

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080823\
 Data File : VX036875.D
 Acq On : 08 Aug 2023 19:38
 Operator : JC/MD
 Sample : 03903-07ME 10X
 Misc : 7.02g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-07ME

Quant Time: Aug 09 04:20:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

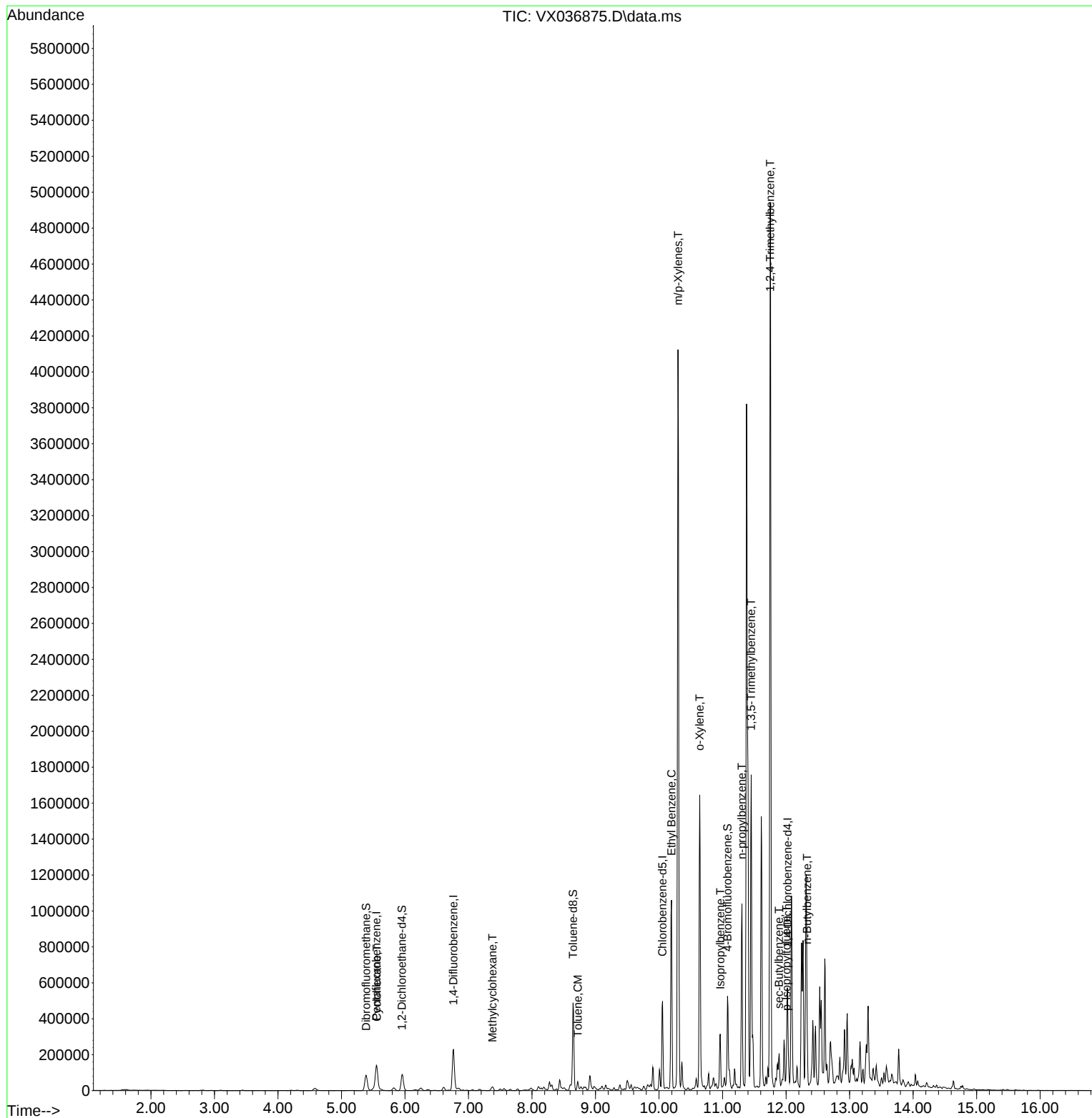
Internal Standards						
1) Pentafluorobenzene	5.550	168	129269	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	237691	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	223121	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	110010	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	90789	47.466	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.940%		
35) Dibromofluoromethane	5.385	113	75238	46.052	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.100%		
50) Toluene-d8	8.647	98	286321	49.420	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.840%		
62) 4-Bromofluorobenzene	11.079	95	114601	52.429	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.860%		
Target Compounds					Qvalue	
31) Cyclohexane	5.556	56	5900m	2.228	ug/l	
39) Methylcyclohexane	7.379	83	9494	3.135	ug/l	92
52) Toluene	8.720	92	17653	3.977	ug/l	98
67) Ethyl Benzene	10.195	91	608188	67.692	ug/l	99
68) m/p-Xylenes	10.299	106	957891	285.744	ug/l	97
69) o-Xylene	10.640	106	350118	104.633	ug/l	99
73) Isopropylbenzene	10.963	105	159725	17.544	ug/l	99
78) n-propylbenzene	11.305	91	624871	59.346	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	727324	95.494	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	2141690	281.171	ug/l	94
85) sec-Butylbenzene	11.890	105	75835	8.127	ug/l	96
86) p-Isopropyltoluene	12.006	119	31274	4.073	ug/l	99
89) n-Butylbenzene	12.329	91	184086	26.783	ug/l #	33

