

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041323\
 Data File : VX035050.D
 Acq On : 12 Apr 2023 17:01
 Operator : JC/MD
 Sample : 02286-03
 Misc : 1.07g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 3134

Quant Time: Apr 13 02:37:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

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

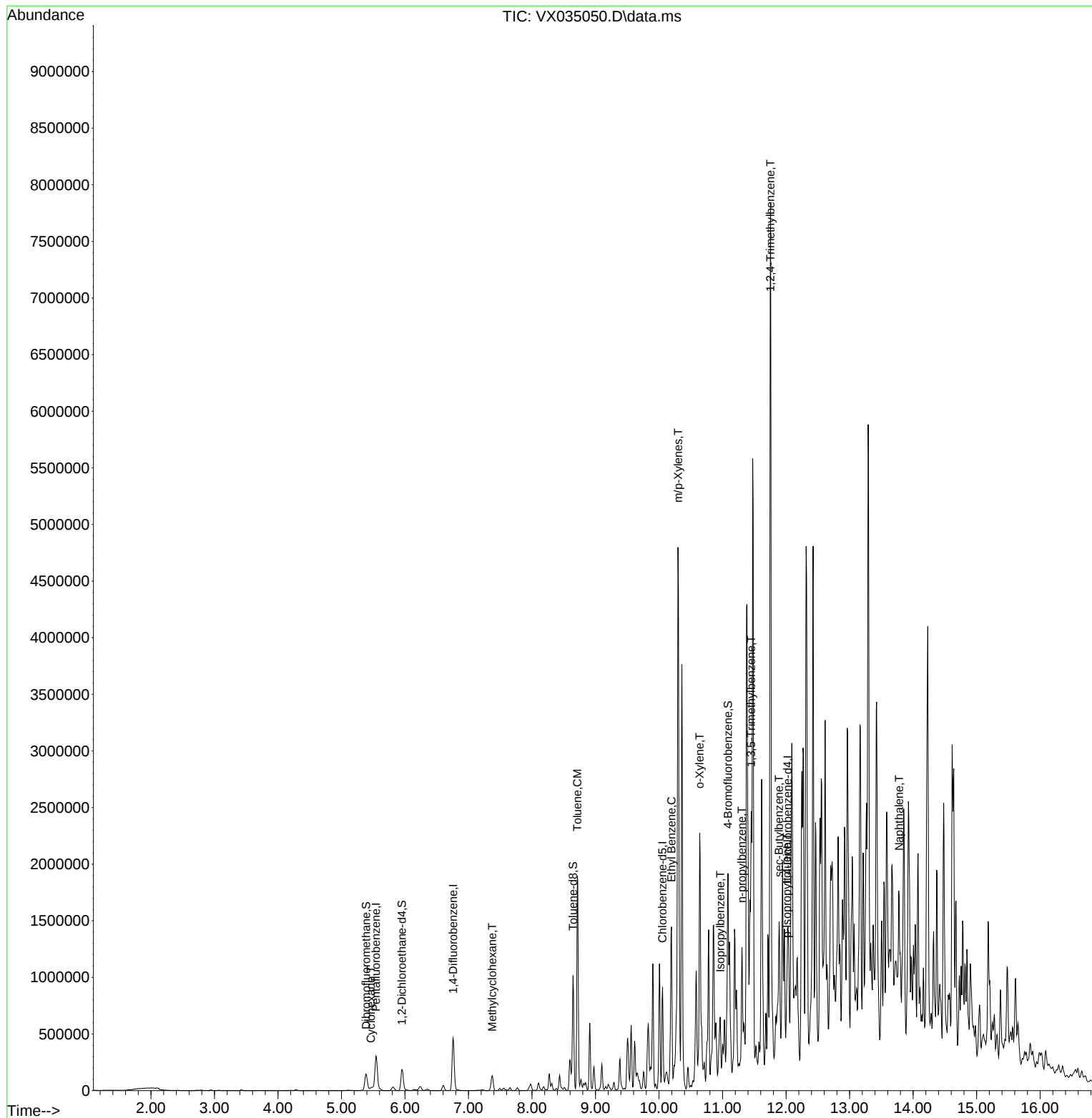
Internal Standards						
1) Pentafluorobenzene	5.544	168	283211	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	472612	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	411894	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	182503	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	189588	43.772	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	87.540%		
35) Dibromofluoromethane	5.385	113	129422	41.402	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	82.800%		
50) Toluene-d8	8.647	98	567105	49.151	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.300%		
62) 4-Bromofluorobenzene	11.085	95	207913	46.566	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.140%		
Target Compounds						
					Qvalue	
31) Cyclohexane	5.464	56	18618	3.530	ug/l	89
39) Methylcyclohexane	7.373	83	58821	11.961	ug/l	91
52) Toluene	8.714	92	731079	84.341	ug/l	98
67) Ethyl Benzene	10.195	91	691743	44.557	ug/l	98
68) m/p-Xylenes	10.299	106	1080647	182.222	ug/l	99
69) o-Xylene	10.640	106	479373	82.514	ug/l	99
73) Isopropylbenzene	10.963	105	224870	16.821	ug/l	99
78) n-propylbenzene	11.305	91	689438	44.644	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	838036	74.976	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	3177006	279.499	ug/l	97
85) sec-Butylbenzene	11.890	105	282040	22.088	ug/l	85
86) p-Isopropyltoluene	12.012	119	161027	15.123	ug/l	98
95) Naphthalene	13.780	128	781176	64.338	ug/l	97

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

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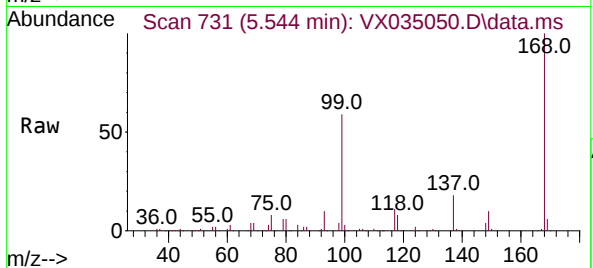
Quant Time: Apr 13 02:37:39 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
Quant Title : SW846 8260
QLast Update : Sat Apr 01 01:50:18 2023
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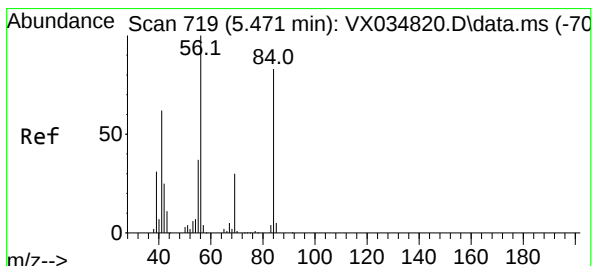
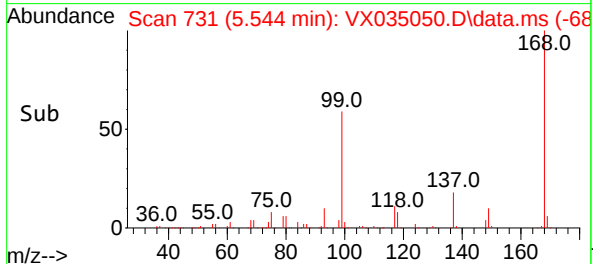
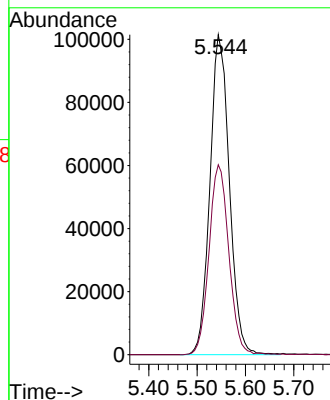


