

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052523\
 Data File : VX035873.D
 Acq On : 25 May 2023 22:57
 Operator : JC/MD
 Sample : 02911-19 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE115D2-20230522

Quant Time: May 26 07:26:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

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

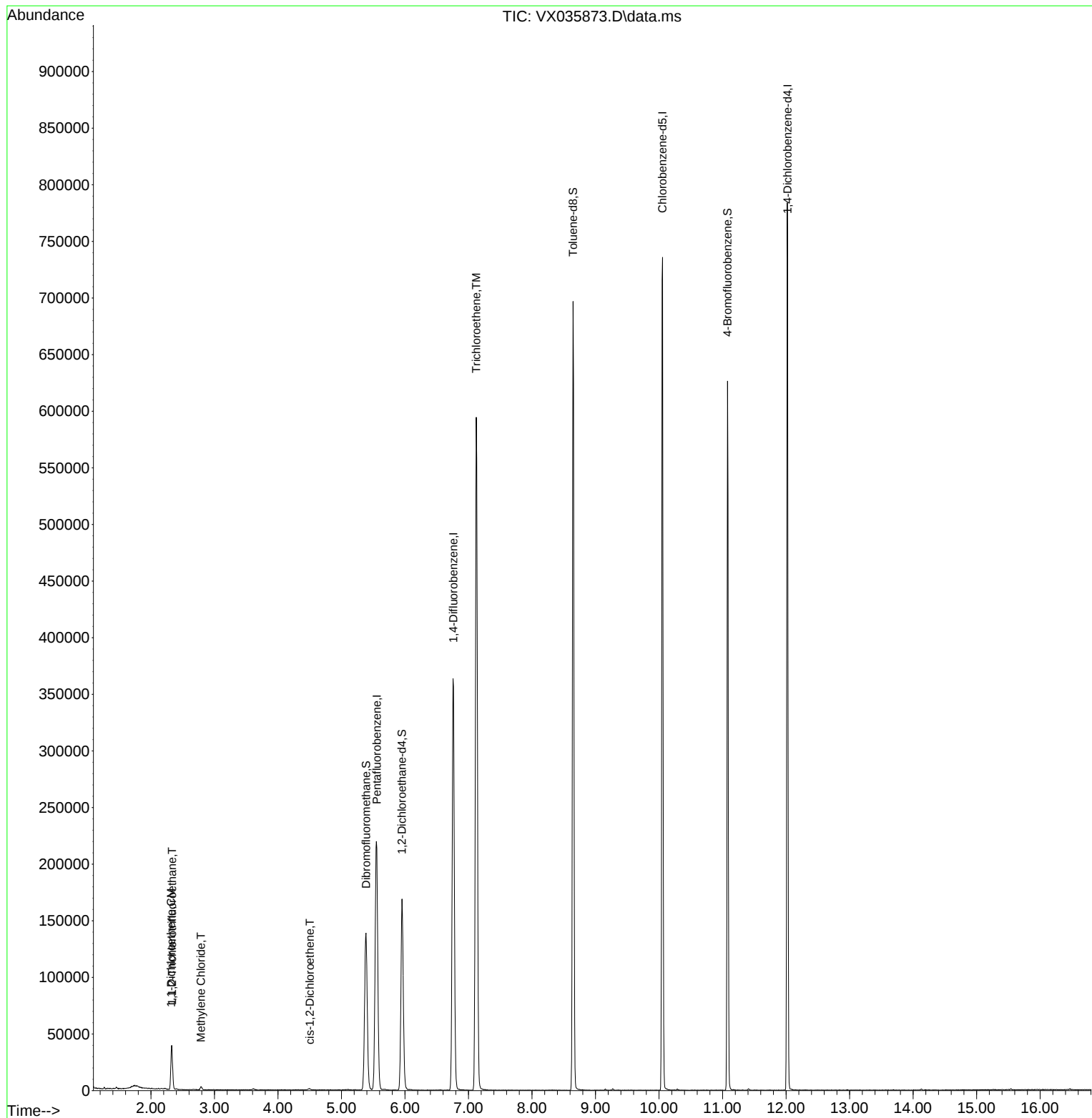
Internal Standards						
1) Pentafluorobenzene	5.556	168	203859	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	364605	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	327634	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	156280	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	153642	43.202	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.400%
35) Dibromofluoromethane	5.385	113	118896	48.354	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.700%
50) Toluene-d8	8.647	98	402067	44.262	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	88.520%#
62) 4-Bromofluorobenzene	11.079	95	159597	43.636	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.280%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.331	101	9857	4.127	ug/l	97
12) 1,1-Dichloroethene	2.319	96	5439	2.396	ug/l	82
20) Methylene Chloride	2.788	84	1232	0.445	ug/l	92
27) cis-1,2-Dichloroethene	4.501	96	876	0.293	ug/l	58
44) Trichloroethene	7.123	130	224741	81.631	ug/l	99

