

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042823\
 Data File : VX035390.D
 Acq On : 28 Apr 2023 14:56
 Operator : JC/MD
 Sample : 02386-14 40X
 Misc : 3.62g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPA-4WC-23-04

Quant Time: Apr 29 00:38:00 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)

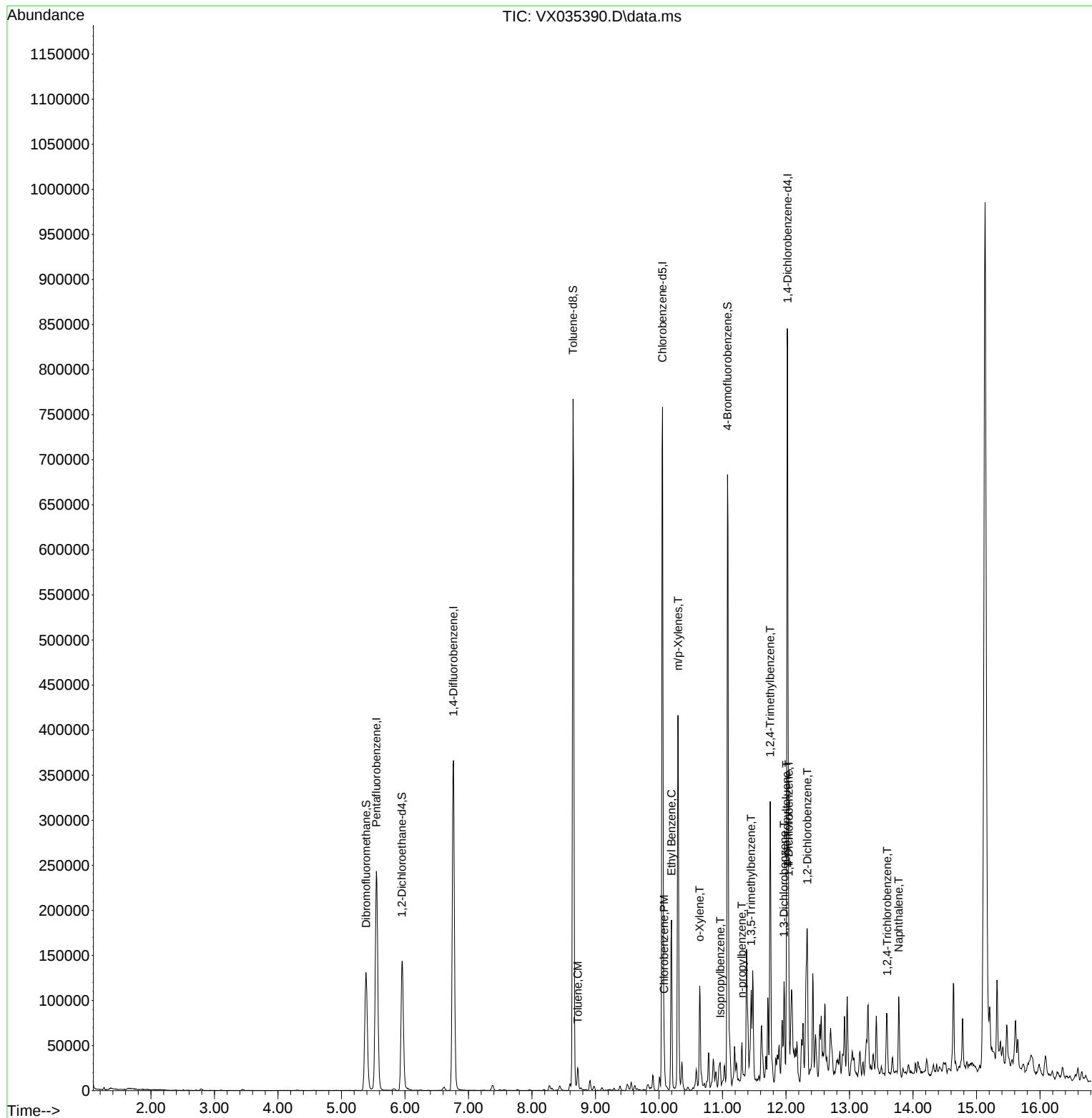
Internal Standards						
1) Pentafluorobenzene	5.550	168	236663	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	387746	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	359635	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	179723	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	141118	49.425	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.840%		
35) Dibromofluoromethane	5.385	113	116929	49.132	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.260%		
50) Toluene-d8	8.647	98	459564	51.190	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	102.380%		
62) 4-Bromofluorobenzene	11.079	95	179576	53.173	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	106.340%		
Target Compounds					Qvalue	
52) Toluene	8.720	92	9053	1.340	ug/l	97
65) Chlorobenzene	10.080	112	17020	2.187	ug/l	97
67) Ethyl Benzene	10.195	91	108522	8.054	ug/l	100
68) m/p-Xylenes	10.299	106	94366	18.277	ug/l	98
69) o-Xylene	10.640	106	24613	4.861	ug/l	98
73) Isopropylbenzene	10.964	105	13917	1.059	ug/l	98
78) n-propylbenzene	11.305	91	26457	1.753	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	39986	3.610	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	124276	11.165	ug/l	100
86) p-Isopropyltoluene	12.006	119	21272	1.835	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	8034	1.295	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	32458	4.988	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	41960	6.760	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	12341	3.163	ug/l	92
95) Naphthalene	13.774	128	58639	4.882	ug/l	98

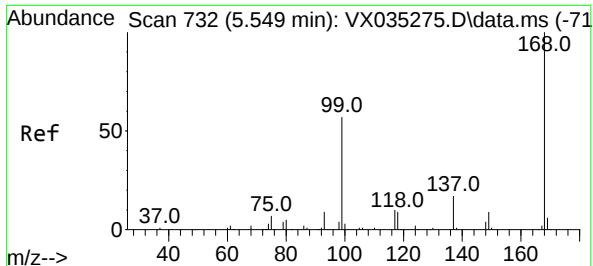
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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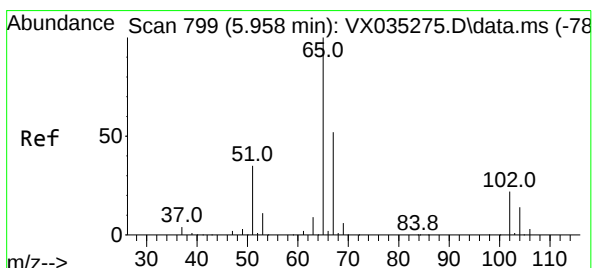
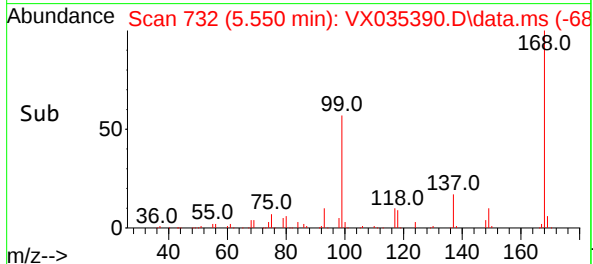
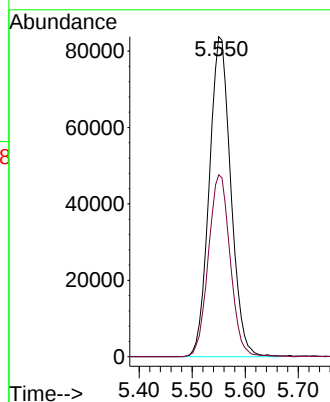
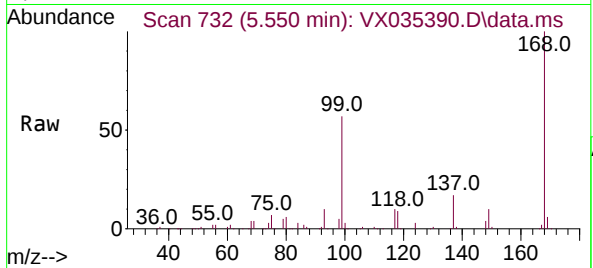




