

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102522\
 Data File : VX032360.D
 Acq On : 25 Oct 2022 13:39
 Operator : JC/MD
 Sample : N5222-14DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6DL

Quant Time: Oct 27 14:16:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 22 04:56:40 2022
 Response via : Initial Calibration

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

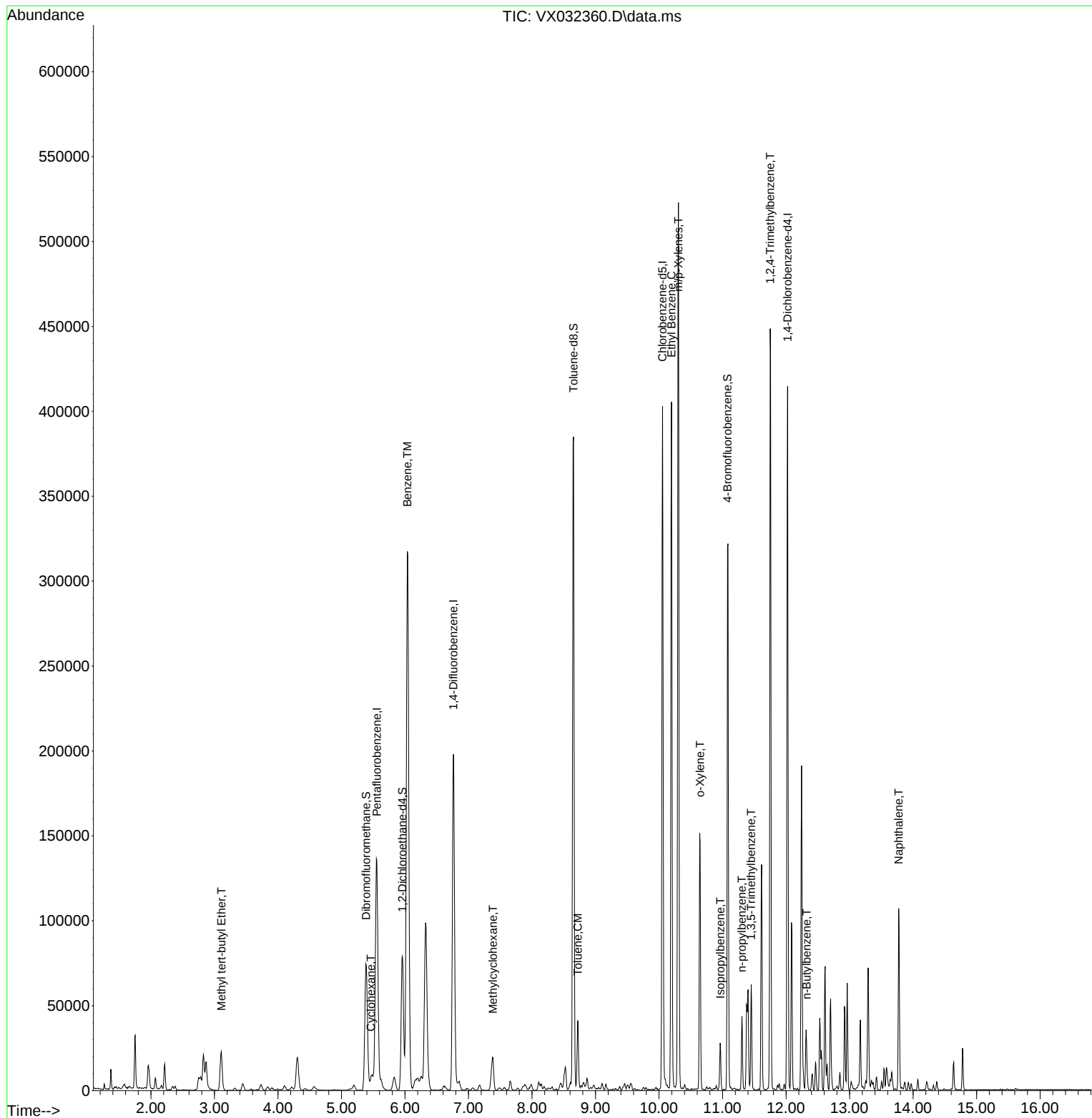
Internal Standards						
1) Pentafluorobenzene	5.556	168	129320	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	202142	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	174540	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	84050	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	79329	47.155	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.300%		
35) Dibromofluoromethane	5.385	113	63995	45.495	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.980%		
50) Toluene-d8	8.653	98	238321	47.067	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.140%		
62) 4-Bromofluorobenzene	11.079	95	82973	44.750	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.500%		
Target Compounds					Qvalue	
19) Methyl tert-butyl Ether	3.111	73	6562	1.650	ug/l #	1
31) Cyclohexane	5.464	56	6118	3.181	ug/l #	92
39) Methylcyclohexane	7.385	83	8365	3.870	ug/l	94
40) Benzene	6.037	78	382347	72.907	ug/l	100
52) Toluene	8.720	92	13792	4.060	ug/l	99
67) Ethyl Benzene	10.195	91	227411	35.894	ug/l	99
68) m/p-Xylenes	10.305	106	122771	49.068	ug/l	99
69) o-Xylene	10.646	106	32744	13.661	ug/l	100
73) Isopropylbenzene	10.963	105	13267	2.212	ug/l	100
78) n-propylbenzene	11.305	91	24429	3.557	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	25420	4.907	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	197447	39.204	ug/l	100
89) n-Butylbenzene	12.323	91	4927	1.050	ug/l #	21
95) Naphthalene	13.774	128	65457	11.302	ug/l	99

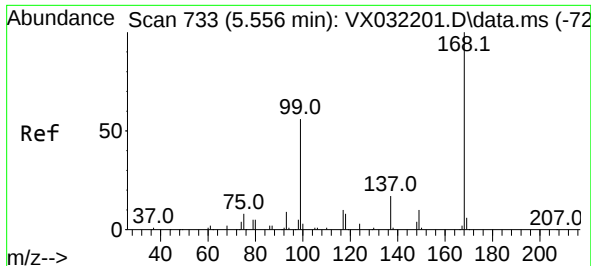
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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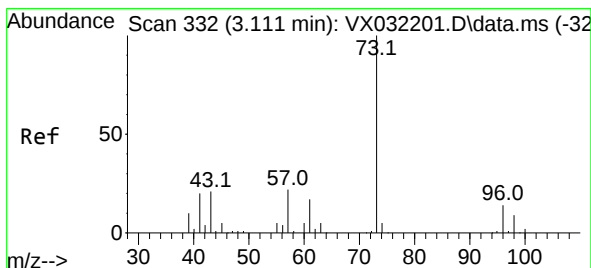
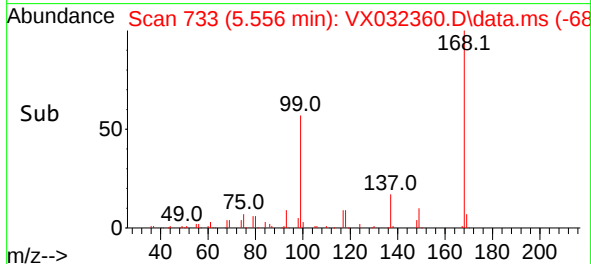
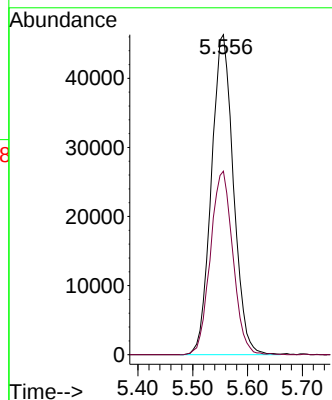
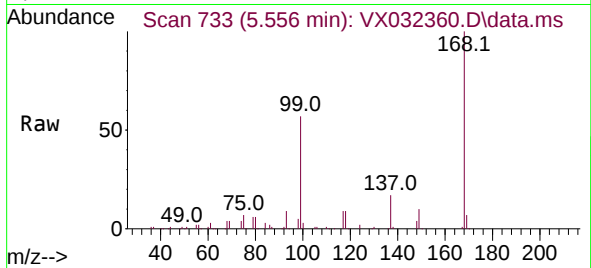




