

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032423\
 Data File : VX034728.D
 Acq On : 24 Mar 2023 18:01
 Operator : JC/MD
 Sample : 02048-05DL 2X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4DL

Quant Time: Mar 27 01:34:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

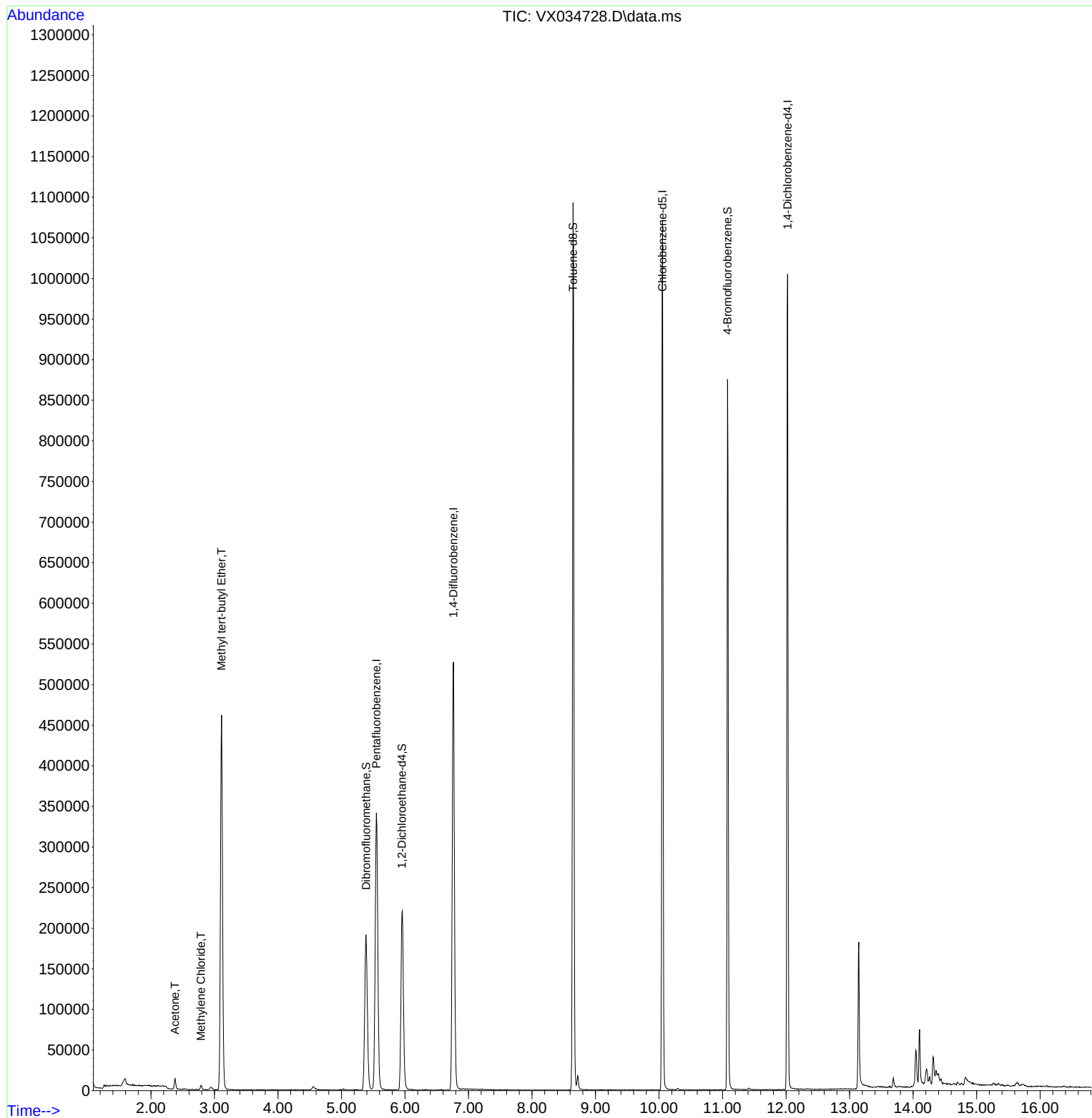
Internal Standards						
1) Pentafluorobenzene	5.550	168	310453	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	523617	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	470010	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	208033	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	225059	49.831	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.660%
35) Dibromofluoromethane	5.385	113	163949	47.423	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.840%
50) Toluene-d8	8.647	98	621686	48.171	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.340%
62) 4-Bromofluorobenzene	11.079	95	240125	46.063	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.120%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	13408	6.302	ug/l	94
19) Methyl tert-butyl Ether	3.111	73	500161	41.102	ug/l	96
20) Methylene Chloride	2.788	84	2327	0.564	ug/l #	88