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

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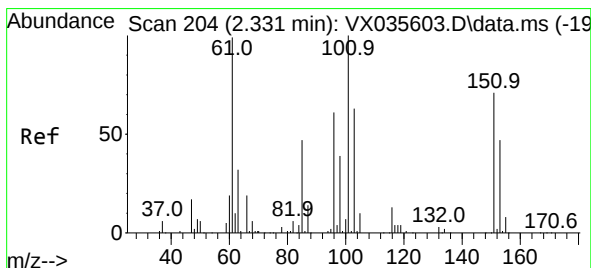
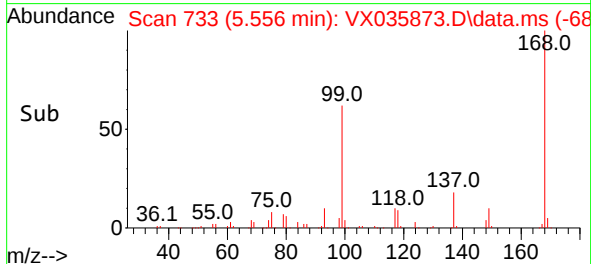
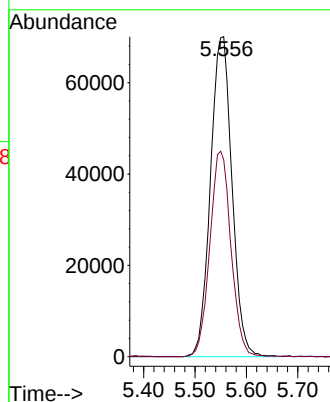
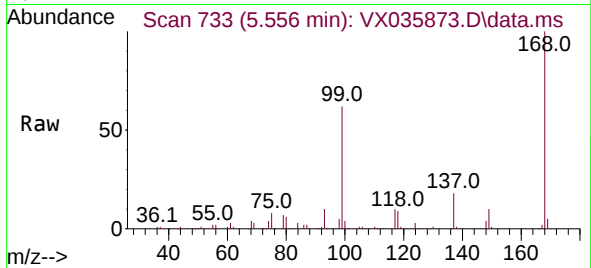




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX035873.D
Acq: 25 May 2023 22:57

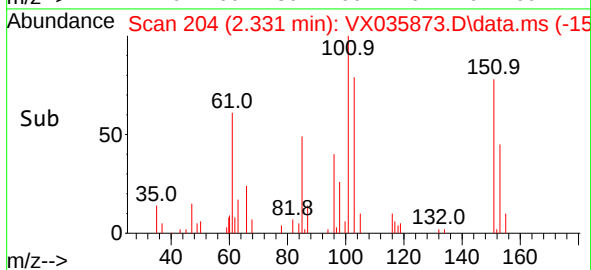
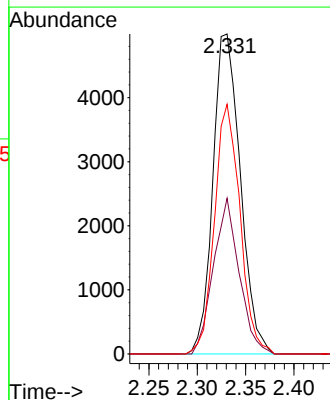
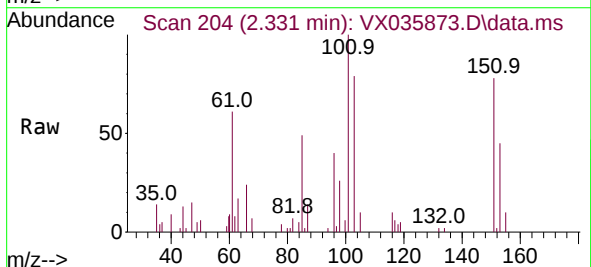
Instrument :
MSVOA_X
ClientSampleId :
RE115D2-20230522

