

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042823\
 Data File : VX035391.D
 Acq On : 28 Apr 2023 15:20
 Operator : JC/MD
 Sample : 02386-18 40X
 Misc : 3.75g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPA-5WC-23-04

Quant Time: Apr 29 00:38:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

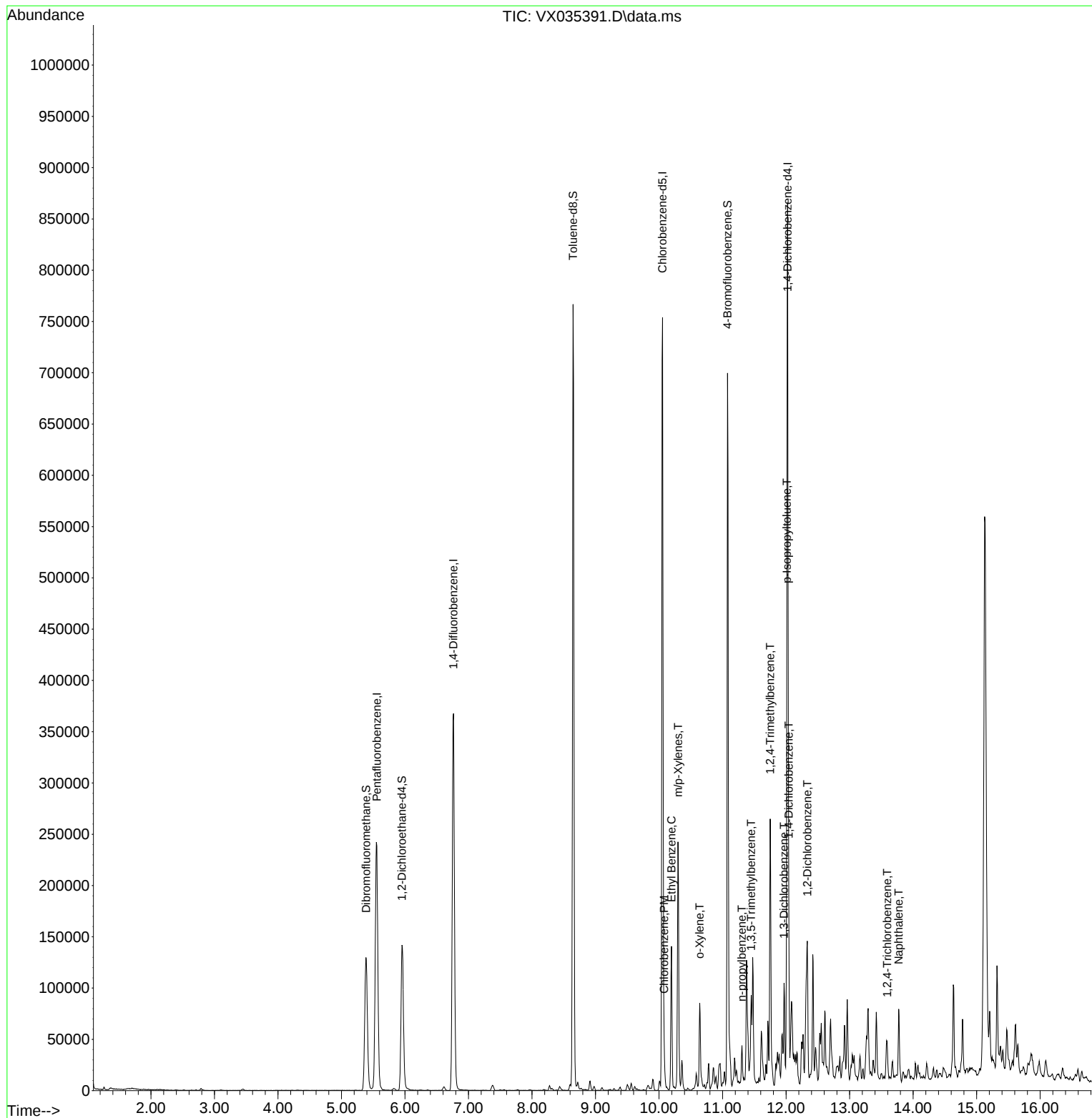
Internal Standards						
1) Pentafluorobenzene	5.556	168	239433	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	388759	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	361030	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	182194	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	139992	48.463	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.920%		
35) Dibromofluoromethane	5.385	113	117723	49.337	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.680%		
50) Toluene-d8	8.647	98	458228	50.908	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.820%		
62) 4-Bromofluorobenzene	11.079	95	181333	53.553	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	107.100%		
Target Compounds						Qvalue
65) Chlorobenzene	10.079	112	13672	1.750	ug/l	95
67) Ethyl Benzene	10.195	91	77761	5.749	ug/l	100
68) m/p-Xylenes	10.299	106	55939	10.792	ug/l	96
69) o-Xylene	10.640	106	18768	3.693	ug/l	97
78) n-propylbenzene	11.305	91	22482	1.470	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	34633	3.084	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	105585	9.358	ug/l	99
86) p-Isopropyltoluene	12.012	119	21574	1.835	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	9082	1.444	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	39022	5.916	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	35417	5.628	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	5528	1.398	ug/l #	88
95) Naphthalene	13.774	128	44597	3.663	ug/l	96

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

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SPA-5WC-23-04

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 25 16:31:40 2023
Response via : Initial Calibration

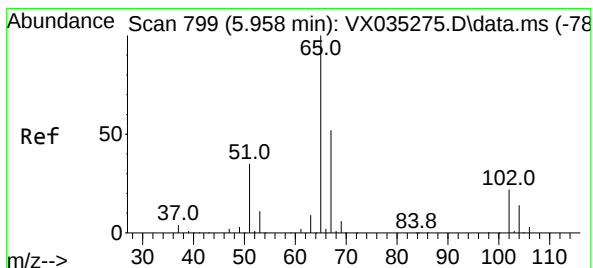
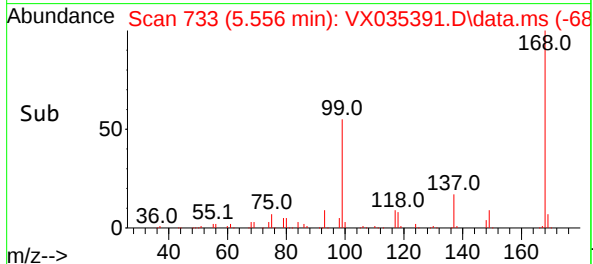
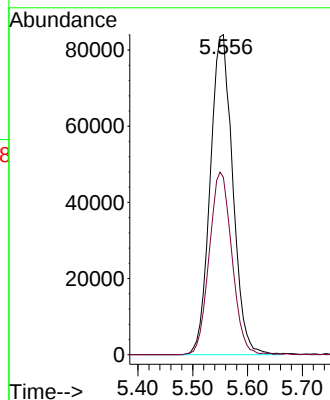
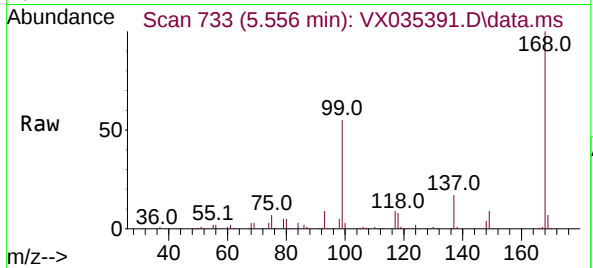




