

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031323\
 Data File : VX034435.D
 Acq On : 13 Mar 2023 16:12
 Operator : JC/MD
 Sample : 01879-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE109D3-20230308

Quant Time: Mar 14 02:26:36 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)

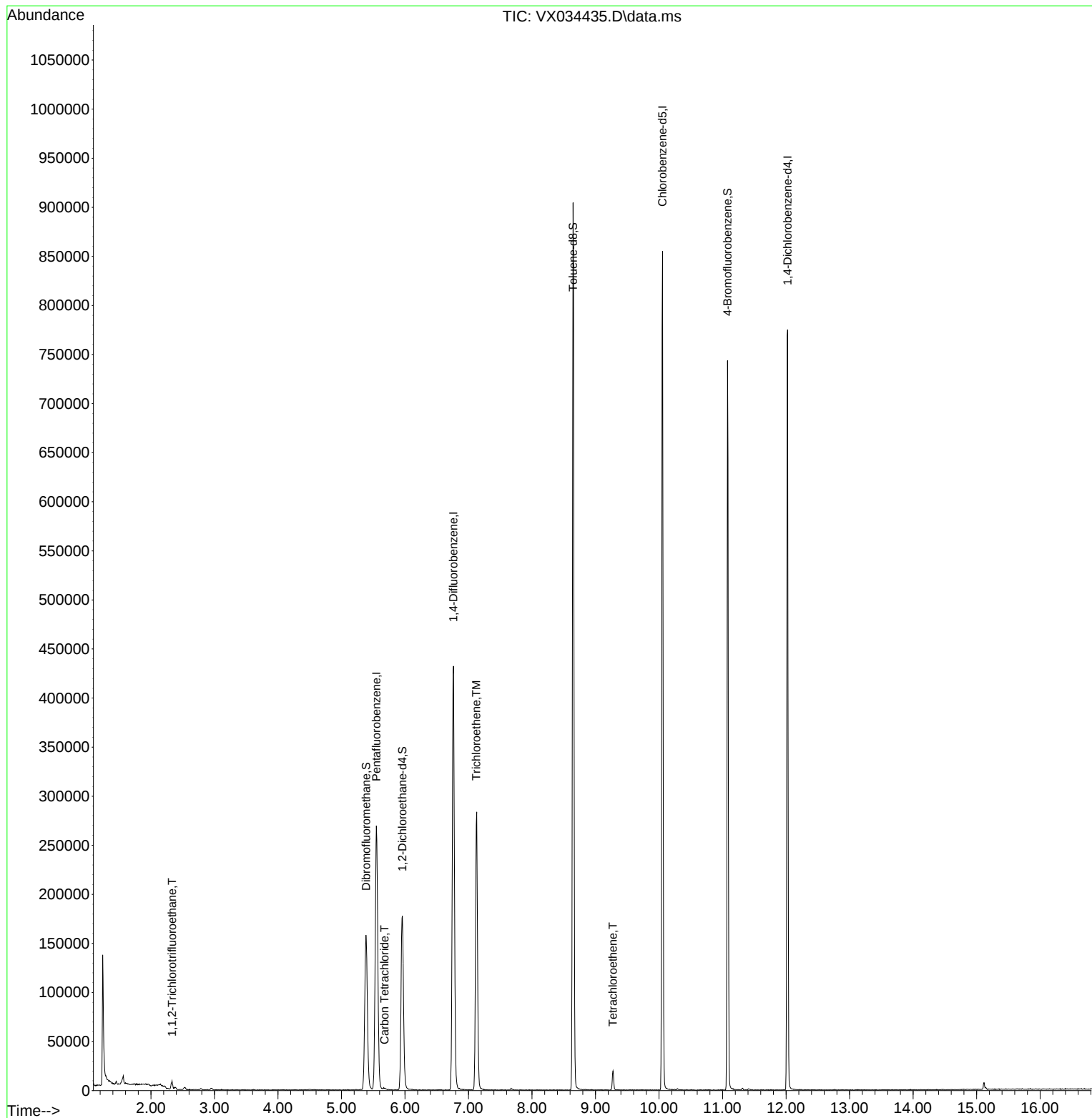
Internal Standards						
1) Pentafluorobenzene	5.550	168	255673	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	435106	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	381236	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	159429	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	168744	45.367	ug/l	0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.740%
35) Dibromofluoromethane	5.385	113	138190	48.103	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.200%
50) Toluene-d8	8.647	98	526415	49.086	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.180%
62) 4-Bromofluorobenzene	11.079	95	190572	43.994	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.980%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.331	101	2619	0.922	ug/l	95
38) Carbon Tetrachloride	5.678	117	1493	0.340	ug/l	92
44) Trichloroethene	7.123	130	108326	32.299	ug/l	97
64) Tetrachloroethene	9.275	164	3210	1.253	ug/l	93

