

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030323\
 Data File : VX034328.D
 Acq On : 03 Mar 2023 17:21
 Operator : JC/MD
 Sample : 01813-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAG

Quant Time: Mar 03 22:15:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

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

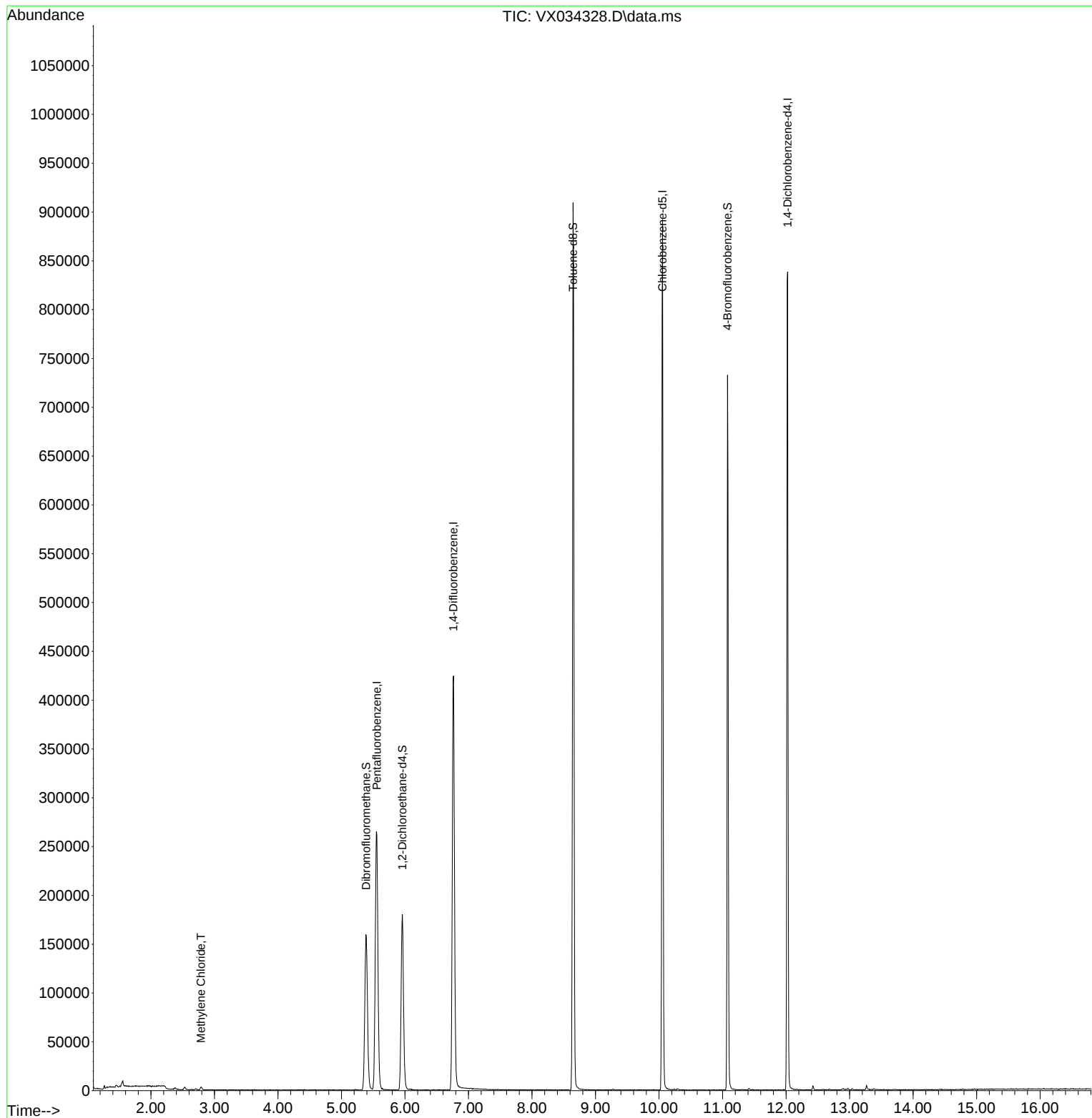
Internal Standards						
1) Pentafluorobenzene	5.556	168	268607	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	447121	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	402487	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	180573	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	163705	45.254	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.500%
35) Dibromofluoromethane	5.385	113	139813	48.026	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.060%
50) Toluene-d8	8.647	98	540943	51.754	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	103.500%
62) 4-Bromofluorobenzene	11.079	95	186052	46.536	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.080%
Target Compounds						
20) Methylene Chloride	2.788	84	1295	0.385	ug/l	Qvalue 90