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX035391.D
Acq: 28 Apr 2023 15:20

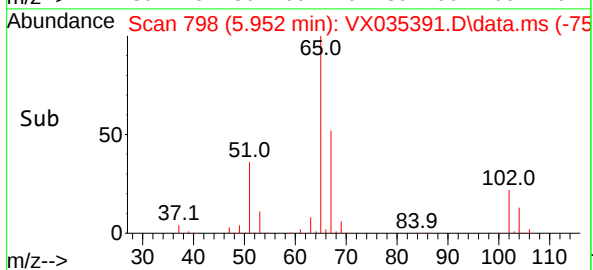
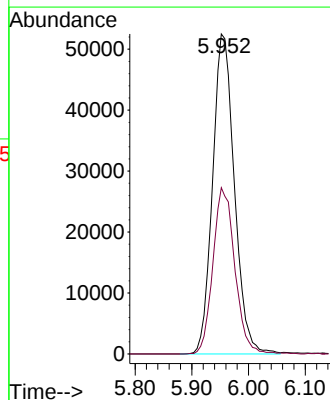
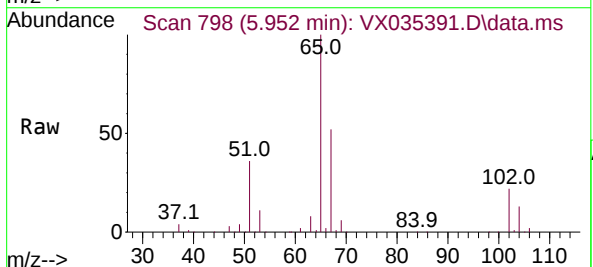
Instrument :
MSVOA_X
ClientSampleId :
SPA-5WC-23-04

Tgt Ion:168 Resp: 239433
Ion Ratio Lower Upper
168 100
99 55.4 45.7 68.5



#33
1,2-Dichloroethane-d4
Concen: 48.463 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX035391.D
Acq: 28 Apr 2023 15:20

Tgt Ion: 65 Resp: 139992
Ion Ratio Lower Upper
65 100
67 52.2 0.0 104.0

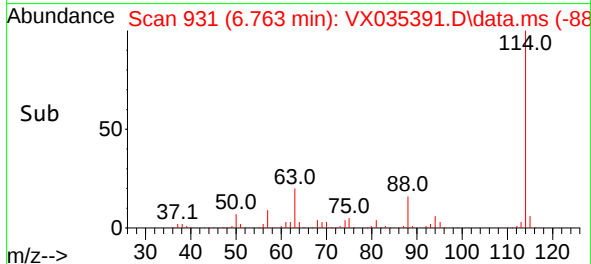
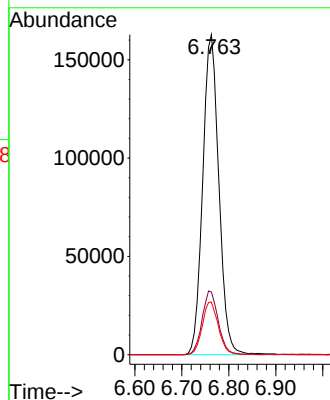
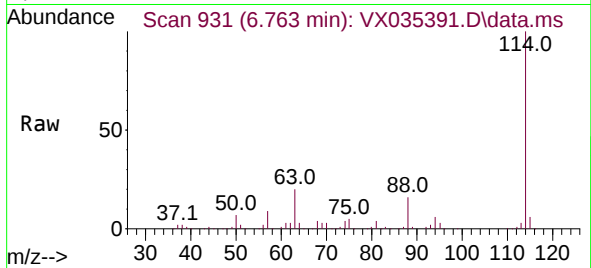




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX035391.D
Acq: 28 Apr 2023 15:20

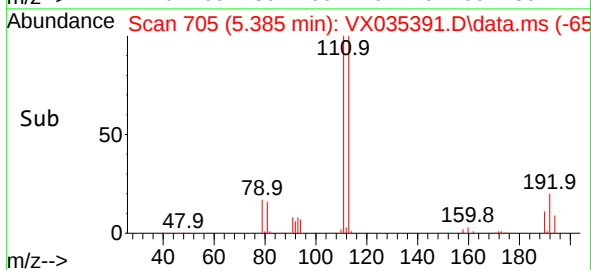
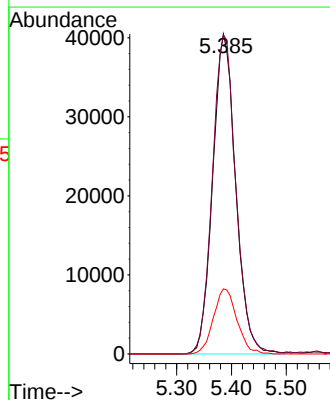
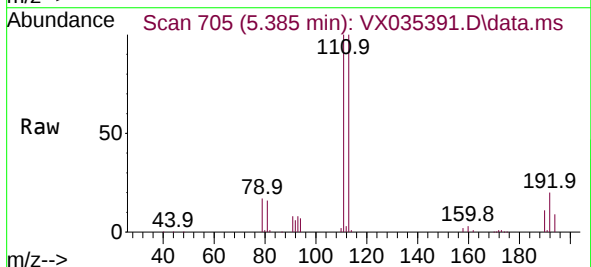
Instrument :
MSVOA_X
ClientSampleId :
SPA-5WC-23-04

