

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020519\
 Data File : VX007379.D
 Acq On : 05 Feb 2019 16:18
 Operator : JC/SP
 Sample : PB116824ZHE#05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB116824ZHE#05

Quant Time: Feb 06 01:16:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

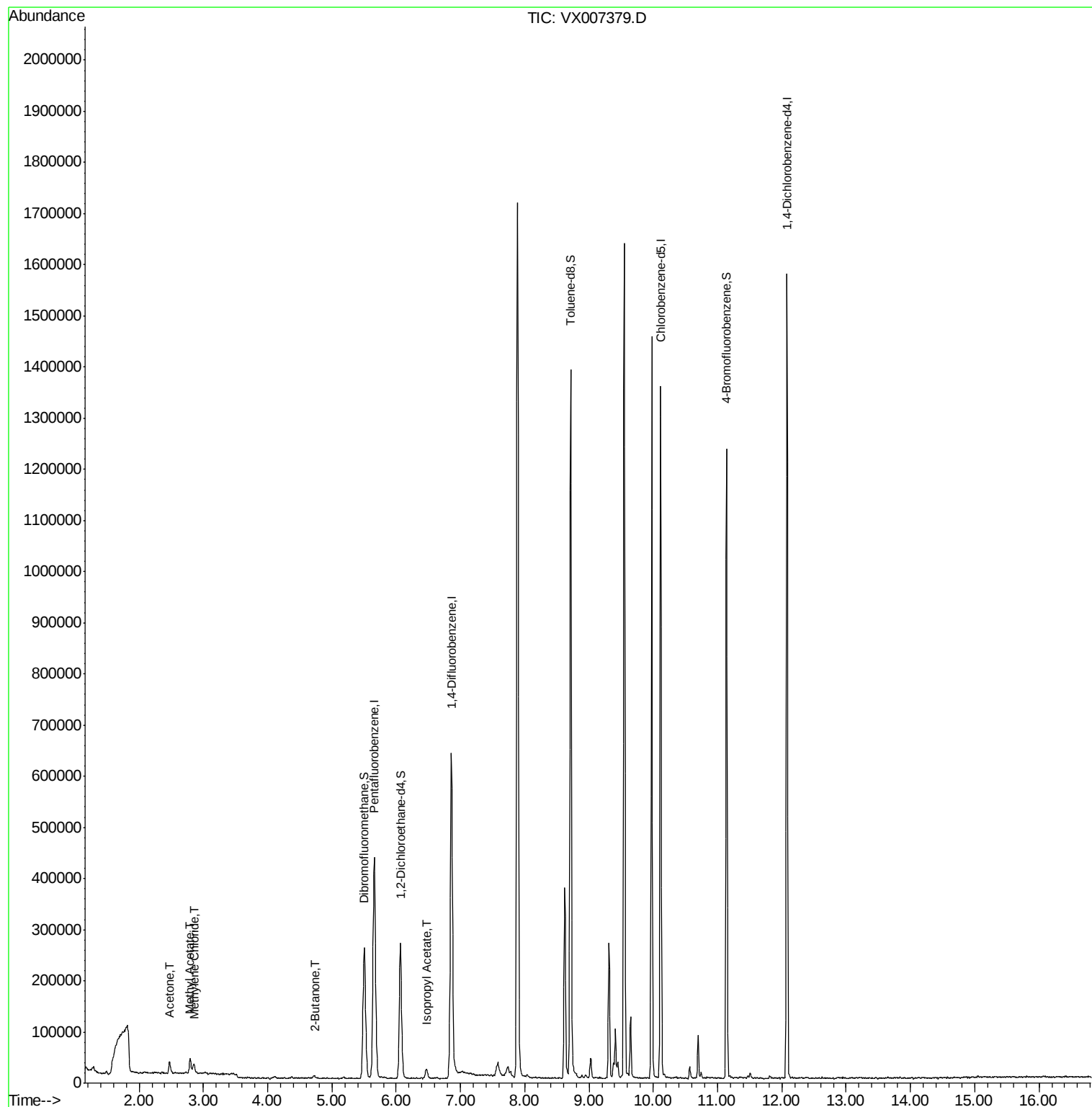
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	443241	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	689902	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	649765	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	333760	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	244391	51.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.90%	
35) Dibromofluoromethane	5.51	113	216745	48.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.56%	
50) Toluene-d8	8.71	98	839907	50.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.86%	
62) 4-Bromofluorobenzene	11.14	95	297045	48.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.70%	
Target Compounds						
16) Acetone	2.48	43	25634	11.895	ug/l	93
18) Methyl Acetate	2.79	43	41811	7.951	ug/l	99
20) Methylene Chloride	2.85	84	10592	2.029	ug/l #	85
25) 2-Butanone	4.73	43	10923	3.562	ug/l	100
43) Isopropyl Acetate	6.47	43	23317	2.414	ug/l #	92

