

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042823\
 Data File : VX035396.D
 Acq On : 28 Apr 2023 17:16
 Operator : JC/MD
 Sample : 02386-10ME 10X
 Misc : 3.43g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPA-3WC-23-04ME

Quant Time: Apr 29 00:41:07 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

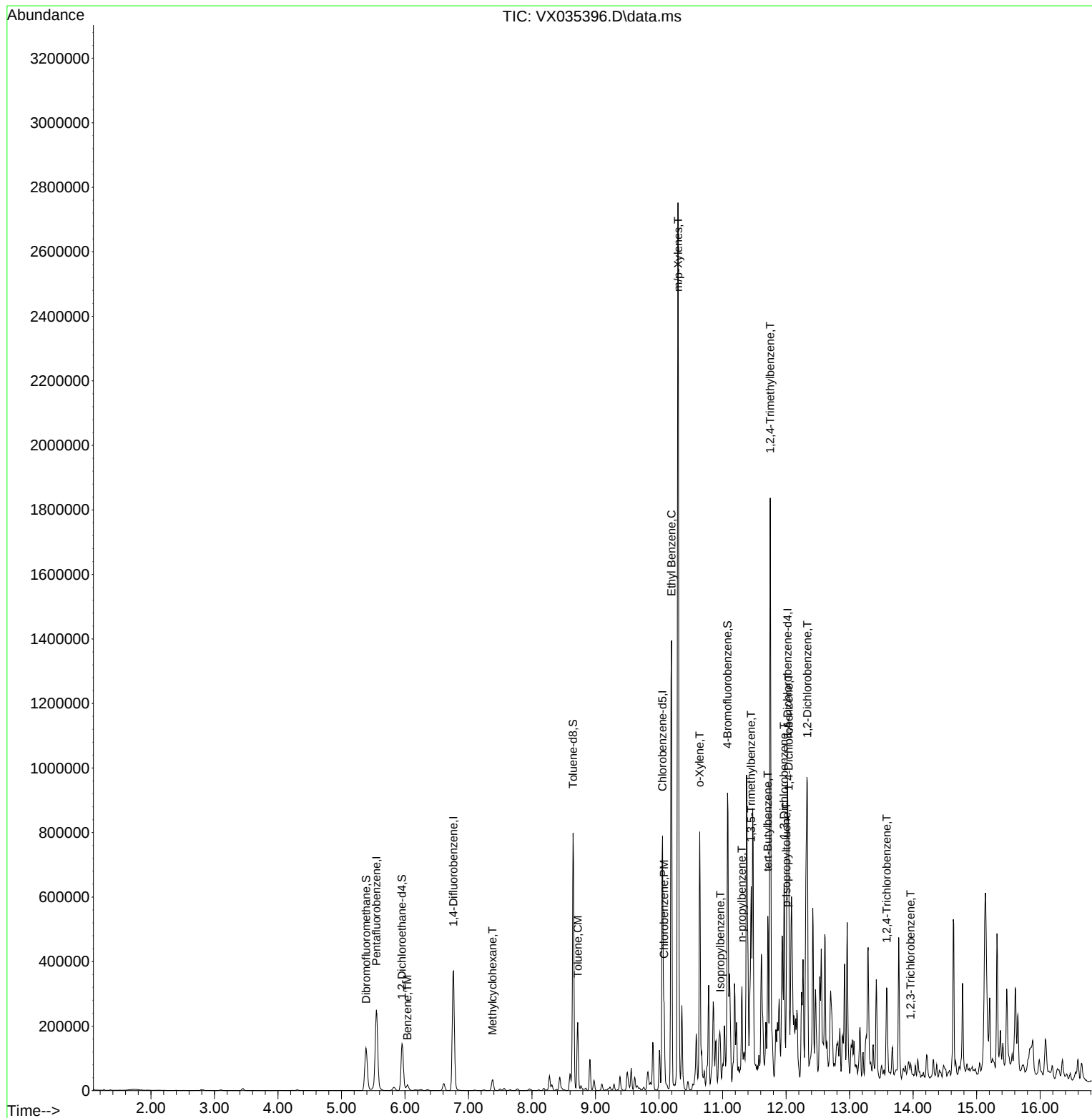
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	243225	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	393947	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	362925	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	167989	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	143242	48.815	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.640%
35) Dibromofluoromethane	5.385	113	117367	48.540	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.080%
50) Toluene-d8	8.647	98	471531	51.696	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	103.400%
62) 4-Bromofluorobenzene	11.079	95	177783	51.813	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.620%
Target Compounds						
					Qvalue	
39) Methylcyclohexane	7.379	83	15836	3.446	ug/l	95
40) Benzene	6.037	78	20258	1.870	ug/l	94
52) Toluene	8.720	92	81932	11.934	ug/l	100
65) Chlorobenzene	10.079	112	114837	14.625	ug/l	100
67) Ethyl Benzene	10.195	91	808818	59.481	ug/l	97
68) m/p-Xylenes	10.299	106	619601	118.915	ug/l	99
69) o-Xylene	10.640	106	162500	31.804	ug/l	98
73) Isopropylbenzene	10.963	105	71020	5.783	ug/l	97
78) n-propylbenzene	11.305	91	162138	11.497	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	227429	21.965	ug/l	97
83) tert-Butylbenzene	11.713	119	20743	1.997	ug/l	90
84) 1,2,4-Trimethylbenzene	11.750	105	691865	66.502	ug/l	98
86) p-Isopropyltoluene	12.006	119	105635	9.746	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	32654	5.629	ug/l	93
88) 1,4-Dichlorobenzene	12.042	146	160215	26.342	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	228664	39.412	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	40246	11.036	ug/l	91
96) 1,2,3-Trichlorobenzene	13.963	180	10070	2.743	ug/l	92

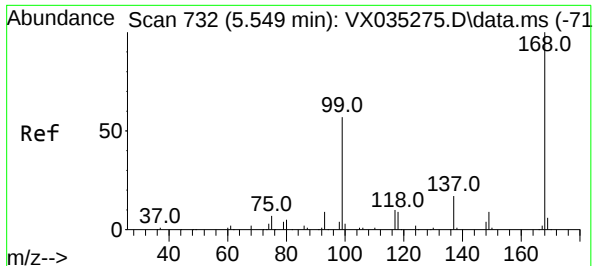
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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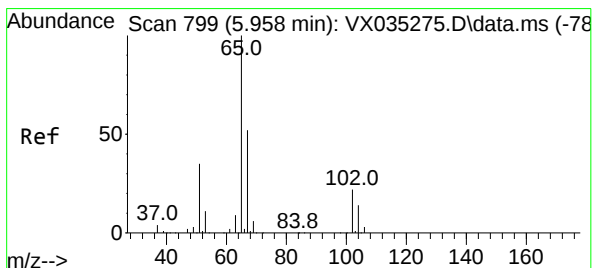
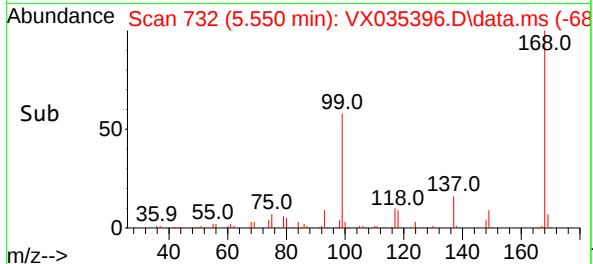
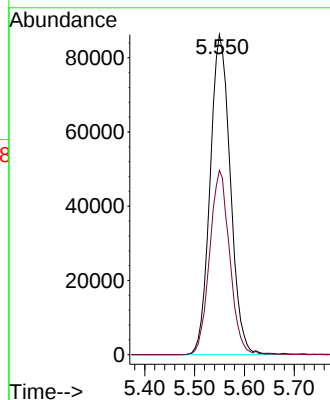
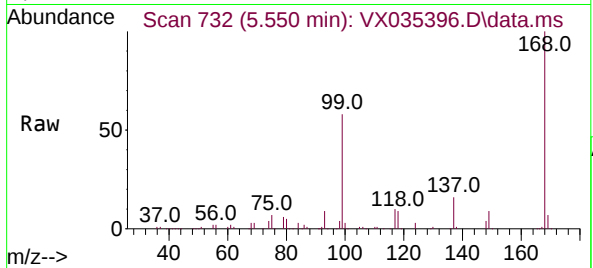