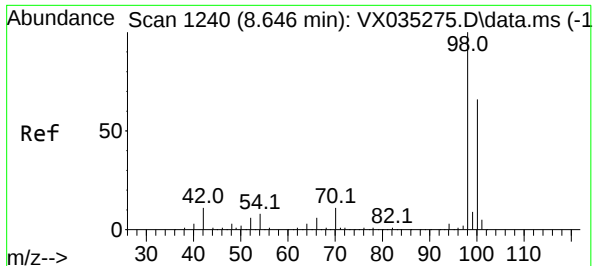
Tgt Ion:114 Resp: 388759
Ion Ratio Lower Upper
114 100
63 19.6 0.0 42.2
88 16.5 0.0 33.2



#35
Dibromofluoromethane
Concen: 49.337 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035391.D
Acq: 28 Apr 2023 15:20

Tgt Ion:113 Resp: 117723
Ion Ratio Lower Upper
113 100
111 101.9 83.7 125.5
192 20.8 15.4 23.2





#50

Toluene-d8

Concen: 50.908 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.001 min

Lab File: VX035391.D

Acq: 28 Apr 2023 15:20

Instrument :

MSVOA_X

ClientSampleId :

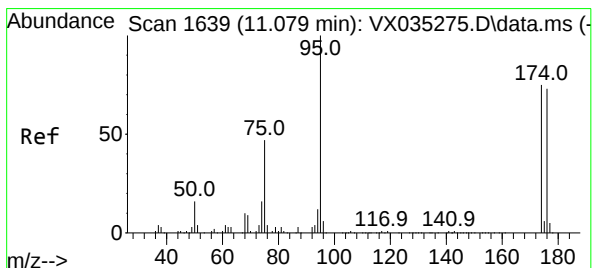
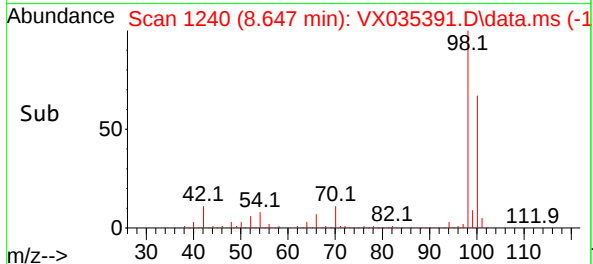
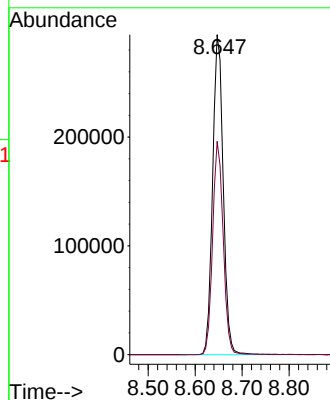
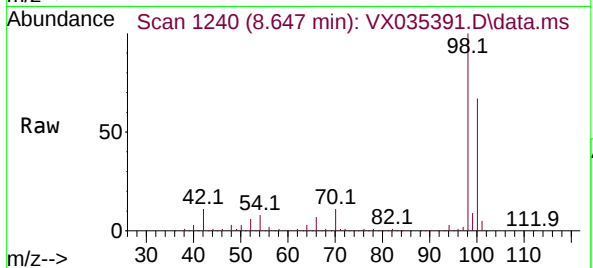
SPA-5WC-23-04

Tgt Ion: 98 Resp: 458228

Ion Ratio Lower Upper

98 100

100 66.6 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 53.553 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX035391.D

Acq: 28 Apr 2023 15:20

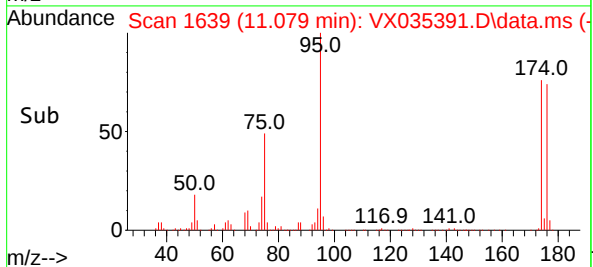
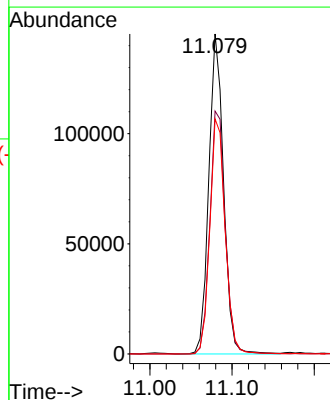
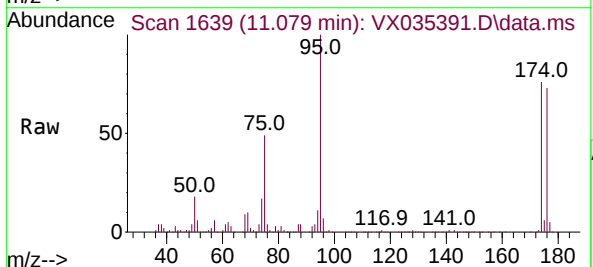
Tgt Ion: 95 Resp: 181333

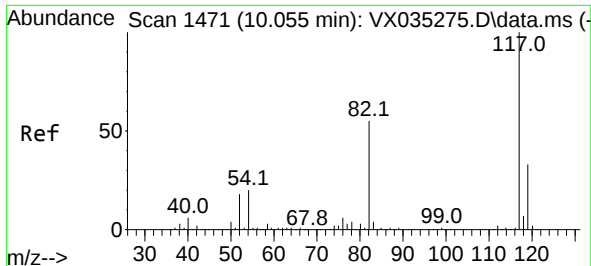
Ion Ratio Lower Upper

95 100

174 79.0 0.0 147.4

176 76.2 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: VX035391.D

Acq: 28 Apr 2023 15:20

Instrument :

MSVOA_X

ClientSampleId :