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035390.D
Acq: 28 Apr 2023 14:56

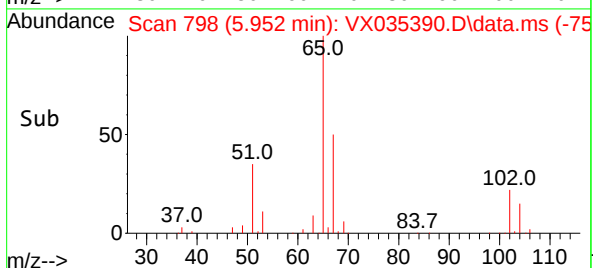
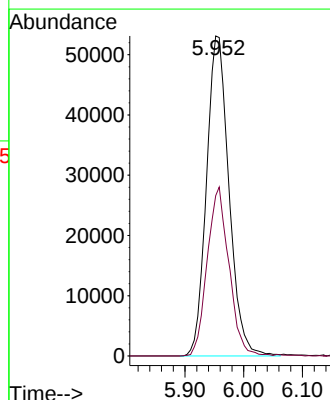
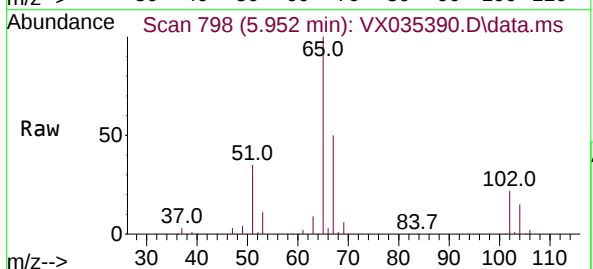
Instrument :
MSVOA_X
ClientSampleId :
SPA-4WC-23-04

Tgt Ion:168 Resp: 236663
Ion Ratio Lower Upper
168 100
99 56.9 45.7 68.5



#33
1,2-Dichloroethane-d4
Concen: 49.425 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX035390.D
Acq: 28 Apr 2023 14:56

Tgt Ion: 65 Resp: 141118
Ion Ratio Lower Upper
65 100
67 51.0 0.0 104.0

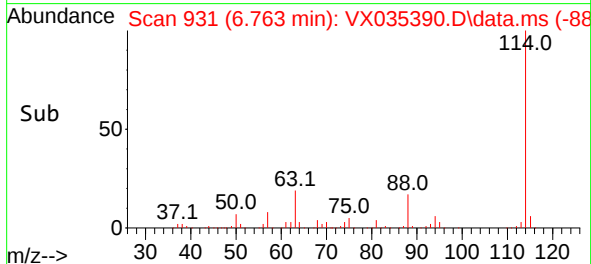
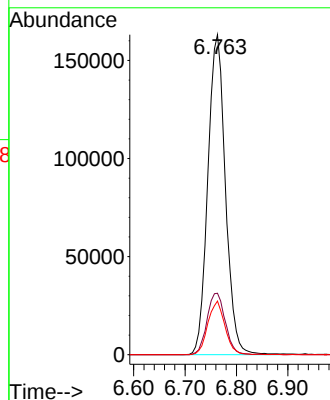
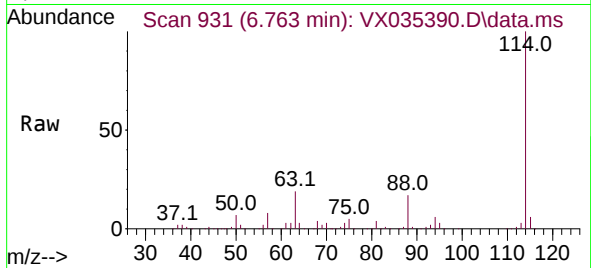




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX035390.D
Acq: 28 Apr 2023 14:56

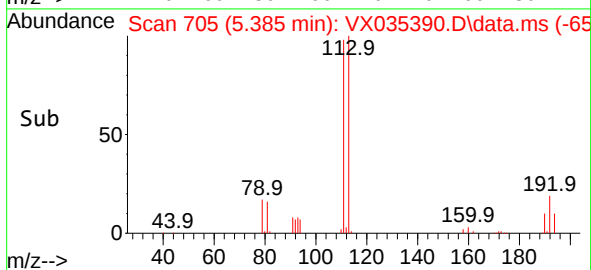
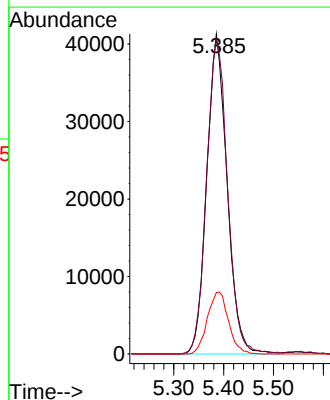
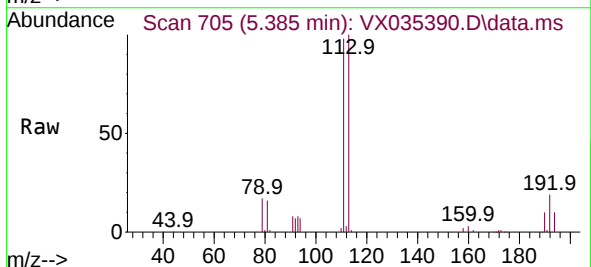
Instrument :
MSVOA_X
ClientSampleId :
SPA-4WC-23-04

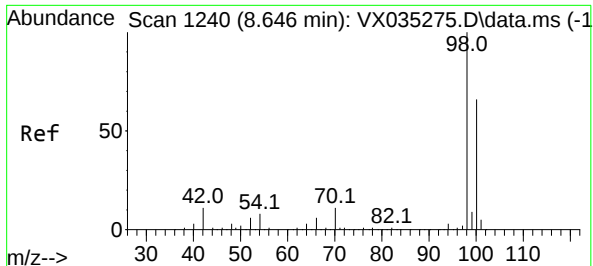
Tgt Ion:114 Resp: 387746
Ion Ratio Lower Upper
114 100
63 19.2 0.0 42.2
88 16.8 0.0 33.2



#35
Dibromofluoromethane
Concen: 49.132 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035390.D
Acq: 28 Apr 2023 14:56

Tgt Ion:113 Resp: 116929
Ion Ratio Lower Upper
113 100
111 101.7 83.7 125.5
192 20.0 15.4 23.2





#50

Toluene-d8

Concen: 51.190 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.001 min

Lab File: VX035390.D

Acq: 28 Apr 2023 14:56

Instrument :

MSVOA_X

ClientSampleId :

