

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040819\
 Data File : VX008754.D
 Acq On : 08 Apr 2019 18:46
 Operator : JC/SP
 Sample : K2294-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-14-D

Quant Time: Apr 09 09:27:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

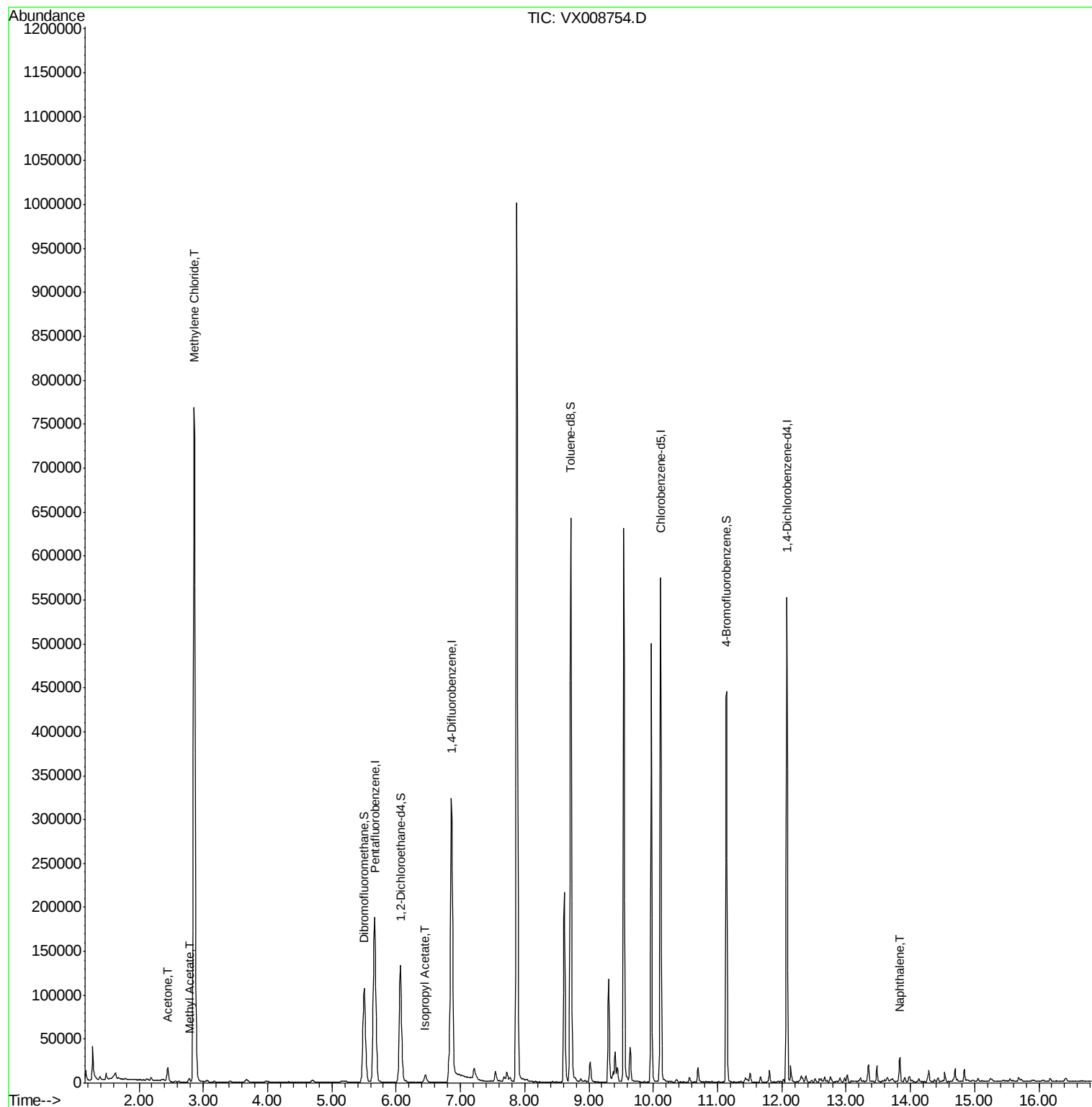
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	180156	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	304086	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	257065	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	106343	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	126114	47.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.98%	
35) Dibromofluoromethane	5.50	113	91794	47.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.42%	
50) Toluene-d8	8.71	98	378082	48.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.68%	
62) 4-Bromofluorobenzene	11.14	95	122553	44.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.28%	
Target Compounds						
16) Acetone	2.45	43	17646	11.659	ug/l	97
18) Methyl Acetate	2.78	43	6007	1.637	ug/l	99
20) Methylene Chloride	2.85	84	354161	139.799	ug/l	98
43) Isopropyl Acetate	6.45	43	12016	1.729	ug/l	100
95) Naphthalene	13.83	128	17090	1.953	ug/l	98