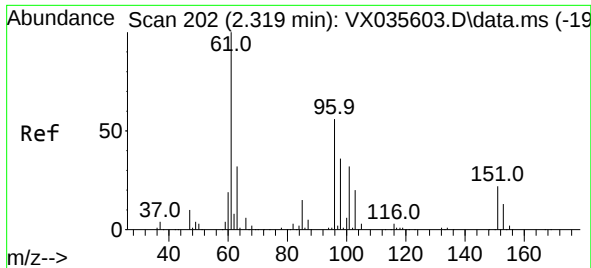
Tgt Ion:168 Resp: 203859
Ion Ratio Lower Upper
168 100
99 61.5 45.7 68.5



#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.127 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX035873.D
Acq: 25 May 2023 22:57

Tgt Ion:101 Resp: 9857
Ion Ratio Lower Upper
101 100
85 45.6 35.4 53.2
151 72.6 60.2 90.4

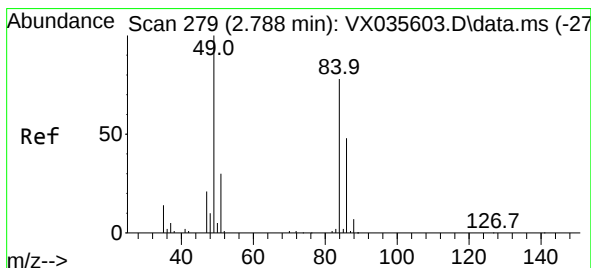
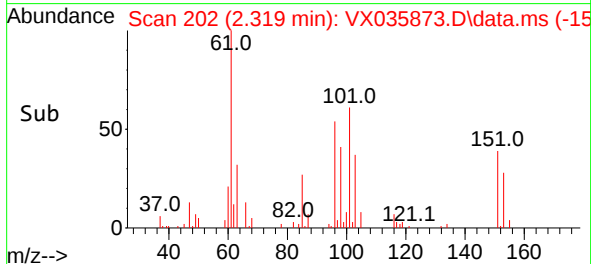
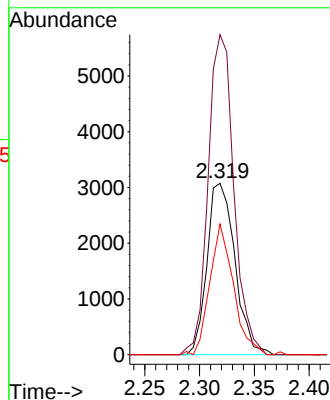
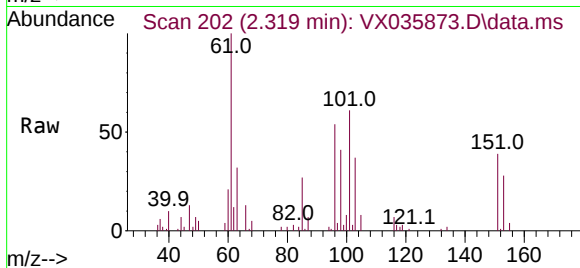




#12
1,1-Dichloroethene
Concen: 2.396 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX035873.D
Acq: 25 May 2023 22:57

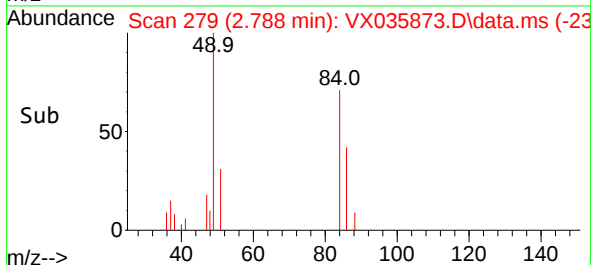
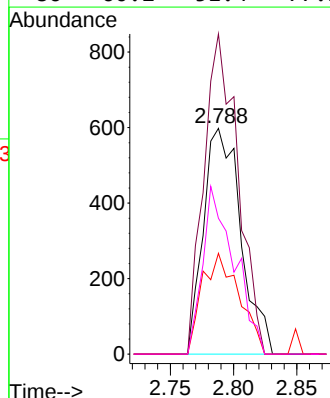
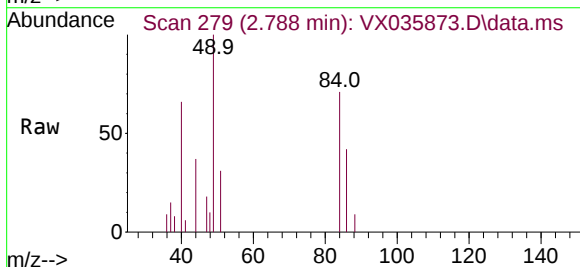
Instrument :
MSVOA_X
ClientSampleId :
RE115D2-20230522