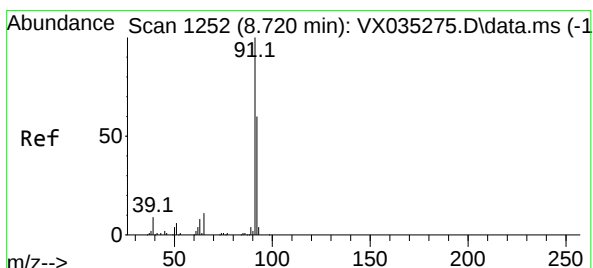
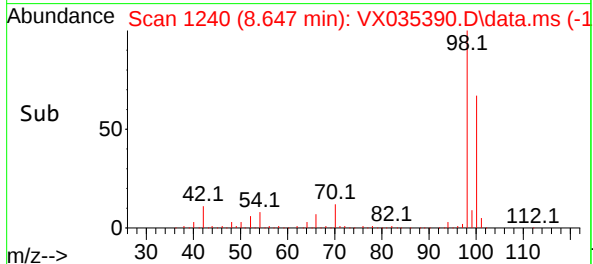
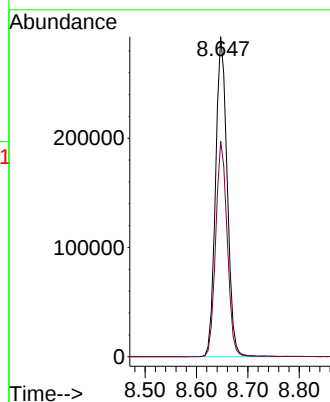
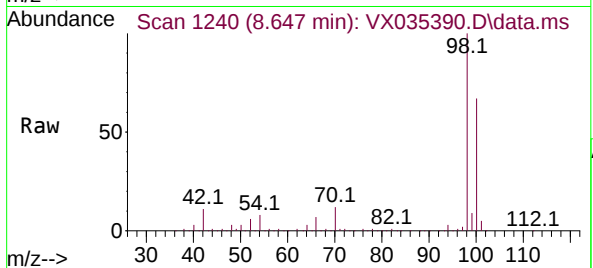
SPA-4WC-23-04

Tgt Ion: 98 Resp: 459564

Ion Ratio Lower Upper

98 100

100 66.7 52.5 78.7



#52

Toluene

Concen: 1.340 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX035390.D

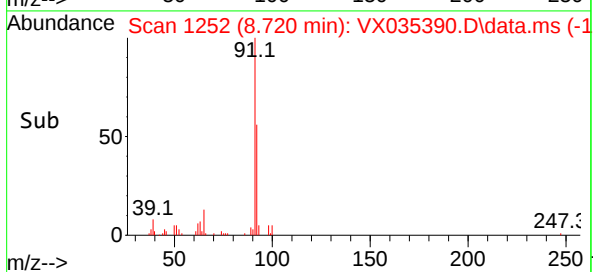
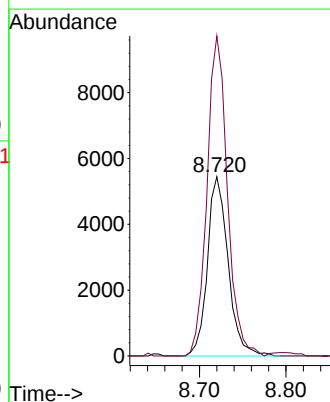
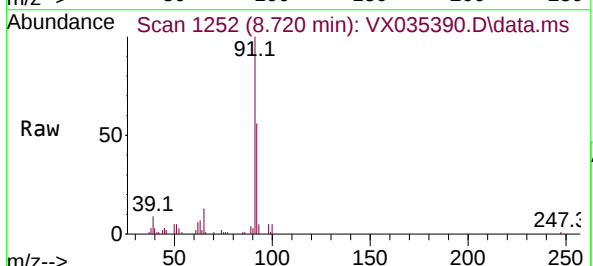
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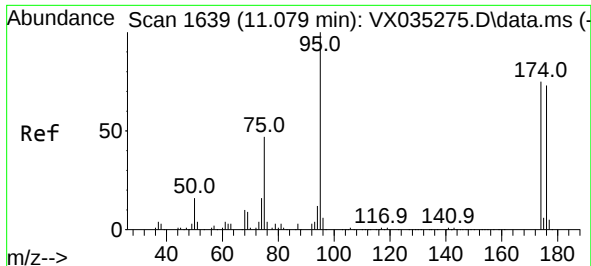
Tgt Ion: 92 Resp: 9053

Ion Ratio Lower Upper

92 100

91 175.5 136.8 205.2





#62

4-Bromofluorobenzene

Concen: 53.173 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX035390.D

Acq: 28 Apr 2023 14:56

Instrument :

MSVOA_X

ClientSampleId :

SPA-4WC-23-04

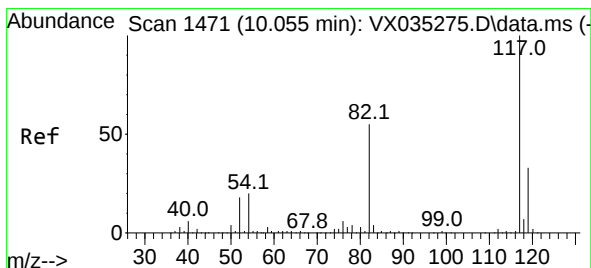
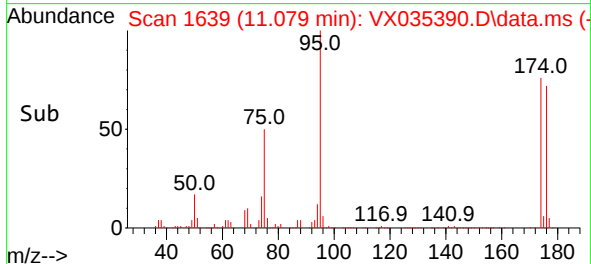
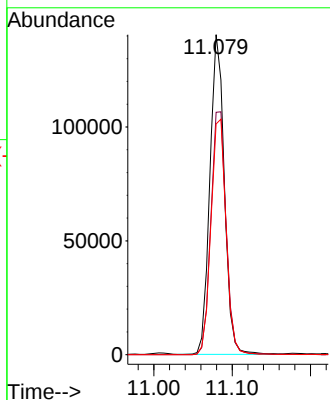
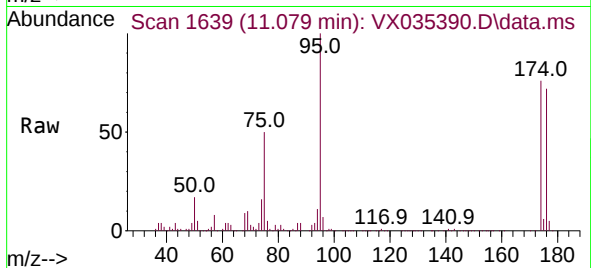
Tgt Ion: 95 Resp: 179576

