

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031323\
 Data File : VX034428.D
 Acq On : 13 Mar 2023 13:27
 Operator : JC/MD
 Sample : 01879-14 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP02-20230308

Quant Time: Mar 14 02:24:13 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)

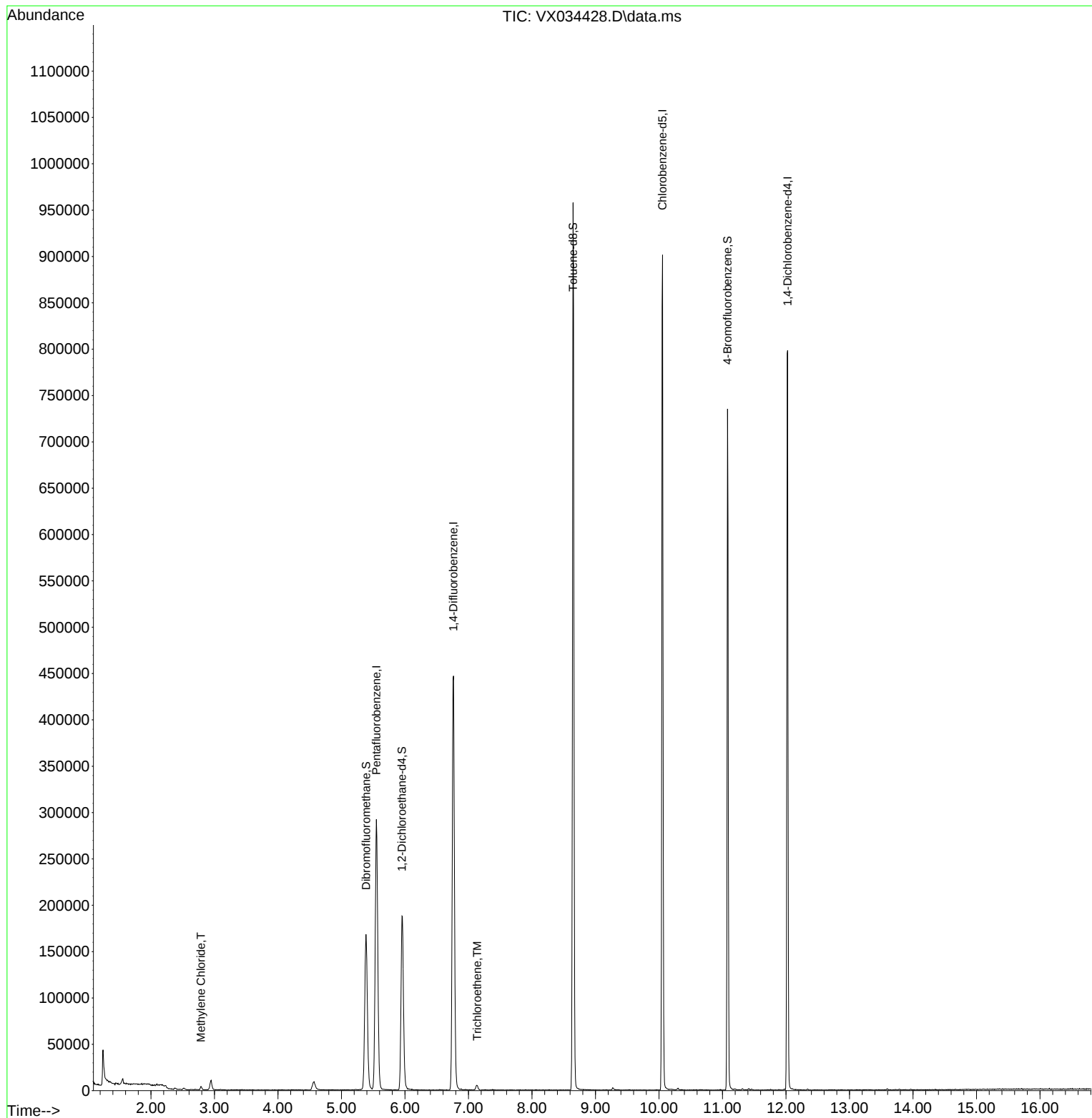
Internal Standards						
1) Pentafluorobenzene	5.550	168	278049	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	463303	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	394810	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	167588	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	178638	44.162	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.320%
35) Dibromofluoromethane	5.385	113	146737	47.970	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.940%
50) Toluene-d8	8.647	98	553888	48.505	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.000%
62) 4-Bromofluorobenzene	11.079	95	185715	40.263	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	80.520%#
Target Compounds						
					Qvalue	
20) Methylene Chloride	2.788	84	1398	0.378	ug/l #	84
44) Trichloroethene	7.135	130	2392	0.670	ug/l	95