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035396.D
Acq: 28 Apr 2023 17:16

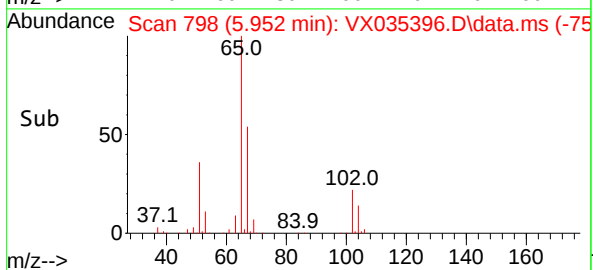
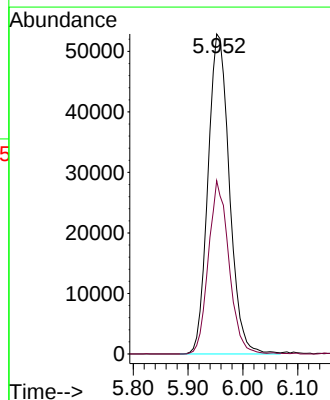
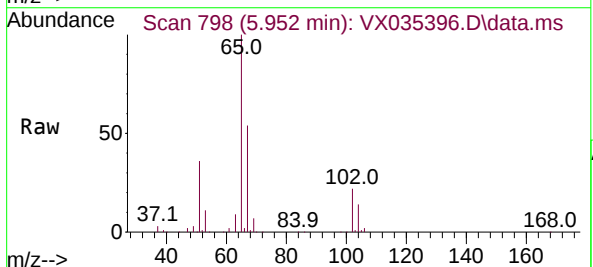
Instrument :
MSVOA_X
ClientSampleId :
SPA-3WC-23-04ME

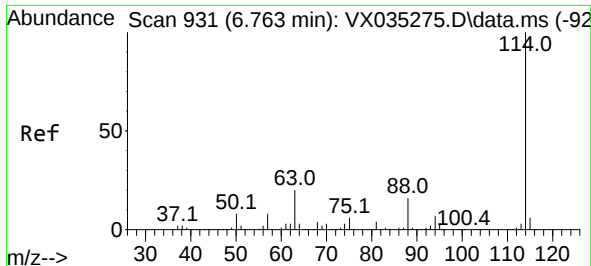
Tgt Ion:168 Resp: 243225
Ion Ratio Lower Upper
168 100
99 57.6 45.7 68.5



#33
1,2-Dichloroethane-d4
Concen: 48.815 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX035396.D
Acq: 28 Apr 2023 17:16

Tgt Ion: 65 Resp: 143242
Ion Ratio Lower Upper
65 100
67 51.8 0.0 104.0

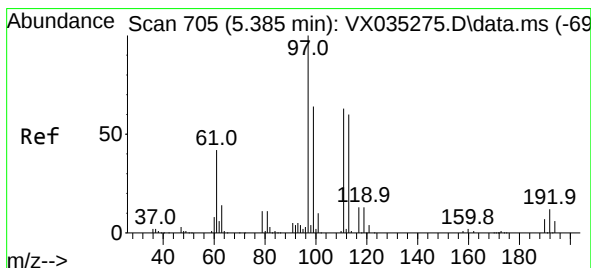
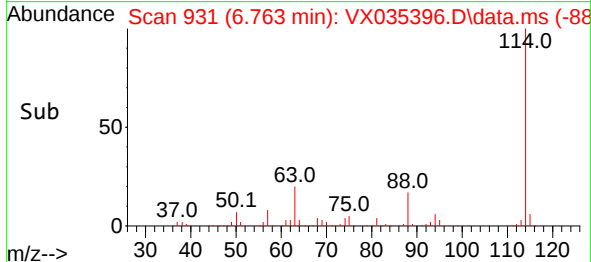
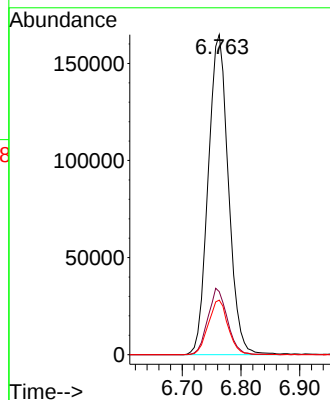
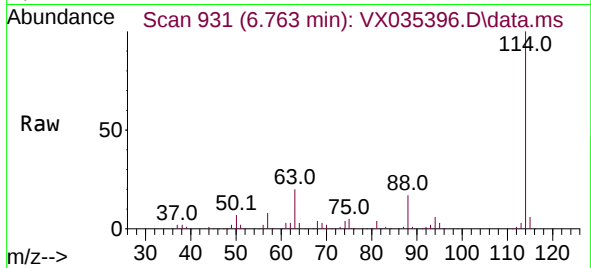




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX035396.D
Acq: 28 Apr 2023 17:16

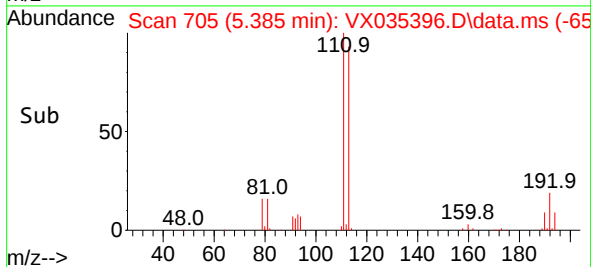
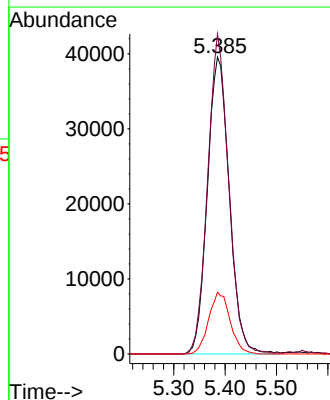
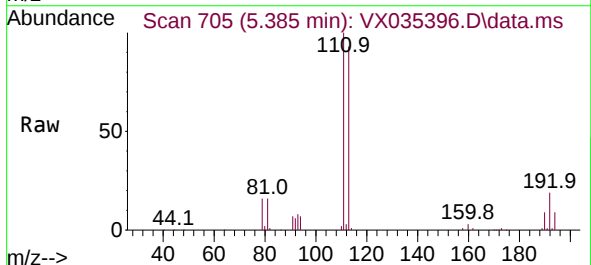
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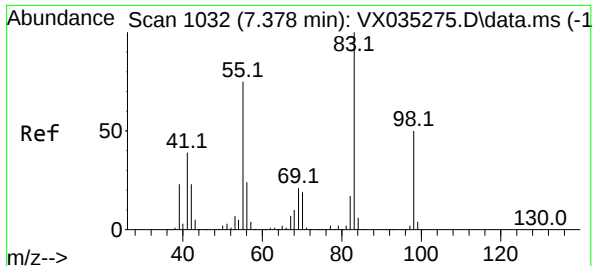
Tgt Ion:114 Resp: 393947
Ion Ratio Lower Upper
114 100
63 19.7 0.0 42.2
88 17.1 0.0 33.2



#35
Dibromofluoromethane
Concen: 48.540 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035396.D
Acq: 28 Apr 2023 17:16

Tgt Ion:113 Resp: 117367
Ion Ratio Lower Upper
113 100
111 103.1 83.7 125.5
192 20.3 15.4 23.2





#39

Methylcyclohexane

Concen: 3.446 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.001 min

Lab File: VX035396.D

Acq: 28 Apr 2023 17:16

Instrument :

MSVOA_X

ClientSampleId :