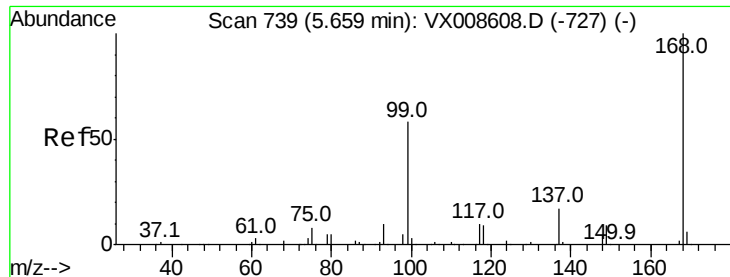
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX008754.D

Acq: 08 Apr 2019 18:46

Instrument :

MSVOA_X

ClientSampleId :

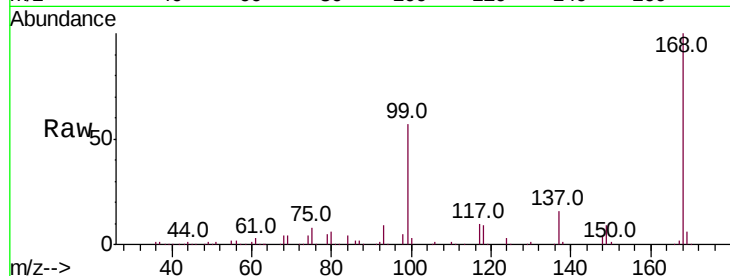
TP-14-D

Tot Ion:168 Resp: 180156

Ion Ratio Lower Upper

168 100

99 57.0 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

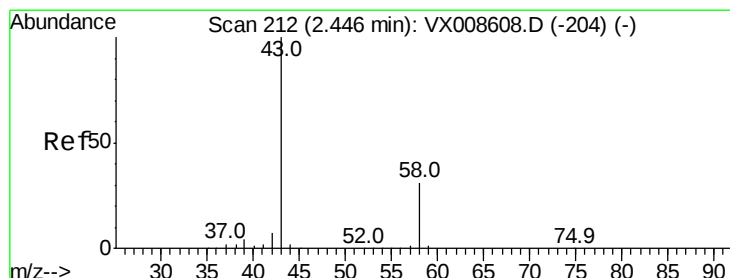
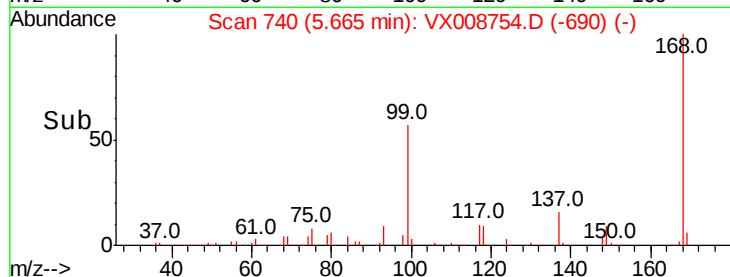
40000