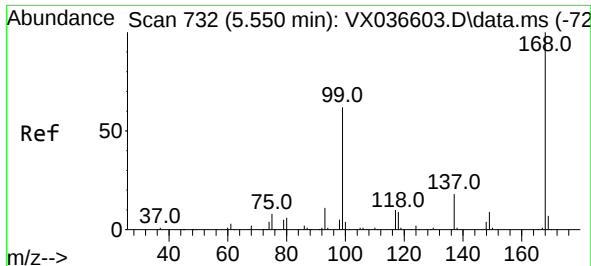
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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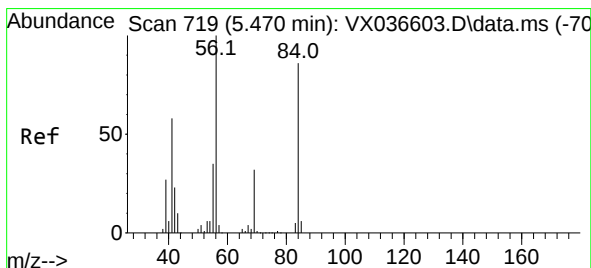
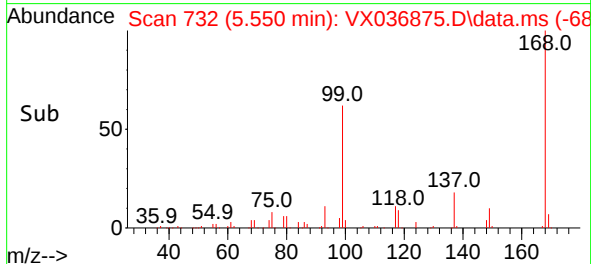
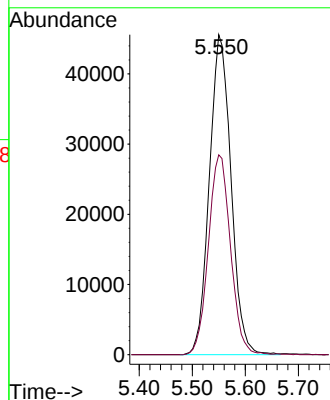
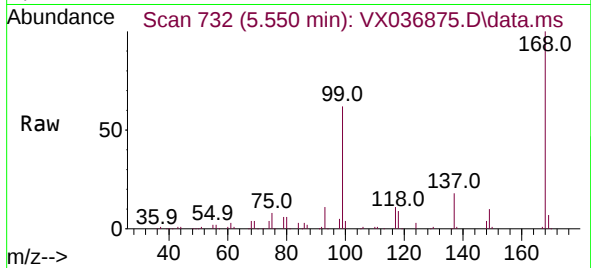




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX036875.D
Acq: 08 Aug 2023 19:38

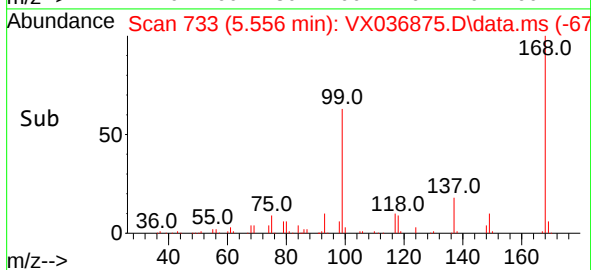
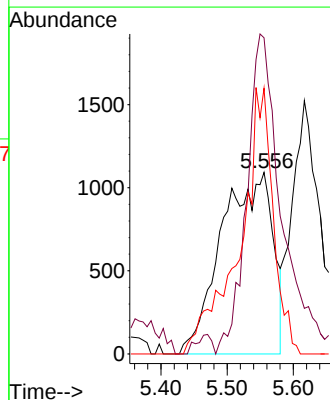
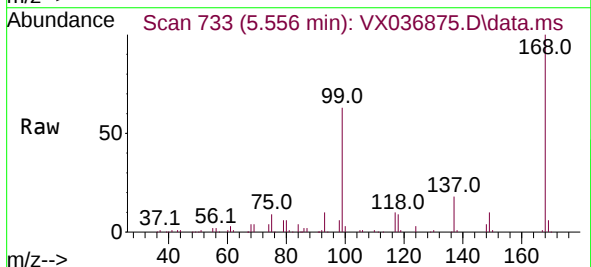
Instrument :
MSVOA_X
ClientSampleId :
MW-07ME

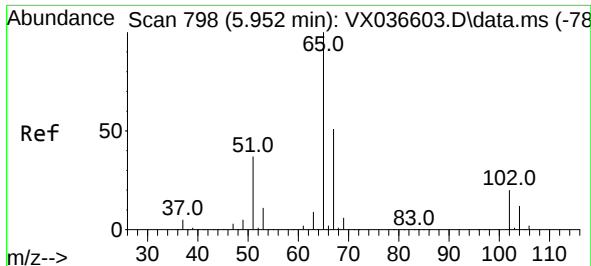
Tgt Ion:168 Resp: 129269
Ion Ratio Lower Upper
168 100
99 62.5 56.6 85.0



#31
Cyclohexane
Concen: 2.228 ug/l m
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX036875.D
Acq: 08 Aug 2023 19:38

Tgt Ion: 56 Resp: 5900
Ion Ratio Lower Upper
56 100
69 174.2 23.4 35.2#
84 146.4 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 47.466 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX036875.D

Acq: 08 Aug 2023 19:38

Instrument :

MSVOA_X

ClientSampleId :

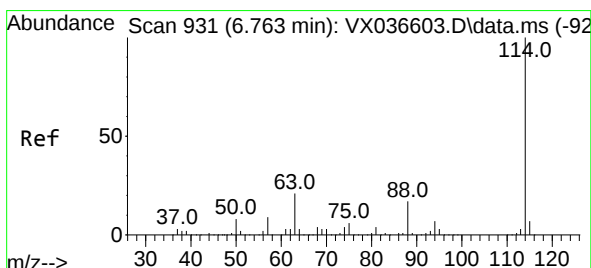
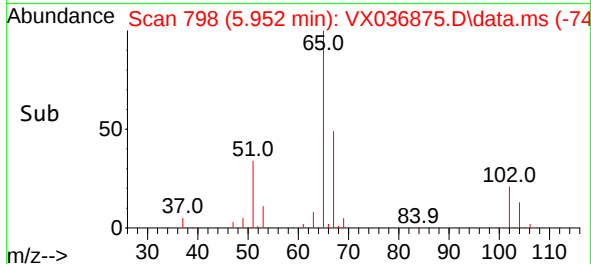
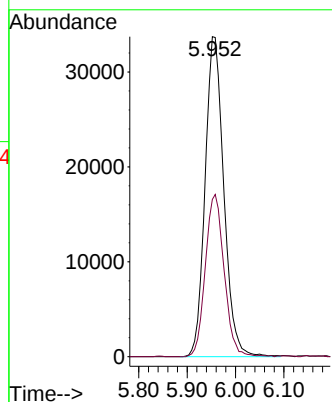
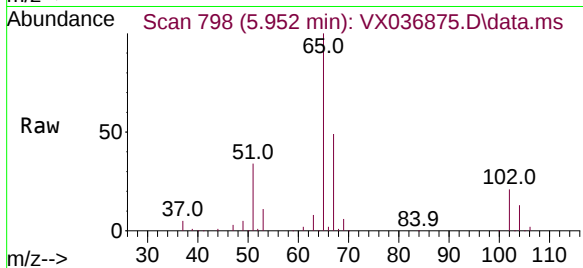
MW-07ME

