

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031423\
 Data File : VX034493.D
 Acq On : 15 Mar 2023 08:58
 Operator : JC/MD
 Sample : 01903-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D3-20230312

Quant Time: Mar 15 14:22:25 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)

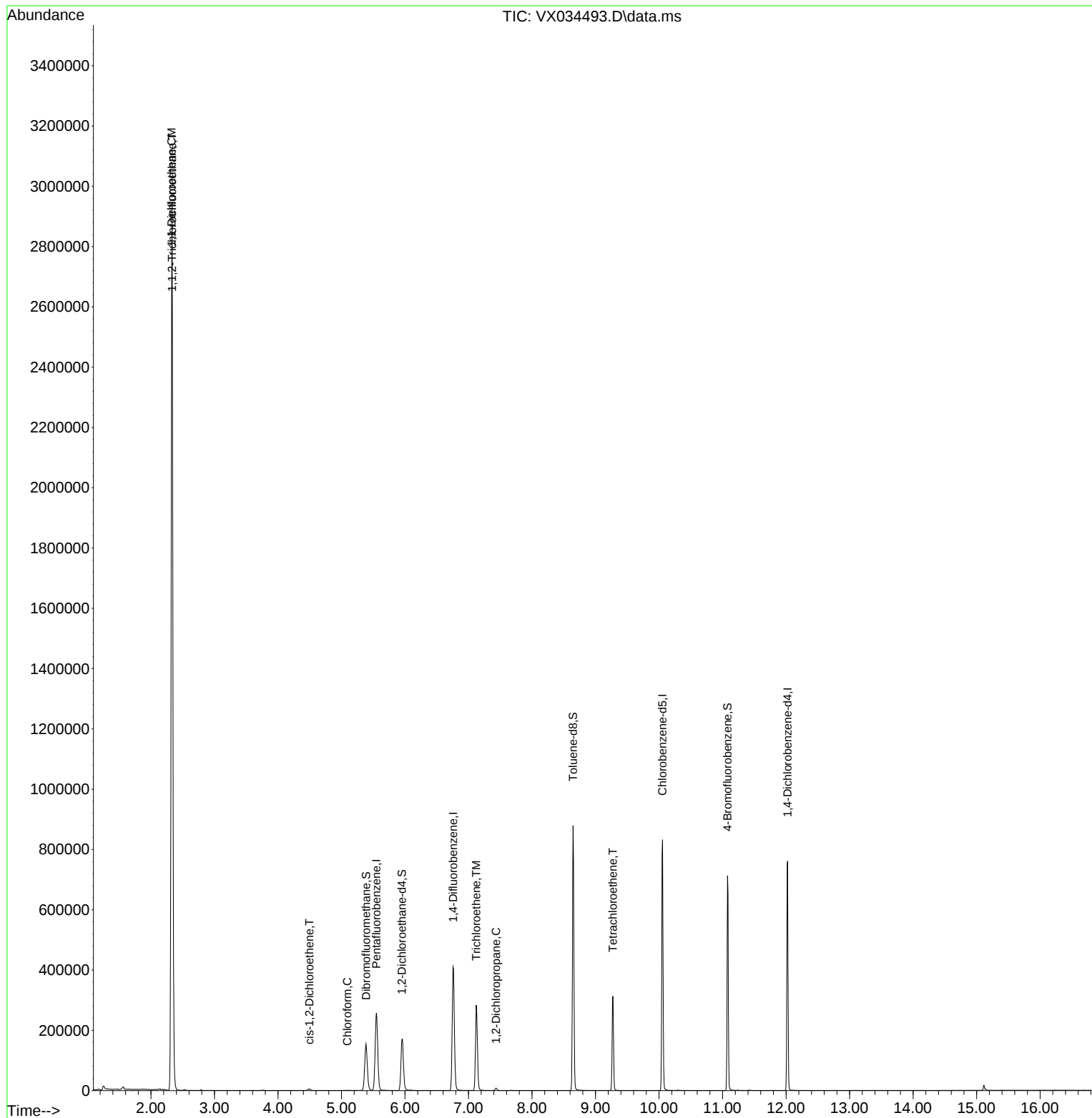
Internal Standards						
1) Pentafluorobenzene	5.550	168	246547	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	419984	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	366142	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	154306	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	164019	45.729	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.460%
35) Dibromofluoromethane	5.385	113	131137	47.292	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.580%
50) Toluene-d8	8.647	98	501459	48.443	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.880%
62) 4-Bromofluorobenzene	11.079	95	188396	45.058	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.120%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.331	101	1140320	416.090	ug/l	99
12) 1,1-Dichloroethene	2.325	96	7470	2.768	ug/l	79
27) cis-1,2-Dichloroethene	4.495	96	3328	0.964	ug/l	91
30) Chloroform	5.092	83	1158	0.211	ug/l	86
44) Trichloroethene	7.122	130	103824	32.072	ug/l	97
45) 1,2-Dichloropropane	7.433	63	2919	0.897	ug/l	97
64) Tetrachloroethene	9.275	164	59075	24.019	ug/l	98

