

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102422\
 Data File : VX032333.D
 Acq On : 24 Oct 2022 12:27
 Operator : JC/MD
 Sample : N5239-04DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 34159DL

Quant Time: Oct 25 03:26:13 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)

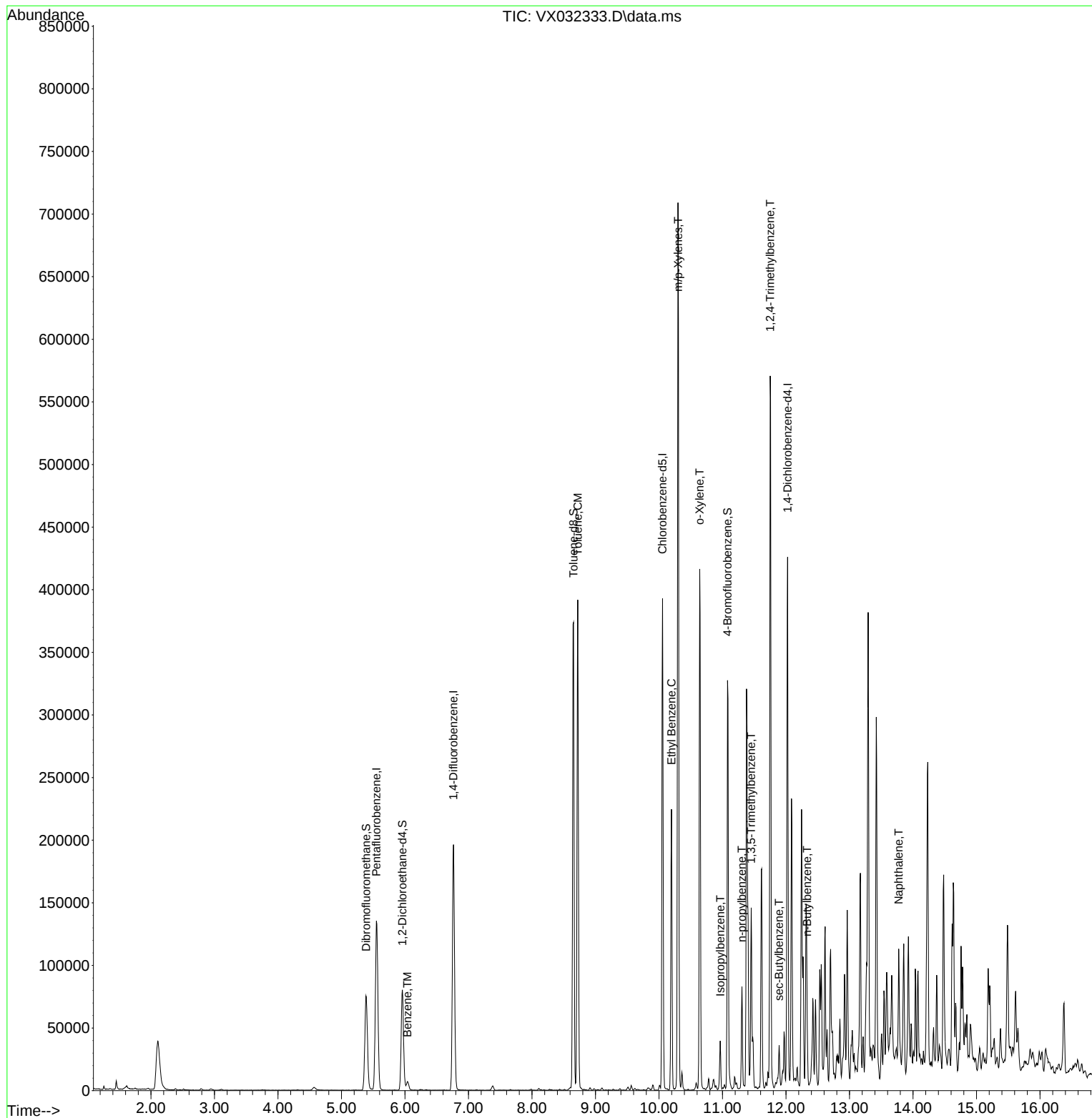
Internal Standards						
1) Pentafluorobenzene	5.550	168	129092	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	197471	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	171080	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	84334	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	78434	46.705	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.400%
35) Dibromofluoromethane	5.385	113	64542	46.969	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.940%
50) Toluene-d8	8.653	98	229756	46.449	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.900%
62) 4-Bromofluorobenzene	11.079	95	80814	44.616	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.240%
Target Compounds						
					Qvalue	
40) Benzene	6.038	78	7804	1.523	ug/l #	90
52) Toluene	8.720	92	140623	42.373	ug/l	99
67) Ethyl Benzene	10.195	91	122429	19.715	ug/l	99
68) m/p-Xylenes	10.299	106	159509	65.041	ug/l	100
69) o-Xylene	10.640	106	89140	37.941	ug/l	99
73) Isopropylbenzene	10.964	105	18572	3.086	ug/l	100
78) n-propylbenzene	11.305	91	48174	6.991	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	58337	11.223	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	247193	48.916	ug/l	99
85) sec-Butylbenzene	11.890	105	13828	2.200	ug/l	96
89) n-Butylbenzene	12.329	91	22461	4.769	ug/l #	35
95) Naphthalene	13.774	128	55767	9.597	ug/l	97