20000

0

Time-->

5.60 5.70 5.80



#16

Acetone

Concen: 11.659 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX008754.D

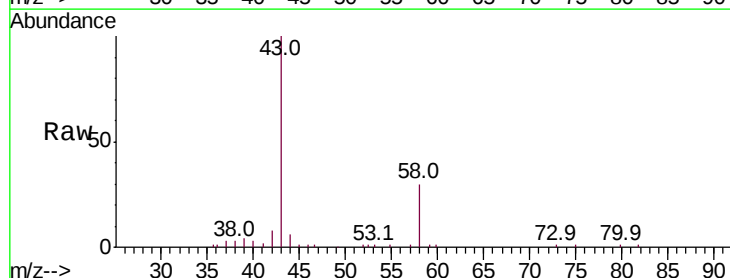
Acq: 08 Apr 2019 18:46

Tgt Ion: 43 Resp: 17646

Ion Ratio Lower Upper

43 100

58 29.4 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

12000

10000

8000

6000

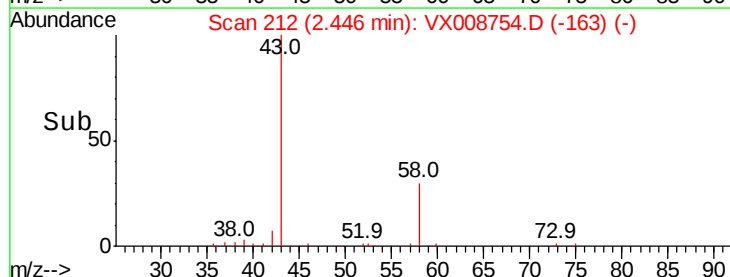
4000

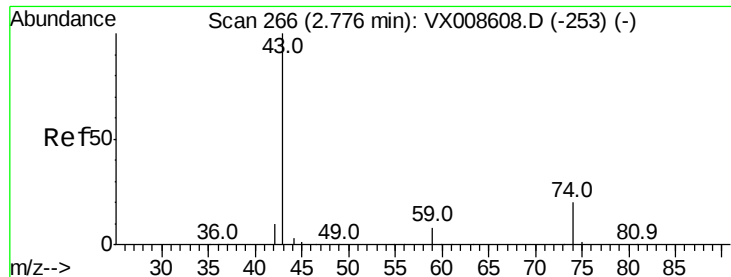
2000

0

Time-->

2.35 2.40 2.45 2.50 2.55

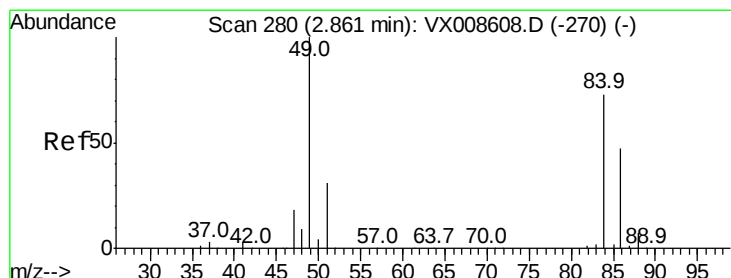
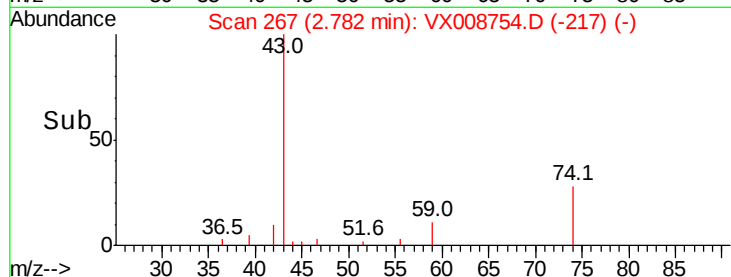
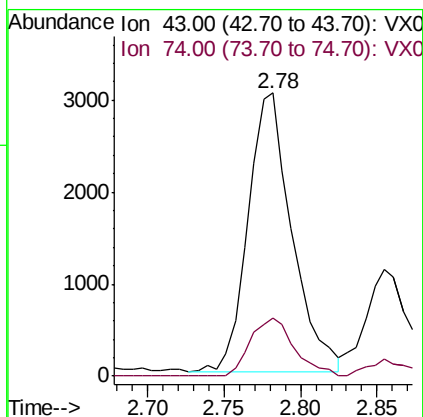
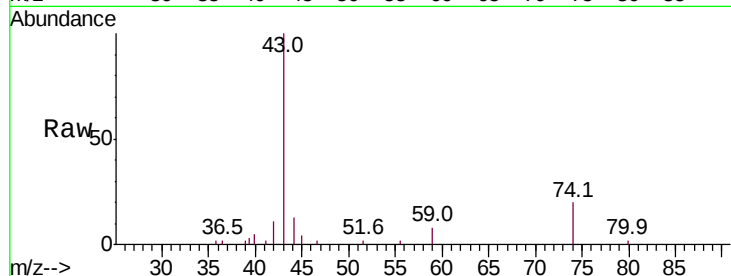




#18
Methyl Acetate
Concen: 1.637 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX008754.D
Acq: 08 Apr 2019 18:46

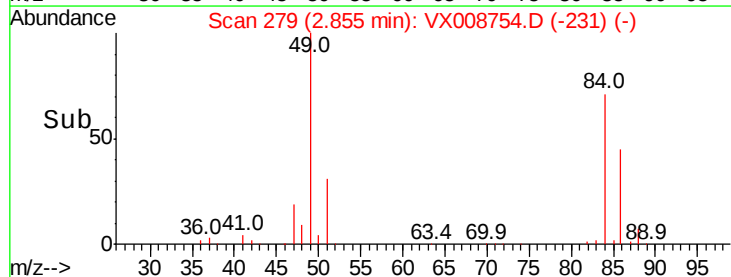
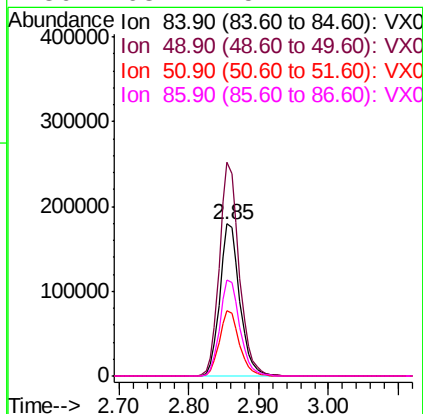
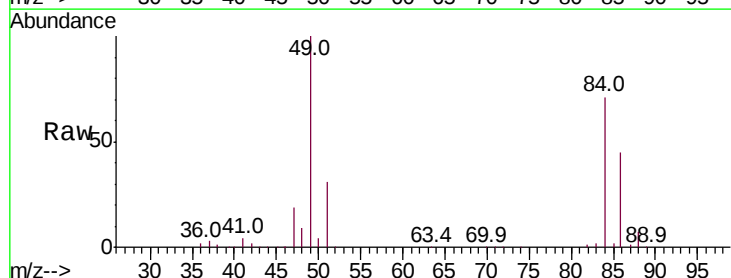
Instrument :
MSVOA_X
ClientSampleId :
TP-14-D