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

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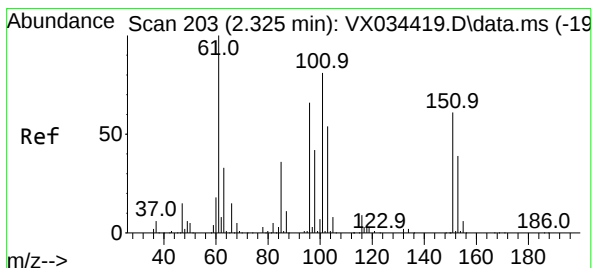
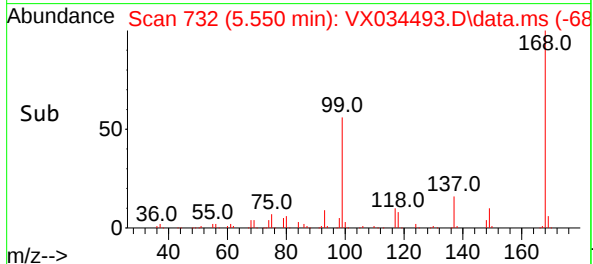
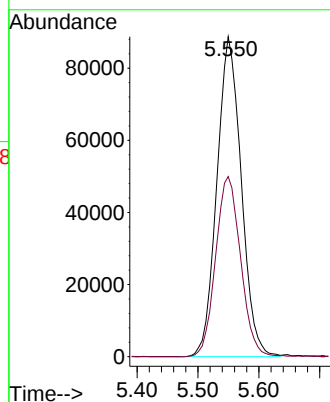
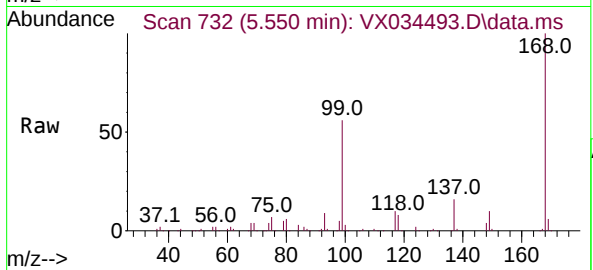




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034493.D
Acq: 15 Mar 2023 08:58

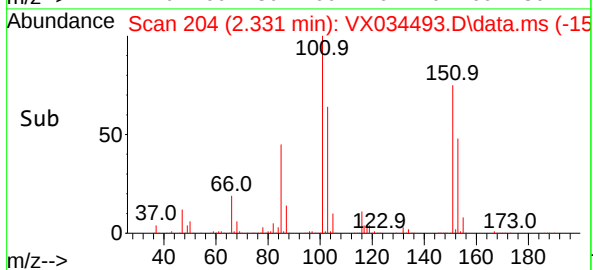
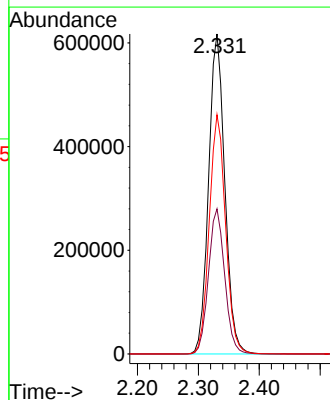
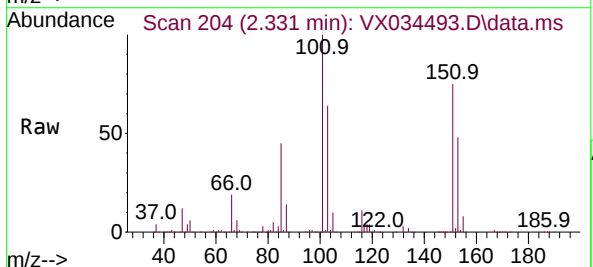
Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20230312

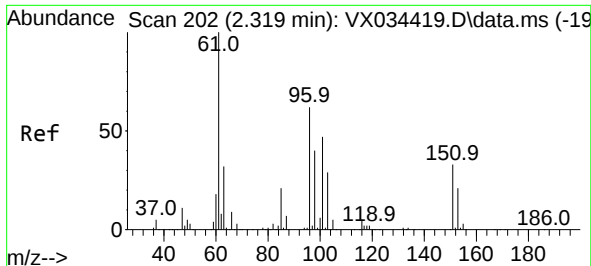
Tgt Ion:168 Resp: 246547
Ion Ratio Lower Upper
168 100
99 56.3 45.7 68.5



#9
1,1,2-Trichlorotrifluoroethane
Concen: 416.090 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX034493.D
Acq: 15 Mar 2023 08:58

Tgt Ion:101 Resp: 1140320
Ion Ratio Lower Upper
101 100
85 45.5 35.4 53.2
151 75.3 60.2 90.4