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX035050.D
Acq: 12 Apr 2023 17:01

Instrument :
MSVOA_X
ClientSampleId :
3134

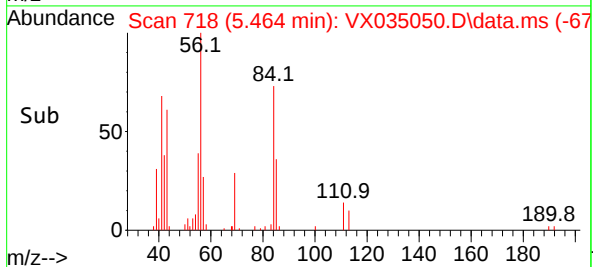
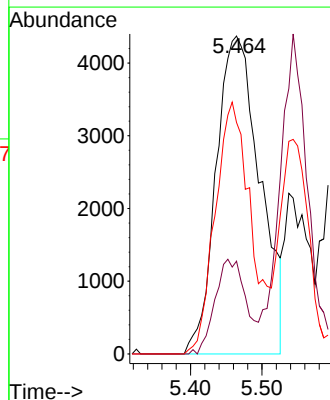
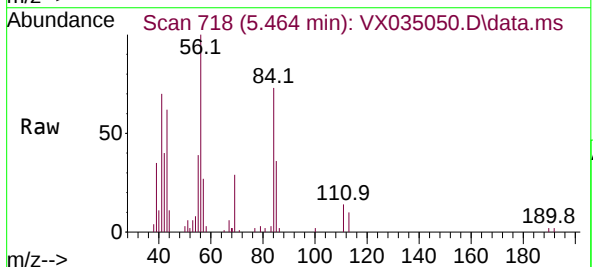


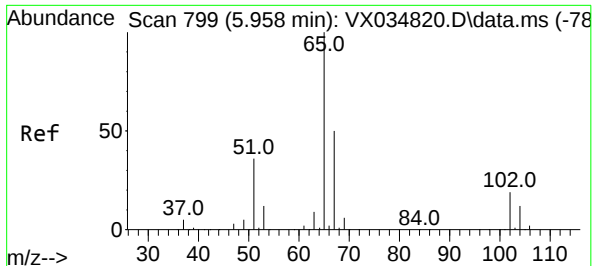
Tgt Ion:168 Resp: 283211
Ion Ratio Lower Upper
168 100
99 59.3 45.7 68.5



#31
Cyclohexane
Concen: 3.530 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX035050.D
Acq: 12 Apr 2023 17:01

Tgt Ion: 56 Resp: 18618
Ion Ratio Lower Upper
56 100
69 29.2 23.7 35.5
84 72.8 68.5 102.7





#33

1,2-Dichloroethane-d4

Concen: 43.772 ug/l

RT: 5.952 min Scan# 79

Delta R.T. -0.006 min

Lab File: VX035050.D

Acq: 12 Apr 2023 17:01

Instrument :

MSVOA_X

ClientSampleId :

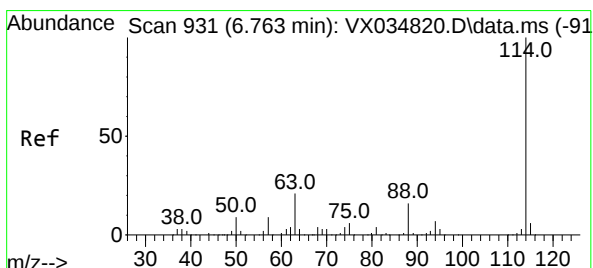
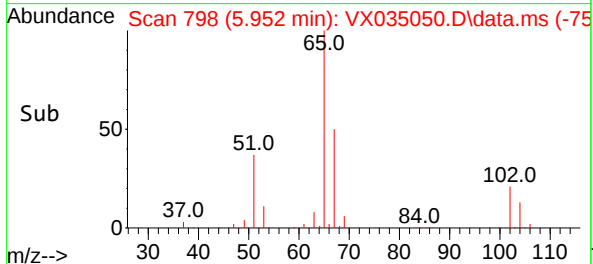
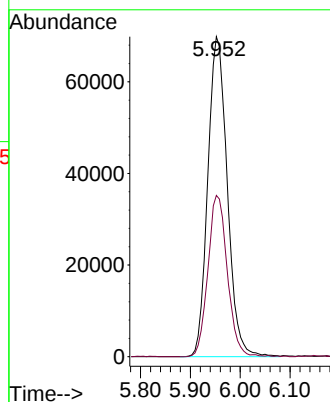
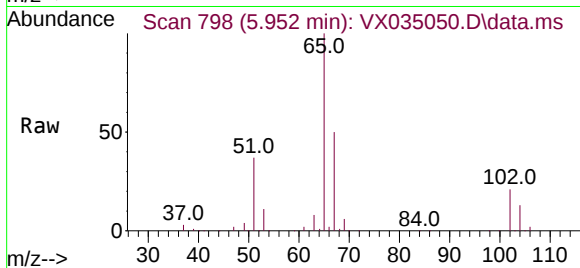
3134