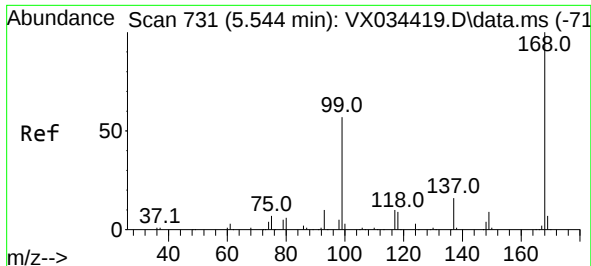
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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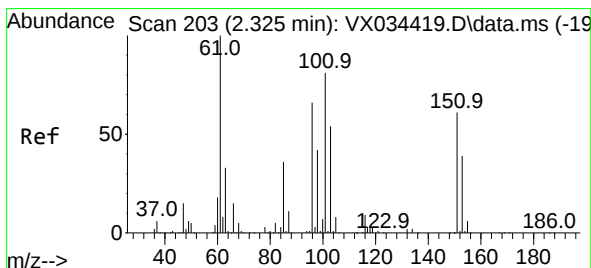
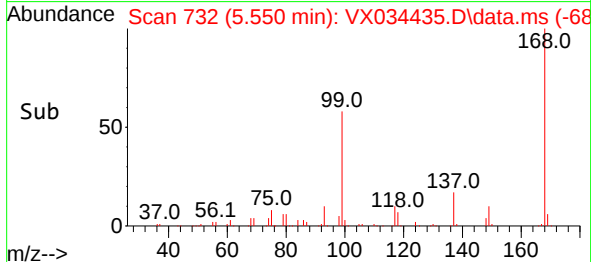
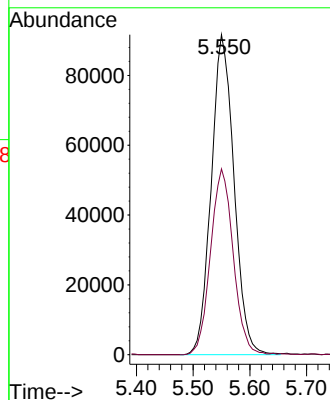
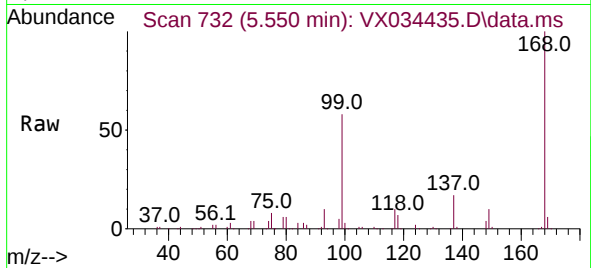




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034435.D
Acq: 13 Mar 2023 16:12