#12

1,1-Dichloroethene

Concen: 2.768 ug/l

RT: 2.325 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX034493.D

Acq: 15 Mar 2023 08:58

Instrument :

MSVOA_X

ClientSampleId :

RE131D3-20230312

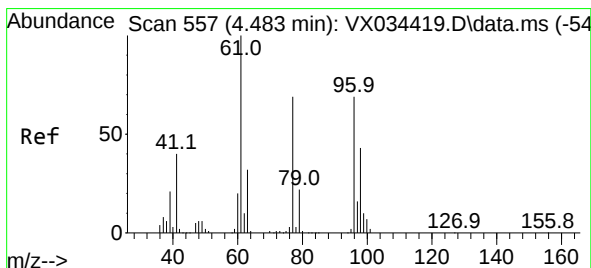
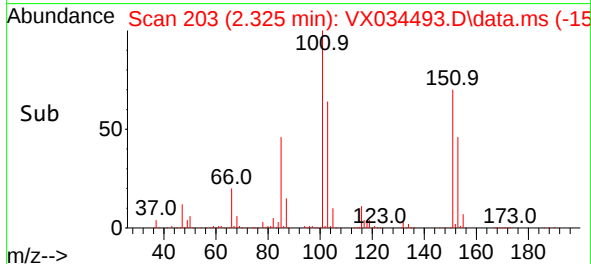
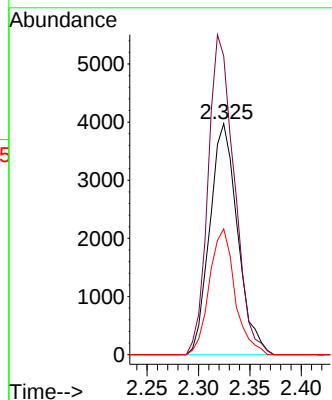
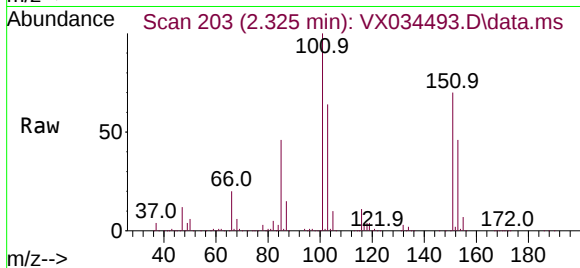
Tgt Ion: 96 Resp: 7470

Ion Ratio Lower Upper

96 100

61 129.3 128.8 193.2

98 54.4 51.4 77.0



#27

cis-1,2-Dichloroethene

Concen: 0.964 ug/l

RT: 4.495 min Scan# 559

Delta R.T. 0.012 min

Lab File: VX034493.D

Acq: 15 Mar 2023 08:58

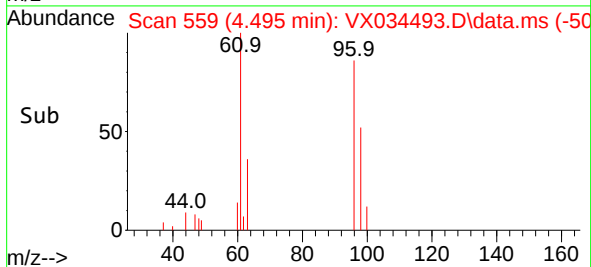
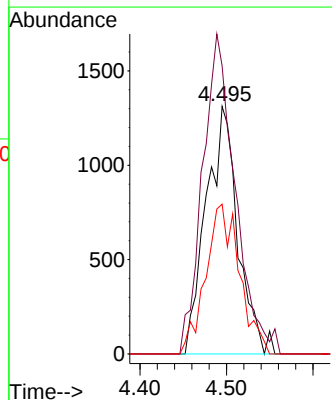
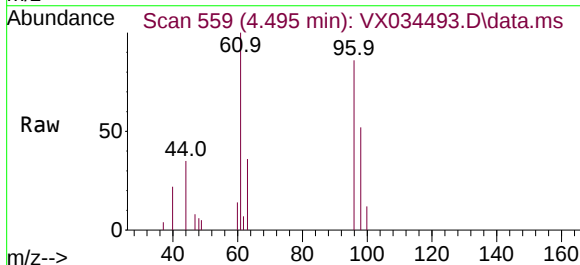
Tgt Ion: 96 Resp: 3328

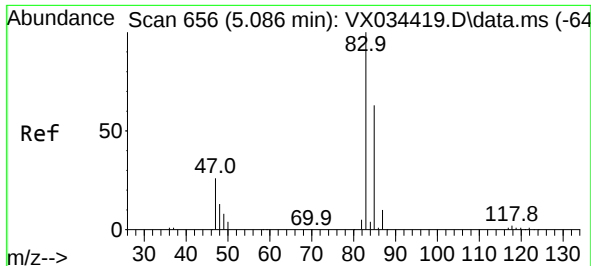
Ion Ratio Lower Upper

96 100

61 133.3 0.0 300.4

98 64.6 0.0 129.0





#30

Chloroform

Concen: 0.211 ug/l

RT: 5.092 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX034493.D

Acq: 15 Mar 2023 08:58

Instrument :