Tgt Ion: 65 Resp: 90789

Ion Ratio Lower Upper

65 100

67 50.8 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX036875.D

Acq: 08 Aug 2023 19:38

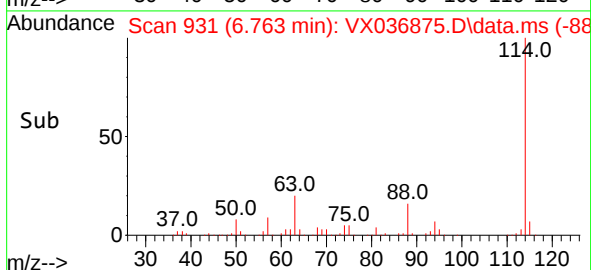
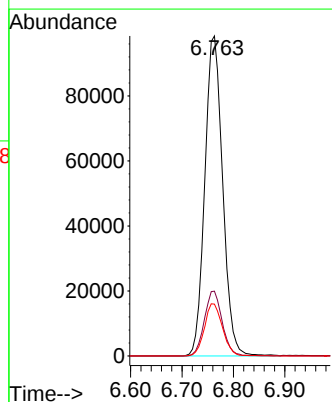
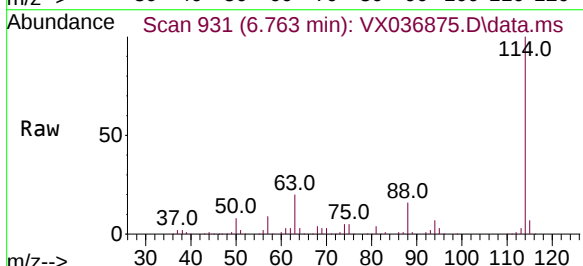
Tgt Ion: 114 Resp: 237691

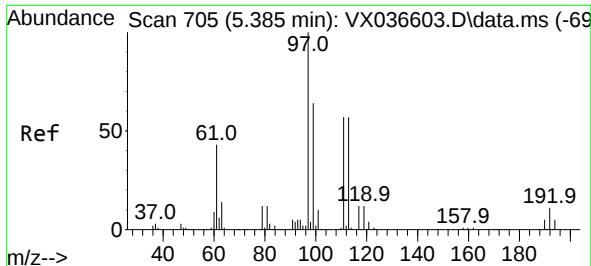
Ion Ratio Lower Upper

114 100

63 20.3 0.0 45.0

88 16.2 0.0 36.6

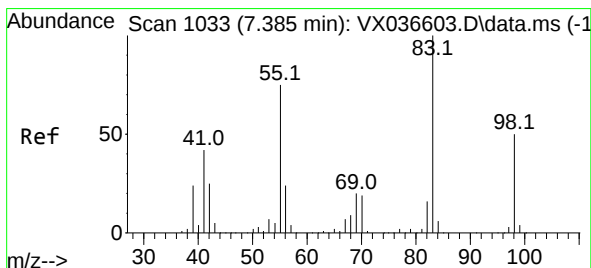
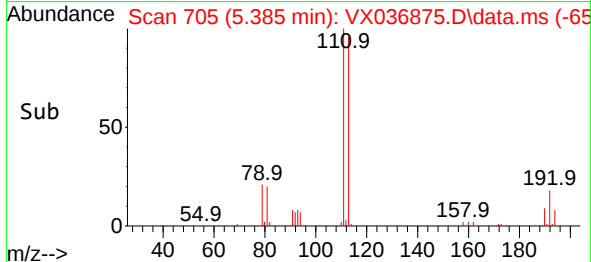
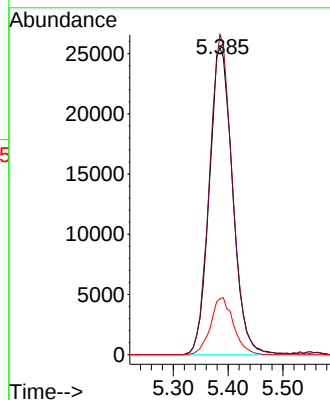
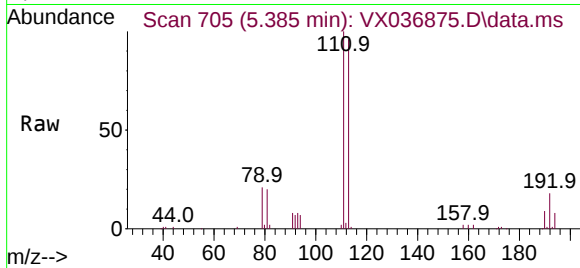




#35
Dibromofluoromethane
Concen: 46.052 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX036875.D
Acq: 08 Aug 2023 19:38

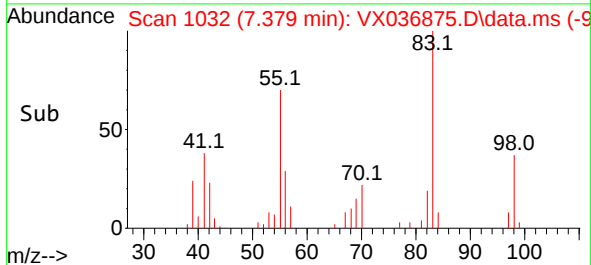
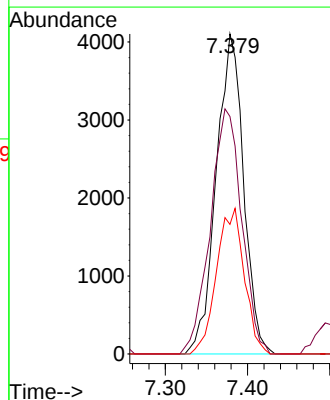
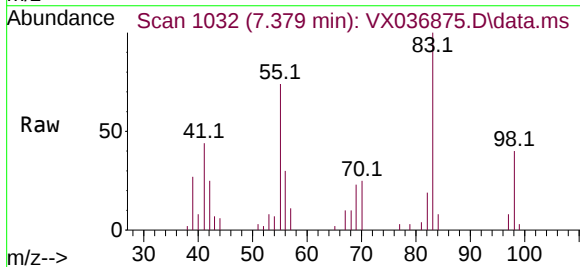
Instrument :
MSVOA_X
ClientSampleId :
MW-07ME

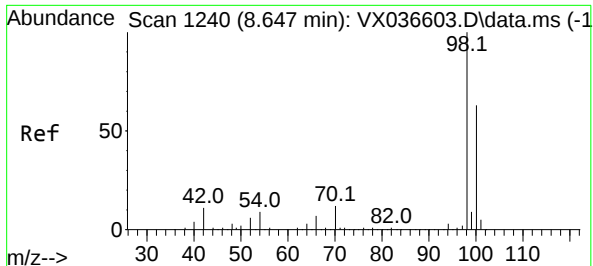
Tgt Ion:113 Resp: 75238
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 18.2 13.3 19.9



#39
Methylcyclohexane
Concen: 3.135 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX036875.D
Acq: 08 Aug 2023 19:38

Tgt Ion: 83 Resp: 9494
Ion Ratio Lower Upper
83 100
55 74.2 64.6 97.0
98 40.5 36.7 55.1





