

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111022\
 Data File : VX032728.D
 Acq On : 10 Nov 2022 15:10
 Operator : JC/MD
 Sample : N5551-15 40X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-21

Quant Time: Nov 11 00:36:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

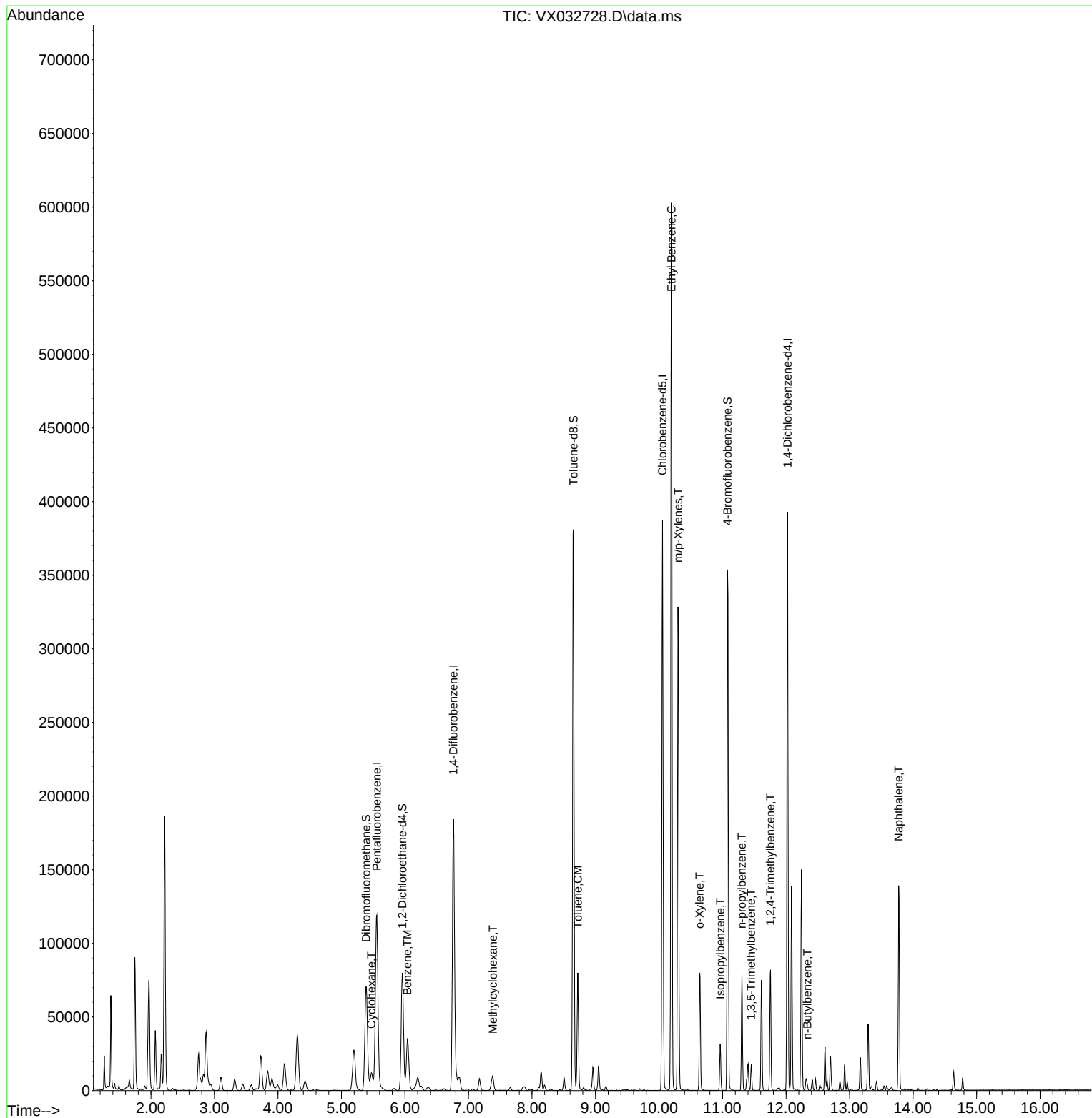
Internal Standards						
1) Pentafluorobenzene	5.556	168	113267	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	185096	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	165332	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77444	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	79588	50.570	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.140%			
35) Dibromofluoromethane	5.385	113	60866	46.100	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 92.200%			
50) Toluene-d8	8.653	98	228406	49.751	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.500%			
62) 4-Bromofluorobenzene	11.079	95	88994	49.624	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.240%			
Target Compounds						Qvalue
31) Cyclohexane	5.470	56	7991	4.188	ug/l #	87
39) Methylcyclohexane	7.385	83	3838	1.764	ug/l	98
40) Benzene	6.037	78	41345	7.947	ug/l	97
52) Toluene	8.720	92	27854	8.206	ug/l	97
67) Ethyl Benzene	10.195	91	334157	50.456	ug/l	100
68) m/p-Xylenes	10.299	106	75463	29.344	ug/l	100
69) o-Xylene	10.640	106	16862	6.744	ug/l	98
73) Isopropylbenzene	10.963	105	15712	2.560	ug/l	98
78) n-propylbenzene	11.305	91	46764	6.614	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	7486	1.427	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	36494	6.996	ug/l	100
89) n-Butylbenzene	12.335	91	2536	0.545	ug/l #	64
95) Naphthalene	13.774	128	84600	13.915	ug/l	99

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

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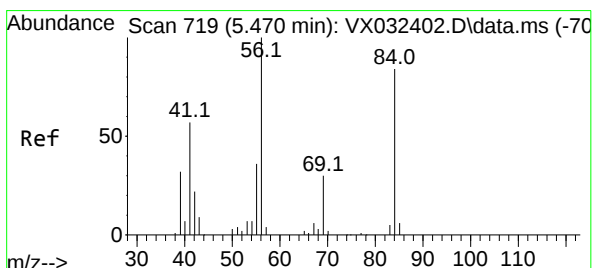
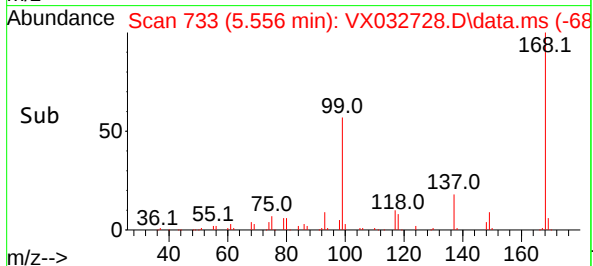
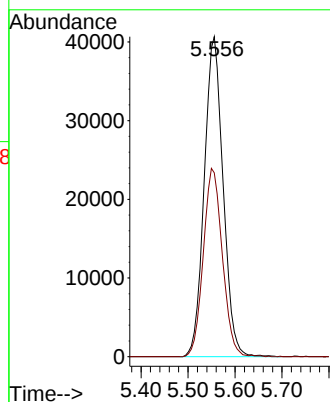
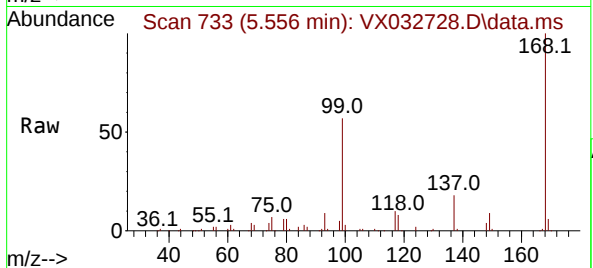