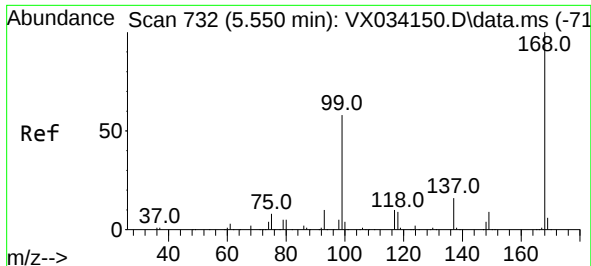
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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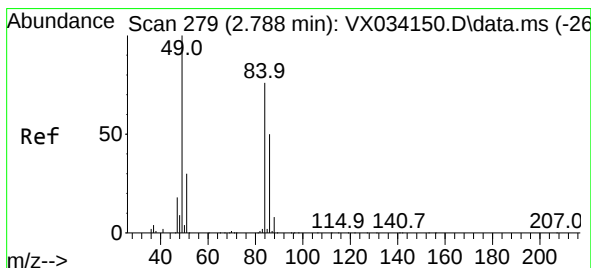
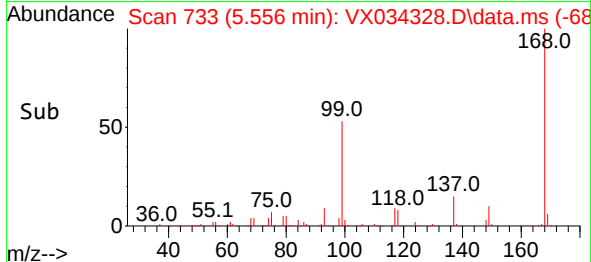
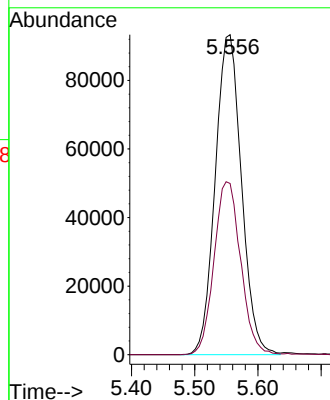
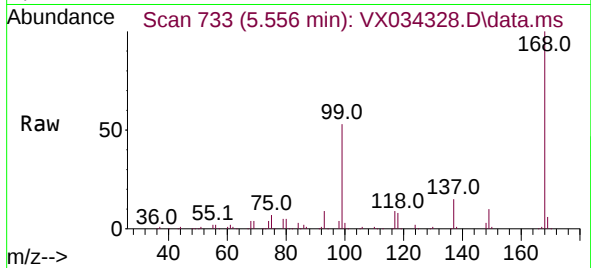




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034328.D
Acq: 03 Mar 2023 17:21

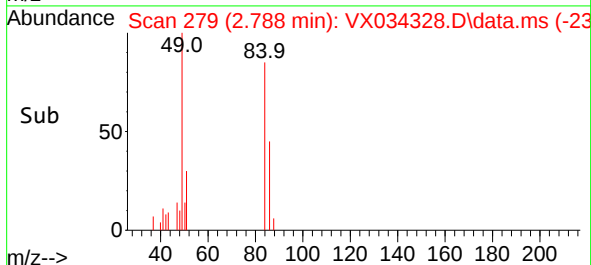
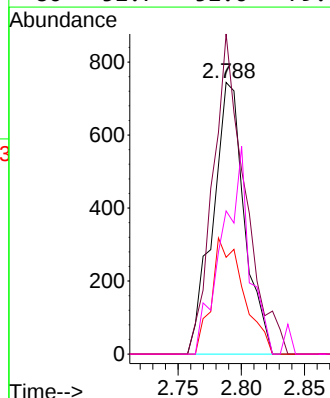
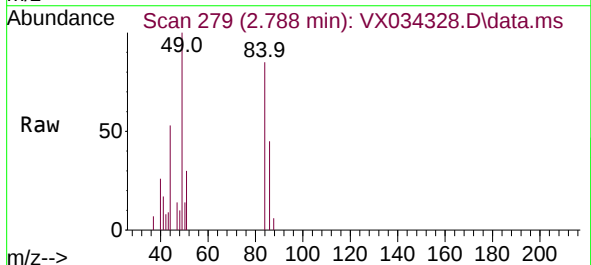
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

