

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032923\
 Data File : VX034830.D
 Acq On : 29 Mar 2023 15:59
 Operator : JC/MD
 Sample : 02124-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 E9074-PVSC-001

Quant Time: Mar 30 06:30:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 30 05:38:28 2023
 Response via : Initial Calibration

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

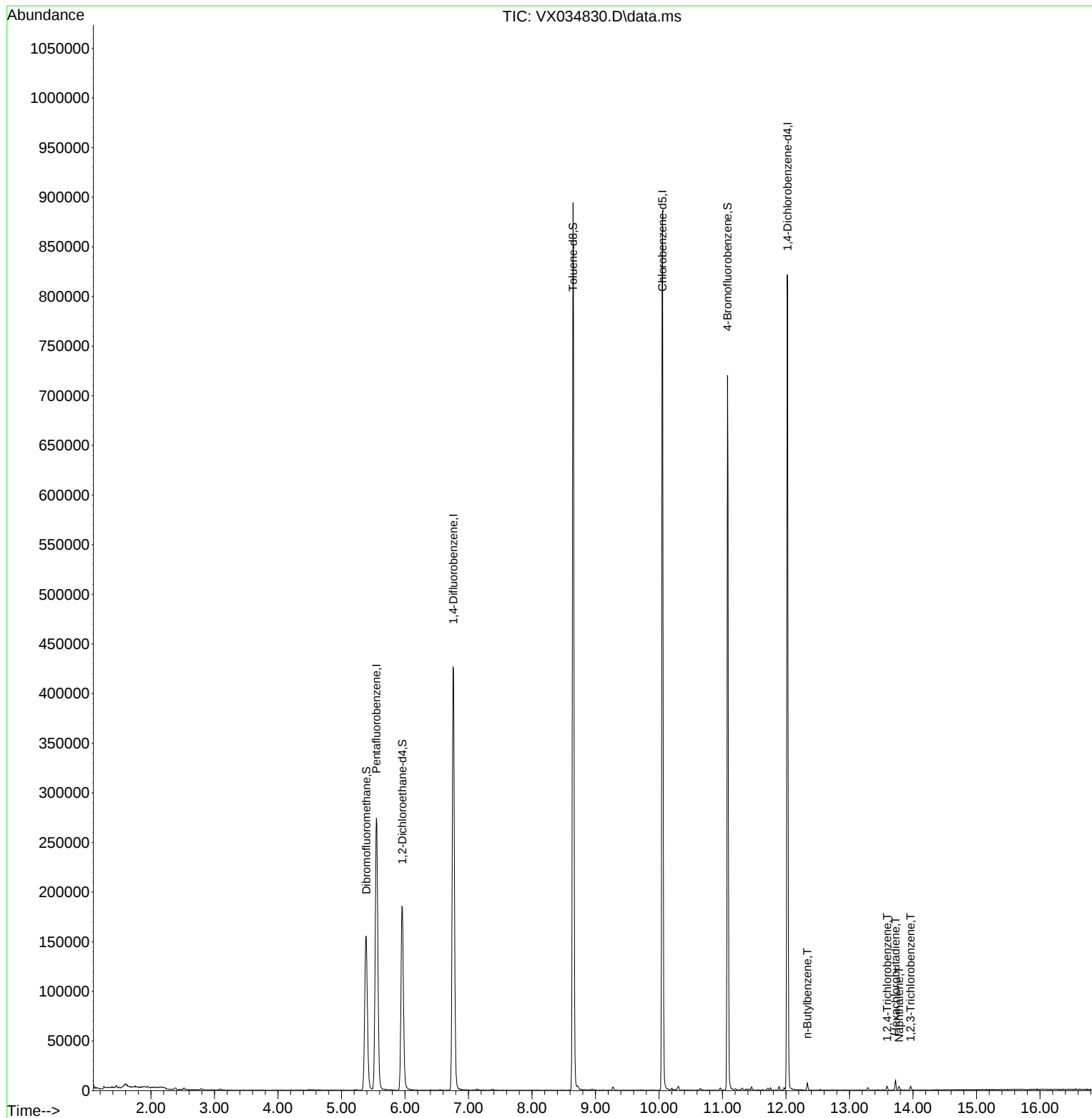
Internal Standards						
1) Pentafluorobenzene	5.550	168	254954	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	431920	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	382274	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	167333	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	183153	46.973	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.940%
35) Dibromofluoromethane	5.391	113	136016	47.611	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.220%
50) Toluene-d8	8.647	98	517058	49.035	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.080%
62) 4-Bromofluorobenzene	11.079	95	186520	45.710	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.420%
Target Compounds						
					Qvalue	
89) n-Butylbenzene	12.335	91	2655	0.311	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	1179	0.376	ug/l	93
94) Hexachlorobutadiene	13.725	225	1292	0.938	ug/l	90
95) Naphthalene	13.780	128	2594	0.233	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	982	0.311	ug/l	89