#50

Toluene-d8

Concen: 49.420 ug/l

RT: 8.647 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX036875.D

Acq: 08 Aug 2023 19:38

Instrument :

MSVOA_X

ClientSampleId :

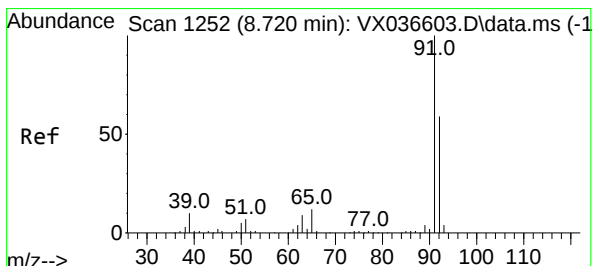
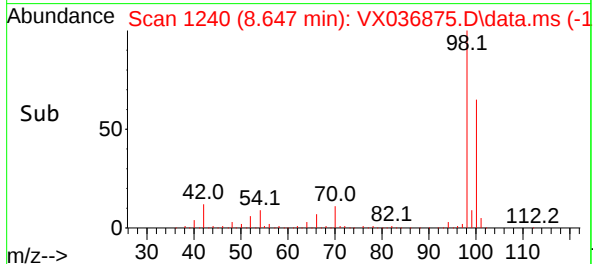
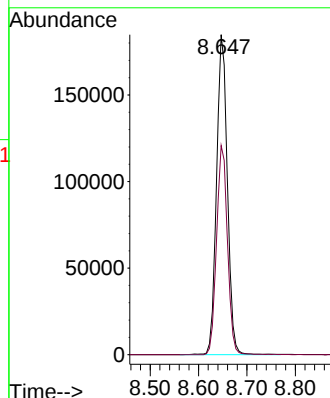
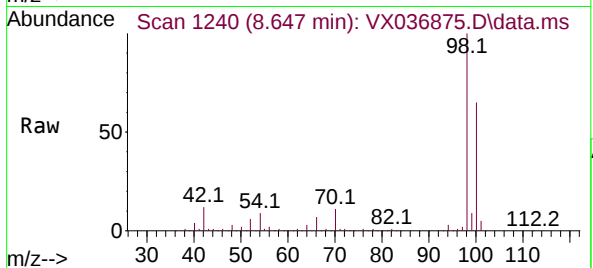
MW-07ME

Tgt Ion: 98 Resp: 286321

Ion Ratio Lower Upper

98 100

100 65.7 53.1 79.7



#52

Toluene

Concen: 3.977 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX036875.D

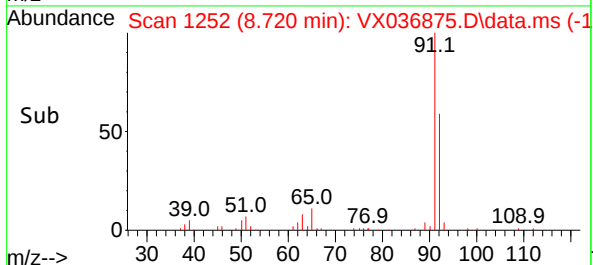
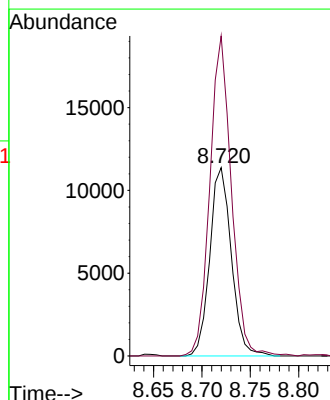
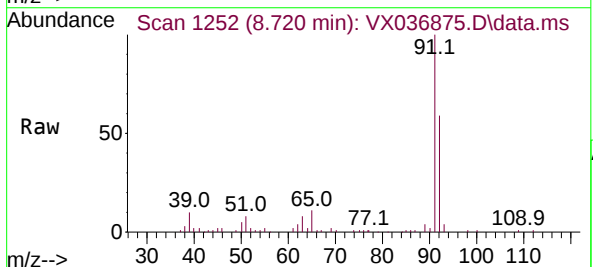
Acq: 08 Aug 2023 19:38

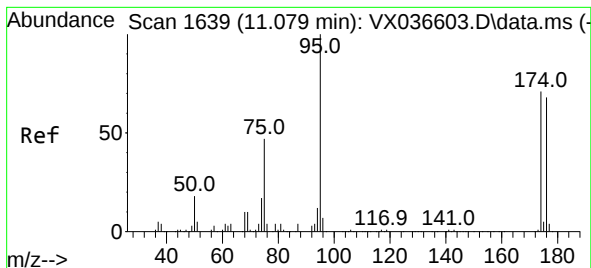
Tgt Ion: 92 Resp: 17653

Ion Ratio Lower Upper

92 100

91 169.7 134.2 201.2

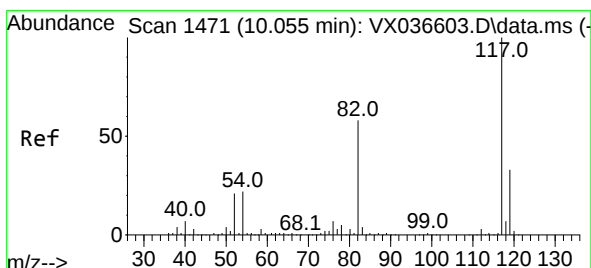
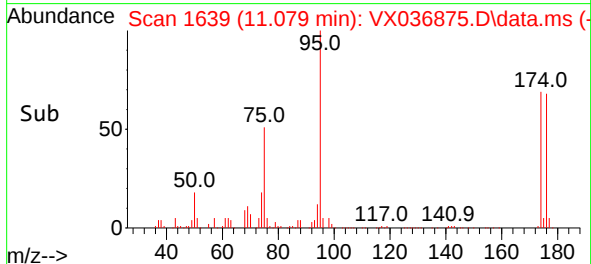
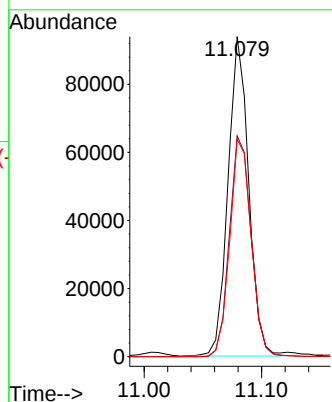
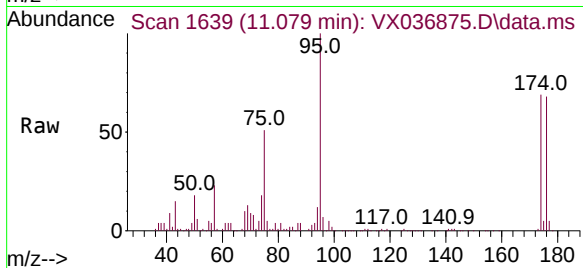




