

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071224\
 Data File : VX042307.D
 Acq On : 12 Jul 2024 16:58
 Operator : JC/MD
 Sample : PB162021ZHE#04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB162021ZHE#04

Quant Time: Jul 15 04:45:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

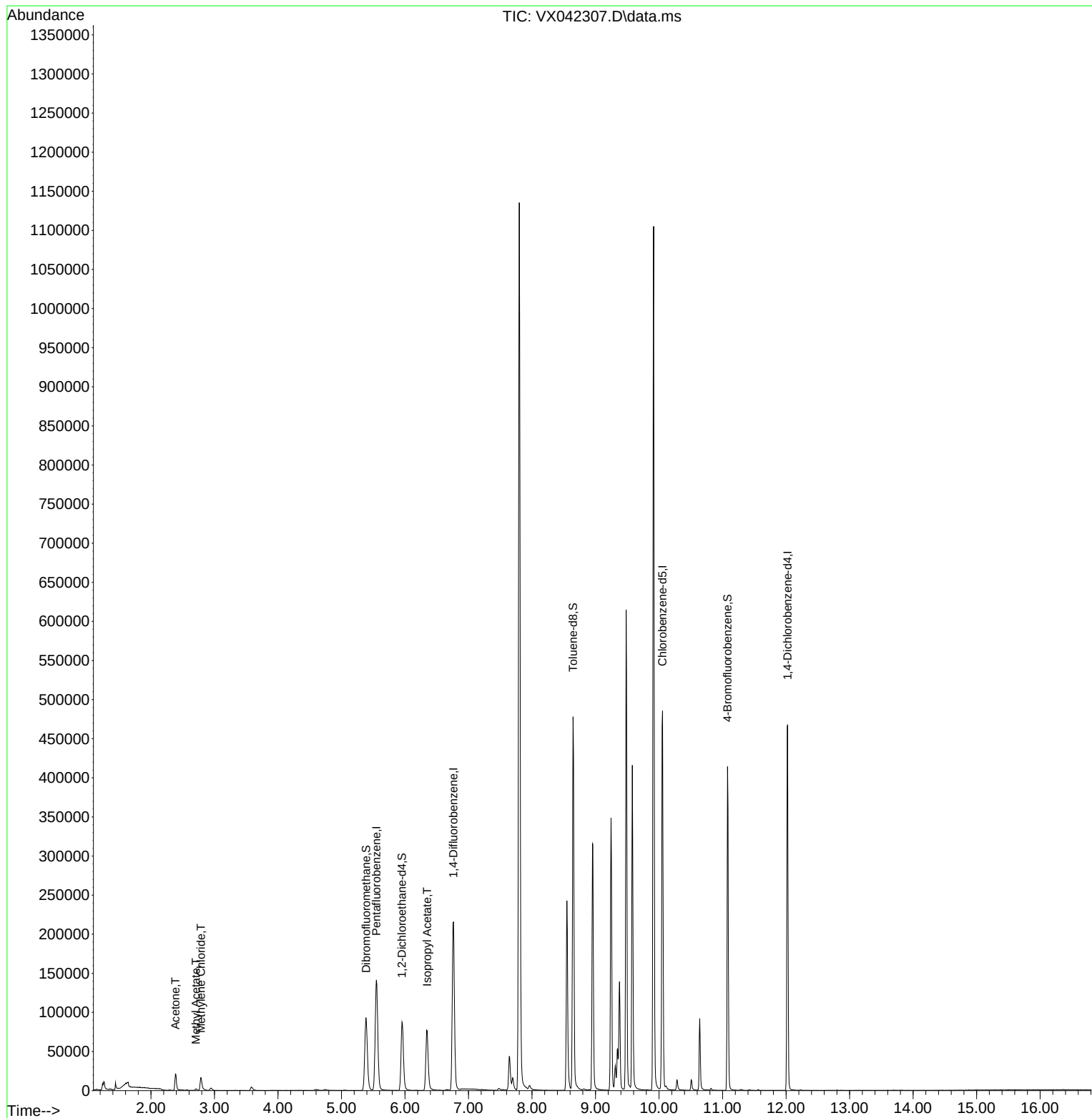
Internal Standards						
1) Pentafluorobenzene	5.550	168	158879	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	248963	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	244630	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	115414	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	84377	46.055	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.120%
35) Dibromofluoromethane	5.385	113	82027	46.434	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.860%
50) Toluene-d8	8.647	98	294411	47.440	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.880%
62) 4-Bromofluorobenzene	11.079	95	106629	46.611	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.220%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	24640	30.629	ug/l	# 89
18) Methyl Acetate	2.709	43	2618	1.193	ug/l	98
20) Methylene Chloride	2.788	84	10053	5.707	ug/l	# 85
43) Isopropyl Acetate	6.348	43	108027	28.801	ug/l	# 93