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX032360.D
Acq: 25 Oct 2022 13:39

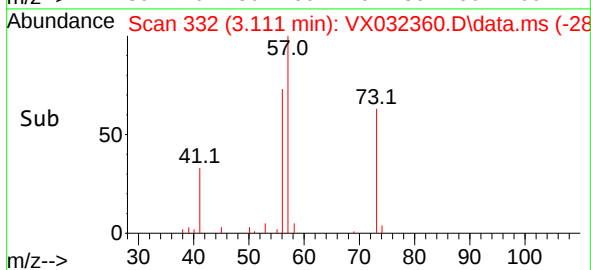
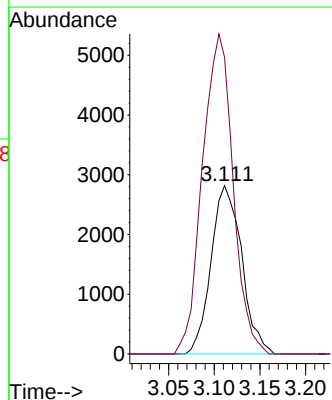
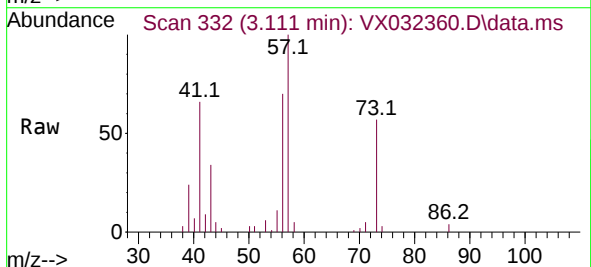
Instrument :
MSVOA_X
ClientSampleId :
MW-6DL

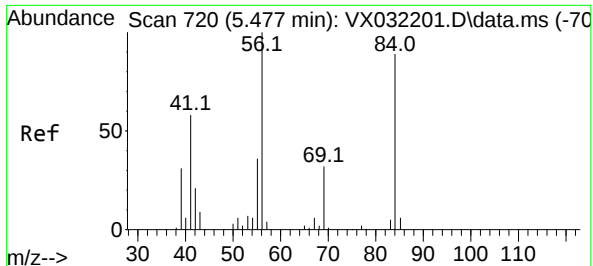
Tgt Ion:168 Resp: 129320
Ion Ratio Lower Upper
168 100
99 57.4 44.8 67.2



#19
Methyl tert-butyl Ether
Concen: 1.650 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX032360.D
Acq: 25 Oct 2022 13:39

Tgt Ion: 73 Resp: 6562
Ion Ratio Lower Upper
73 100
57 176.3 17.4 26.2#

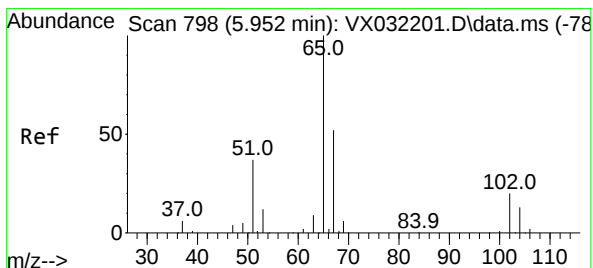
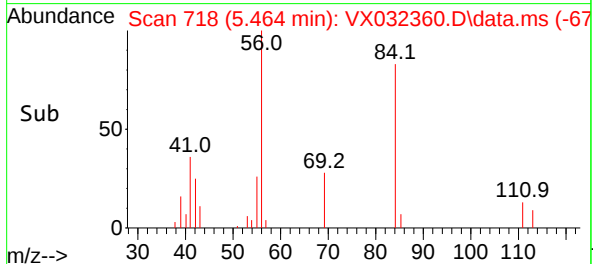
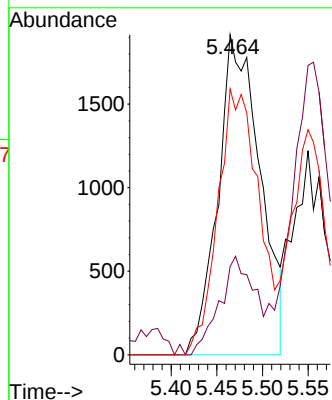
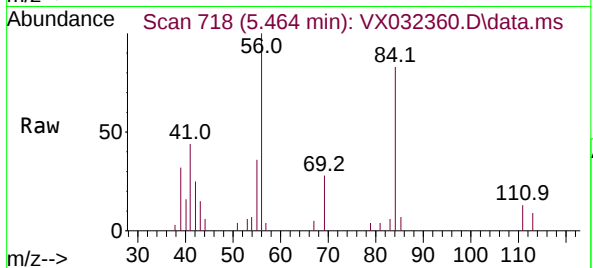




#31
Cyclohexane
Concen: 3.181 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.013 min
Lab File: VX032360.D
Acq: 25 Oct 2022 13:39