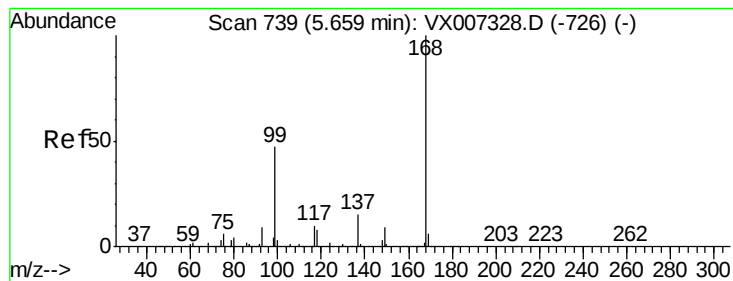
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX007379.D

Acq: 05 Feb 2019 16:18

Instrument :

MSVOA_X

ClientSampleId :

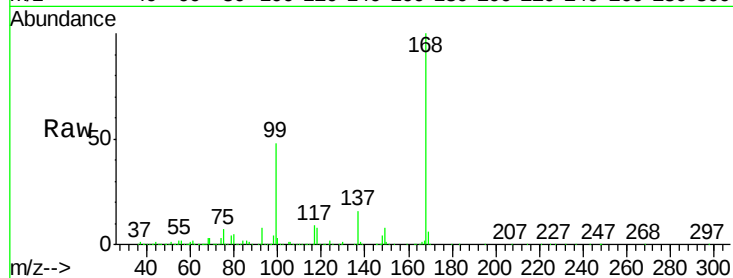
PB116824ZHE#05

Tot Ion:168 Resp: 443241

Ion Ratio Lower Upper

168 100

99 47.7 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

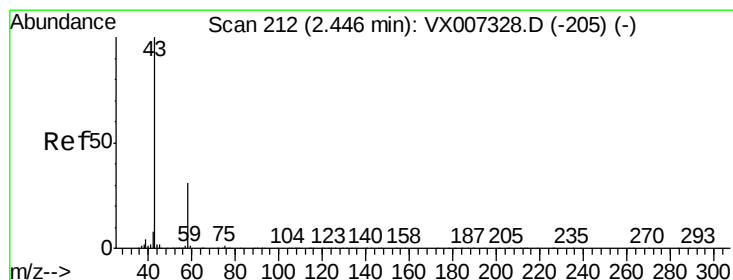
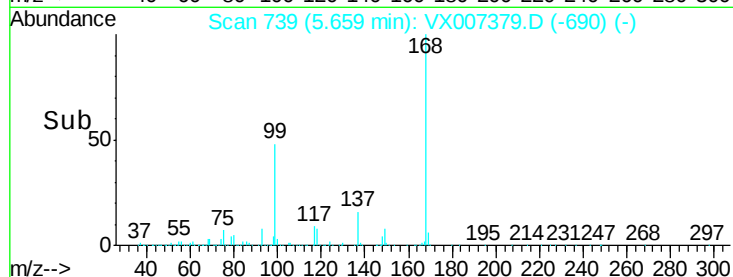
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 11.895 ug/l