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

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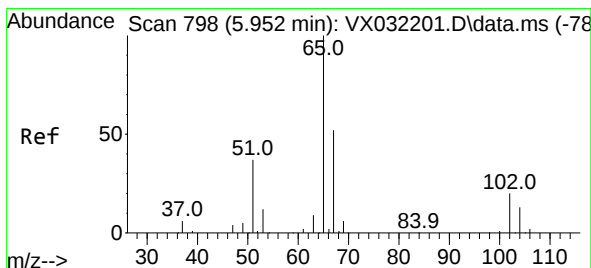
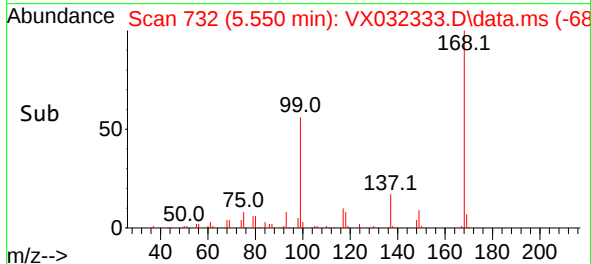
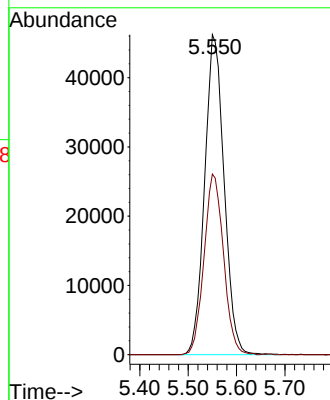
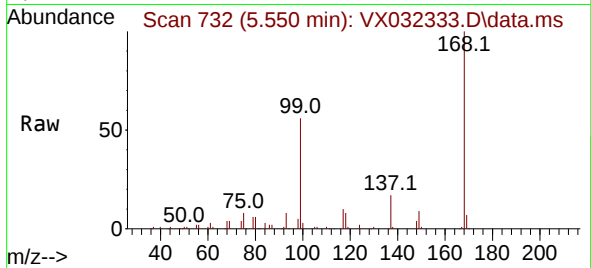




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032333.D
Acq: 24 Oct 2022 12:27

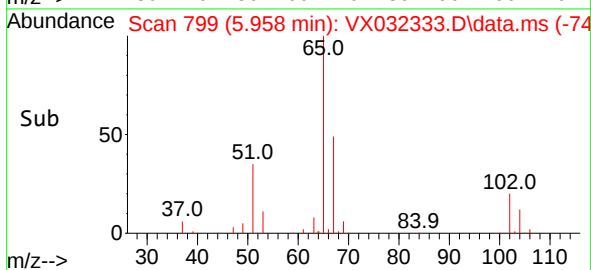
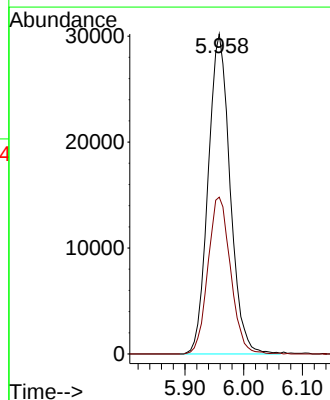
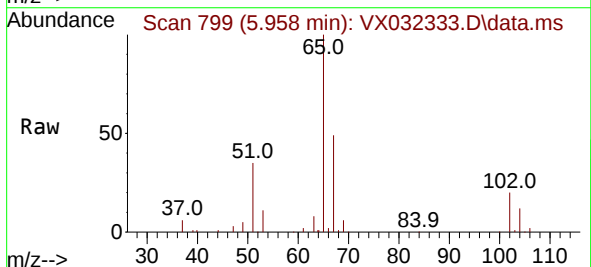
Instrument :
MSVOA_X
ClientSampleId :
34159DL

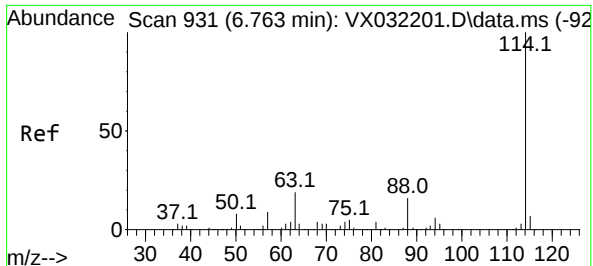
Tgt Ion:168 Resp: 129092
Ion Ratio Lower Upper
168 100
99 56.5 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 46.705 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX032333.D
Acq: 24 Oct 2022 12:27

Tgt Ion: 65 Resp: 78434
Ion Ratio Lower Upper
65 100
67 50.4 0.0 103.6

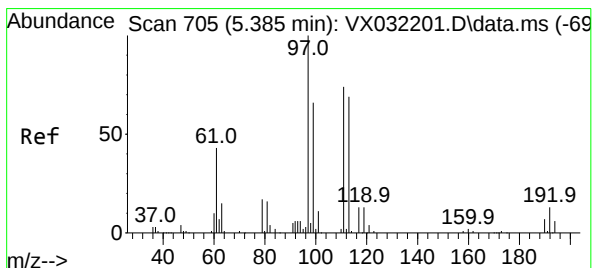
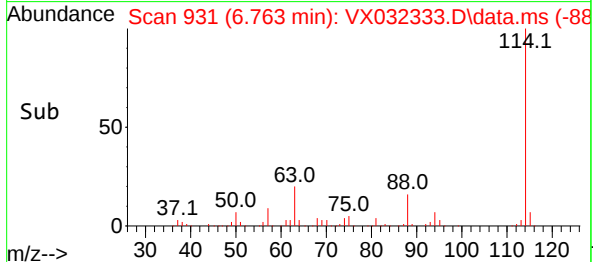
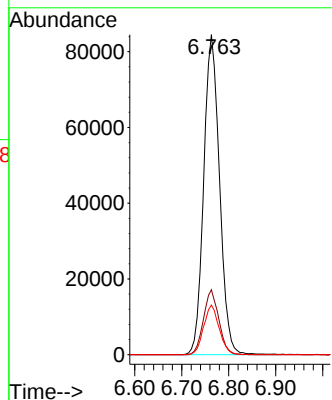
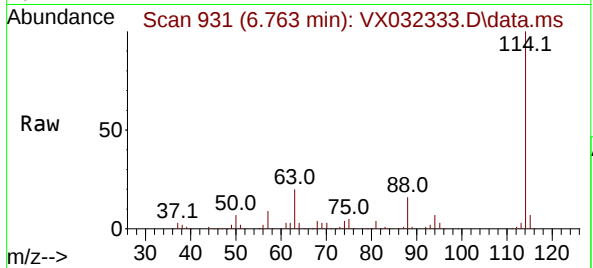




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX032333.D
Acq: 24 Oct 2022 12:27

