 Sample Multiplier: 1

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

Quant Time: Jul 01 04:03:05 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

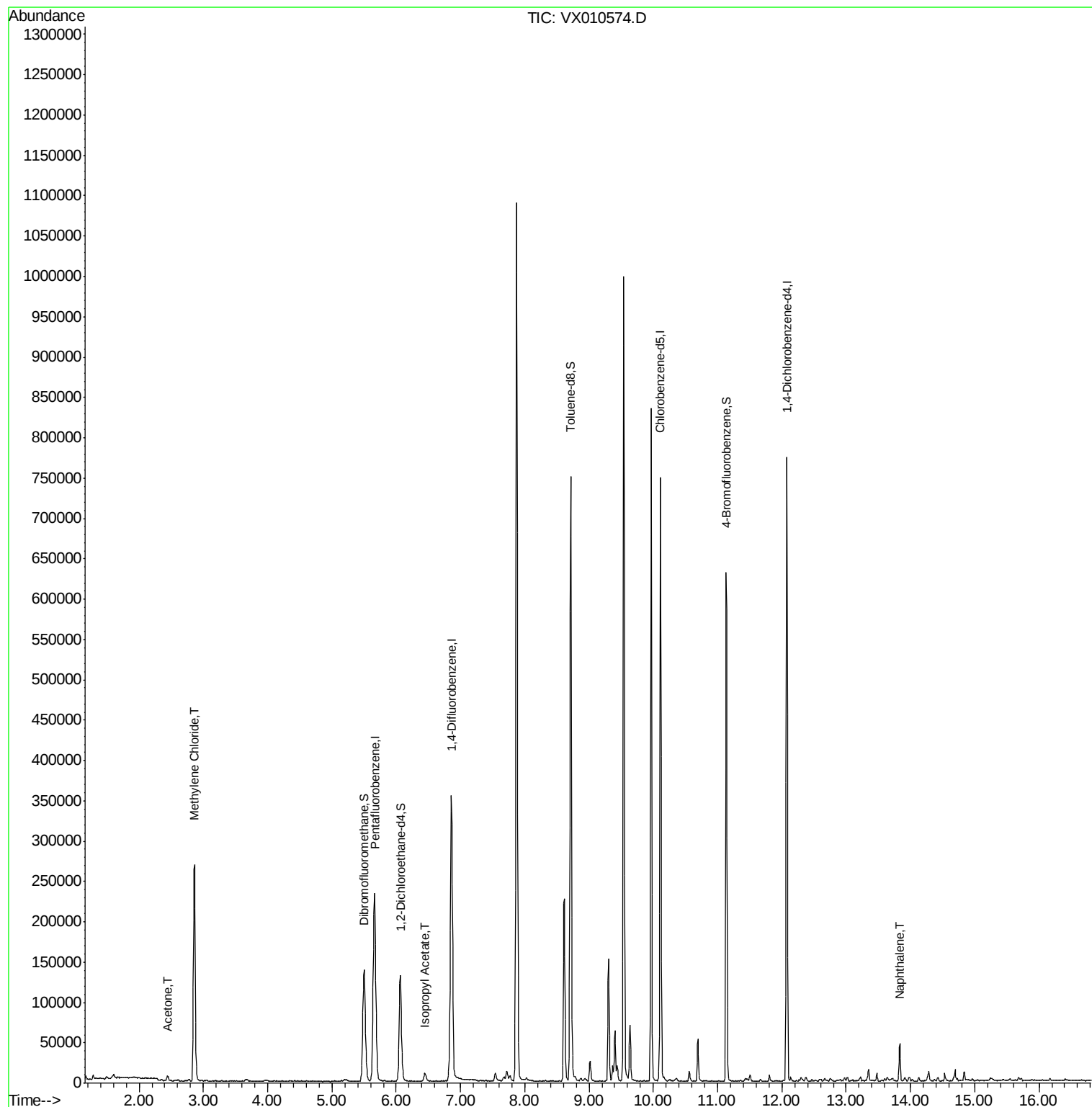
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	247240	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	385060	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	358948	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	168026	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	120314	51.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.80%	
35) Dibromofluoromethane	5.50	113	115335	48.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.92%	
50) Toluene-d8	8.71	98	461505	51.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.40%	
62) 4-Bromofluorobenzene	11.13	95	157293	48.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.68%	
Target Compounds						
16) Acetone	2.44	43	6721	5.785	ug/l	98
20) Methylene Chloride	2.86	84	136912	57.265	ug/l	98
43) Isopropyl Acetate	6.45	43	14749	2.832	ug/l	98
95) Naphthalene	13.83	128	29050	2.471	ug/l	99