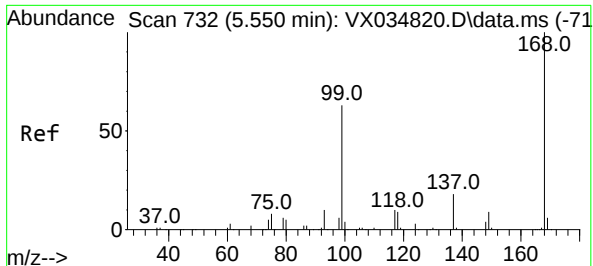
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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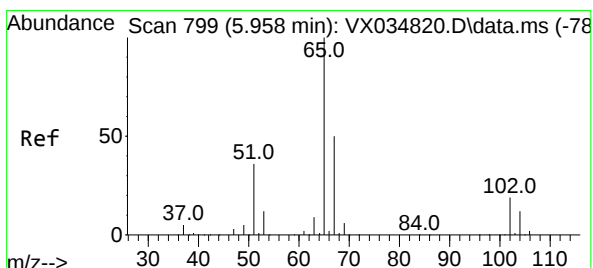
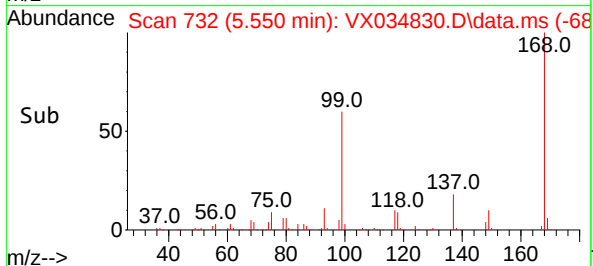
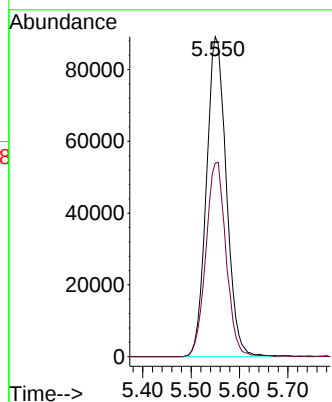
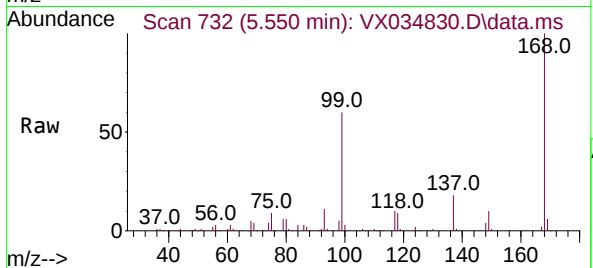




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034830.D
Acq: 29 Mar 2023 15:59

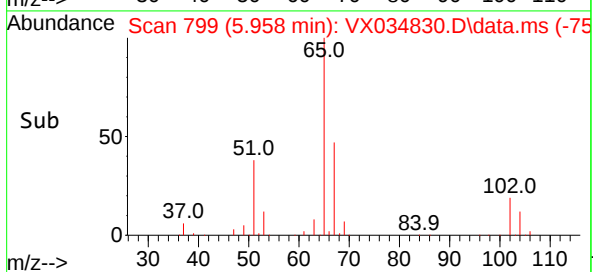
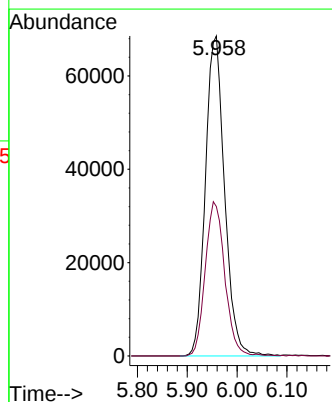
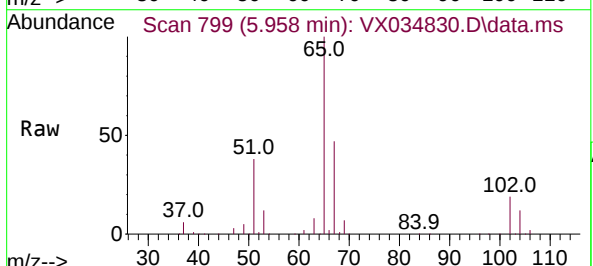
Instrument :
MSVOA_X
ClientSampleId :
E9074-PVSC-001