MSVOA_X

ClientSampleId :

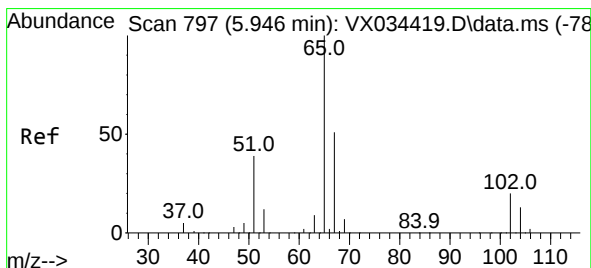
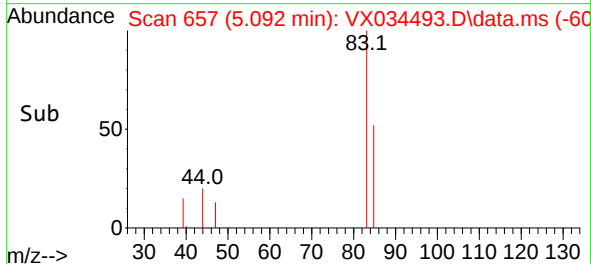
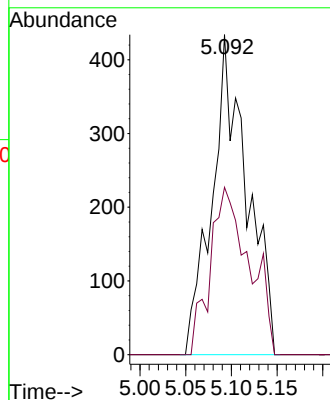
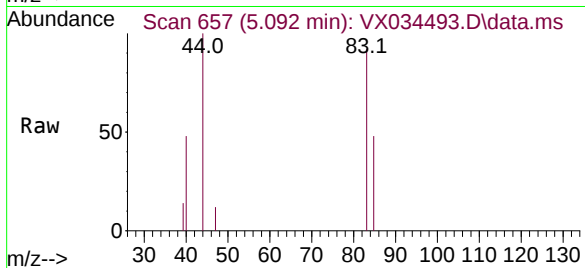
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Tgt Ion: 83 Resp: 1158

Ion Ratio Lower Upper

83 100

85 52.3 50.6 76.0



#33

1,2-Dichloroethane-d4

Concen: 45.729 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX034493.D

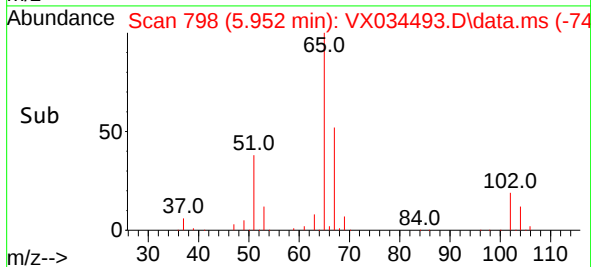
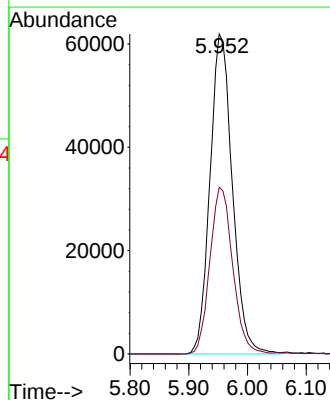
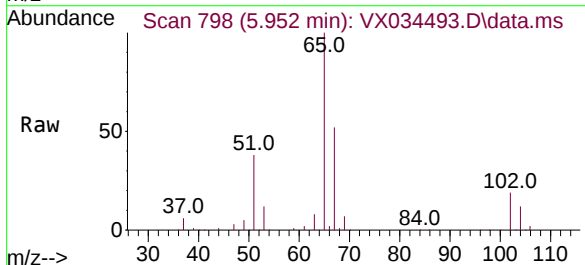
Acq: 15 Mar 2023 08:58