SPA-5WC-23-04

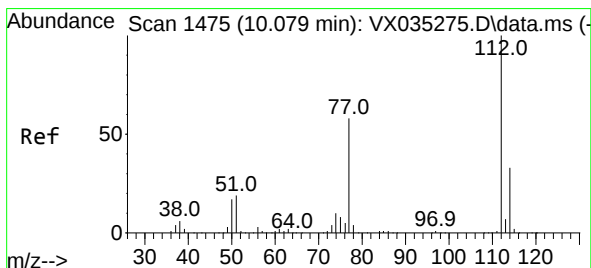
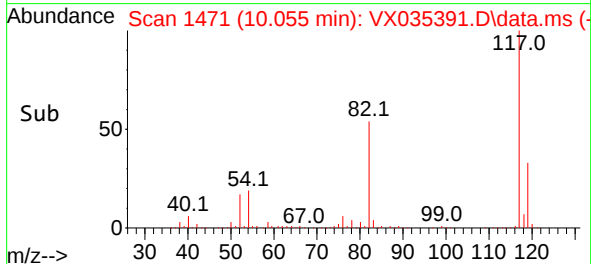
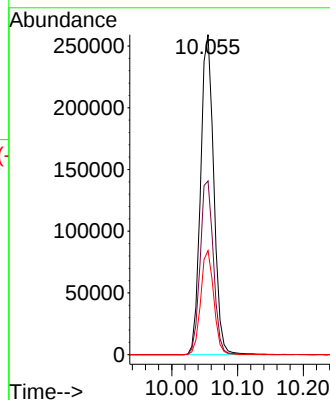
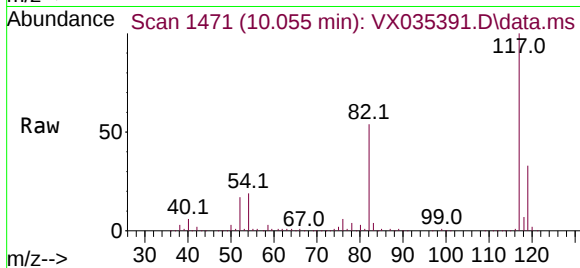
Tgt Ion:117 Resp: 361030

Ion Ratio Lower Upper

117 100

82 54.3 45.0 67.4

119 32.6 26.0 39.0



#65

Chlorobenzene

Concen: 1.750 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX035391.D

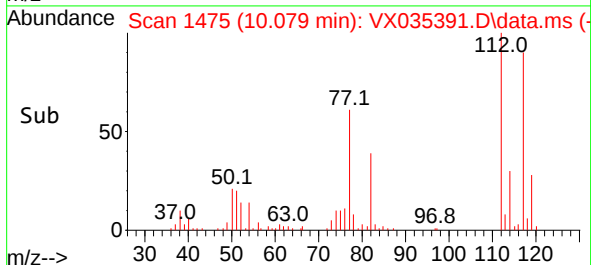
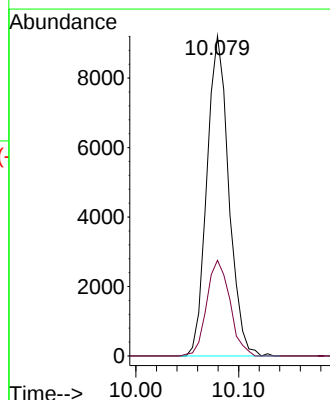
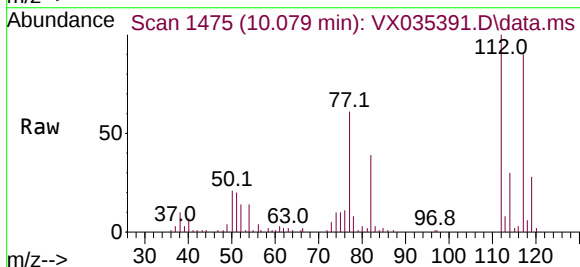
Acq: 28 Apr 2023 15:20

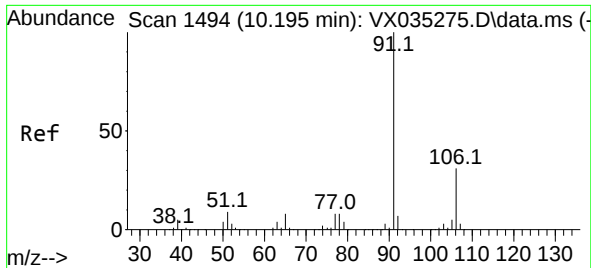
Tgt Ion:112 Resp: 13672

Ion Ratio Lower Upper

112 100

114 29.9 26.2 39.2

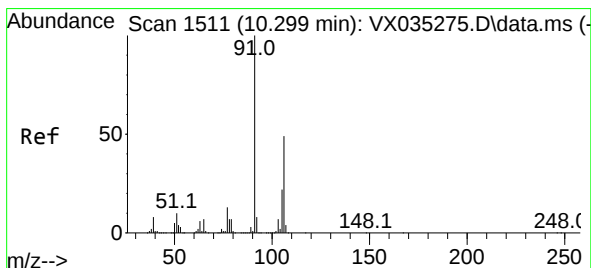
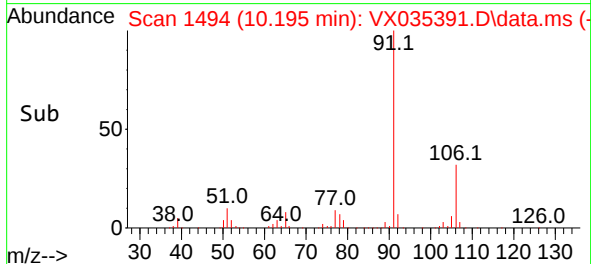
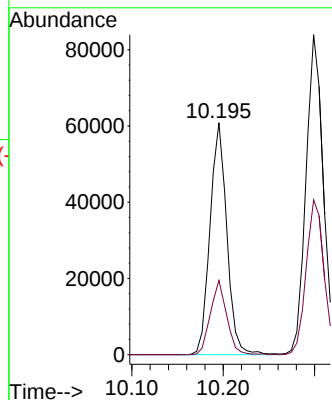
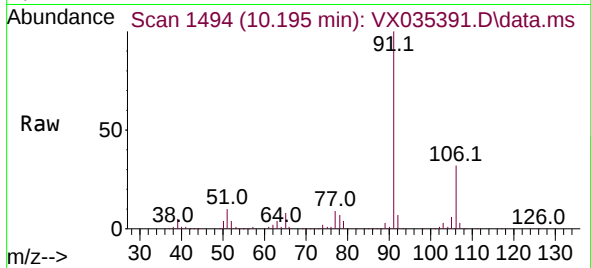




#67
Ethyl Benzene
Concen: 5.749 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX035391.D
Acq: 28 Apr 2023 15:20