Tgt Ion: 65 Resp: 189588

Ion Ratio Lower Upper

65 100

67 50.3 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX035050.D

Acq: 12 Apr 2023 17:01

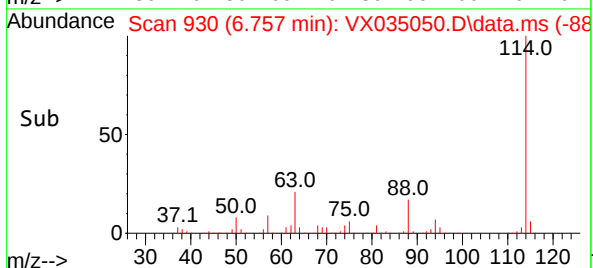
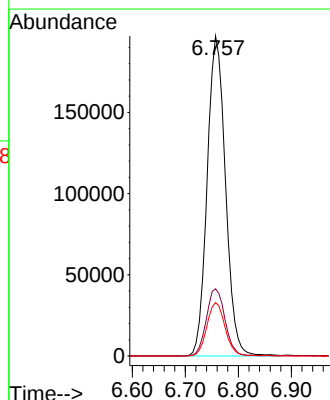
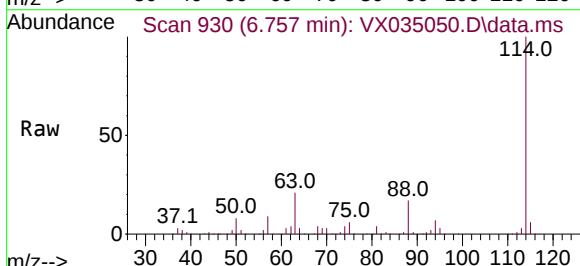
Tgt Ion: 114 Resp: 472612

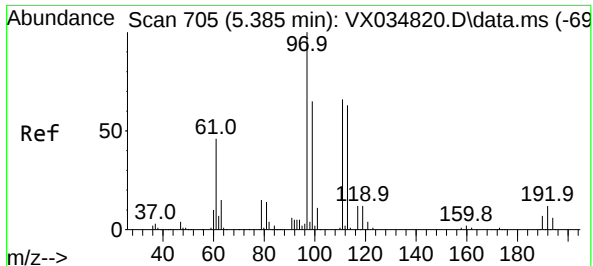
Ion Ratio Lower Upper

114 100

63 21.0 0.0 42.2

88 16.7 0.0 33.2





#35

Dibromofluoromethane

Concen: 41.402 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX035050.D

Acq: 12 Apr 2023 17:01

Instrument :

MSVOA_X

ClientSampleId :

3134

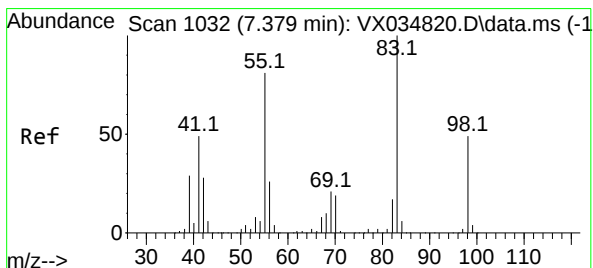
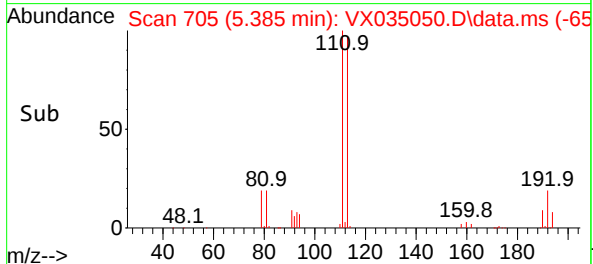
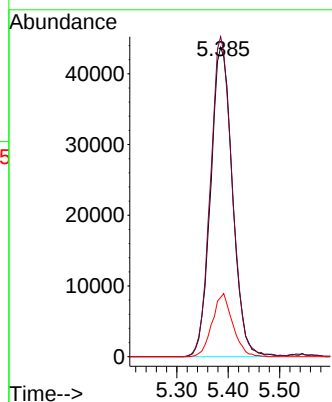
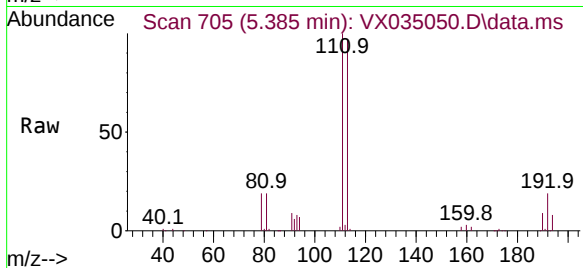
Tgt Ion:113 Resp: 129422

Ion Ratio Lower Upper

113 100

111 102.2 83.7 125.5

192 19.1 15.4 23.2



#39

Methylcyclohexane

Concen: 11.961 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. -0.006 min

Lab File: VX035050.D

Acq: 12 Apr 2023 17:01

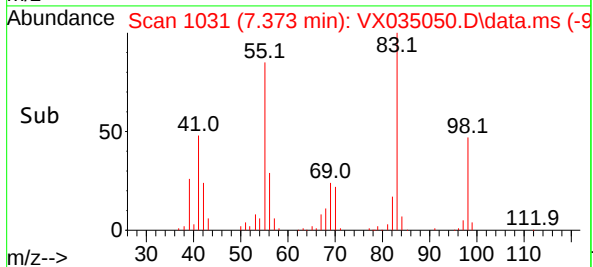
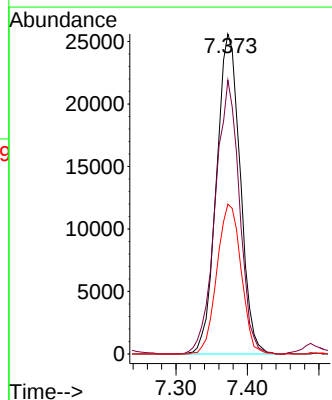
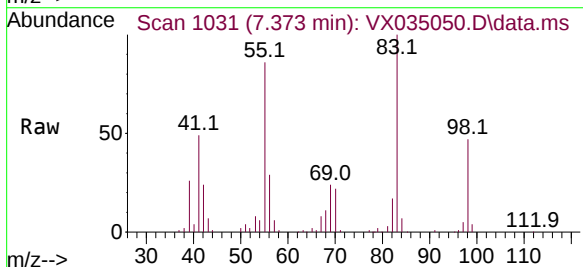
Tgt Ion: 83 Resp: 58821

