

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032923\
 Data File : VX034836.D
 Acq On : 29 Mar 2023 18:18
 Operator : JC/MD
 Sample : 02084-03DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6ADL

Quant Time: Mar 30 06:33:49 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)

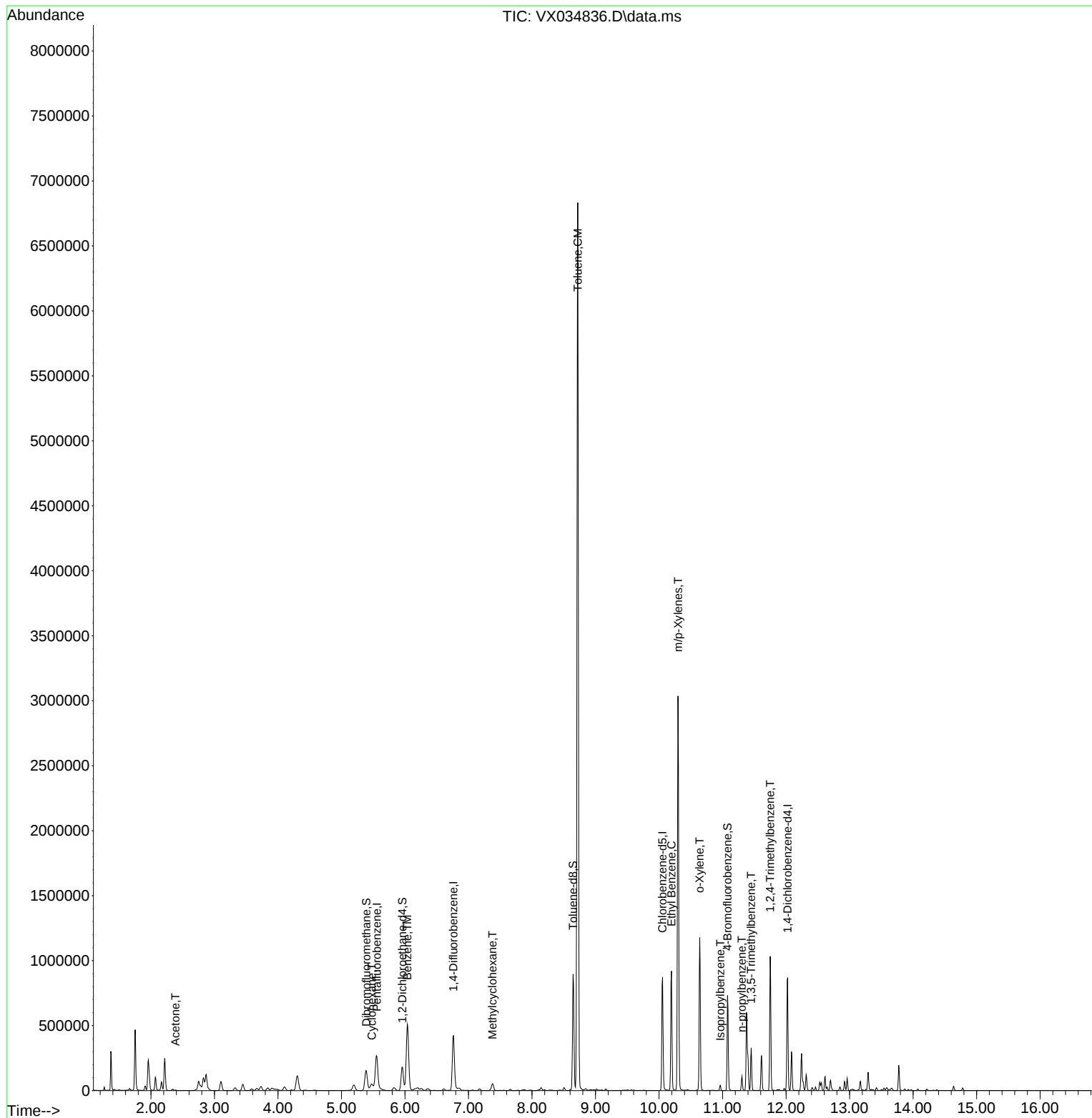
Internal Standards						
1) Pentafluorobenzene	5.556	168	247217	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	423017	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	373583	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	172625	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	174378	46.122	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.240%
35) Dibromofluoromethane	5.391	113	131056	46.841	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.680%
50) Toluene-d8	8.647	98	512108	49.588	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.180%
62) 4-Bromofluorobenzene	11.079	95	189439	47.402	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.800%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	4557	2.967	ug/l	96
31) Cyclohexane	5.477	56	35339	7.676	ug/l	95
39) Methylcyclohexane	7.379	83	21590	4.905	ug/l	88
40) Benzene	6.037	78	594639	49.973	ug/l	100
52) Toluene	8.720	92	2470750	318.457	ug/l	97
67) Ethyl Benzene	10.195	91	515935	36.641	ug/l	98
68) m/p-Xylenes	10.299	106	661492	122.982	ug/l	98
69) o-Xylene	10.640	106	240274	45.599	ug/l	98
73) Isopropylbenzene	10.963	105	19810	1.567	ug/l	100
78) n-propylbenzene	11.305	91	63831	4.370	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	133710	12.647	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	432528	40.229	ug/l	99

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

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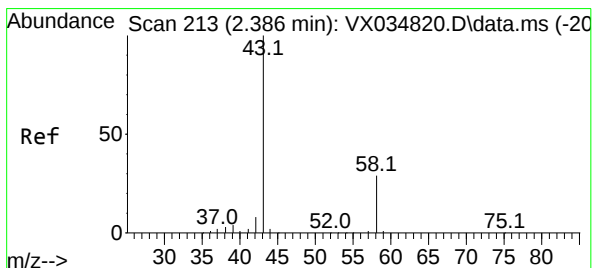
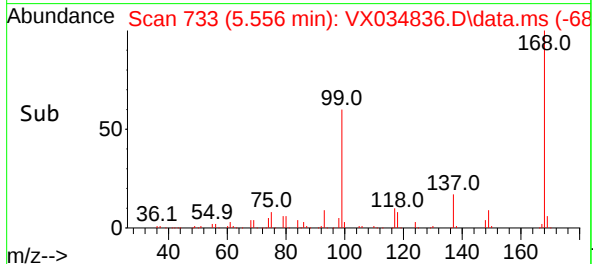
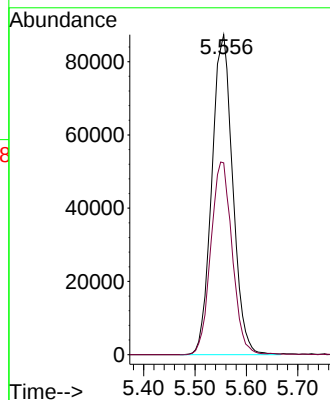
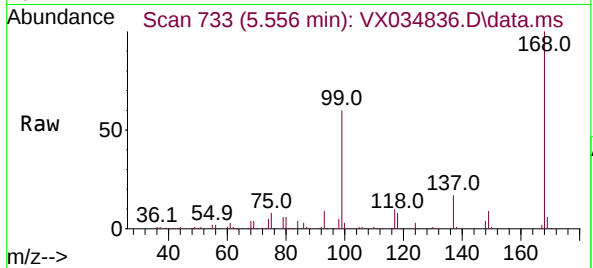