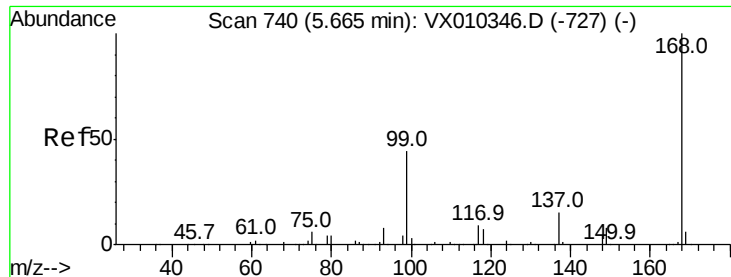
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX010574.D

Acq: 29 Jun 2019 07:21

Instrument :

MSVOA_X

ClientSampleId :

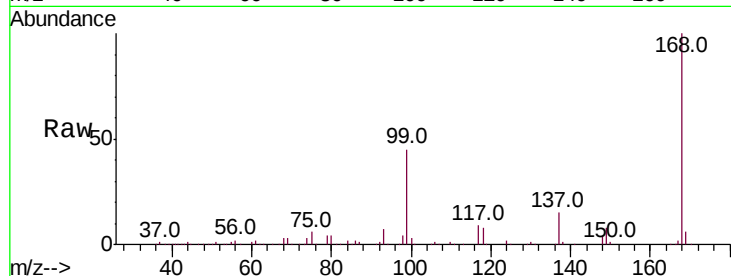
SU-01-062719-B

Tot Ion:168 Resp: 247240

Ion Ratio Lower Upper

168 100

99 45.5 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

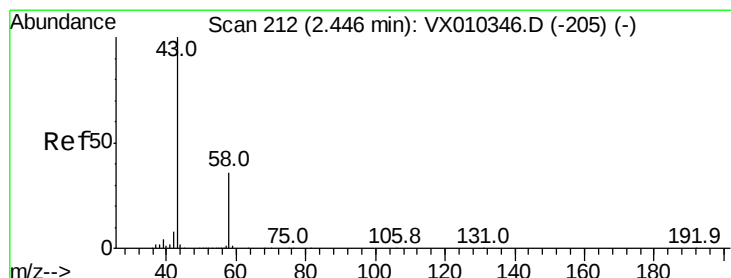
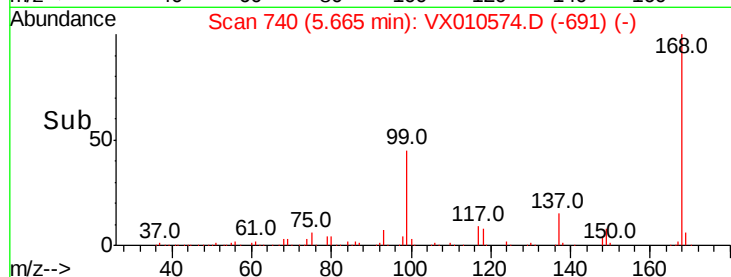
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 5.785 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010574.D