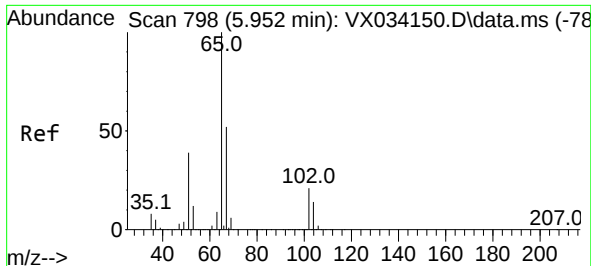
Tgt Ion:168 Resp: 268607
Ion Ratio Lower Upper
168 100
99 53.5 39.6 59.4



#20
Methylene Chloride
Concen: 0.385 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX034328.D
Acq: 03 Mar 2023 17:21

Tgt Ion: 84 Resp: 1295
Ion Ratio Lower Upper
84 100
49 117.9 101.1 151.7
51 35.6 31.0 46.6
86 52.7 52.6 79.0





#33

1,2-Dichloroethane-d4

Concen: 45.254 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX034328.D

Acq: 03 Mar 2023 17:21

Instrument :

MSVOA_X

ClientSampleId :

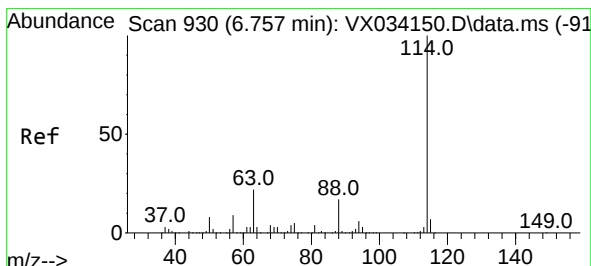
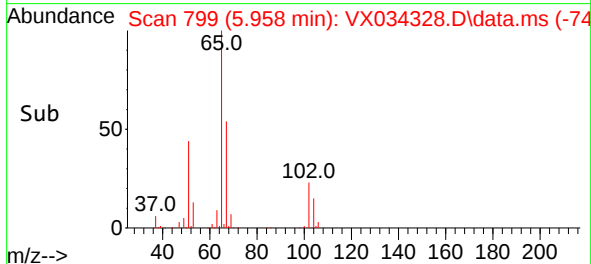
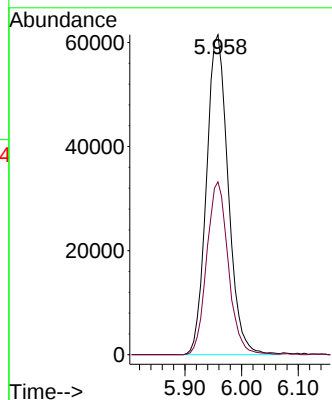
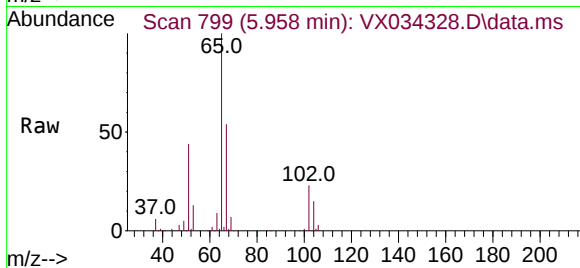
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 65 Resp: 163705