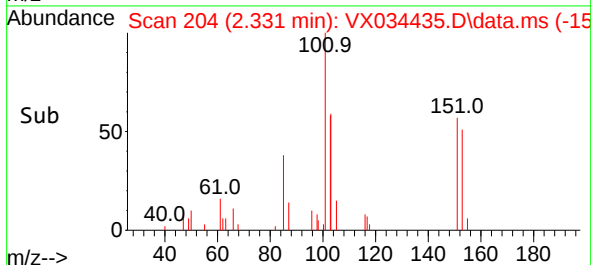
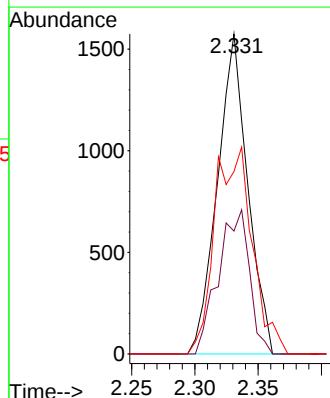
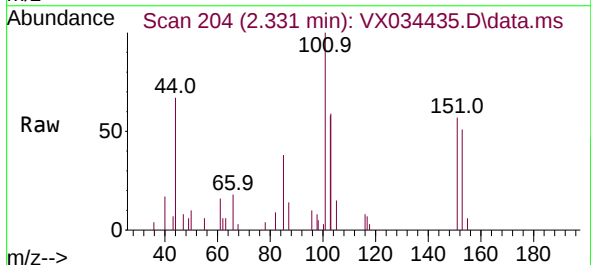
Instrument :
MSVOA_X
ClientSampleId :
RE109D3-20230308

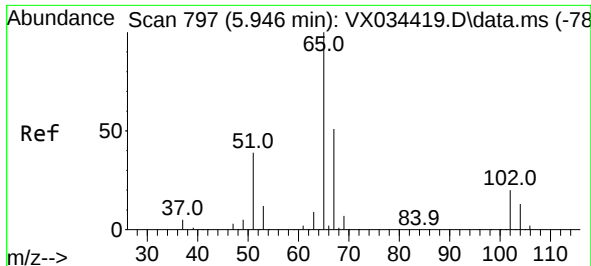
Tgt Ion:168 Resp: 255673
Ion Ratio Lower Upper
168 100
99 58.1 45.7 68.5



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.922 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX034435.D
Acq: 13 Mar 2023 16:12

Tgt Ion:101 Resp: 2619
Ion Ratio Lower Upper
101 100
85 46.3 35.4 53.2
151 80.5 60.2 90.4





#33

1,2-Dichloroethane-d4

Concen: 45.367 ug/l

RT: 5.958 min Scan# 797

Delta R.T. 0.012 min

Lab File: VX034435.D

Acq: 13 Mar 2023 16:12

Instrument :

MSVOA_X

ClientSampleId :

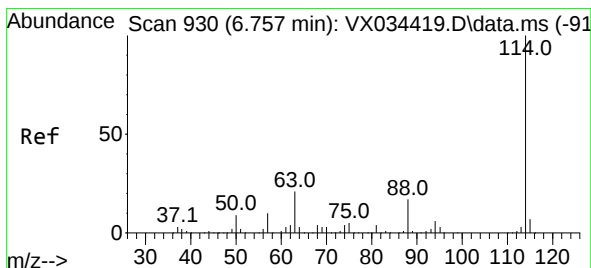
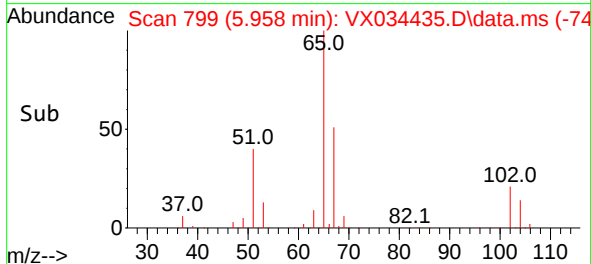
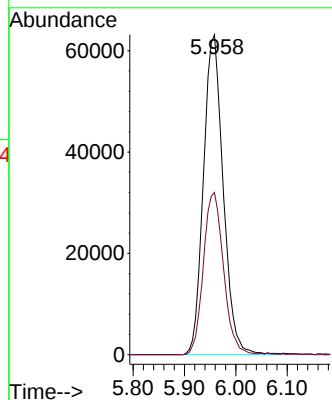
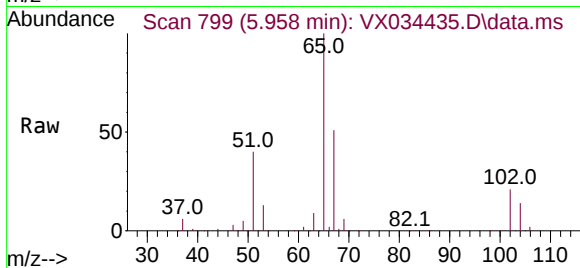
RE109D3-20230308