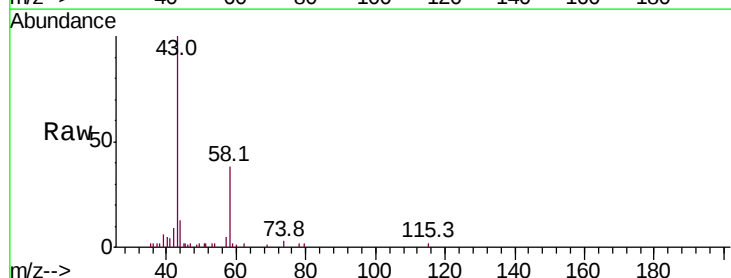
Acq: 29 Jun 2019 07:21

Tgt Ion: 43 Resp: 6721

Ion Ratio Lower Upper

43 100

58 37.5 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

4000

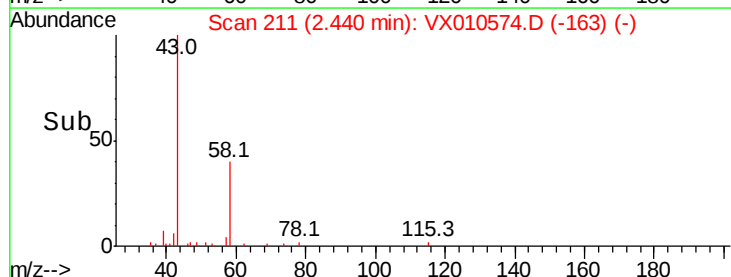
3000

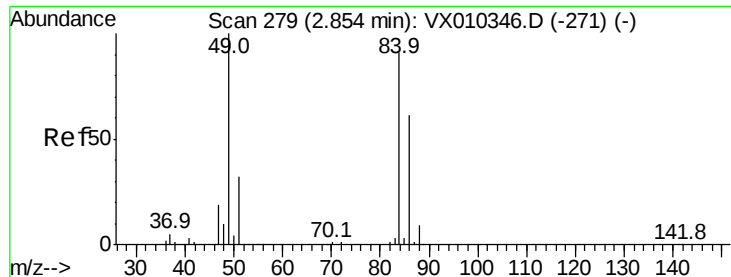
2000

1000

0

Time--> 2.35 2.40 2.45 2.50



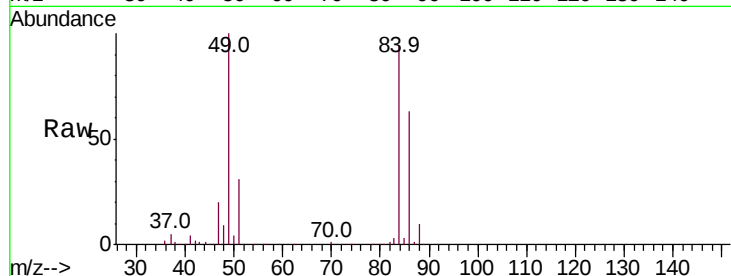


#20
Methvlene Chloride
Concen: 57.265 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX010574.D
Acq: 29 Jun 2019 07:21

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

Tot Ion: 84 Resp: 136912

Ion	Ratio	Lower	Upper
84	100		
49	106.1	87.5	131.3
51	33.2	27.7	41.5
86	67.3	53.4	80.0



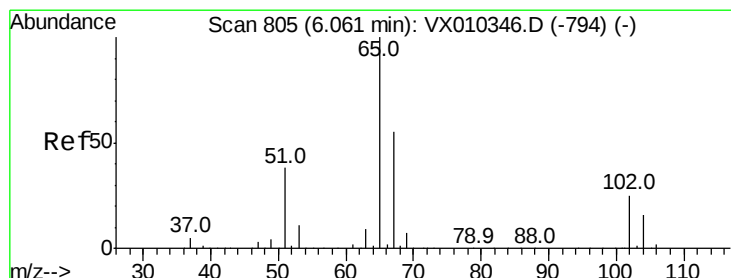
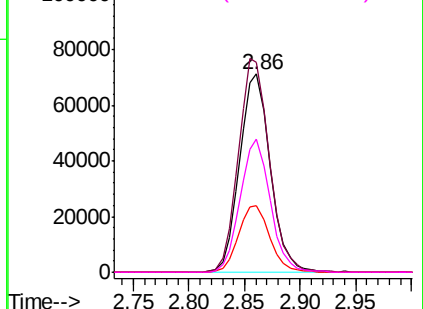
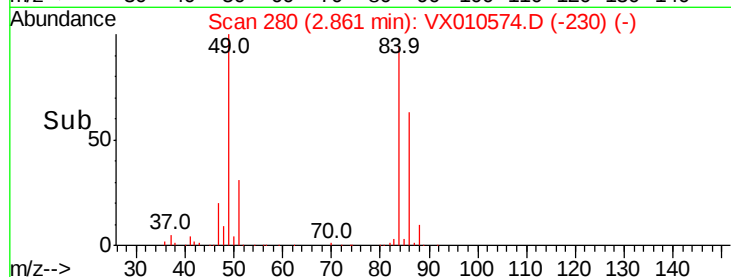
Abundance

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

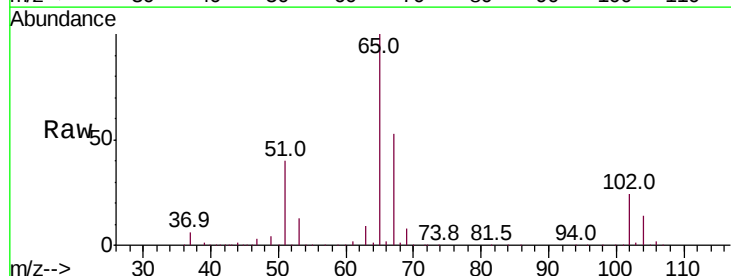
Ion 85.90 (85.60 to 86.60): VX0



#33
1,2-Dichloroethane-d4
Concen: 51.902 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX010574.D
Acq: 29 Jun 2019 07:21