RT: 2.48 min Scan# 217

Delta R.T. 0.03 min

Lab File: VX007379.D

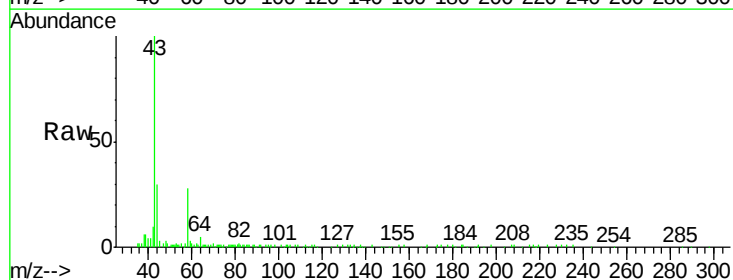
Acq: 05 Feb 2019 16:18

Tgt Ion: 43 Resp: 25634

Ion Ratio Lower Upper

43 100

58 27.4 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.48

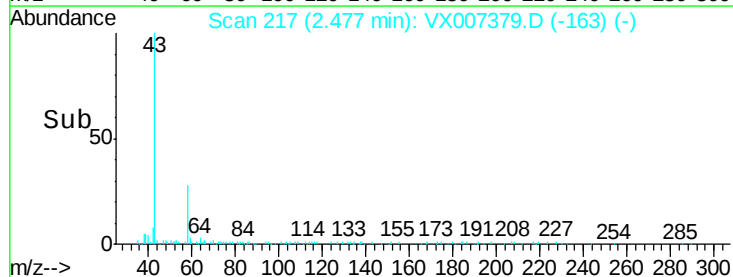
15000

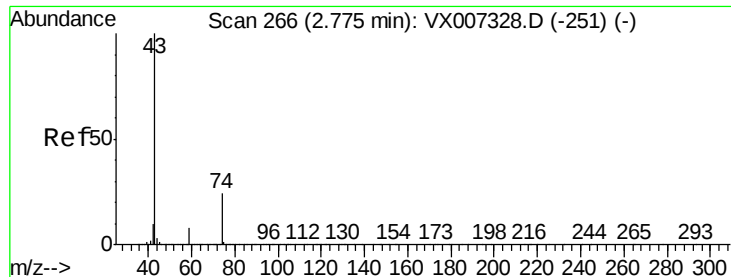
10000

5000

0

Time--> 2.40 2.50

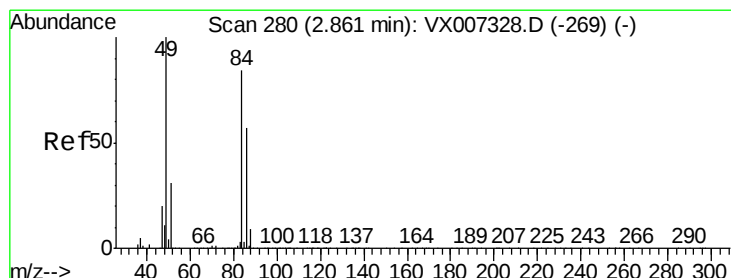
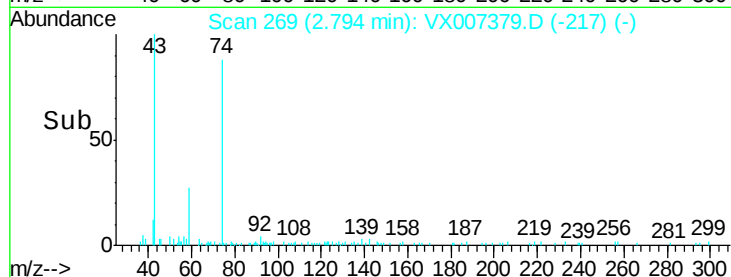
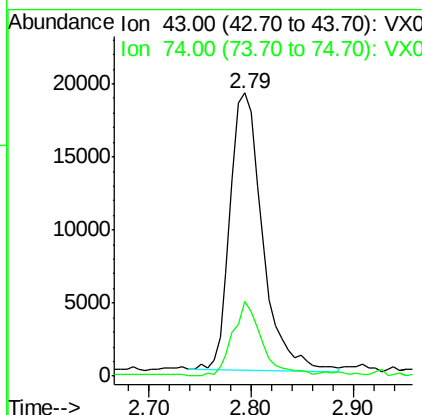
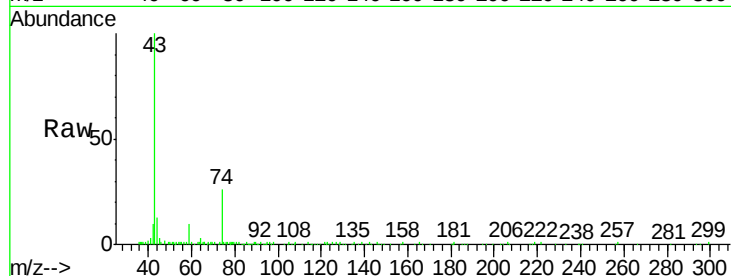




#18
Methyl Acetate
Concen: 7.951 ug/l
RT: 2.79 min Scan# 269
Delta R.T. 0.02 min
Lab File: VX007379.D
Acq: 05 Feb 2019 16:18

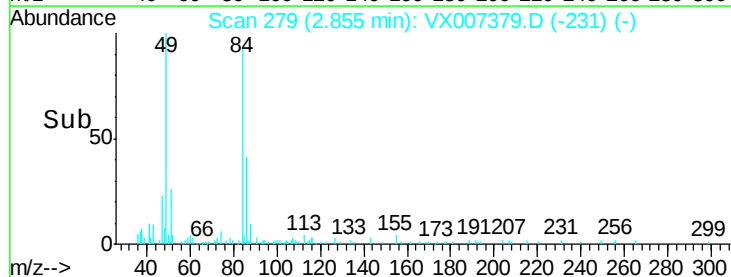
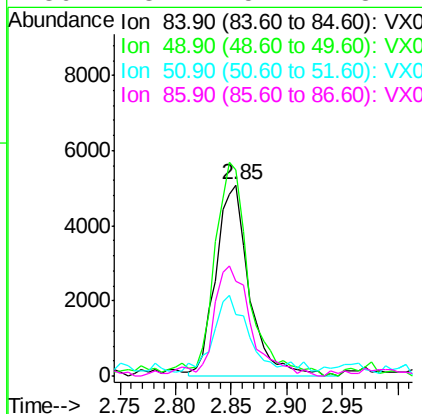
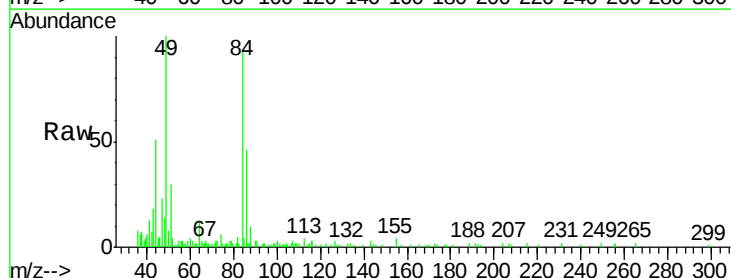
Instrument :
MSVOA_X
ClientSampleId :
PB116824ZHE#05