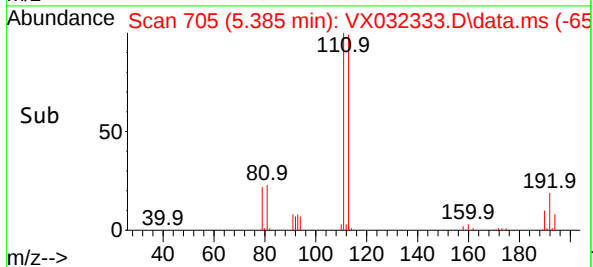
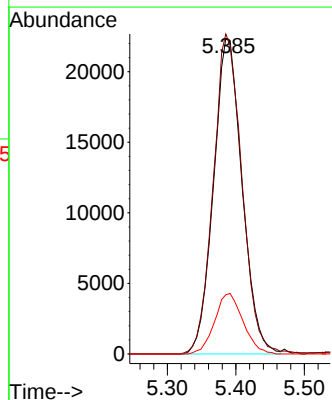
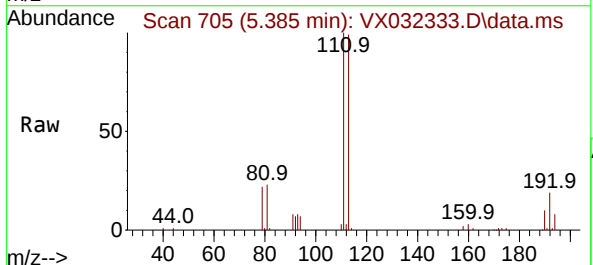
Instrument :
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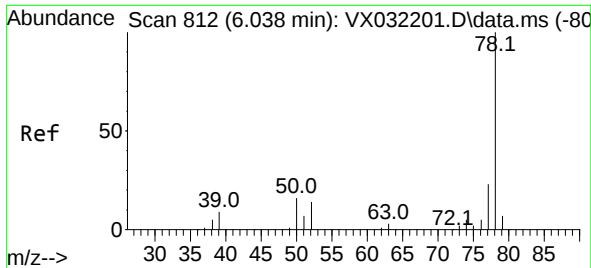
Tgt Ion:114 Resp: 197471
Ion Ratio Lower Upper
114 100
63 20.3 0.0 38.6
88 15.5 0.0 32.6



#35
Dibromofluoromethane
Concen: 46.969 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032333.D
Acq: 24 Oct 2022 12:27

Tgt Ion:113 Resp: 64542
Ion Ratio Lower Upper
113 100
111 102.2 82.8 124.2
192 19.1 15.5 23.3





#40

Benzene

Concen: 1.523 ug/l

RT: 6.038 min Scan# 812

Delta R.T. -0.000 min

Lab File: VX032333.D

Acq: 24 Oct 2022 12:27

Instrument :

MSVOA_X

ClientSampleId :

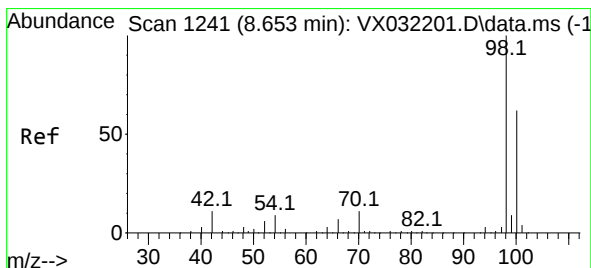
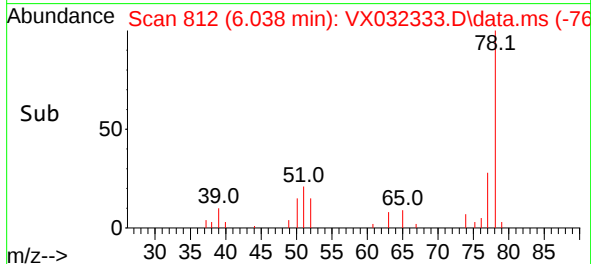
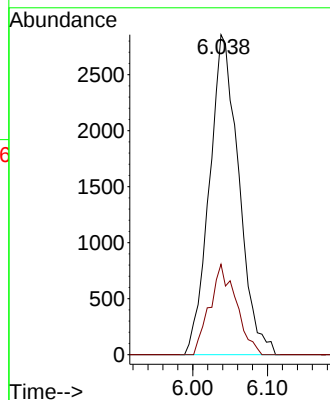
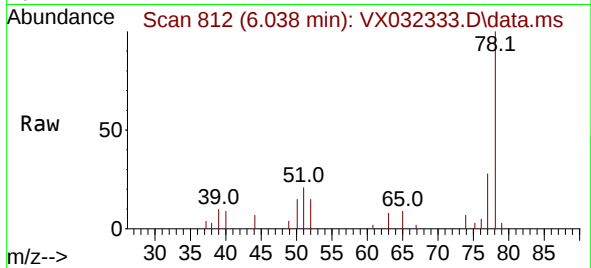
34159DL

Tgt Ion: 78 Resp: 7804

Ion Ratio Lower Upper

78 100

77 28.2 18.6 27.8#



#50

Toluene-d8

Concen: 46.449 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX032333.D

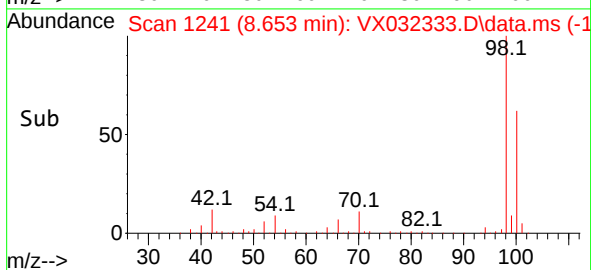
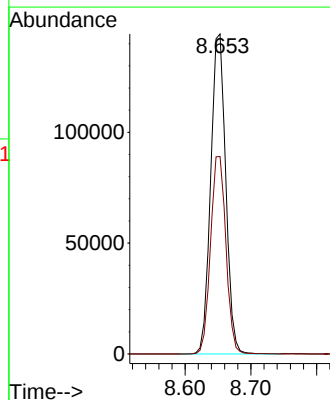
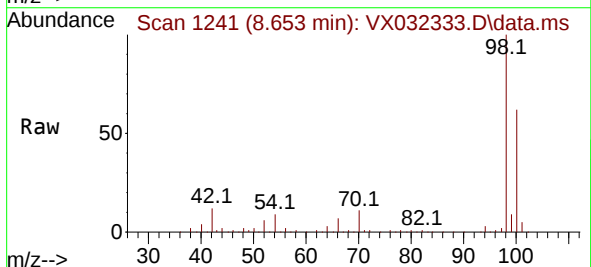
Acq: 24 Oct 2022 12:27