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

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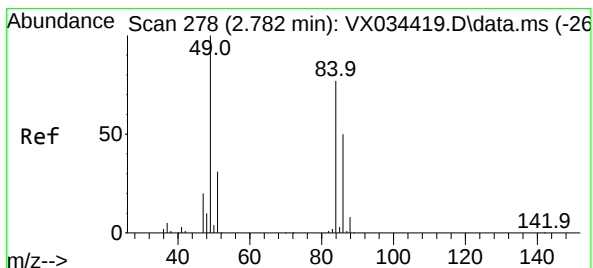
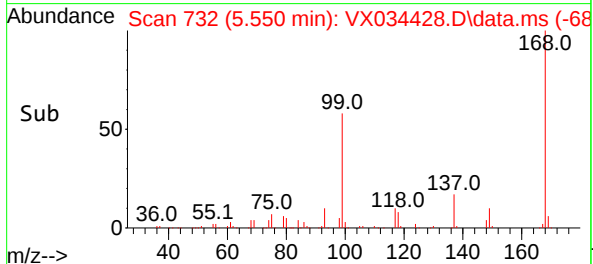
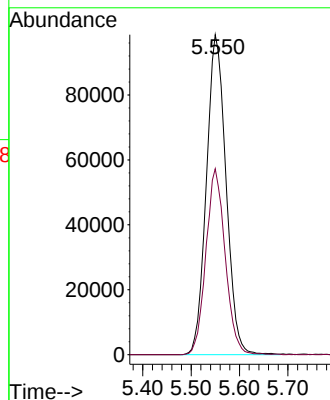
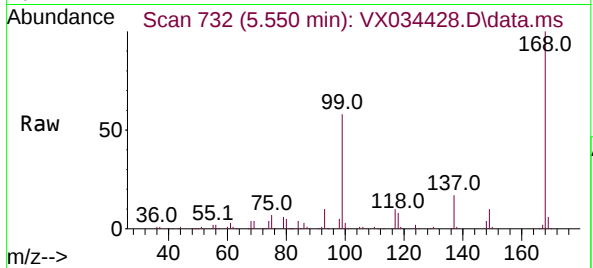




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034428.D
Acq: 13 Mar 2023 13:27

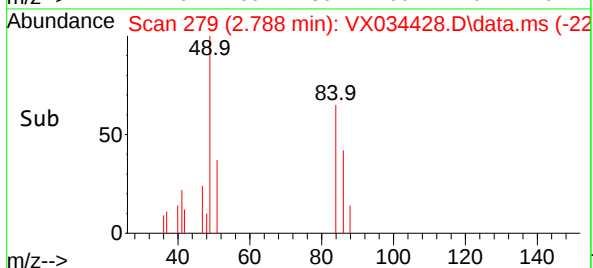
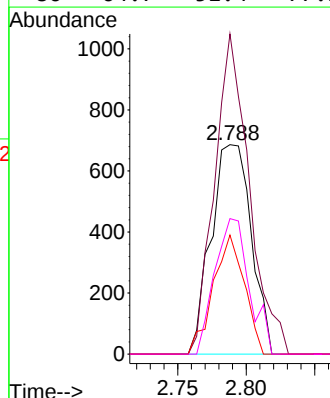
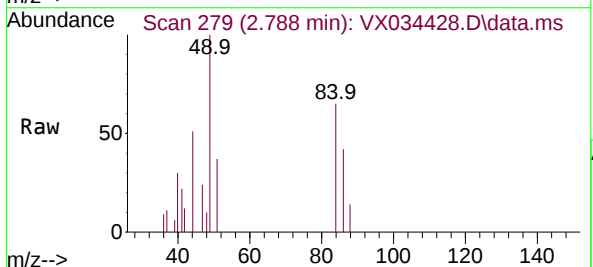
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20230308