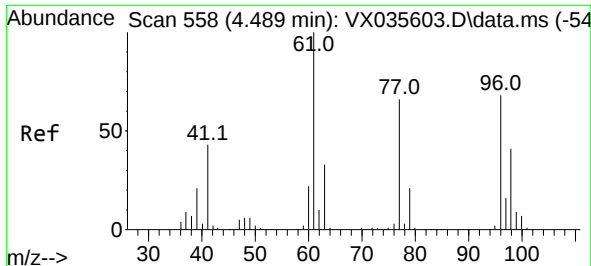
Tgt Ion: 96 Resp: 5439
Ion Ratio Lower Upper
96 100
61 186.7 128.8 193.2
98 76.2 51.4 77.0



#20
Methylene Chloride
Concen: 0.445 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX035873.D
Acq: 25 May 2023 22:57

Tgt Ion: 84 Resp: 1232
Ion Ratio Lower Upper
84 100
49 141.8 103.8 155.8
51 44.6 31.8 47.8
86 60.2 51.4 77.2





#27

cis-1,2-Dichloroethene

Concen: 0.293 ug/l

RT: 4.501 min Scan# 5

Delta R.T. 0.012 min

Lab File: VX035873.D

Acq: 25 May 2023 22:57

Instrument :

MSVOA_X

ClientSampleId :

RE115D2-20230522

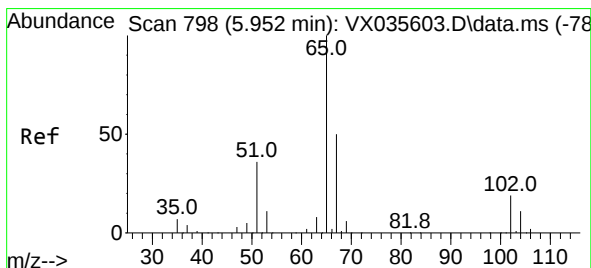
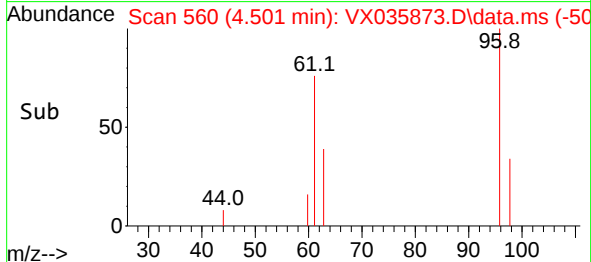
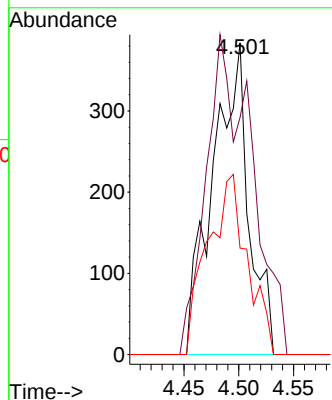
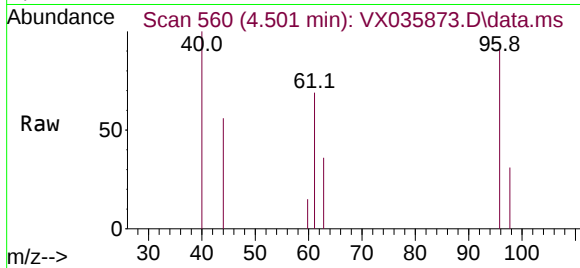
Tgt Ion: 96 Resp: 876