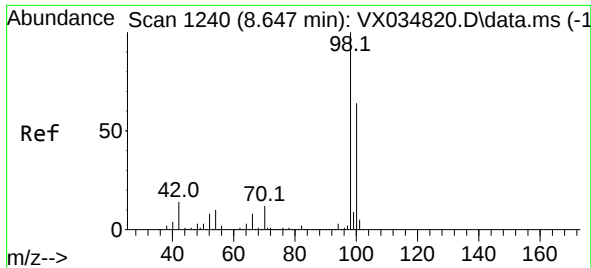
Ion Ratio Lower Upper

83 100

55 85.6 60.5 90.7

98 46.8 40.4 60.6

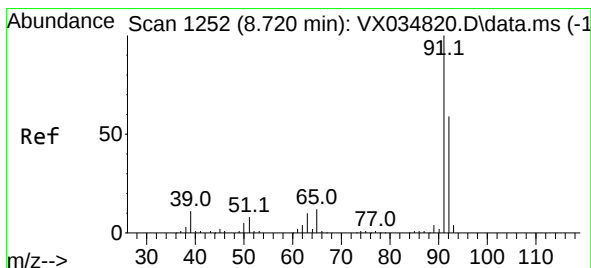
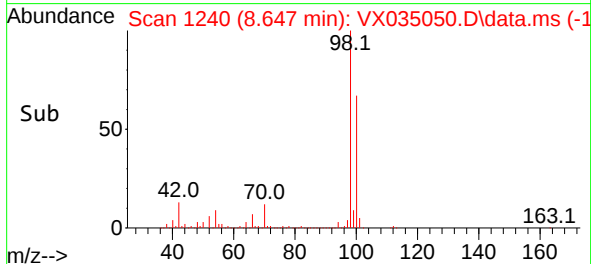
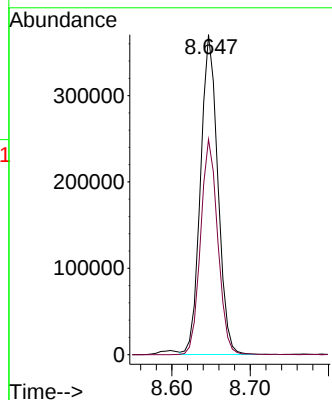
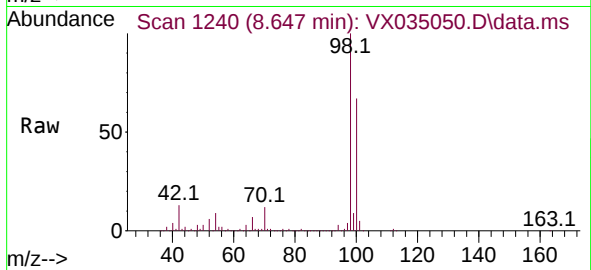




#50
Toluene-d8
Concen: 49.151 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035050.D
Acq: 12 Apr 2023 17:01

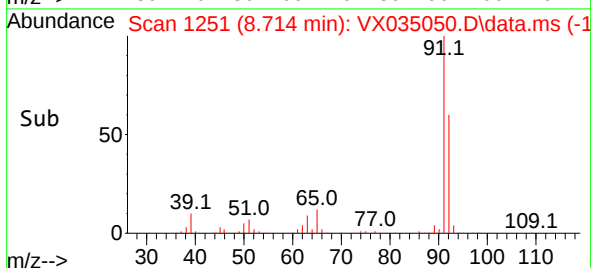
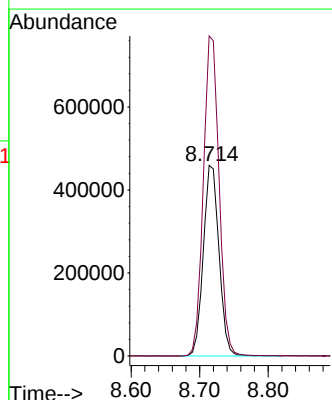
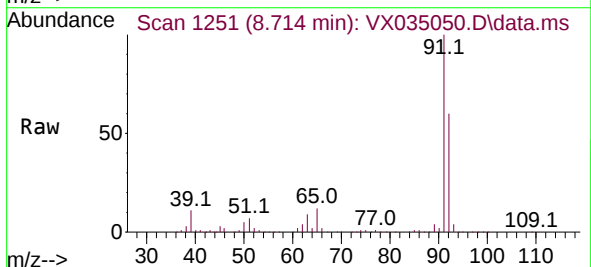
Instrument :
MSVOA_X
ClientSampleId :
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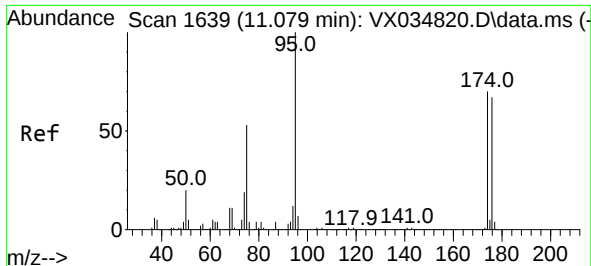
Tgt Ion: 98 Resp: 567105
Ion Ratio Lower Upper
98 100
100 66.9 52.5 78.7



#52
Toluene
Concen: 84.341 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX035050.D
Acq: 12 Apr 2023 17:01

Tgt Ion: 92 Resp: 731079
Ion Ratio Lower Upper
92 100
91 168.4 136.8 205.2

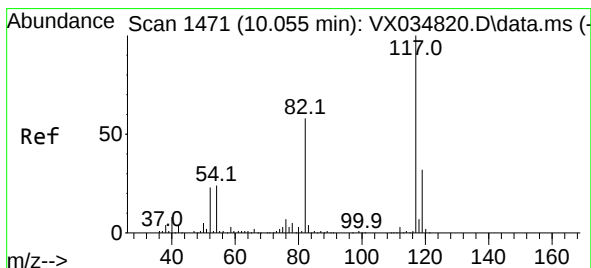
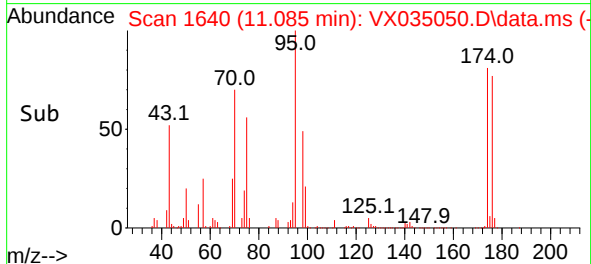
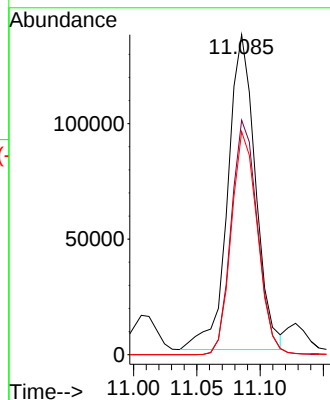
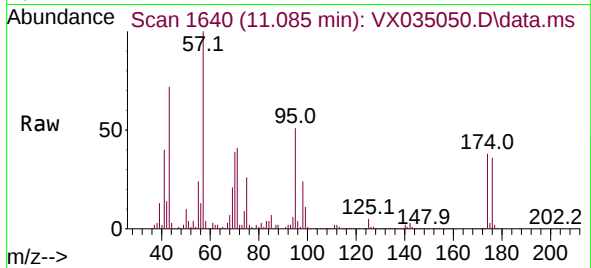