Tgt Ion: 65 Resp: 168744

Ion Ratio Lower Upper

65 100

67 51.6 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: VX034435.D

Acq: 13 Mar 2023 16:12

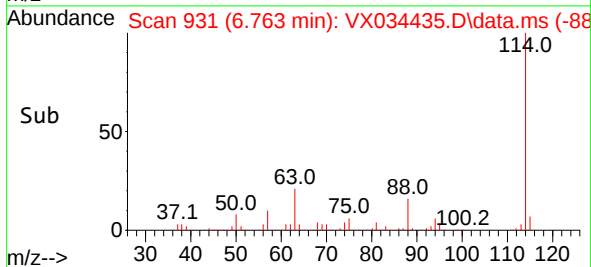
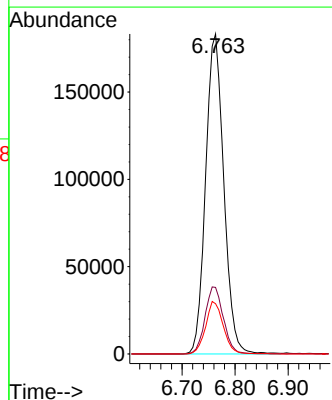
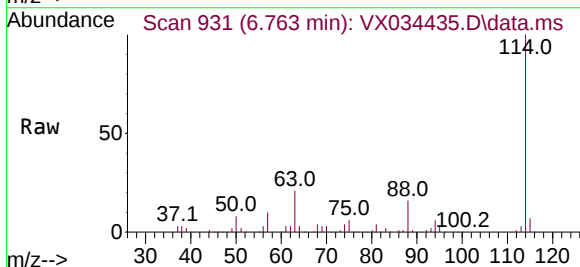
Tgt Ion: 114 Resp: 435106

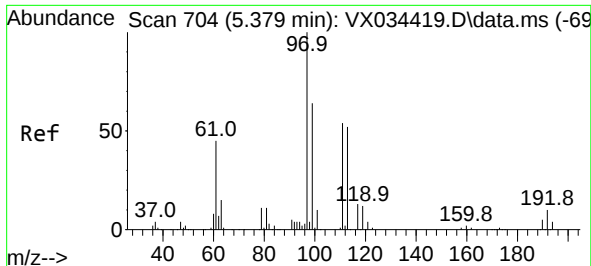
Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.2

88 15.7 0.0 33.2

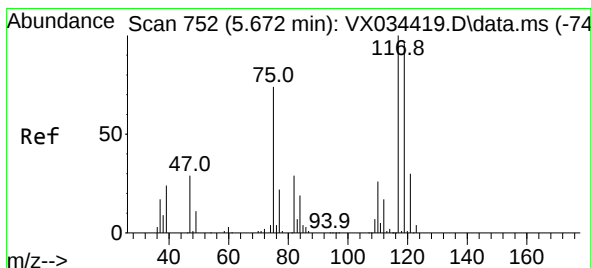
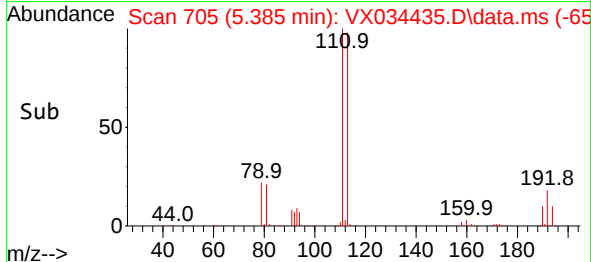
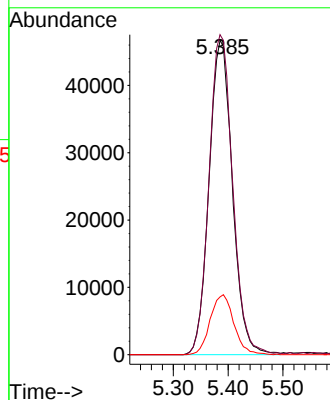
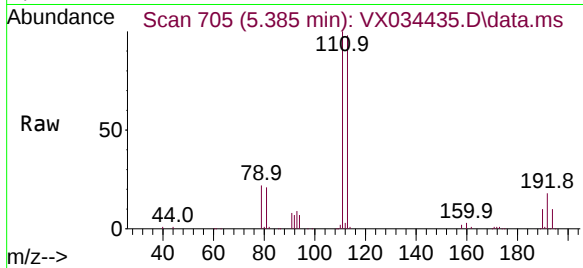