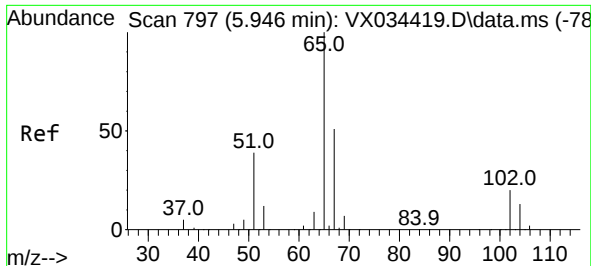
Tgt Ion:168 Resp: 278049
Ion Ratio Lower Upper
168 100
99 58.1 45.7 68.5



#20
Methylene Chloride
Concen: 0.378 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX034428.D
Acq: 13 Mar 2023 13:27

Tgt Ion: 84 Resp: 1398
Ion Ratio Lower Upper
84 100
49 152.9 103.8 155.8
51 56.9 31.8 47.8#
86 64.7 51.4 77.2





#33

1,2-Dichloroethane-d4

Concen: 44.162 ug/l

RT: 5.952 min Scan# 797

Delta R.T. 0.006 min

Lab File: VX034428.D

Acq: 13 Mar 2023 13:27

Instrument :

MSVOA_X

ClientSampleId :

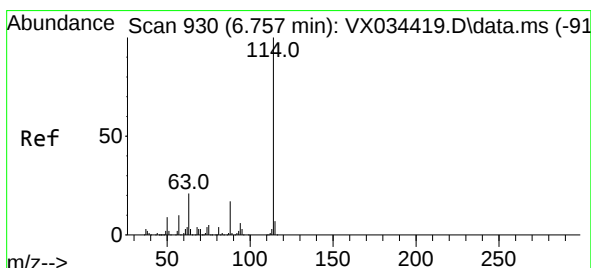
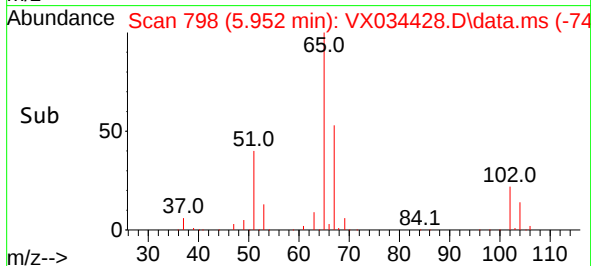
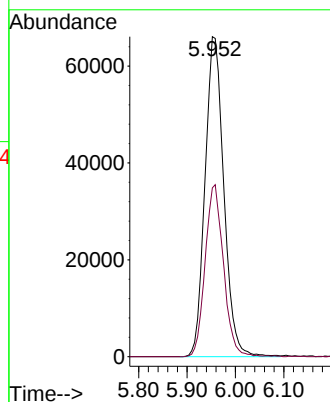
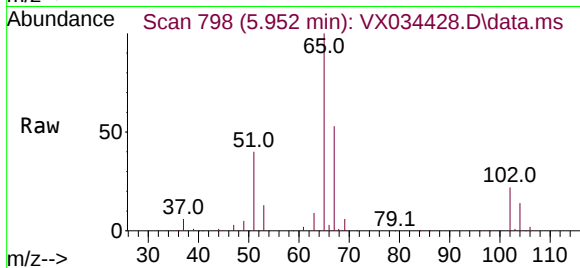
DUP02-20230308

Tgt Ion: 65 Resp: 178638

Ion Ratio Lower Upper

65 100

67 52.4 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: VX034428.D

Acq: 13 Mar 2023 13:27

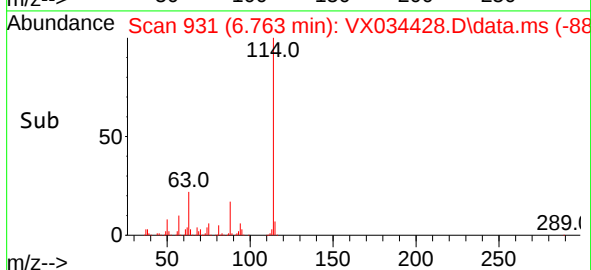
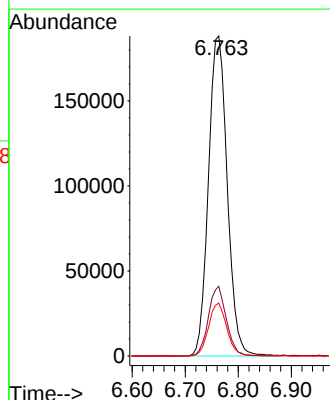
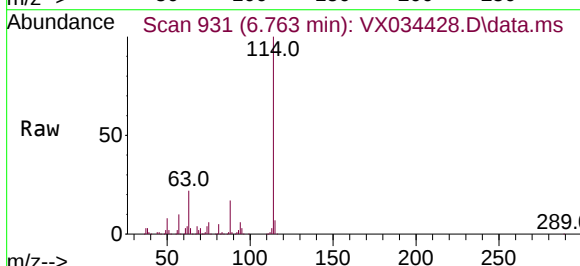
Tgt Ion: 114 Resp: 463303