Ion Ratio Lower Upper

96 100

61 75.2 0.0 300.4

98 63.6 0.0 129.0



#33

1,2-Dichloroethane-d4

Concen: 43.202 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX035873.D

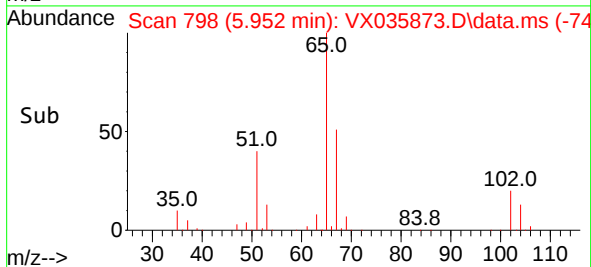
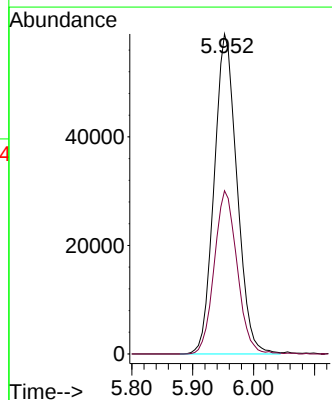
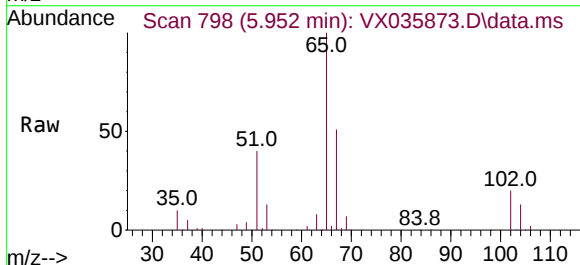
Acq: 25 May 2023 22:57

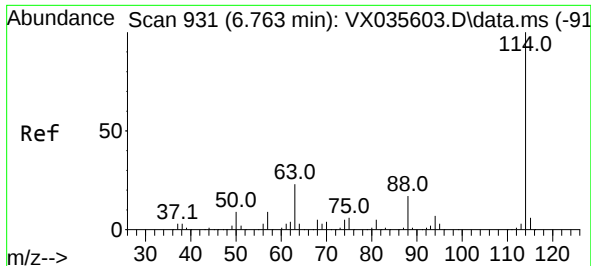
Tgt Ion: 65 Resp: 153642

Ion Ratio Lower Upper

65 100

67 51.0 0.0 104.0

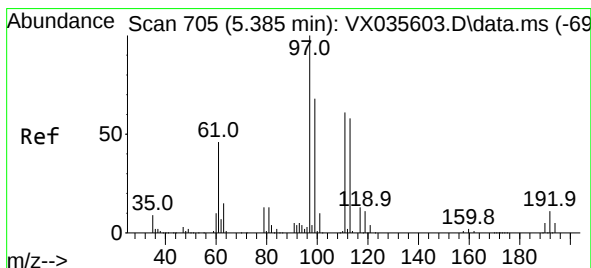
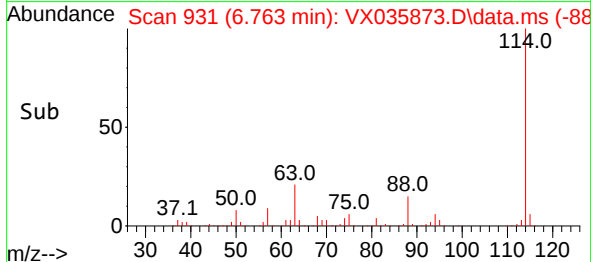
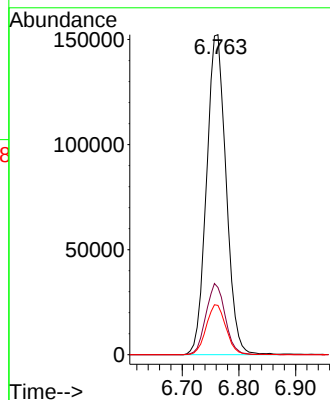
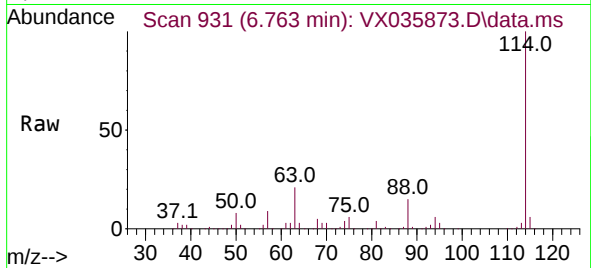




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX035873.D
Acq: 25 May 2023 22:57