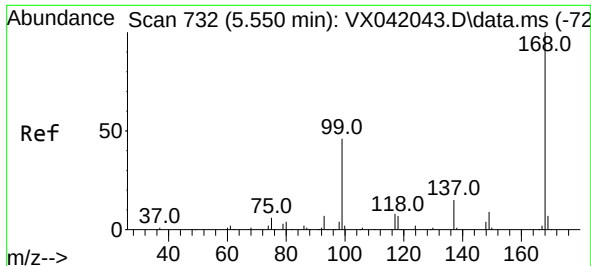
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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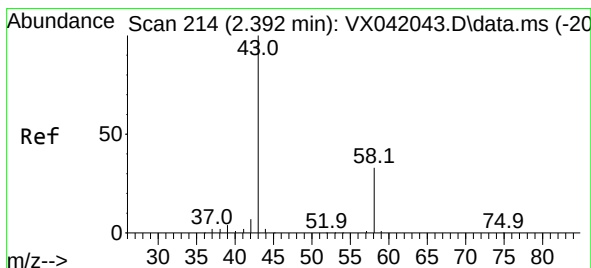
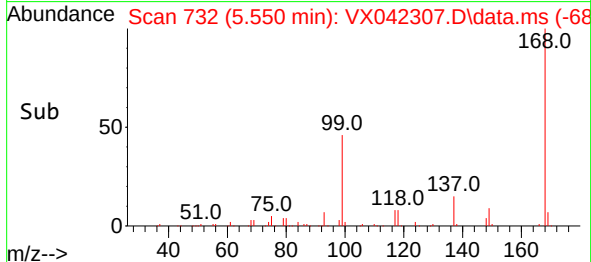
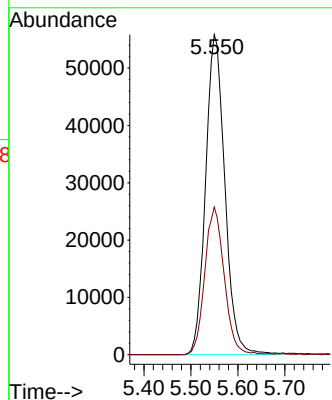
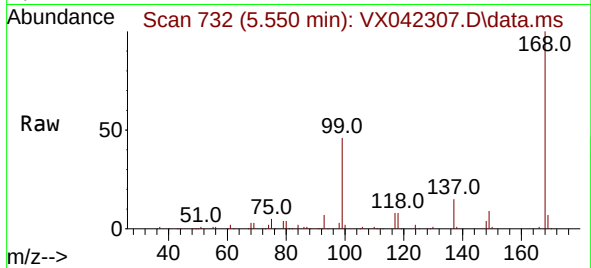




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042307.D
Acq: 12 Jul 2024 16:58