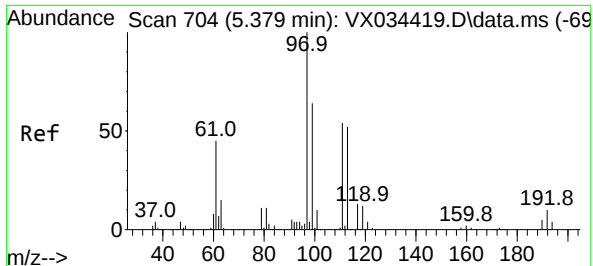
Ion Ratio Lower Upper

114 100

63 21.8 0.0 42.2

88 16.5 0.0 33.2

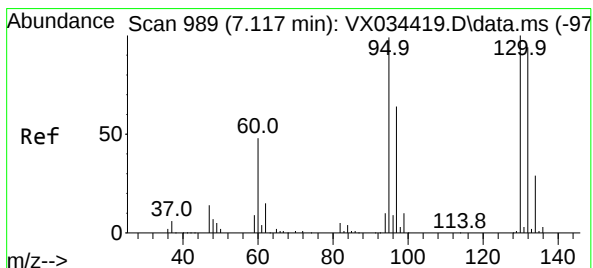
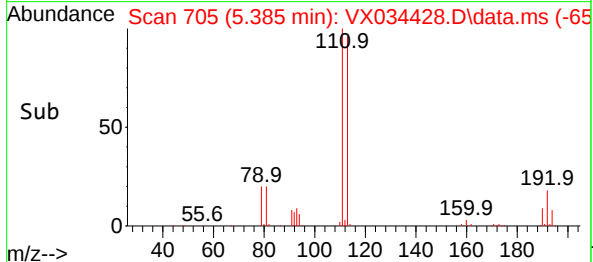
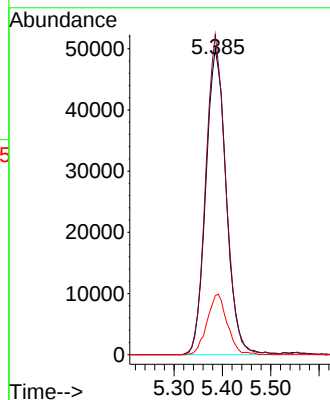
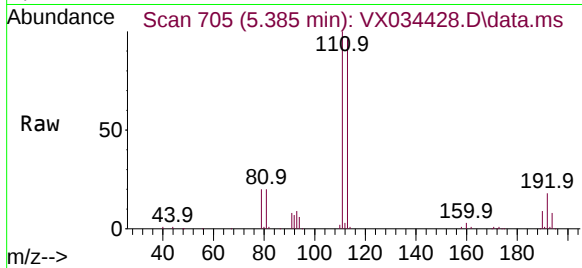




#35
Dibromofluoromethane
Concen: 47.970 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX034428.D
Acq: 13 Mar 2023 13:27