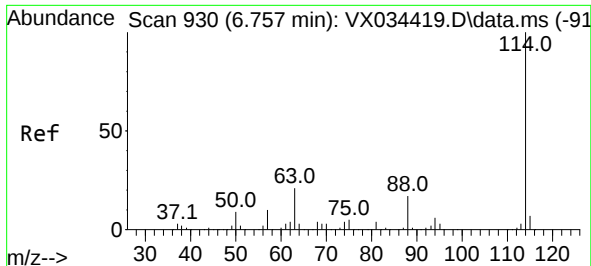
Tgt Ion: 65 Resp: 164019

Ion Ratio Lower Upper

65 100

67 53.0 0.0 104.0

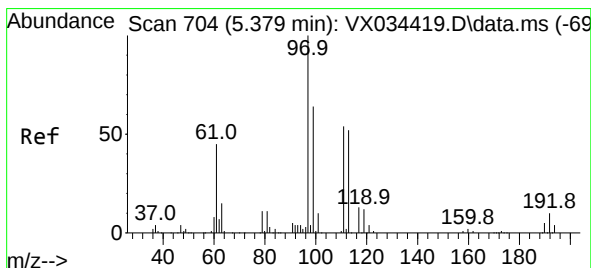
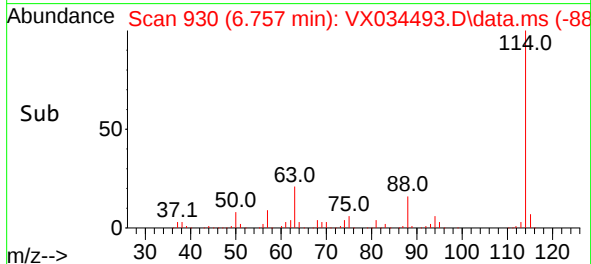
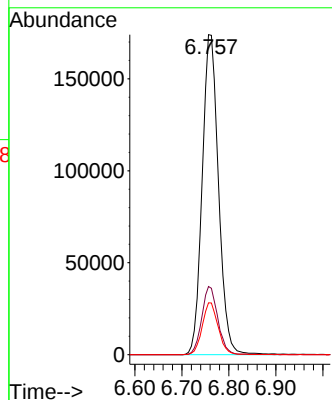
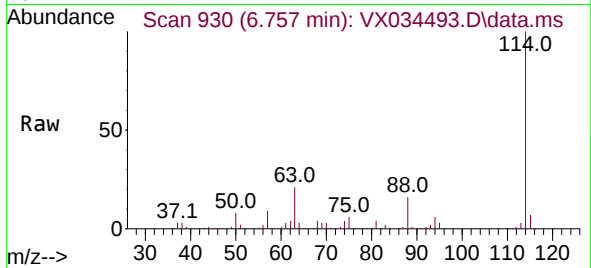




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX034493.D
Acq: 15 Mar 2023 08:58

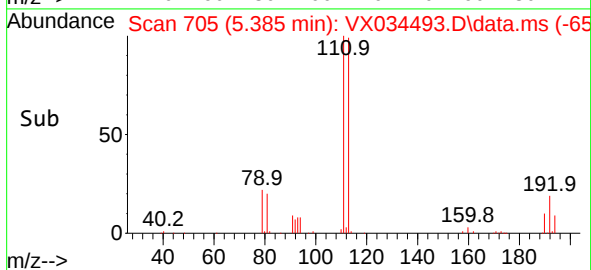
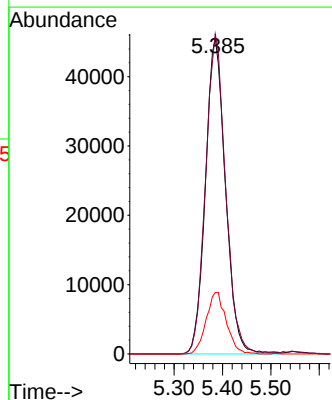
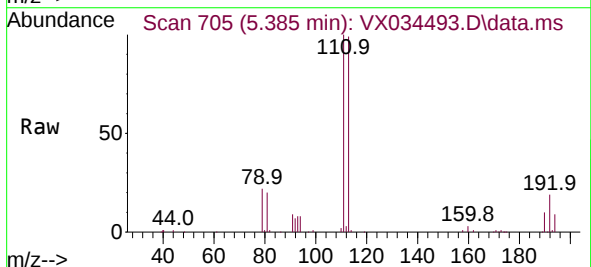
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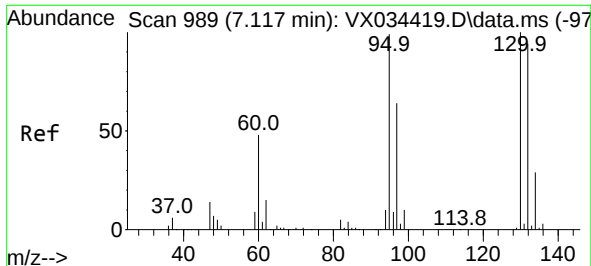
Tgt Ion:114 Resp: 419984
Ion Ratio Lower Upper
114 100
63 21.3 0.0 42.2
88 16.2 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.292 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034493.D
Acq: 15 Mar 2023 08:58

Tgt Ion:113 Resp: 131137
Ion Ratio Lower Upper
113 100
111 100.9 83.7 125.5
192 19.6 15.4 23.2