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034836.D
Acq: 29 Mar 2023 18:18

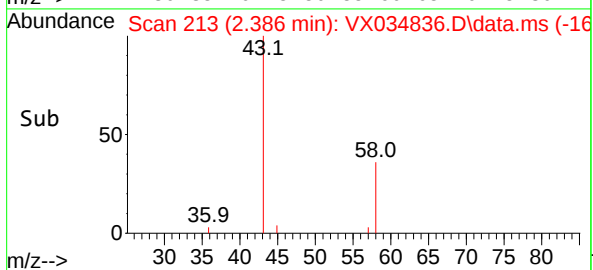
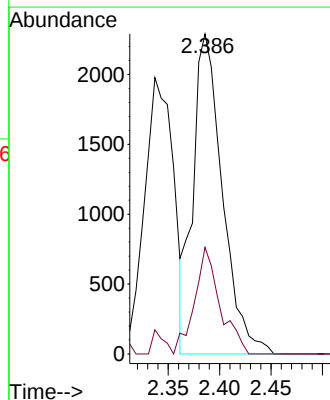
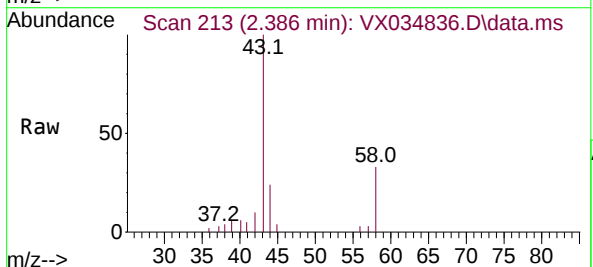
Instrument :
MSVOA_X
ClientSampleId :
MW-6ADL

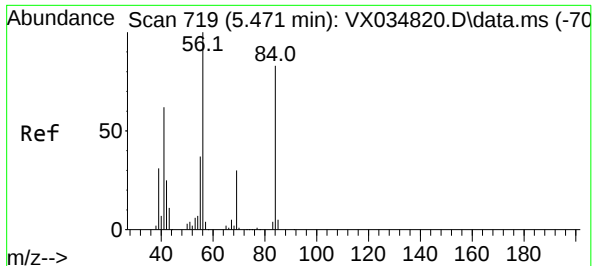
Tgt Ion:168 Resp: 247217
Ion Ratio Lower Upper
168 100
99 59.9 45.7 68.5



#16
Acetone
Concen: 2.967 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX034836.D
Acq: 29 Mar 2023 18:18

Tgt Ion: 43 Resp: 4557
Ion Ratio Lower Upper
43 100
58 33.3 24.7 37.1

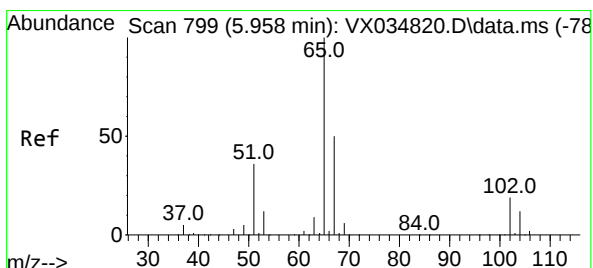
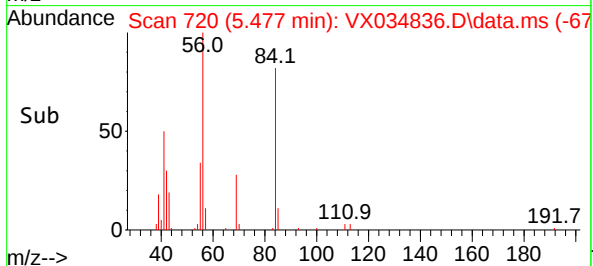
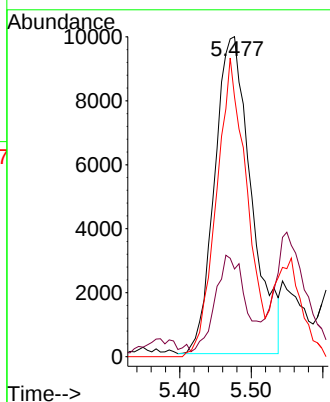
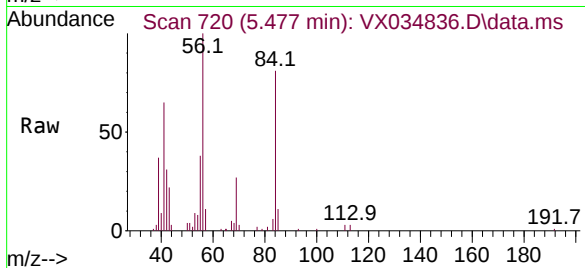




#31
Cyclohexane
Concen: 7.676 ug/l
RT: 5.477 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX034836.D
Acq: 29 Mar 2023 18:18