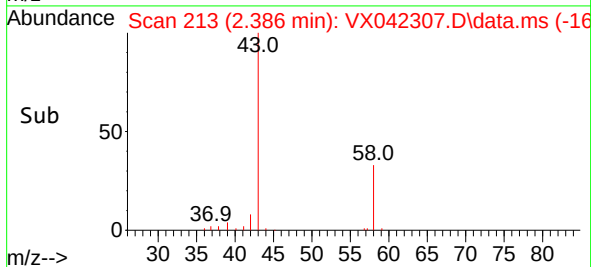
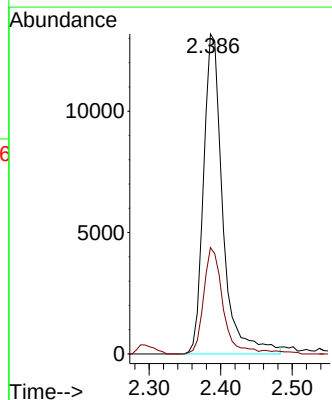
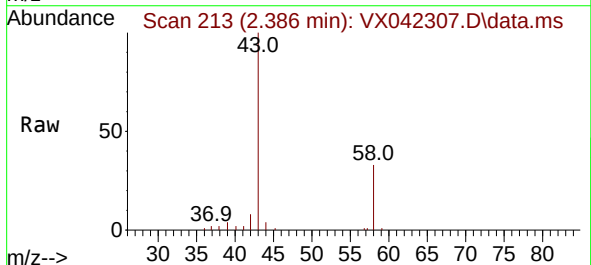
Instrument :
MSVOA_X
ClientSampleId :
PB162021ZHE#04

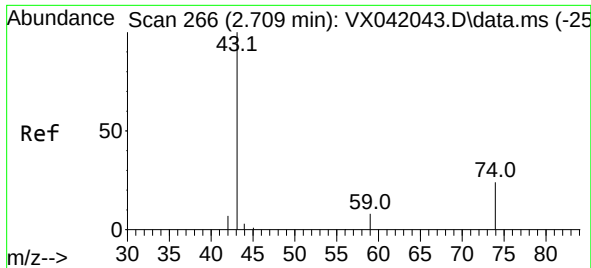
Tgt Ion:168 Resp: 158879
Ion Ratio Lower Upper
168 100
99 46.1 56.6 85.0#



#16
Acetone
Concen: 30.629 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.012 min
Lab File: VX042307.D
Acq: 12 Jul 2024 16:58

Tgt Ion: 43 Resp: 24640
Ion Ratio Lower Upper
43 100
58 33.3 21.9 32.9#

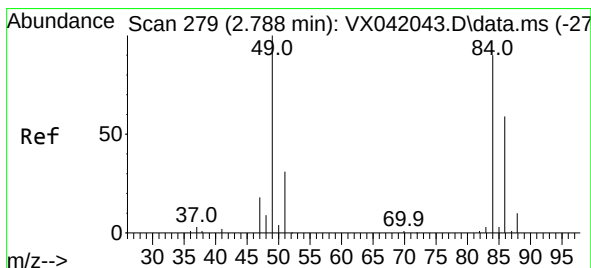
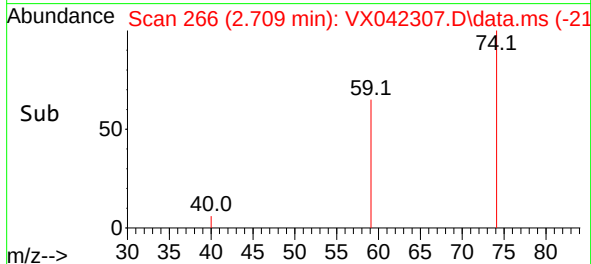
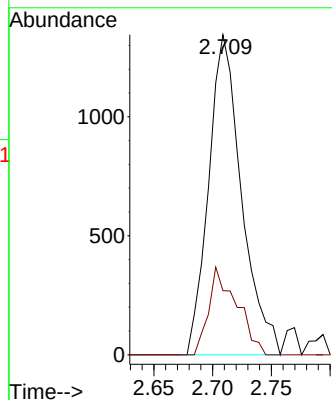
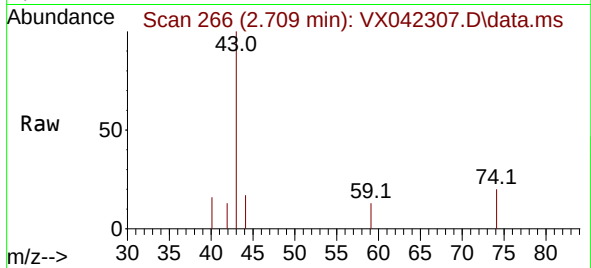