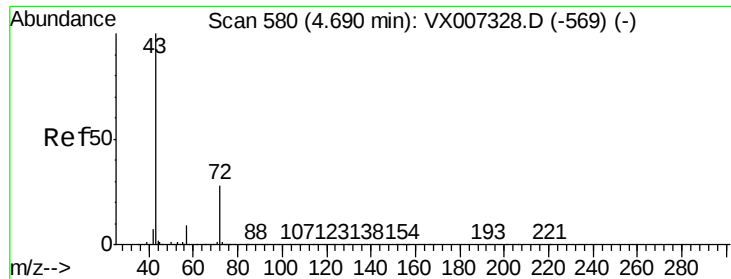
Tot Ion: 43 Resp: 41811
Ion Ratio Lower Upper
43 100
74 24.6 19.4 29.2



#20
Methylene Chloride
Concen: 2.029 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX007379.D
Acq: 05 Feb 2019 16:18

Tgt Ion: 84 Resp: 10592
Ion Ratio Lower Upper
84 100
49 108.0 94.8 142.2
51 27.5 29.8 44.8#
86 48.2 54.1 81.1#





#25

2-Butanone

Concen: 3.562 ug/l

RT: 4.73 min Scan# 587

Delta R.T. 0.04 min

Lab File: VX007379.D

Acq: 05 Feb 2019 16:18

Instrument :

MSVOA_X

ClientSampleId :

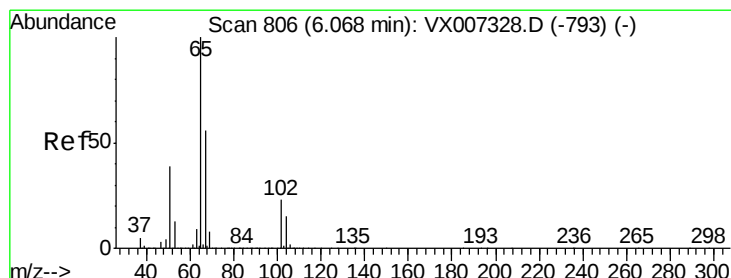
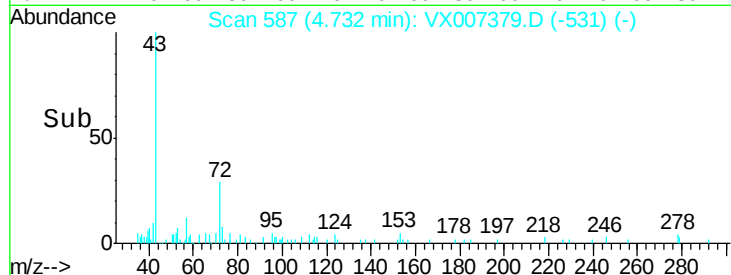
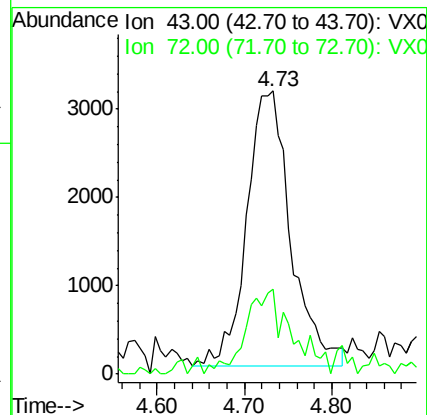
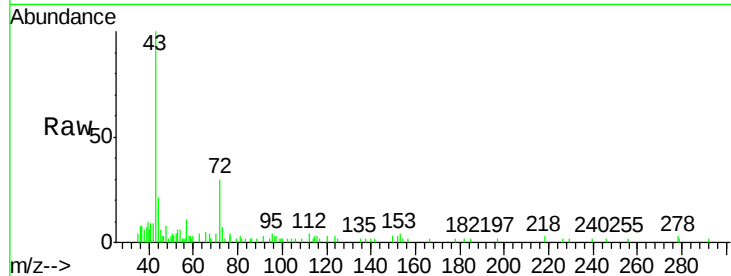
PB116824ZHE#05