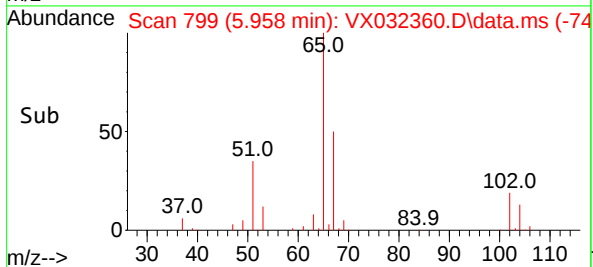
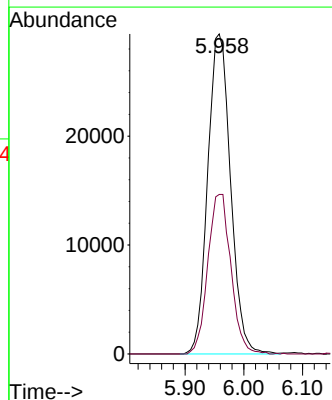
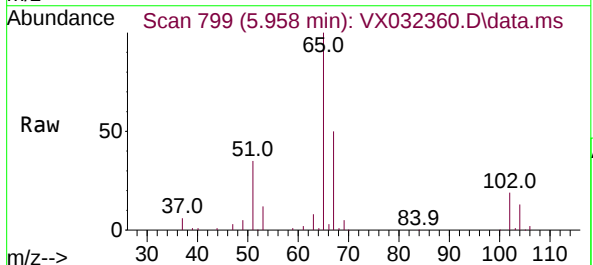
Instrument :
MSVOA_X
ClientSampleId :
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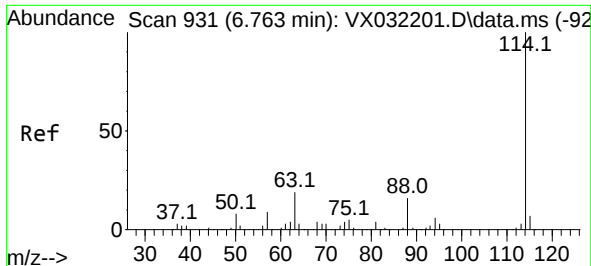
Tgt Ion: 56 Resp: 6118
Ion Ratio Lower Upper
56 100
69 24.3 25.4 38.0#
84 83.0 71.2 106.8



#33
1,2-Dichloroethane-d4
Concen: 47.155 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX032360.D
Acq: 25 Oct 2022 13:39

Tgt Ion: 65 Resp: 79329
Ion Ratio Lower Upper
65 100
67 50.3 0.0 103.6

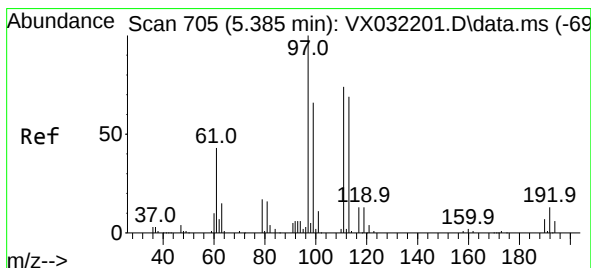
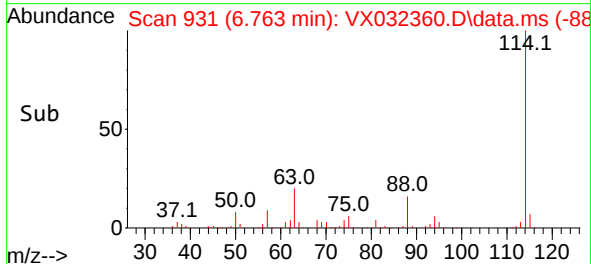
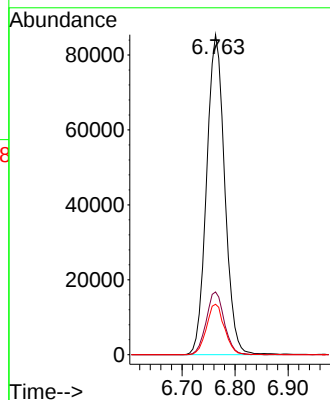
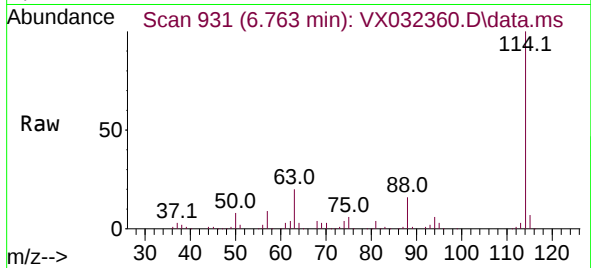




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX032360.D
Acq: 25 Oct 2022 13:39

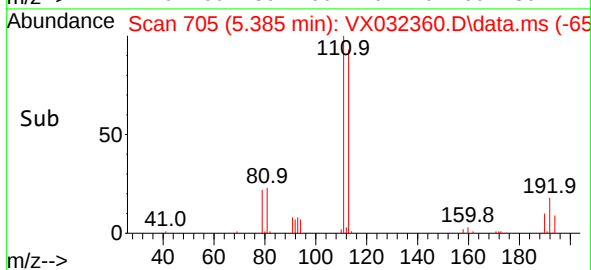
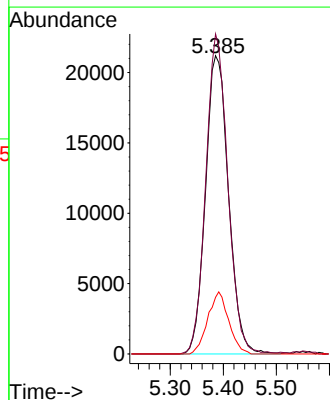
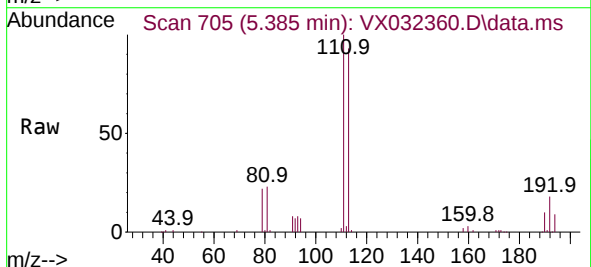
Instrument :
MSVOA_X
ClientSampleId :
MW-6DL

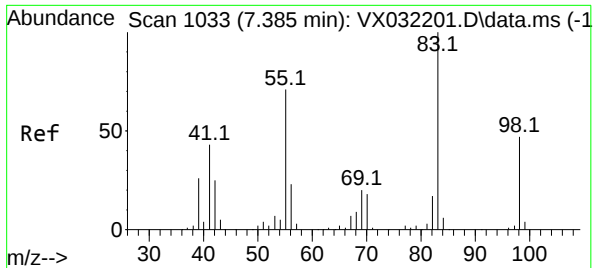
Tgt Ion:114 Resp: 202142
Ion Ratio Lower Upper
114 100
63 19.6 0.0 38.6
88 15.8 0.0 32.6



#35
Dibromofluoromethane
Concen: 45.495 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032360.D
Acq: 25 Oct 2022 13:39

Tgt Ion:113 Resp: 63995
Ion Ratio Lower Upper
113 100
111 102.6 82.8 124.2
192 18.9 15.5 23.3





#39

Methylcyclohexane

Concen: 3.870 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX032360.D

Acq: 25 Oct 2022 13:39

Instrument :

MSVOA_X

ClientSampleId :