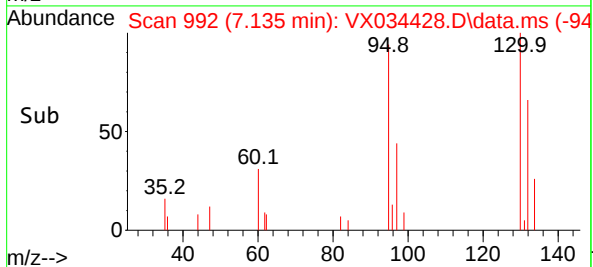
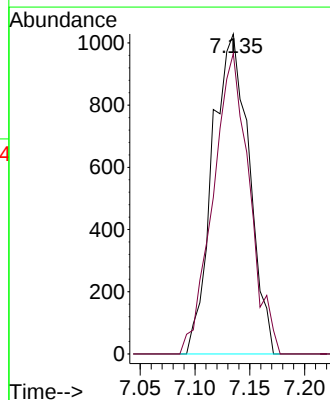
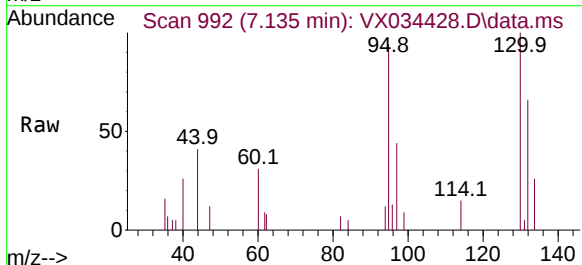
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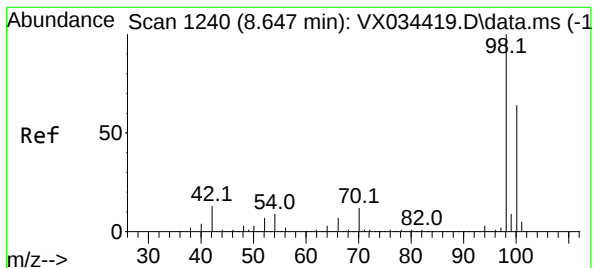
Tgt Ion:113 Resp: 146737
Ion Ratio Lower Upper
113 100
111 102.7 83.7 125.5
192 19.5 15.4 23.2



#44
Trichloroethene
Concen: 0.670 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.018 min
Lab File: VX034428.D
Acq: 13 Mar 2023 13:27

Tgt Ion:130 Resp: 2392
Ion Ratio Lower Upper
130 100
95 93.9 0.0 198.4





#50

Toluene-d8

Concen: 48.505 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX034428.D

Acq: 13 Mar 2023 13:27

Instrument :

MSVOA_X

ClientSampleId :

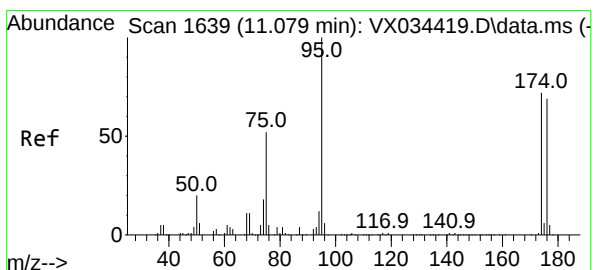
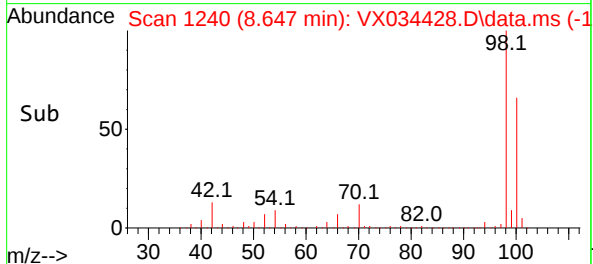
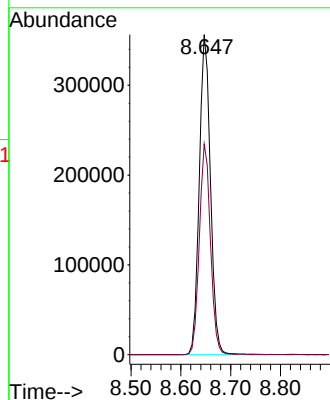
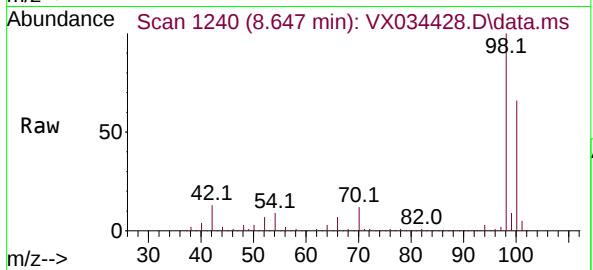
DUP02-20230308

Tgt Ion: 98 Resp: 553888

Ion Ratio Lower Upper

98 100

100 65.5 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 40.263 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX034428.D