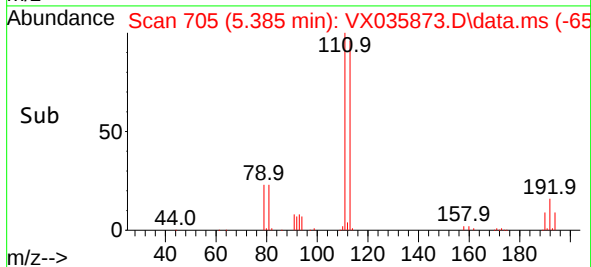
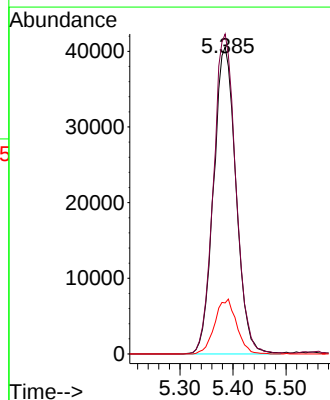
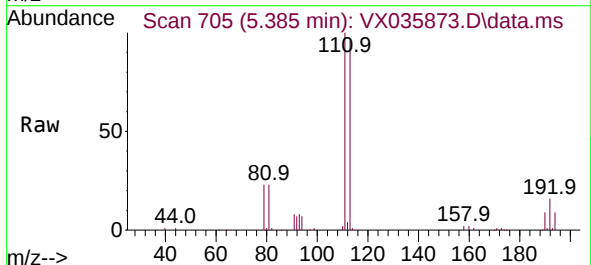
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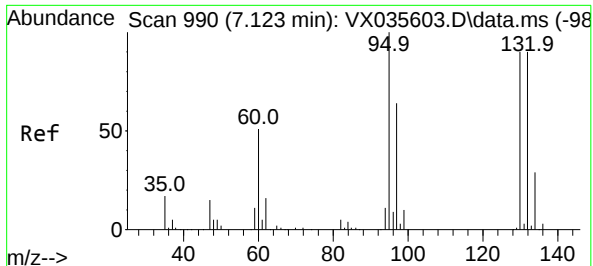
Tgt Ion:114 Resp: 364605
Ion Ratio Lower Upper
114 100
63 21.0 0.0 42.2
88 15.4 0.0 33.2



#35
Dibromofluoromethane
Concen: 48.354 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035873.D
Acq: 25 May 2023 22:57

Tgt Ion:113 Resp: 118896
Ion Ratio Lower Upper
113 100
111 104.1 83.7 125.5
192 17.4 15.4 23.2

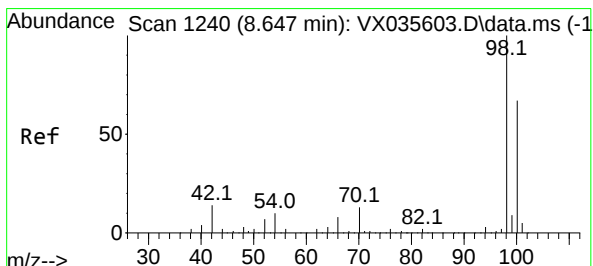
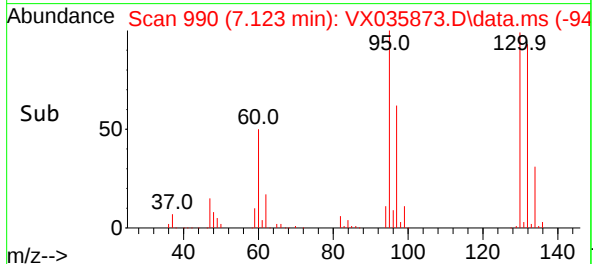
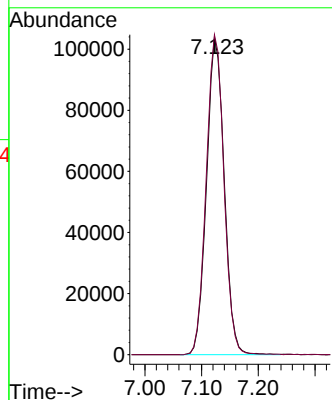
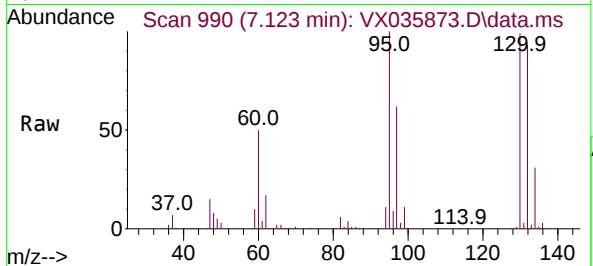