MW-6DL

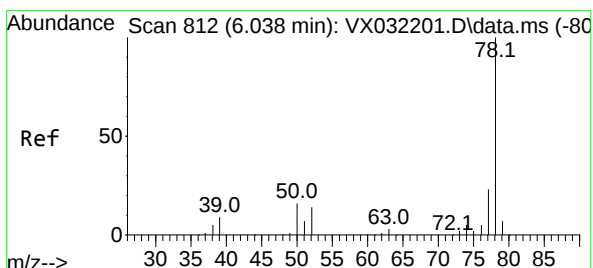
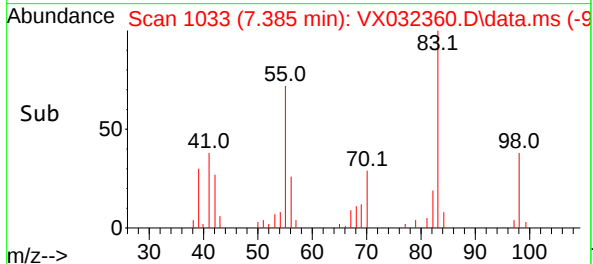
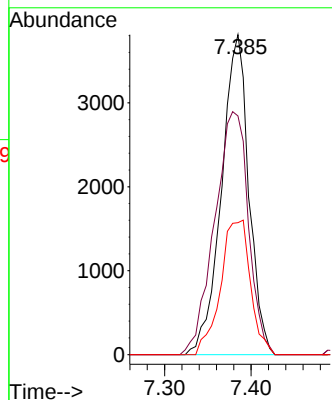
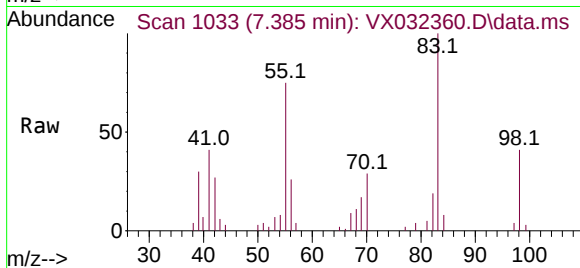
Tgt Ion: 83 Resp: 8365

Ion Ratio Lower Upper

83 100

55 74.6 56.6 85.0

98 41.2 37.4 56.0



#40

Benzene

Concen: 72.907 ug/l

RT: 6.037 min Scan# 812

Delta R.T. -0.001 min

Lab File: VX032360.D

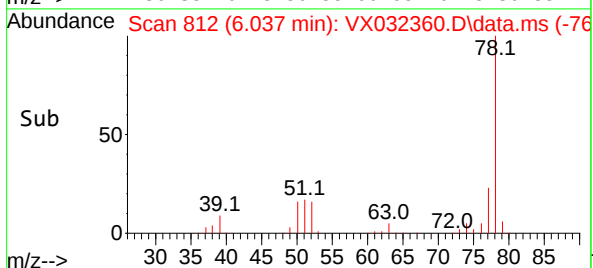
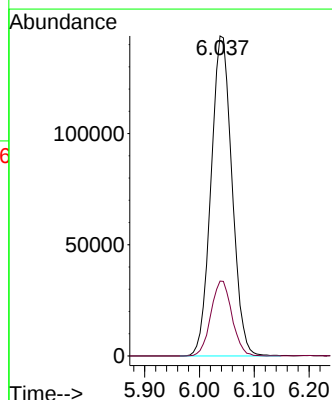
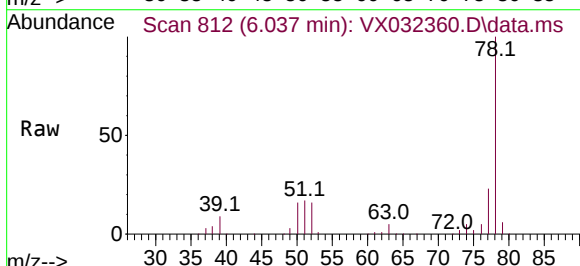
Acq: 25 Oct 2022 13:39

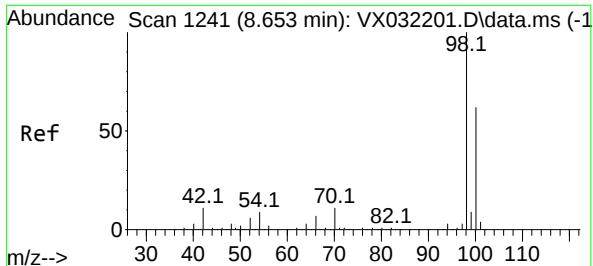
Tgt Ion: 78 Resp: 382347

Ion Ratio Lower Upper

78 100

77 23.4 18.6 27.8





#50

Toluene-d8

Concen: 47.067 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX032360.D

Acq: 25 Oct 2022 13:39

Instrument :

MSVOA_X

ClientSampleId :

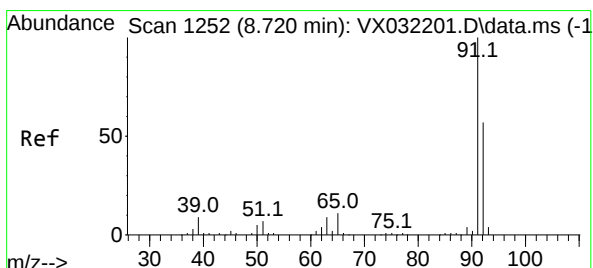
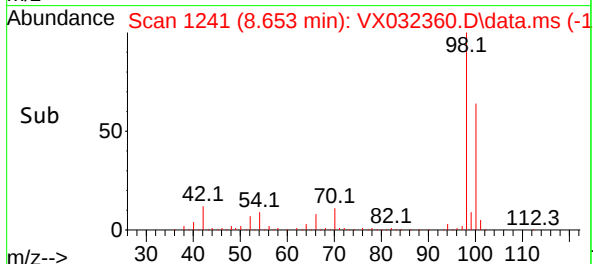
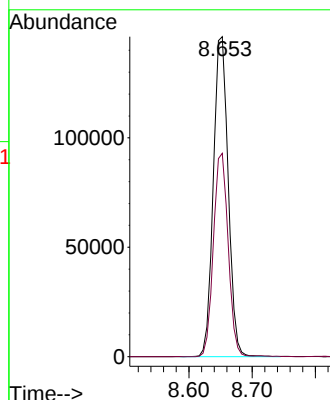
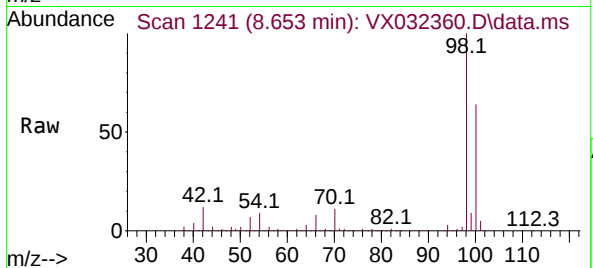
MW-6DL