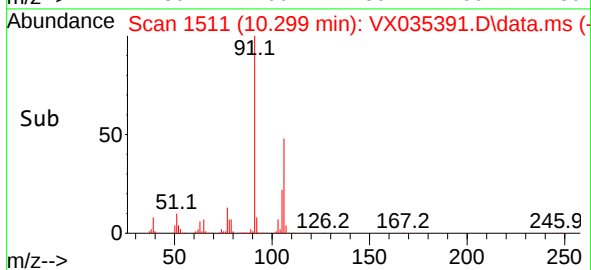
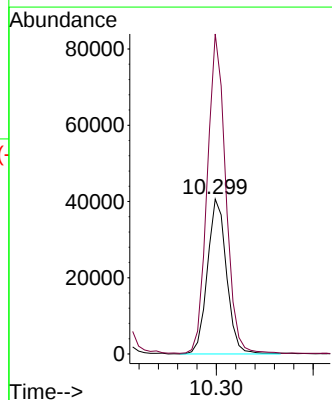
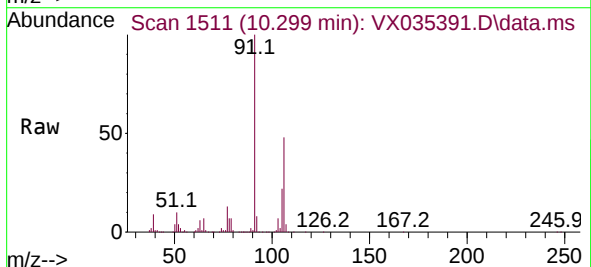
Instrument :
MSVOA_X
ClientSampleId :
SPA-5WC-23-04

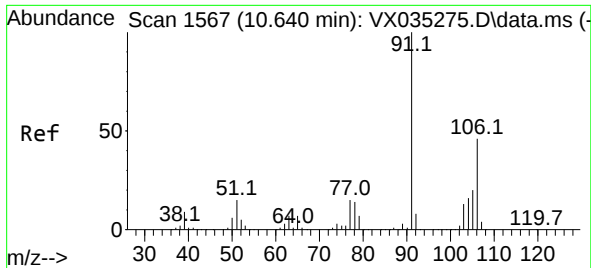
Tgt Ion: 91 Resp: 77761
Ion Ratio Lower Upper
91 100
106 32.0 25.6 38.4



#68
m/p-Xylenes
Concen: 10.792 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX035391.D
Acq: 28 Apr 2023 15:20

Tgt Ion: 106 Resp: 55939
Ion Ratio Lower Upper
106 100
91 199.0 164.0 246.0

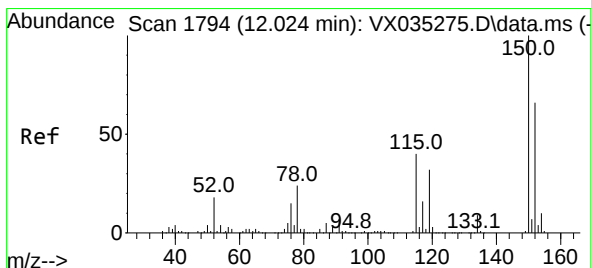
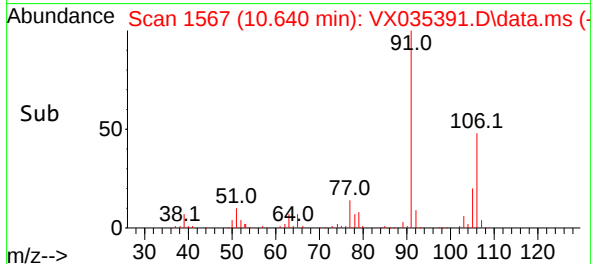
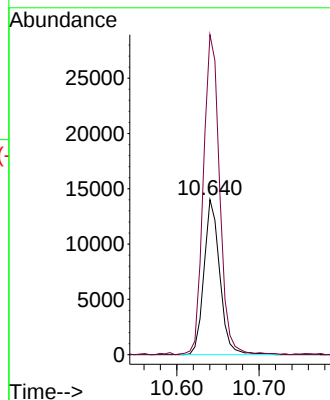
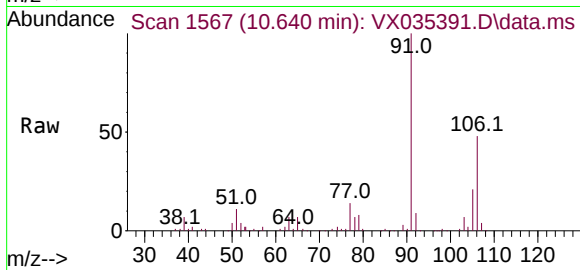




#69
o-Xylene
Concen: 3.693 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035391.D
Acq: 28 Apr 2023 15:20

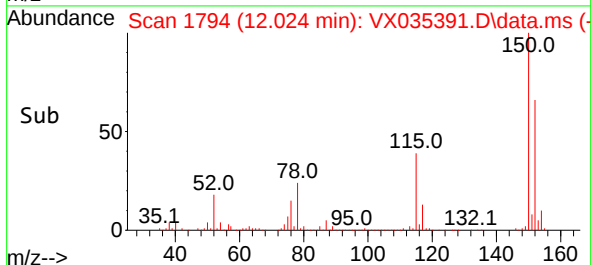
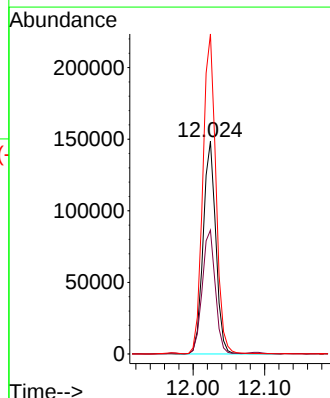
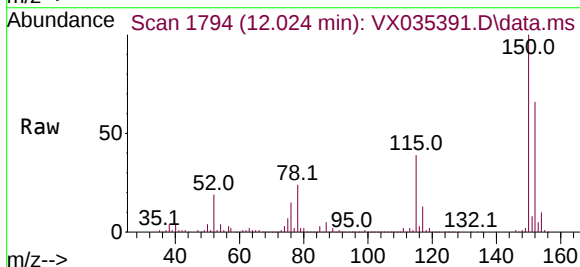
Instrument :
MSVOA_X
ClientSampleId :
SPA-5WC-23-04

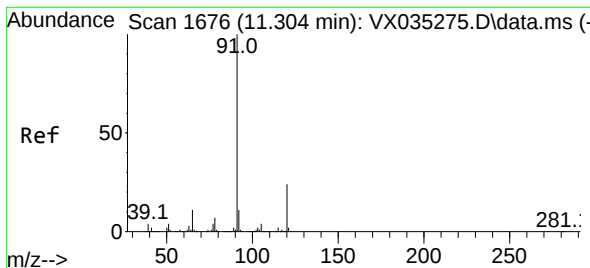
Tgt Ion:106 Resp: 18768
Ion Ratio Lower Upper
106 100
91 212.8 108.5 325.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035391.D
Acq: 28 Apr 2023 15:20

Tgt Ion:152 Resp: 182194
Ion Ratio Lower Upper
152 100
115 59.9 45.0 135.0
150 155.2 0.0 352.4