#62
4-Bromofluorobenzene
Concen: 46.566 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX035050.D
Acq: 12 Apr 2023 17:01

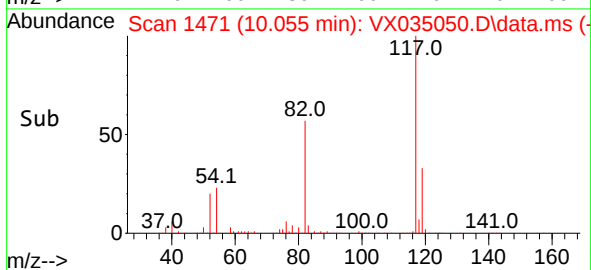
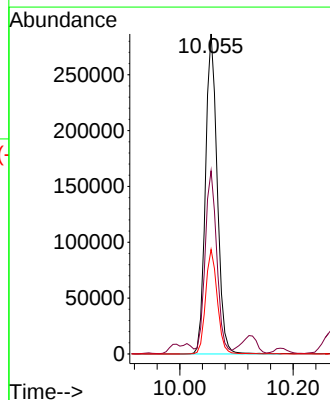
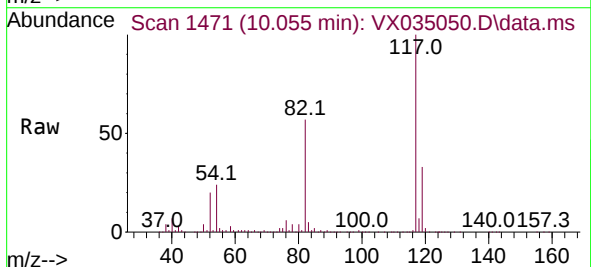
Instrument :
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ClientSampleId :
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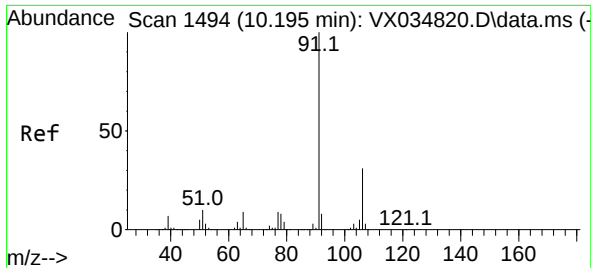
Tgt Ion: 95 Resp: 207913
Ion Ratio Lower Upper
95 100
174 70.5 0.0 147.4
176 67.2 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035050.D
Acq: 12 Apr 2023 17:01

Tgt Ion: 117 Resp: 411894
Ion Ratio Lower Upper
117 100
82 55.5 45.0 67.4
119 32.6 26.0 39.0

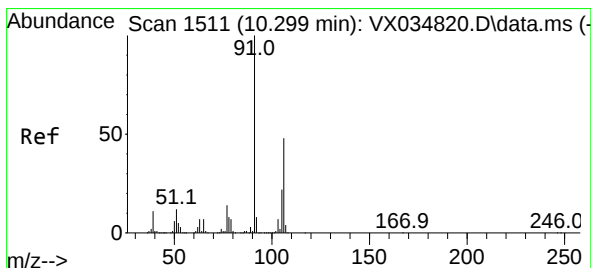
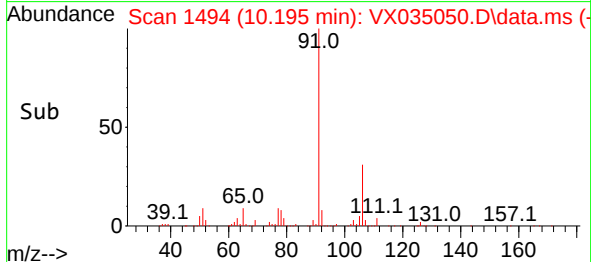
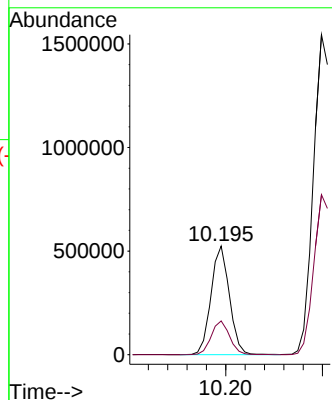
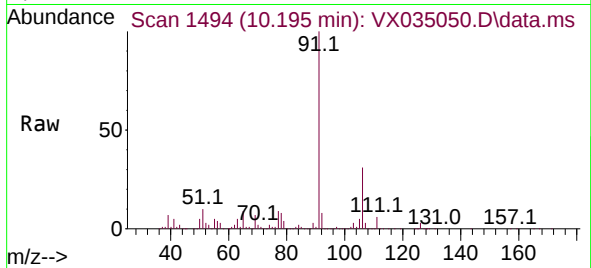




#67
Ethyl Benzene
Concen: 44.557 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX035050.D
Acq: 12 Apr 2023 17:01

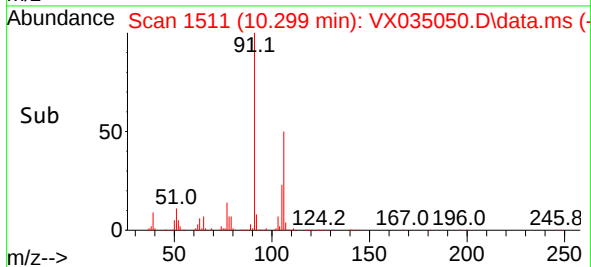
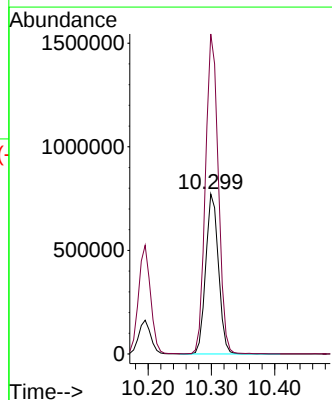
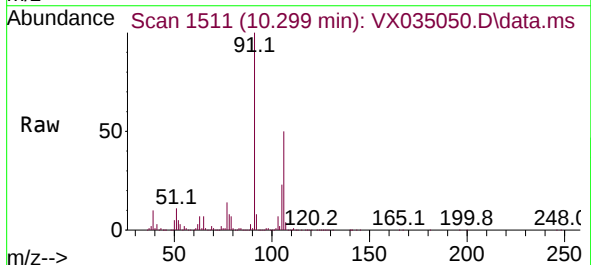
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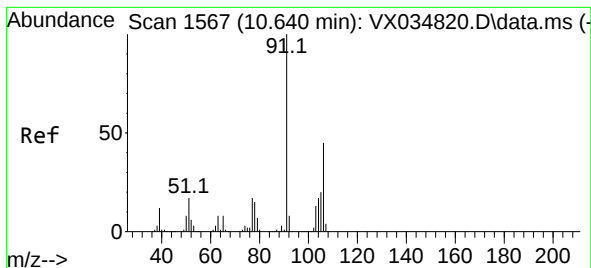
Tgt Ion: 91 Resp: 691743
Ion Ratio Lower Upper
91 100
106 31.1 25.6 38.4