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX032728.D
Acq: 10 Nov 2022 15:10

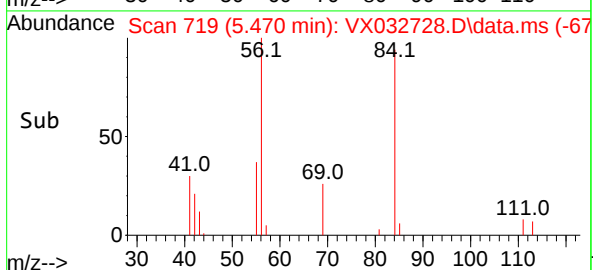
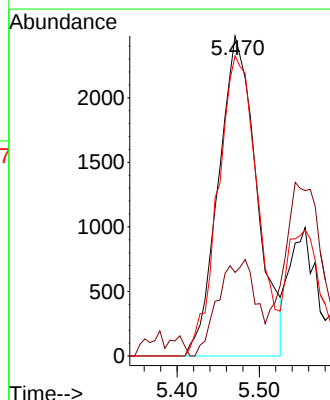
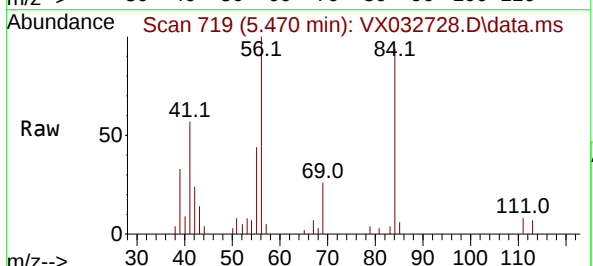
Instrument :
MSVOA_X
ClientSampleId :
MW-21

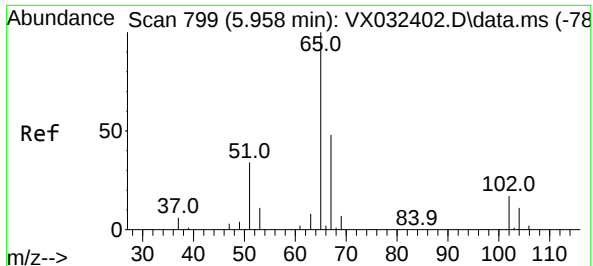
Tgt Ion:168 Resp: 113267
Ion Ratio Lower Upper
168 100
99 57.5 46.1 69.1



#31
Cyclohexane
Concen: 4.188 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX032728.D
Acq: 10 Nov 2022 15:10

Tgt Ion: 56 Resp: 7991
Ion Ratio Lower Upper
56 100
69 19.8 24.1 36.1#
84 93.8 66.9 100.3





#33

1,2-Dichloroethane-d4

Concen: 50.570 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX032728.D

Acq: 10 Nov 2022 15:10

Instrument :

MSVOA_X

ClientSampleId :

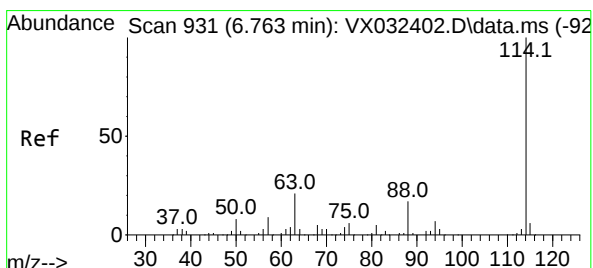
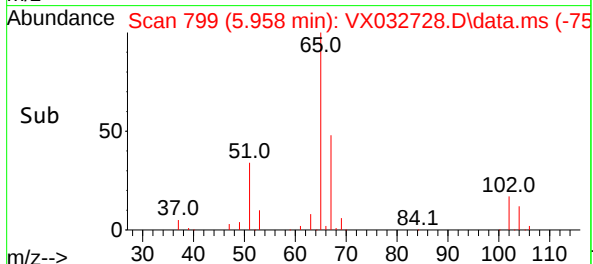
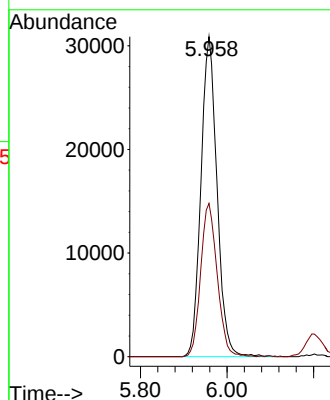
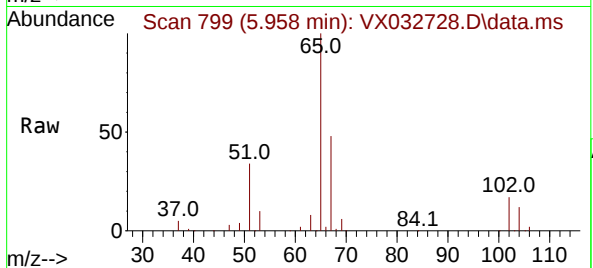
MW-21