#35
Dibromofluoromethane
Concen: 48.103 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX034435.D
Acq: 13 Mar 2023 16:12

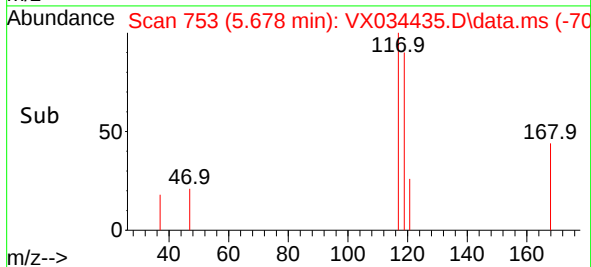
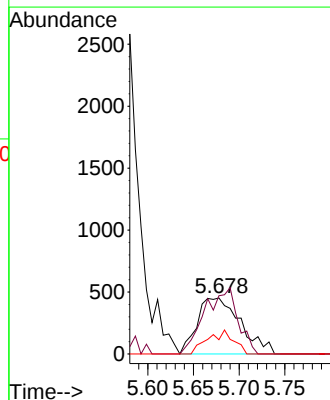
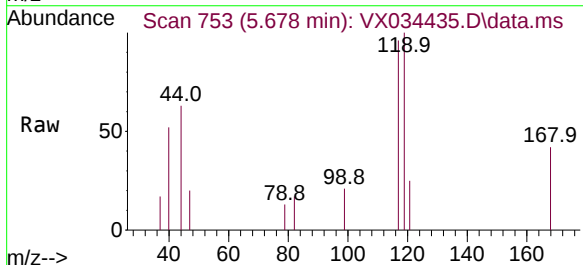
Instrument :
MSVOA_X
ClientSampleId :
RE109D3-20230308

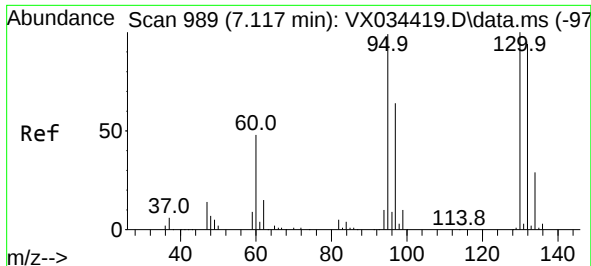
Tgt Ion:113 Resp: 138190
Ion Ratio Lower Upper
113 100
111 102.9 83.7 125.5
192 19.3 15.4 23.2



#38
Carbon Tetrachloride
Concen: 0.340 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.006 min
Lab File: VX034435.D
Acq: 13 Mar 2023 16:12

Tgt Ion:117 Resp: 1493
Ion Ratio Lower Upper
117 100
119 103.8 76.6 114.8
121 25.6 23.8 35.6