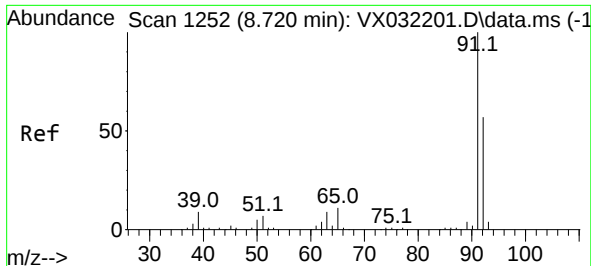
Tgt Ion: 98 Resp: 229756

Ion Ratio Lower Upper

98 100

100 63.1 50.7 76.1

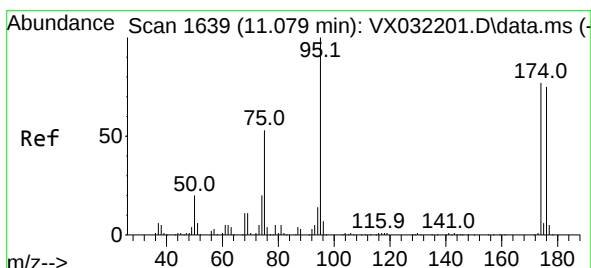
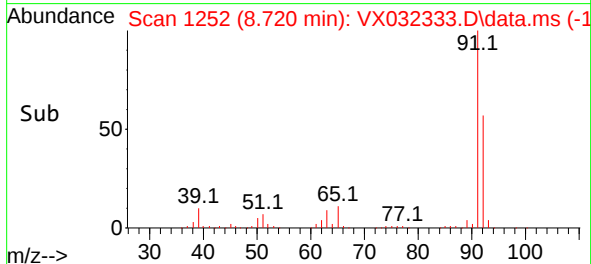
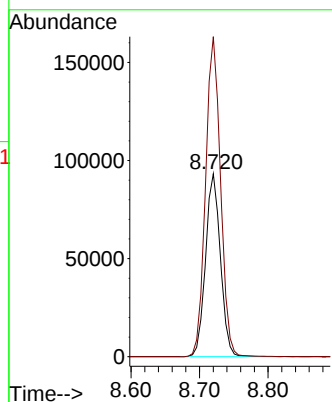
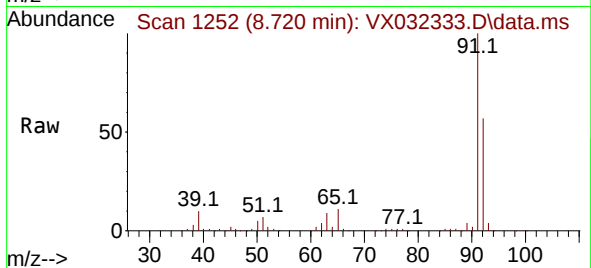




#52
Toluene
Concen: 42.373 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032333.D
Acq: 24 Oct 2022 12:27

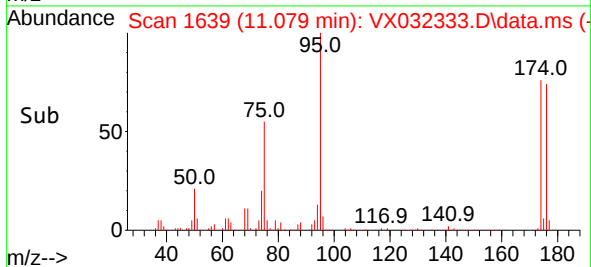
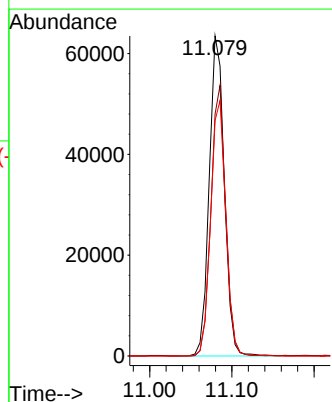
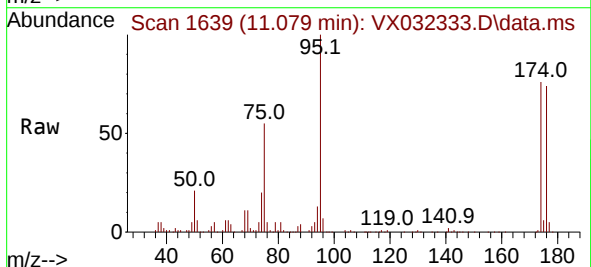
Instrument :
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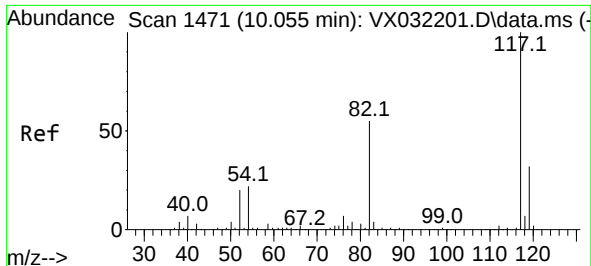
Tgt Ion: 92 Resp: 140623
Ion Ratio Lower Upper
92 100
91 176.7 140.3 210.5



#62
4-Bromofluorobenzene
Concen: 44.616 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032333.D
Acq: 24 Oct 2022 12:27

Tgt Ion: 95 Resp: 80814
Ion Ratio Lower Upper
95 100
174 82.6 0.0 166.8
176 80.2 0.0 161.4