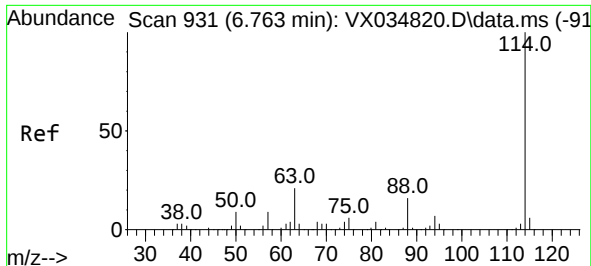
Tgt Ion:168 Resp: 254954
Ion Ratio Lower Upper
168 100
99 60.5 45.7 68.5



#33
1,2-Dichloroethane-d4
Concen: 46.973 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX034830.D
Acq: 29 Mar 2023 15:59

Tgt Ion: 65 Resp: 183153
Ion Ratio Lower Upper
65 100
67 49.0 0.0 104.0

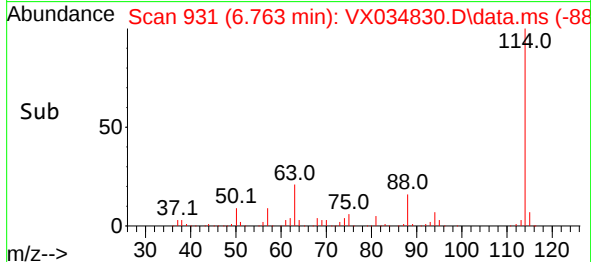
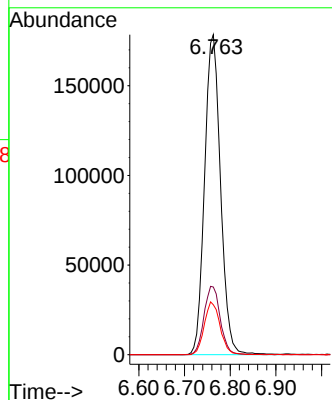
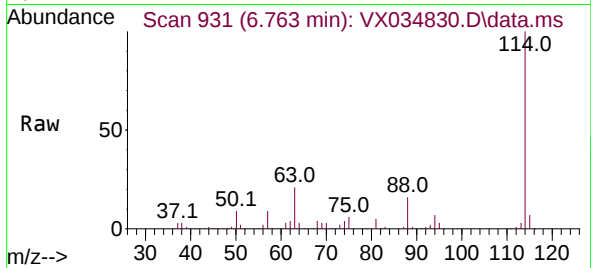




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX034830.D
Acq: 29 Mar 2023 15:59

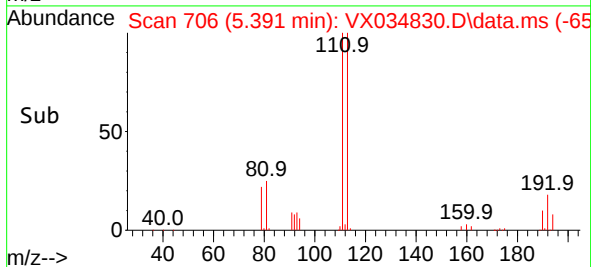
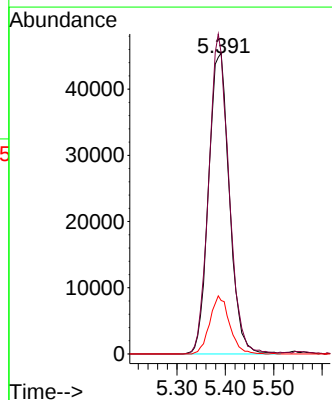
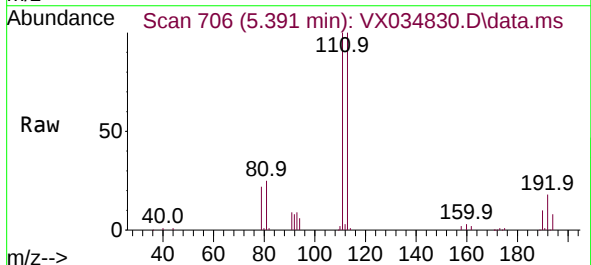
Instrument :
MSVOA_X
ClientSampleId :
E9074-PVSC-001