Tgt Ion: 65 Resp: 79588

Ion Ratio Lower Upper

65 100

67 49.2 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX032728.D

Acq: 10 Nov 2022 15:10

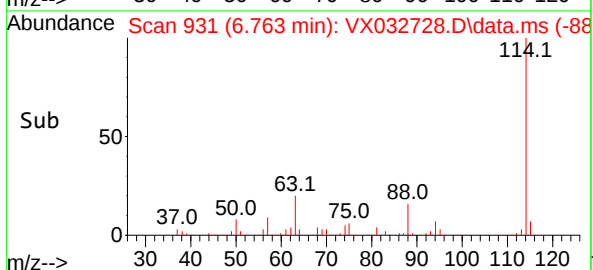
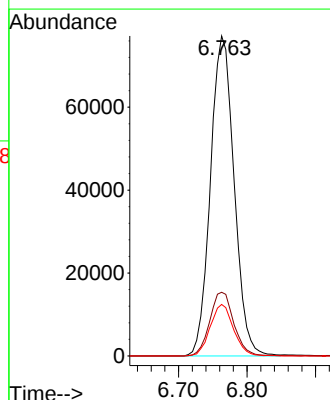
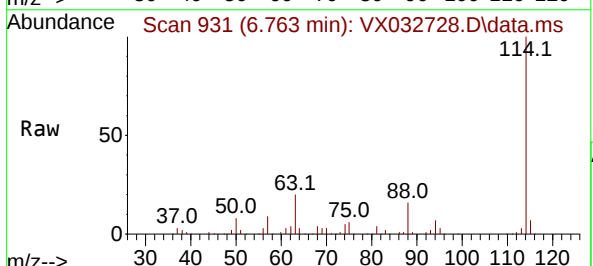
Tgt Ion: 114 Resp: 185096

Ion Ratio Lower Upper

114 100

63 19.9 0.0 41.6

88 16.1 0.0 33.4

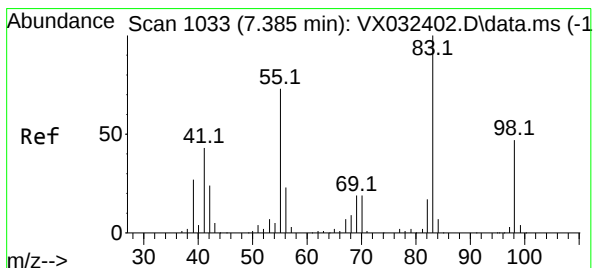
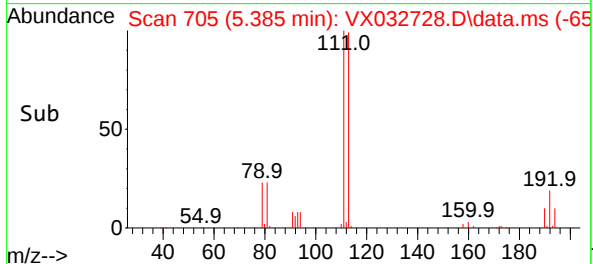
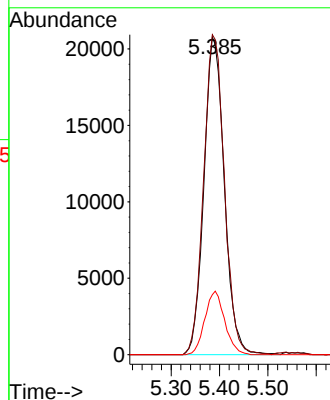
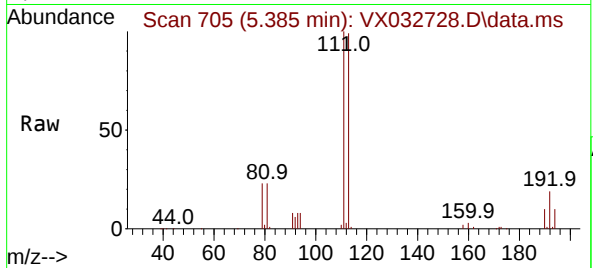




#35
Dibromofluoromethane
Concen: 46.100 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX032728.D
Acq: 10 Nov 2022 15:10

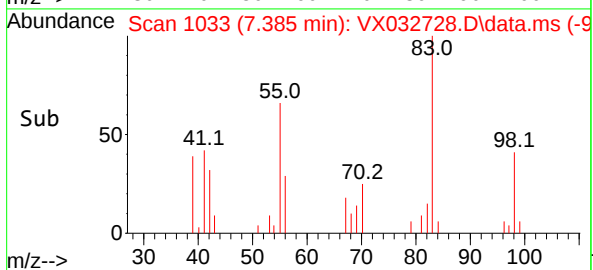
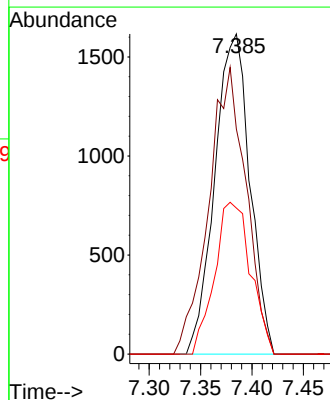
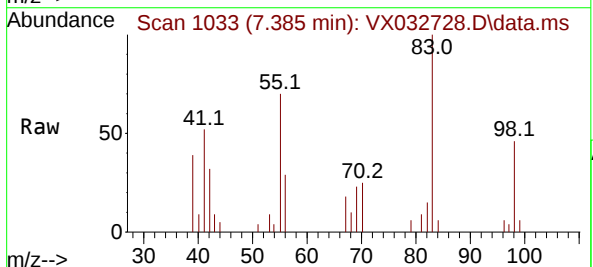
Instrument :
MSVOA_X
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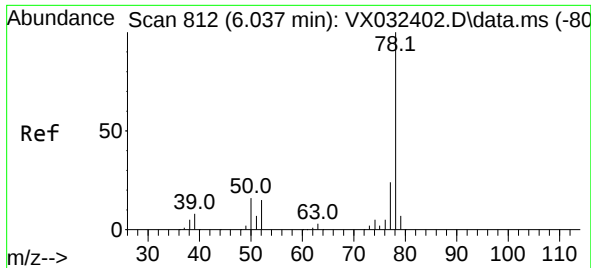
Tgt Ion:113 Resp: 60866
Ion Ratio Lower Upper
113 100
111 102.4 82.4 123.6
192 19.5 15.4 23.2



#39
Methylcyclohexane
Concen: 1.764 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX032728.D
Acq: 10 Nov 2022 15:10

Tgt Ion: 83 Resp: 3838
Ion Ratio Lower Upper
83 100
55 70.3 58.4 87.6
98 45.6 37.2 55.8