Tgt Ion: 98 Resp: 238321

Ion Ratio Lower Upper

98 100

100 63.0 50.7 76.1



#52

Toluene

Concen: 4.060 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX032360.D

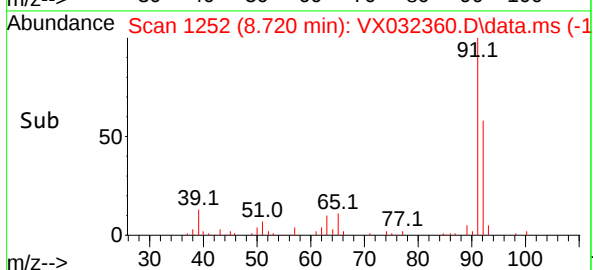
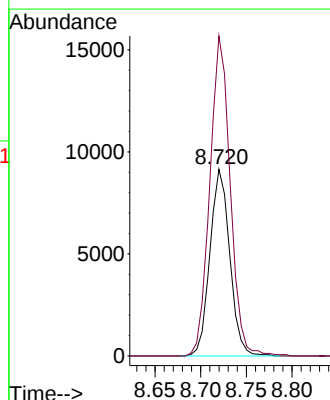
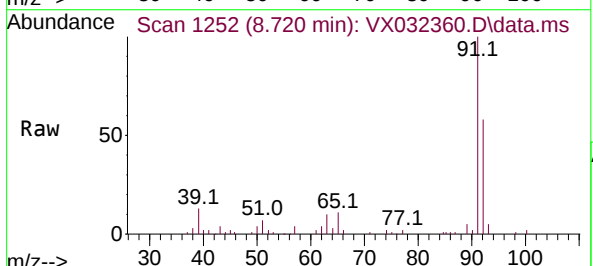
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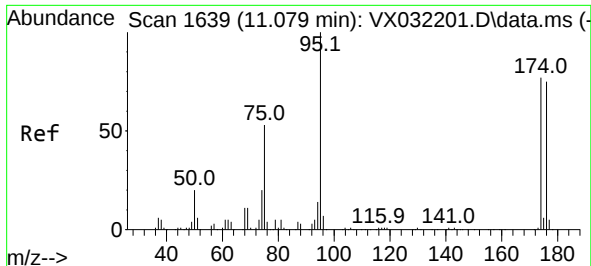
Tgt Ion: 92 Resp: 13792

Ion Ratio Lower Upper

92 100

91 176.3 140.3 210.5

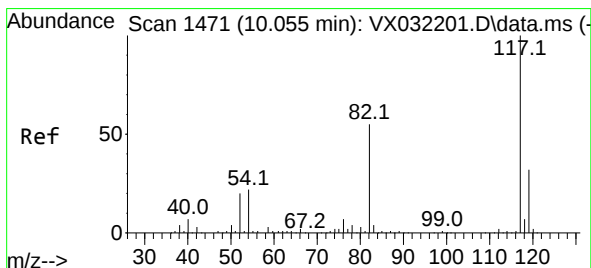
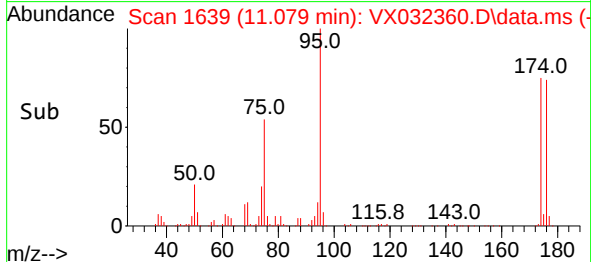
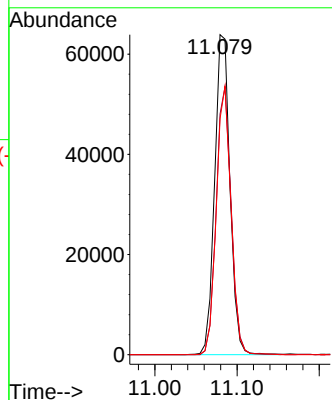
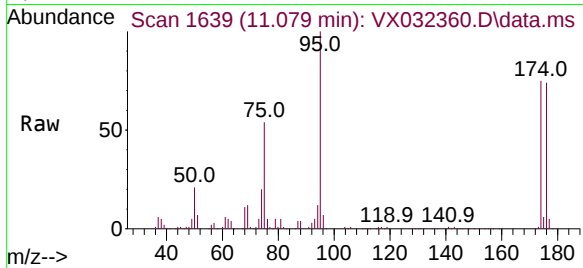




#62
4-Bromofluorobenzene
Concen: 44.750 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032360.D
Acq: 25 Oct 2022 13:39

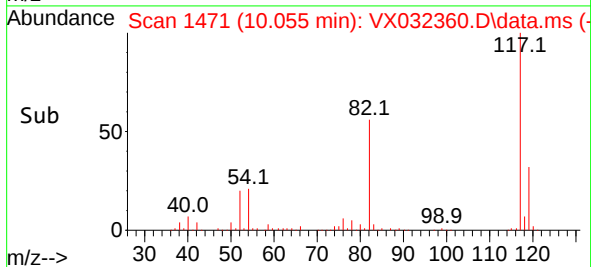
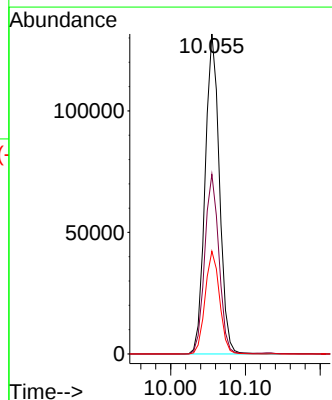
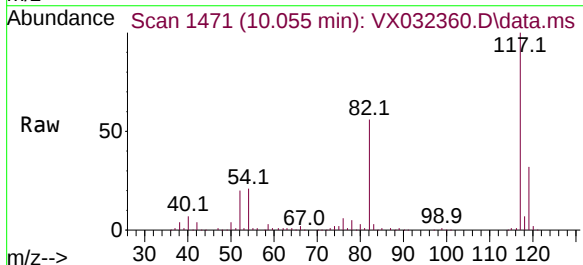
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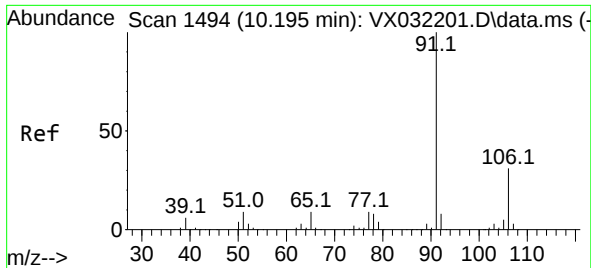
Tgt Ion: 95 Resp: 82973
Ion Ratio Lower Upper
95 100
174 81.4 0.0 166.8
176 80.6 0.0 161.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032360.D
Acq: 25 Oct 2022 13:39

Tgt Ion: 117 Resp: 174540
Ion Ratio Lower Upper
117 100
82 56.1 44.2 66.4
119 32.1 25.8 38.8