Tgt Ion:114 Resp: 431920
Ion Ratio Lower Upper
114 100
63 21.2 0.0 42.2
88 15.6 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.611 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX034830.D
Acq: 29 Mar 2023 15:59

Tgt Ion:113 Resp: 136016
Ion Ratio Lower Upper
113 100
111 103.1 83.7 125.5
192 18.3 15.4 23.2

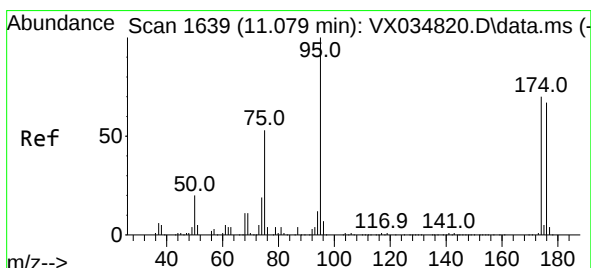
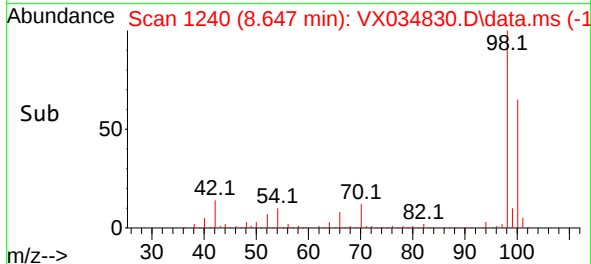
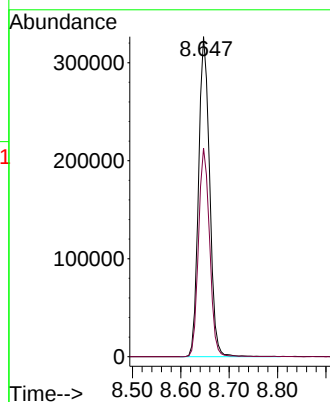
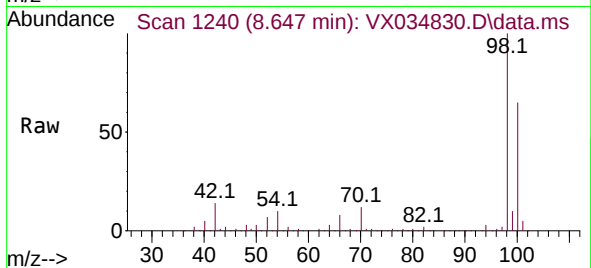




#50
Toluene-d8
Concen: 49.035 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034830.D
Acq: 29 Mar 2023 15:59

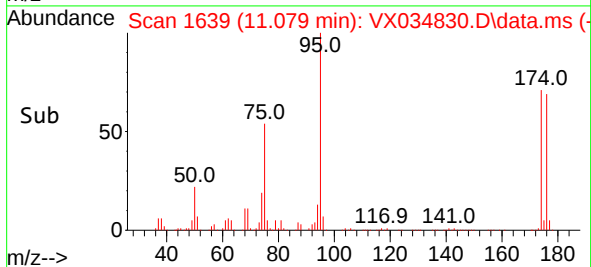
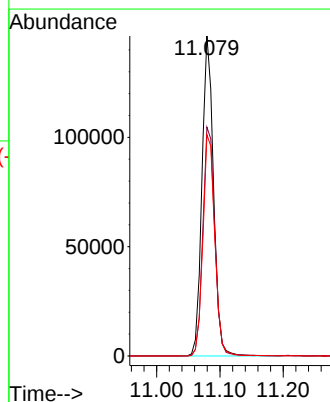
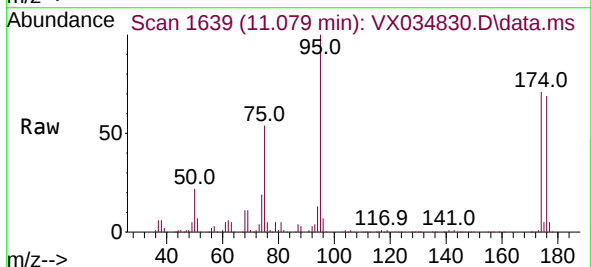
Instrument :
MSVOA_X
ClientSampleId :
E9074-PVSC-001