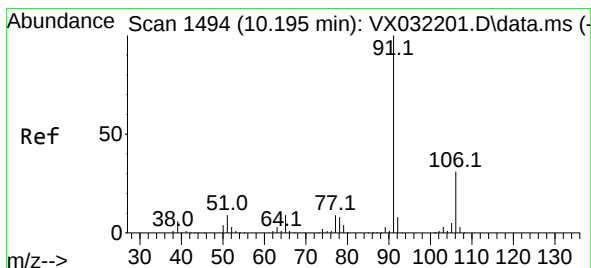
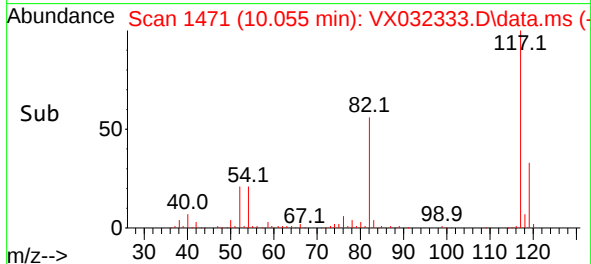
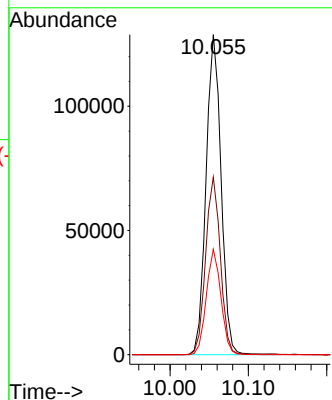
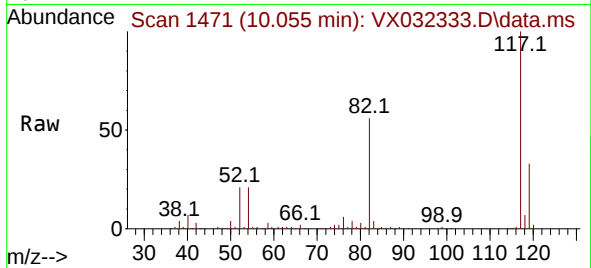




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032333.D
Acq: 24 Oct 2022 12:27

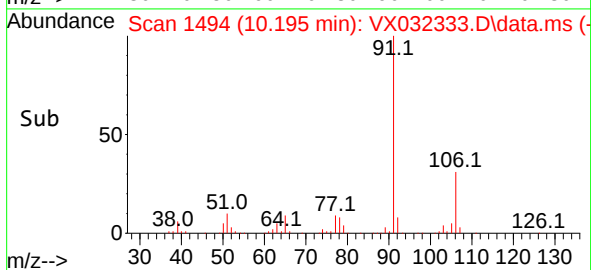
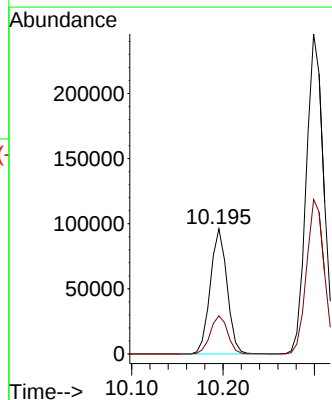
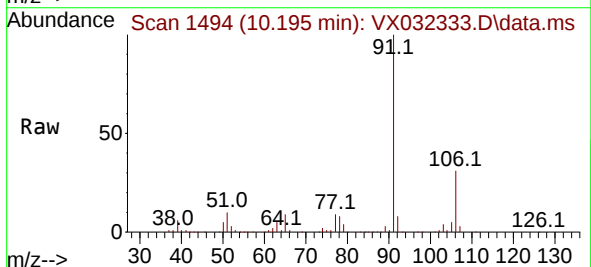
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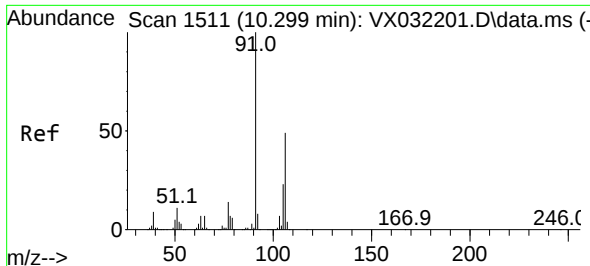
Tgt Ion:117 Resp: 171080
Ion Ratio Lower Upper
117 100
82 55.5 44.2 66.4
119 32.9 25.8 38.8



#67
Ethyl Benzene
Concen: 19.715 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX032333.D
Acq: 24 Oct 2022 12:27

Tgt Ion: 91 Resp: 122429
Ion Ratio Lower Upper
91 100
106 30.6 25.0 37.4

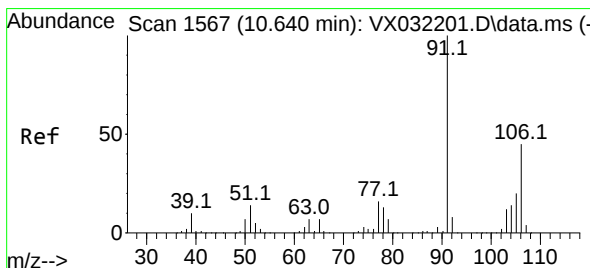
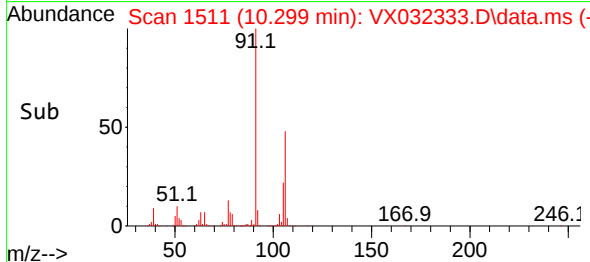
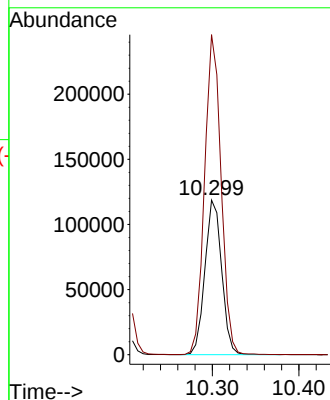
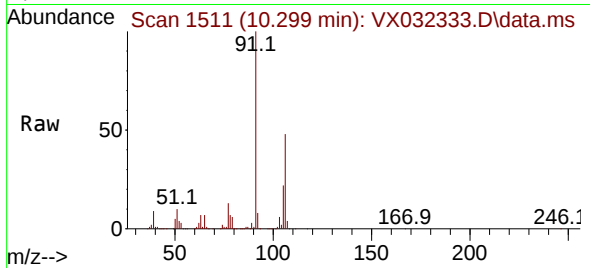




#68
m/p-Xylenes
Concen: 65.041 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX032333.D
Acq: 24 Oct 2022 12:27