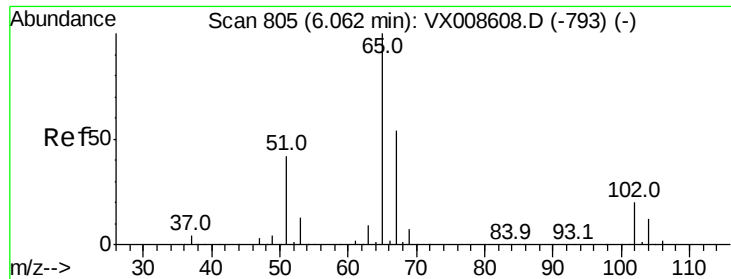
Tot Ion: 43 Resp: 6007
Ion Ratio Lower Upper
43 100
74 20.9 16.5 24.7



#20
Methylene Chloride
Concen: 139.799 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX008754.D
Acq: 08 Apr 2019 18:46

Tgt Ion: 84 Resp: 354161
Ion Ratio Lower Upper
84 100
49 140.4 109.7 164.5
51 42.8 33.6 50.4
86 63.2 51.4 77.2





#33

1,2-Dichloroethane-d4

Concen: 47.994 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

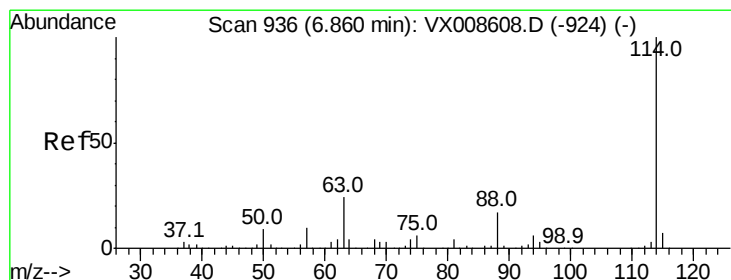
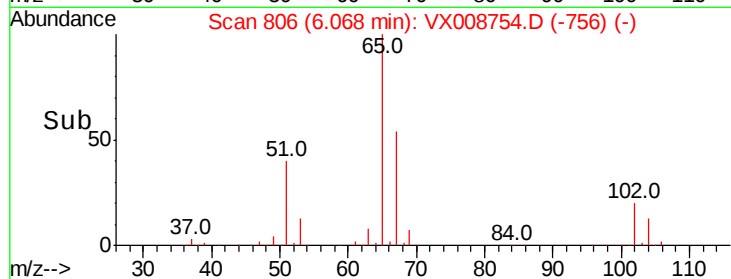
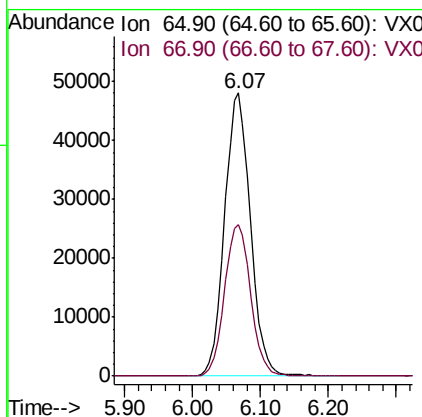
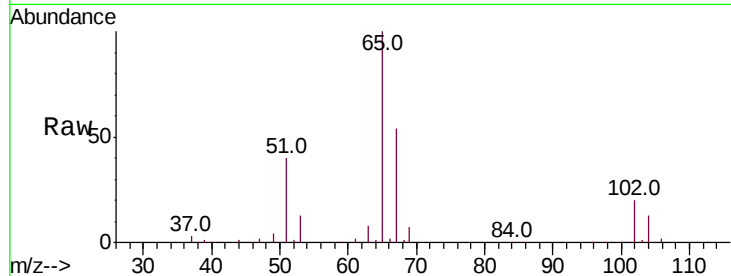
Lab File: VX008754.D

Acq: 08 Apr 2019 18:46

Instrument :
MSVOA_X
ClientSampled :
TP-14-D

Tot Ion: 65 Resp: 126114

Ion	Ratio	Lower	Upper
65	100		
67	54.1	0.0	107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