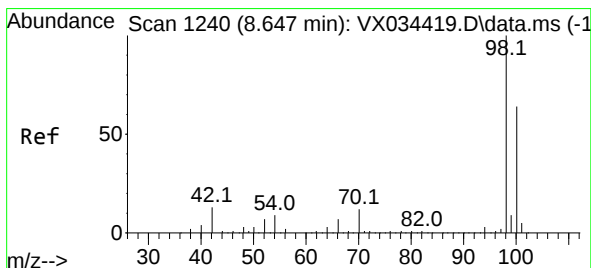
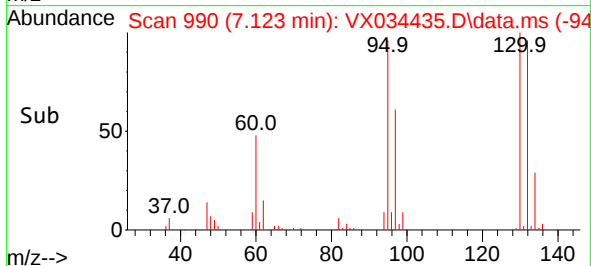
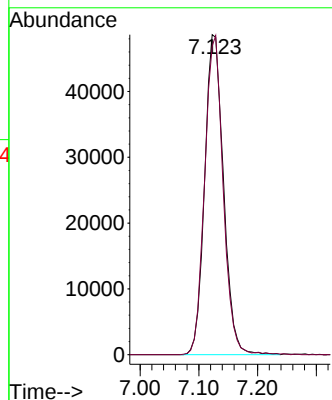
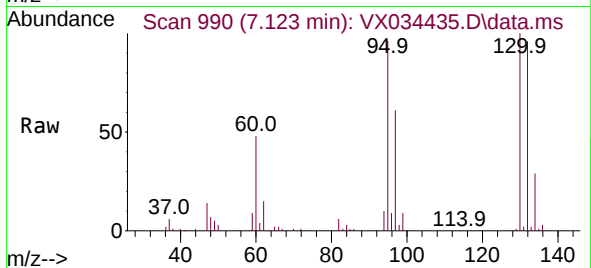




#44
Trichloroethene
Concen: 32.299 ug/l
RT: 7.123 min Scan# 94
Delta R.T. 0.006 min
Lab File: VX034435.D
Acq: 13 Mar 2023 16:12

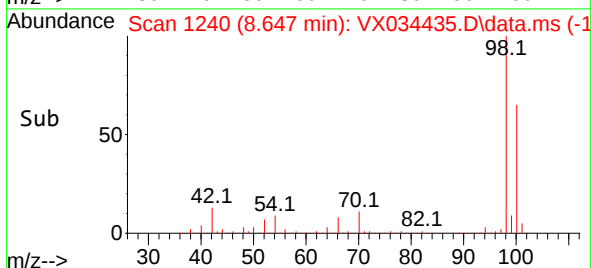
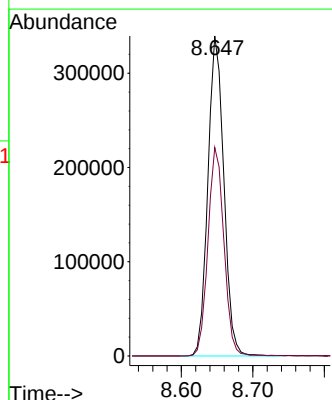
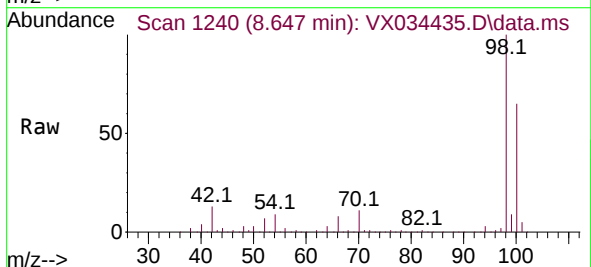
Instrument :
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ClientSampleId :
RE109D3-20230308