#62
4-Bromofluorobenzene
Concen: 52.429 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX036875.D
Acq: 08 Aug 2023 19:38

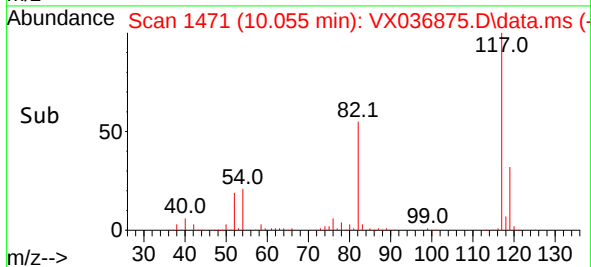
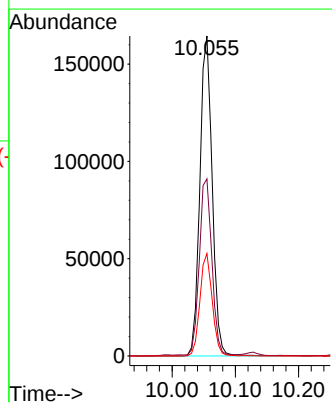
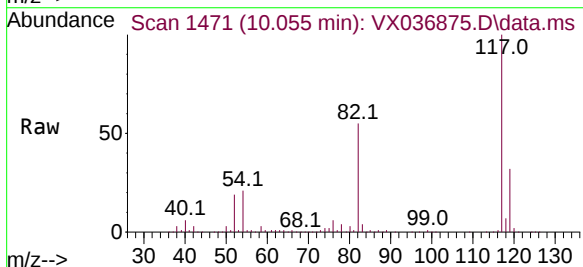
Instrument :
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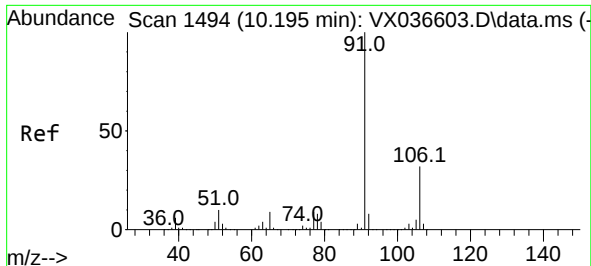
Tgt Ion: 95 Resp: 114601
Ion Ratio Lower Upper
95 100
174 72.6 0.0 135.6
176 70.8 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036875.D
Acq: 08 Aug 2023 19:38

Tgt Ion: 117 Resp: 223121
Ion Ratio Lower Upper
117 100
82 55.2 46.2 69.4
119 32.0 25.5 38.3

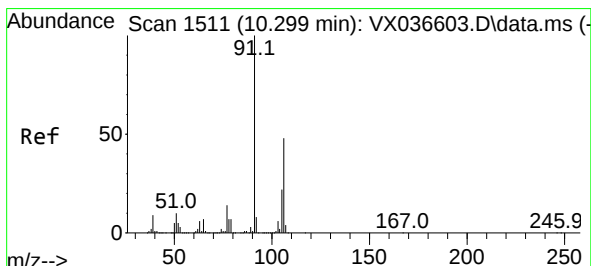
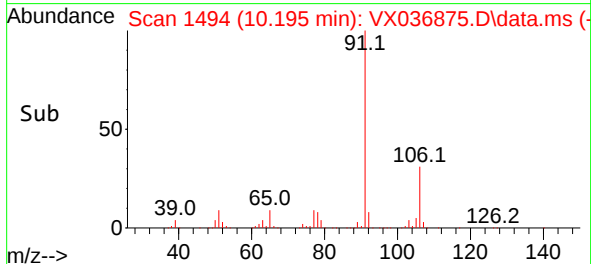
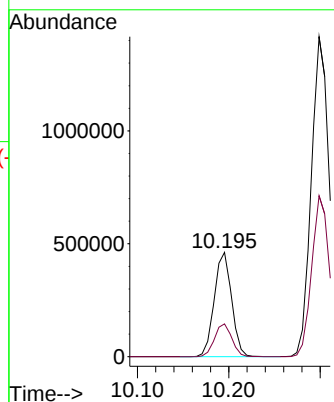
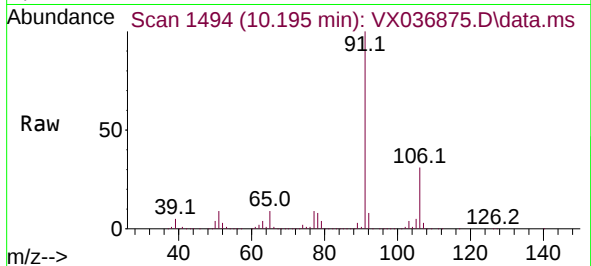




#67
Ethyl Benzene
Concen: 67.692 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX036875.D
Acq: 08 Aug 2023 19:38

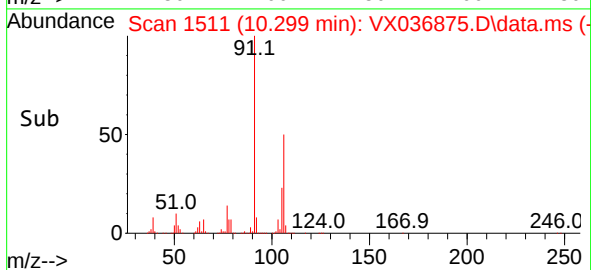
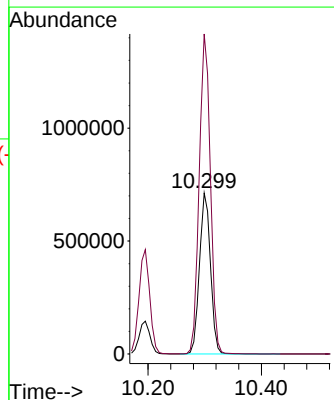
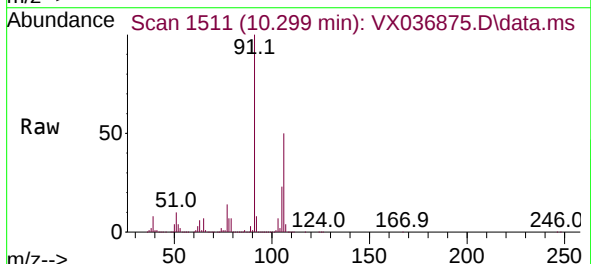
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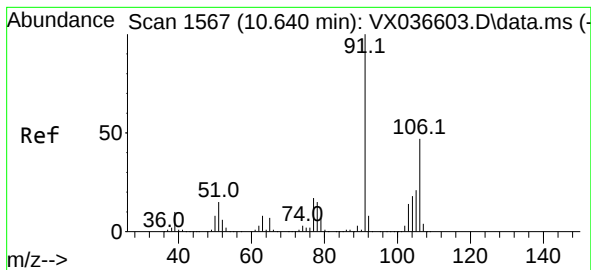
Tgt Ion: 91 Resp: 608188
Ion Ratio Lower Upper
91 100
106 31.5 24.9 37.3