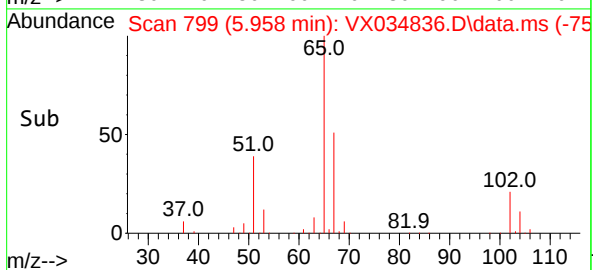
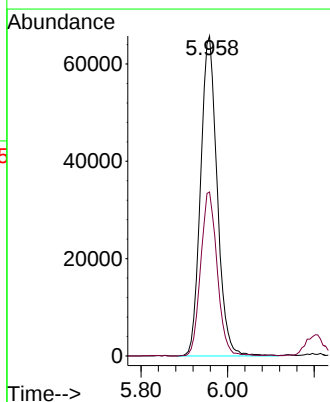
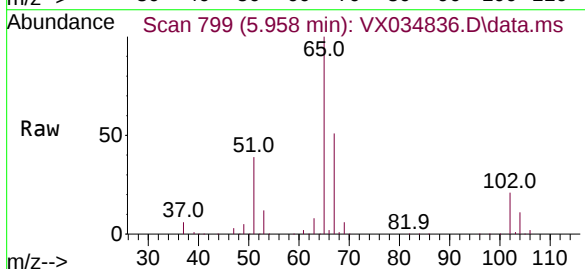
Instrument :
MSVOA_X
ClientSampleId :
MW-6ADL

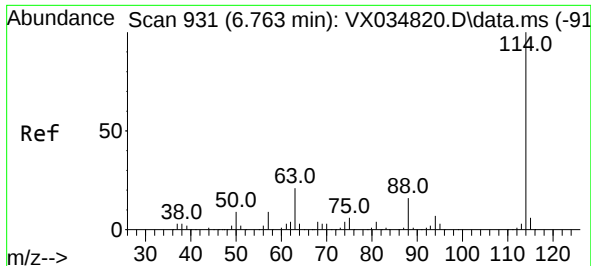
Tgt Ion: 56 Resp: 35339
Ion Ratio Lower Upper
56 100
69 25.4 23.7 35.5
84 81.9 68.5 102.7



#33
1,2-Dichloroethane-d4
Concen: 46.122 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX034836.D
Acq: 29 Mar 2023 18:18

Tgt Ion: 65 Resp: 174378
Ion Ratio Lower Upper
65 100
67 51.2 0.0 104.0

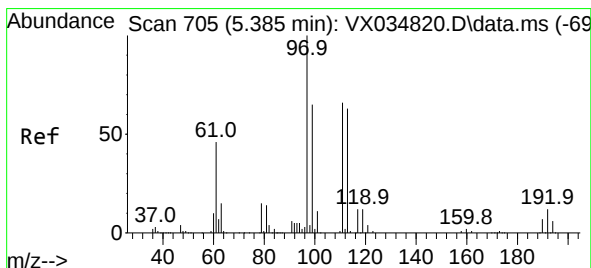
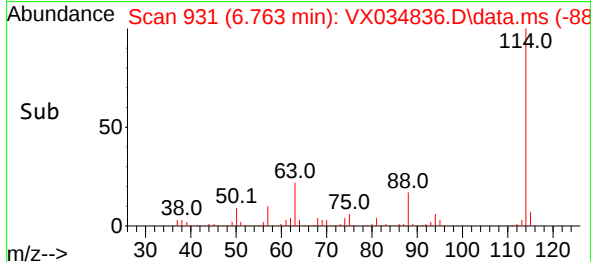
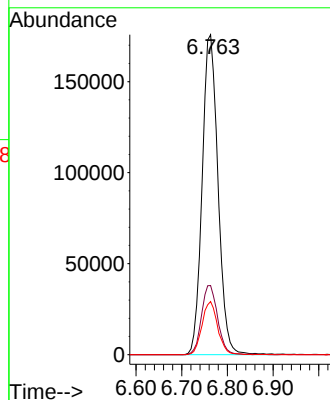
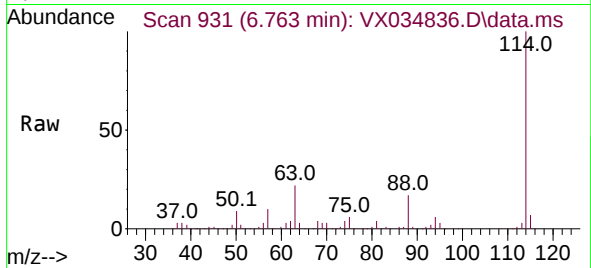




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX034836.D
Acq: 29 Mar 2023 18:18

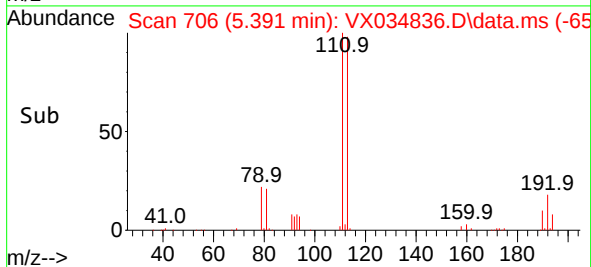
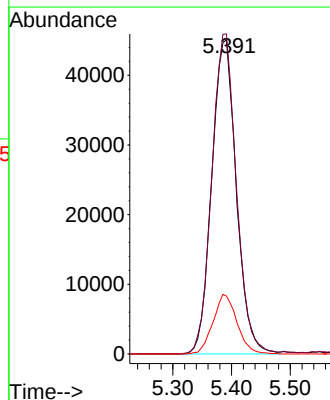
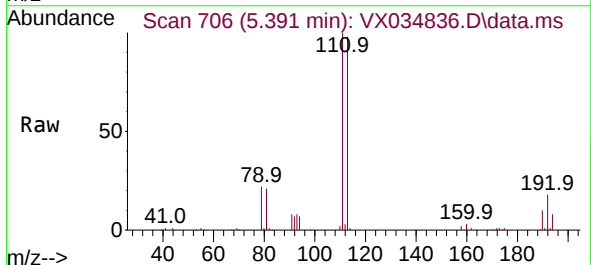
Instrument :
MSVOA_X
ClientSampleId :
MW-6ADL

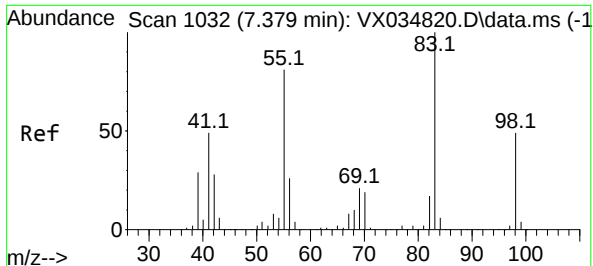
Tgt Ion:114 Resp: 423017
Ion Ratio Lower Upper
114 100
63 21.6 0.0 42.2
88 16.6 0.0 33.2