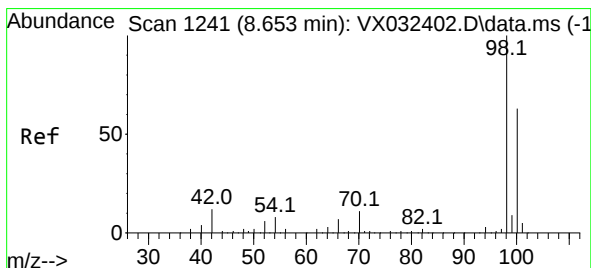
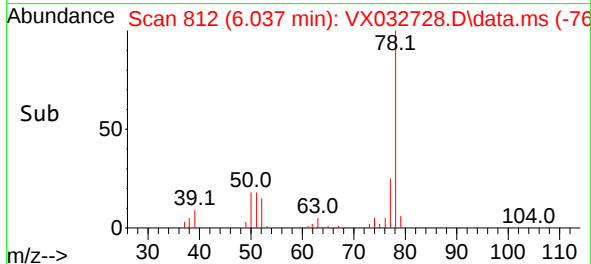
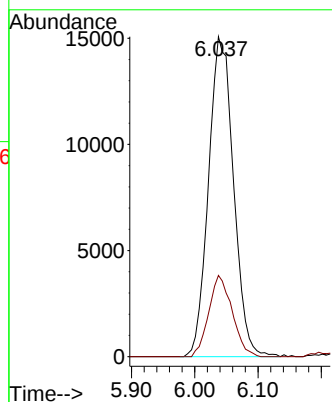
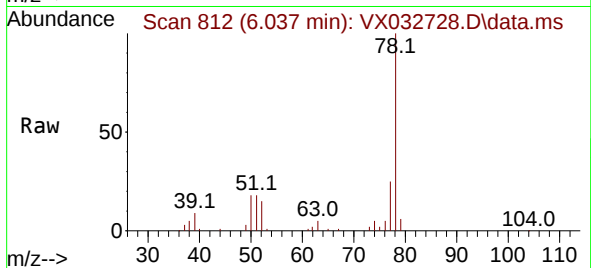




#40
Benzene
Concen: 7.947 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX032728.D
Acq: 10 Nov 2022 15:10

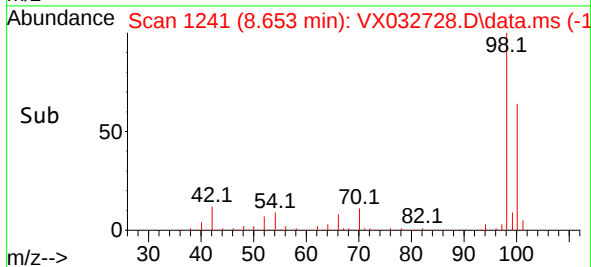
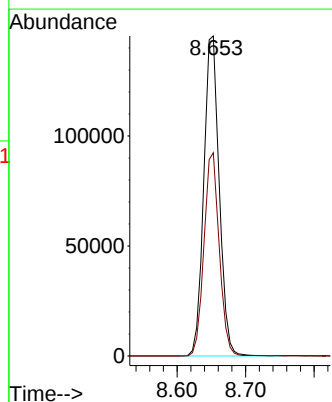
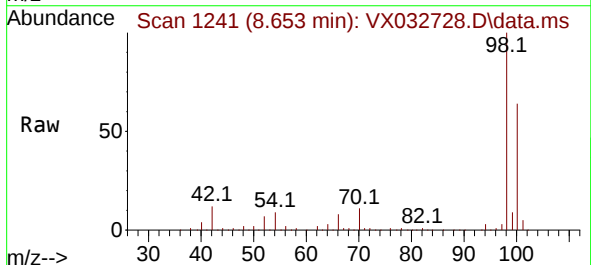
Instrument :
MSVOA_X
ClientSampleId :
MW-21

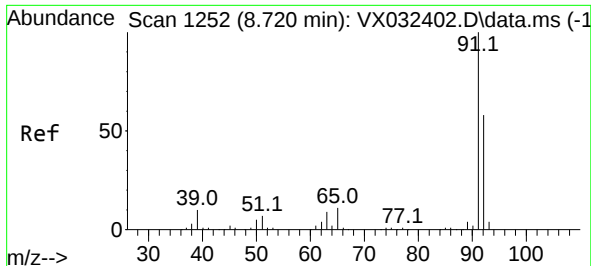
Tgt Ion: 78 Resp: 41345
Ion Ratio Lower Upper
78 100
77 25.4 19.0 28.4



#50
Toluene-d8
Concen: 49.751 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX032728.D
Acq: 10 Nov 2022 15:10

Tgt Ion: 98 Resp: 228406
Ion Ratio Lower Upper
98 100
100 62.8 50.9 76.3

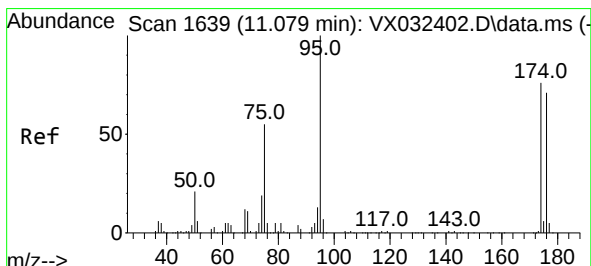
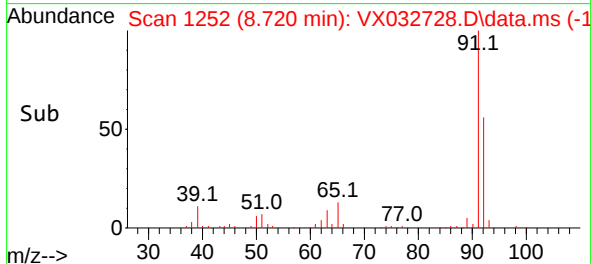
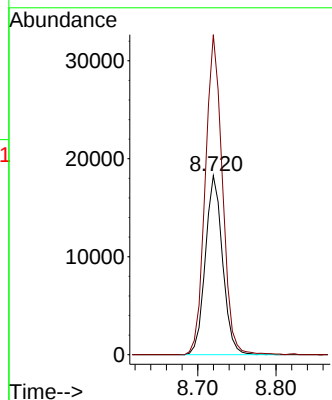
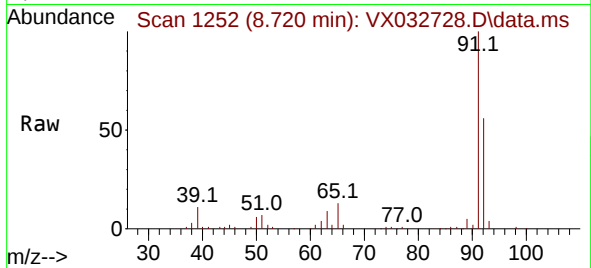




#52
Toluene
Concen: 8.206 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX032728.D
Acq: 10 Nov 2022 15:10