SPA-3WC-23-04ME

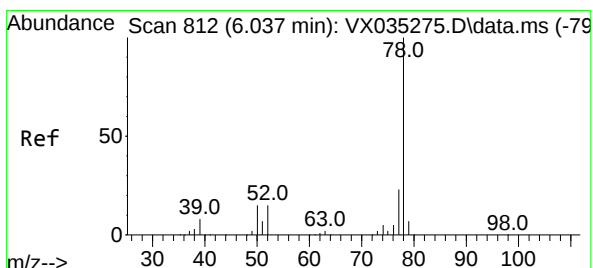
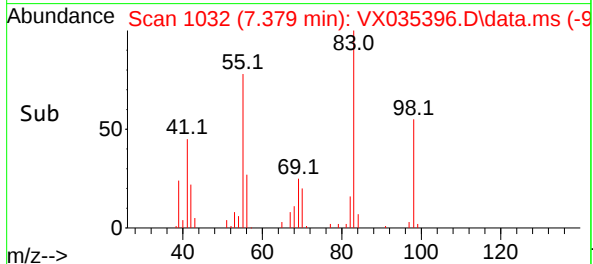
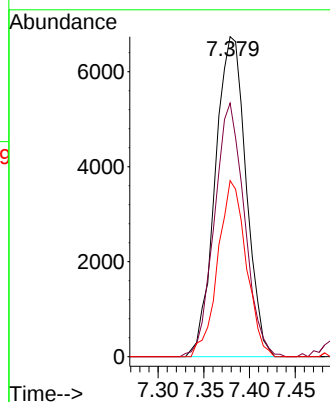
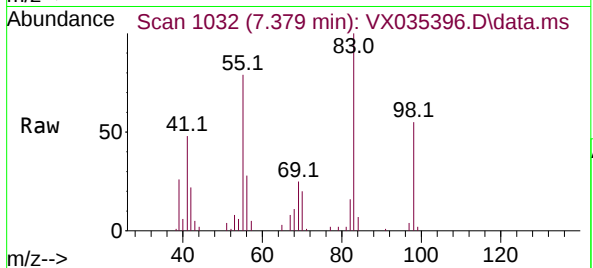
Tgt Ion: 83 Resp: 15836

Ion Ratio Lower Upper

83 100

55 79.2 60.5 90.7

98 55.0 40.4 60.6



#40

Benzene

Concen: 1.870 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX035396.D

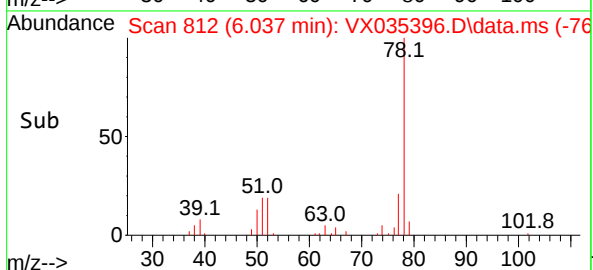
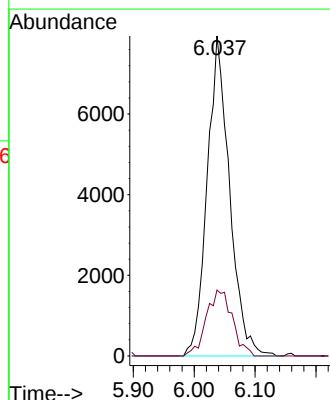
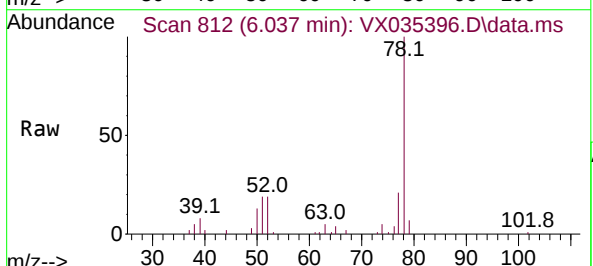
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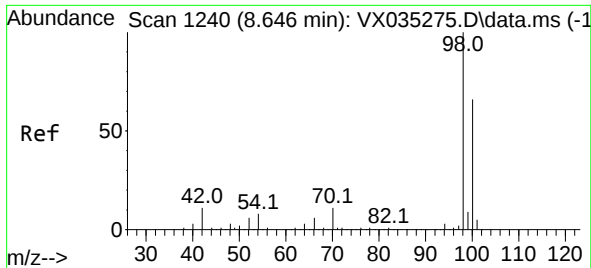
Tgt Ion: 78 Resp: 20258

Ion Ratio Lower Upper

78 100

77 20.6 19.0 28.4

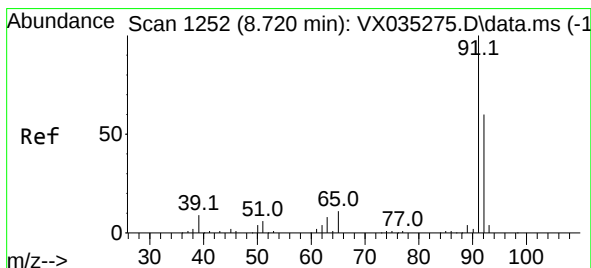
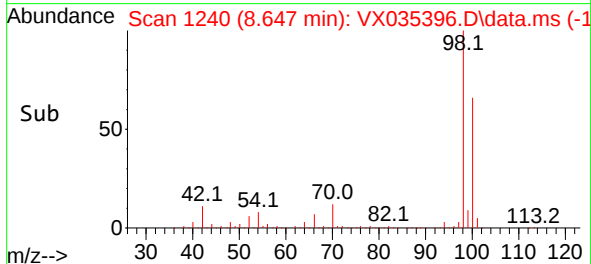
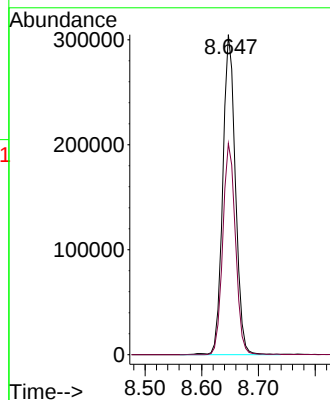
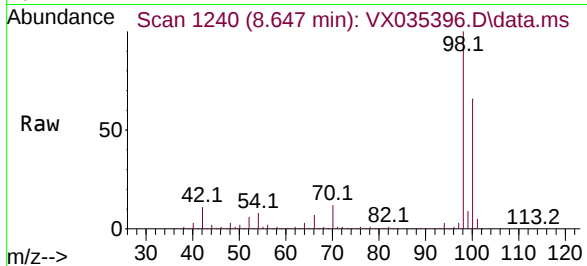




#50
Toluene-d8
Concen: 51.696 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX035396.D
Acq: 28 Apr 2023 17:16

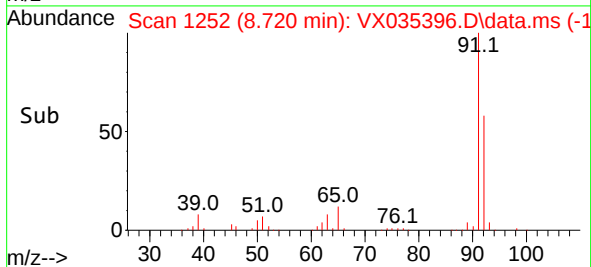
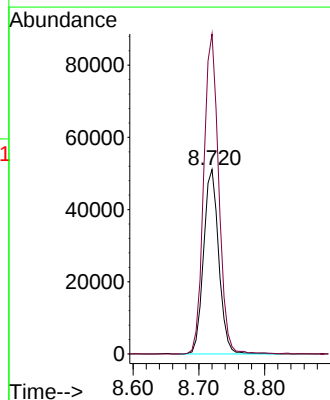
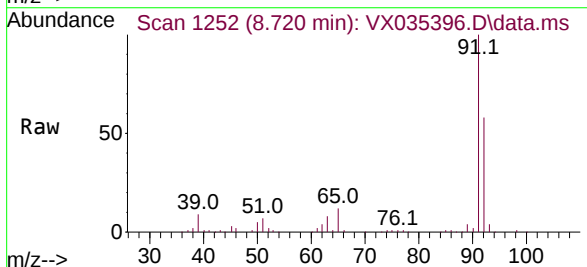
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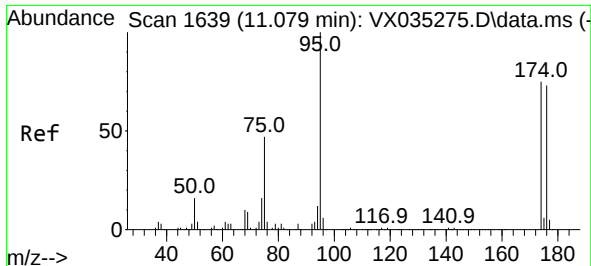
Tgt Ion: 98 Resp: 471531
Ion Ratio Lower Upper
98 100
100 66.2 52.5 78.7