#35
Dibromofluoromethane
Concen: 46.841 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX034836.D
Acq: 29 Mar 2023 18:18

Tgt Ion:113 Resp: 131056
Ion Ratio Lower Upper
113 100
111 101.9 83.7 125.5
192 18.5 15.4 23.2





#39

Methylcyclohexane

Concen: 4.905 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX034836.D

Acq: 29 Mar 2023 18:18

Instrument :

MSVOA_X

ClientSampleId :

MW-6ADL

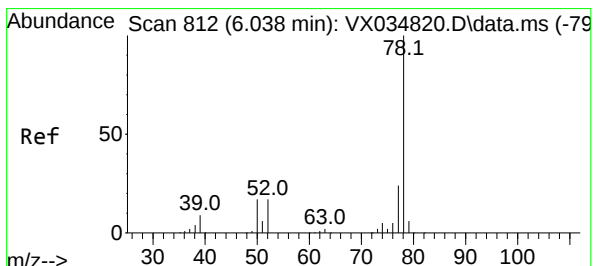
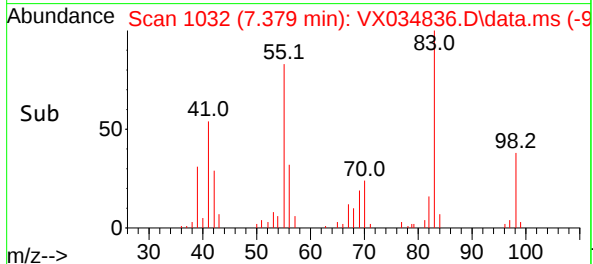
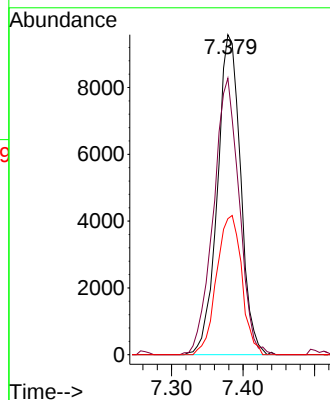
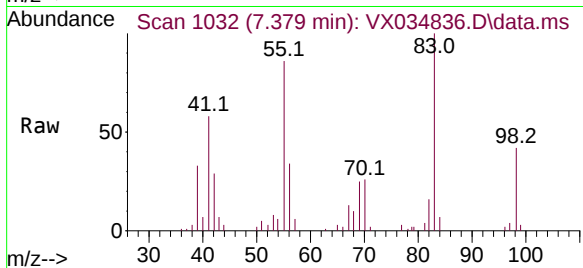
Tgt Ion: 83 Resp: 21590

Ion Ratio Lower Upper

83 100

55 86.4 60.5 90.7

98 42.5 40.4 60.6



#40

Benzene

Concen: 49.973 ug/l

RT: 6.037 min Scan# 812

Delta R.T. -0.000 min

Lab File: VX034836.D

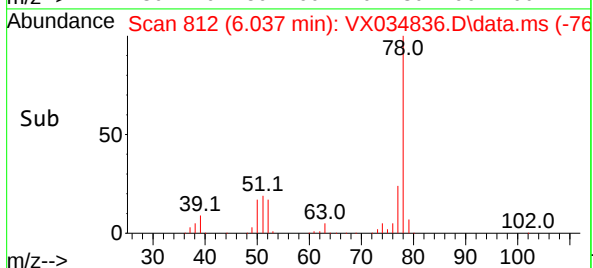
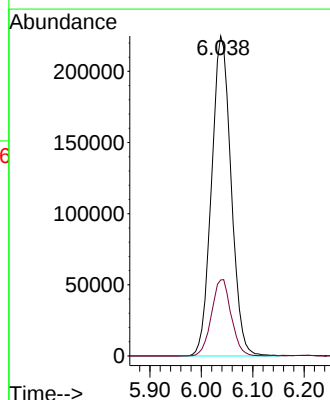
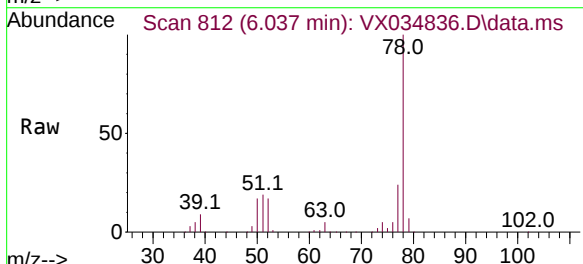
Acq: 29 Mar 2023 18:18