Tgt Ion: 65 Resp: 120314

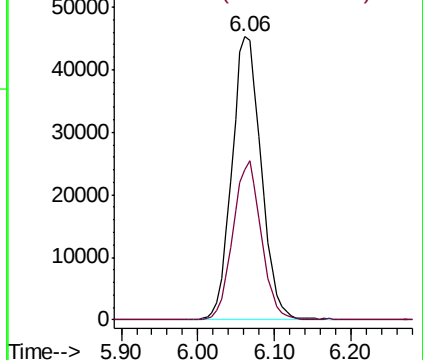
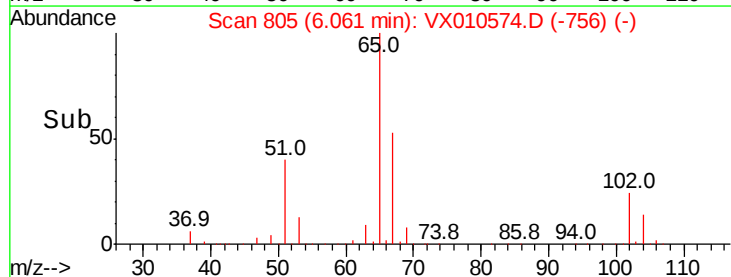
Ion	Ratio	Lower	Upper
65	100		
67	54.2	0.0	110.2

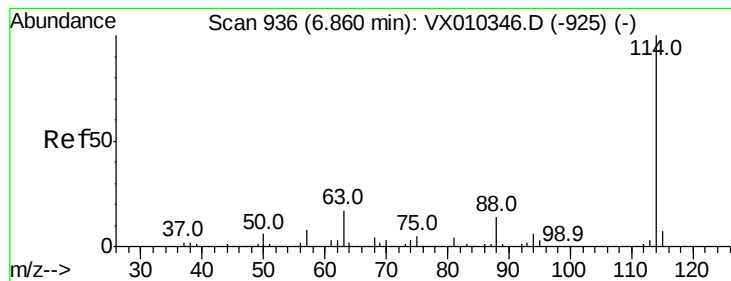


Abundance

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: VX010574.D

Acq: 29 Jun 2019 07:21

Instrument :

MSVOA_X

ClientSampleId :

SU-01-062719-B

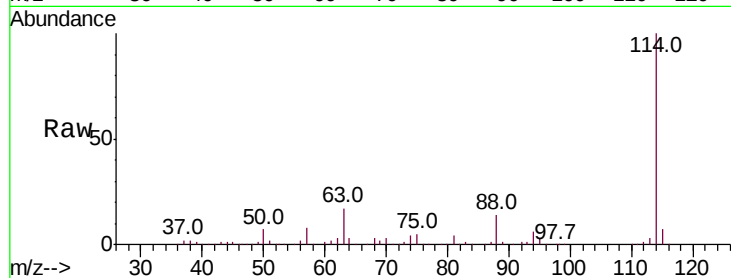
Tot Ion:114 Resp: 385060

Ion Ratio Lower Upper

114 100

63 17.2 0.0 33.8

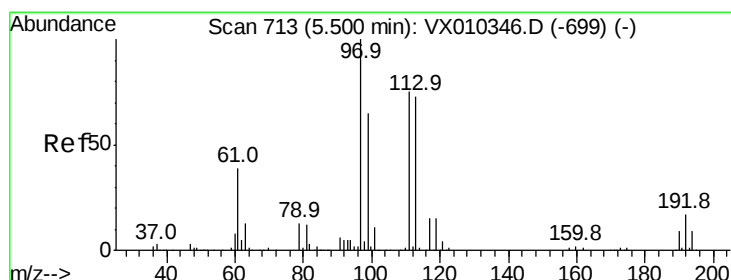
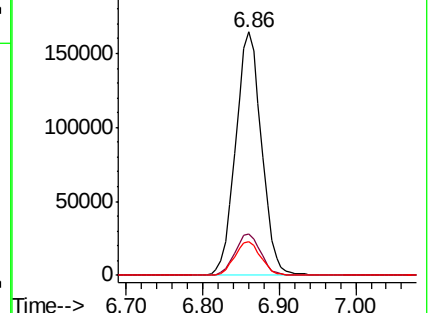
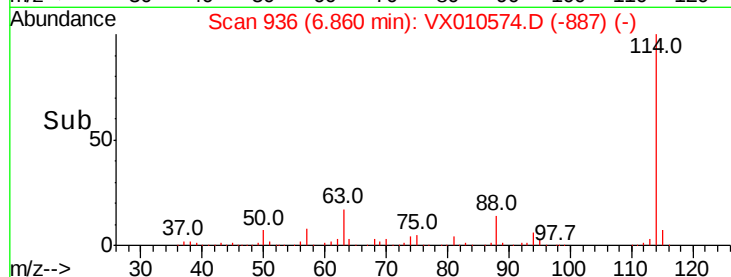
88 13.9 0.0 27.6