Ion Ratio Lower Upper

95 100

174 80.0 0.0 147.4

176 77.6 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: VX035390.D

Acq: 28 Apr 2023 14:56

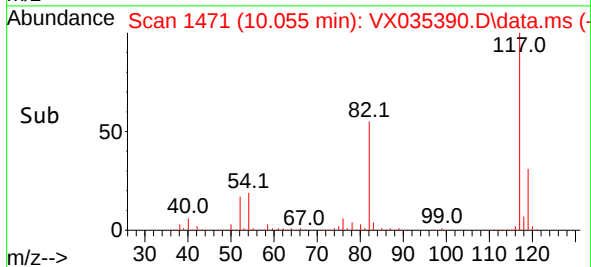
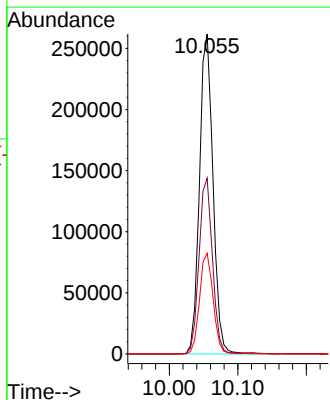
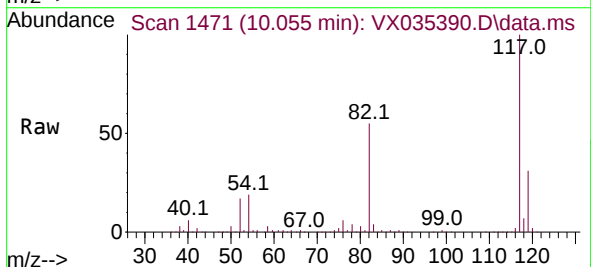
Tgt Ion: 117 Resp: 359635

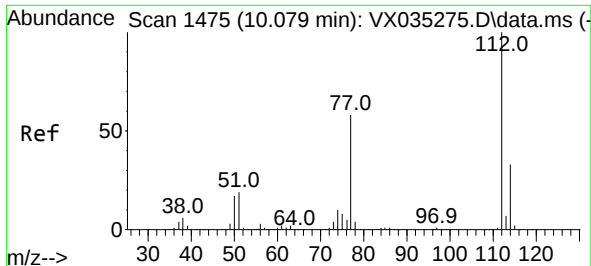
Ion Ratio Lower Upper

117 100

82 54.9 45.0 67.4

119 31.5 26.0 39.0

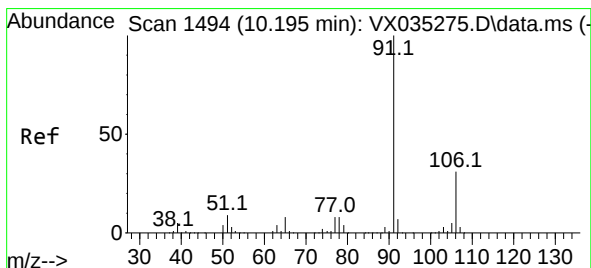
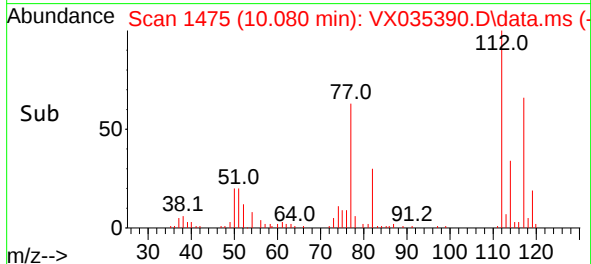
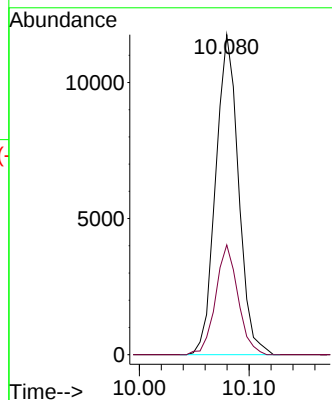
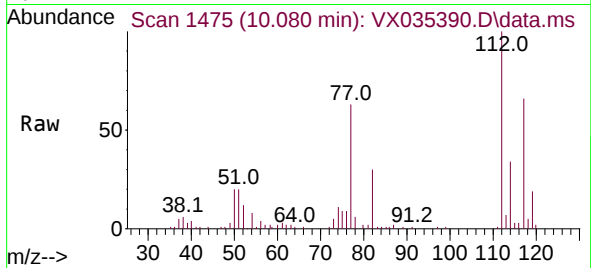




#65
Chlorobenzene
Concen: 2.187 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.001 min
Lab File: VX035390.D
Acq: 28 Apr 2023 14:56

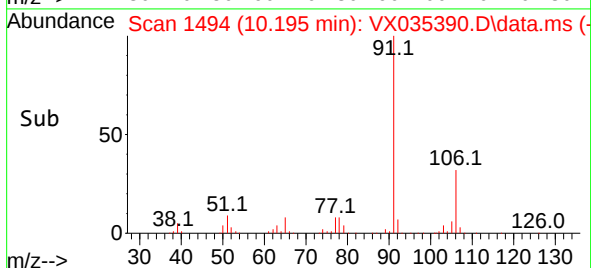
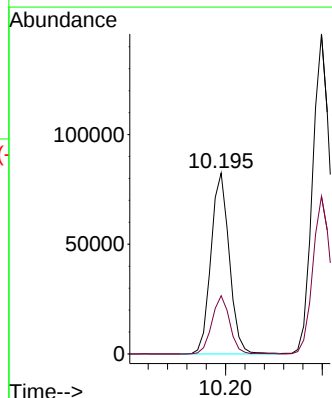
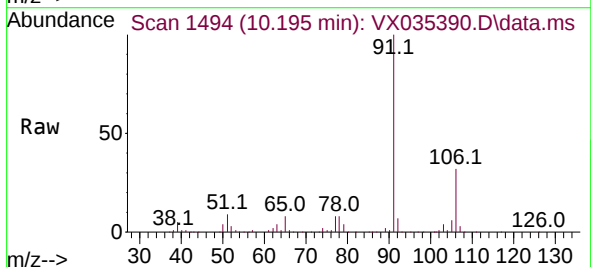
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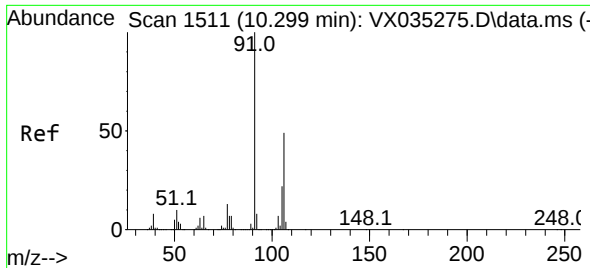
Tgt Ion:112 Resp: 17020
Ion Ratio Lower Upper
112 100
114 34.3 26.2 39.2



#67
Ethyl Benzene
Concen: 8.054 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX035390.D
Acq: 28 Apr 2023 14:56