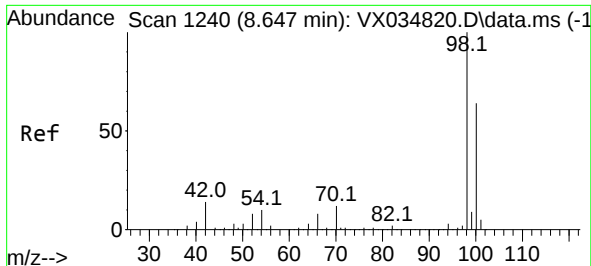
Tgt Ion: 78 Resp: 594639

Ion Ratio Lower Upper

78 100

77 23.7 19.0 28.4

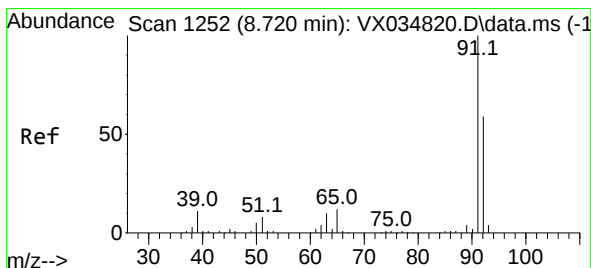
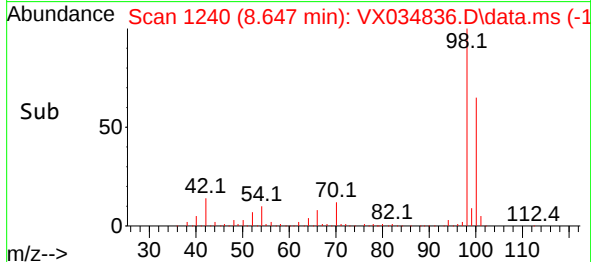
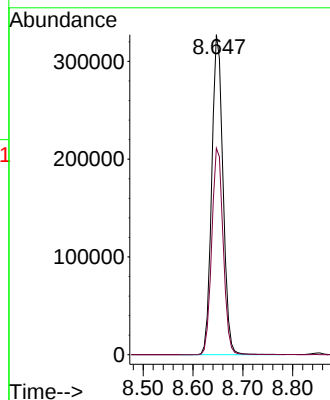
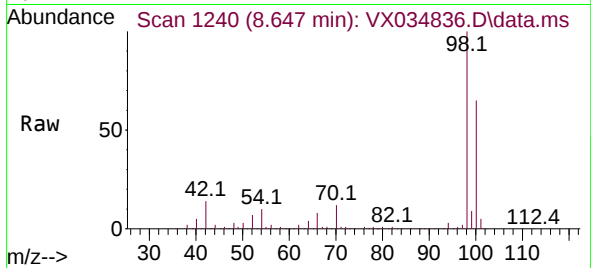




#50
Toluene-d8
Concen: 49.588 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034836.D
Acq: 29 Mar 2023 18:18

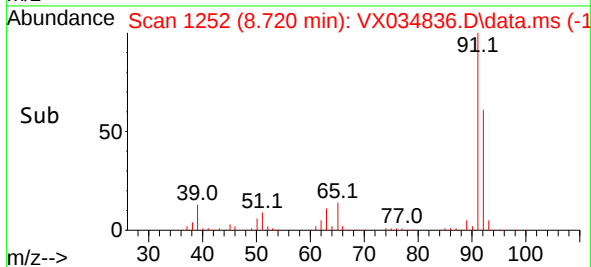
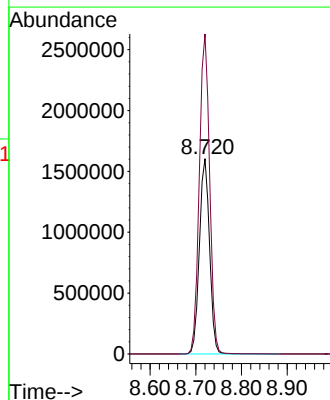
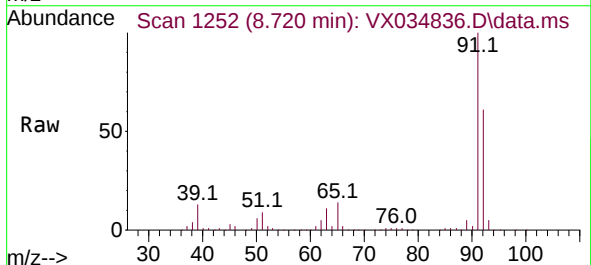
Instrument :
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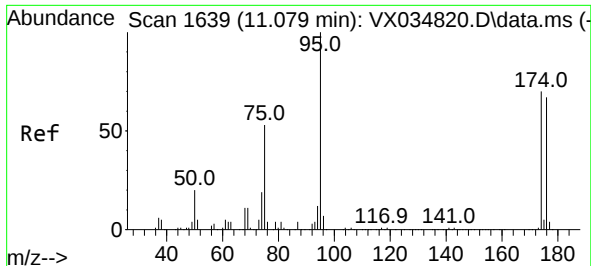
Tgt Ion: 98 Resp: 512108
Ion Ratio Lower Upper
98 100
100 65.4 52.5 78.7



#52
Toluene
Concen: 318.457 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX034836.D
Acq: 29 Mar 2023 18:18

Tgt Ion: 92 Resp: 2470750
Ion Ratio Lower Upper
92 100
91 166.5 136.8 205.2

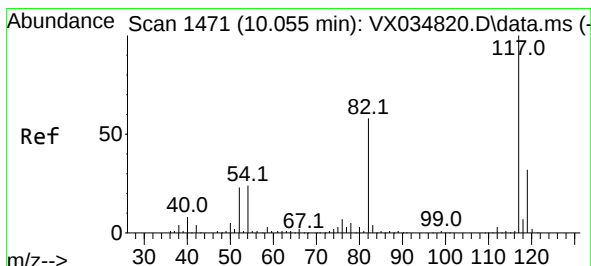
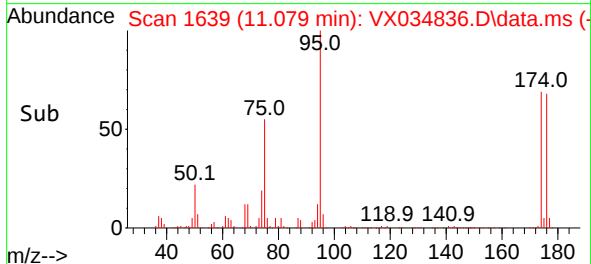
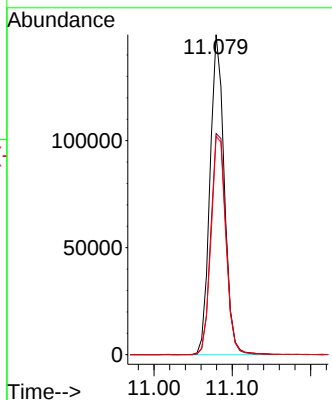
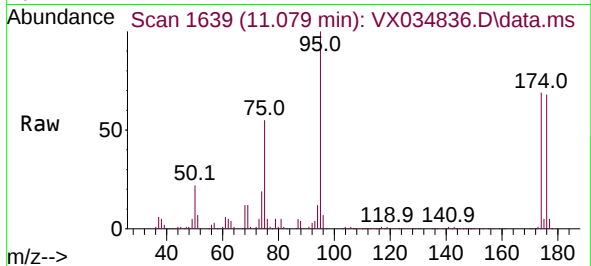




#62
4-Bromofluorobenzene
Concen: 47.402 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034836.D
Acq: 29 Mar 2023 18:18