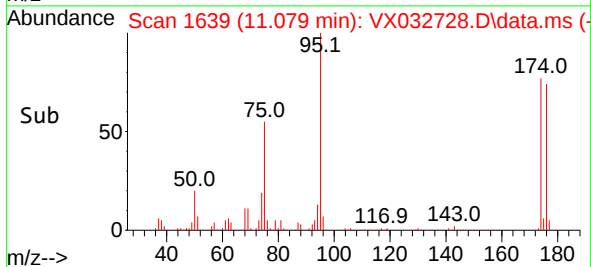
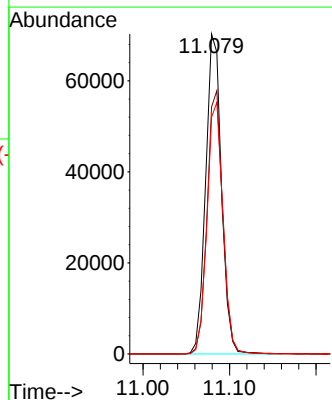
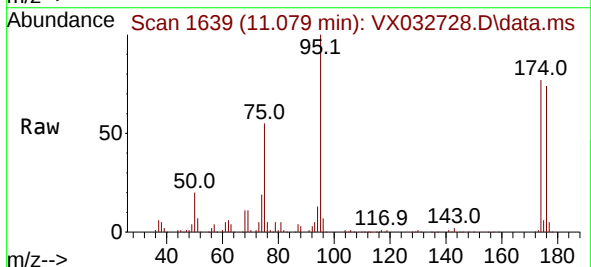
Instrument :
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ClientSampleId :
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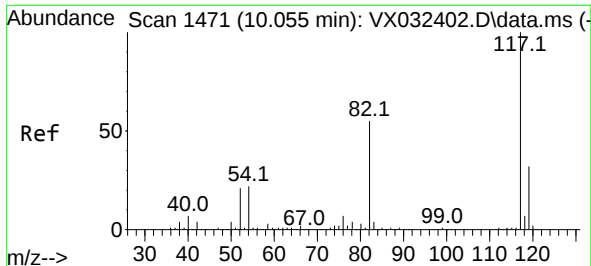
Tgt Ion: 92 Resp: 27854
Ion Ratio Lower Upper
92 100
91 177.7 138.3 207.5



#62
4-Bromofluorobenzene
Concen: 49.624 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX032728.D
Acq: 10 Nov 2022 15:10

Tgt Ion: 95 Resp: 88994
Ion Ratio Lower Upper
95 100
174 81.4 0.0 164.0
176 79.6 0.0 154.4

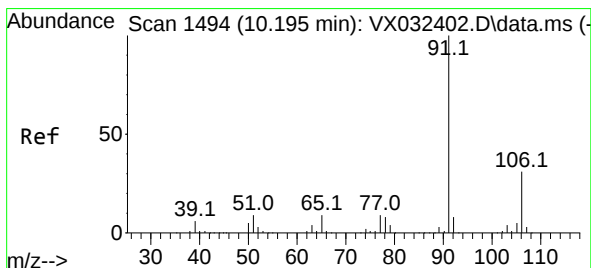
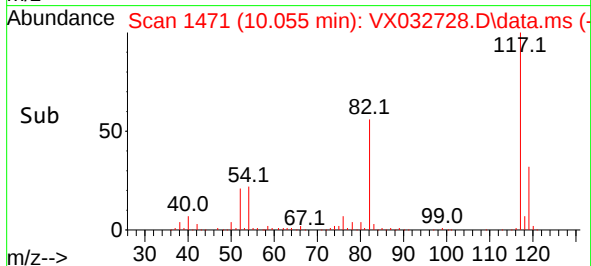
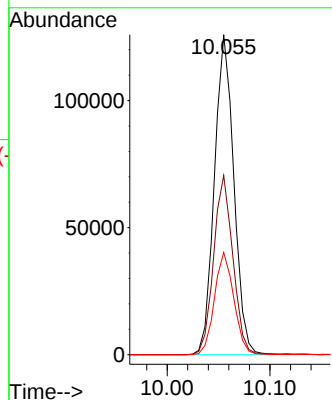
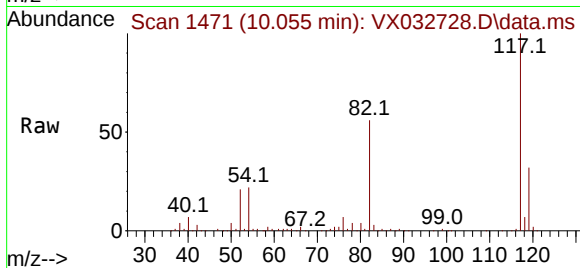




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032728.D
Acq: 10 Nov 2022 15:10

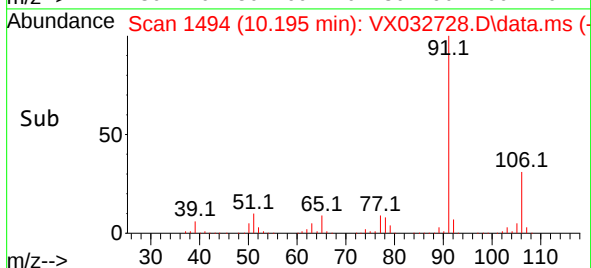
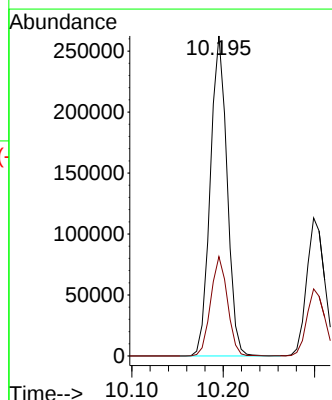
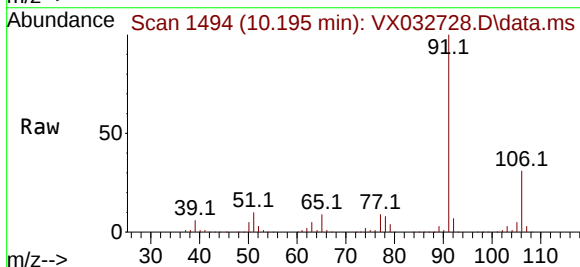
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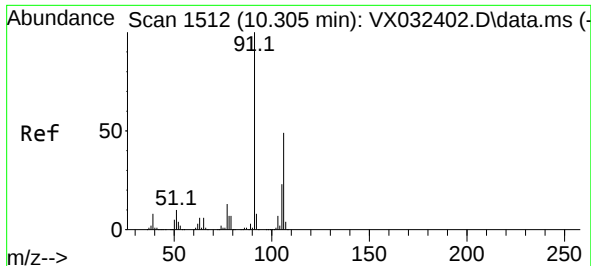
Tgt Ion:117 Resp: 165332
Ion Ratio Lower Upper
117 100
82 56.0 44.3 66.5
119 32.0 25.7 38.5



#67
Ethyl Benzene
Concen: 50.456 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX032728.D
Acq: 10 Nov 2022 15:10