Ion Ratio Lower Upper

65 100

67 53.7 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX034328.D

Acq: 03 Mar 2023 17:21

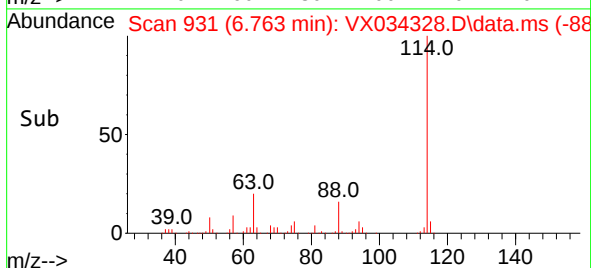
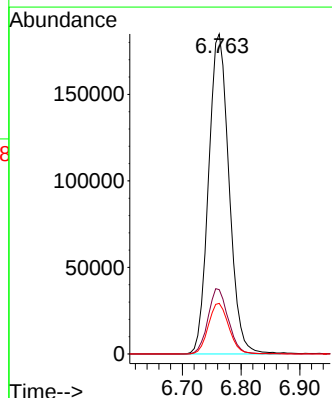
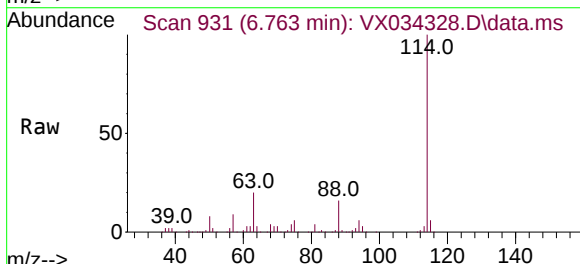
Tgt Ion: 114 Resp: 447121

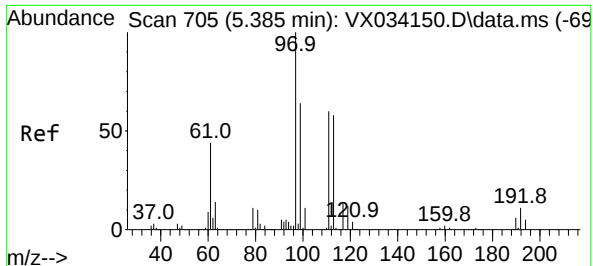
Ion Ratio Lower Upper

114 100

63 20.1 0.0 37.4

88 15.8 0.0 30.6

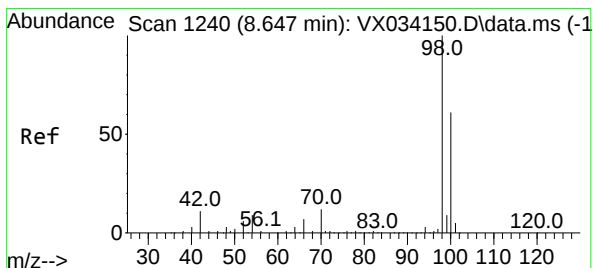
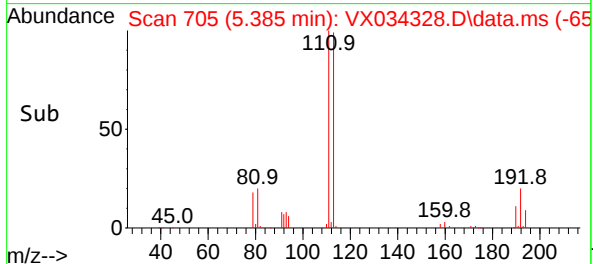
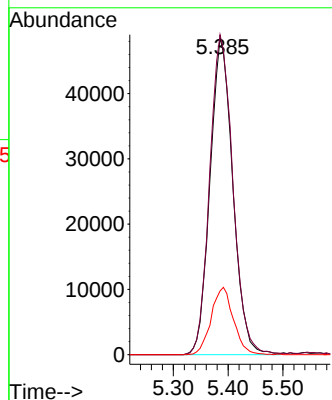
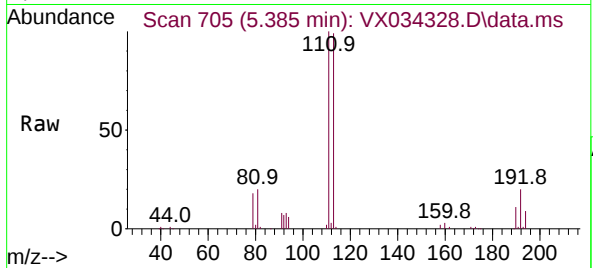