Tot Ion: 43 Resp: 10923

Ion Ratio Lower Upper

43 100

72 27.8 22.2 33.2



#33

1,2-Dichloroethane-d4

Concen: 51.947 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007379.D

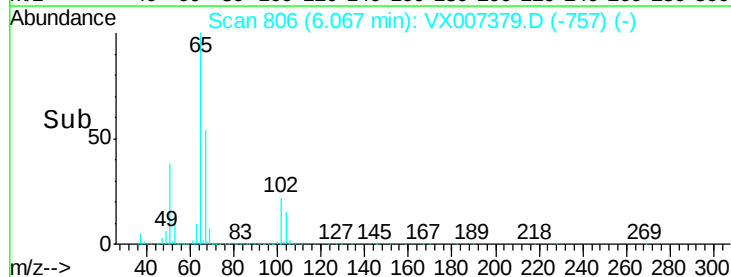
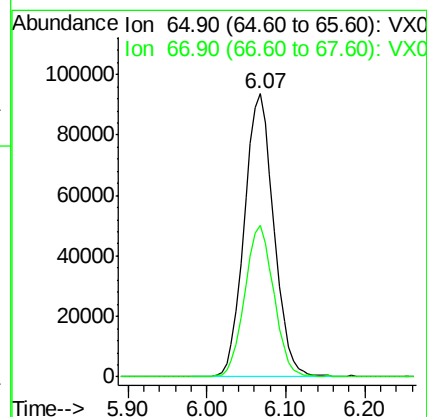
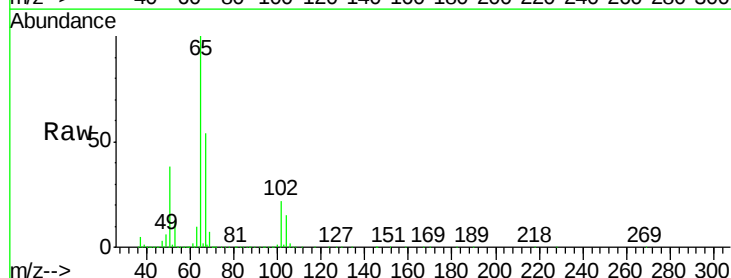
Acq: 05 Feb 2019 16:18

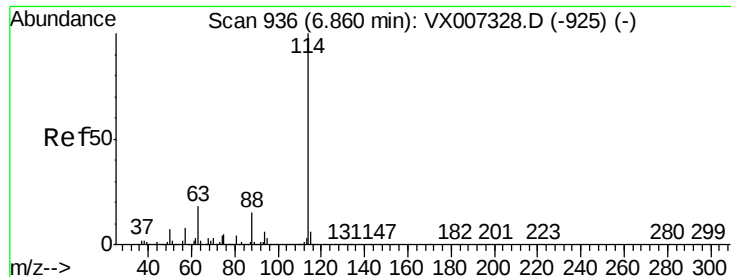
Tgt Ion: 65 Resp: 244391

Ion Ratio Lower Upper

65 100

67 52.8 0.0 108.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007379.D

Acq: 05 Feb 2019 16:18

Instrument :

MSVOA_X

ClientSampleId :