Tgt Ion: 91 Resp: 334157
Ion Ratio Lower Upper
91 100
106 31.1 25.0 37.6

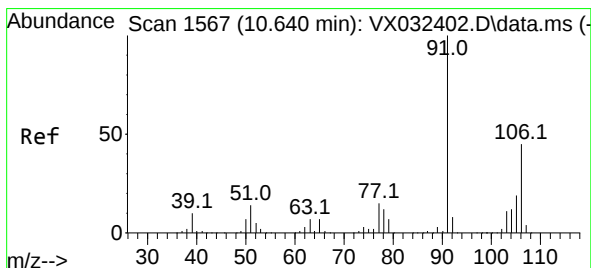
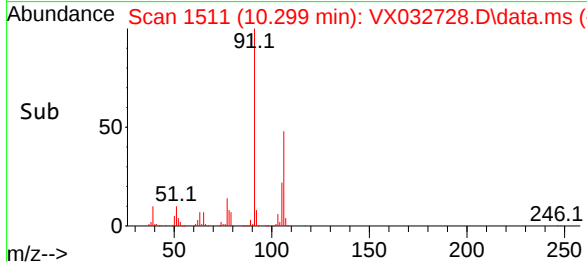
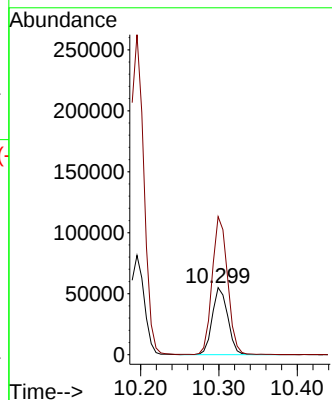
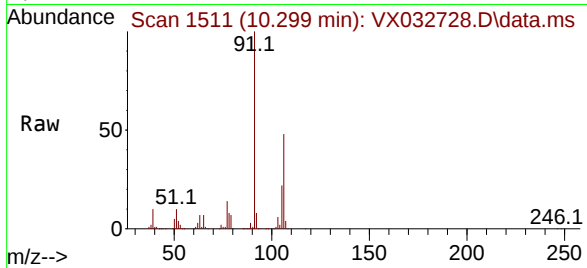




#68
m/p-Xylenes
Concen: 29.344 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX032728.D
Acq: 10 Nov 2022 15:10

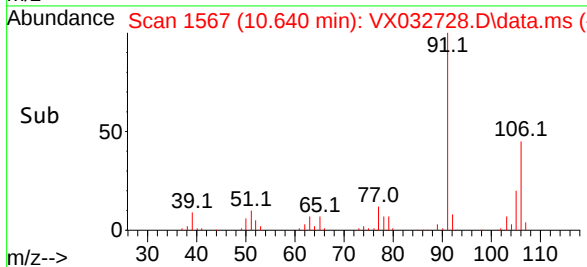
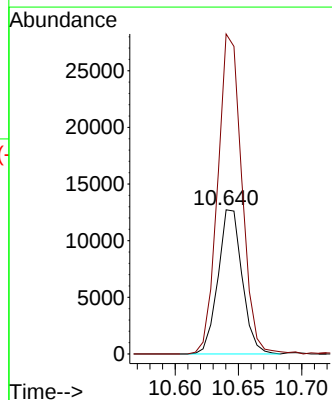
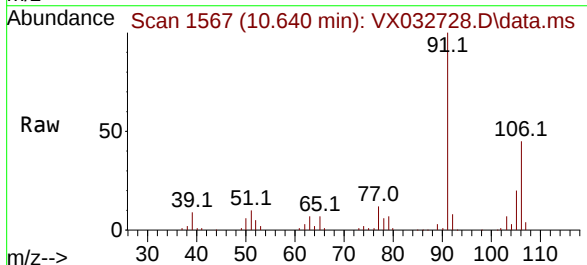
Instrument :
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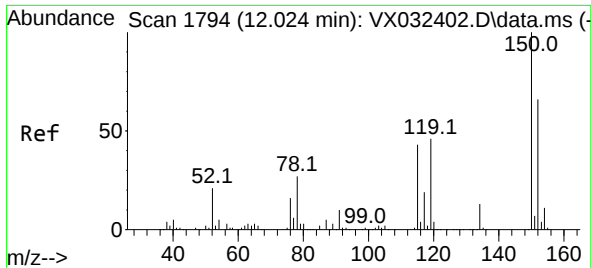
Tgt Ion:106 Resp: 75463
Ion Ratio Lower Upper
106 100
91 204.8 164.5 246.7



#69
o-Xylene
Concen: 6.744 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX032728.D
Acq: 10 Nov 2022 15:10

Tgt Ion:106 Resp: 16862
Ion Ratio Lower Upper
106 100
91 221.6 109.2 327.6

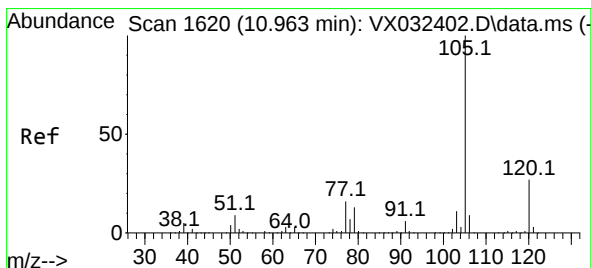
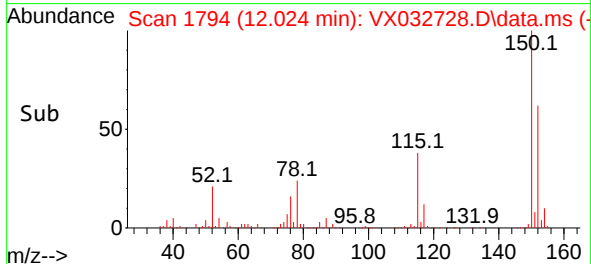
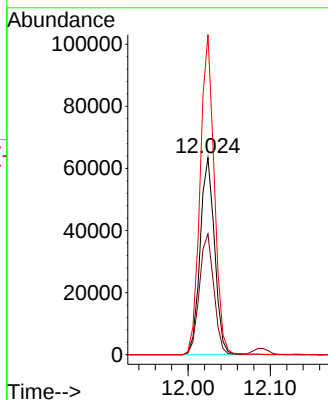
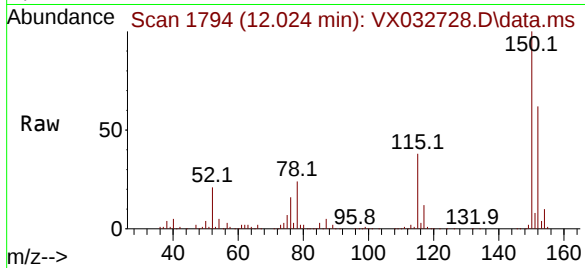