#35
 Dibromofluoromethane
 Concen: 48.026 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.000 min
 Lab File: VX034328.D
 Acq: 03 Mar 2023 17:21

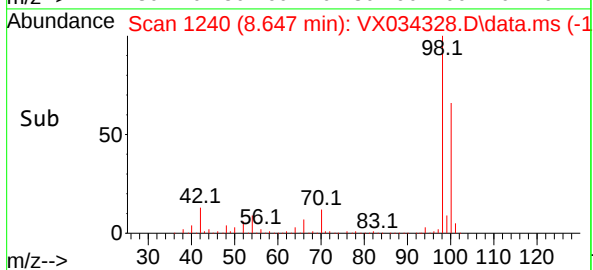
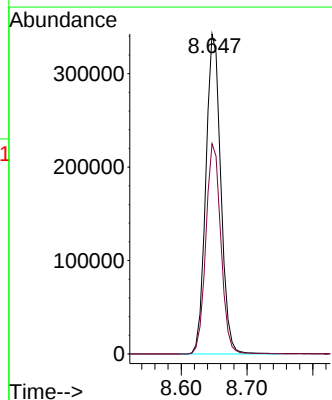
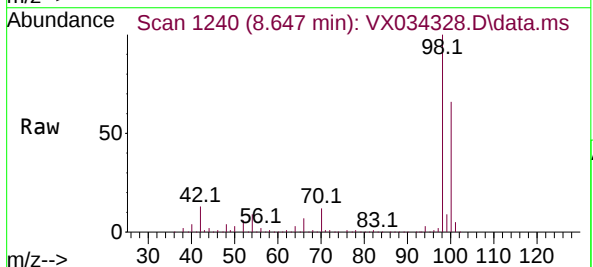
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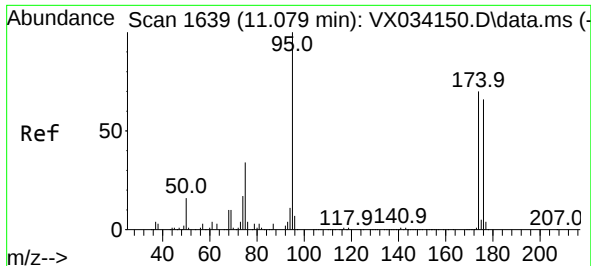
Tgt Ion:113 Resp: 139813
 Ion Ratio Lower Upper
 113 100
 111 103.1 83.0 124.6
 192 20.8 19.0 28.4



#50
 Toluene-d8
 Concen: 51.754 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. 0.000 min
 Lab File: VX034328.D
 Acq: 03 Mar 2023 17:21

Tgt Ion: 98 Resp: 540943
 Ion Ratio Lower Upper
 98 100
 100 66.0 53.6 80.4

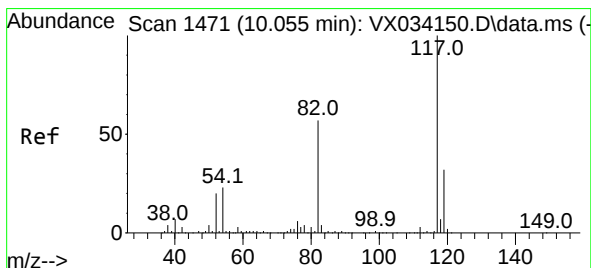
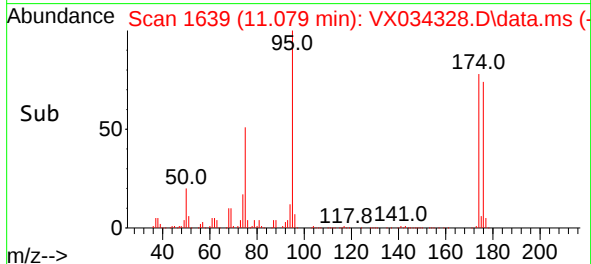
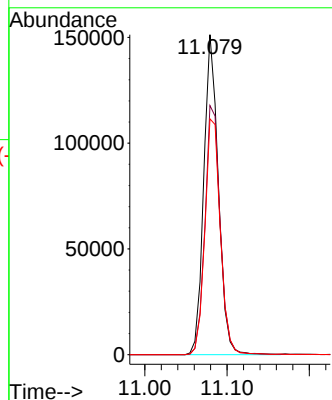
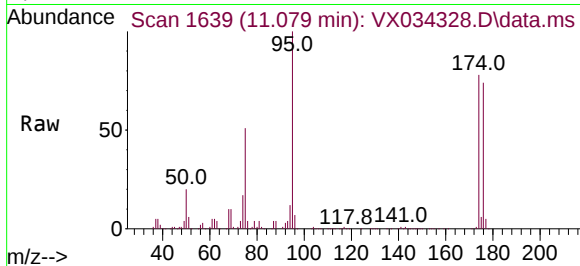