Tgt Ion: 91 Resp: 108522
Ion Ratio Lower Upper
91 100
106 32.1 25.6 38.4

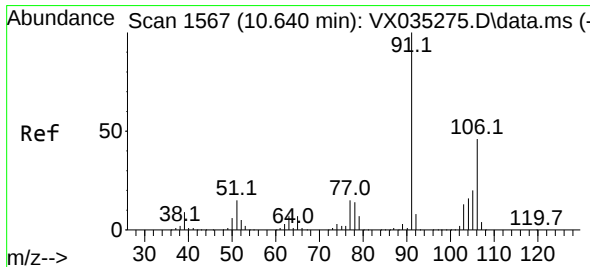
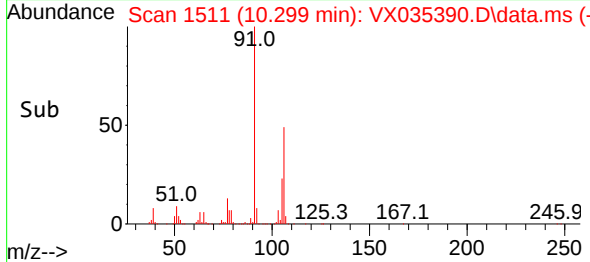
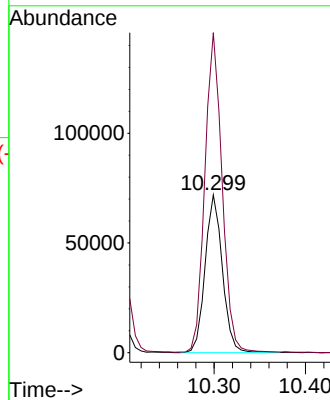
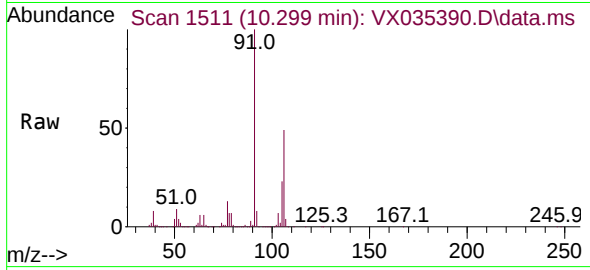




#68
m/p-Xylenes
Concen: 18.277 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX035390.D
Acq: 28 Apr 2023 14:56

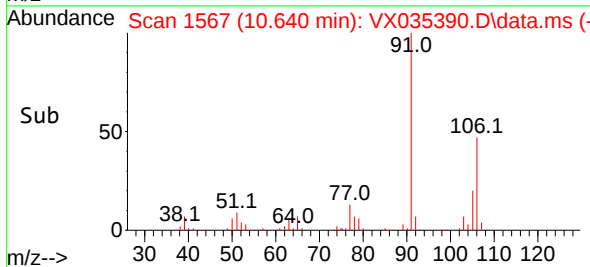
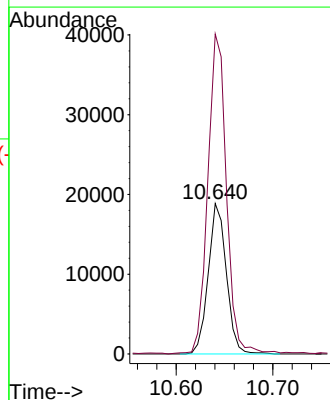
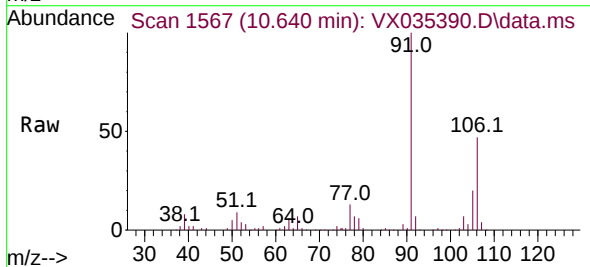
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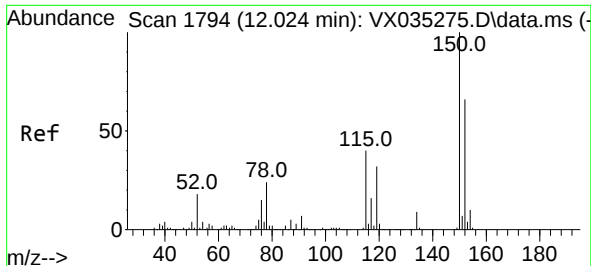
Tgt Ion:106 Resp: 94366
Ion Ratio Lower Upper
106 100
91 201.3 164.0 246.0



#69
o-Xylene
Concen: 4.861 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX035390.D
Acq: 28 Apr 2023 14:56

Tgt Ion:106 Resp: 24613
Ion Ratio Lower Upper
106 100
91 220.0 108.5 325.3

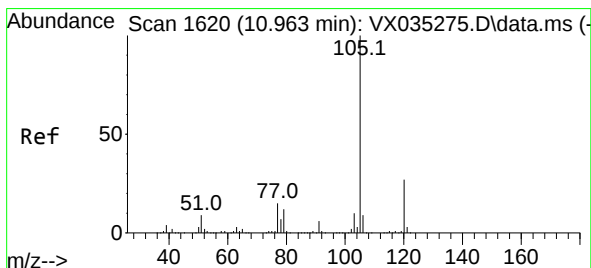
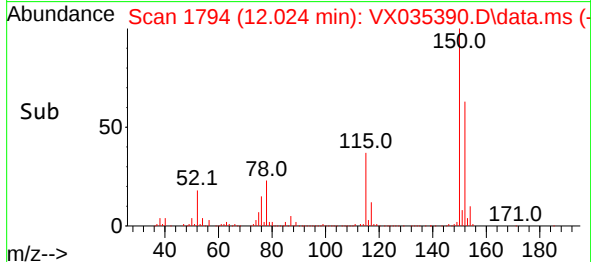
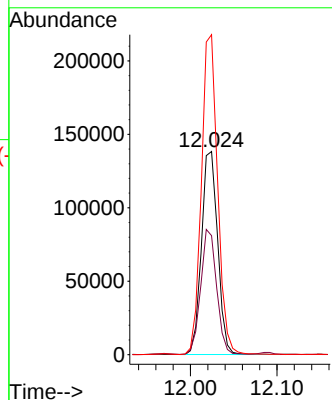
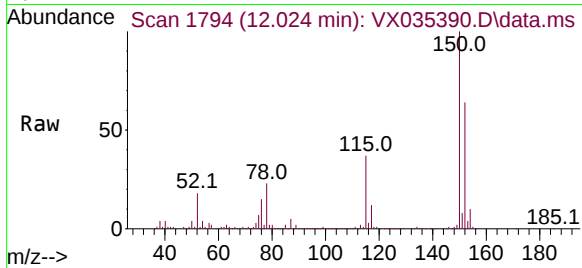




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX035390.D
 Acq: 28 Apr 2023 14:56

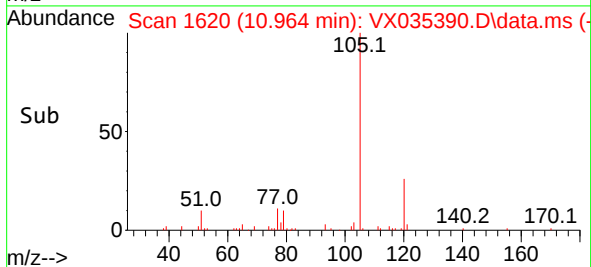
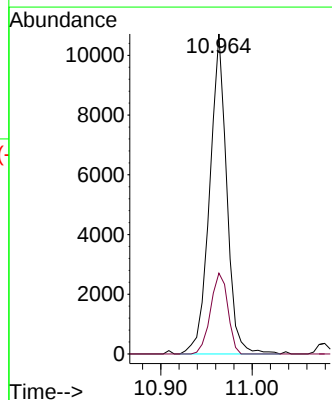
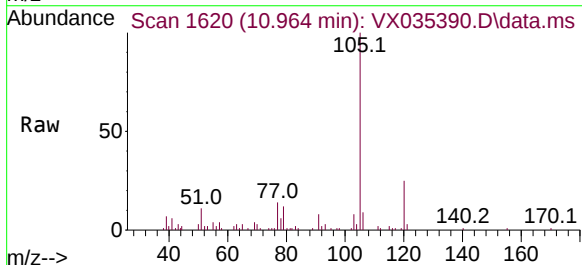
Instrument :
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 SPA-4WC-23-04