#78

n-propylbenzene

Concen: 1.470 ug/l

RT: 11.305 min Scan# 1

Delta R.T. 0.001 min

Lab File: VX035391.D

Acq: 28 Apr 2023 15:20

Instrument :

MSVOA_X

ClientSampleId :

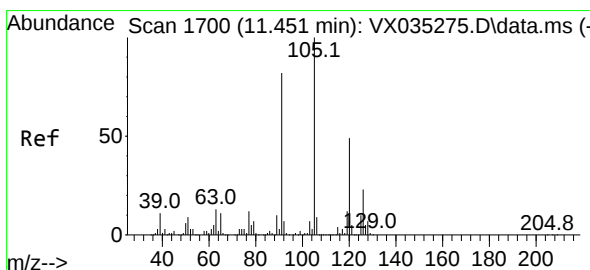
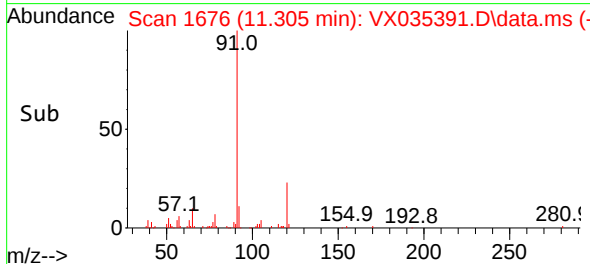
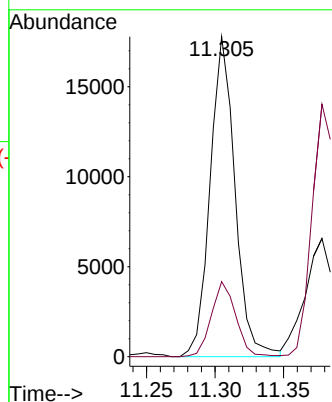
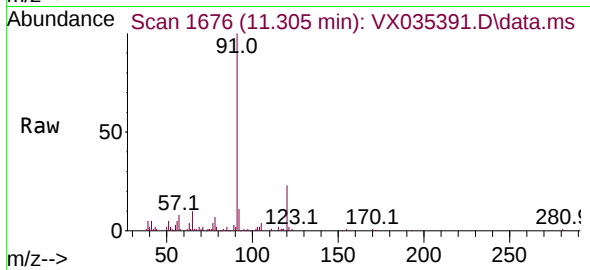
SPA-5WC-23-04

Tgt Ion: 91 Resp: 22482

Ion Ratio Lower Upper

91 100

120 22.9 11.5 34.5



#80

1,3,5-Trimethylbenzene

Concen: 3.084 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX035391.D

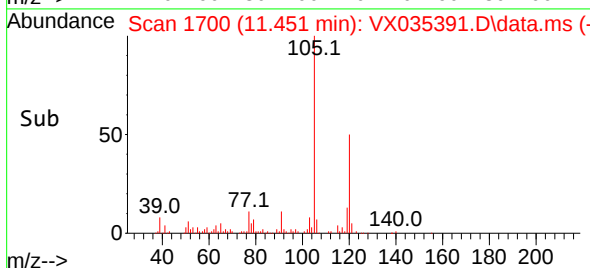
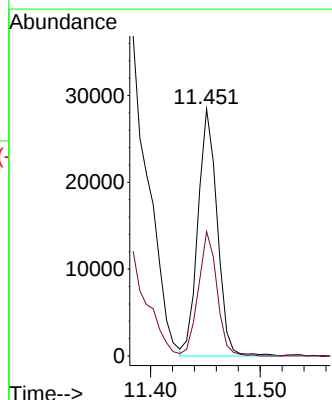
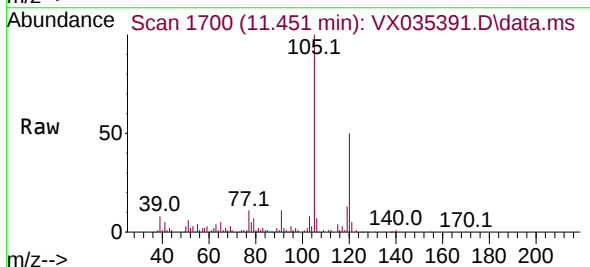
Acq: 28 Apr 2023 15:20

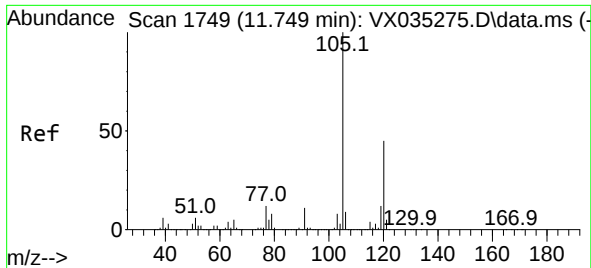
Tgt Ion: 105 Resp: 34633

Ion Ratio Lower Upper

105 100

120 48.8 23.7 71.1

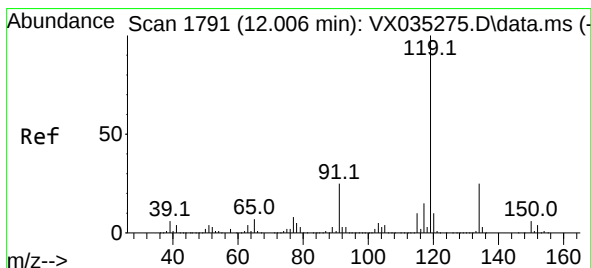
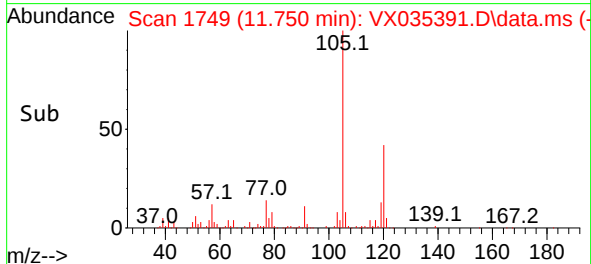
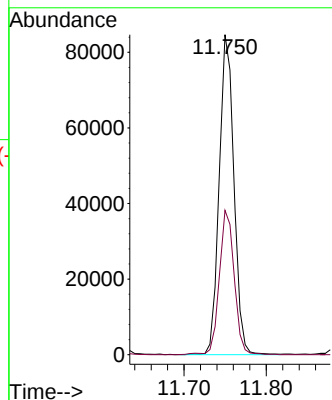
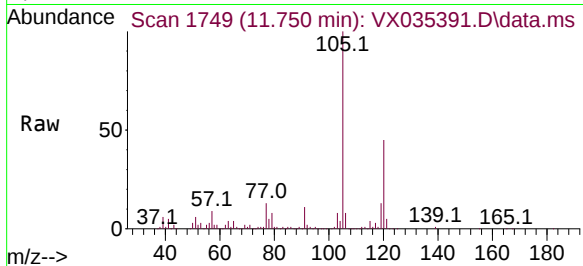