#62
4-Bromofluorobenzene
Concen: 46.536 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034328.D
Acq: 03 Mar 2023 17:21

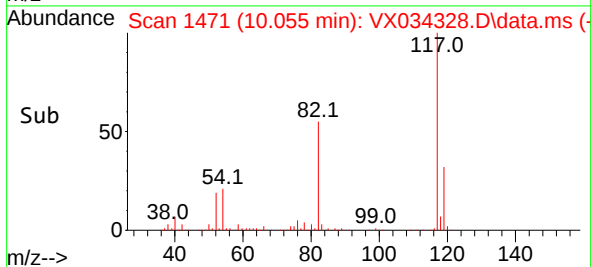
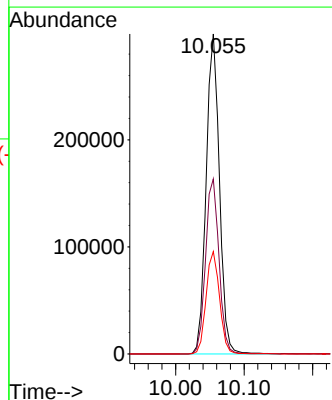
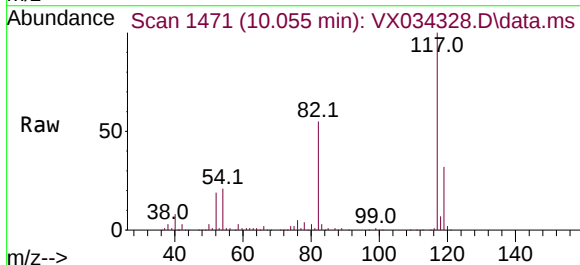
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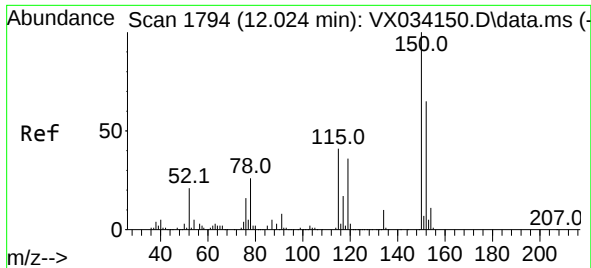
Tgt Ion: 95 Resp: 186052
Ion Ratio Lower Upper
95 100
174 81.5 0.0 184.4
176 78.4 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034328.D
Acq: 03 Mar 2023 17:21

Tgt Ion: 117 Resp: 402487
Ion Ratio Lower Upper
117 100
82 54.7 40.6 60.8
119 32.0 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX034328.D

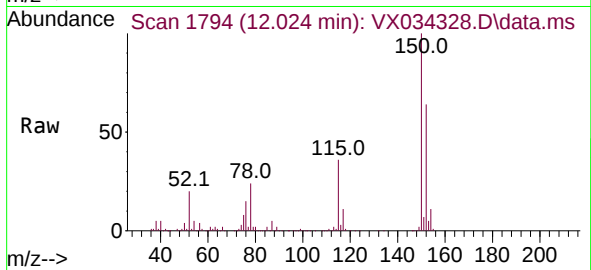
Acq: 03 Mar 2023 17:21

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG



Tgt Ion:152 Resp: 180573

Ion Ratio Lower Upper

152 100

115 58.3 38.7 116.1

150 156.4 0.0 348.2