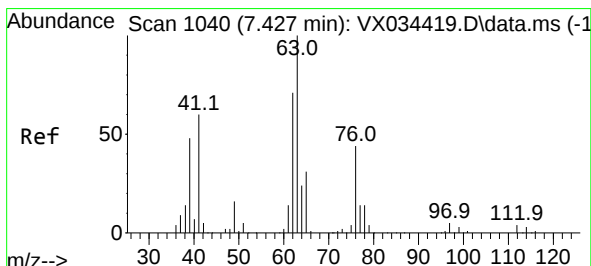
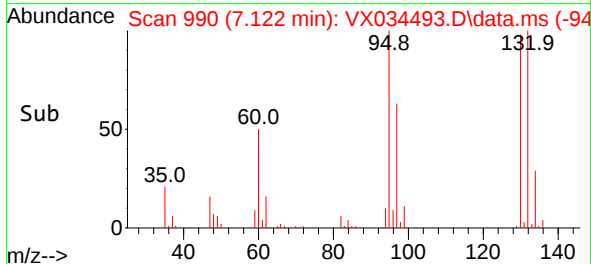
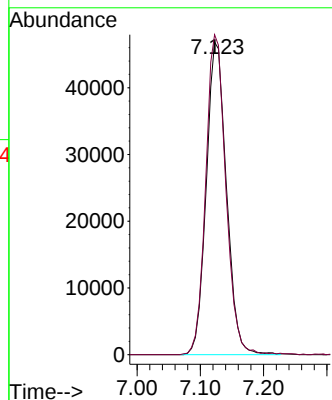
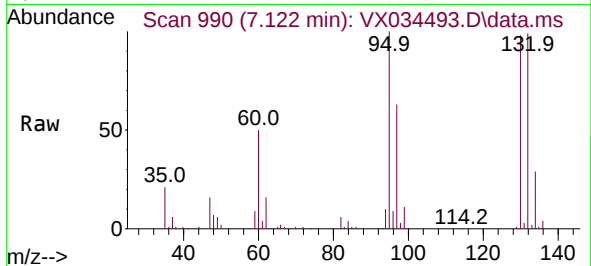




#44
Trichloroethene
Concen: 32.072 ug/l
RT: 7.122 min Scan# 94
Delta R.T. 0.006 min
Lab File: VX034493.D
Acq: 15 Mar 2023 08:58

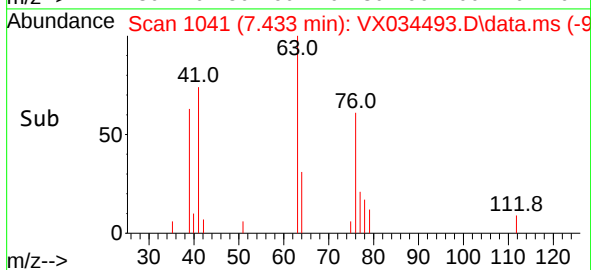
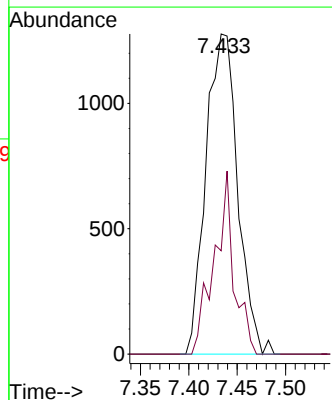
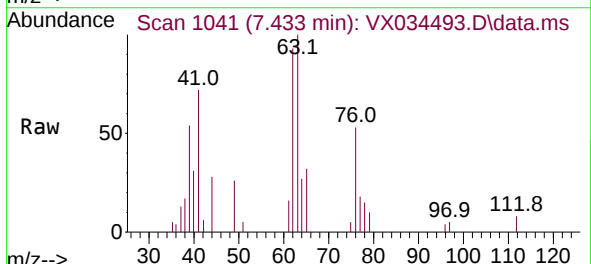
Instrument :
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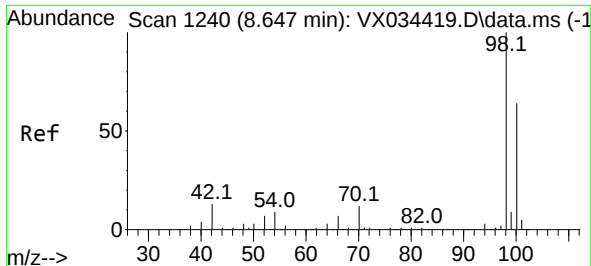
Tgt Ion:130 Resp: 103824
Ion Ratio Lower Upper
130 100
95 102.4 0.0 198.4



#45
1,2-Dichloropropane
Concen: 0.897 ug/l
RT: 7.433 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VX034493.D
Acq: 15 Mar 2023 08:58