#52
Toluene
Concen: 11.934 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX035396.D
Acq: 28 Apr 2023 17:16

Tgt Ion: 92 Resp: 81932
Ion Ratio Lower Upper
92 100
91 171.6 136.8 205.2

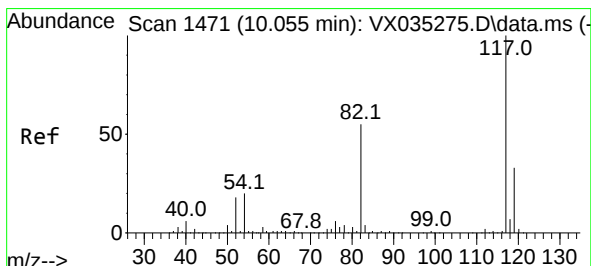
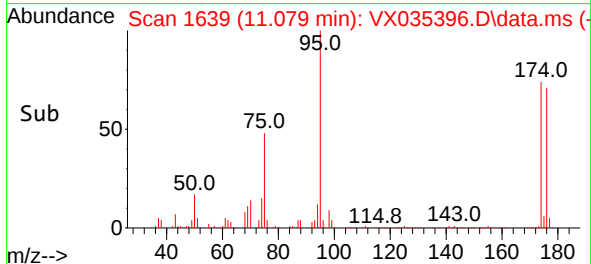
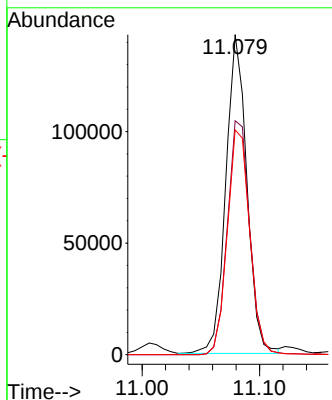
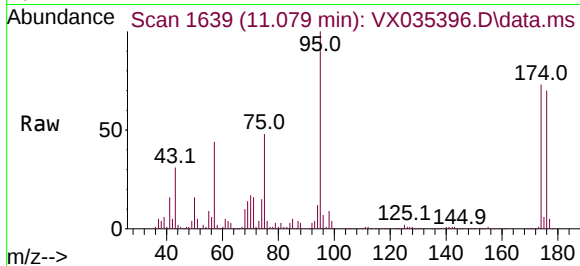




#62
4-Bromofluorobenzene
Concen: 51.813 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035396.D
Acq: 28 Apr 2023 17:16

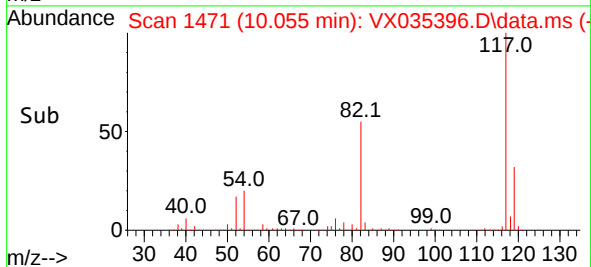
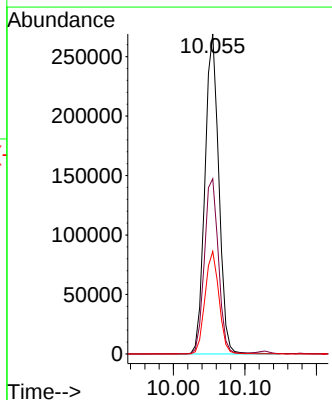
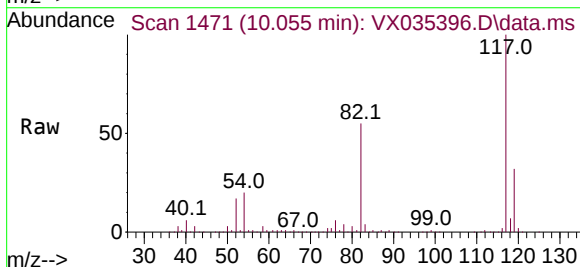
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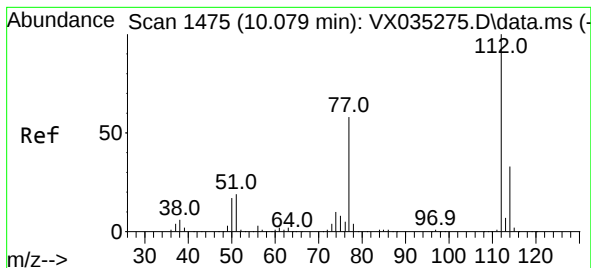
Tgt Ion: 95 Resp: 177783
Ion Ratio Lower Upper
95 100
174 78.3 0.0 147.4
176 75.4 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035396.D
Acq: 28 Apr 2023 17:16

Tgt Ion: 117 Resp: 362925
Ion Ratio Lower Upper
117 100
82 54.6 45.0 67.4
119 32.1 26.0 39.0

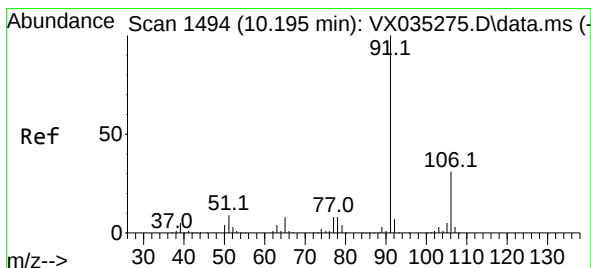
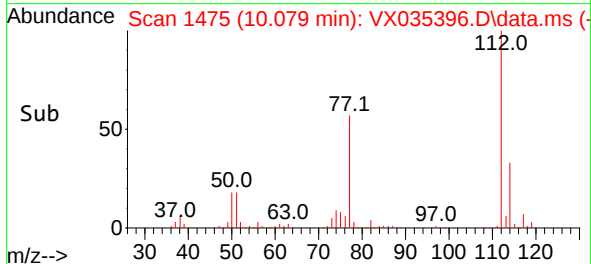
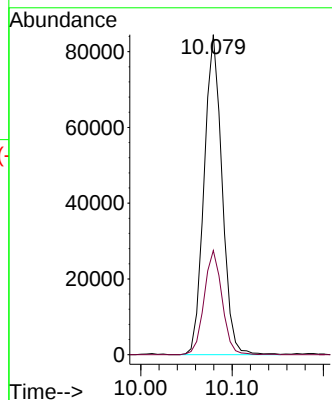
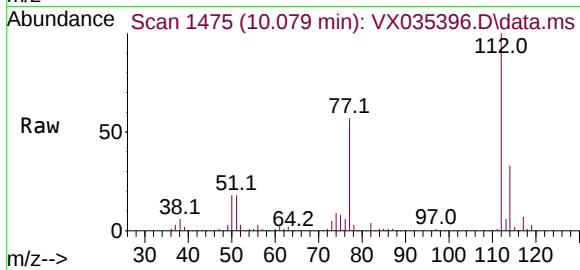




#65
Chlorobenzene
Concen: 14.625 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX035396.D
Acq: 28 Apr 2023 17:16

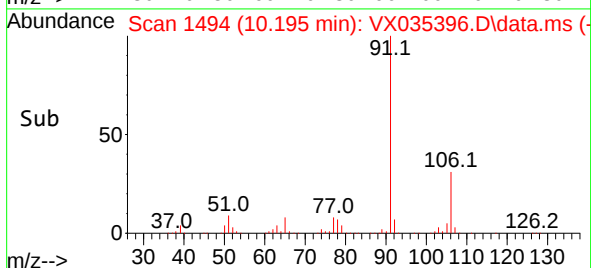
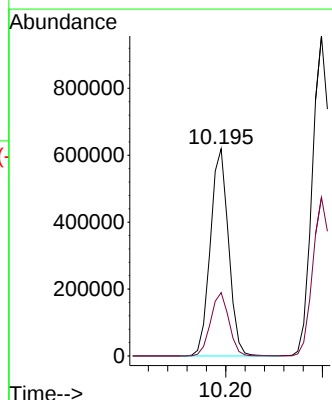
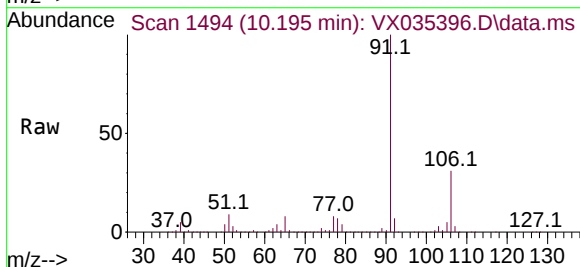
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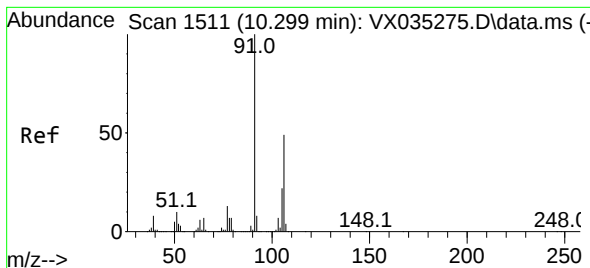
Tgt Ion:112 Resp: 114837
Ion Ratio Lower Upper
112 100
114 32.6 26.2 39.2



