

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051619\
 Data File : VX009621.D
 Acq On : 16 May 2019 20:39
 Operator : JC/SP
 Sample : K2865-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-22-D

Quant Time: May 17 07:29:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

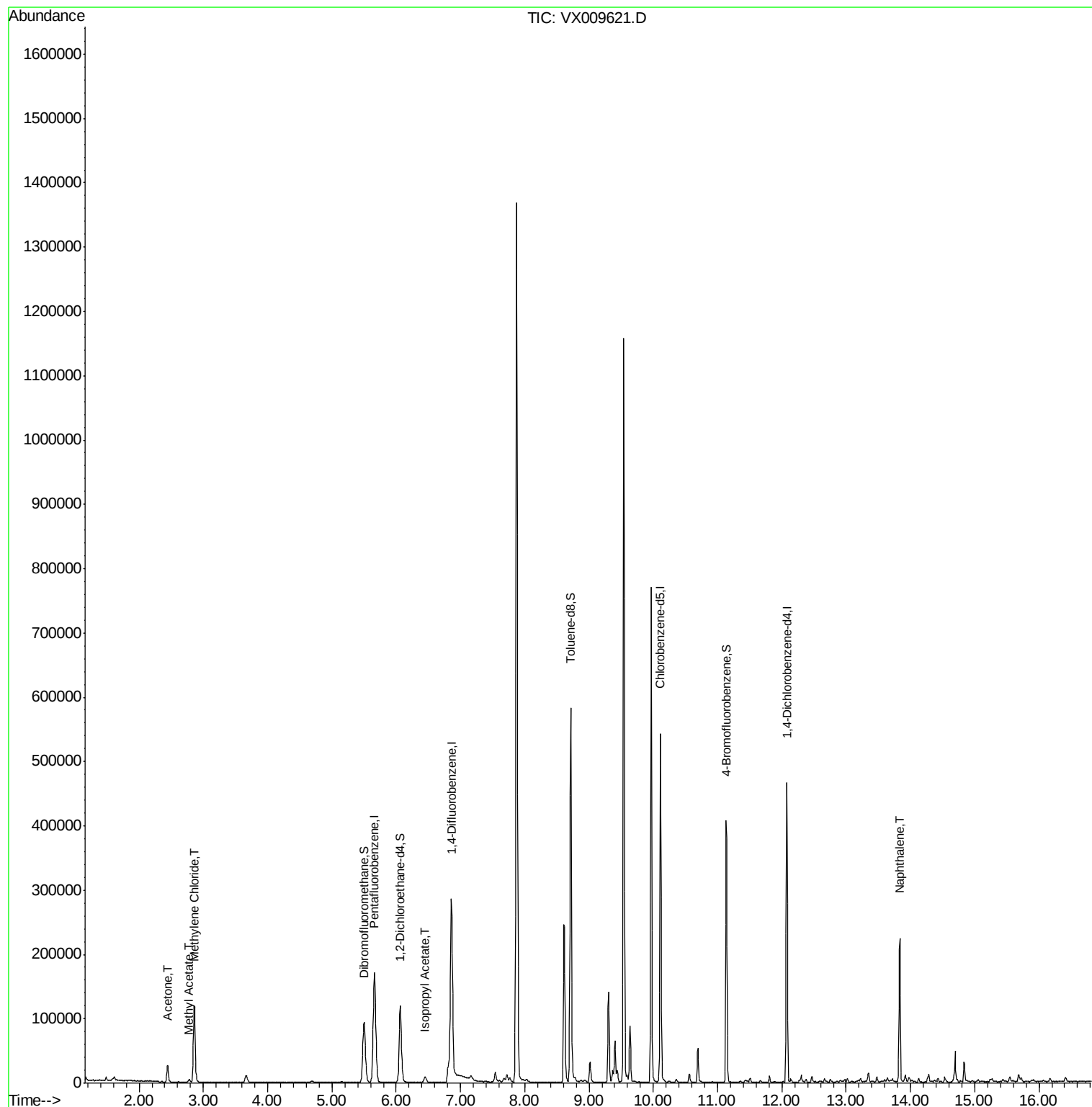
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	166266	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	264622	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	233190	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	94837	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	111042	48.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.84%	
35) Dibromofluoromethane	5.50	113	80947	48.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.32%	
50) Toluene-d8	8.71	98	337578	50.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.52%	
62) 4-Bromofluorobenzene	11.13	95	107867	44.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.40%	
Target Compounds						
16) Acetone	2.44	43	29935	24.562	ug/l	96
18) Methyl Acetate	2.78	43	5425	1.872	ug/l	96
20) Methylene Chloride	2.86	84	54524	27.630	ug/l	96
43) Isopropyl Acetate	6.45	43	11894	2.170	ug/l	96
95) Naphthalene	13.83	128	136124	19.686	ug/l	100