Tgt Ion: 63 Resp: 2919
Ion Ratio Lower Upper
63 100
65 32.3 24.6 37.0

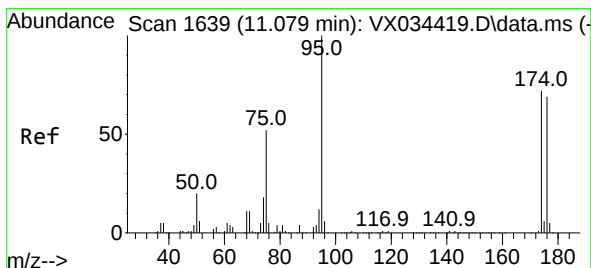
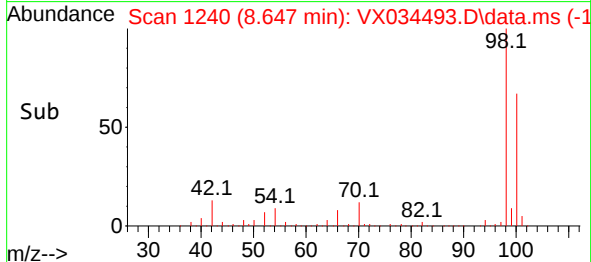
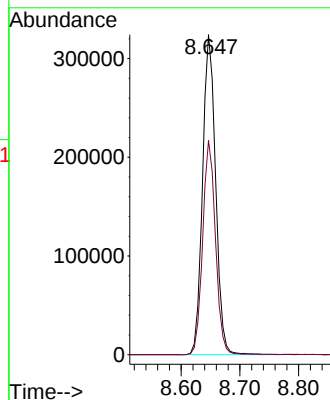
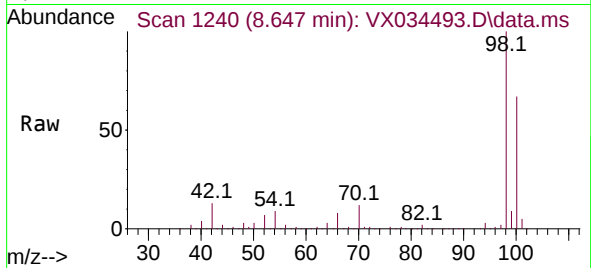




#50
Toluene-d8
Concen: 48.443 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034493.D
Acq: 15 Mar 2023 08:58

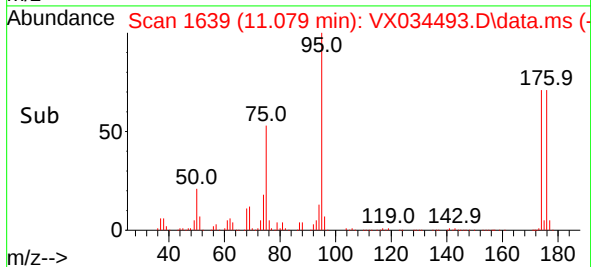
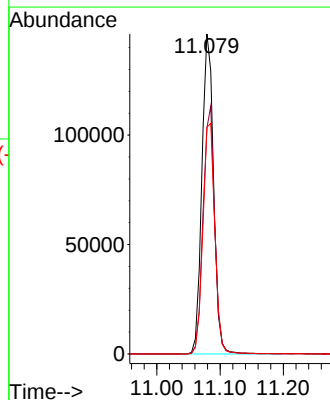
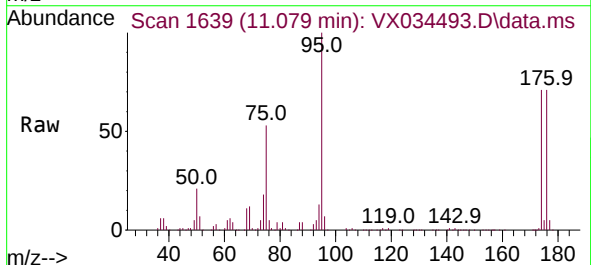
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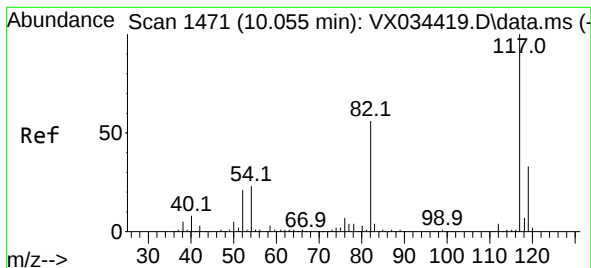
Tgt Ion: 98 Resp: 501459
Ion Ratio Lower Upper
98 100
100 65.7 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 45.058 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034493.D
Acq: 15 Mar 2023 08:58

Tgt Ion: 95 Resp: 188396
Ion Ratio Lower Upper
95 100
174 76.5 0.0 147.4
176 73.8 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: VX034493.D

Acq: 15 Mar 2023 08:58

Instrument :

MSVOA_X

ClientSampleId :