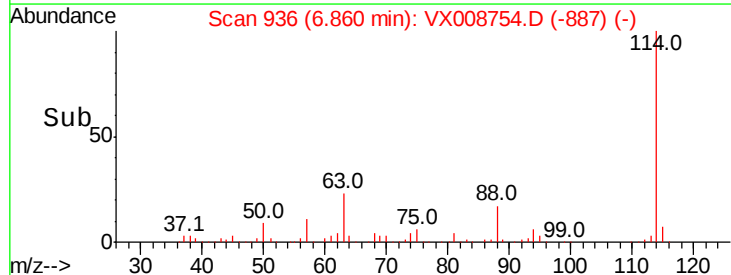
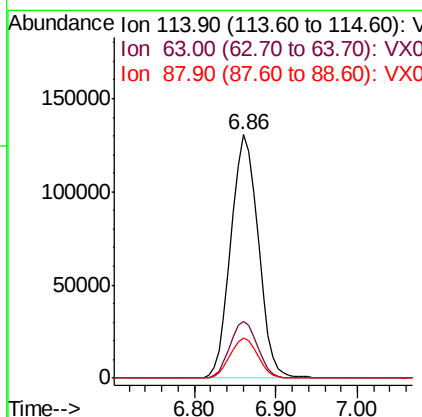
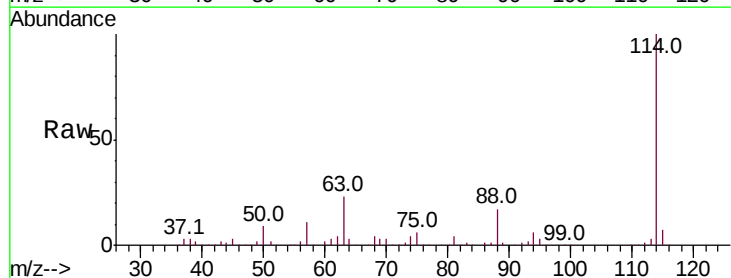
Delta R.T. 0.00 min

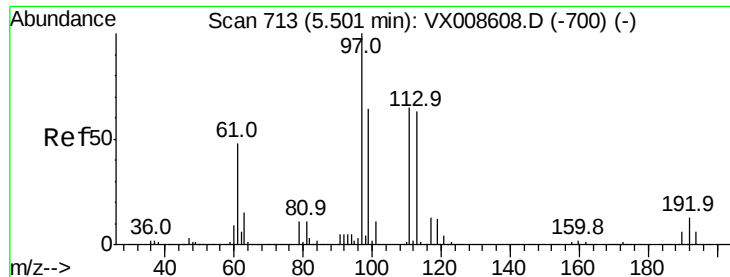
Lab File: VX008754.D

Acq: 08 Apr 2019 18:46

Tgt Ion: 114 Resp: 304086

Ion	Ratio	Lower	Upper
114	100		
63	23.3	0.0	47.2
88	16.7	0.0	34.0

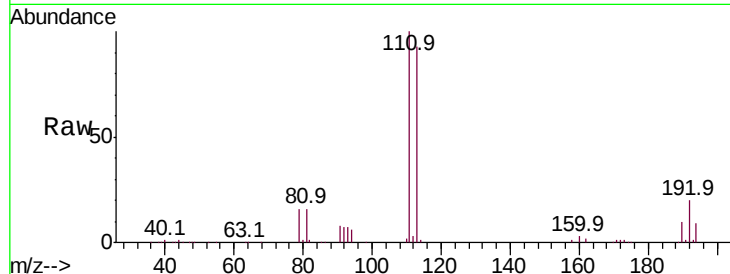




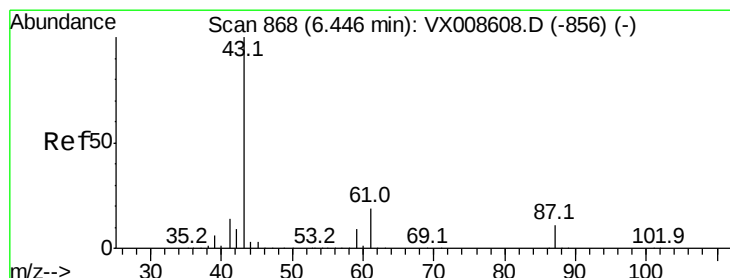
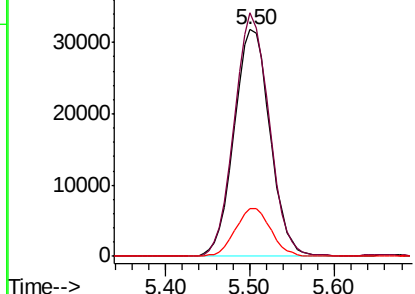
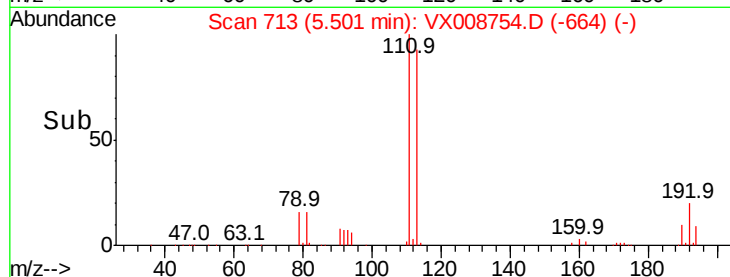
#35
 Dibromofluoromethane
 Concen: 47.214 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX008754.D
 Acq: 08 Apr 2019 18:46

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-14-D

Tot Ion:113 Resp: 91794
 Ion Ratio Lower Upper
 113 100
 111 104.3 83.4 125.2
 192 20.9 16.1 24.1