#84
 1,2,4-Trimethylbenzene
 Concen: 9.358 ug/l
 RT: 11.750 min Scan# 11
 Delta R.T. 0.001 min
 Lab File: VX035391.D
 Acq: 28 Apr 2023 15:20

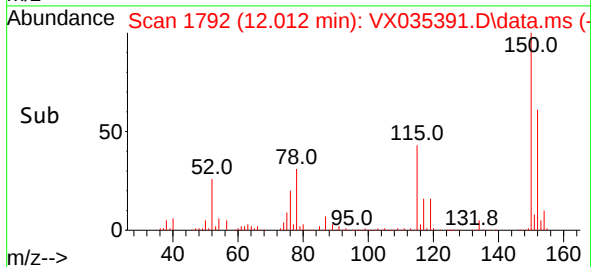
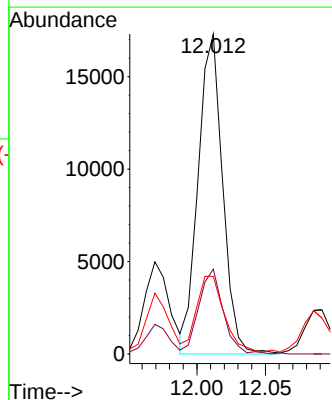
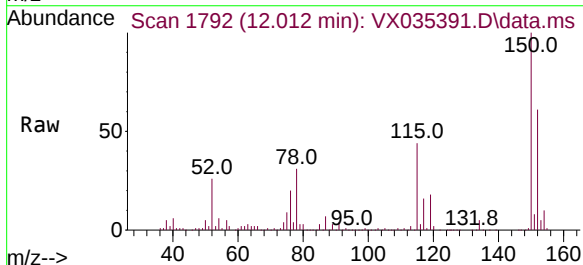
Instrument :
 MSVOA_X
 ClientSampleId :
 SPA-5WC-23-04

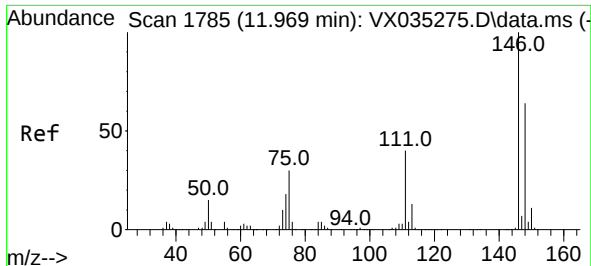
Tgt Ion:105 Resp: 105585
 Ion Ratio Lower Upper
 105 100
 120 45.6 22.4 67.0



#86
 p-Isopropyltoluene
 Concen: 1.835 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX035391.D
 Acq: 28 Apr 2023 15:20

Tgt Ion:119 Resp: 21574
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.2 39.5
 91 26.4 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 1.444 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX035391.D

Acq: 28 Apr 2023 15:20

Instrument :

MSVOA_X

ClientSampleId :

SPA-5WC-23-04

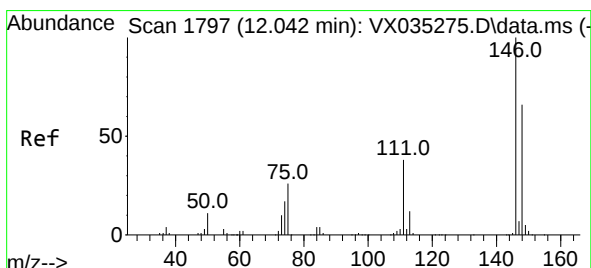
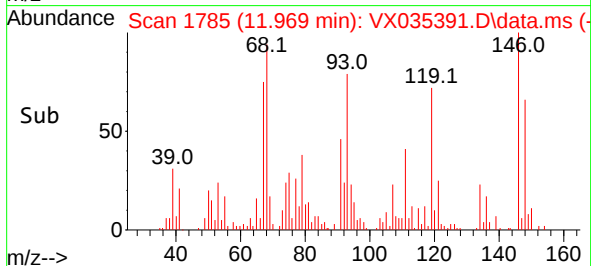
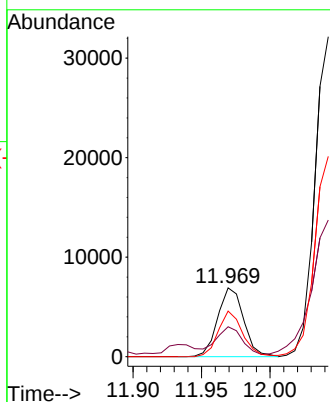
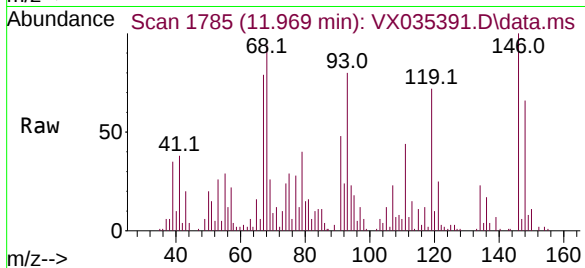
Tgt Ion:146 Resp: 9082

Ion Ratio Lower Upper

146 100

111 38.6 20.9 62.8

148 62.1 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 5.916 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX035391.D

Acq: 28 Apr 2023 15:20

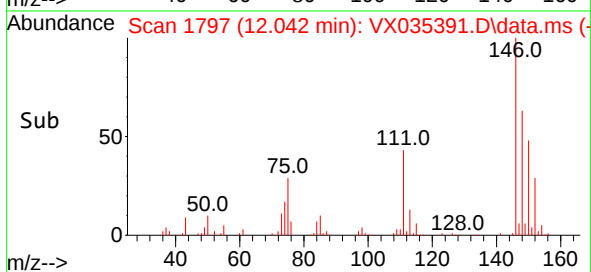
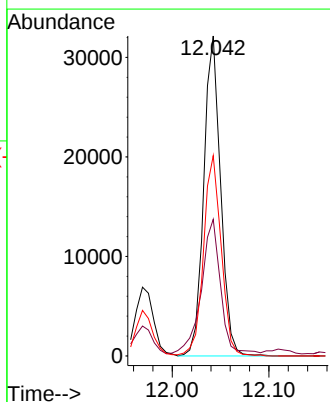
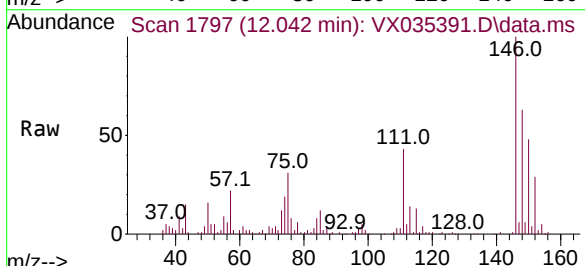
Tgt Ion:146 Resp: 39022