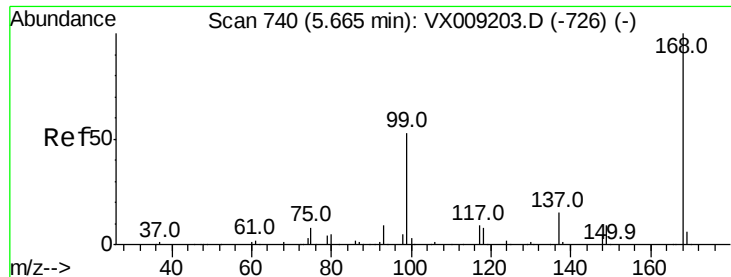
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu May 09 07:31:15 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: VX009621.D

Acq: 16 May 2019 20:39

Instrument :

MSVOA_X

ClientSampleId :

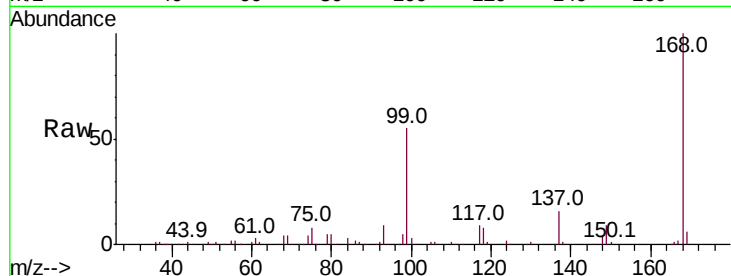
TP-22-D

Tot Ion:168 Resp: 166266

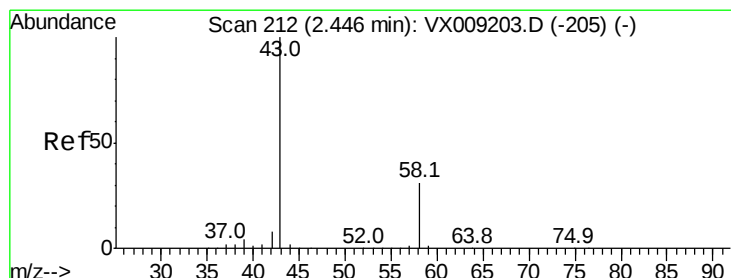
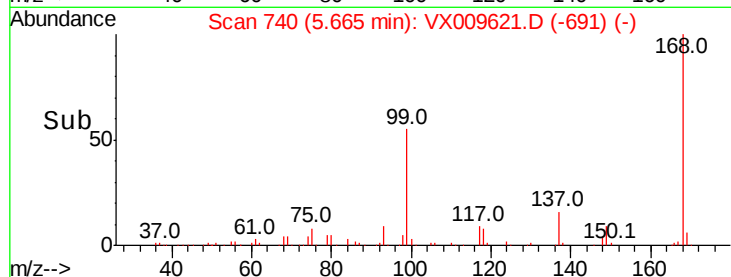
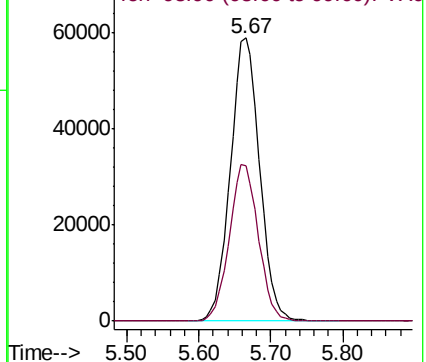
Ion Ratio Lower Upper

168 100

99 54.8 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VX009621.D (-163) (-)



#16

Acetone

Concen: 24.562 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009621.D

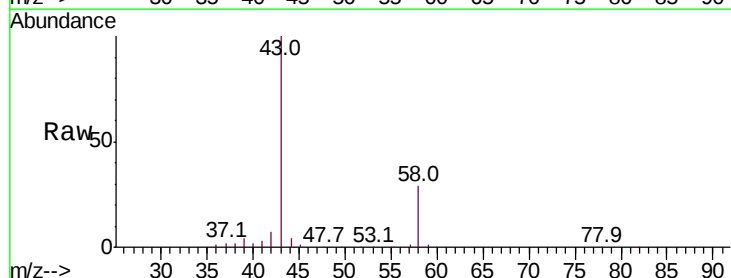
Acq: 16 May 2019 20:39

Tgt Ion: 43 Resp: 29935

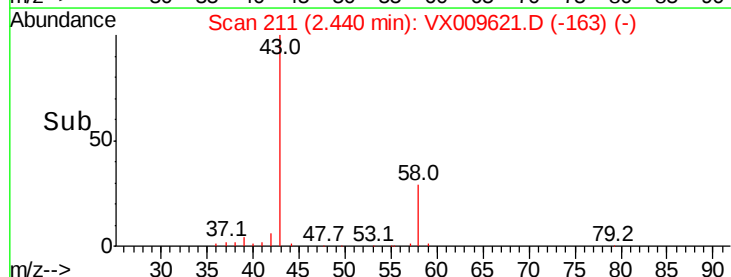
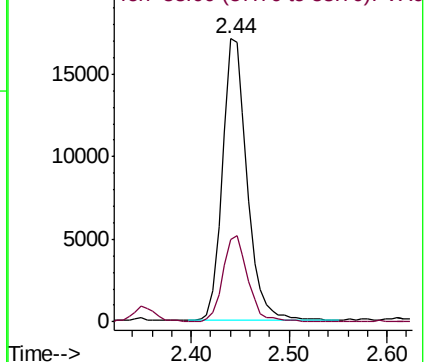
Ion Ratio Lower Upper