RE131D3-20230312

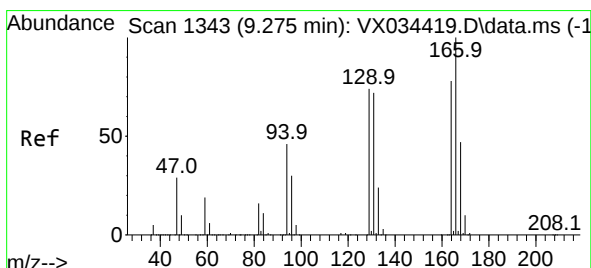
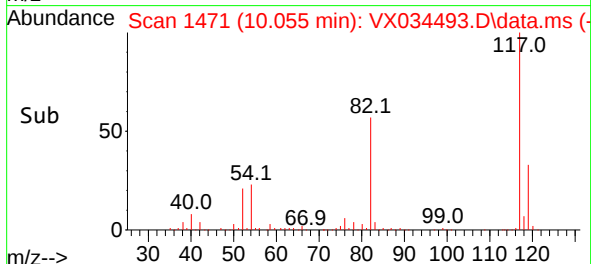
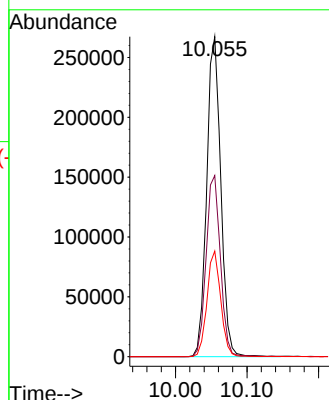
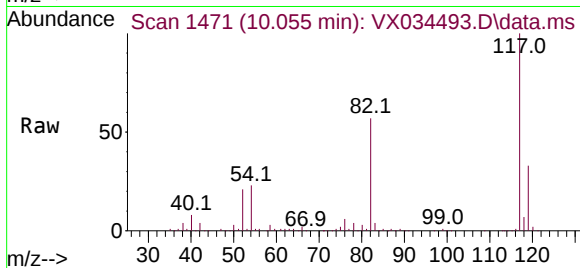
Tgt Ion:117 Resp: 366142

Ion Ratio Lower Upper

117 100

82 56.6 45.0 67.4

119 33.0 26.0 39.0



#64

Tetrachloroethene

Concen: 24.019 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VX034493.D

Acq: 15 Mar 2023 08:58

Tgt Ion:164 Resp: 59075

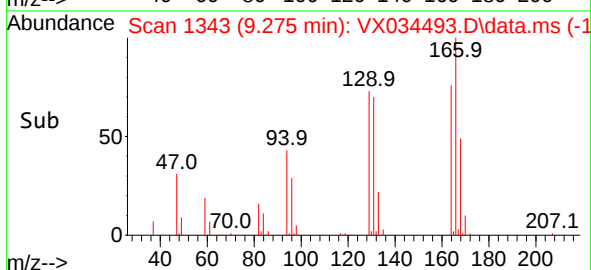
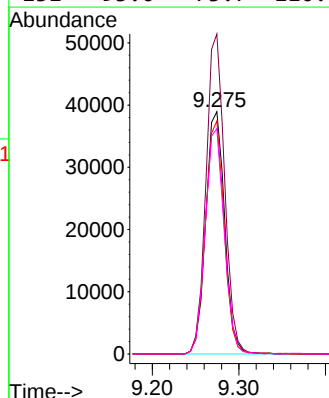
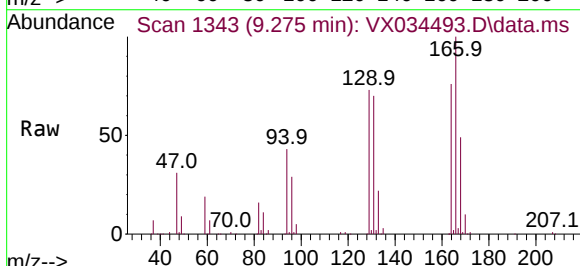
Ion Ratio Lower Upper

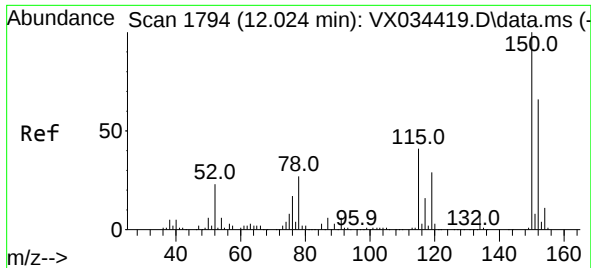
164 100

166 132.1 102.7 154.1

129 96.2 75.6 113.4

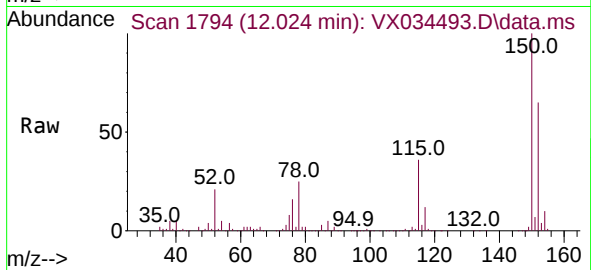
131 93.0 73.7 110.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX034493.D
 Acq: 15 Mar 2023 08:58

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D3-20230312



Tgt Ion:152 Resp: 154306
 Ion Ratio Lower Upper
 152 100
 115 60.6 45.0 135.0
 150 157.6 0.0 352.4