#68
m/p-Xylenes
Concen: 285.744 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX036875.D
Acq: 08 Aug 2023 19:38

Tgt Ion: 106 Resp: 957891
Ion Ratio Lower Upper
106 100
91 201.6 165.5 248.3

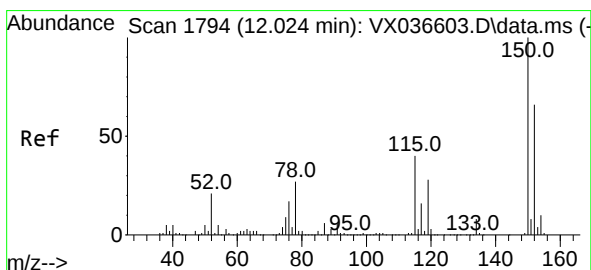
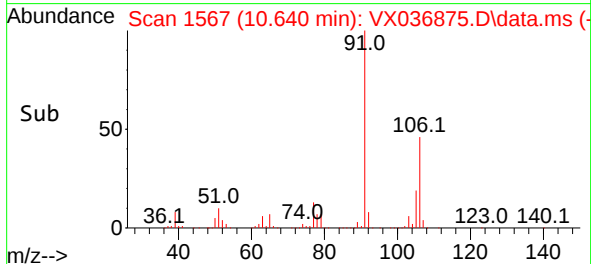
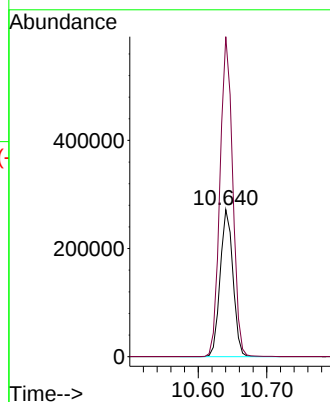
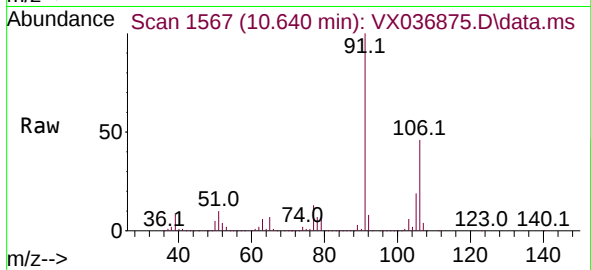




#69
o-Xylene
Concen: 104.633 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036875.D
Acq: 08 Aug 2023 19:38

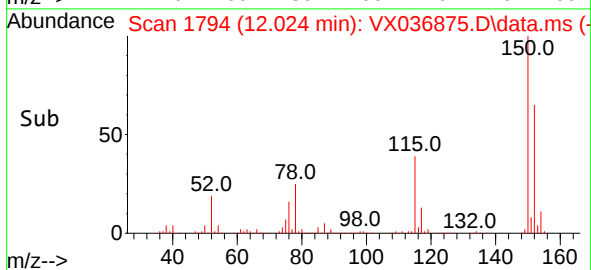
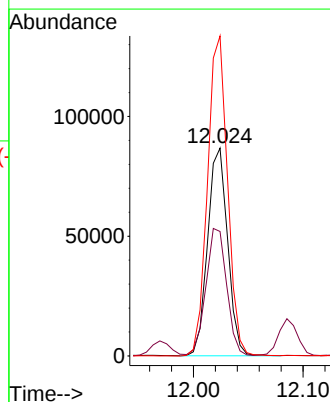
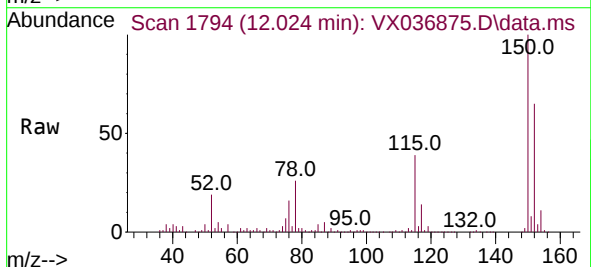
Instrument :
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ClientSampleId :
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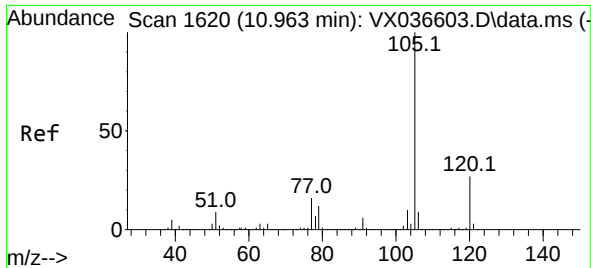
Tgt Ion:106 Resp: 350118
Ion Ratio Lower Upper
106 100
91 215.8 108.9 326.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX036875.D
Acq: 08 Aug 2023 19:38

Tgt Ion:152 Resp: 110010
Ion Ratio Lower Upper
152 100
115 63.7 43.3 129.9
150 153.9 0.0 345.0

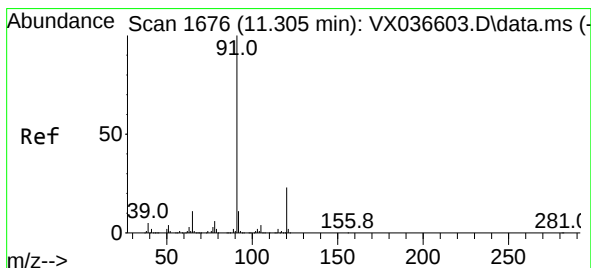
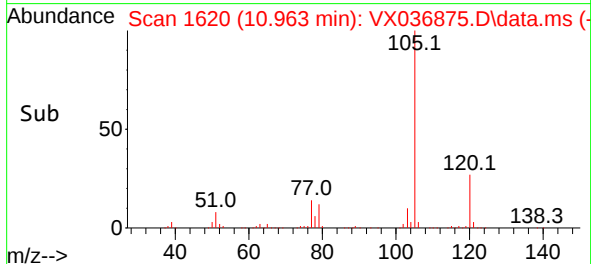
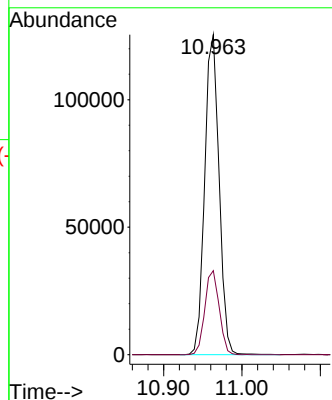
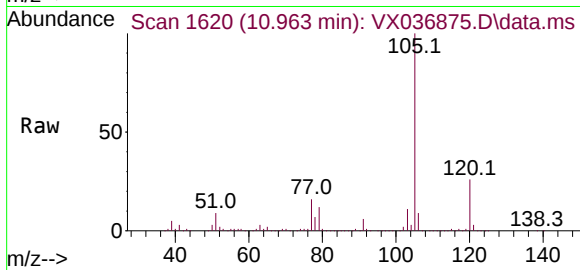