#68
m/p-Xylenes
Concen: 182.222 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX035050.D
Acq: 12 Apr 2023 17:01

Tgt Ion: 106 Resp: 1080647
Ion Ratio Lower Upper
106 100
91 202.8 164.0 246.0





#69

o-Xylene

Concen: 82.514 ug/l

RT: 10.640 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX035050.D

Acq: 12 Apr 2023 17:01

Instrument :

MSVOA_X

ClientSampleId :

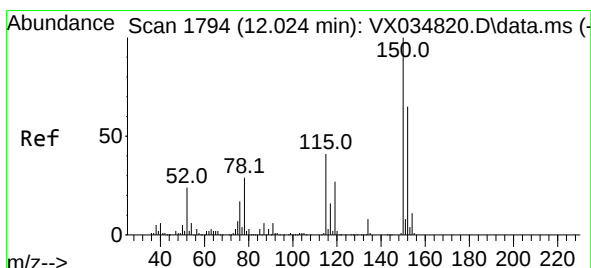
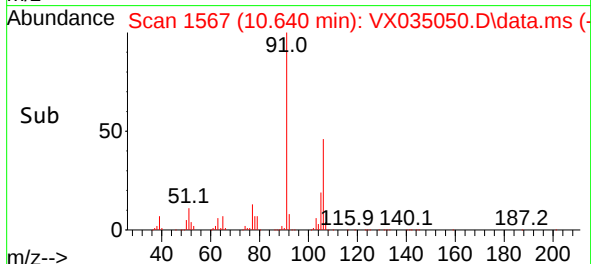
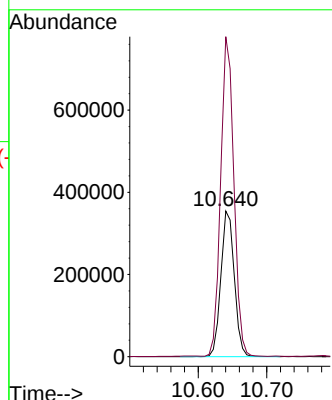
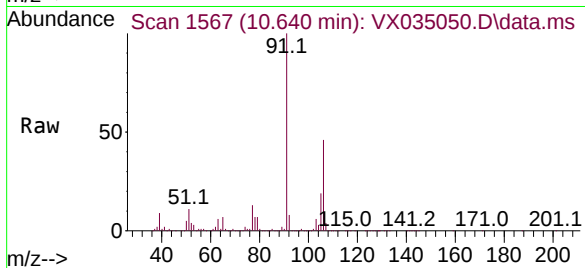
3134

Tgt Ion:106 Resp: 479373

Ion Ratio Lower Upper

106 100

91 215.7 108.5 325.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX035050.D

Acq: 12 Apr 2023 17:01

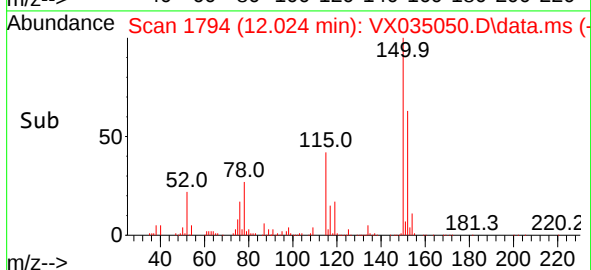
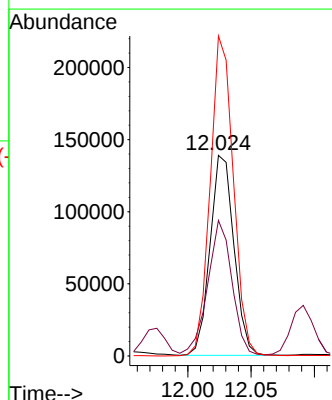
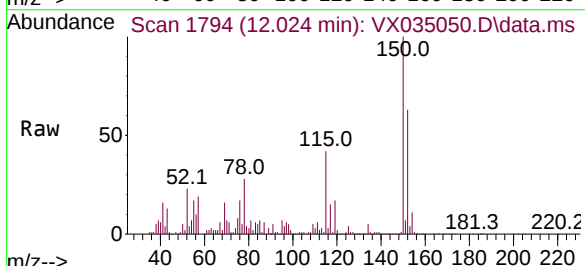
Tgt Ion:152 Resp: 182503

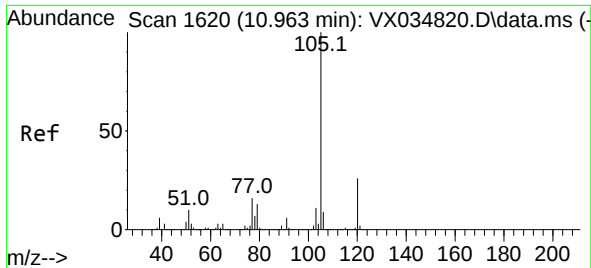
Ion Ratio Lower Upper

152 100

115 67.6 45.0 135.0

150 154.7 0.0 352.4

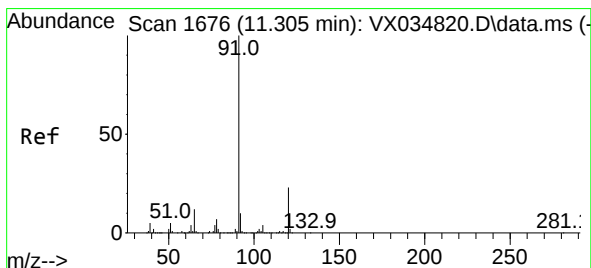
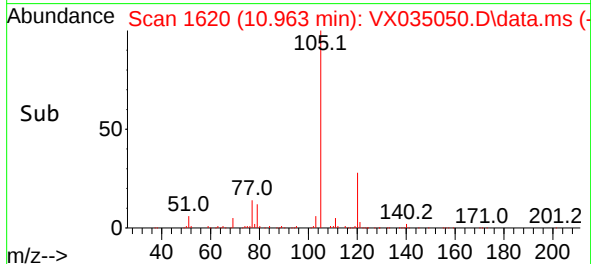
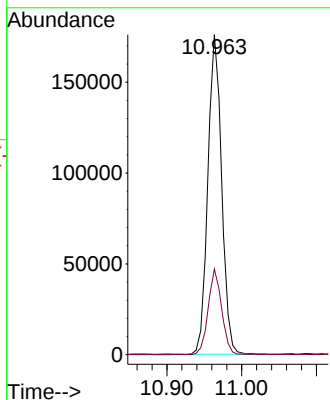
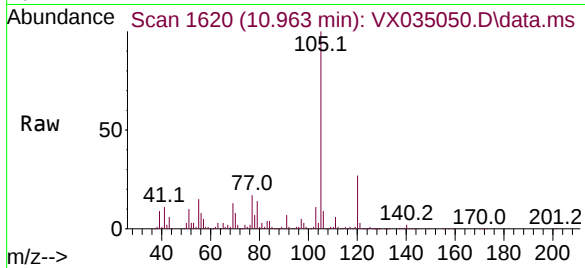