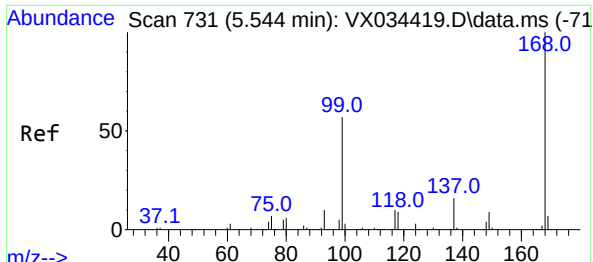
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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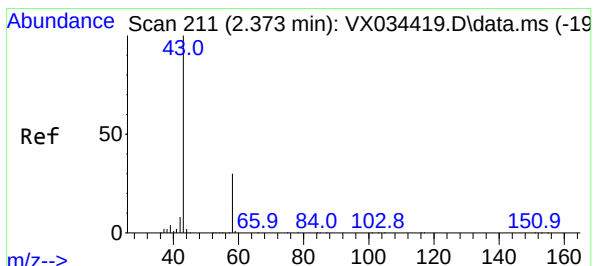
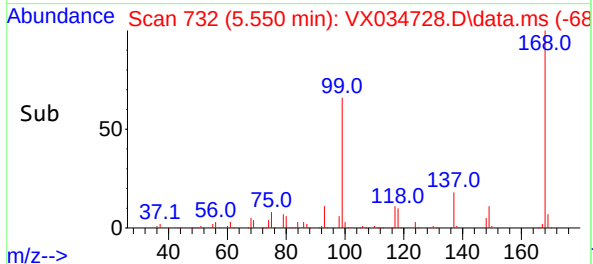
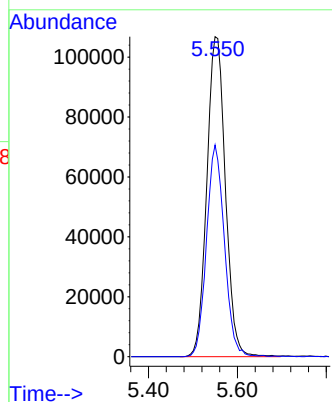
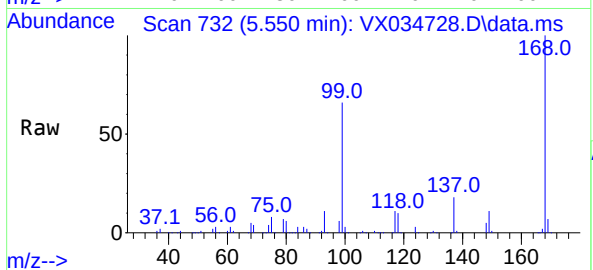




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034728.D
Acq: 24 Mar 2023 18:01

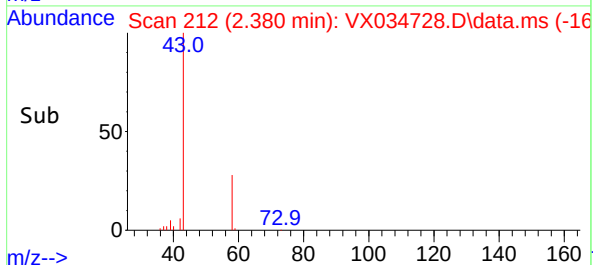
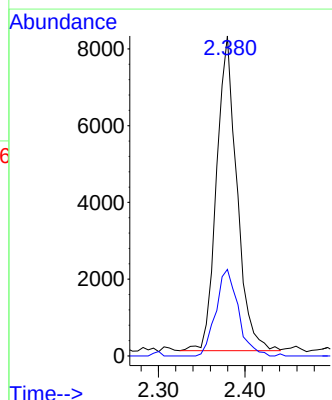
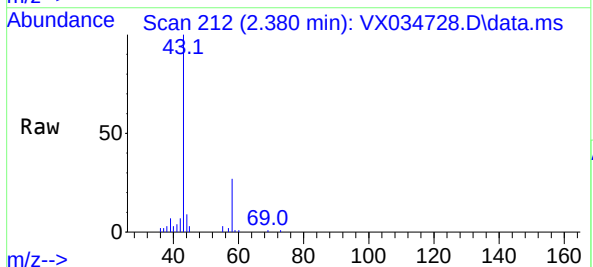
Instrument :
MSVOA_X
ClientSampleId :
MW-4DL