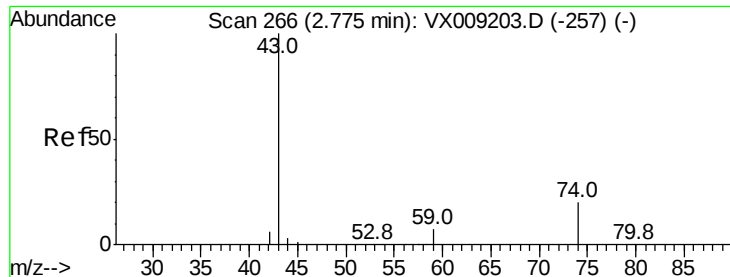
43 100

58 28.9 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX009621.D (-163) (-)

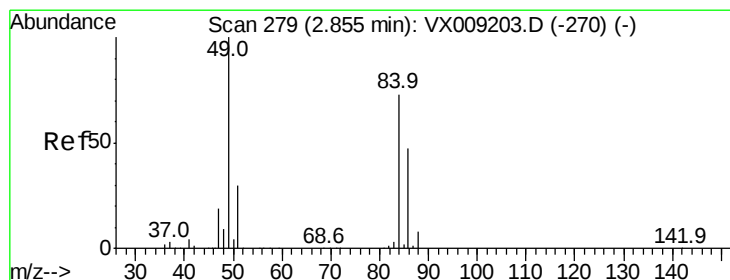
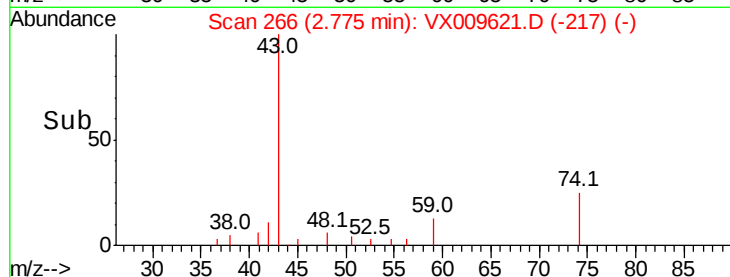
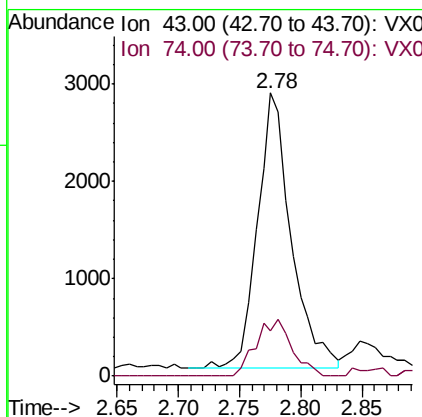
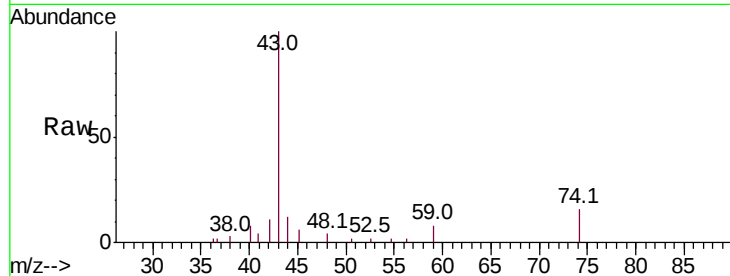




#18
Methvl Acetate
Concen: 1.872 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX009621.D
Acq: 16 May 2019 20:39

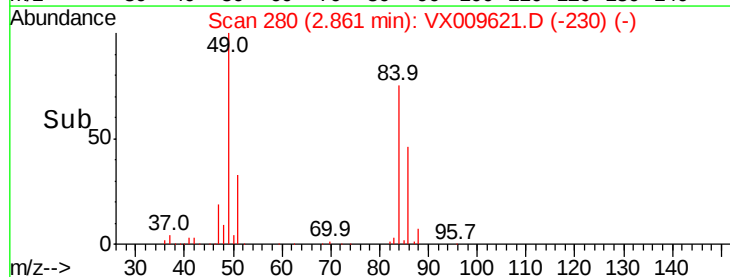
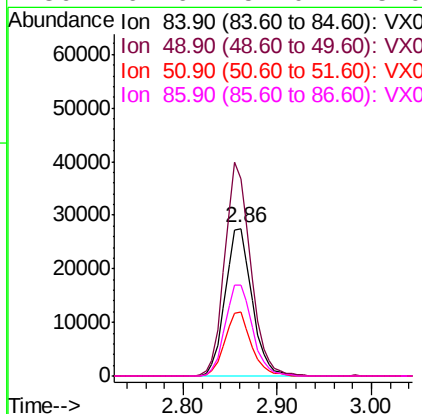
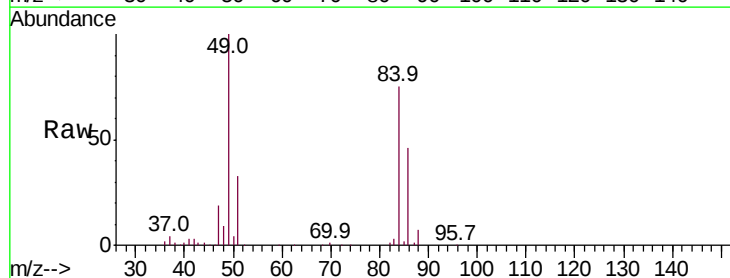
Instrument :
MSVOA_X
ClientSampleId :
TP-22-D