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: 48.955 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010574.D

Acq: 29 Jun 2019 07:21

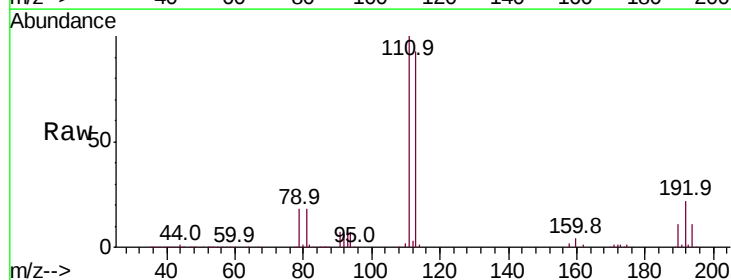
Tgt Ion:113 Resp: 115335

Ion Ratio Lower Upper

113 100

111 103.0 81.2 121.8

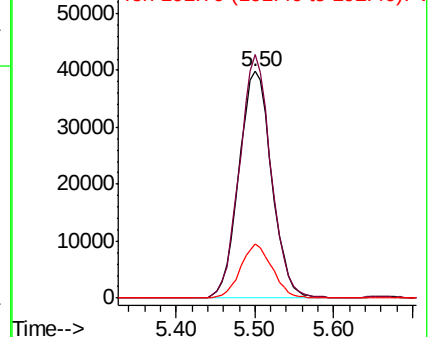
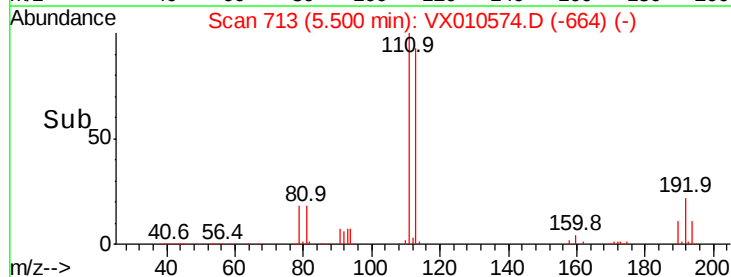
192 22.9 18.6 27.8

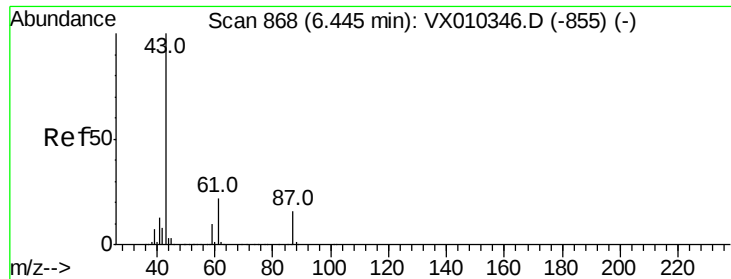


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.832 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX010574.D

Acq: 29 Jun 2019 07:21

Instrument :

MSVOA_X

ClientSampleId :