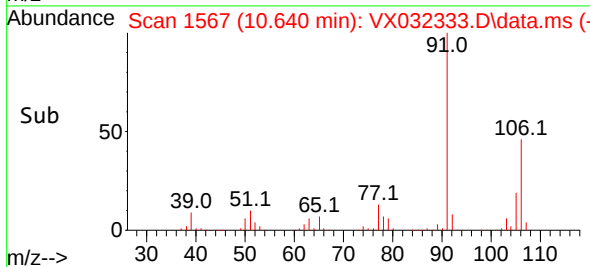
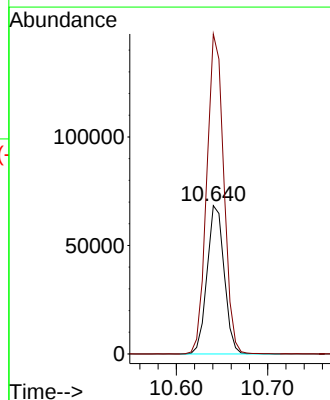
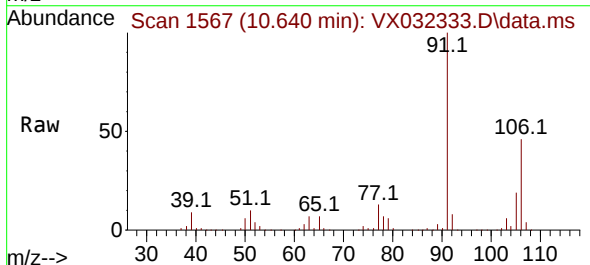
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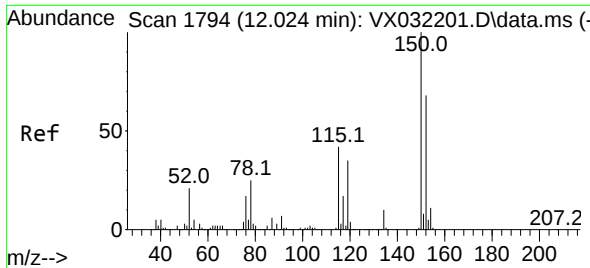
Tgt Ion:106 Resp: 159509
Ion Ratio Lower Upper
106 100
91 203.9 162.6 244.0



#69
o-Xylene
Concen: 37.941 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX032333.D
Acq: 24 Oct 2022 12:27

Tgt Ion:106 Resp: 89140
Ion Ratio Lower Upper
106 100
91 214.4 108.3 324.9

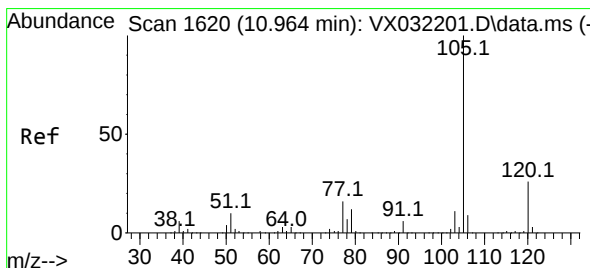
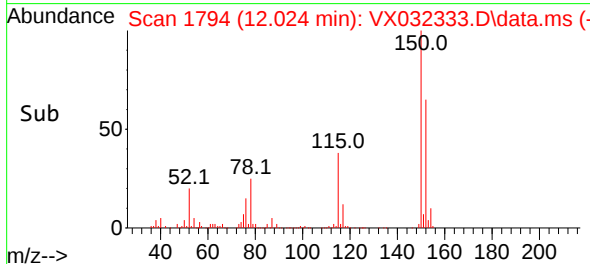
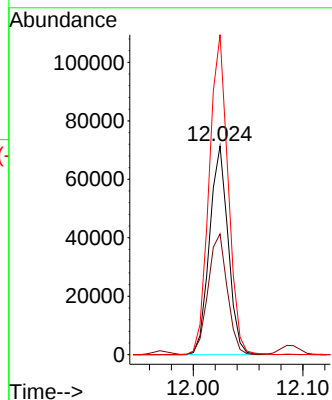
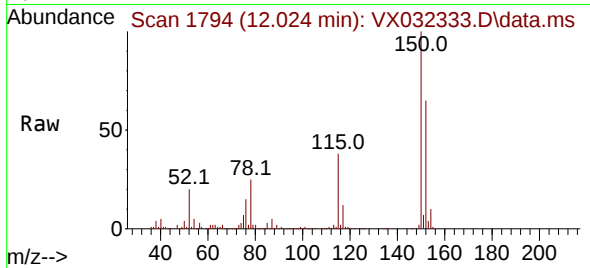




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032333.D
Acq: 24 Oct 2022 12:27

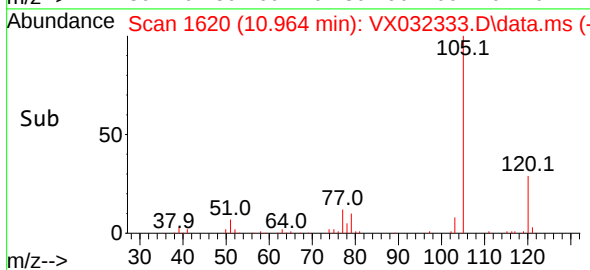
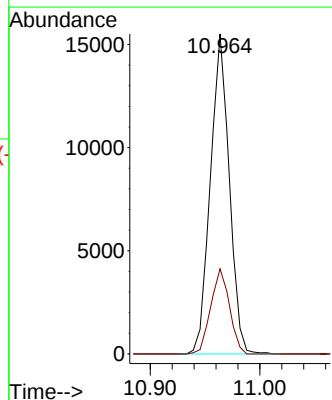
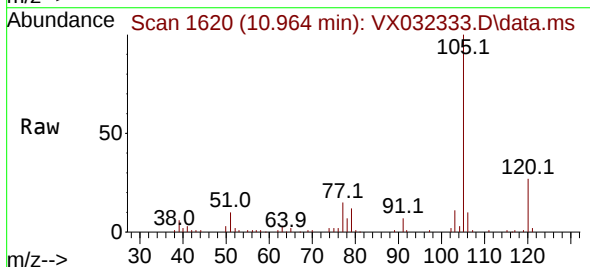
Instrument :
MSVOA_X
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34159DL

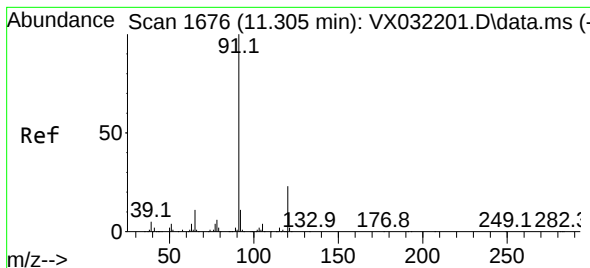
Tgt Ion:152 Resp: 84334
Ion Ratio Lower Upper
152 100
115 59.9 43.1 129.4
150 155.6 0.0 348.6