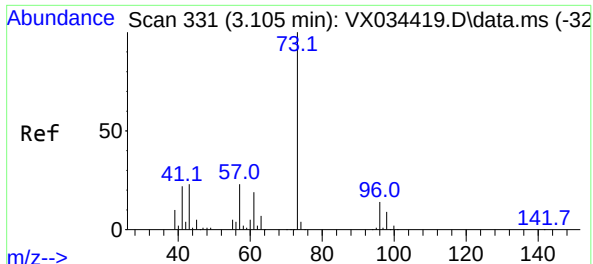
Tgt Ion:168 Resp: 310453
Ion Ratio Lower Upper
168 100
99 66.1 45.7 68.5



#16
Acetone
Concen: 6.302 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX034728.D
Acq: 24 Mar 2023 18:01

Tgt Ion: 43 Resp: 13408
Ion Ratio Lower Upper
43 100
58 27.5 24.7 37.1

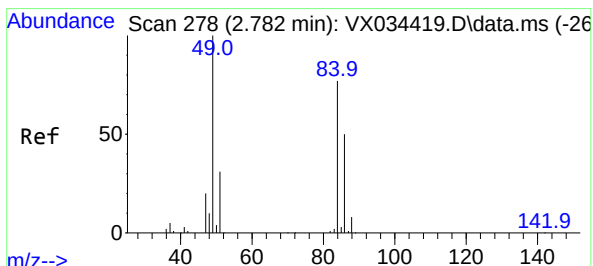
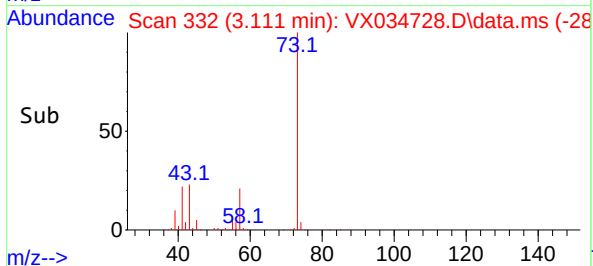
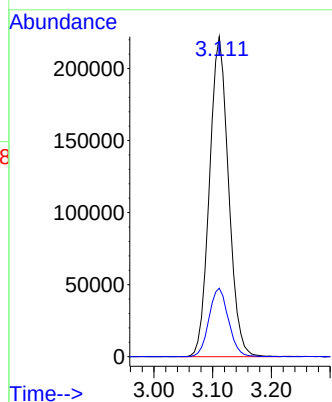
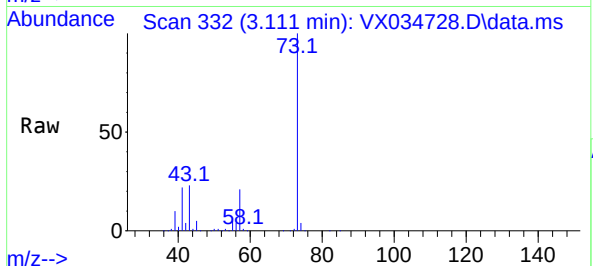




#19
Methyl tert-butyl Ether
Concen: 41.102 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX034728.D
Acq: 24 Mar 2023 18:01