SU-01-062719-B

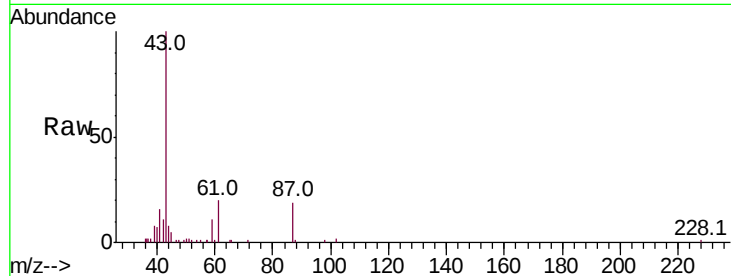
Tot Ion: 43 Resp: 14749

Ion Ratio Lower Upper

43 100

61 20.9 17.8 26.6

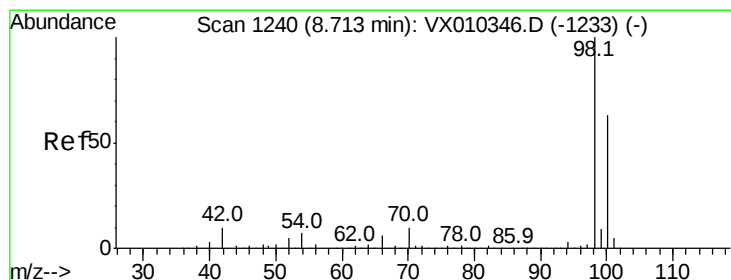
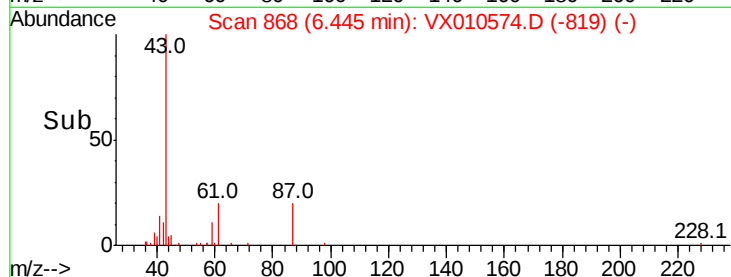
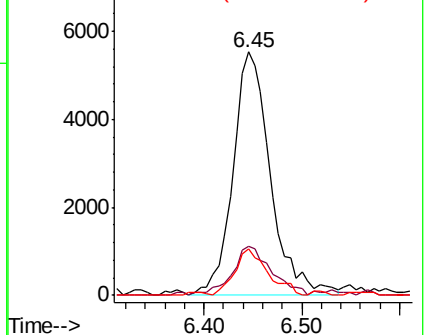
87 16.8 13.0 19.4



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: 51.202 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010574.D

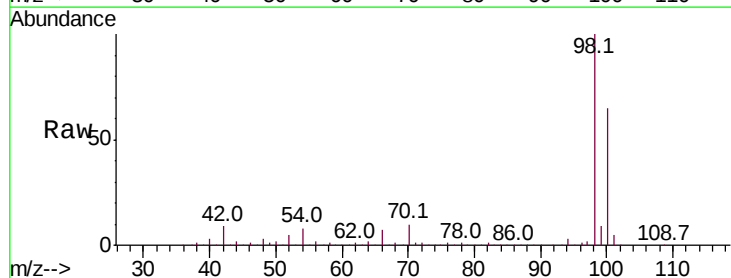
Acq: 29 Jun 2019 07:21

Tgt Ion: 98 Resp: 461505

Ion Ratio Lower Upper

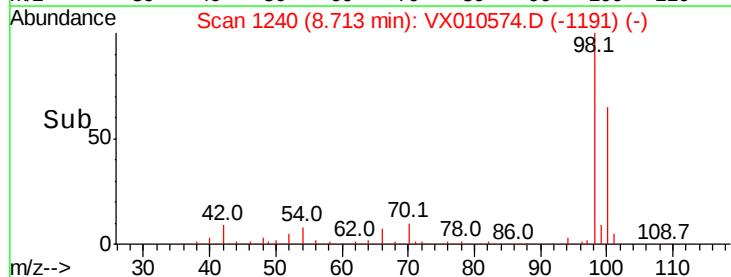
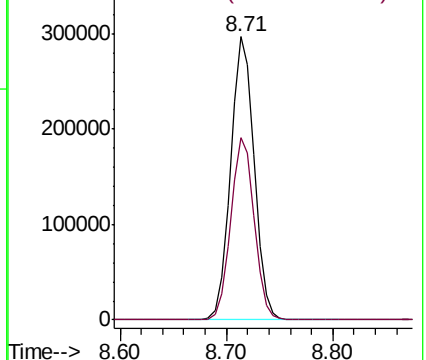
98 100

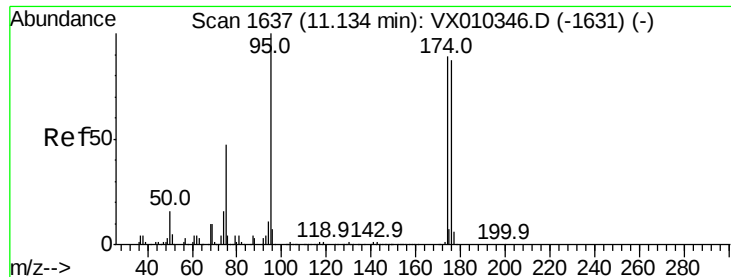
100 64.2 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