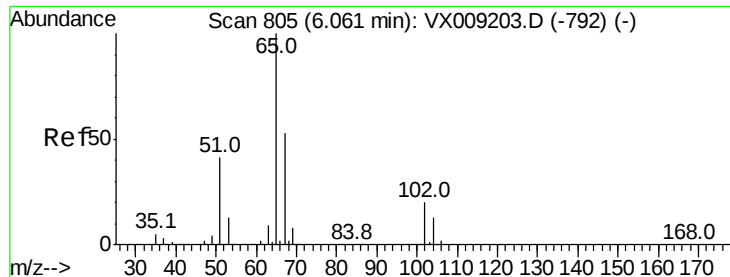
Tot Ion: 43 Resp: 5425
Ion Ratio Lower Upper
43 100
74 22.0 16.2 24.4



#20
Methylene Chloride
Concen: 27.630 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX009621.D
Acq: 16 May 2019 20:39

Tgt Ion: 84 Resp: 54524
Ion Ratio Lower Upper
84 100
49 133.2 109.9 164.9
51 43.6 32.7 49.1
86 61.6 52.0 78.0





#33

1,2-Dichloroethane-d4

Concen: 48.923 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009621.D

Acq: 16 May 2019 20:39

Instrument :

MSVOA_X

ClientSampleId :

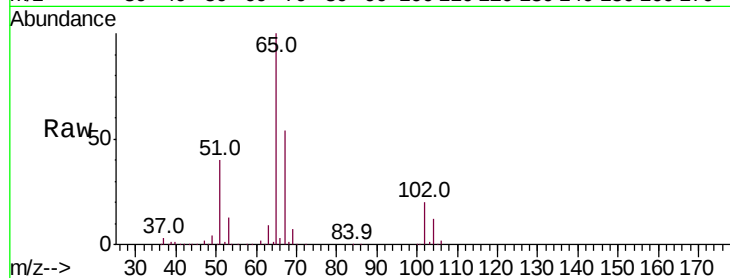
TP-22-D

Tot Ion: 65 Resp: 111042

Ion Ratio Lower Upper

65 100

67 53.0 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

40000

30000

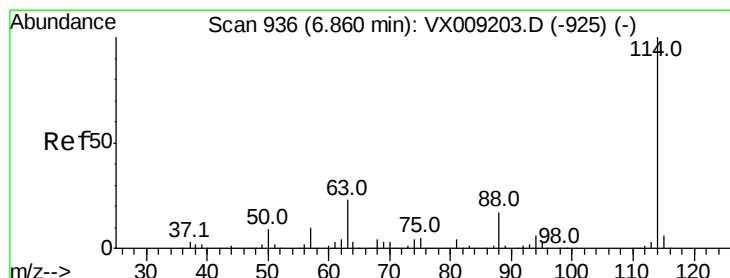
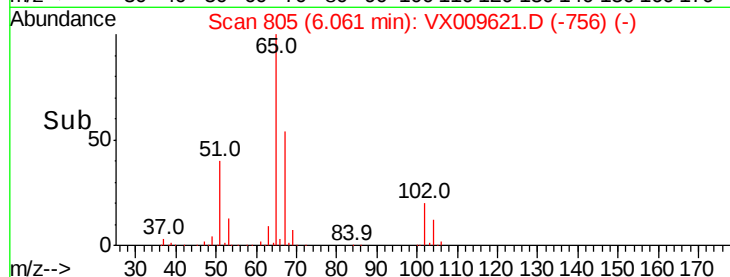
20000