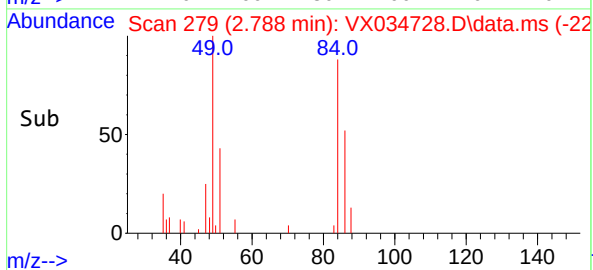
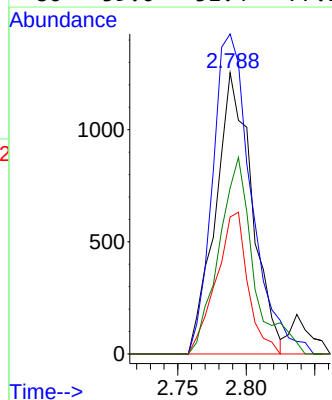
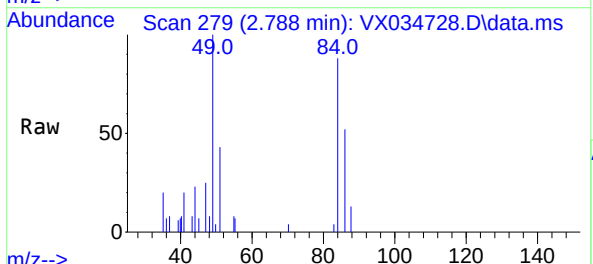
Instrument :
MSVOA_X
ClientSampleId :
MW-4DL

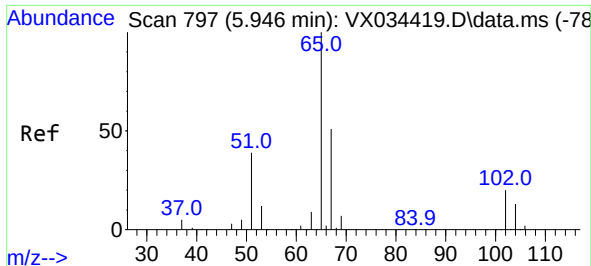
Tgt Ion: 73 Resp: 500161
Ion Ratio Lower Upper
73 100
57 21.4 18.5 27.7



#20
Methylene Chloride
Concen: 0.564 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX034728.D
Acq: 24 Mar 2023 18:01

Tgt Ion: 84 Resp: 2327
Ion Ratio Lower Upper
84 100
49 113.8 103.8 155.8
51 48.7 31.8 47.8#
86 59.0 51.4 77.2





#33

1,2-Dichloroethane-d4

Concen: 49.831 ug/l

RT: 5.952 min Scan# 79

Delta R.T. 0.006 min

Lab File: VX034728.D

Acq: 24 Mar 2023 18:01

Instrument :

MSVOA_X

ClientSampleId :

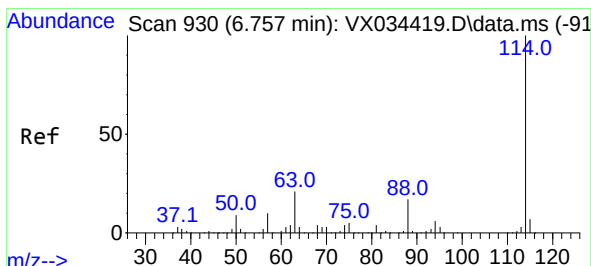
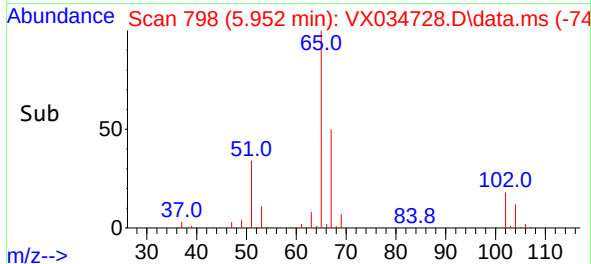
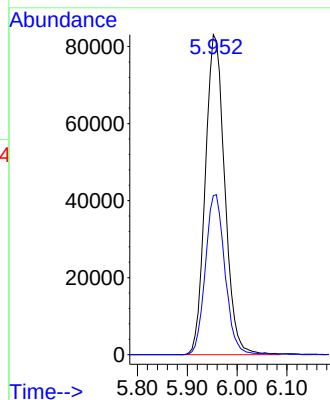
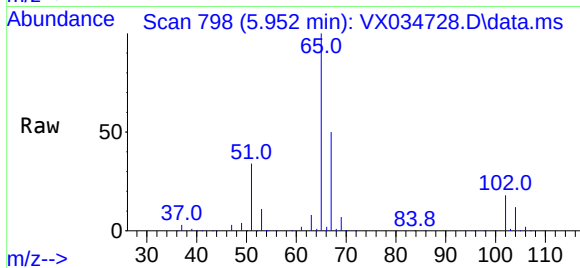
MW-4DL