PB116824ZHE#05

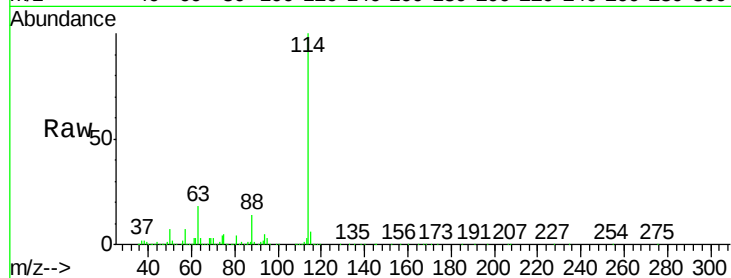
Tot Ion:114 Resp: 689902

Ion Ratio Lower Upper

114 100

63 17.6 0.0 35.6

88 14.5 0.0 29.6



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

400000

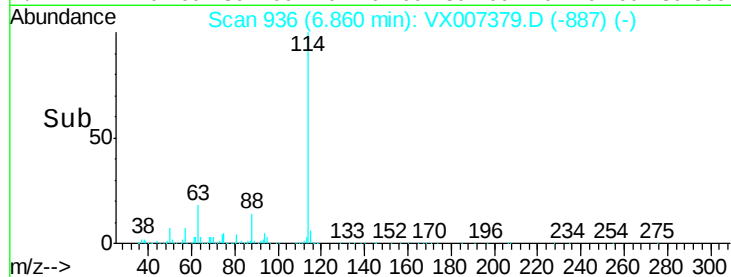
300000

200000

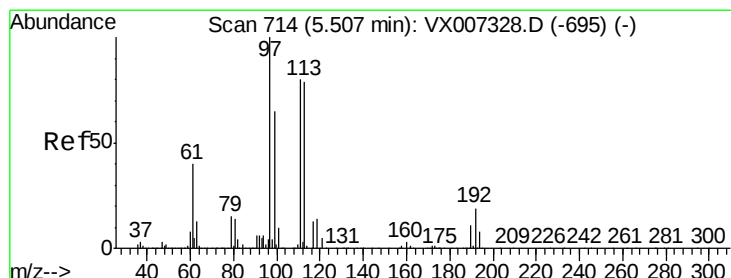
100000

0

6.70 6.80 6.90 7.00



Time-->



#35

Dibromofluoromethane

Concen: 48.284 ug/l

RT: 5.51 min Scan# 714

Delta R.T. -0.00 min

Lab File: VX007379.D

Acq: 05 Feb 2019 16:18

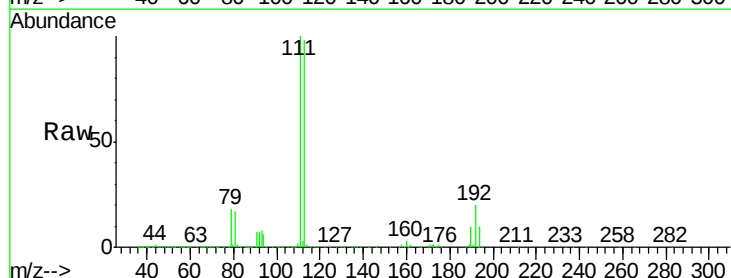
Tgt Ion:113 Resp: 216745

Ion Ratio Lower Upper

113 100

111 102.1 81.8 122.8

192 21.5 18.5 27.7



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

100000

80000

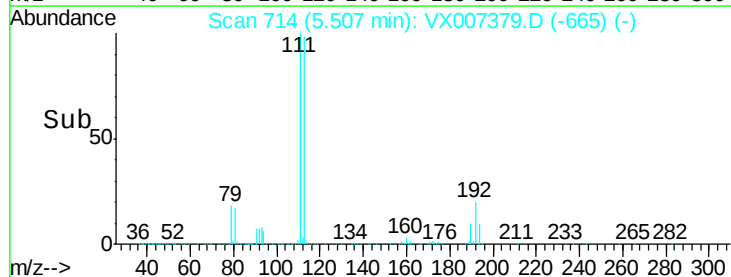
60000

40000

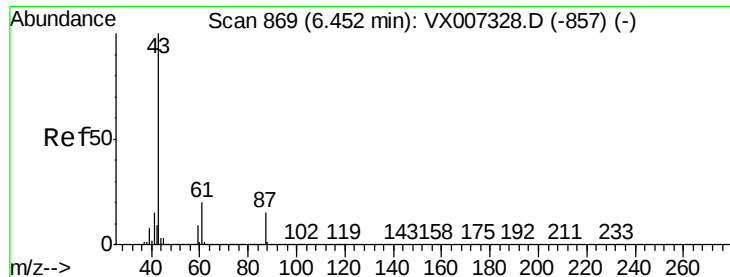
20000

0

5.40 5.50 5.60



Time-->

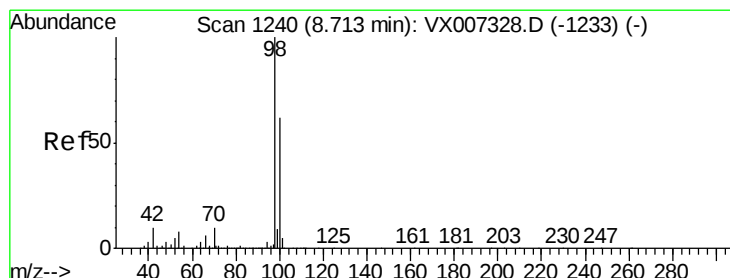
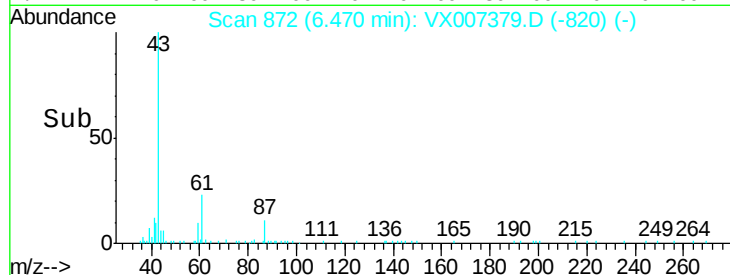
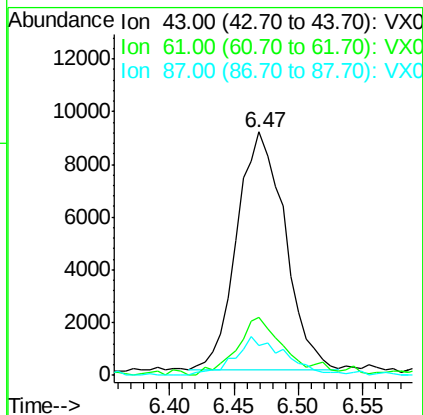
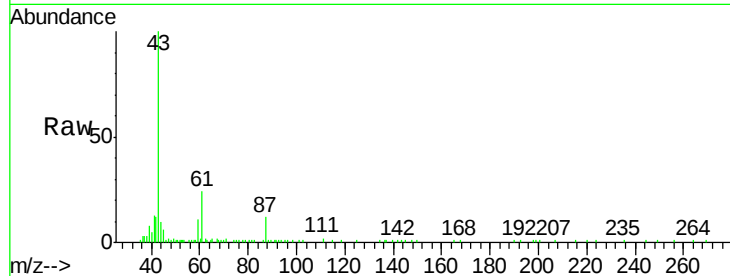


#43

Isopropyl Acetate
 Concen: 2.414 ug/l
 RT: 6.47 min Scan# 872
 Delta R.T. 0.02 min
 Lab File: VX007379.D
 Acq: 05 Feb 2019 16:18