#18
Methyl Acetate
Concen: 1.193 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX042307.D
Acq: 12 Jul 2024 16:58

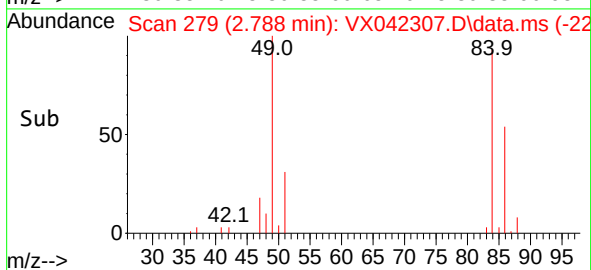
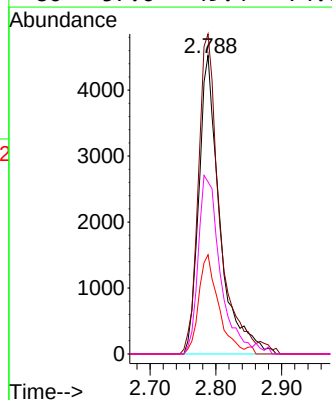
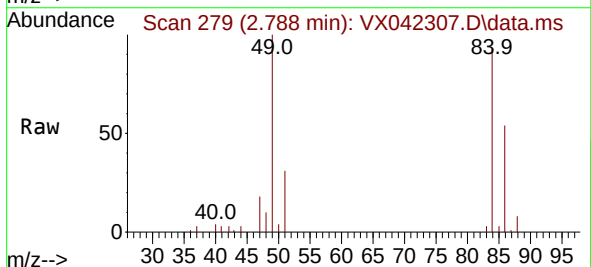
Instrument :
MSVOA_X
ClientSampleId :
PB162021ZHE#04

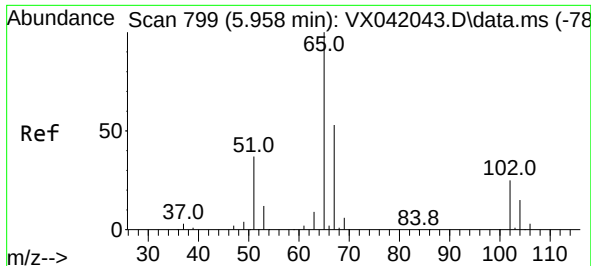
Tgt Ion: 43 Resp: 2618
Ion Ratio Lower Upper
43 100
74 23.5 17.8 26.8



#20
Methylene Chloride
Concen: 5.707 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX042307.D
Acq: 12 Jul 2024 16:58

Tgt Ion: 84 Resp: 10053
Ion Ratio Lower Upper
84 100
49 107.2 103.6 155.4
51 33.2 33.8 50.6#
86 57.6 49.4 74.0





#33

1,2-Dichloroethane-d4

Concen: 46.055 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX042307.D

Acq: 12 Jul 2024 16:58

Instrument :

MSVOA_X

ClientSampleId :