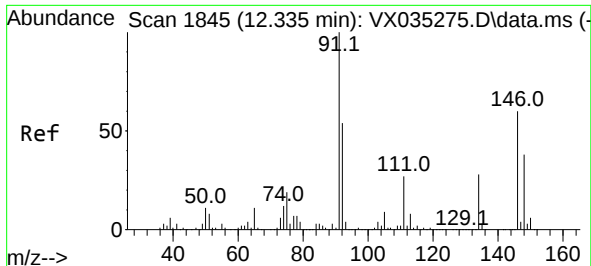
Ion Ratio Lower Upper

146 100

111 48.6 20.6 61.9

148 65.9 31.8 95.4

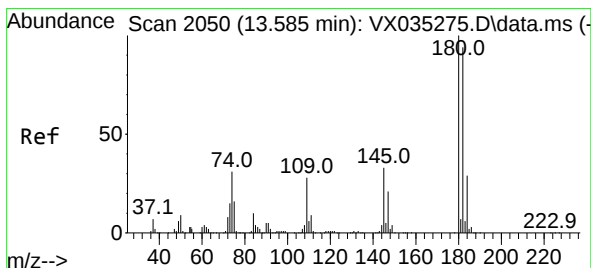
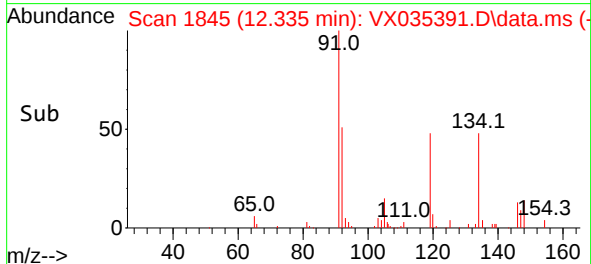
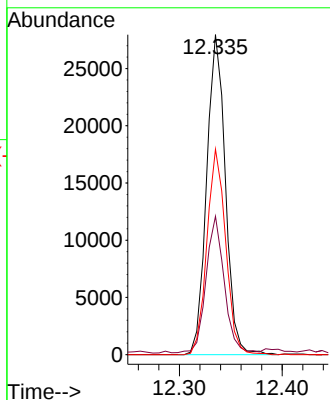
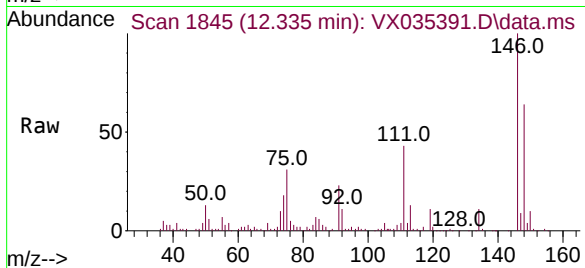




#91
1,2-Dichlorobenzene
Concen: 5.628 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035391.D
Acq: 28 Apr 2023 15:20

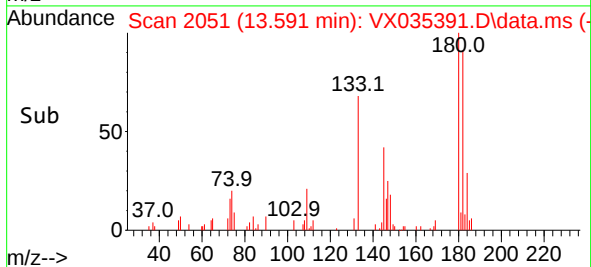
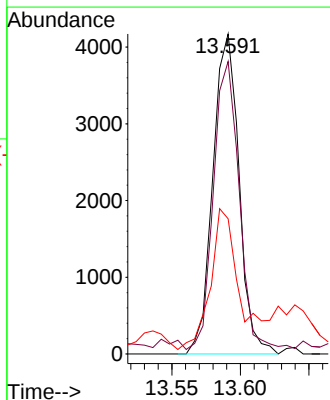
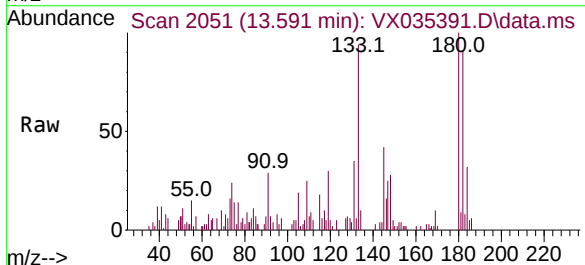
Instrument :
MSVOA_X
ClientSampleId :
SPA-5WC-23-04

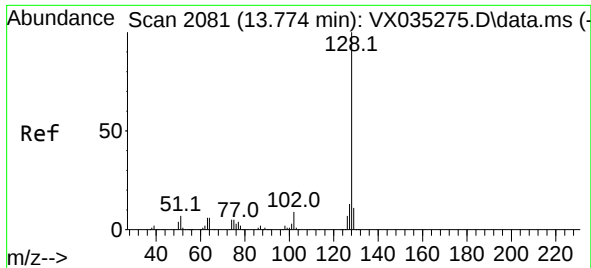
Tgt Ion:146 Resp: 35417
Ion Ratio Lower Upper
146 100
111 41.3 22.0 66.0
148 64.3 32.0 96.0



#93
1,2,4-Trichlorobenzene
Concen: 1.398 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX035391.D
Acq: 28 Apr 2023 15:20

Tgt Ion:180 Resp: 5528
Ion Ratio Lower Upper
180 100
182 89.0 47.0 141.0
145 48.8 15.9 47.7#





#95
Naphthalene
Concen: 3.663 ug/l
RT: 13.774 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX035391.D
Acq: 28 Apr 2023 15:20

Instrument :
MSVOA_X
ClientSampleId :
SPA-5WC-23-04

Tgt Ion:128 Resp: 44597
Ion Ratio Lower Upper
128 100
127 14.5 10.2 15.4
129 12.1 8.6 13.0