#67
Ethyl Benzene
Concen: 59.481 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX035396.D
Acq: 28 Apr 2023 17:16

Tgt Ion: 91 Resp: 808818
Ion Ratio Lower Upper
91 100
106 30.6 25.6 38.4

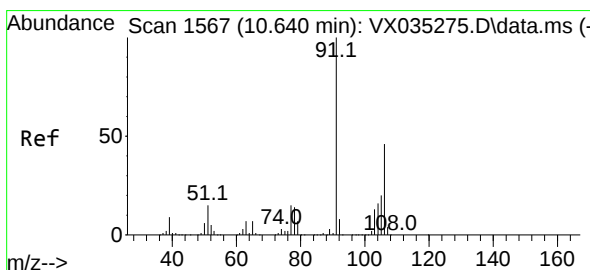
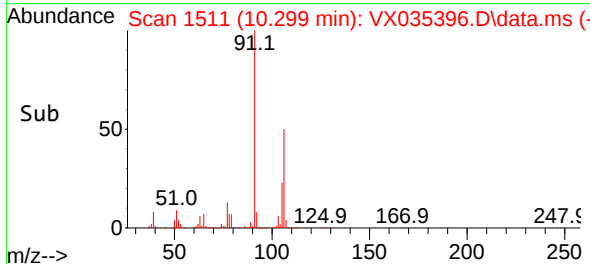
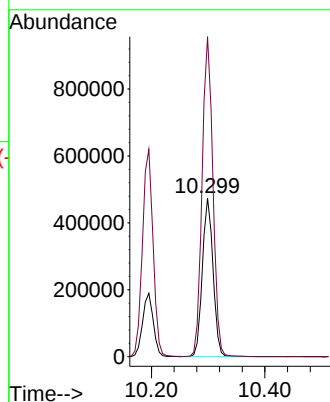
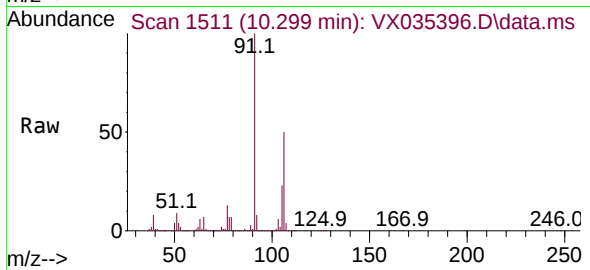




#68
m/p-Xylenes
Concen: 118.915 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX035396.D
Acq: 28 Apr 2023 17:16

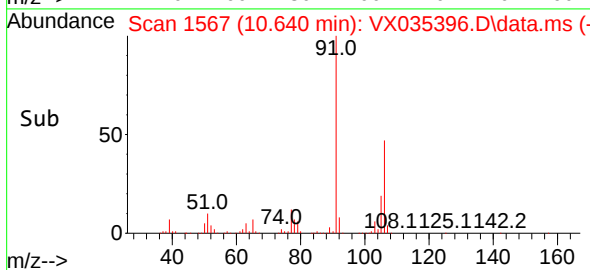
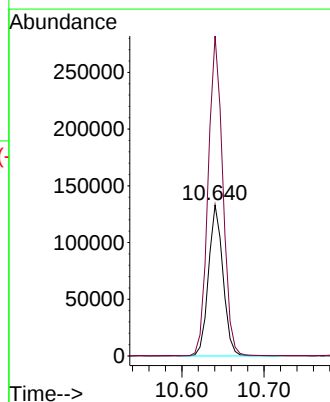
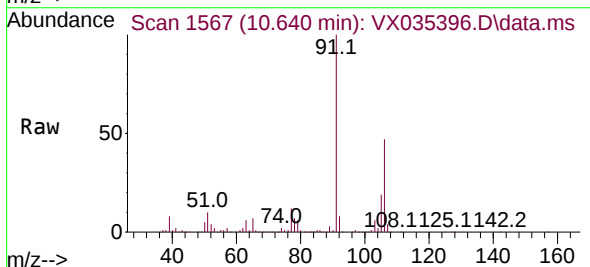
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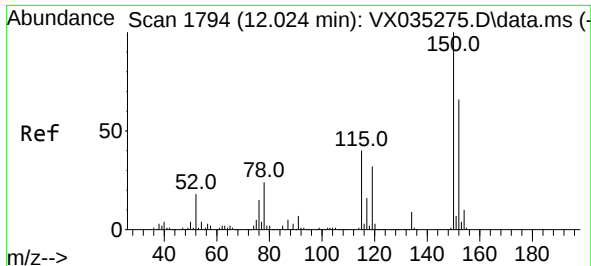
Tgt Ion:106 Resp: 619601
Ion Ratio Lower Upper
106 100
91 203.4 164.0 246.0



#69
o-Xylene
Concen: 31.804 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX035396.D
Acq: 28 Apr 2023 17:16

Tgt Ion:106 Resp: 162500
Ion Ratio Lower Upper
106 100
91 214.1 108.5 325.3

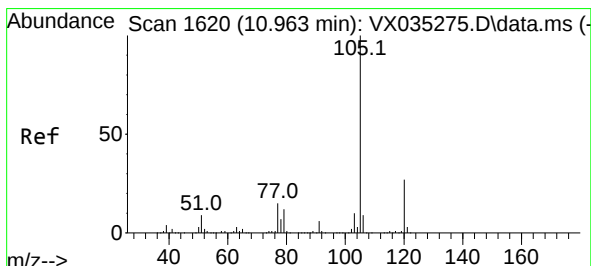
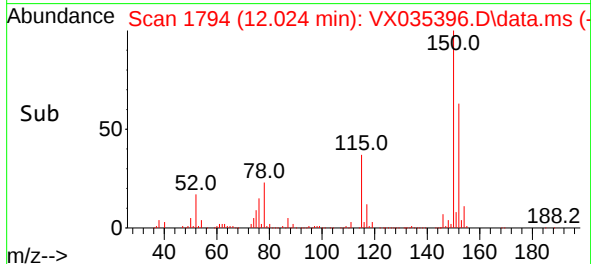
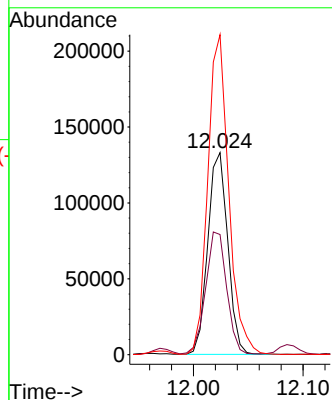
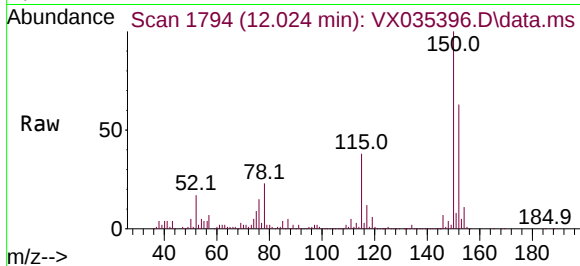




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX035396.D
 Acq: 28 Apr 2023 17:16