Instrument :
 MSVOA_X
 ClientSampleId :
 PB116824ZHE#05

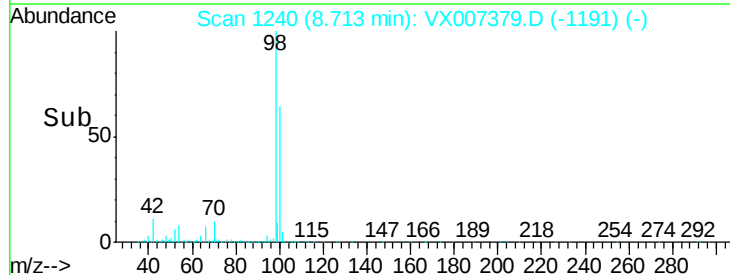
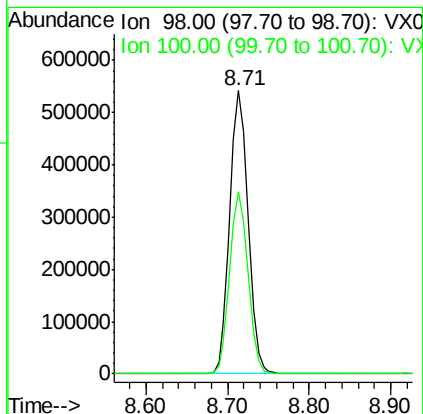
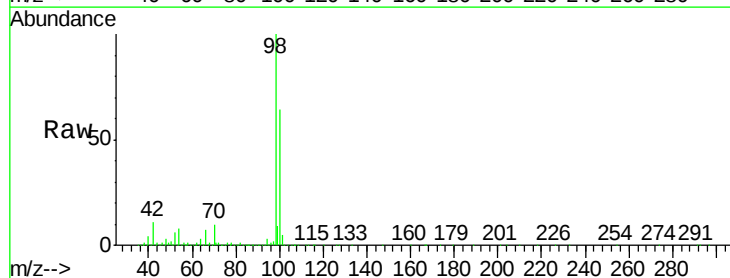
Tot Ion: 43 Resp: 23317
 Ion Ratio Lower Upper
 43 100
 61 24.3 16.1 24.1#
 87 16.8 11.5 17.3

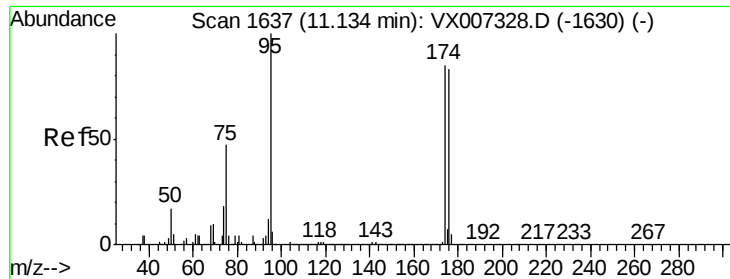


#50

Toluene-d8
 Concen: 50.430 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX007379.D
 Acq: 05 Feb 2019 16:18

Tgt Ion: 98 Resp: 839907
 Ion Ratio Lower Upper
 98 100
 100 64.2 51.6 77.4

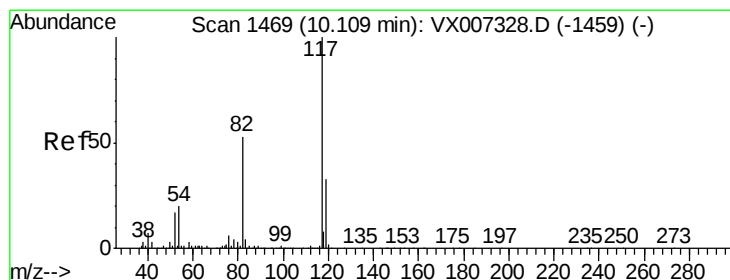
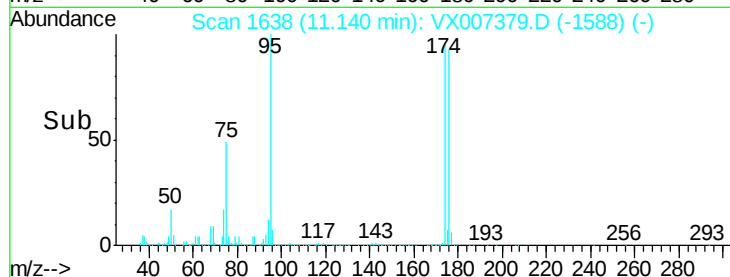
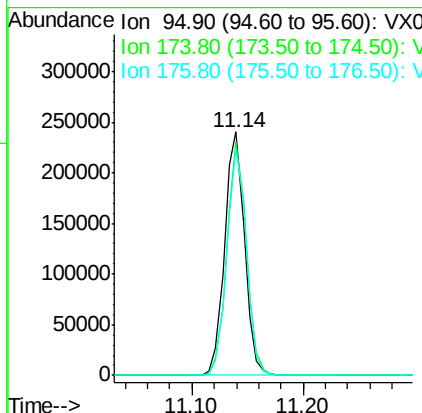
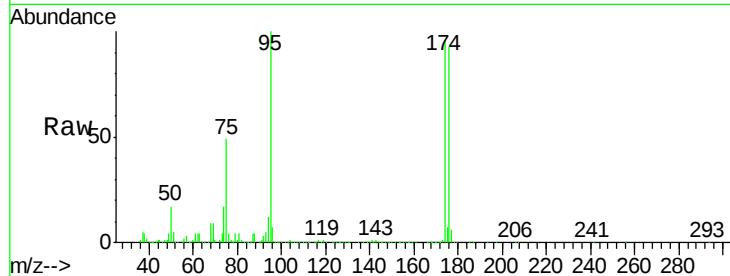