Tgt Ion: 65 Resp: 225059

Ion Ratio Lower Upper

65 100

67 50.5 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX034728.D

Acq: 24 Mar 2023 18:01

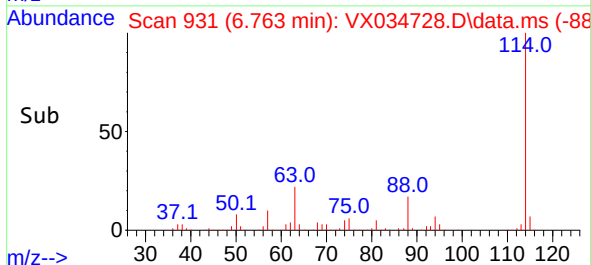
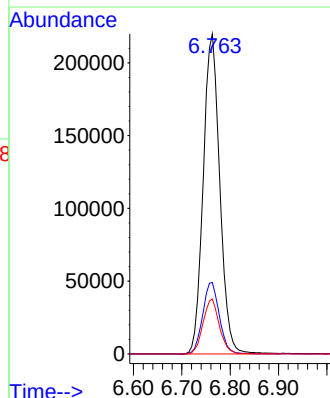
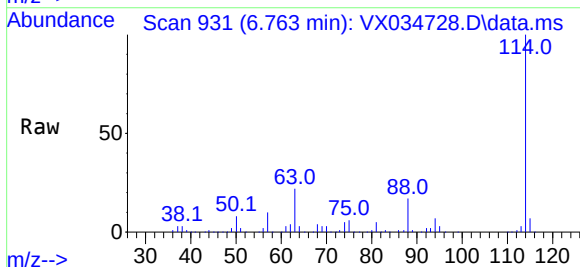
Tgt Ion: 114 Resp: 523617

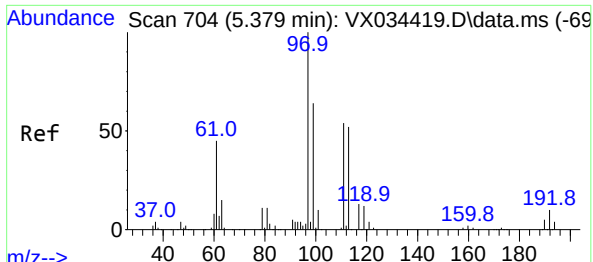
Ion Ratio Lower Upper

114 100

63 22.3 0.0 42.2

88 17.2 0.0 33.2

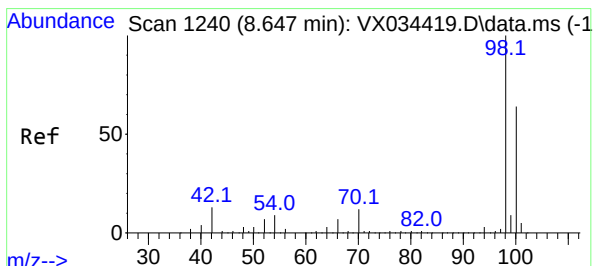
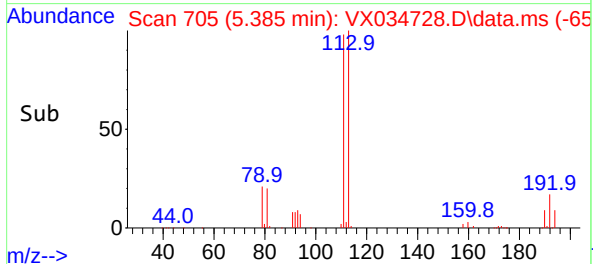
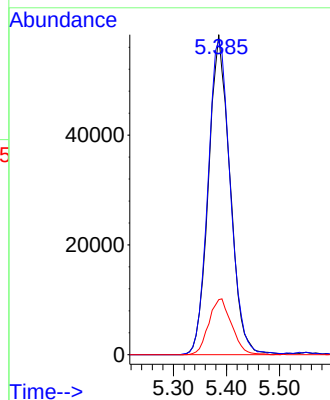
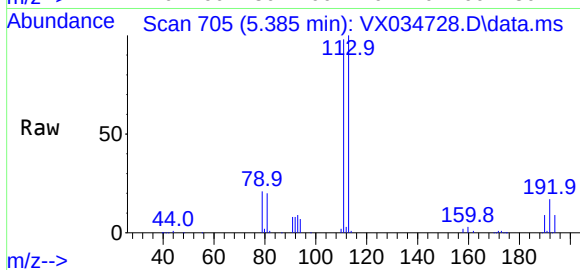