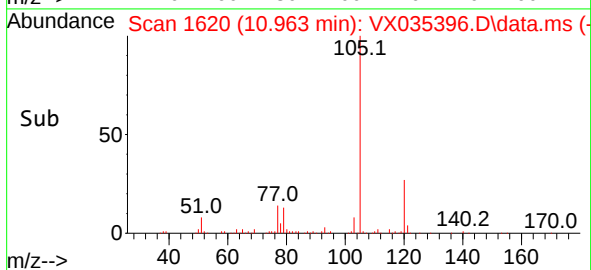
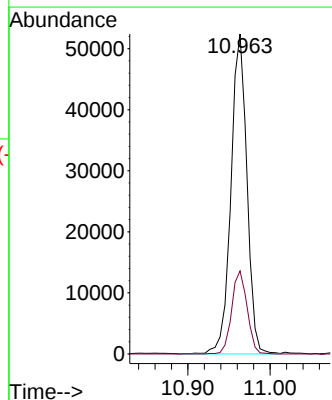
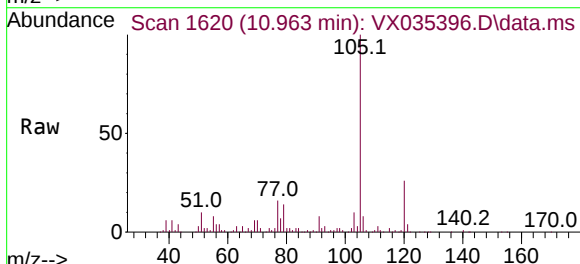
Instrument :
 MSVOA_X
 ClientSampleId :
 SPA-3WC-23-04ME

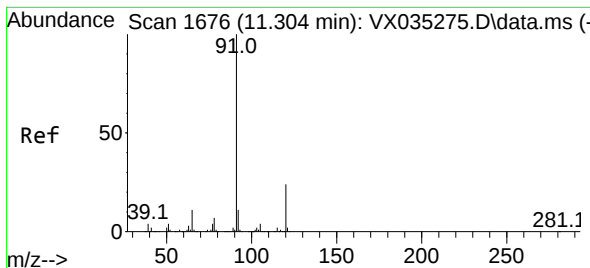
Tgt Ion:152 Resp: 167989
 Ion Ratio Lower Upper
 152 100
 115 64.2 45.0 135.0
 150 165.8 0.0 352.4



#73
 Isopropylbenzene
 Concen: 5.783 ug/l
 RT: 10.963 min Scan# 1620
 Delta R.T. 0.000 min
 Lab File: VX035396.D
 Acq: 28 Apr 2023 17:16

Tgt Ion:105 Resp: 71020
 Ion Ratio Lower Upper
 105 100
 120 24.9 13.3 39.9

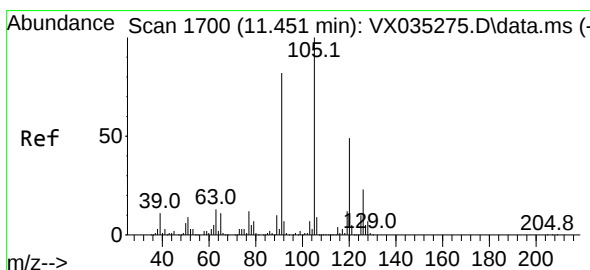
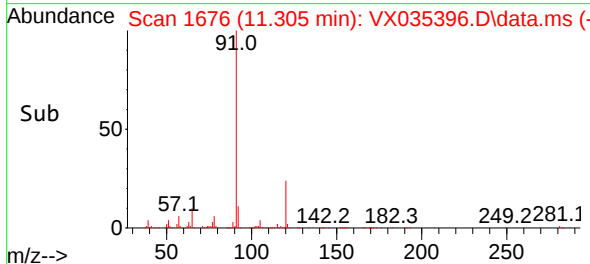
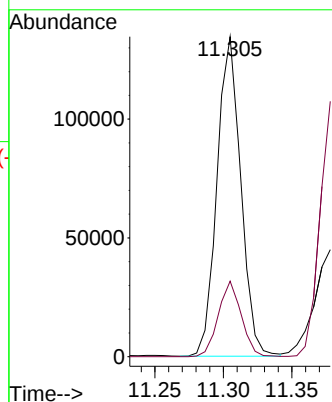
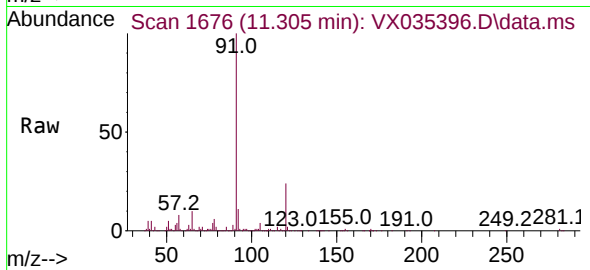




#78
n-propylbenzene
Concen: 11.497 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.001 min
Lab File: VX035396.D
Acq: 28 Apr 2023 17:16

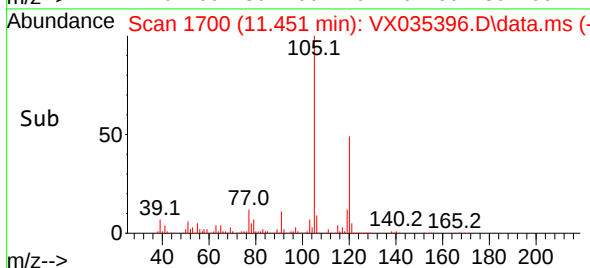
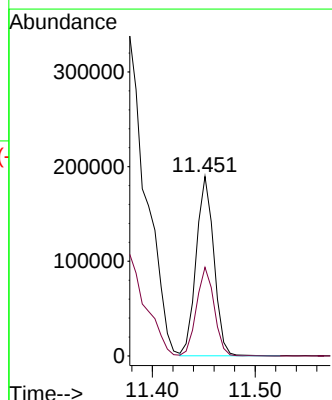
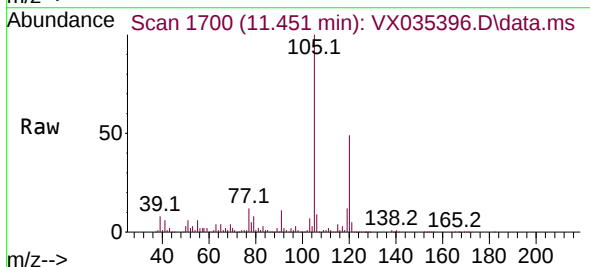
Instrument :
MSVOA_X
ClientSampleId :
SPA-3WC-23-04ME

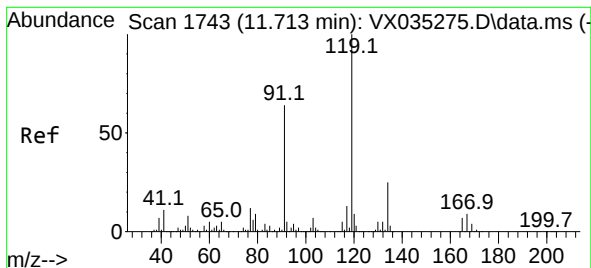
Tgt Ion: 91 Resp: 162138
Ion Ratio Lower Upper
91 100
120 22.9 11.5 34.5



#80
1,3,5-Trimethylbenzene
Concen: 21.965 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035396.D
Acq: 28 Apr 2023 17:16

Tgt Ion: 105 Resp: 227429
Ion Ratio Lower Upper
105 100
120 49.3 23.7 71.1





#83

tert-Butylbenzene

Concen: 1.997 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX035396.D

Acq: 28 Apr 2023 17:16

Instrument :

MSVOA_X

ClientSampleId :