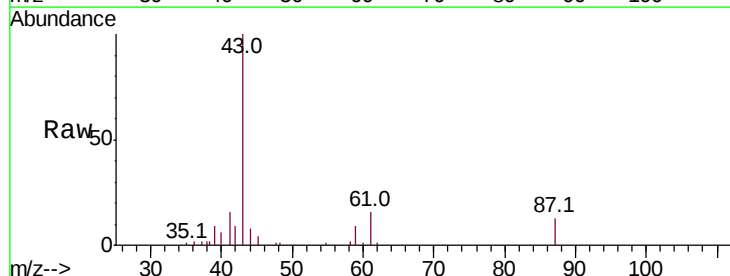


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

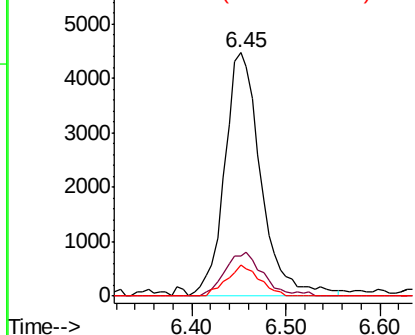
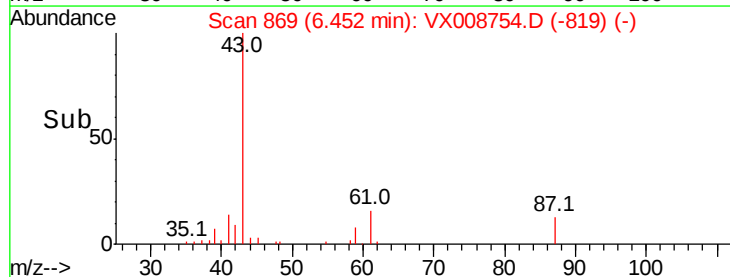


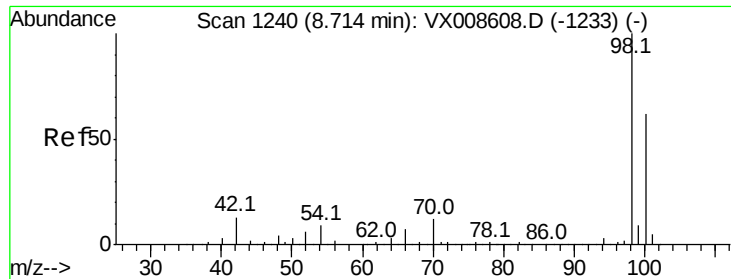
#43
 Isopropyl Acetate
 Concen: 1.729 ug/l
 RT: 6.45 min Scan# 869
 Delta R.T. 0.01 min
 Lab File: VX008754.D
 Acq: 08 Apr 2019 18:46

Tgt Ion: 43 Resp: 12016
 Ion Ratio Lower Upper
 43 100
 61 18.9 15.3 22.9
 87 11.4 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: 48.839 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX008754.D

Acq: 08 Apr 2019 18:46

Instrument :

MSVOA_X

ClientSampled :

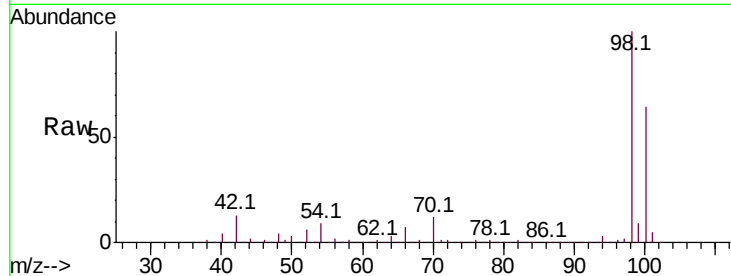
TP-14-D

Tot Ion: 98 Resp: 378082

Ion Ratio Lower Upper

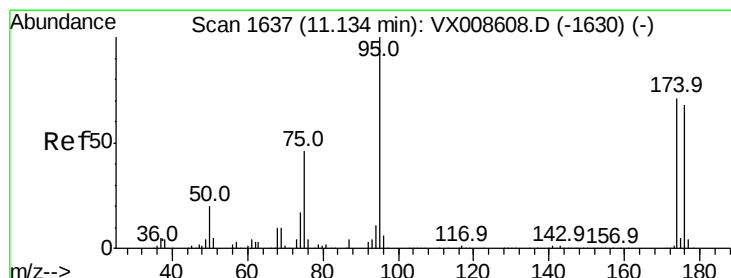
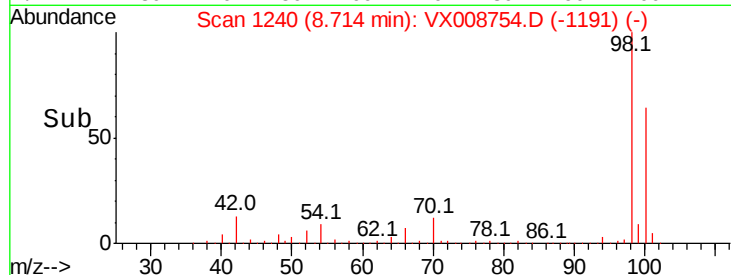
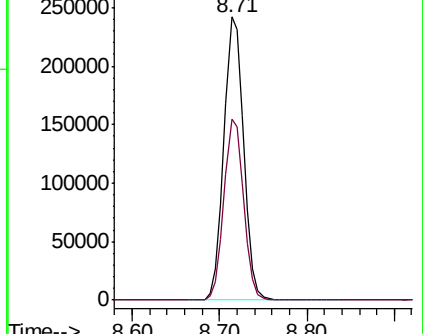
98 100