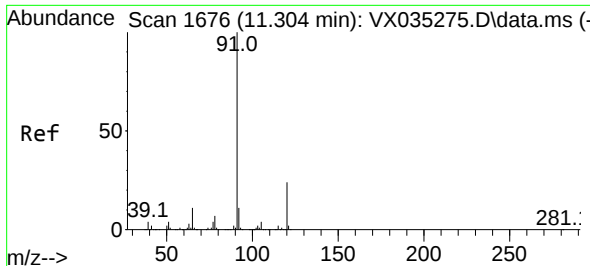
Tgt Ion:152 Resp: 179723
 Ion Ratio Lower Upper
 152 100
 115 60.3 45.0 135.0
 150 157.7 0.0 352.4



#73
 Isopropylbenzene
 Concen: 1.059 ug/l
 RT: 10.964 min Scan# 1620
 Delta R.T. 0.001 min
 Lab File: VX035390.D
 Acq: 28 Apr 2023 14:56

Tgt Ion:105 Resp: 13917
 Ion Ratio Lower Upper
 105 100
 120 25.3 13.3 39.9

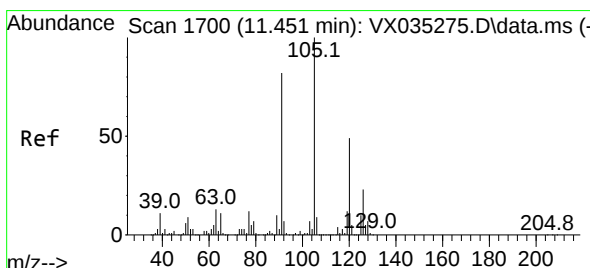
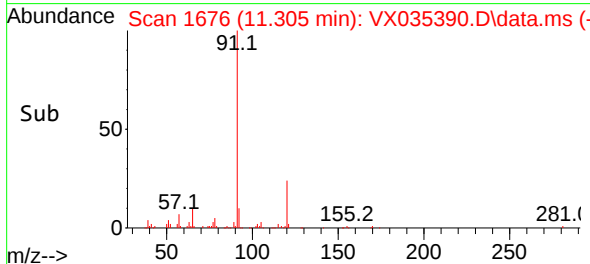
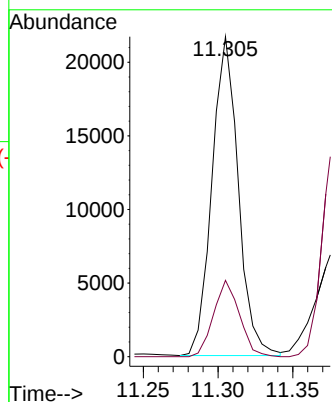
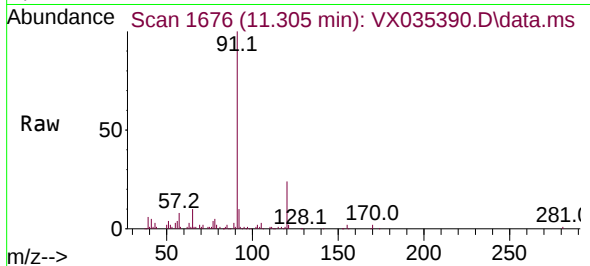




#78
n-propylbenzene
Concen: 1.753 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.001 min
Lab File: VX035390.D
Acq: 28 Apr 2023 14:56

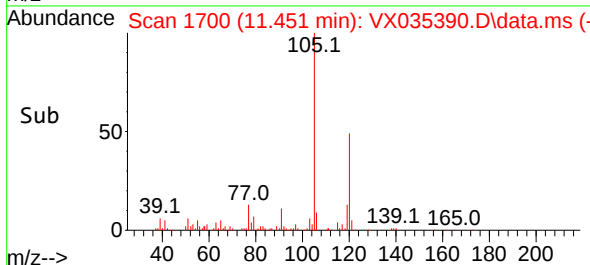
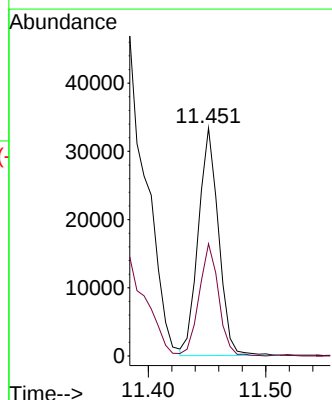
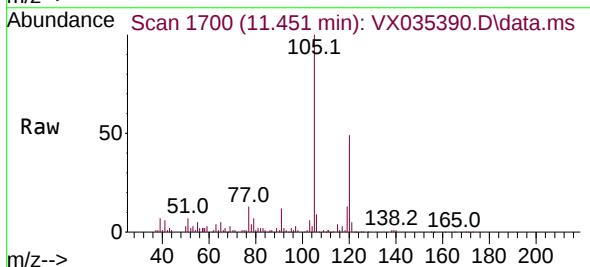
Instrument :
MSVOA_X
ClientSampleId :
SPA-4WC-23-04

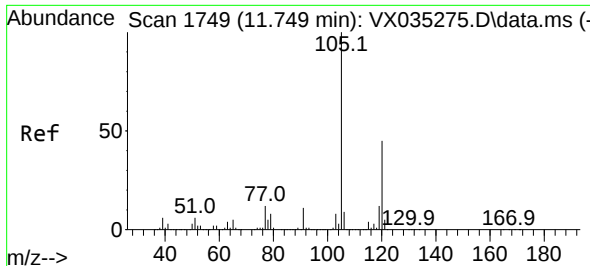
Tgt Ion: 91 Resp: 26457
Ion Ratio Lower Upper
91 100
120 23.6 11.5 34.5



#80
1,3,5-Trimethylbenzene
Concen: 3.610 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035390.D
Acq: 28 Apr 2023 14:56