SPA-3WC-23-04ME

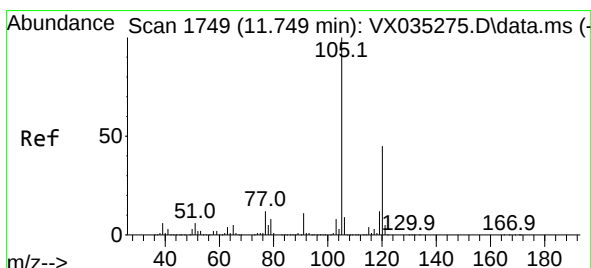
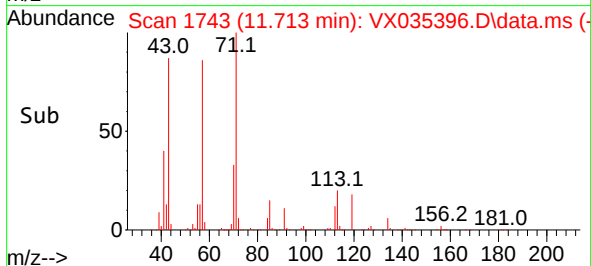
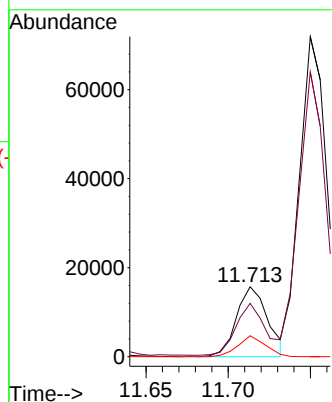
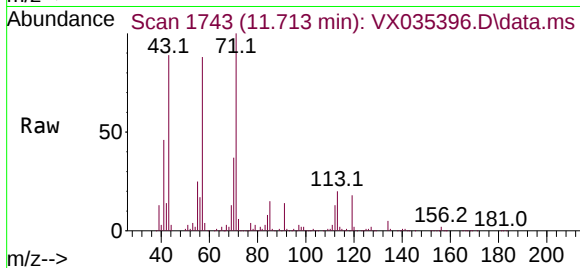
Tgt Ion:119 Resp: 20743

Ion Ratio Lower Upper

119 100

91 70.5 30.6 92.0

134 26.3 11.8 35.4



#84

1,2,4-Trimethylbenzene

Concen: 66.502 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.001 min

Lab File: VX035396.D

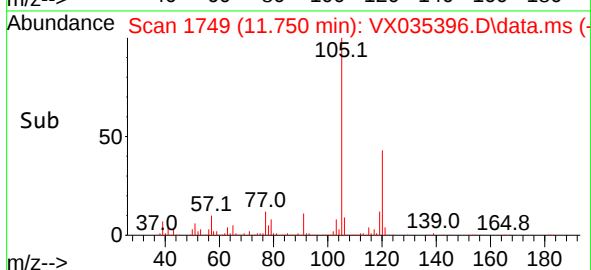
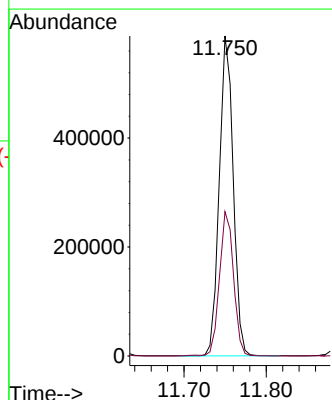
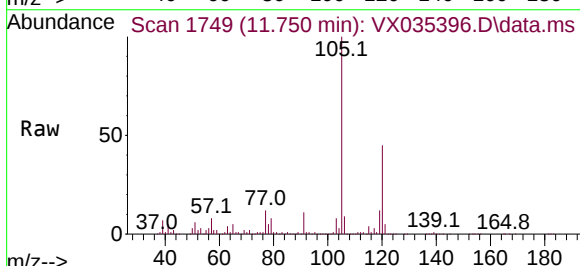
Acq: 28 Apr 2023 17:16

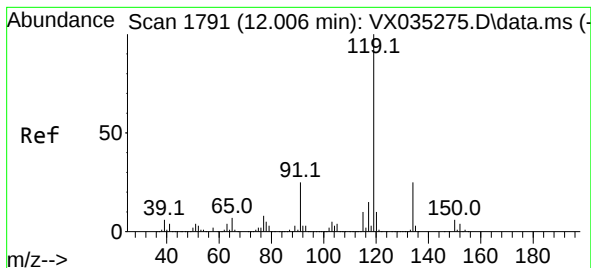
Tgt Ion:105 Resp: 691865

Ion Ratio Lower Upper

105 100

120 45.8 22.4 67.0





#86

p-Isopropyltoluene

Concen: 9.746 ug/l

RT: 12.006 min Scan# 119

Delta R.T. -0.000 min

Lab File: VX035396.D

Acq: 28 Apr 2023 17:16

Instrument :

MSVOA_X

ClientSampleId :

SPA-3WC-23-04ME

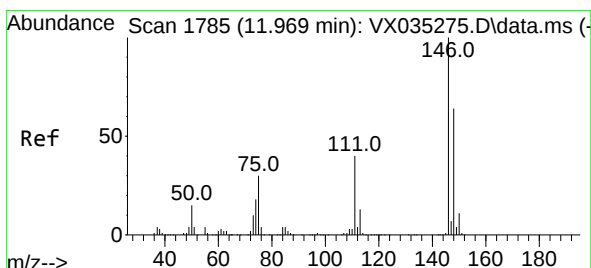
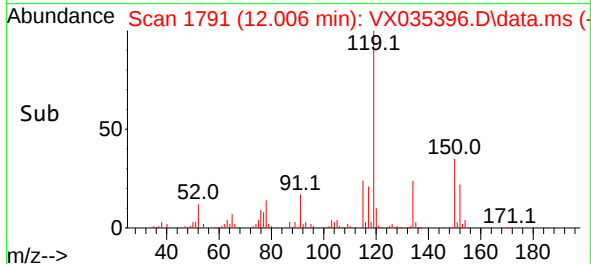
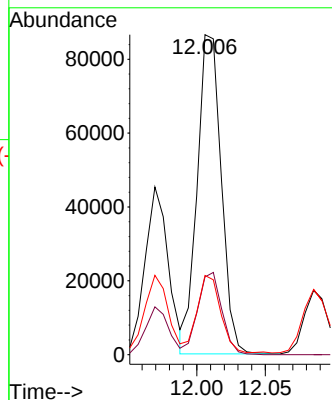
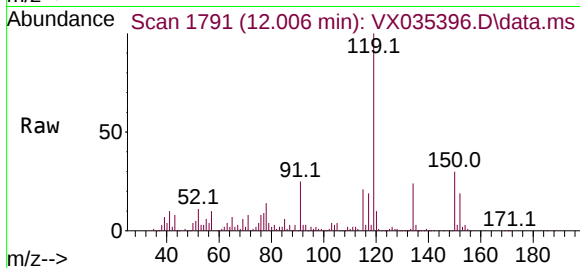
Tgt Ion:119 Resp: 105635

Ion Ratio Lower Upper

119 100

134 25.9 13.2 39.5

91 23.5 12.9 38.7



#87

1,3-Dichlorobenzene

Concen: 5.629 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX035396.D

Acq: 28 Apr 2023 17:16

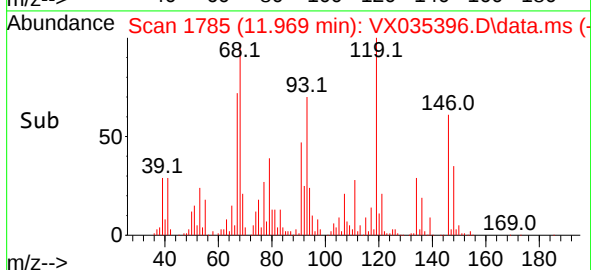
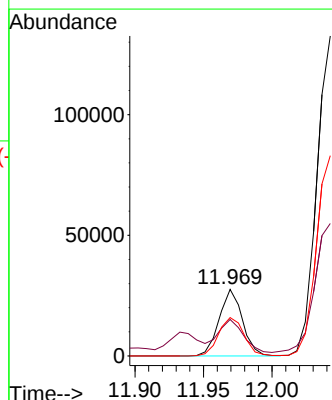
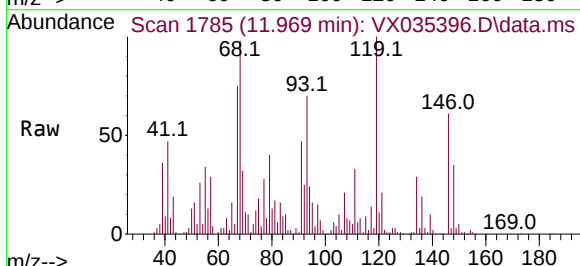
Tgt Ion:146 Resp: 32654