#73
Isopropylbenzene
Concen: 3.086 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX032333.D
Acq: 24 Oct 2022 12:27

Tgt Ion:105 Resp: 18572
Ion Ratio Lower Upper
105 100
120 26.3 13.2 39.6





#78

n-propylbenzene

Concen: 6.991 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX032333.D

Acq: 24 Oct 2022 12:27

Instrument :

MSVOA_X

ClientSampleId :

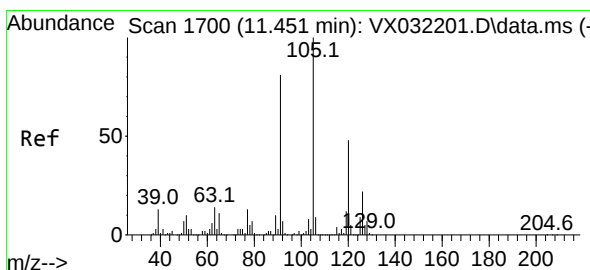
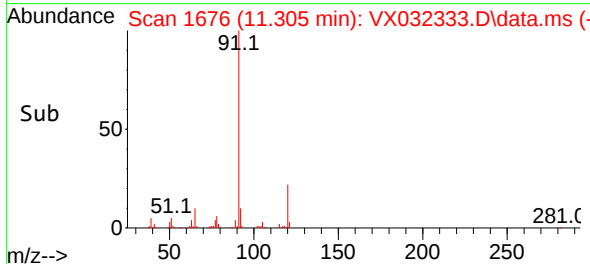
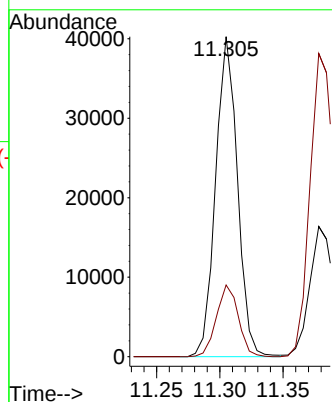
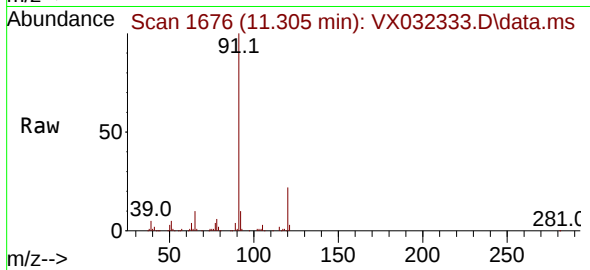
34159DL

Tgt Ion: 91 Resp: 48174

Ion Ratio Lower Upper

91 100

120 22.5 11.6 34.8



#80

1,3,5-Trimethylbenzene

Concen: 11.223 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX032333.D

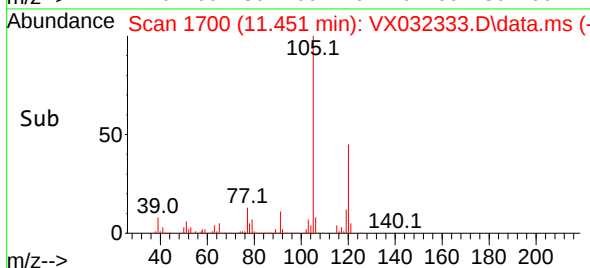
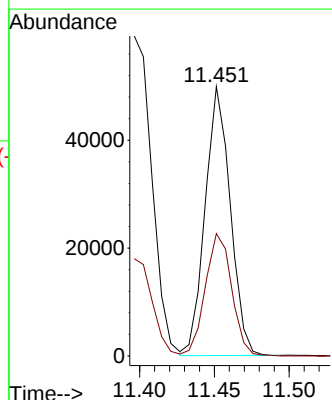
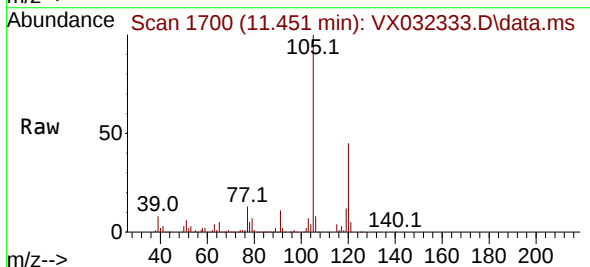
Acq: 24 Oct 2022 12:27

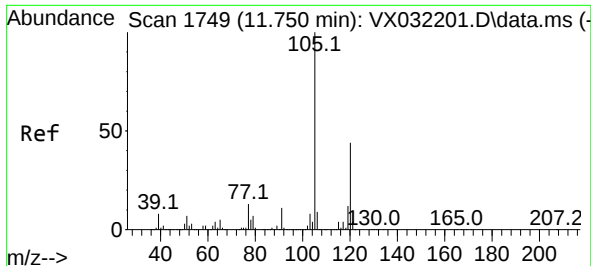
Tgt Ion: 105 Resp: 58337

Ion Ratio Lower Upper

105 100

120 47.7 23.5 70.6

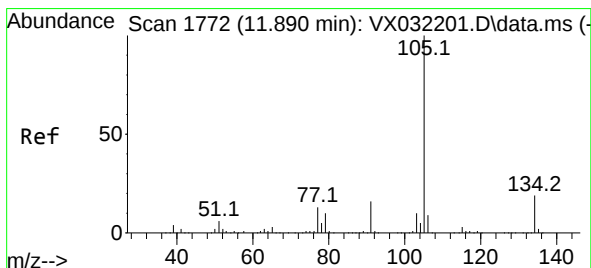
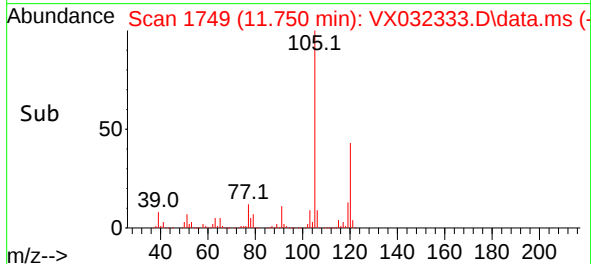
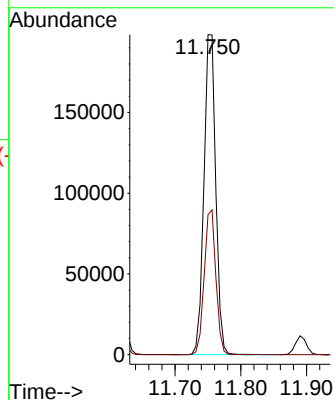
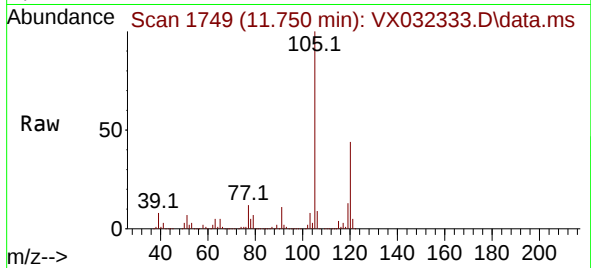