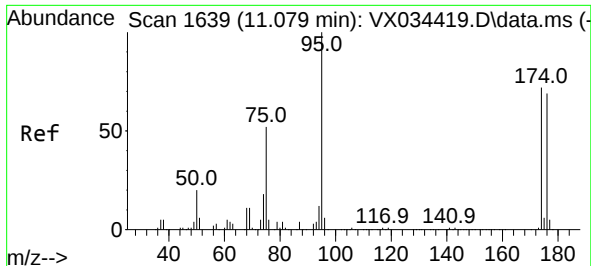
Tgt Ion:130 Resp: 108326
Ion Ratio Lower Upper
130 100
95 96.5 0.0 198.4



#50
Toluene-d8
Concen: 49.086 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034435.D
Acq: 13 Mar 2023 16:12

Tgt Ion: 98 Resp: 526415
Ion Ratio Lower Upper
98 100
100 65.3 52.5 78.7

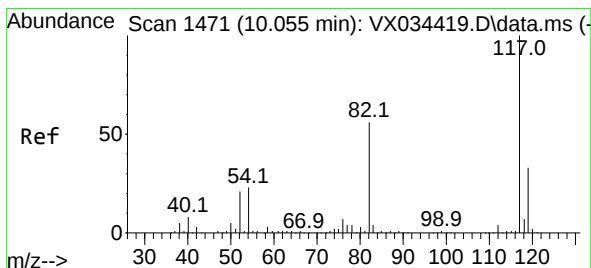
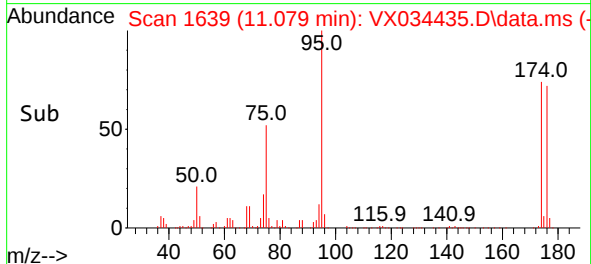
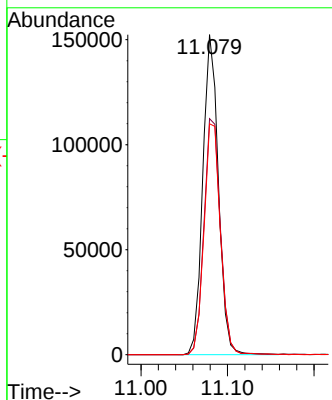
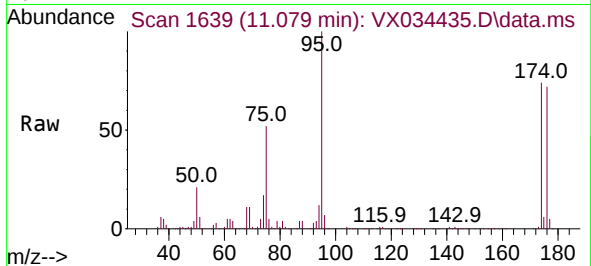




#62
4-Bromofluorobenzene
Concen: 43.994 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX034435.D
Acq: 13 Mar 2023 16:12

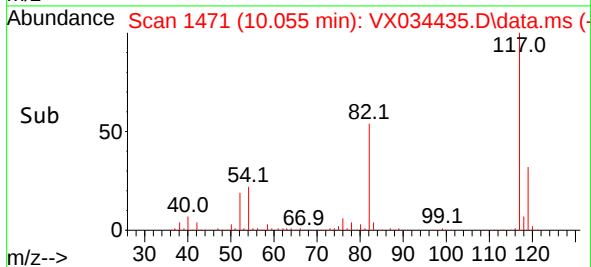
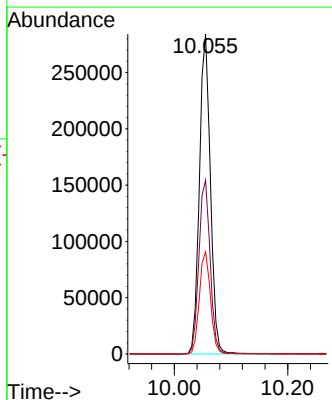
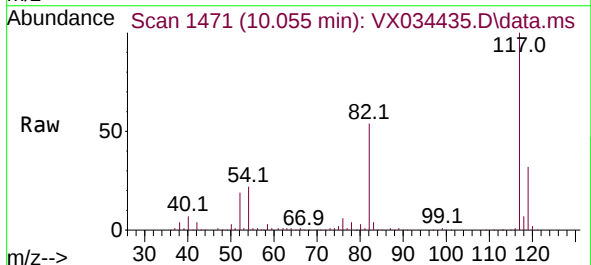
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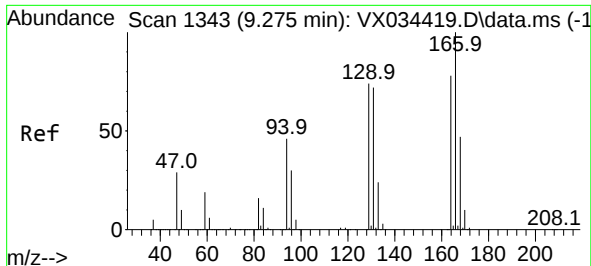
Tgt Ion: 95 Resp: 190572
Ion Ratio Lower Upper
95 100
174 77.9 0.0 147.4
176 76.3 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034435.D
Acq: 13 Mar 2023 16:12