#73
Isopropylbenzene
Concen: 16.821 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX035050.D
Acq: 12 Apr 2023 17:01

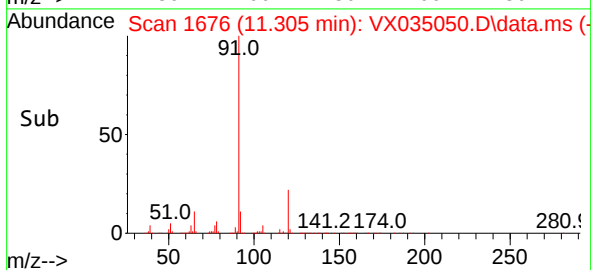
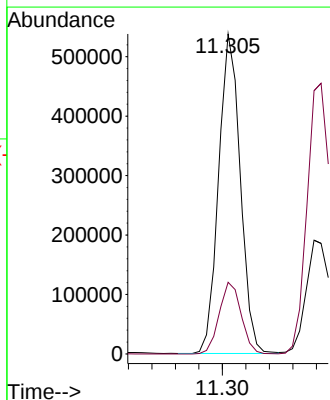
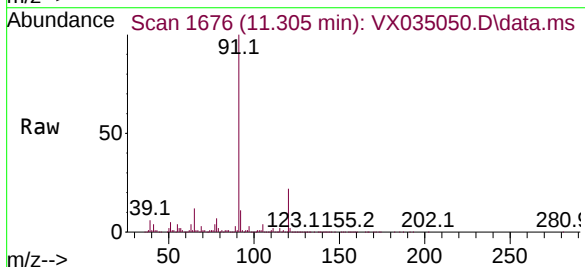
Instrument :
MSVOA_X
ClientSampleId :
3134

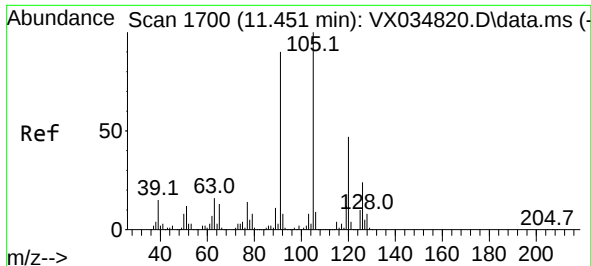
Tgt Ion:105 Resp: 224870
Ion Ratio Lower Upper
105 100
120 26.1 13.3 39.9



#78
n-propylbenzene
Concen: 44.644 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX035050.D
Acq: 12 Apr 2023 17:01

Tgt Ion: 91 Resp: 689438
Ion Ratio Lower Upper
91 100
120 22.7 11.5 34.5

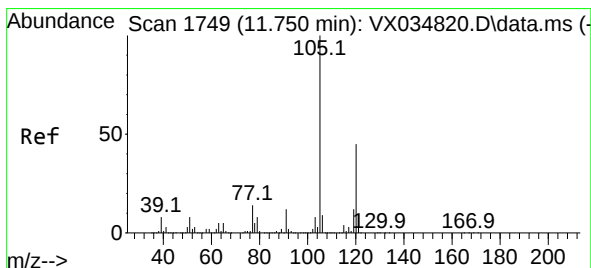
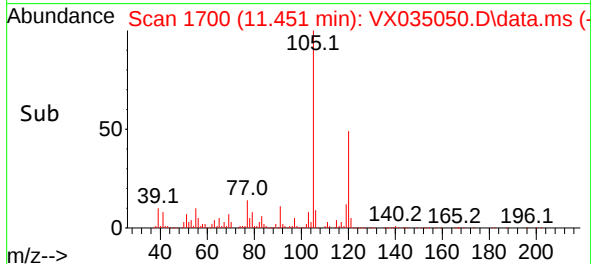
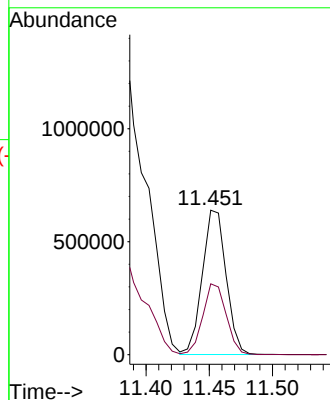
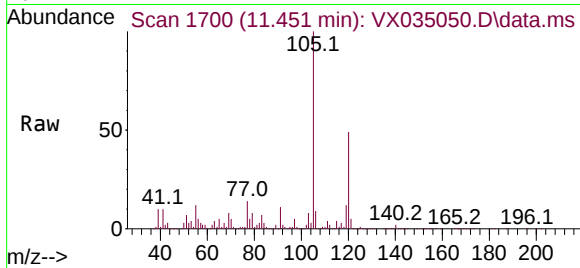




#80
1,3,5-Trimethylbenzene
Concen: 74.976 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035050.D
Acq: 12 Apr 2023 17:01

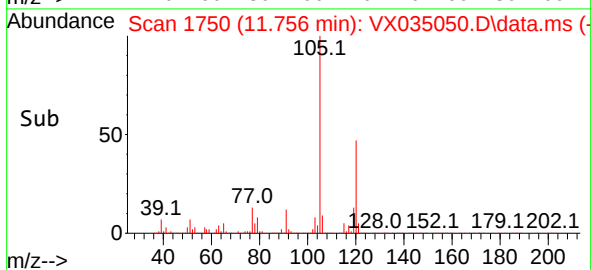
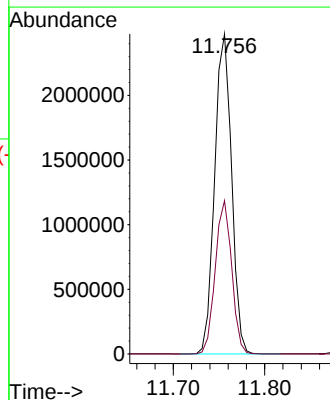
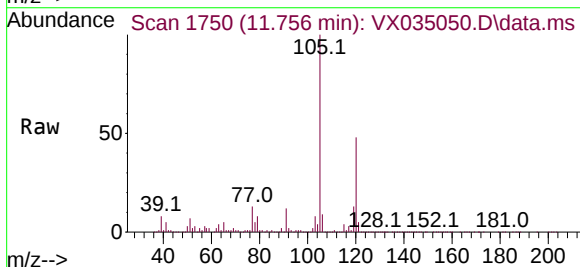
Instrument :
MSVOA_X
ClientSampleId :
3134