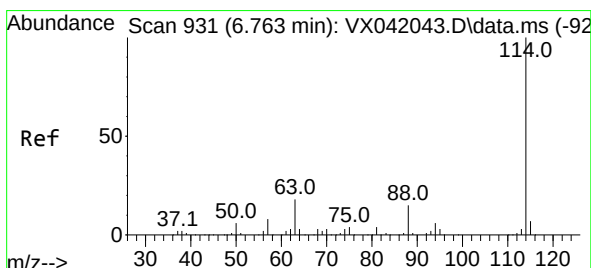
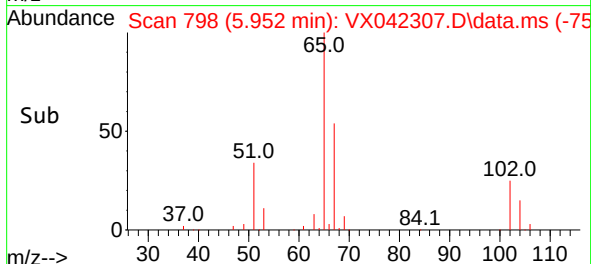
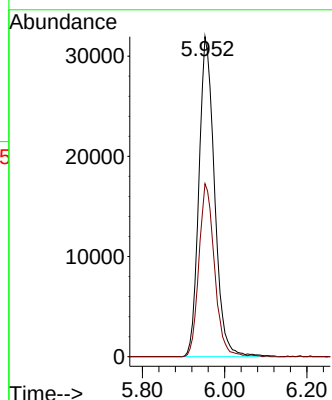
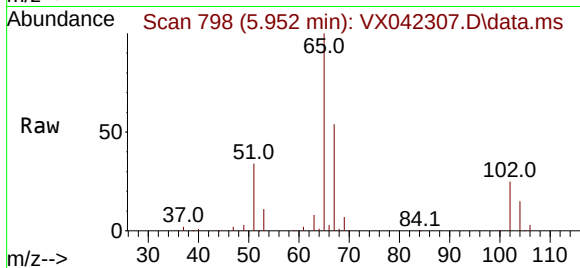
PB162021ZHE#04

Tgt Ion: 65 Resp: 84377

Ion Ratio Lower Upper

65 100

67 53.7 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX042307.D

Acq: 12 Jul 2024 16:58

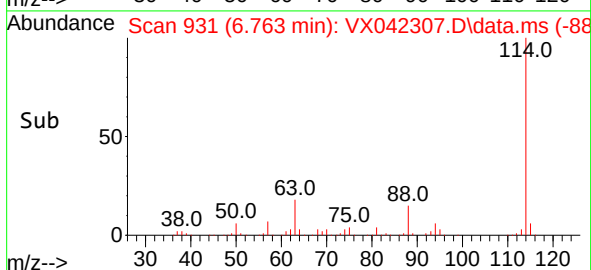
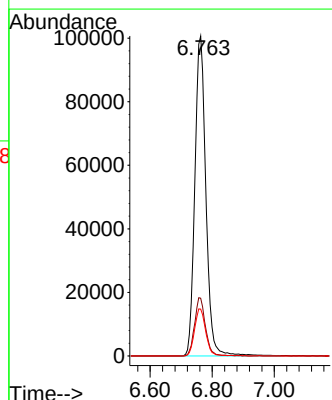
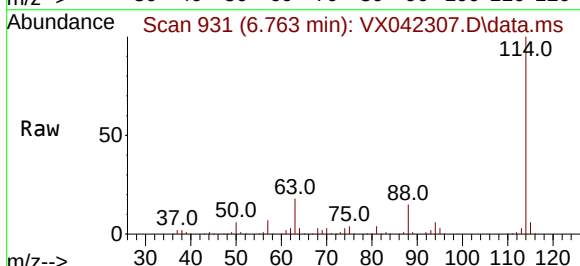
Tgt Ion: 114 Resp: 248963