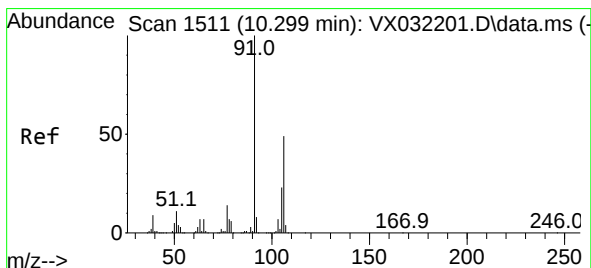
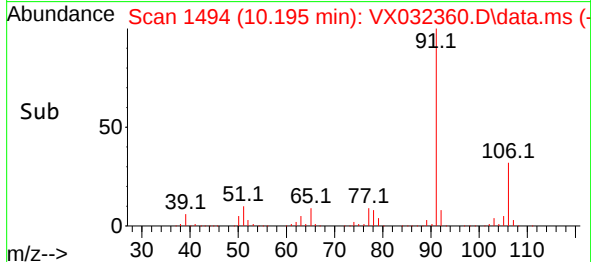
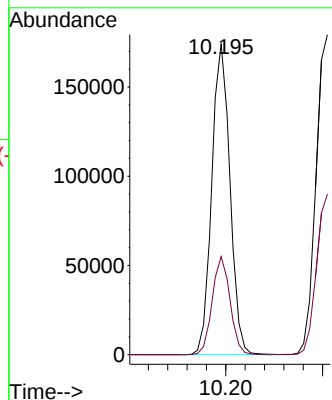
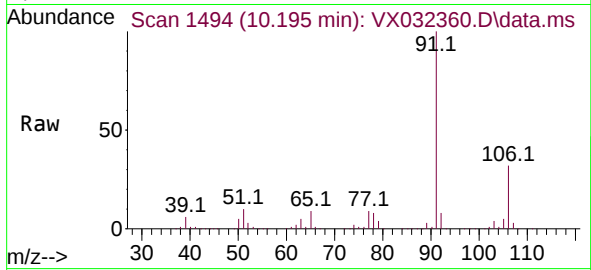




#67
Ethyl Benzene
Concen: 35.894 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX032360.D
Acq: 25 Oct 2022 13:39

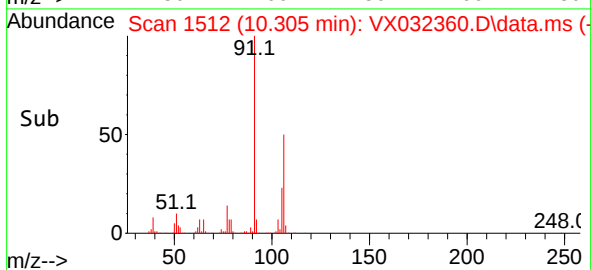
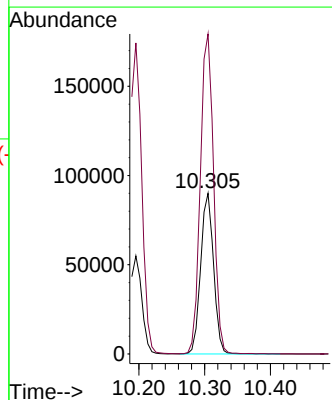
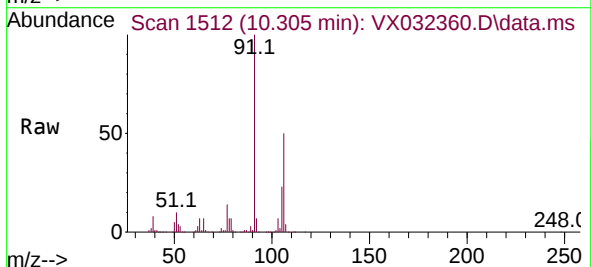
Instrument :
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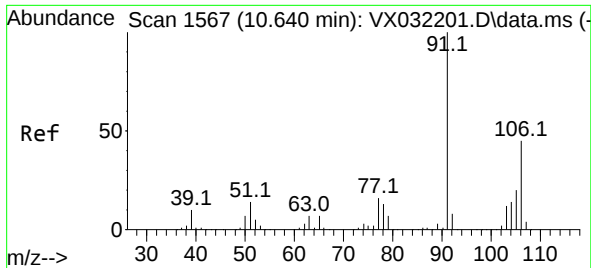
Tgt Ion: 91 Resp: 227411
Ion Ratio Lower Upper
91 100
106 31.5 25.0 37.4



#68
m/p-Xylenes
Concen: 49.068 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX032360.D
Acq: 25 Oct 2022 13:39

Tgt Ion: 106 Resp: 122771
Ion Ratio Lower Upper
106 100
91 204.5 162.6 244.0

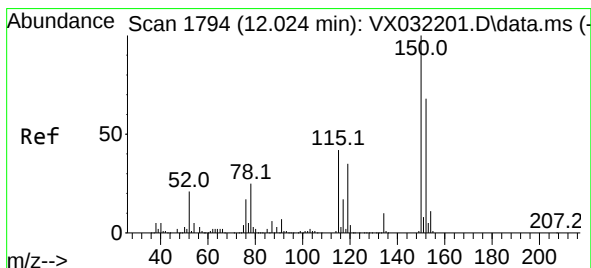
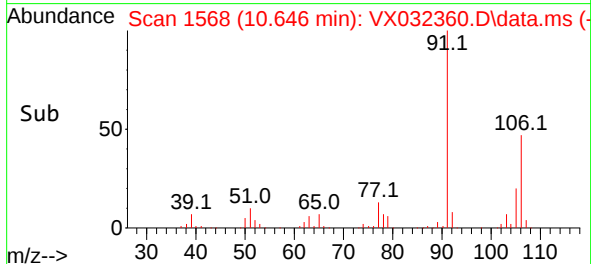
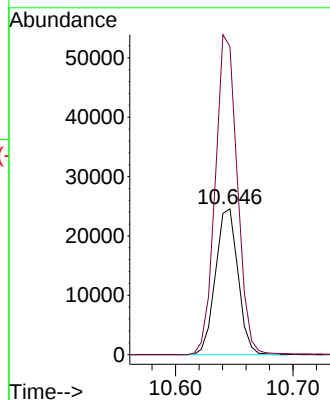
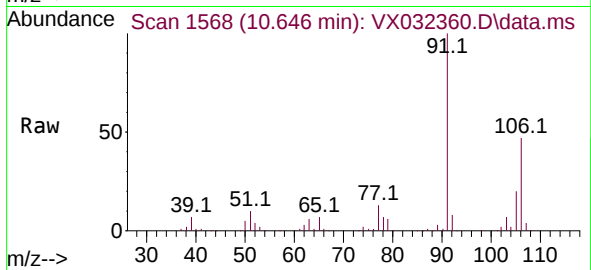




#69
o-Xylene
Concen: 13.661 ug/l
RT: 10.646 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VX032360.D
Acq: 25 Oct 2022 13:39