#35
Dibromofluoromethane
Concen: 47.423 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX034728.D
Acq: 24 Mar 2023 18:01

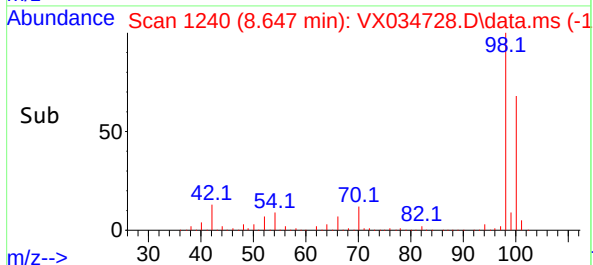
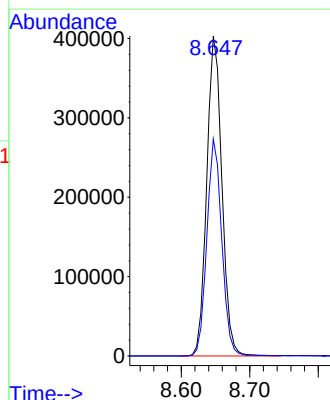
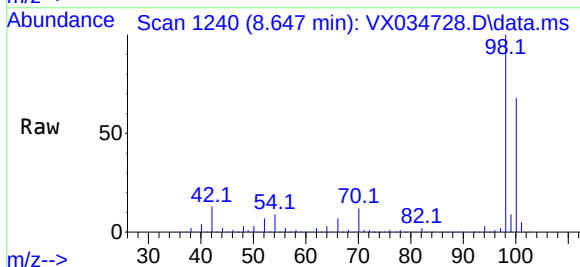
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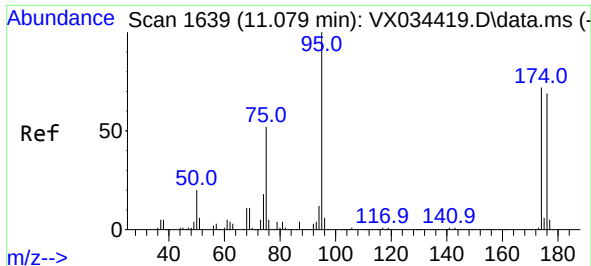
Tgt Ion:113 Resp: 163949
Ion Ratio Lower Upper
113 100
111 102.4 83.7 125.5
192 18.5 15.4 23.2



#50
Toluene-d8
Concen: 48.171 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034728.D
Acq: 24 Mar 2023 18:01

Tgt Ion: 98 Resp: 621686
Ion Ratio Lower Upper
98 100
100 66.8 52.5 78.7

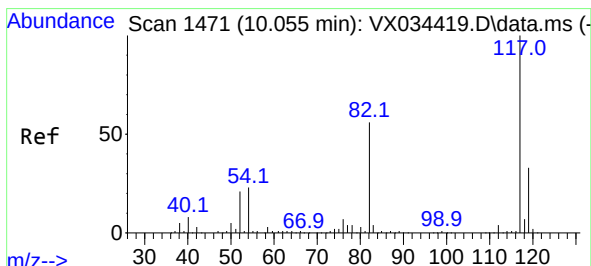
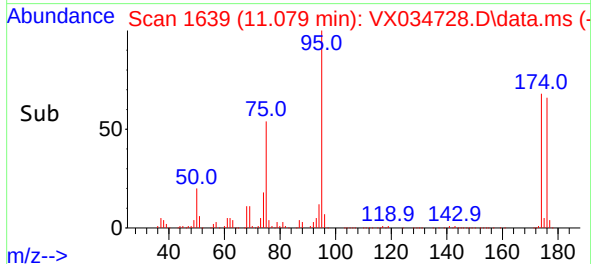
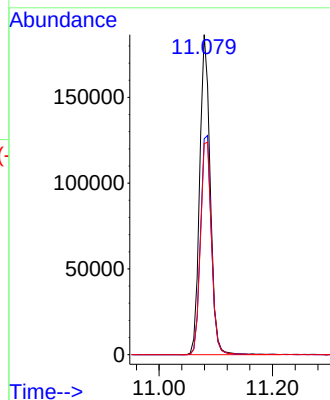
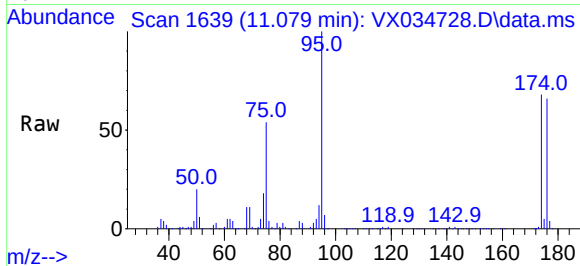