#44
 Trichloroethene
 Concen: 81.631 ug/l
 RT: 7.123 min Scan# 990
 Delta R.T. -0.000 min
 Lab File: VX035873.D
 Acq: 25 May 2023 22:57

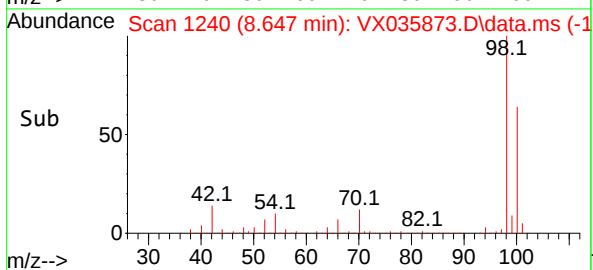
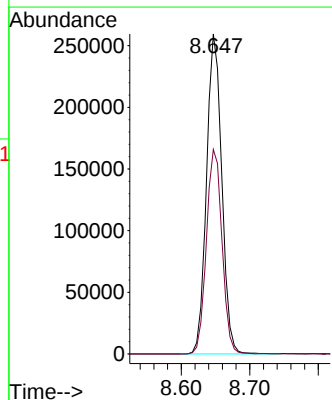
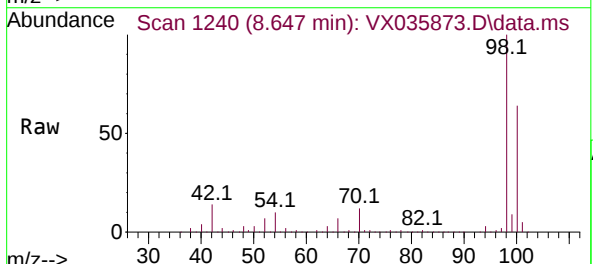
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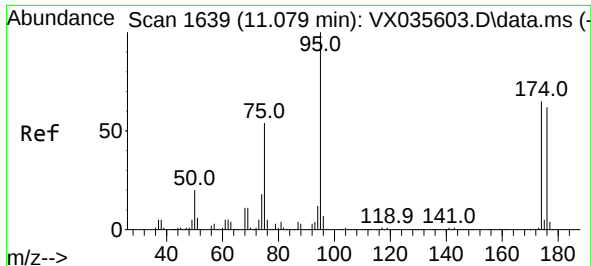
Tgt Ion:130 Resp: 224741
 Ion Ratio Lower Upper
 130 100
 95 100.6 0.0 198.4



#50
 Toluene-d8
 Concen: 44.262 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. -0.000 min
 Lab File: VX035873.D
 Acq: 25 May 2023 22:57

Tgt Ion: 98 Resp: 402067
 Ion Ratio Lower Upper
 98 100
 100 65.5 52.5 78.7





#62

4-Bromofluorobenzene

Concen: 43.636 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX035873.D

Acq: 25 May 2023 22:57

Instrument :

MSVOA_X

ClientSampleId :