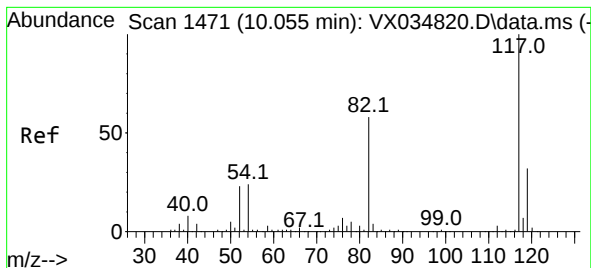
Tgt Ion: 98 Resp: 517058
Ion Ratio Lower Upper
98 100
100 65.3 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 45.710 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034830.D
Acq: 29 Mar 2023 15:59

Tgt Ion: 95 Resp: 186520
Ion Ratio Lower Upper
95 100
174 73.7 0.0 147.4
176 71.0 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: VX034830.D

Acq: 29 Mar 2023 15:59

Instrument :

MSVOA_X

ClientSampleId :

E9074-PVSC-001

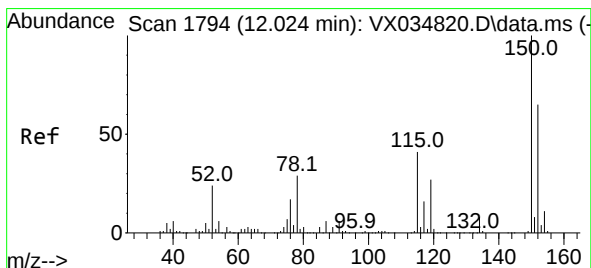
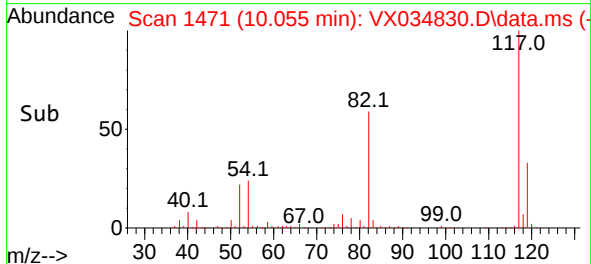
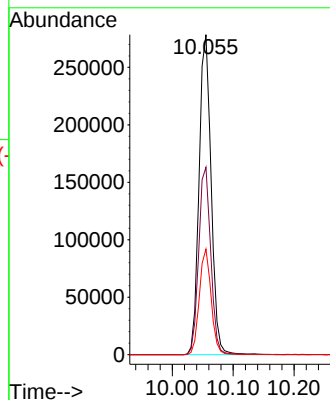
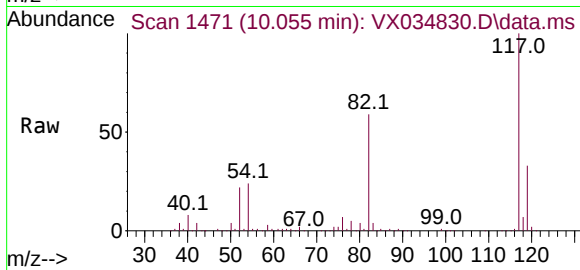
Tgt Ion:117 Resp: 382274