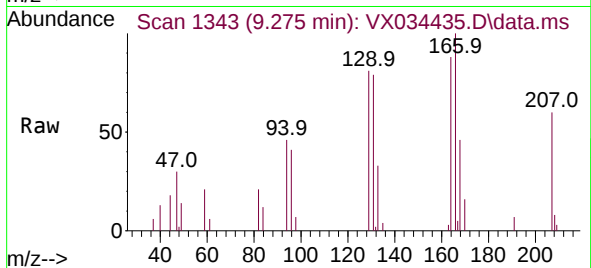
Tgt Ion: 117 Resp: 381236
Ion Ratio Lower Upper
117 100
82 54.3 45.0 67.4
119 31.9 26.0 39.0



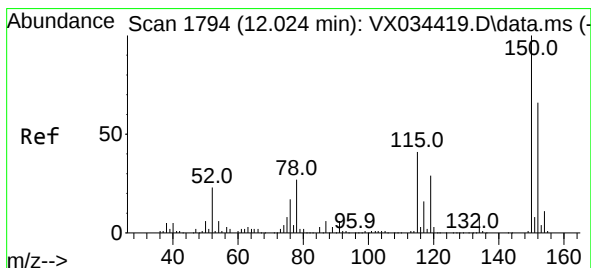
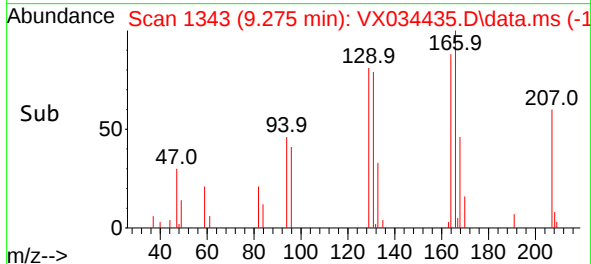
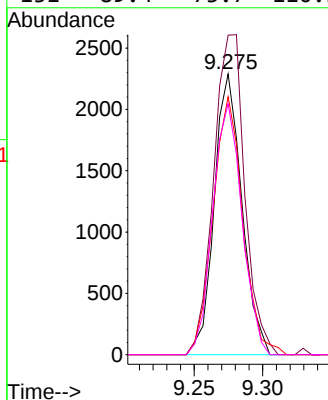


#64
Tetrachloroethene
Concen: 1.253 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034435.D
Acq: 13 Mar 2023 16:12

Instrument :
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ClientSampleId :
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Tgt Ion:164 Resp: 3210
Ion Ratio Lower Upper
164 100
166 113.9 102.7 154.1
129 91.9 75.6 113.4
131 89.4 73.7 110.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX034435.D
Acq: 13 Mar 2023 16:12

Tgt Ion:152 Resp: 159429
Ion Ratio Lower Upper
152 100
115 59.2 45.0 135.0
150 157.3 0.0 352.4