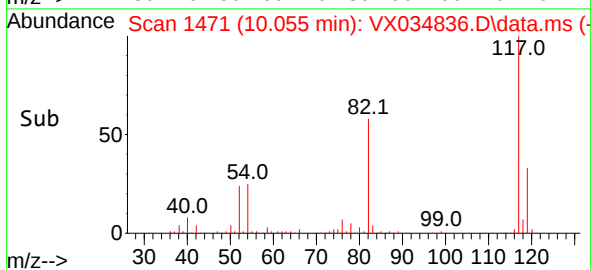
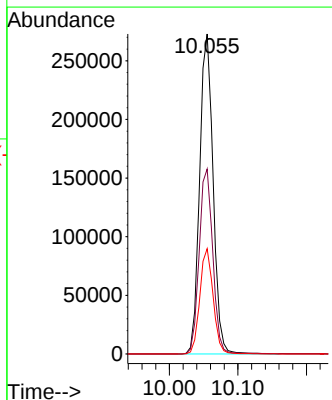
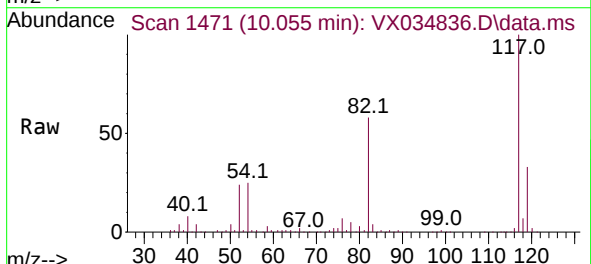
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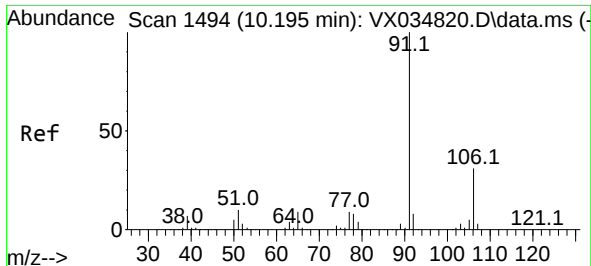
Tgt Ion: 95 Resp: 189439
Ion Ratio Lower Upper
95 100
174 73.1 0.0 147.4
176 70.9 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034836.D
Acq: 29 Mar 2023 18:18

Tgt Ion: 117 Resp: 373583
Ion Ratio Lower Upper
117 100
82 57.8 45.0 67.4
119 32.9 26.0 39.0





#67

Ethyl Benzene

Concen: 36.641 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX034836.D

Acq: 29 Mar 2023 18:18

Instrument :

MSVOA_X

ClientSampleId :

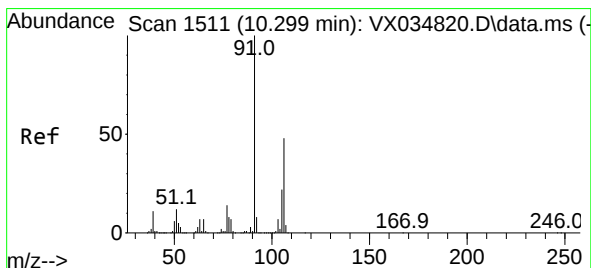
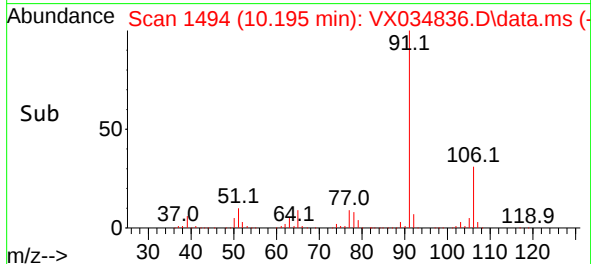
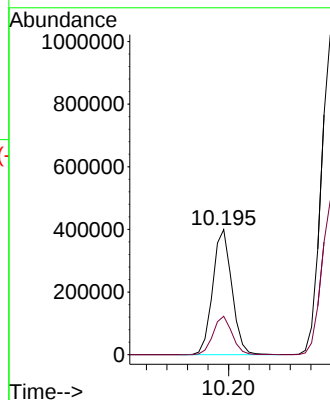
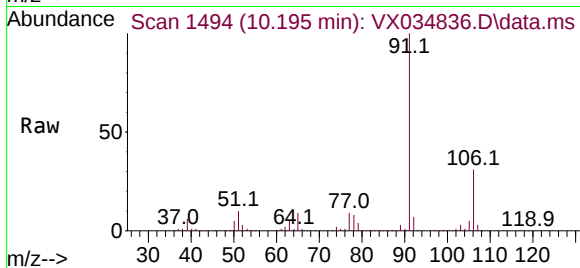
MW-6ADL

Tgt Ion: 91 Resp: 515935

Ion Ratio Lower Upper

91 100

106 30.6 25.6 38.4



#68

m/p-Xylenes

Concen: 122.982 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX034836.D

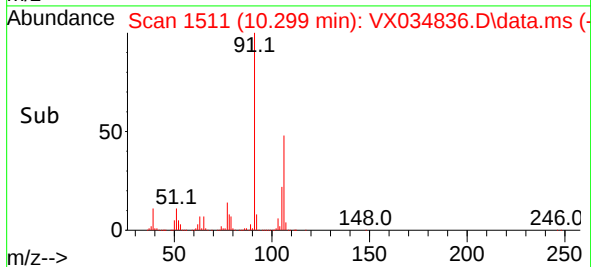
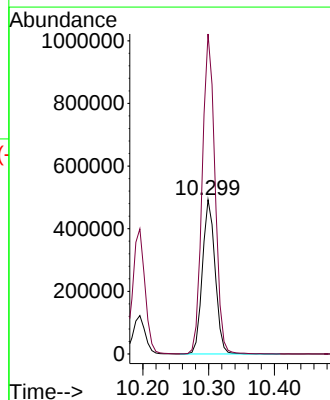
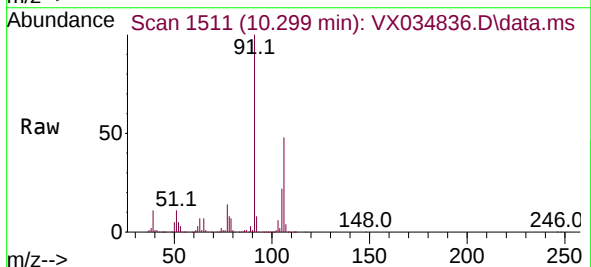
Acq: 29 Mar 2023 18:18