Ion Ratio Lower Upper

117 100

82 58.5 45.0 67.4

119 33.0 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: VX034830.D

Acq: 29 Mar 2023 15:59

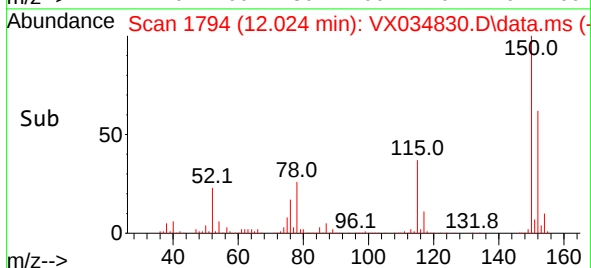
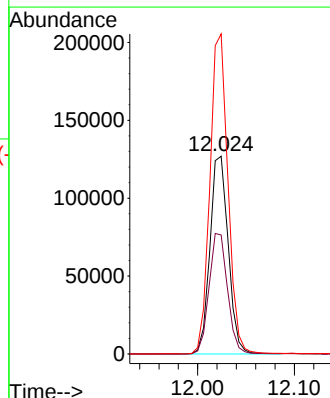
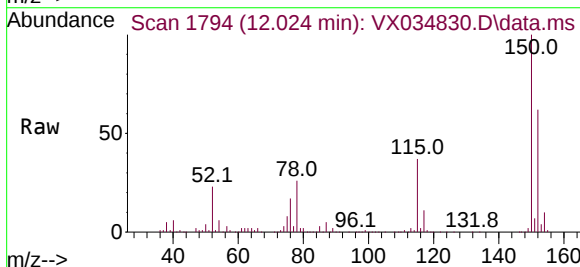
Tgt Ion:152 Resp: 167333

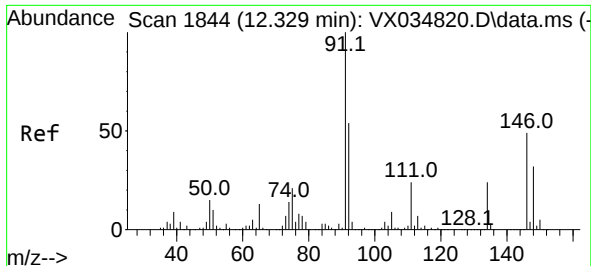
Ion Ratio Lower Upper

152 100

115 61.4 45.0 135.0

150 159.3 0.0 352.4





#89

n-Butylbenzene

Concen: 0.311 ug/l

RT: 12.335 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX034830.D

Acq: 29 Mar 2023 15:59

Instrument :

MSVOA_X

ClientSampleId :

E9074-PVSC-001

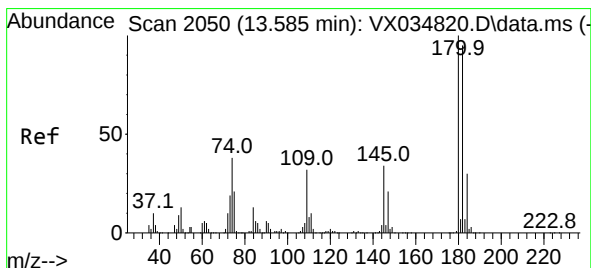
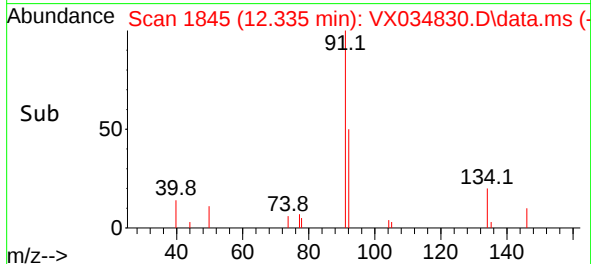
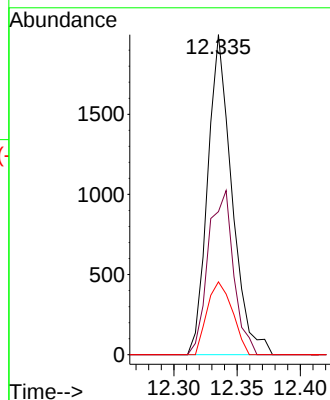
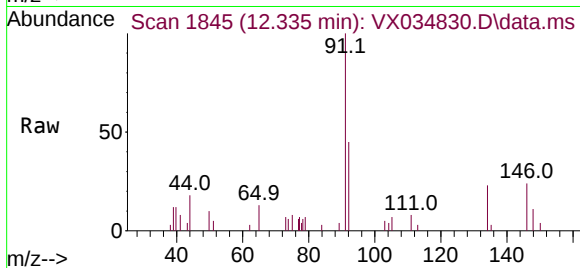
Tgt Ion: 91 Resp: 2655