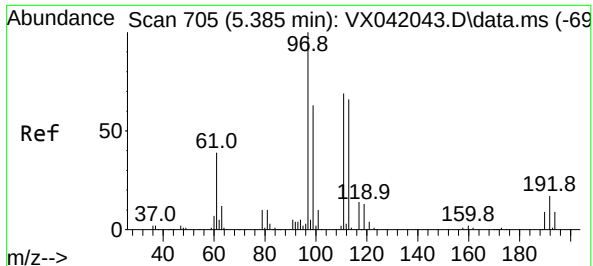
Ion Ratio Lower Upper

114 100

63 18.1 0.0 45.0

88 14.7 0.0 36.6

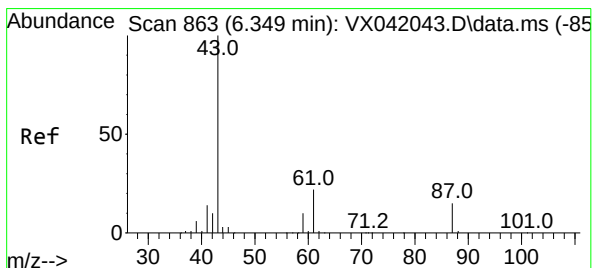
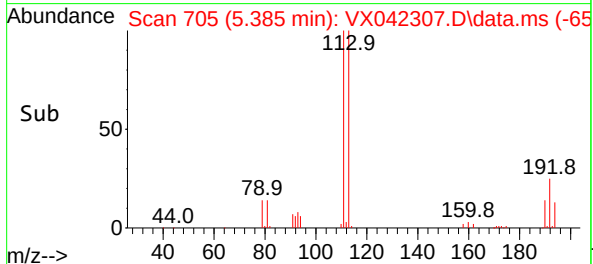
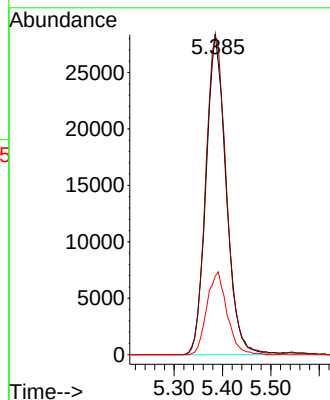
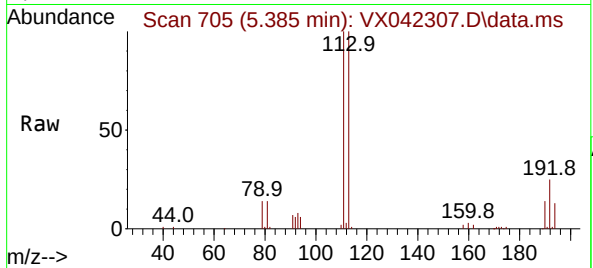




#35
Dibromofluoromethane
Concen: 46.434 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX042307.D
Acq: 12 Jul 2024 16:58

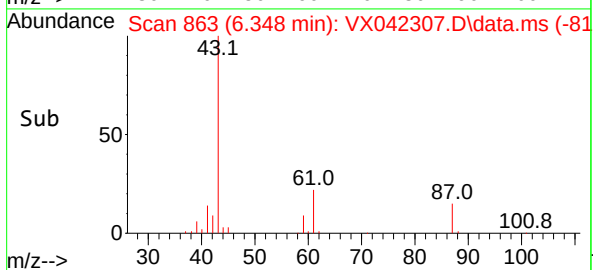
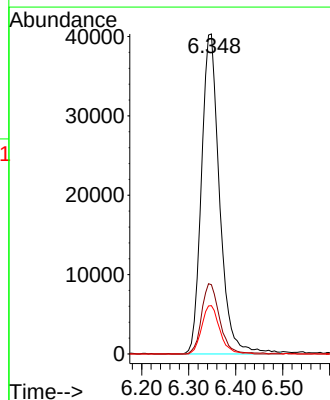
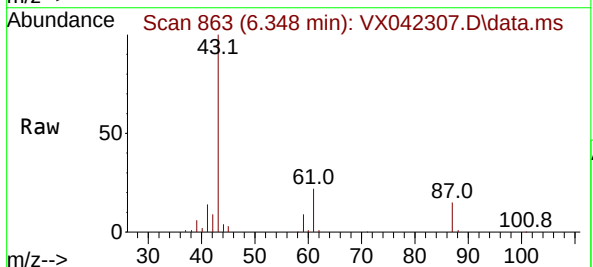
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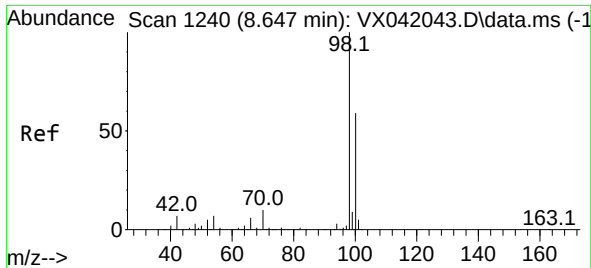
Tgt Ion:113 Resp: 82027
Ion Ratio Lower Upper
113 100
111 102.3 82.9 124.3
192 25.9 13.3 19.9#