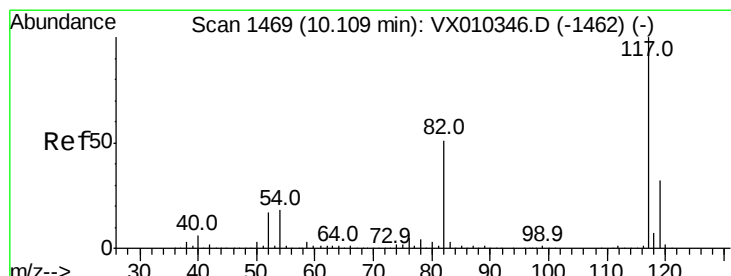
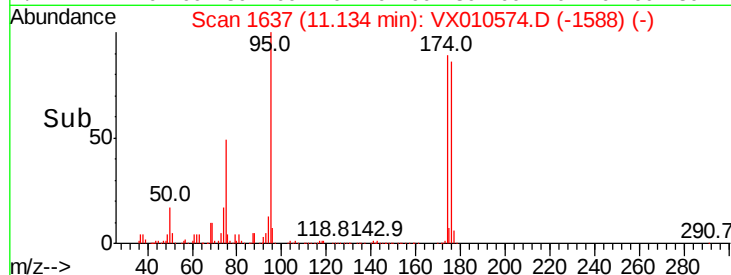
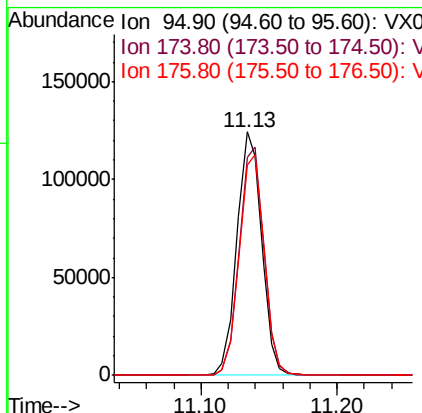
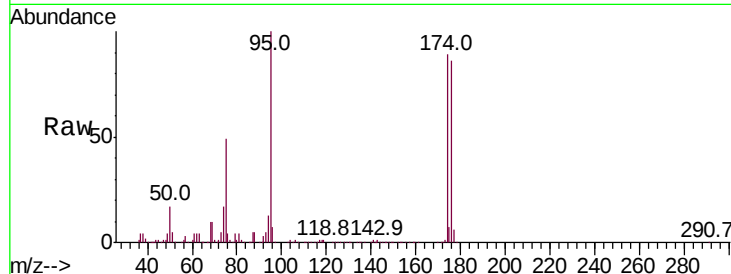




#62
4-Bromofluorobenzene
Concen: 48.337 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010574.D
Acq: 29 Jun 2019 07:21

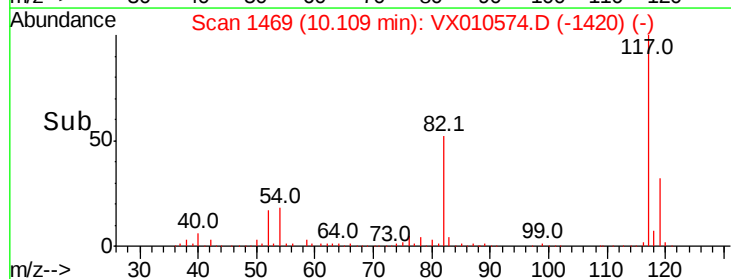
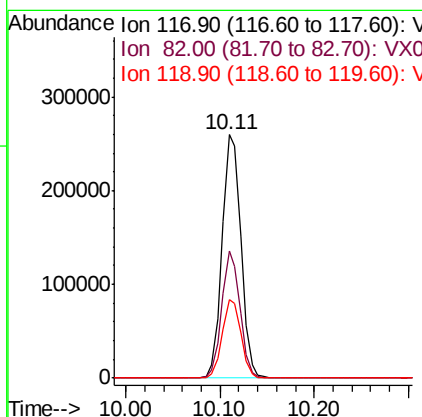
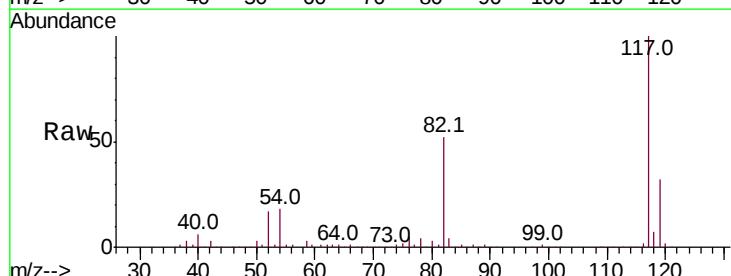
Instrument :
MSVOA_X
ClientSampleId :
SU-01-062719-B