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032728.D
Acq: 10 Nov 2022 15:10

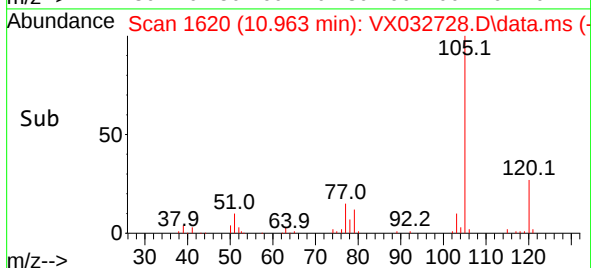
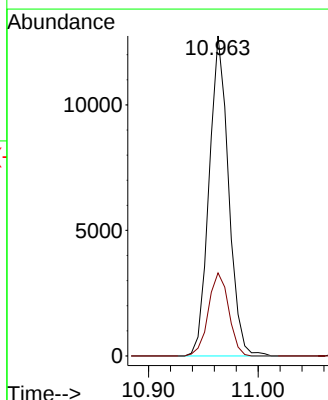
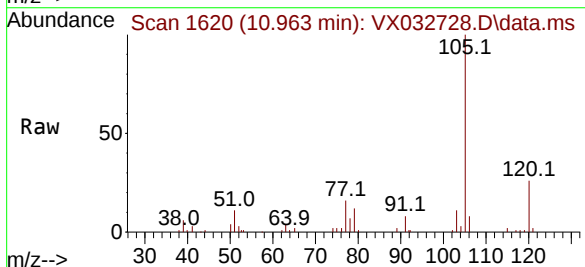
Instrument :
MSVOA_X
ClientSampleId :
MW-21

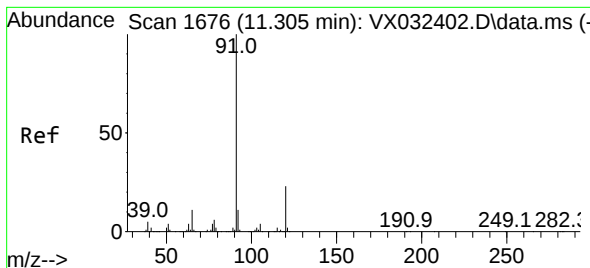
Tgt Ion:152 Resp: 77444
Ion Ratio Lower Upper
152 100
115 61.5 44.0 132.0
150 158.6 0.0 351.8



#73
Isopropylbenzene
Concen: 2.560 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX032728.D
Acq: 10 Nov 2022 15:10

Tgt Ion:105 Resp: 15712
Ion Ratio Lower Upper
105 100
120 27.1 13.1 39.3





#78

n-propylbenzene

Concen: 6.614 ug/l

RT: 11.305 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX032728.D

Acq: 10 Nov 2022 15:10

Instrument :

MSVOA_X

ClientSampleId :

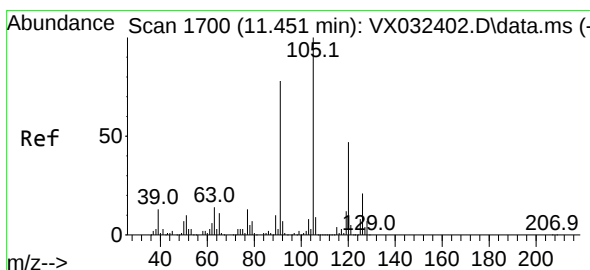
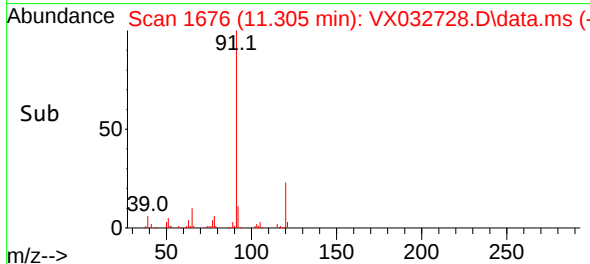
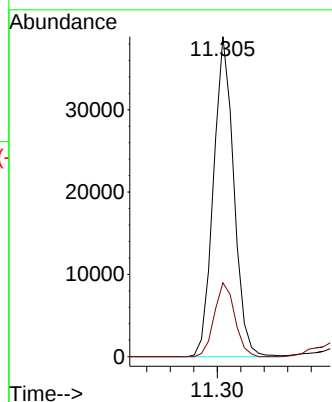
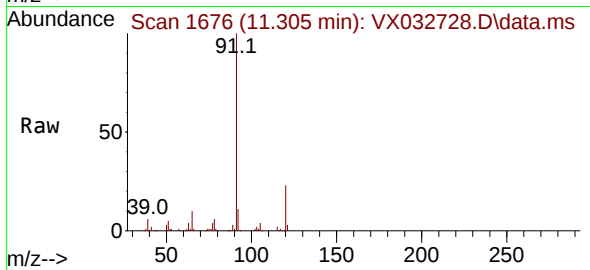
MW-21

Tgt Ion: 91 Resp: 46764

Ion Ratio Lower Upper

91 100

120 23.2 11.6 34.8



#80

1,3,5-Trimethylbenzene

Concen: 1.427 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX032728.D

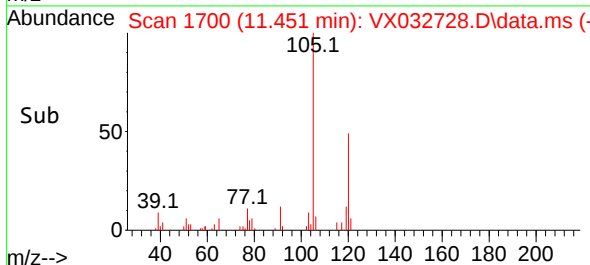
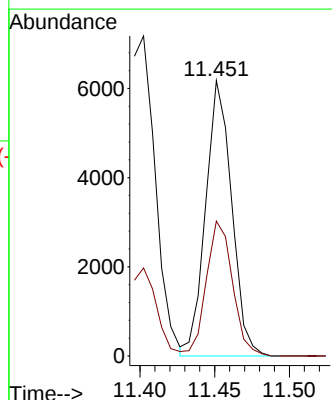
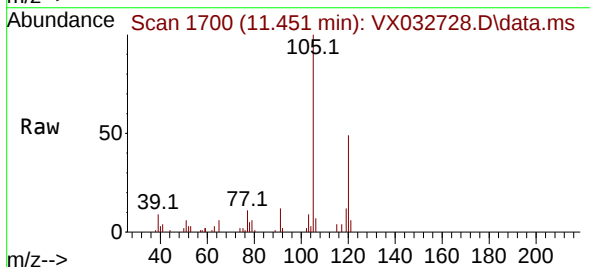
Acq: 10 Nov 2022 15:10