#62
4-Bromofluorobenzene
Concen: 48.851 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.01 min
Lab File: VX007379.D
Acq: 05 Feb 2019 16:18

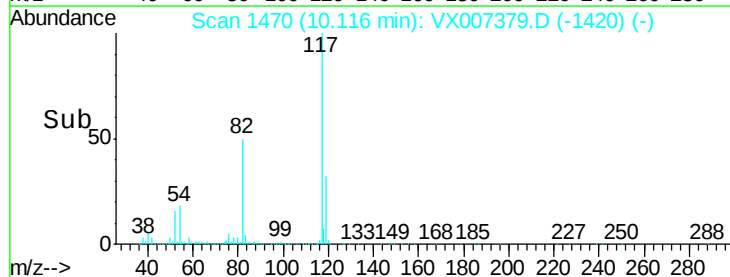
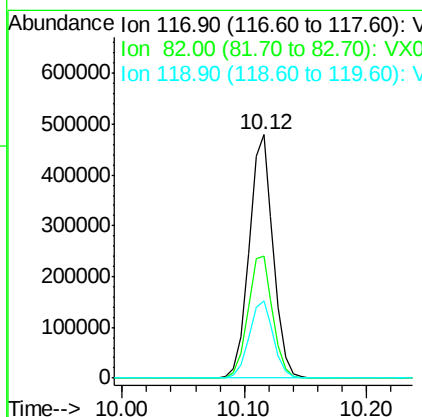
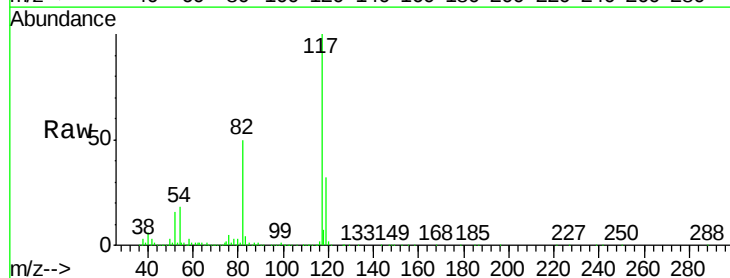
Instrument :
MSVOA_X
ClientSampleId :
PB116824ZHE#05

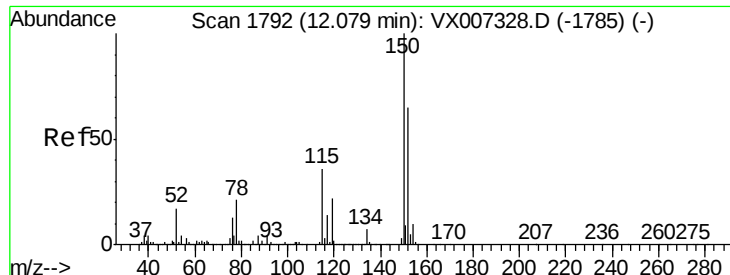
Tot Ion: 95 Resp: 297045
Ion Ratio Lower Upper
95 100
174 93.7 0.0 189.2
176 91.6 0.0 186.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007379.D
Acq: 05 Feb 2019 16:18

Tgt Ion: 117 Resp: 649765
Ion Ratio Lower Upper
117 100
82 50.0 42.1 63.1
119 31.9 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007379.D

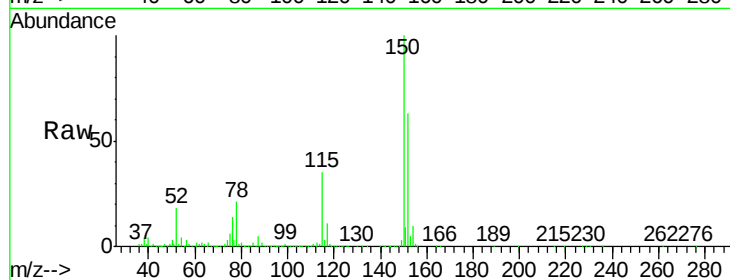
Acq: 05 Feb 2019 16:18

Instrument :

MSVOA_X

ClientSampleId :

PB116824ZHE#05



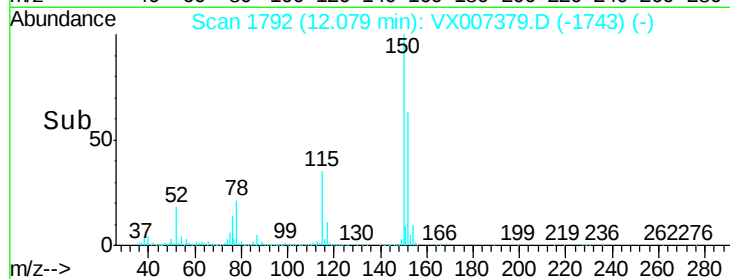
Tot Ion:152 Resp: 333760

Ion Ratio Lower Upper

152 100

115 54.4 38.0 114.0

150 155.7 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