10000

0

Time-->

6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX009621.D

Acq: 16 May 2019 20:39

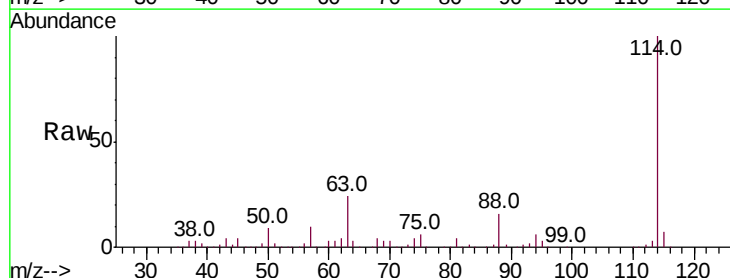
Tgt Ion:114 Resp: 264622

Ion Ratio Lower Upper

114 100

63 23.7 0.0 45.6

88 16.4 0.0 33.2



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

6.86

150000

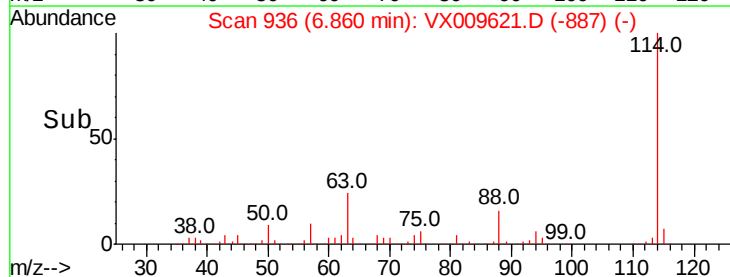
100000

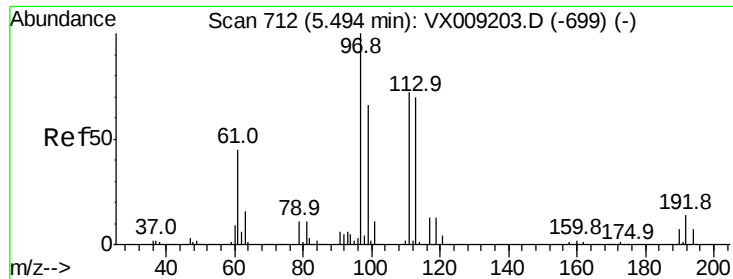
50000

0

Time-->

6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 48.660 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009621.D

Acq: 16 May 2019 20:39

Instrument :

MSVOA_X

ClientSampleId :

TP-22-D

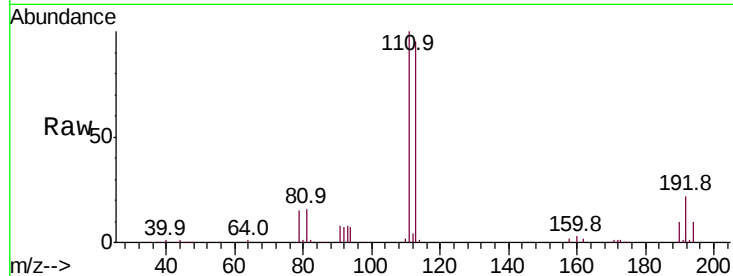
Tot Ion:113 Resp: 80947

Ion Ratio Lower Upper

113 100

111 103.5 82.8 124.2

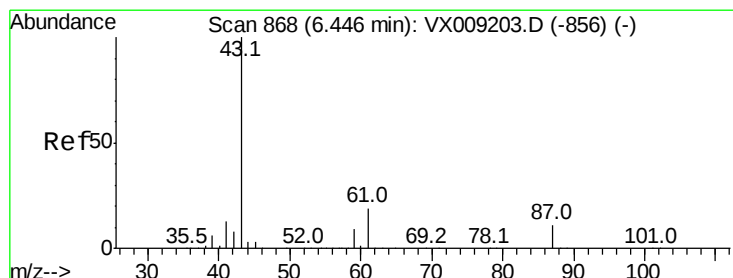
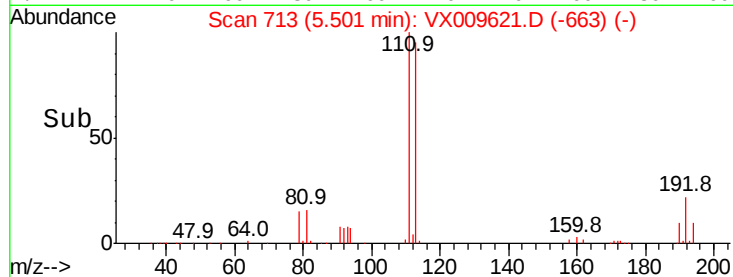
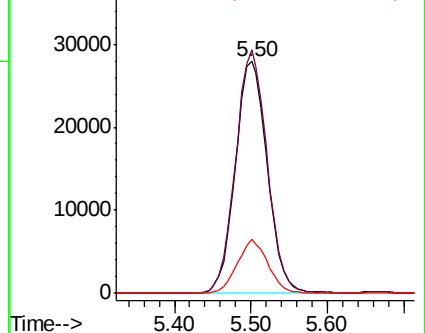
192 22.2 17.0 25.6



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: 2.170 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX009621.D