Tgt Ion: 105 Resp: 39986
Ion Ratio Lower Upper
105 100
120 47.4 23.7 71.1

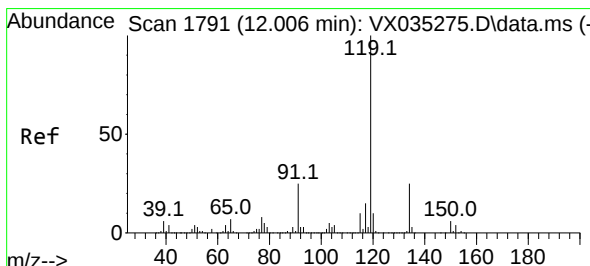
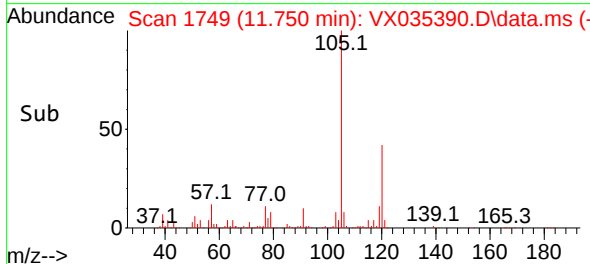
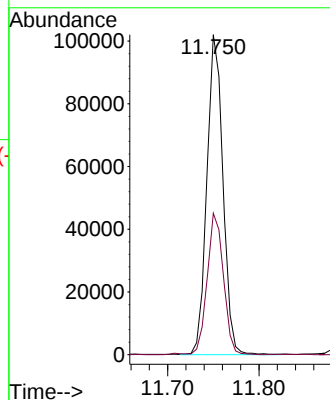
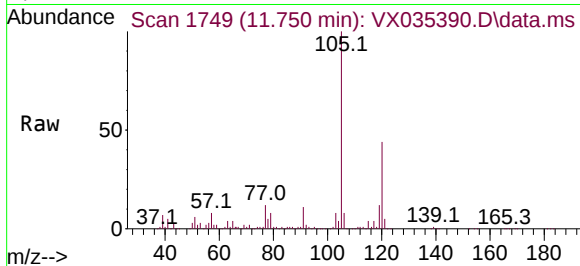




#84
1,2,4-Trimethylbenzene
Concen: 11.165 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.001 min
Lab File: VX035390.D
Acq: 28 Apr 2023 14:56

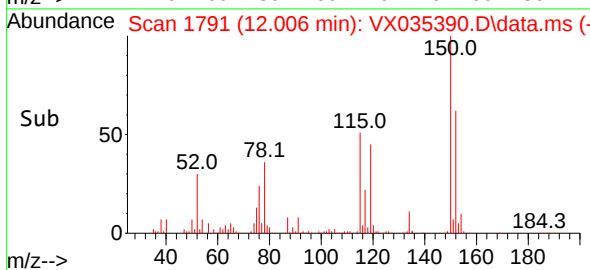
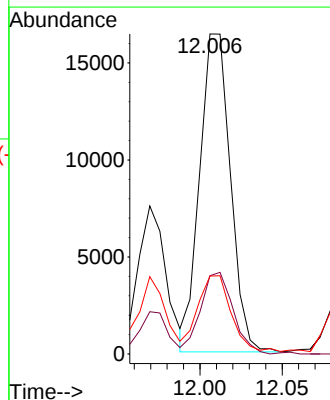
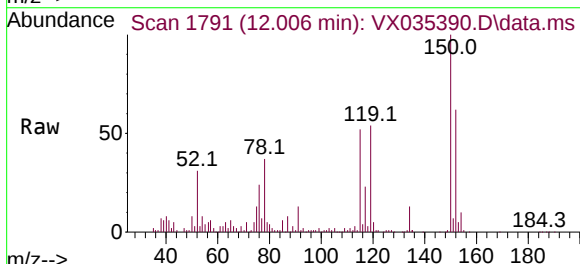
Instrument :
MSVOA_X
ClientSampleId :
SPA-4WC-23-04

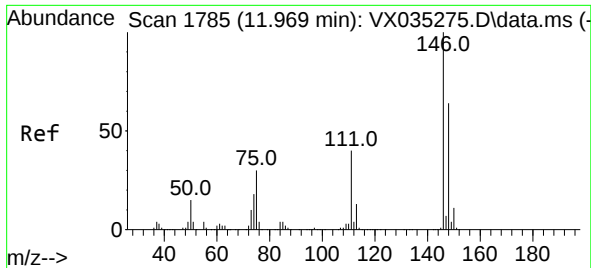
Tgt Ion:105 Resp: 124276
Ion Ratio Lower Upper
105 100
120 44.7 22.4 67.0



#86
p-Isopropyltoluene
Concen: 1.835 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX035390.D
Acq: 28 Apr 2023 14:56

Tgt Ion:119 Resp: 21272
Ion Ratio Lower Upper
119 100
134 27.2 13.2 39.5
91 25.7 12.9 38.7

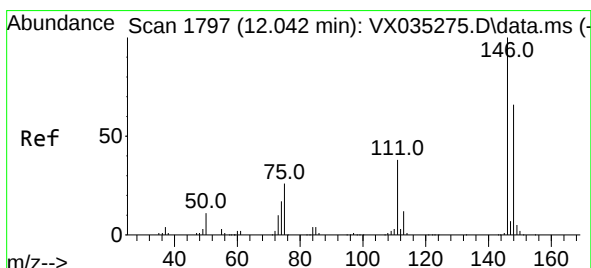
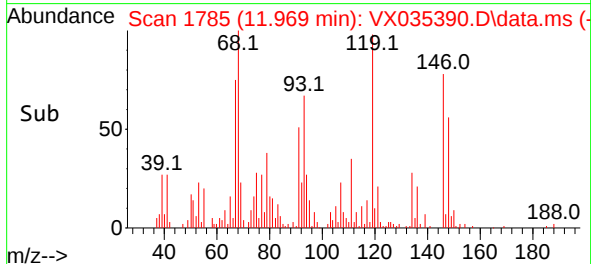
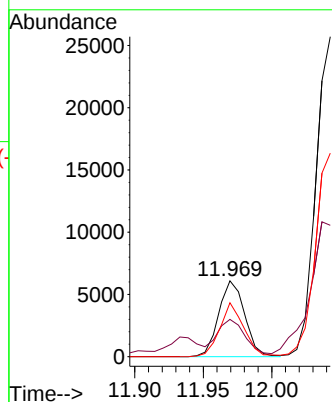
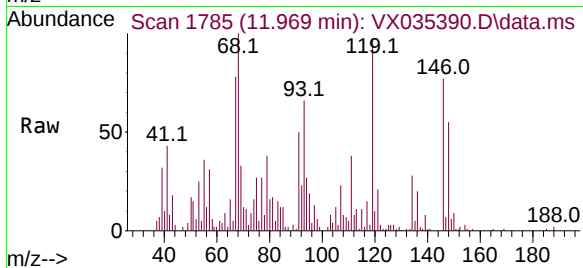




#87
1,3-Dichlorobenzene
Concen: 1.295 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX035390.D
Acq: 28 Apr 2023 14:56

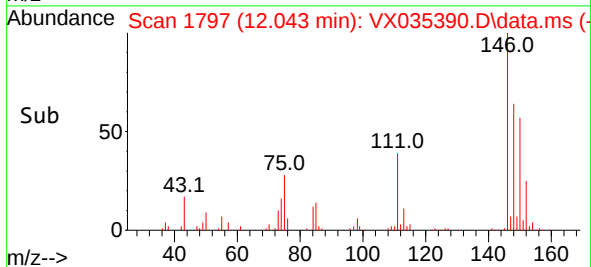
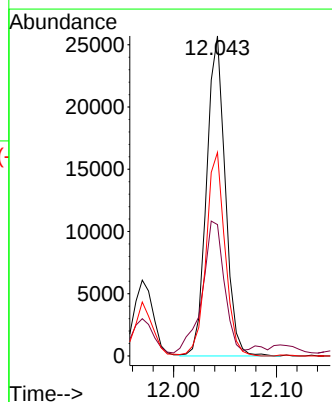
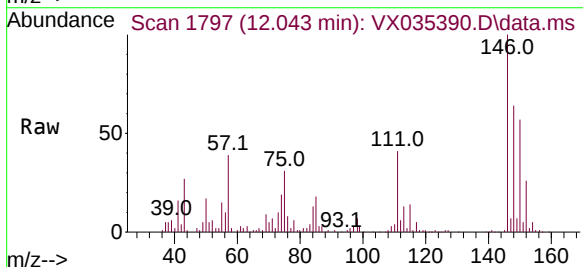
Instrument :
MSVOA_X
ClientSampleId :
SPA-4WC-23-04