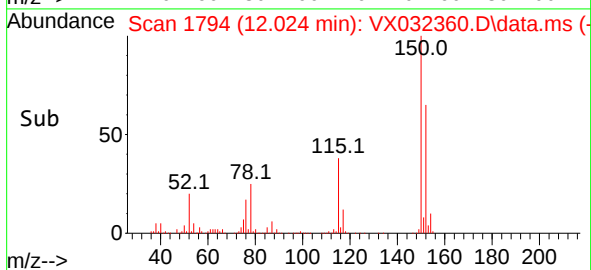
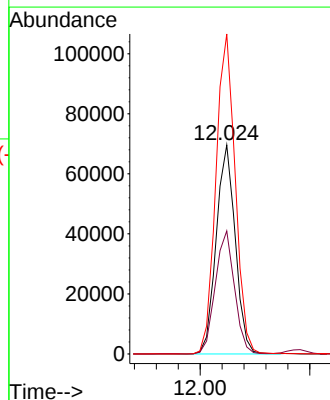
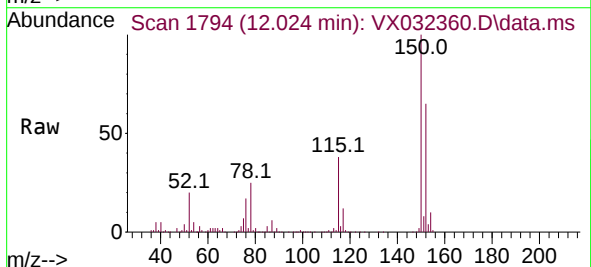
Instrument :
MSVOA_X
ClientSampleId :
MW-6DL

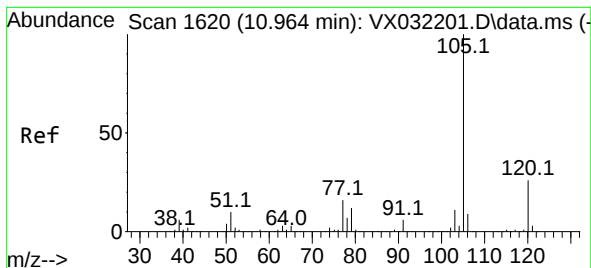
Tgt Ion:106 Resp: 32744
Ion Ratio Lower Upper
106 100
91 216.3 108.3 324.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032360.D
Acq: 25 Oct 2022 13:39

Tgt Ion:152 Resp: 84050
Ion Ratio Lower Upper
152 100
115 59.3 43.1 129.4
150 155.3 0.0 348.6





#73

Isopropylbenzene

Concen: 2.212 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. -0.001 min

Lab File: VX032360.D

Acq: 25 Oct 2022 13:39

Instrument :

MSVOA_X

ClientSampleId :

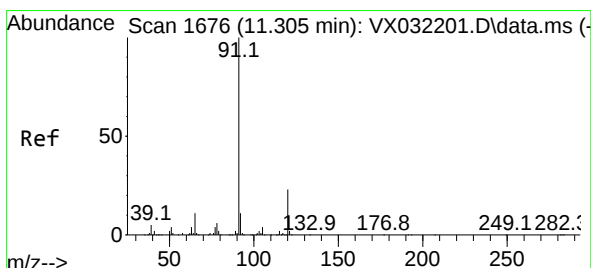
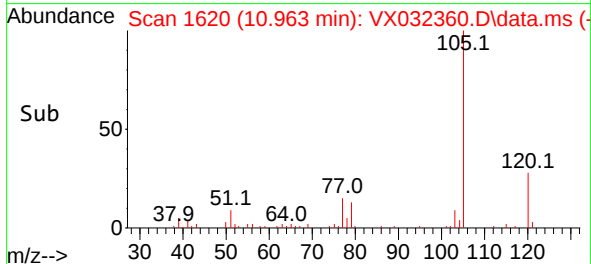
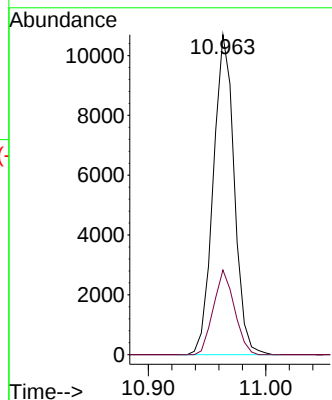
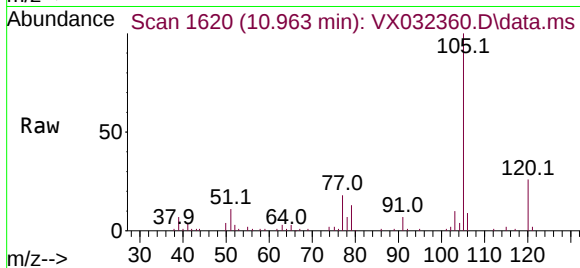
MW-6DL

Tgt Ion:105 Resp: 13267

Ion Ratio Lower Upper

105 100

120 26.6 13.2 39.6



#78

n-propylbenzene

Concen: 3.557 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX032360.D

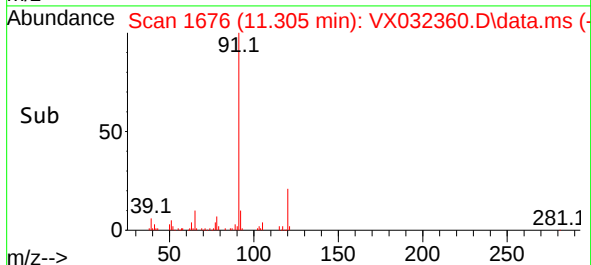
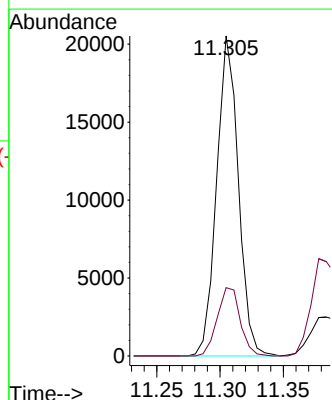
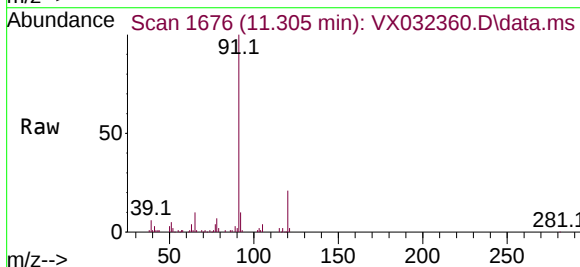
Acq: 25 Oct 2022 13:39