Acq: 16 May 2019 20:39

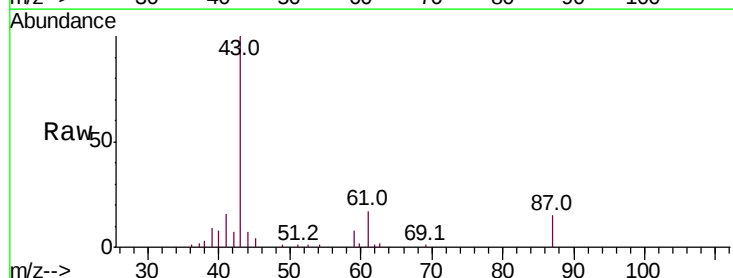
Tgt Ion: 43 Resp: 11894

Ion Ratio Lower Upper

43 100

61 20.9 15.1 22.7

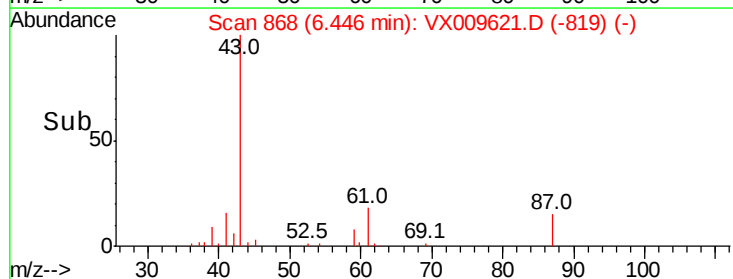
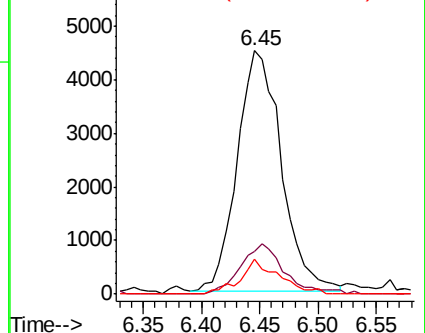
87 12.6 9.0 13.6

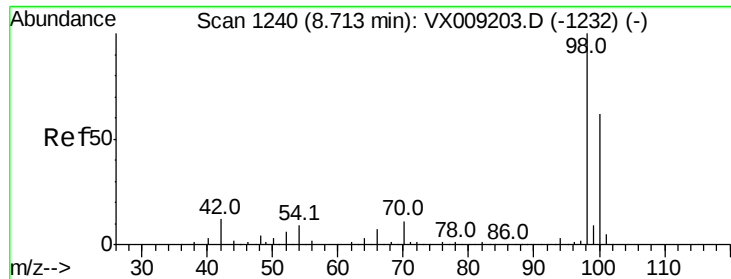


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

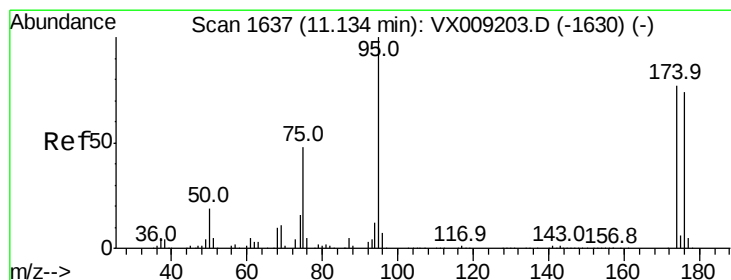
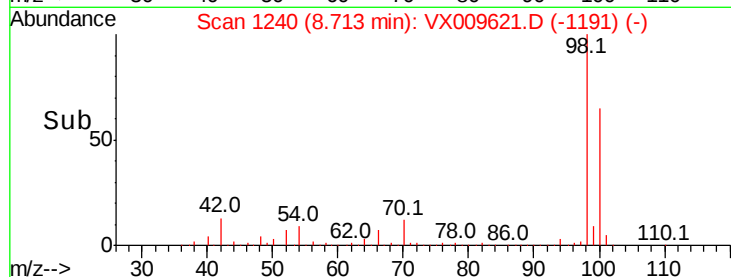
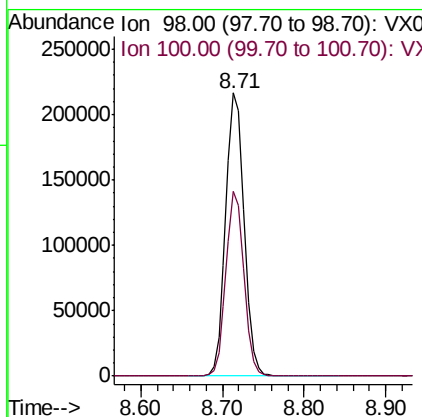
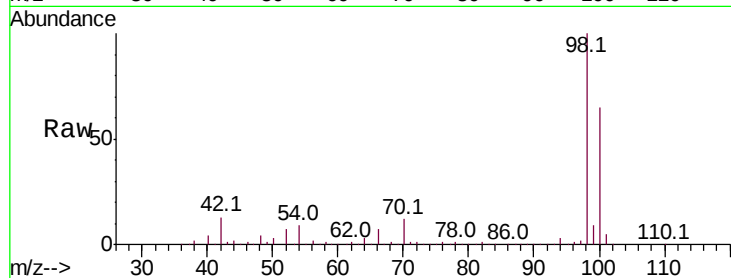