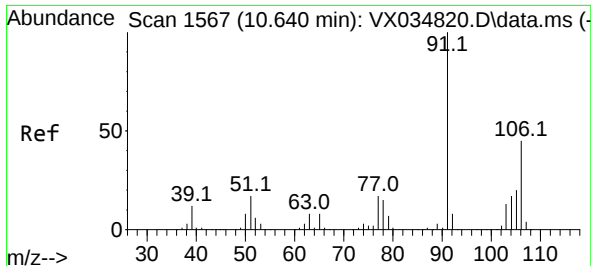
Tgt Ion:106 Resp: 661492

Ion Ratio Lower Upper

106 100

91 208.7 164.0 246.0

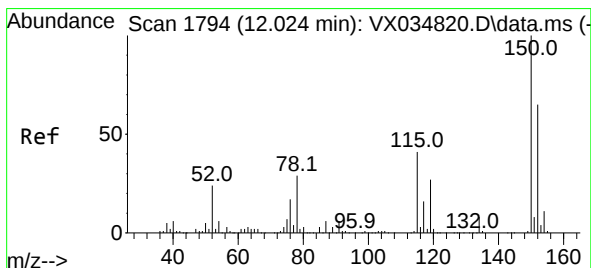
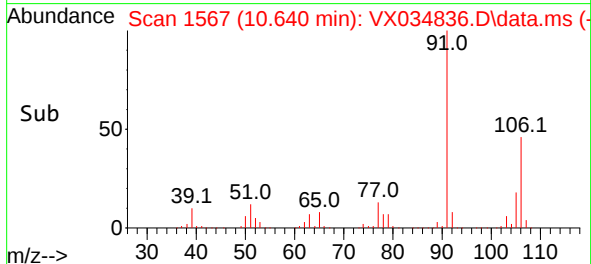
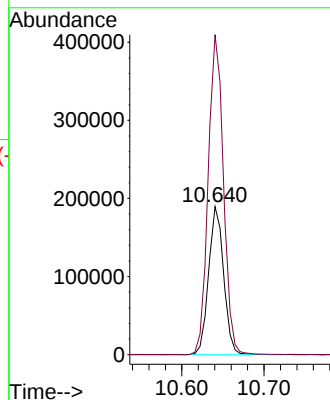
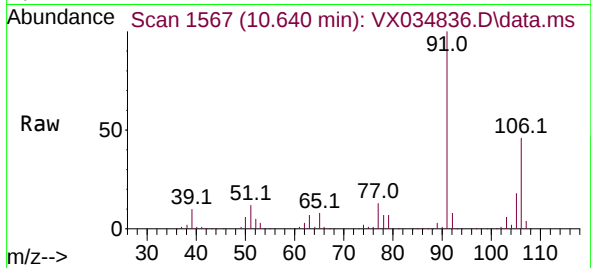




#69
o-Xylene
Concen: 45.599 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034836.D
Acq: 29 Mar 2023 18:18

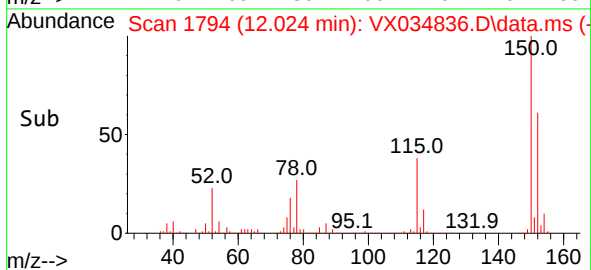
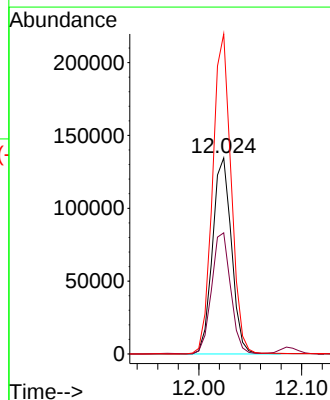
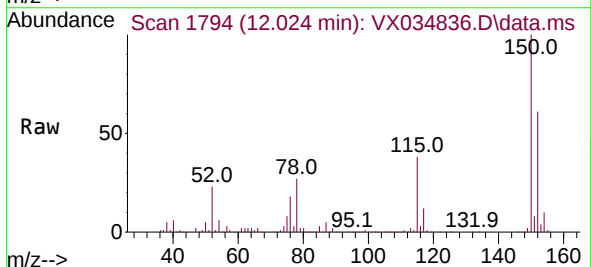
Instrument :
MSVOA_X
ClientSampleId :
MW-6ADL

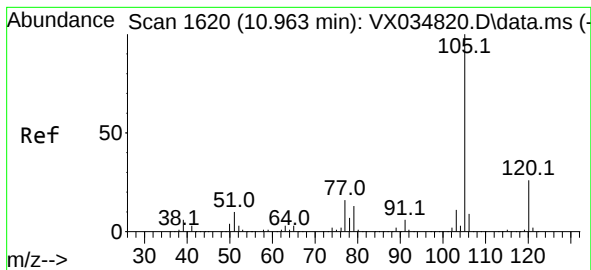
Tgt Ion:106 Resp: 240274
Ion Ratio Lower Upper
106 100
91 219.9 108.5 325.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX034836.D
Acq: 29 Mar 2023 18:18

Tgt Ion:152 Resp: 172625
Ion Ratio Lower Upper
152 100
115 61.7 45.0 135.0
150 159.6 0.0 352.4





#73

Isopropylbenzene

Concen: 1.567 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VX034836.D

Acq: 29 Mar 2023 18:18

Instrument :

MSVOA_X

ClientSampleId :