100 63.6 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 44.643 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.01 min

Lab File: VX008754.D

Acq: 08 Apr 2019 18:46

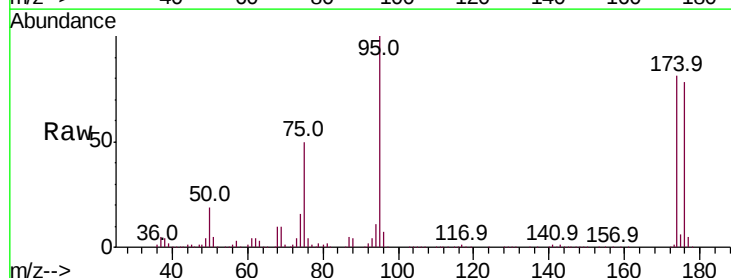
Tgt Ion: 95 Resp: 122553

Ion Ratio Lower Upper

95 100

174 76.9 0.0 151.8

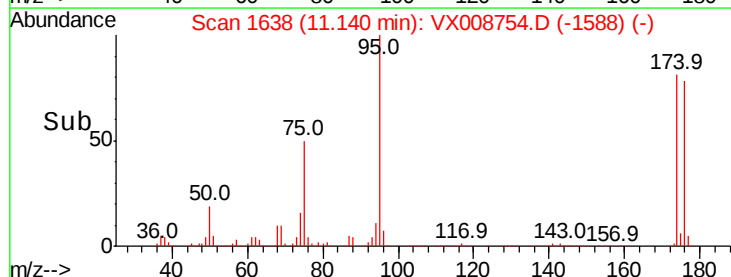
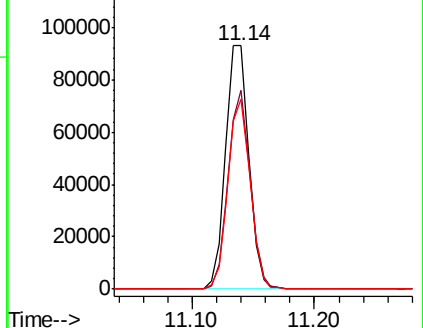
176 74.5 0.0 145.8

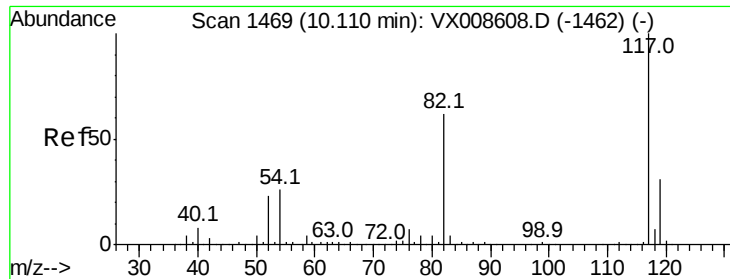


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

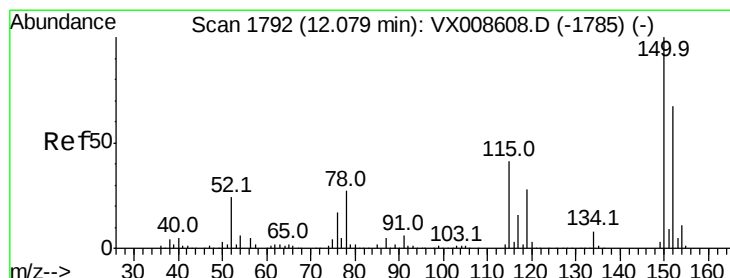
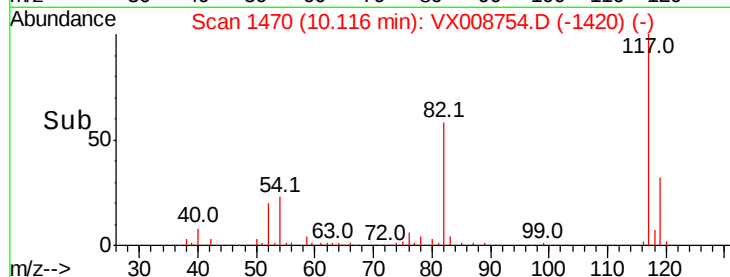
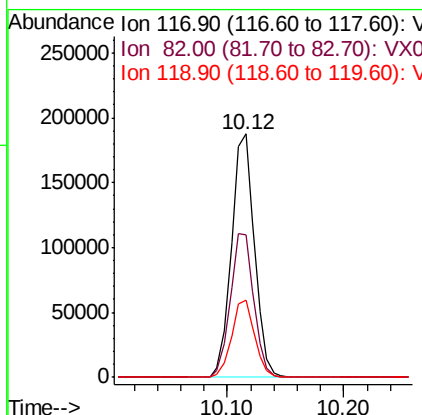
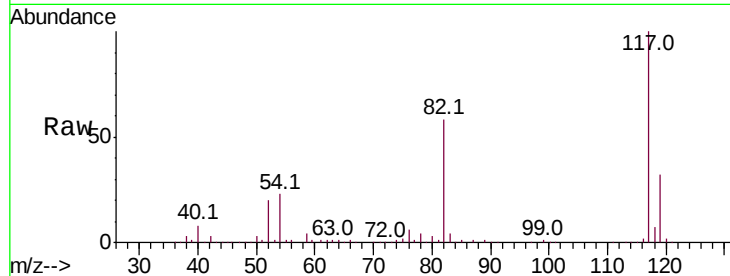