#50
Toluene-d8
Concen: 50.264 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009621.D
Acq: 16 May 2019 20:39

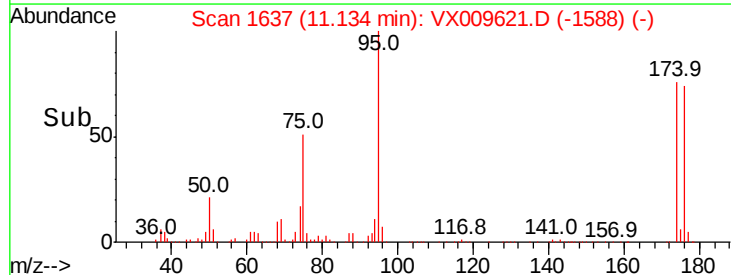
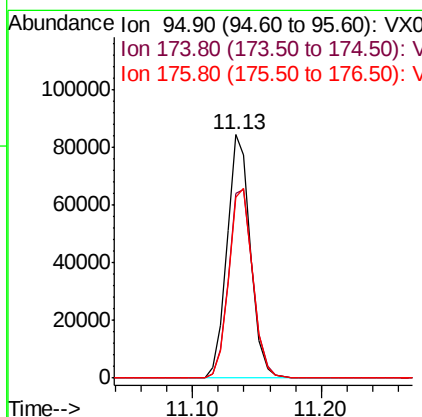
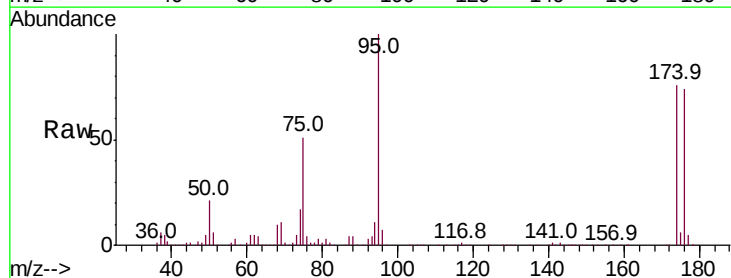
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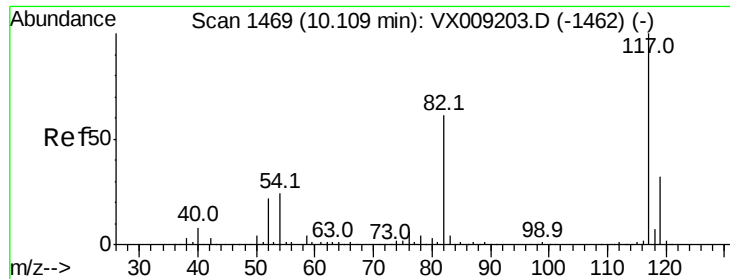
Tot Ion: 98 Resp: 337578
Ion Ratio Lower Upper
98 100
100 63.6 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 44.201 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX009621.D
Acq: 16 May 2019 20:39

Tgt Ion: 95 Resp: 107867
Ion Ratio Lower Upper
95 100
174 80.7 0.0 161.6
176 79.5 0.0 159.2

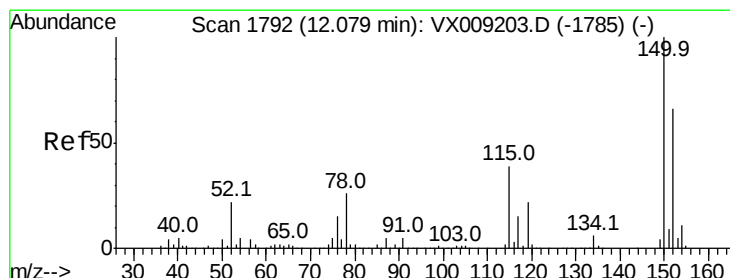
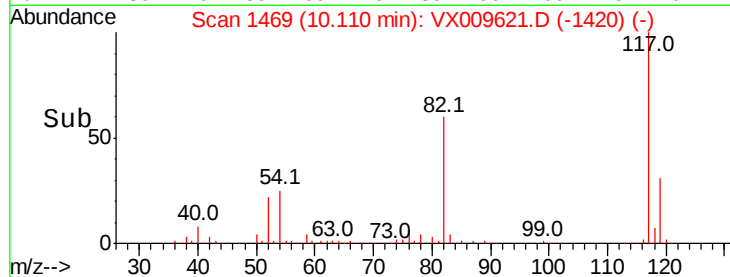
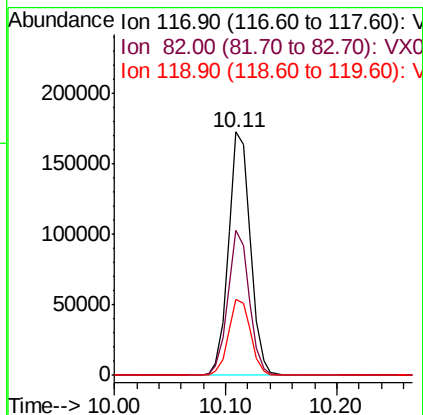
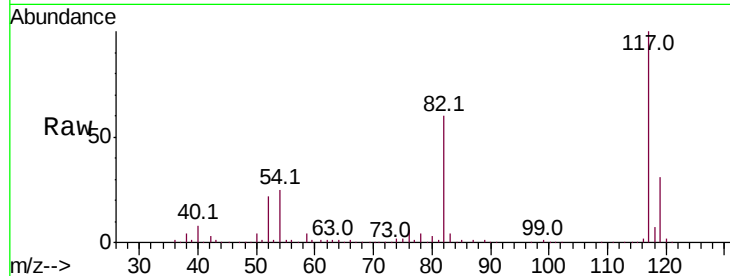