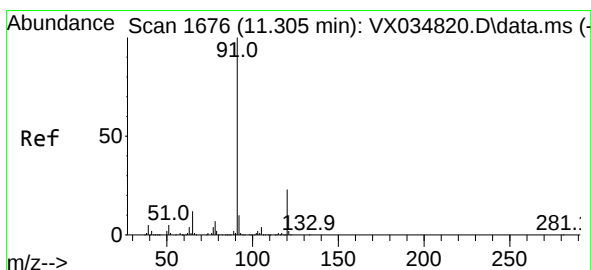
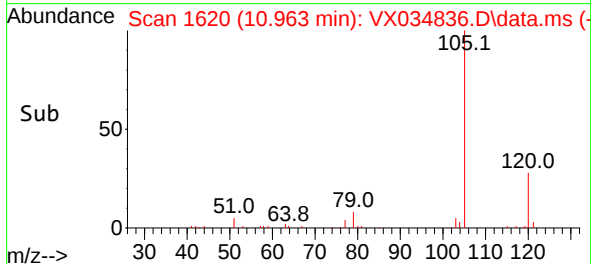
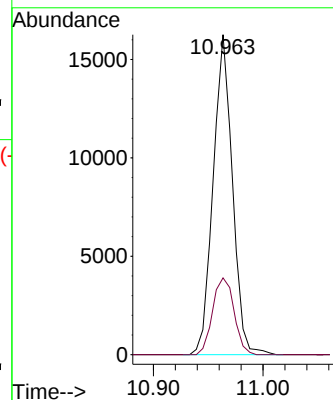
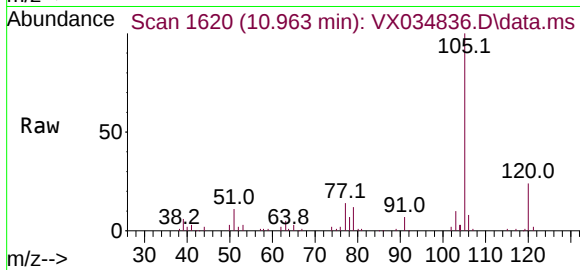
MW-6ADL

Tgt Ion:105 Resp: 19810

Ion Ratio Lower Upper

105 100

120 26.7 13.3 39.9



#78

n-propylbenzene

Concen: 4.370 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX034836.D

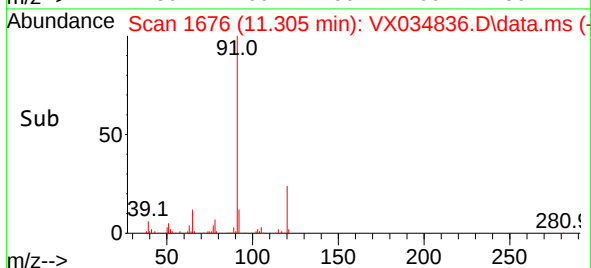
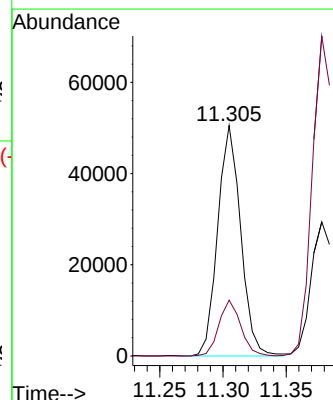
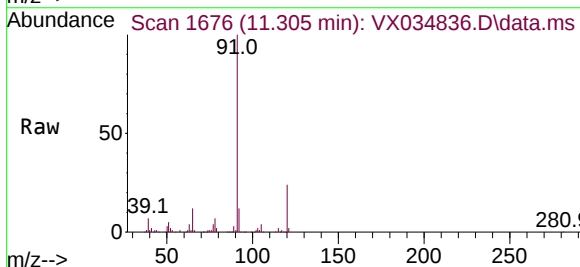
Acq: 29 Mar 2023 18:18

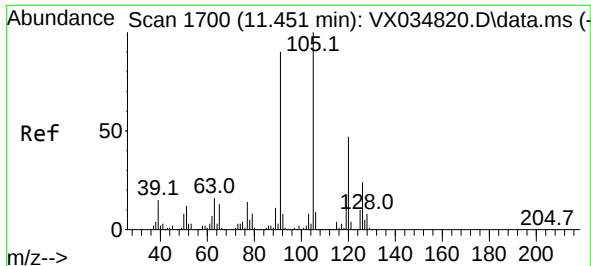
Tgt Ion: 91 Resp: 63831

Ion Ratio Lower Upper

91 100

120 23.0 11.5 34.5

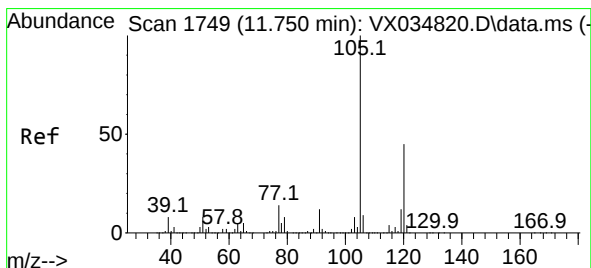
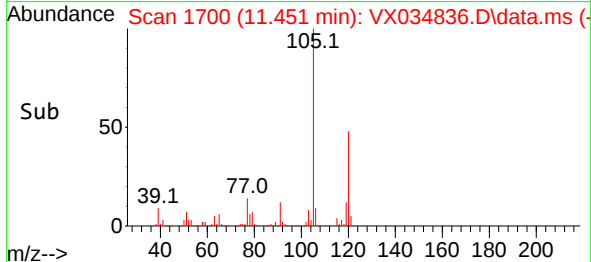
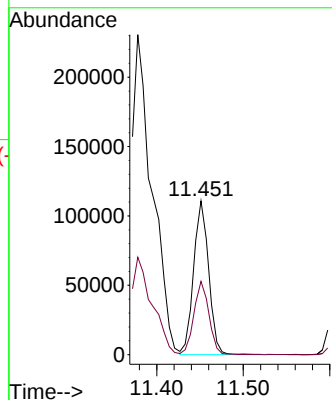
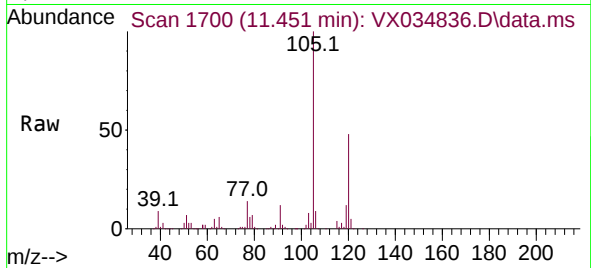




#80
 1,3,5-Trimethylbenzene
 Concen: 12.647 ug/l
 RT: 11.451 min Scan# 1700
 Delta R.T. -0.000 min
 Lab File: VX034836.D
 Acq: 29 Mar 2023 18:18

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6ADL

Tgt Ion:105 Resp: 133710
 Ion Ratio Lower Upper
 105 100
 120 47.5 23.7 71.1



#84
 1,2,4-Trimethylbenzene
 Concen: 40.229 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. -0.000 min
 Lab File: VX034836.D
 Acq: 29 Mar 2023 18:18

Tgt Ion:105 Resp: 432528
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.4 67.0