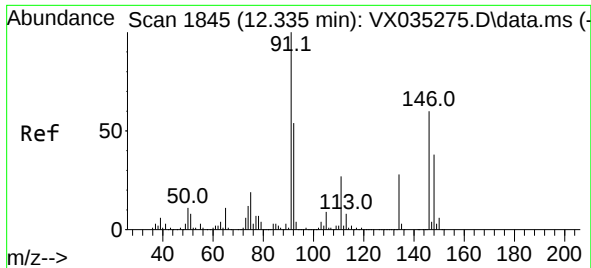
Tgt Ion:146 Resp: 8034
Ion Ratio Lower Upper
146 100
111 45.9 20.9 62.8
148 66.0 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 4.988 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.001 min
Lab File: VX035390.D
Acq: 28 Apr 2023 14:56

Tgt Ion:146 Resp: 32458
Ion Ratio Lower Upper
146 100
111 48.5 20.6 61.9
148 64.5 31.8 95.4

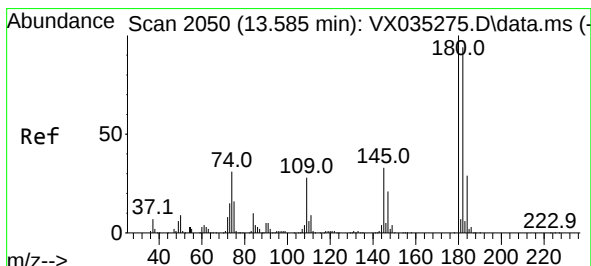
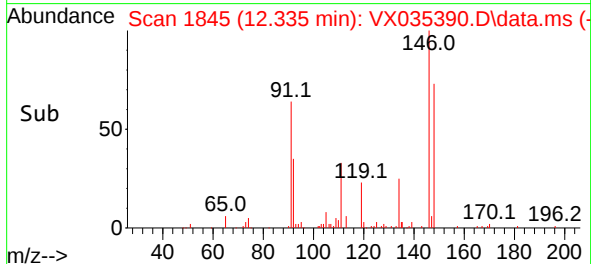
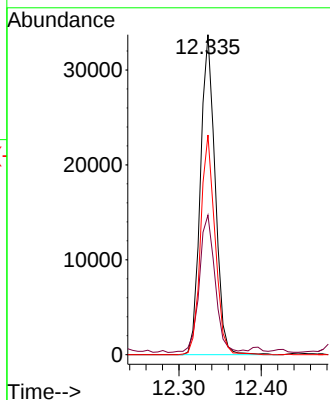
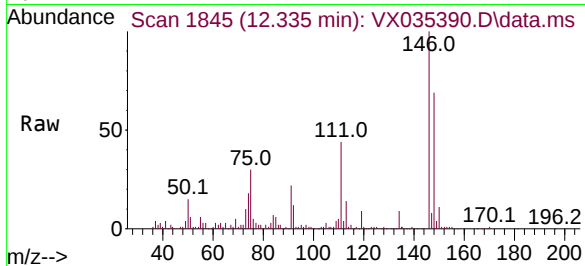




#91
1,2-Dichlorobenzene
Concen: 6.760 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035390.D
Acq: 28 Apr 2023 14:56

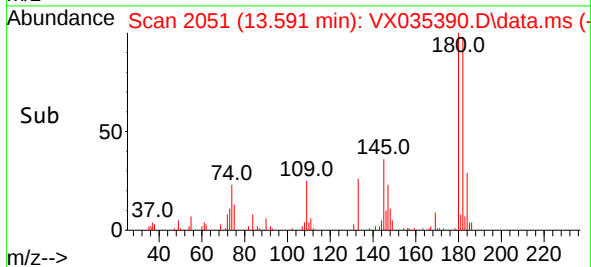
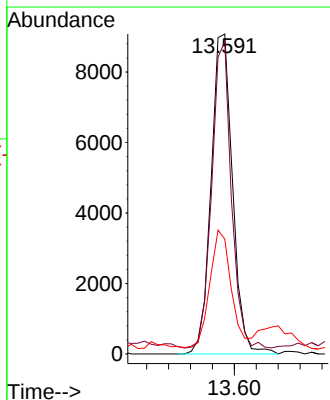
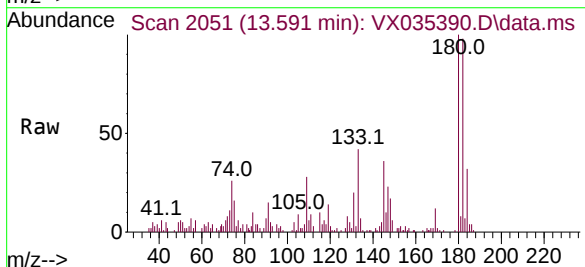
Instrument :
MSVOA_X
ClientSampleId :
SPA-4WC-23-04

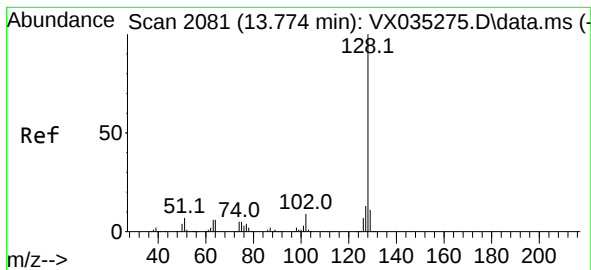
Tgt Ion:146 Resp: 41960
Ion Ratio Lower Upper
146 100
111 45.2 22.0 66.0
148 67.4 32.0 96.0



#93
1,2,4-Trichlorobenzene
Concen: 3.163 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX035390.D
Acq: 28 Apr 2023 14:56

Tgt Ion:180 Resp: 12341
Ion Ratio Lower Upper
180 100
182 88.3 47.0 141.0
145 38.9 15.9 47.7





#95

Naphthalene

Concen: 4.882 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX035390.D

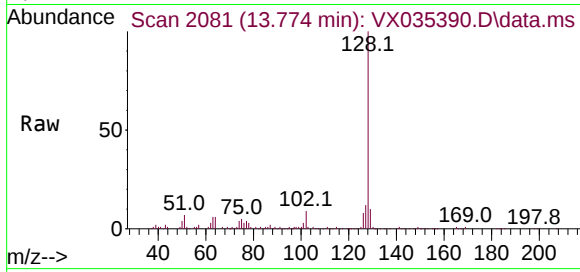
Acq: 28 Apr 2023 14:56

Instrument :

MSVOA_X

ClientSampleId :

SPA-4WC-23-04



Tgt Ion:128 Resp: 58639

Ion Ratio Lower Upper

128 100

127 13.7 10.2 15.4

129 11.4 8.6 13.0