Acq: 13 Mar 2023 13:27

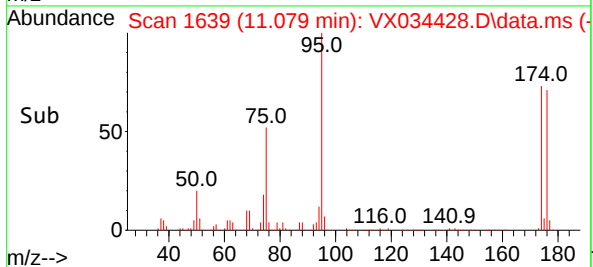
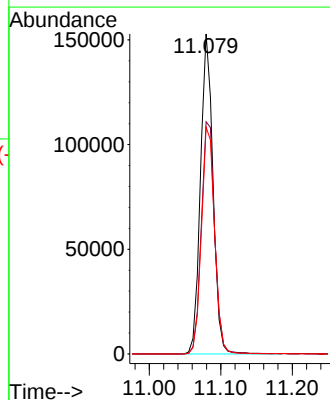
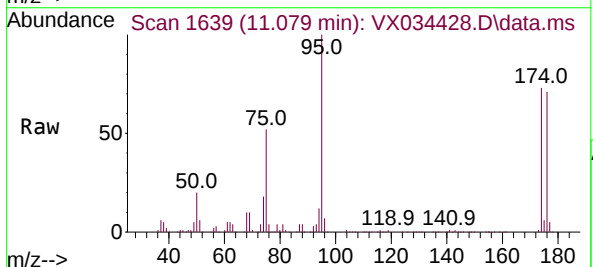
Tgt Ion: 95 Resp: 185715

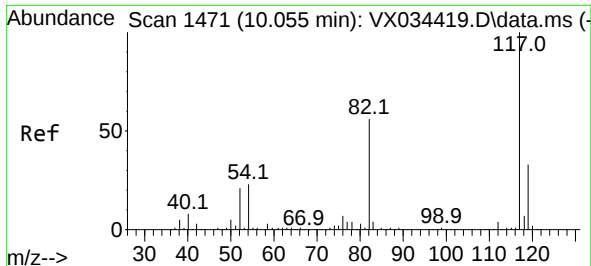
Ion Ratio Lower Upper

95 100

174 77.6 0.0 147.4

176 74.6 0.0 140.6

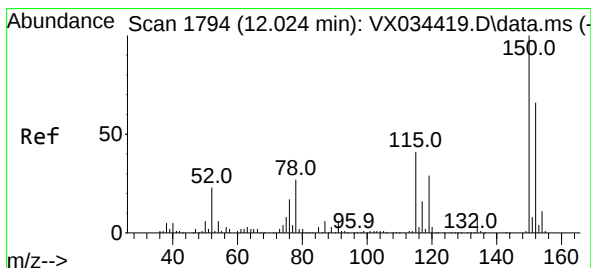
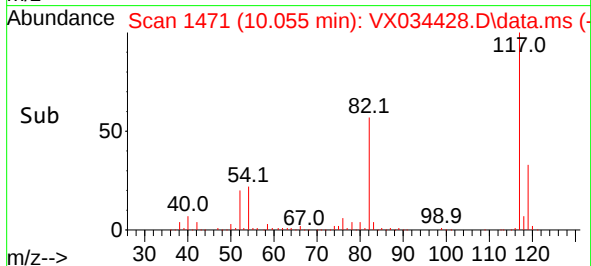
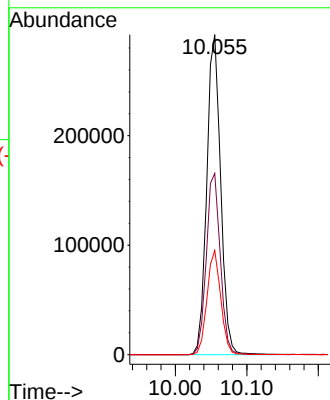
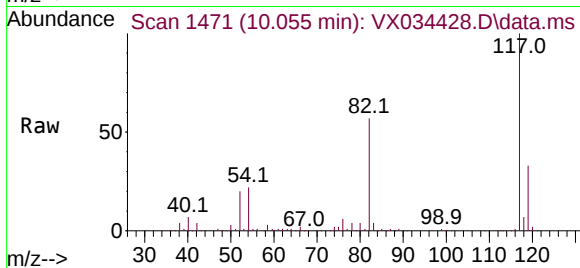




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034428.D
Acq: 13 Mar 2023 13:27

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20230308

Tgt Ion:117 Resp: 394810
Ion Ratio Lower Upper
117 100
82 56.6 45.0 67.4
119 32.6 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034428.D
Acq: 13 Mar 2023 13:27

Tgt Ion:152 Resp: 167588
Ion Ratio Lower Upper
152 100
115 59.4 45.0 135.0
150 156.6 0.0 352.4