Ion Ratio Lower Upper

91 100

92 53.9 27.7 83.0

134 23.7 13.0 38.9



#93

1,2,4-Trichlorobenzene

Concen: 0.376 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX034830.D

Acq: 29 Mar 2023 15:59

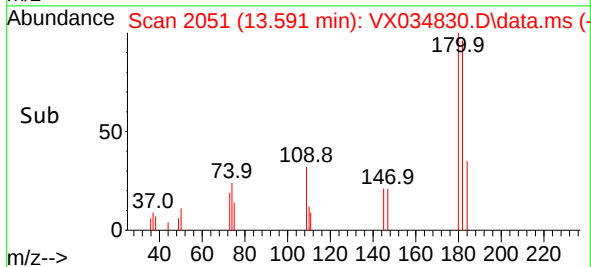
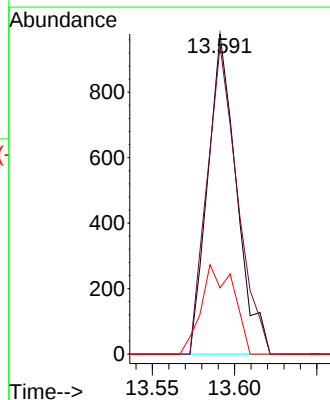
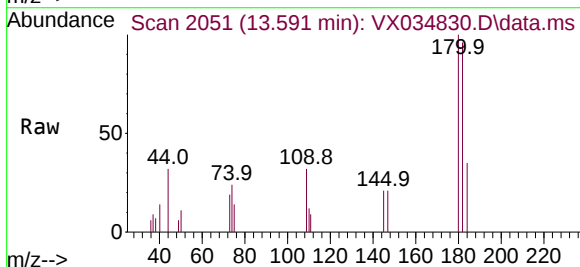
Tgt Ion:180 Resp: 1179

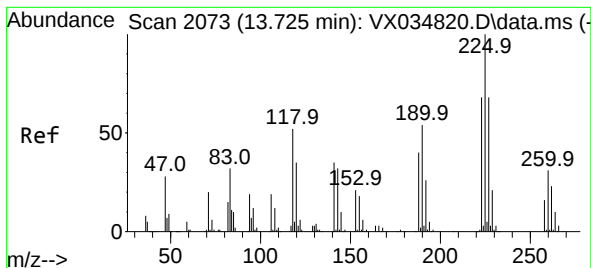
Ion Ratio Lower Upper

180 100

182 102.3 47.0 141.0

145 31.6 15.9 47.7





#94

Hexachlorobutadiene

Concen: 0.938 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX034830.D

Acq: 29 Mar 2023 15:59

Instrument :

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ClientSampleId :

E9074-PVSC-001

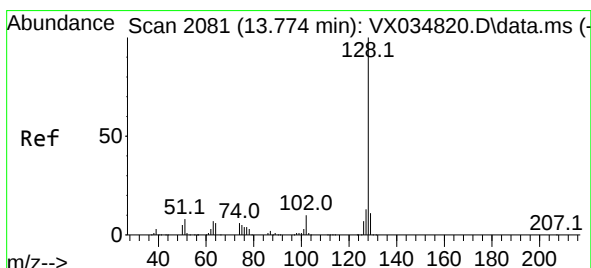
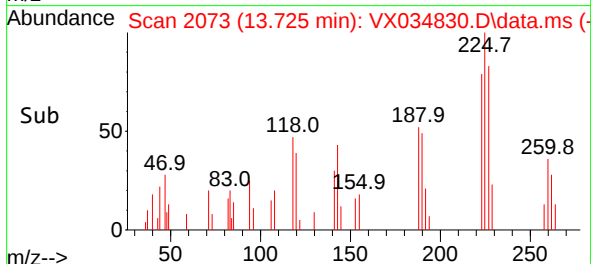
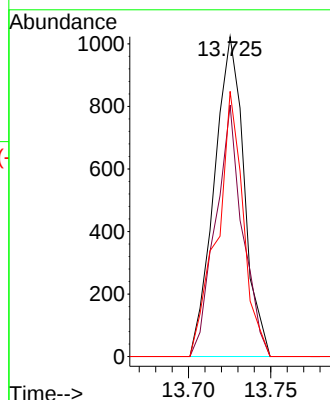
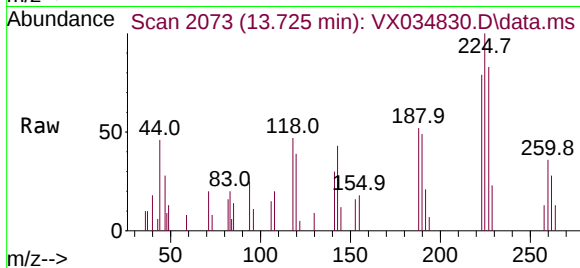
Tgt Ion:225 Resp: 1292