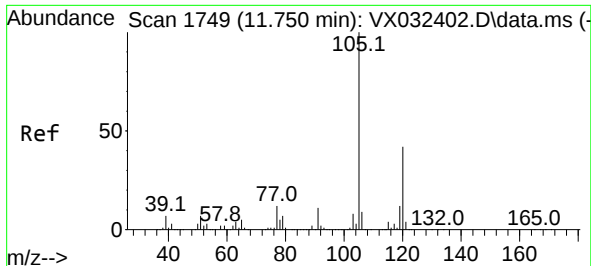
Tgt Ion: 105 Resp: 7486

Ion Ratio Lower Upper

105 100

120 49.4 23.6 71.0

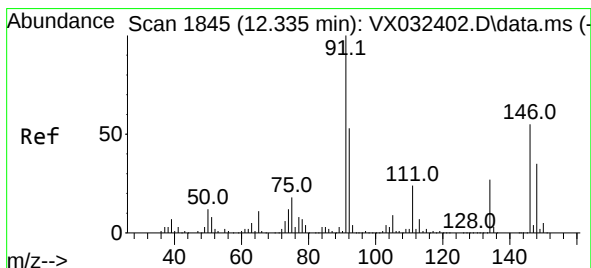
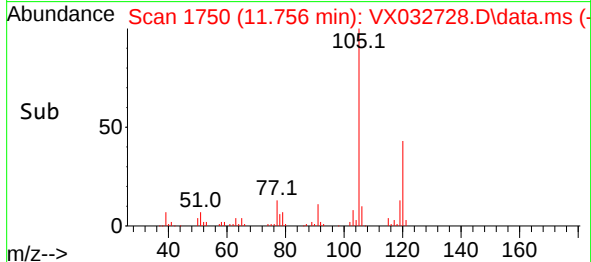
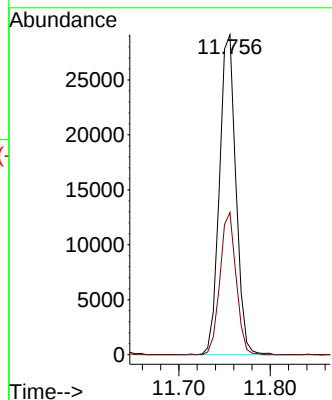
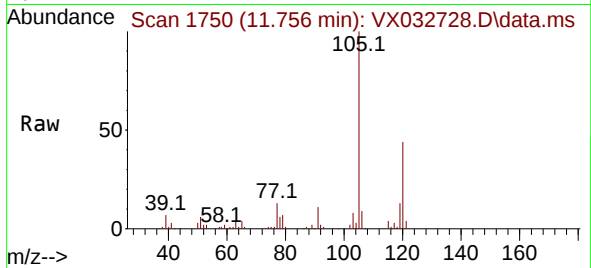




#84
1,2,4-Trimethylbenzene
Concen: 6.996 ug/l
RT: 11.756 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX032728.D
Acq: 10 Nov 2022 15:10

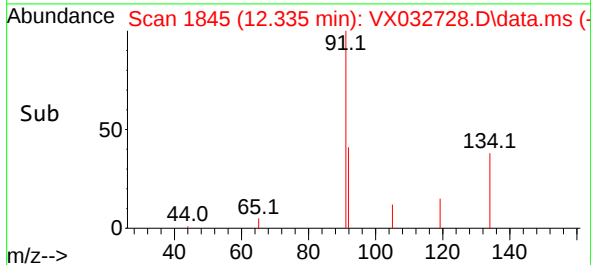
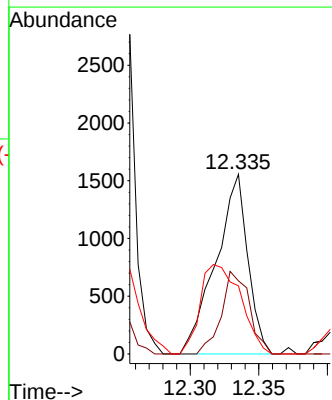
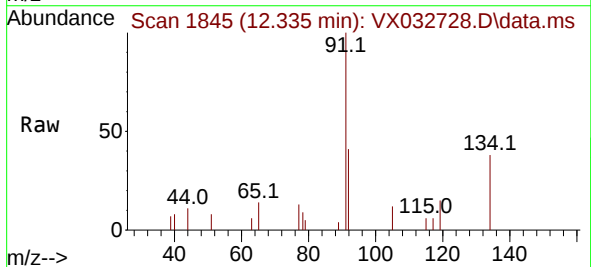
Instrument :
MSVOA_X
ClientSampleId :
MW-21

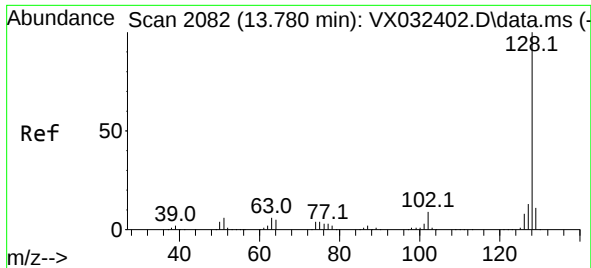
Tgt Ion:105 Resp: 36494
Ion Ratio Lower Upper
105 100
120 43.6 21.9 65.5



#89
n-Butylbenzene
Concen: 0.545 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX032728.D
Acq: 10 Nov 2022 15:10

Tgt Ion: 91 Resp: 2536
Ion Ratio Lower Upper
91 100
92 40.0 26.2 78.6
134 62.7 12.9 38.6#





#95

Naphthalene

Concen: 13.915 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.006 min

Lab File: VX032728.D

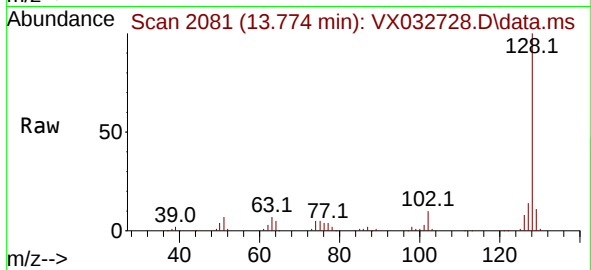
Acq: 10 Nov 2022 15:10

Instrument :

MSVOA_X

ClientSampleId :

MW-21



Tgt Ion:128 Resp: 84600

Ion Ratio Lower Upper

128 100

127 13.3 10.2 15.4

129 11.1 8.9 13.3