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009621.D
Acq: 16 May 2019 20:39

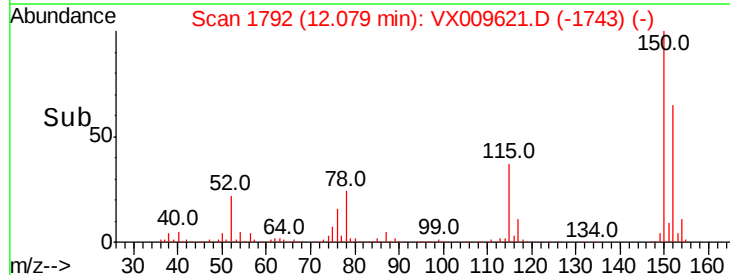
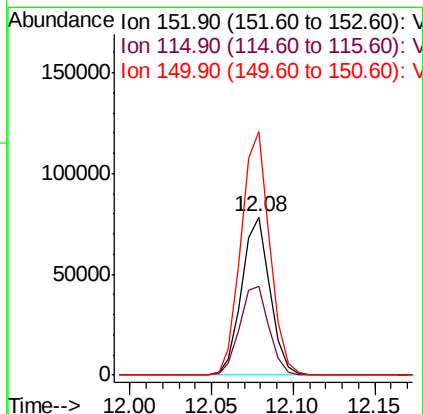
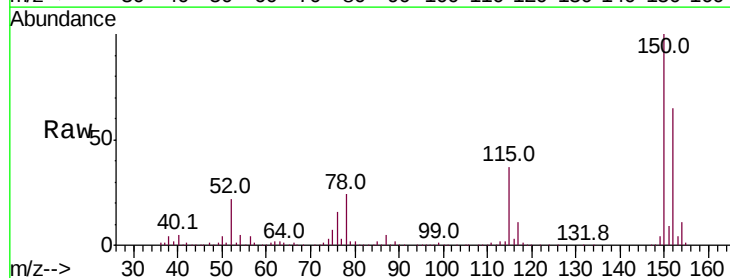
Instrument :
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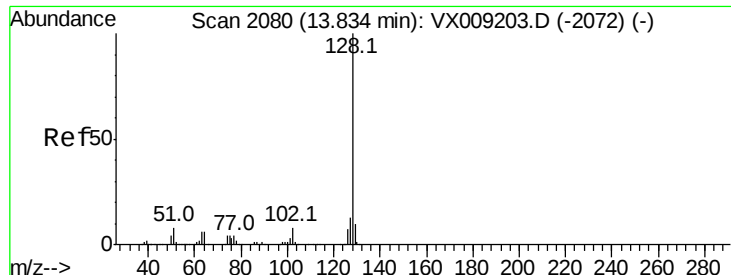
Tot Ion:117 Resp: 233190
Ion Ratio Lower Upper
117 100
82 59.7 48.8 73.2
119 31.2 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009621.D
Acq: 16 May 2019 20:39

Tgt Ion:152 Resp: 94837
Ion Ratio Lower Upper
152 100
115 58.5 41.2 123.6
150 156.1 0.0 346.4





#95

Naphthalene

Concen: 19.686 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX009621.D

Acq: 16 May 2019 20:39

Instrument :

MSVOA_X

ClientSampleId :

TP-22-D

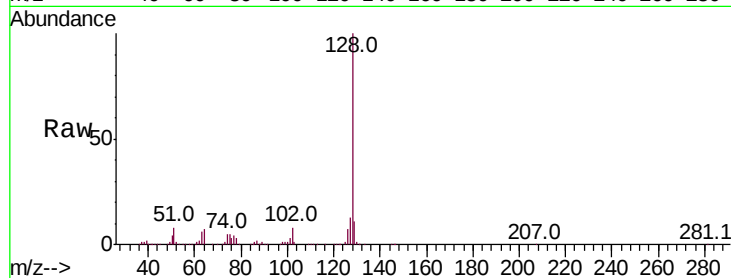
Tot Ion:128 Resp: 136124

Ion Ratio Lower Upper

128 100

127 13.3 10.4 15.6

129 10.8 8.6 13.0



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