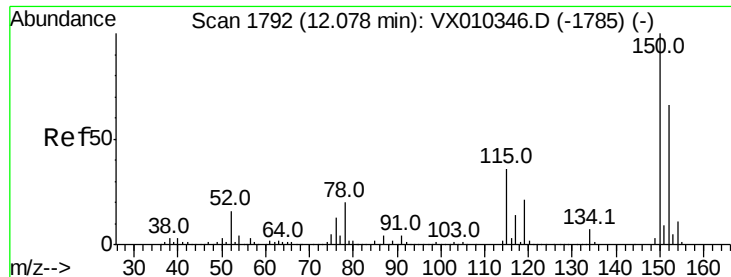
Tot Ion: 95 Resp: 157293
Ion Ratio Lower Upper
95 100
174 93.7 0.0 187.6
176 91.6 0.0 184.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010574.D
Acq: 29 Jun 2019 07:21

Tgt Ion: 117 Resp: 358948
Ion Ratio Lower Upper
117 100
82 52.4 41.2 61.8
119 32.2 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010574.D

Acq: 29 Jun 2019 07:21

Instrument :

MSVOA_X

ClientSampleId :

SU-01-062719-B

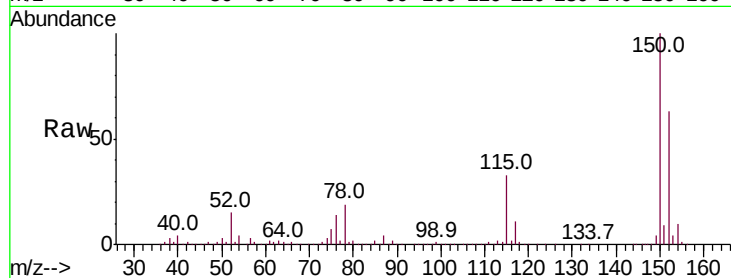
Tot Ion:152 Resp: 168026

Ion Ratio Lower Upper

152 100

115 54.2 38.6 115.7

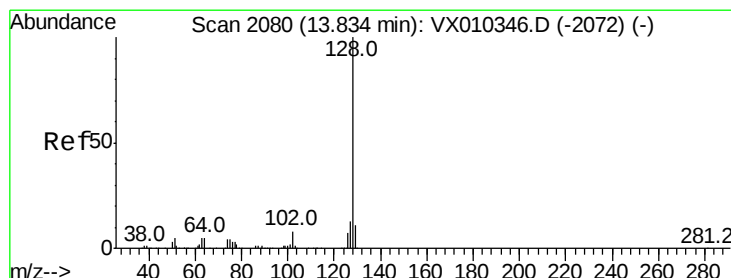
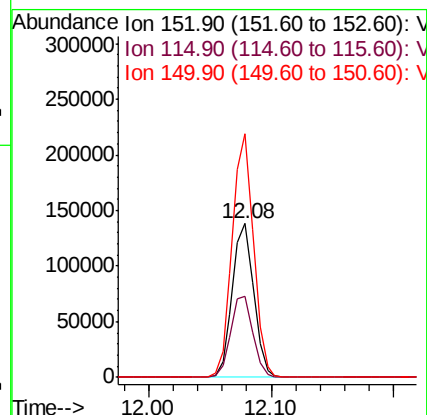
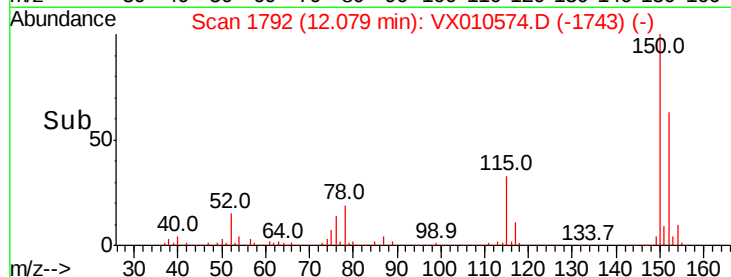
150 156.5 0.0 347.4



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: 2.471 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010574.D

Acq: 29 Jun 2019 07:21

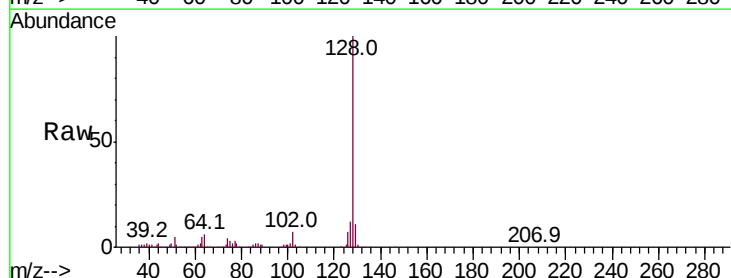
Tgt Ion:128 Resp: 29050

Ion Ratio Lower Upper

128 100

127 12.5 10.2 15.4

129 10.8 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