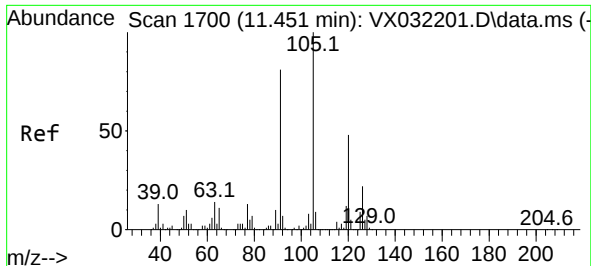
Tgt Ion: 91 Resp: 24429

Ion Ratio Lower Upper

91 100

120 22.6 11.6 34.8

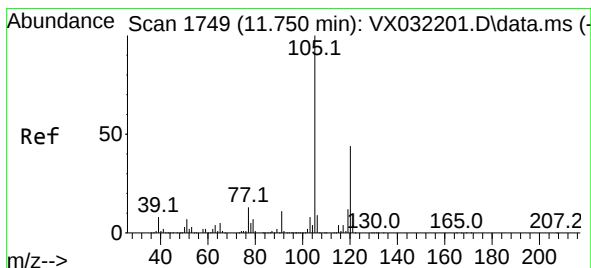
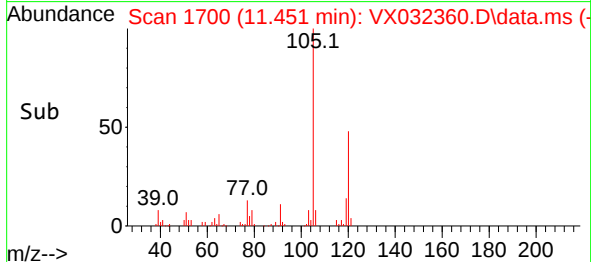
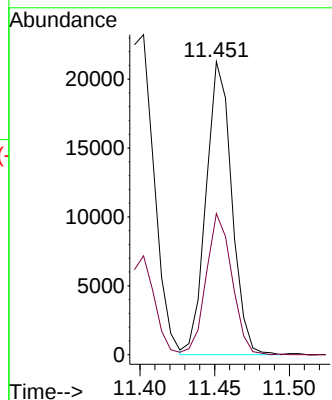
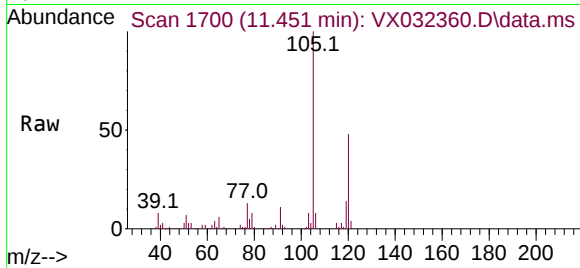




#80
 1,3,5-Trimethylbenzene
 Concen: 4.907 ug/l
 RT: 11.451 min Scan# 1700
 Delta R.T. 0.000 min
 Lab File: VX032360.D
 Acq: 25 Oct 2022 13:39

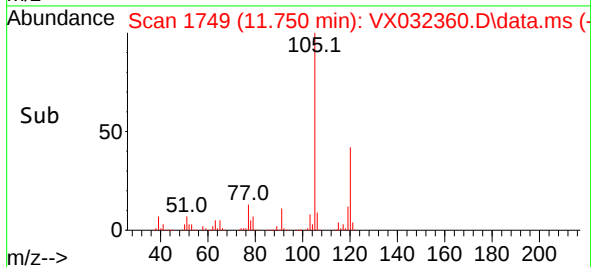
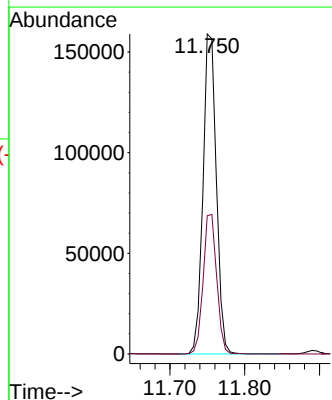
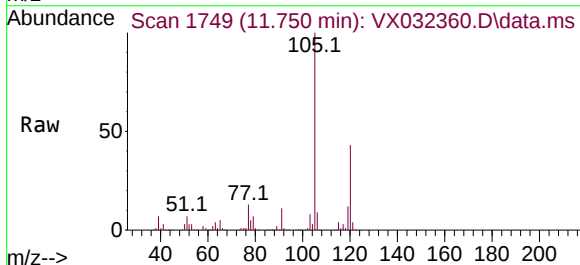
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6DL

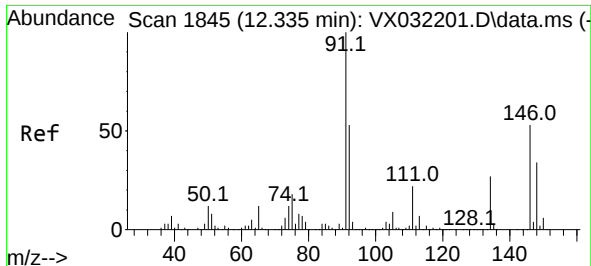
Tgt Ion:105 Resp: 25420
 Ion Ratio Lower Upper
 105 100
 120 48.3 23.5 70.6



#84
 1,2,4-Trimethylbenzene
 Concen: 39.204 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. -0.000 min
 Lab File: VX032360.D
 Acq: 25 Oct 2022 13:39

Tgt Ion:105 Resp: 197447
 Ion Ratio Lower Upper
 105 100
 120 44.2 22.1 66.1





#89

n-Butylbenzene

Concen: 1.050 ug/l

RT: 12.323 min Scan# 11

Delta R.T. -0.012 min

Lab File: VX032360.D

Acq: 25 Oct 2022 13:39

Instrument :

MSVOA_X

ClientSampleId :

MW-6DL

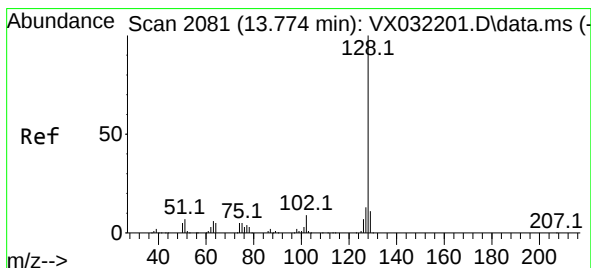
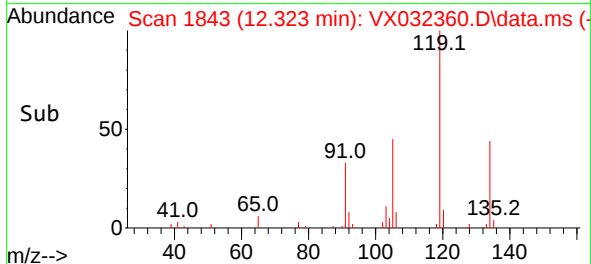
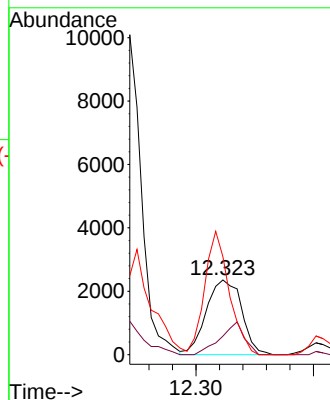
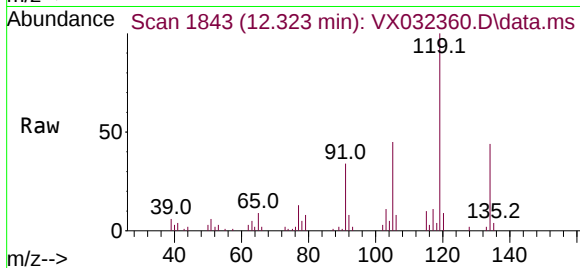
Tgt Ion: 91 Resp: 4927

Ion Ratio Lower Upper

91 100

92 29.6 26.3 78.9

134 114.6 13.0 39.0#



#95

Naphthalene

Concen: 11.302 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX032360.D

Acq: 25 Oct 2022 13:39

Tgt Ion:128 Resp: 65457

Ion Ratio Lower Upper

128 100

127 12.6 10.3 15.5

129 11.0 8.7 13.1