#43
Isopropyl Acetate
Concen: 28.801 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX042307.D
Acq: 12 Jul 2024 16:58

Tgt Ion: 43 Resp: 108027
Ion Ratio Lower Upper
43 100
61 21.9 15.2 22.8
87 15.0 9.8 14.6#

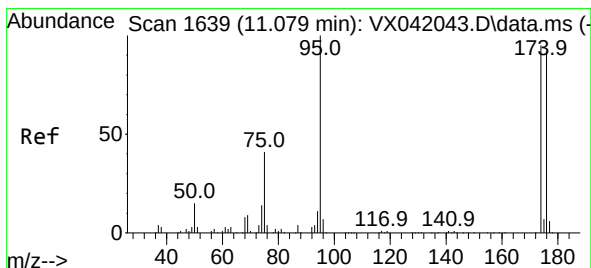
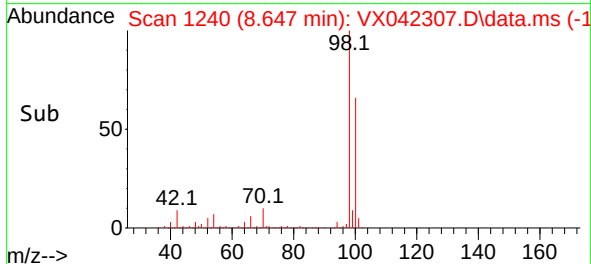
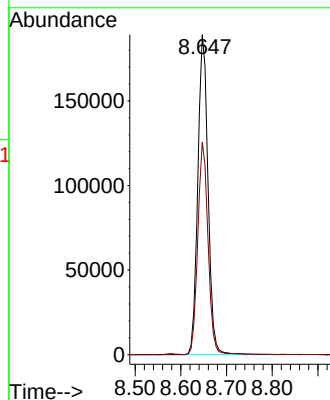
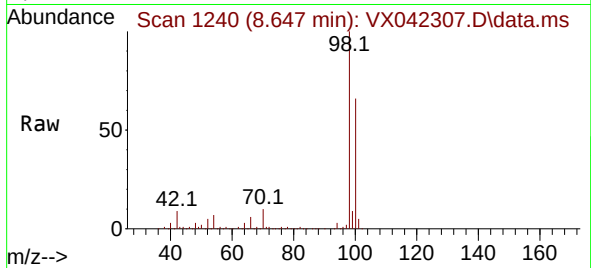




#50
Toluene-d8
Concen: 47.440 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX042307.D
Acq: 12 Jul 2024 16:58

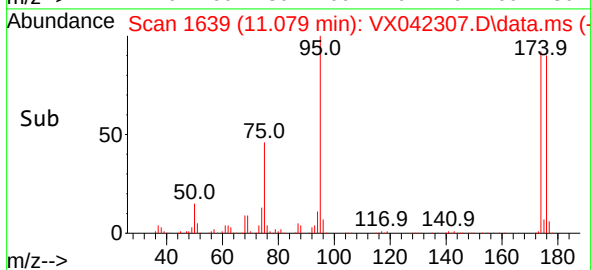
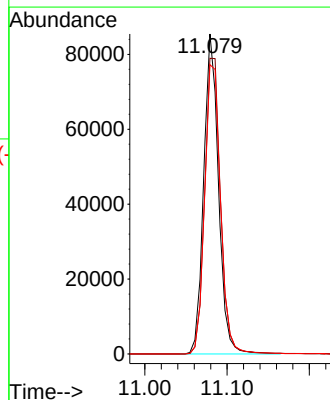
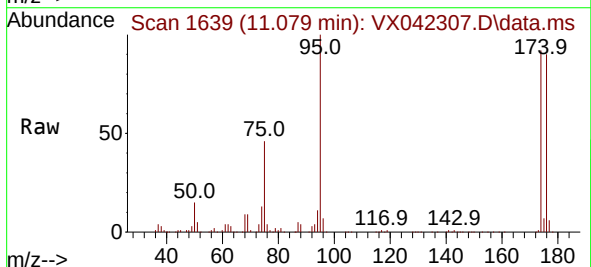
Instrument :
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PB162021ZHE#04