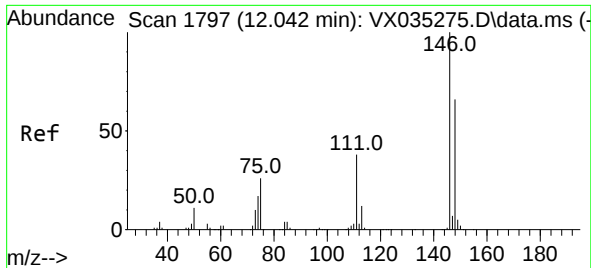
Ion Ratio Lower Upper

146 100

111 52.5 20.9 62.8

148 63.0 31.6 95.0

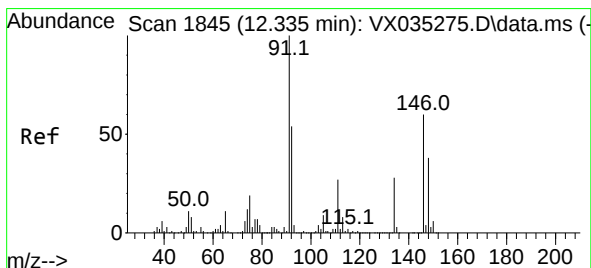
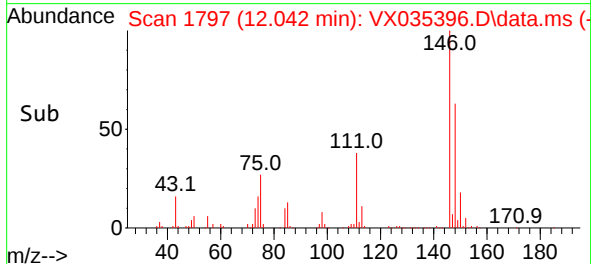
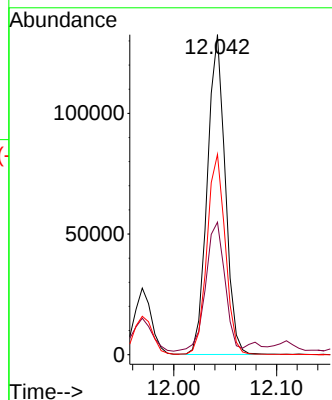
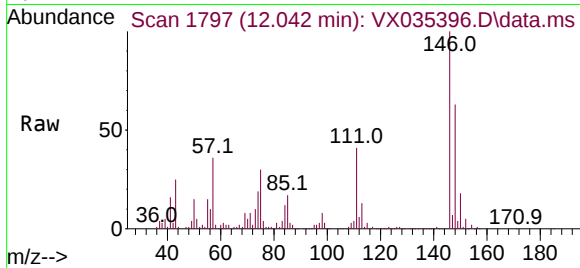




#88
 1,4-Dichlorobenzene
 Concen: 26.342 ug/l
 RT: 12.042 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX035396.D
 Acq: 28 Apr 2023 17:16

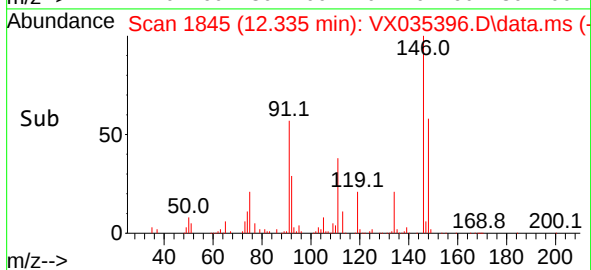
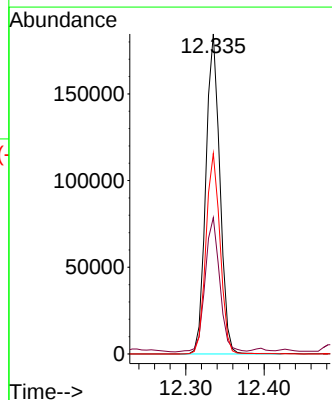
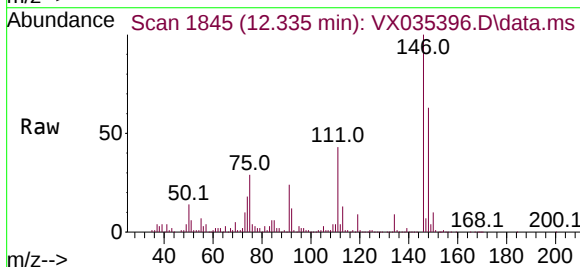
Instrument :
 MSVOA_X
 ClientSampleId :
 SPA-3WC-23-04ME

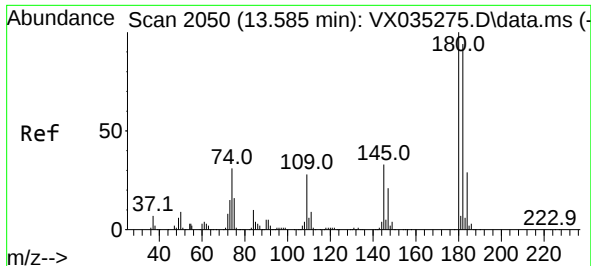
Tgt Ion:146 Resp: 160215
 Ion Ratio Lower Upper
 146 100
 111 43.3 20.6 61.9
 148 64.1 31.8 95.4



#91
 1,2-Dichlorobenzene
 Concen: 39.412 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: VX035396.D
 Acq: 28 Apr 2023 17:16

Tgt Ion:146 Resp: 228664
 Ion Ratio Lower Upper
 146 100
 111 43.8 22.0 66.0
 148 63.4 32.0 96.0

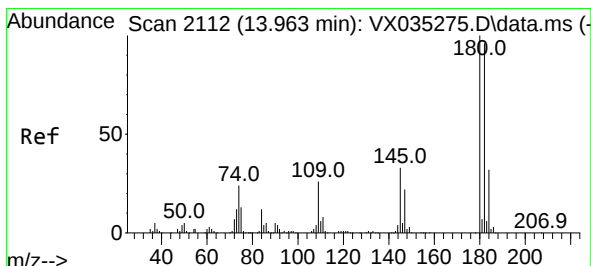
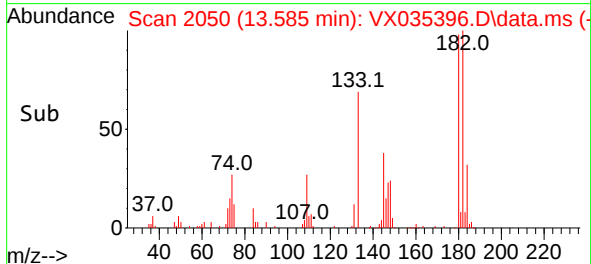
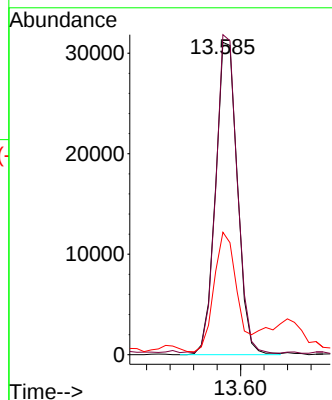
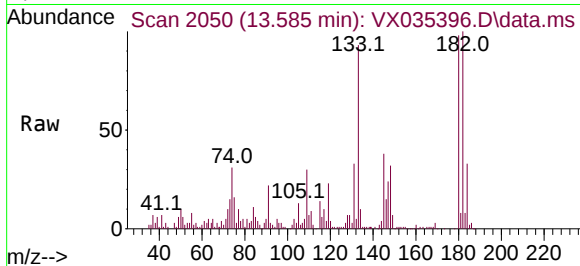




#93
1,2,4-Trichlorobenzene
Concen: 11.036 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX035396.D
Acq: 28 Apr 2023 17:16

Instrument :
MSVOA_X
ClientSampleId :
SPA-3WC-23-04ME

Tgt Ion:180 Resp: 40246
Ion Ratio Lower Upper
180 100
182 99.5 47.0 141.0
145 41.3 15.9 47.7



#96
1,2,3-Trichlorobenzene
Concen: 2.743 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX035396.D
Acq: 28 Apr 2023 17:16

Tgt Ion:180 Resp: 10070
Ion Ratio Lower Upper
180 100
182 99.1 48.0 144.2
145 47.3 17.7 53.1