#62
4-Bromofluorobenzene
Concen: 46.063 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034728.D
Acq: 24 Mar 2023 18:01

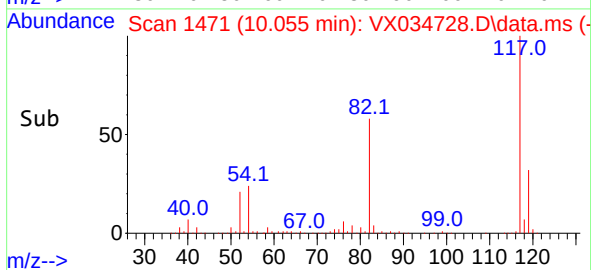
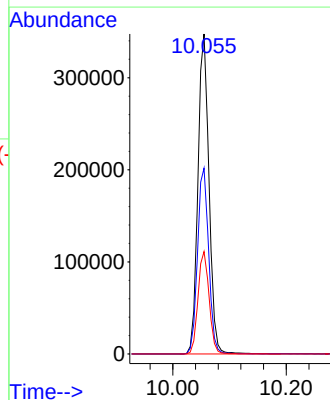
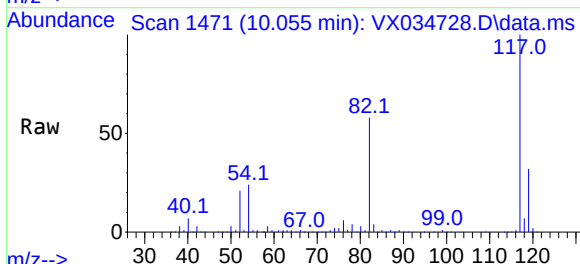
Instrument :
MSVOA_X
ClientSampleId :
MW-4DL

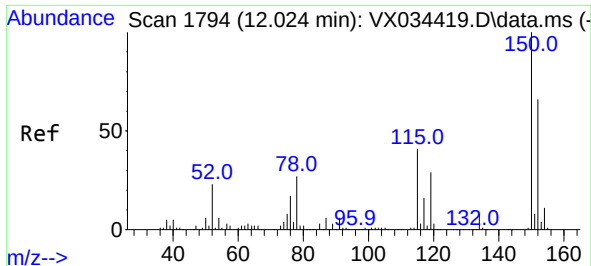
Tgt Ion: 95 Resp: 240125
Ion Ratio Lower Upper
95 100
174 71.0 0.0 147.4
176 69.6 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034728.D
Acq: 24 Mar 2023 18:01

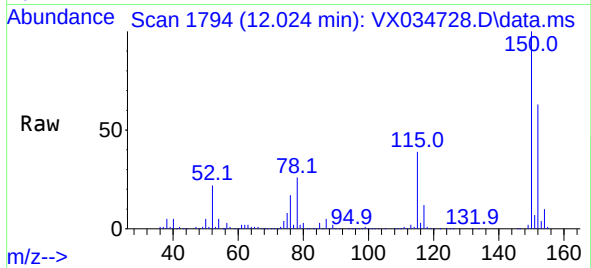
Tgt Ion: 117 Resp: 470010
Ion Ratio Lower Upper
117 100
82 58.0 45.0 67.4
119 32.0 26.0 39.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX034728.D
 Acq: 24 Mar 2023 18:01

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4DL



Tgt Ion:152 Resp: 208033
 Ion Ratio Lower Upper
 152 100
 115 63.7 45.0 135.0
 150 158.0 0.0 352.4