#73
Isopropylbenzene
Concen: 17.544 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX036875.D
Acq: 08 Aug 2023 19:38

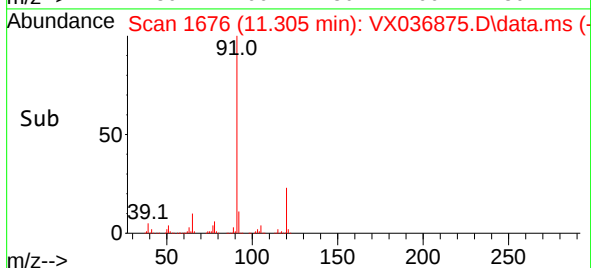
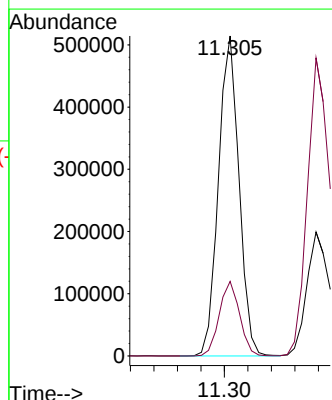
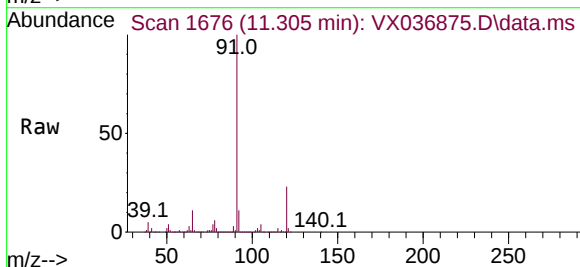
Instrument :
MSVOA_X
ClientSampleId :
MW-07ME

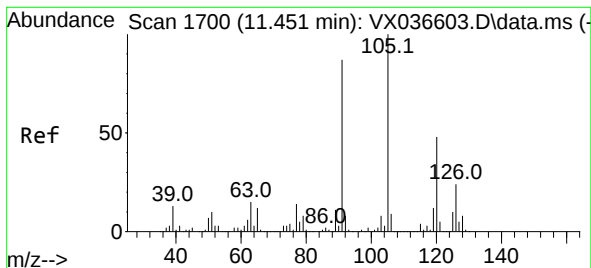
Tgt Ion:105 Resp: 159725
Ion Ratio Lower Upper
105 100
120 26.2 12.9 38.6



#78
n-propylbenzene
Concen: 59.346 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX036875.D
Acq: 08 Aug 2023 19:38

Tgt Ion: 91 Resp: 624871
Ion Ratio Lower Upper
91 100
120 23.1 11.5 34.4





#80

1,3,5-Trimethylbenzene

Concen: 95.494 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX036875.D

Acq: 08 Aug 2023 19:38

Instrument :

MSVOA_X

ClientSampleId :

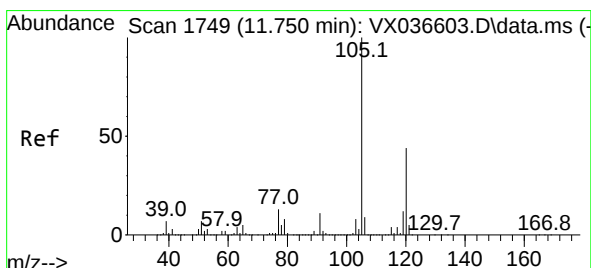
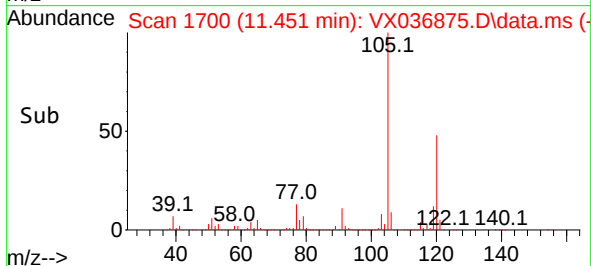
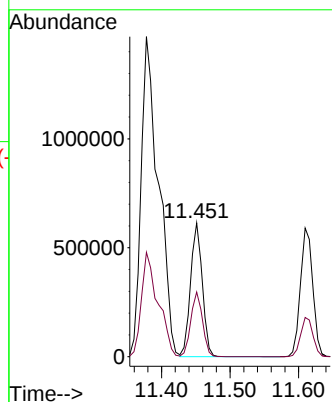
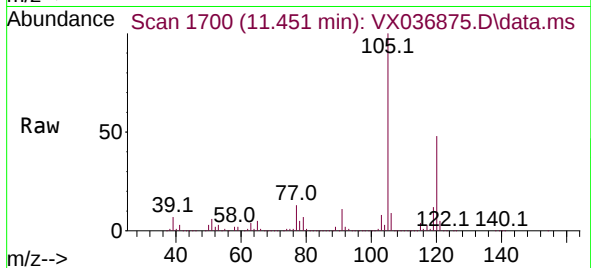
MW-07ME

Tgt Ion:105 Resp: 727324

Ion Ratio Lower Upper

105 100

120 48.0 24.1 72.3



#84

1,2,4-Trimethylbenzene

Concen: 281.171 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX036875.D

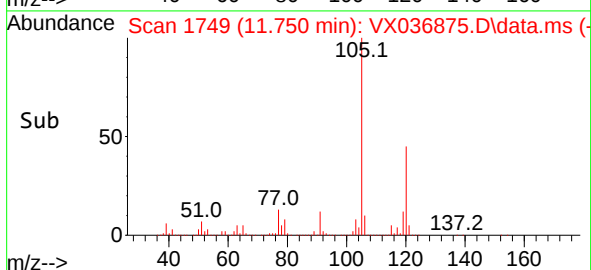
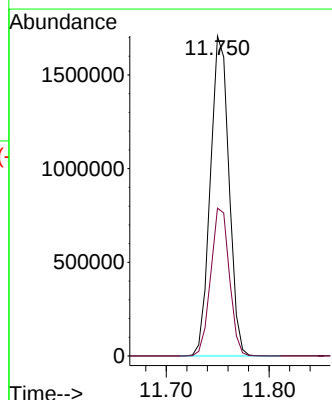
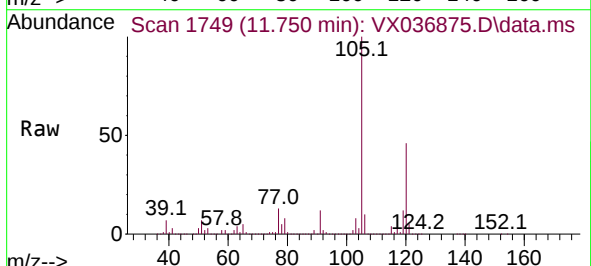
Acq: 08 Aug 2023 19:38