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.12 min Scan# 1470
 Delta R.T. 0.01 min
 Lab File: VX008754.D
 Acq: 08 Apr 2019 18:46

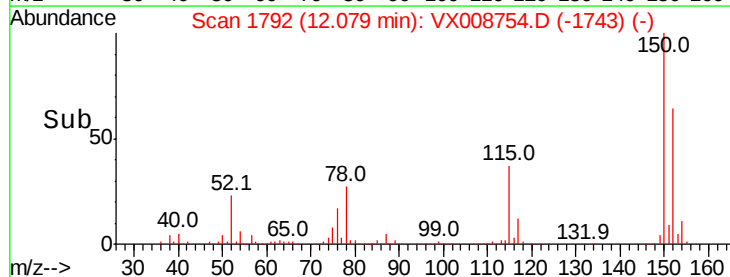
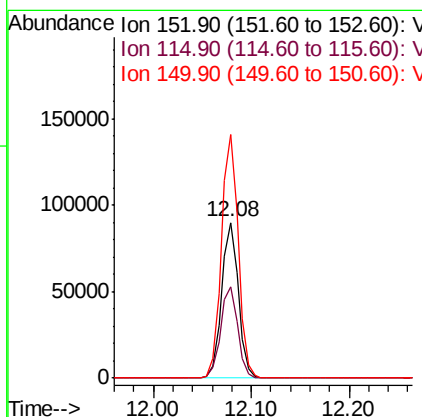
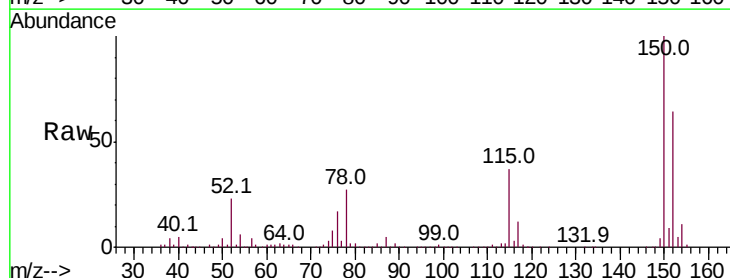
Instrument :
 MSVOA_X
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 TP-14-D

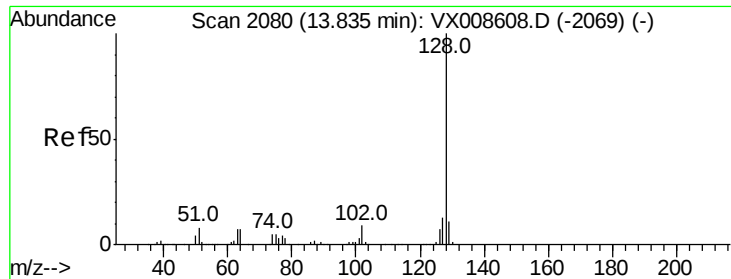
Tot Ion:117 Resp: 257065
 Ion Ratio Lower Upper
 117 100
 82 58.3 49.6 74.4
 119 31.9 25.0 37.4



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX008754.D
 Acq: 08 Apr 2019 18:46

Tgt Ion:152 Resp: 106343
 Ion Ratio Lower Upper
 152 100
 115 59.7 43.5 130.5
 150 157.8 0.0 348.8

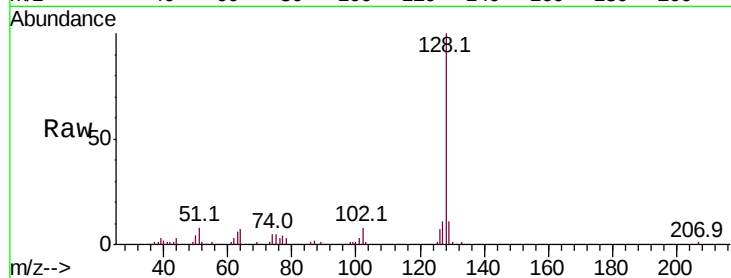




#95
Naphthalene
Concen: 1.953 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX008754.D
Acq: 08 Apr 2019 18:46

Instrument :
MSVOA_X
ClientSampleId :
TP-14-D

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.4	15.6
129	11.6	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