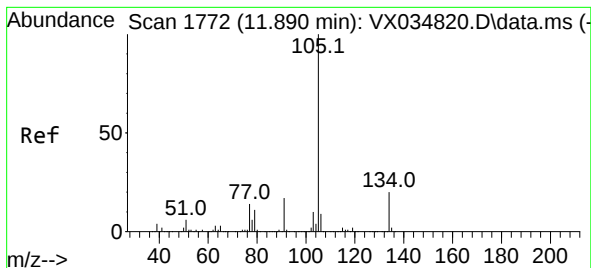
Tgt Ion:105 Resp: 838036
Ion Ratio Lower Upper
105 100
120 48.4 23.7 71.1



#84
1,2,4-Trimethylbenzene
Concen: 279.499 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX035050.D
Acq: 12 Apr 2023 17:01

Tgt Ion:105 Resp: 3177006
Ion Ratio Lower Upper
105 100
120 46.5 22.4 67.0





#85

sec-Butylbenzene

Concen: 22.088 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX035050.D

Acq: 12 Apr 2023 17:01

Instrument :

MSVOA_X

ClientSampleId :

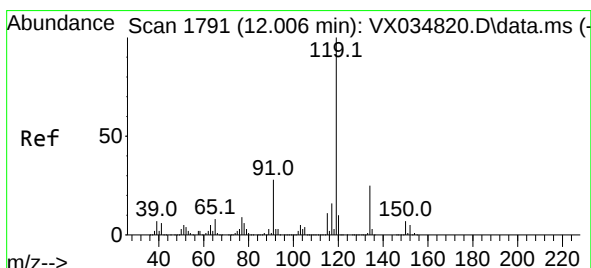
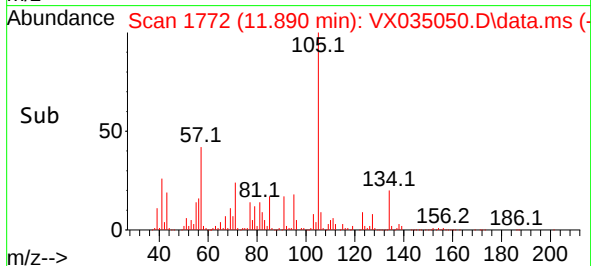
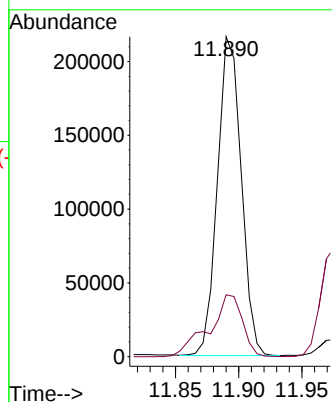
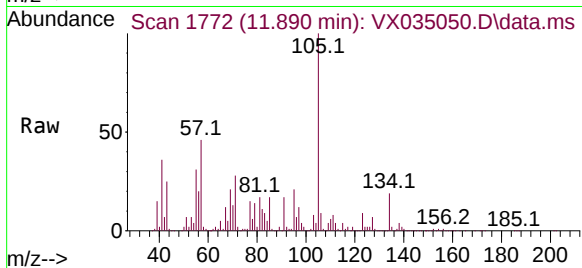
3134

Tgt Ion:105 Resp: 282040

Ion Ratio Lower Upper

105 100

134 27.3 10.2 30.4



#86

p-Isopropyltoluene

Concen: 15.123 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. 0.006 min

Lab File: VX035050.D

Acq: 12 Apr 2023 17:01

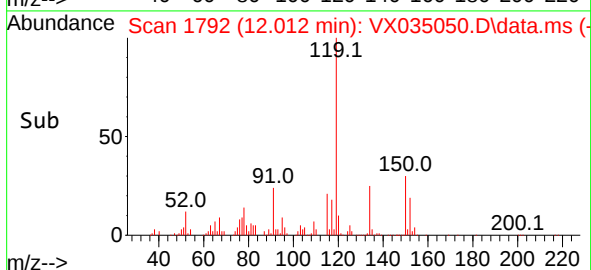
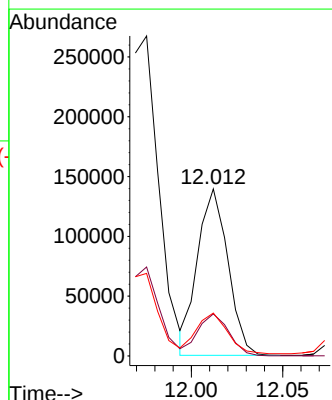
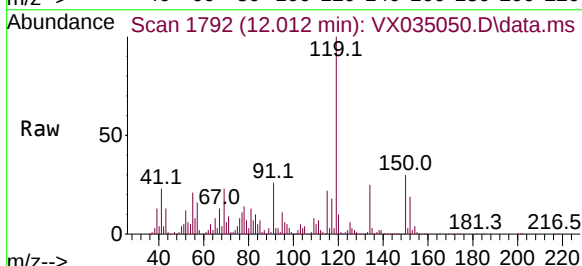
Tgt Ion:119 Resp: 161027

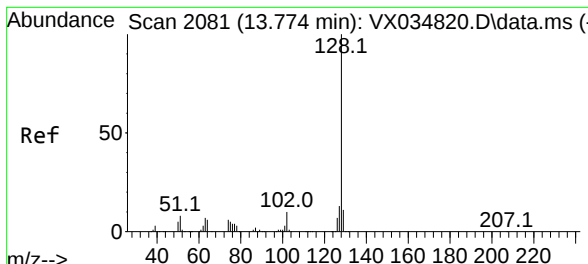
Ion Ratio Lower Upper

119 100

134 25.8 13.2 39.5

91 24.7 12.9 38.7





#95
Naphthalene
Concen: 64.338 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX035050.D
Acq: 12 Apr 2023 17:01

Instrument :
MSVOA_X
ClientSampleId :
3134

Tgt Ion:128 Resp: 781176
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.4
129 12.9 8.6 13.0