RE115D2-20230522

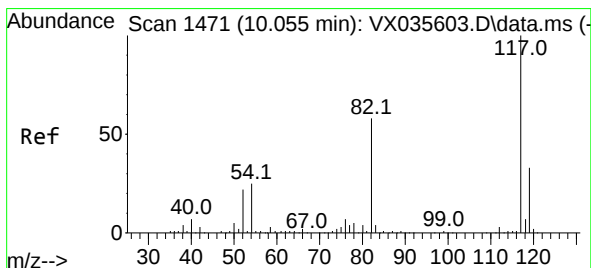
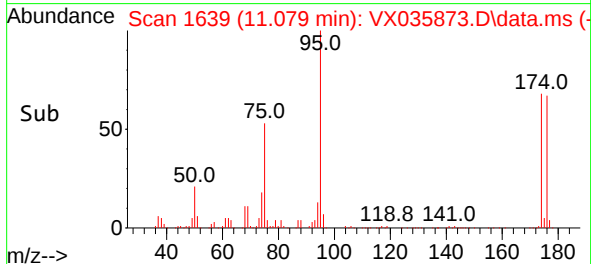
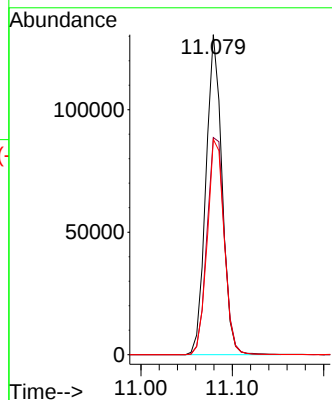
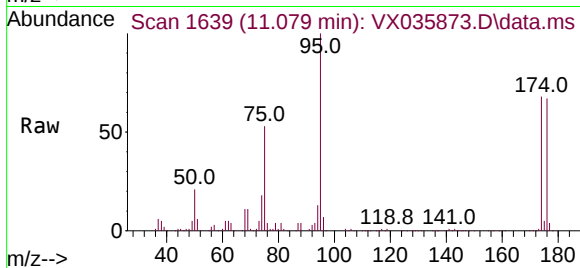
Tgt Ion: 95 Resp: 159597

Ion Ratio Lower Upper

95 100

174 73.6 0.0 147.4

176 70.7 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: VX035873.D

Acq: 25 May 2023 22:57

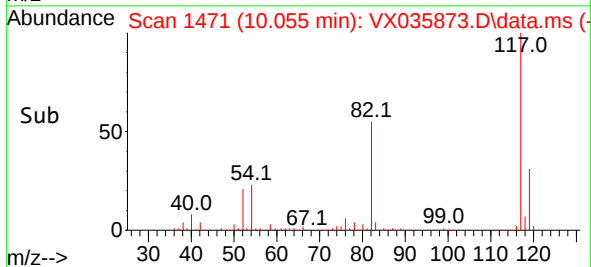
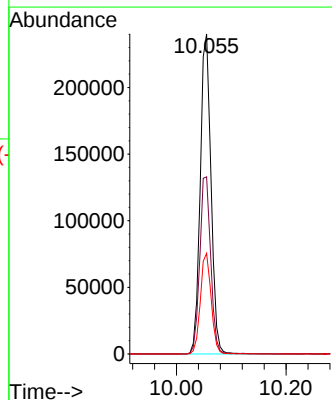
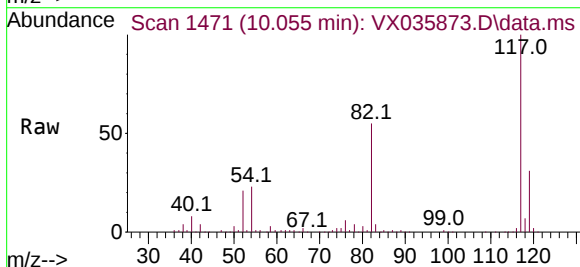
Tgt Ion: 117 Resp: 327634

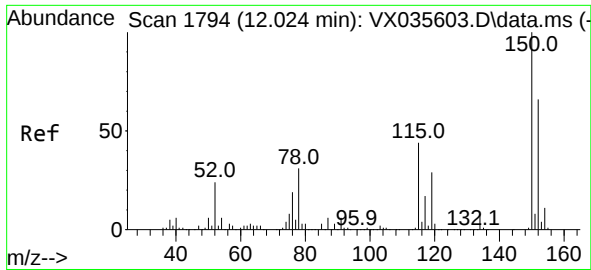
Ion Ratio Lower Upper

117 100

82 55.3 45.0 67.4

119 31.4 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: VX035873.D

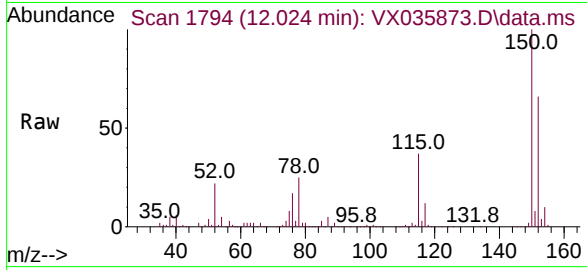
Acq: 25 May 2023 22:57

Instrument :

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Tgt Ion:152 Resp: 156280

Ion Ratio Lower Upper

152 100

115 60.5 45.0 135.0

150 154.3 0.0 352.4