Ion Ratio Lower Upper

225 100

223 71.4 32.1 96.5

227 72.6 31.8 95.4



#95

Naphthalene

Concen: 0.233 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX034830.D

Acq: 29 Mar 2023 15:59

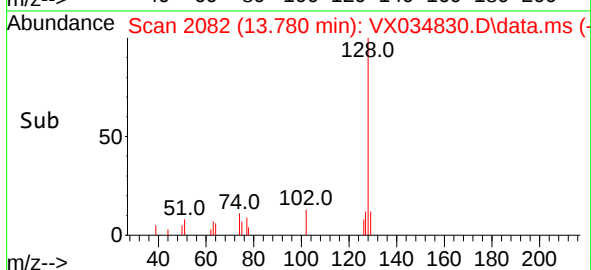
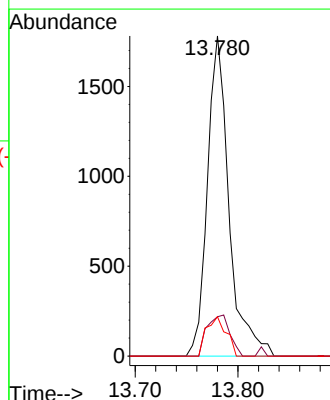
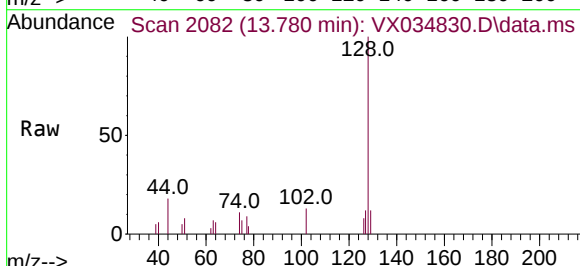
Tgt Ion:128 Resp: 2594

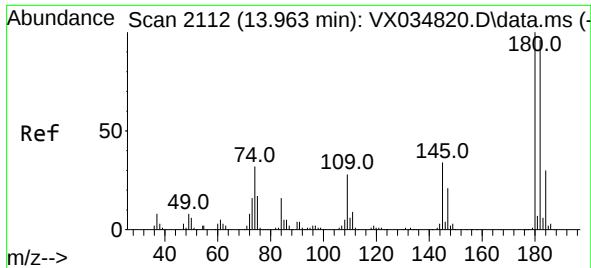
Ion Ratio Lower Upper

128 100

127 13.5 10.2 15.4

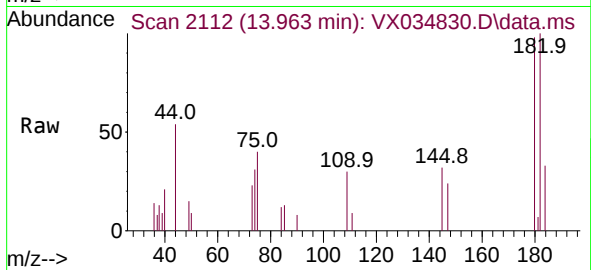
129 11.3 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 0.311 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. 0.000 min
 Lab File: VX034830.D
 Acq: 29 Mar 2023 15:59

Instrument :
 MSVOA_X
 ClientSampleId :
 E9074-PVSC-001



Tgt Ion:	180	Resp:	982
Ion	Ratio	Lower	Upper
180	100		
182	105.1	48.0	144.2
145	44.1	17.7	53.1