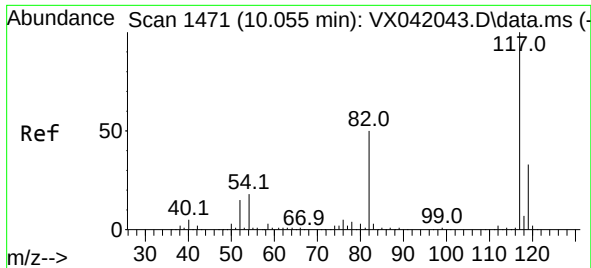
Tgt Ion: 98 Resp: 294411
Ion Ratio Lower Upper
98 100
100 66.5 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 46.611 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX042307.D
Acq: 12 Jul 2024 16:58

Tgt Ion: 95 Resp: 106629
Ion Ratio Lower Upper
95 100
174 99.6 0.0 135.6
176 97.4 0.0 131.0

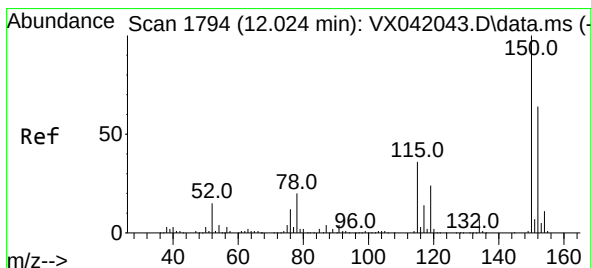
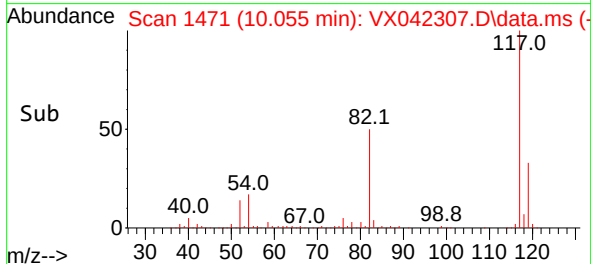
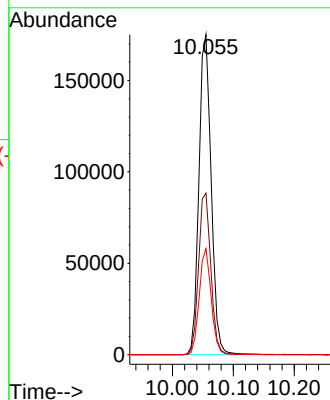
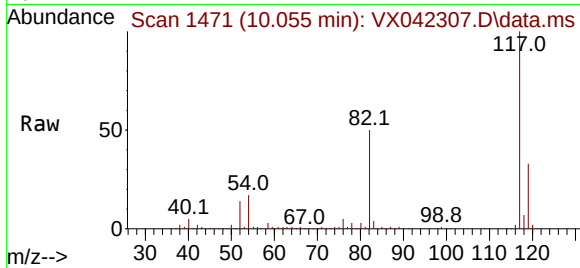




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042307.D
Acq: 12 Jul 2024 16:58

Instrument :
MSVOA_X
ClientSampleId :
PB162021ZHE#04

Tgt Ion:117 Resp: 244630
Ion Ratio Lower Upper
117 100
82 50.4 46.2 69.4
119 33.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX042307.D
Acq: 12 Jul 2024 16:58

Tgt Ion:152 Resp: 115414
Ion Ratio Lower Upper
152 100
115 53.7 43.3 129.9
150 157.9 0.0 345.0