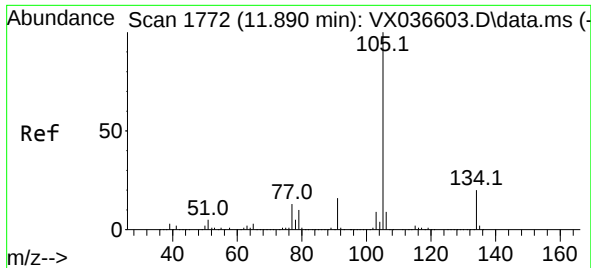
Tgt Ion:105 Resp: 2141690

Ion Ratio Lower Upper

105 100

120 46.3 21.2 63.6

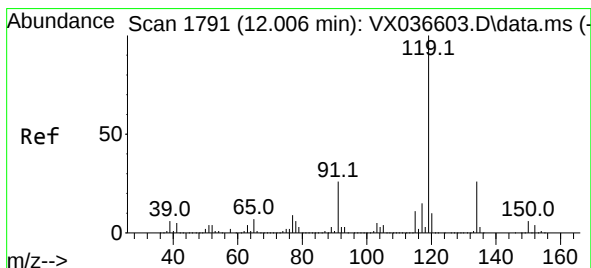
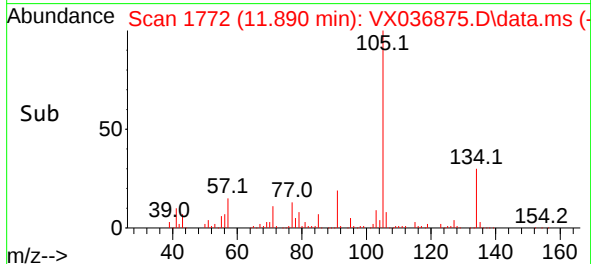
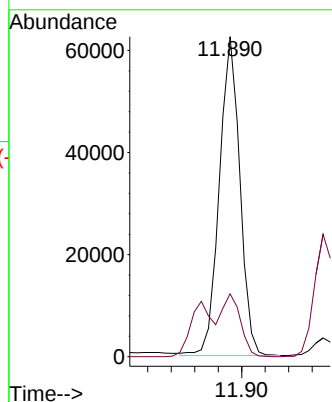
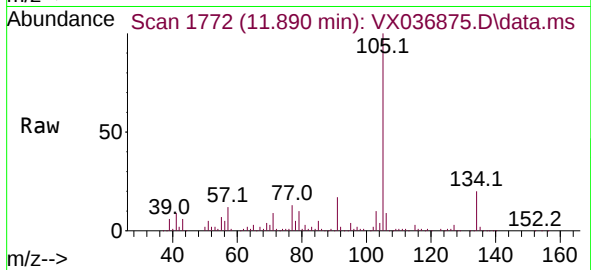




#85
sec-Butylbenzene
Concen: 8.127 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX036875.D
Acq: 08 Aug 2023 19:38

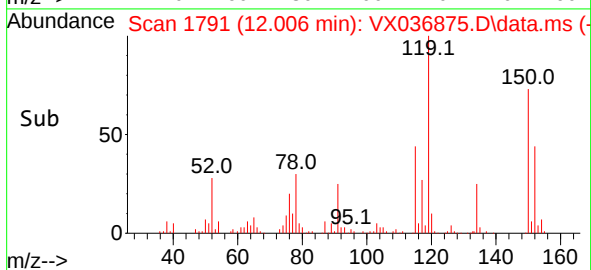
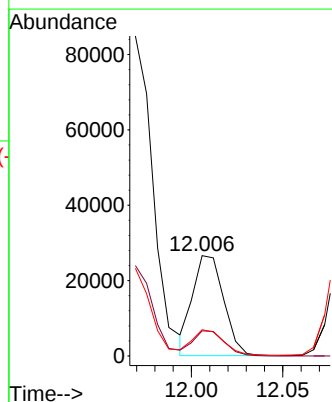
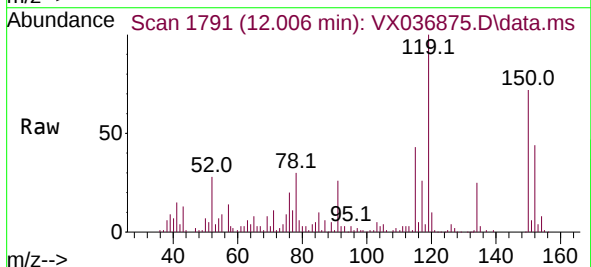
Instrument :
MSVOA_X
ClientSampleId :
MW-07ME

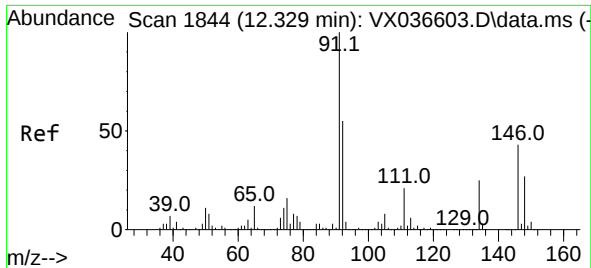
Tgt Ion:105 Resp: 75835
Ion Ratio Lower Upper
105 100
134 17.7 9.8 29.4



#86
p-Isopropyltoluene
Concen: 4.073 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX036875.D
Acq: 08 Aug 2023 19:38

Tgt Ion:119 Resp: 31274
Ion Ratio Lower Upper
119 100
134 25.6 12.8 38.3
91 25.2 13.1 39.3





#89
 n-Butylbenzene
 Concen: 26.783 ug/l
 RT: 12.329 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX036875.D
 Acq: 08 Aug 2023 19:38

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-07ME

Tgt Ion: 91	Resp: 184086
Ion Ratio	Lower Upper
91	100
92	33.6 27.4 82.0
134	100.5 12.6 37.8#