#84
1,2,4-Trimethylbenzene
Concen: 48.916 ug/l
RT: 11.750 min Scan# 11749
Delta R.T. 0.000 min
Lab File: VX032333.D
Acq: 24 Oct 2022 12:27

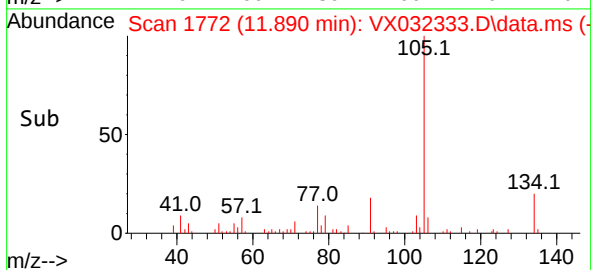
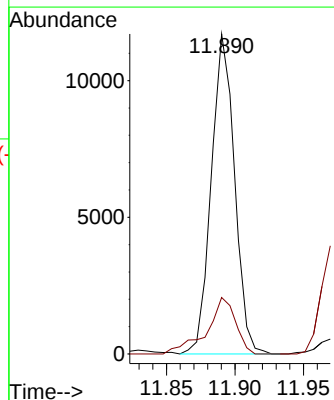
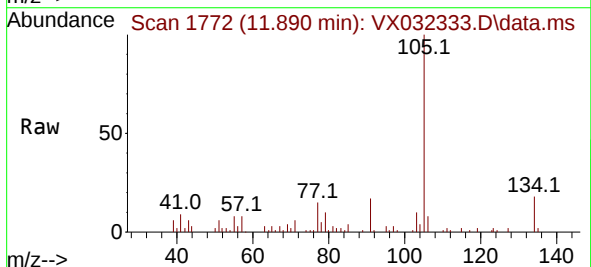
Instrument :
MSVOA_X
ClientSampleId :
34159DL

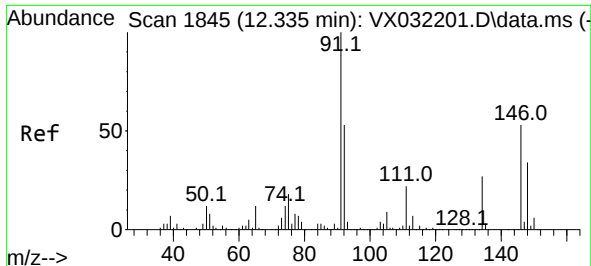
Tgt Ion:105 Resp: 247193
Ion Ratio Lower Upper
105 100
120 44.7 22.1 66.1



#85
sec-Butylbenzene
Concen: 2.200 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX032333.D
Acq: 24 Oct 2022 12:27

Tgt Ion:105 Resp: 13828
Ion Ratio Lower Upper
105 100
134 21.8 10.1 30.3





#89

n-Butylbenzene

Concen: 4.769 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX032333.D

Acq: 24 Oct 2022 12:27

Instrument :

MSVOA_X

ClientSampleId :

34159DL

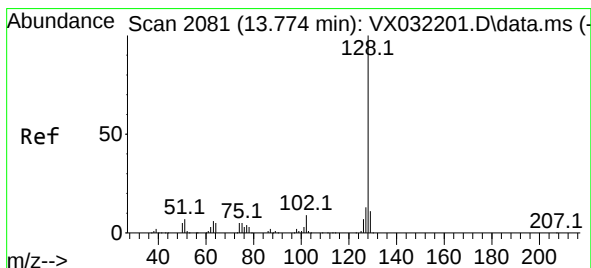
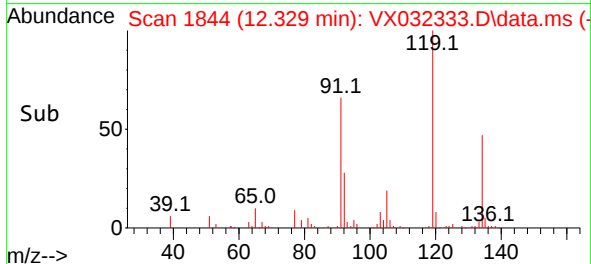
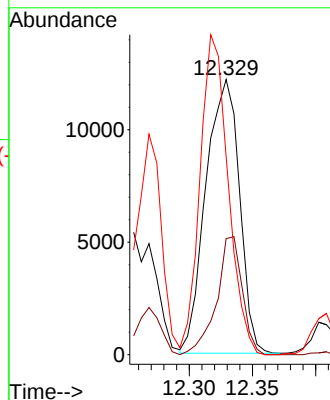
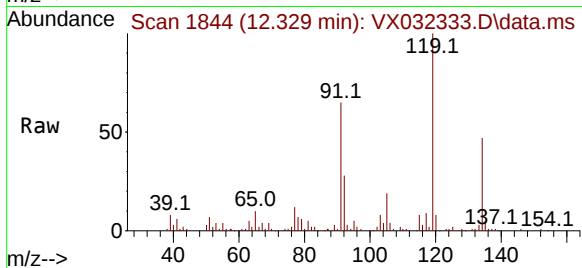
Tgt Ion: 91 Resp: 22461

Ion Ratio Lower Upper

91 100

92 33.0 26.3 78.9

134 97.8 13.0 39.0#



#95

Naphthalene

Concen: 9.597 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX032333.D

Acq: 24 Oct 2022 12:27

Tgt Ion:128 Resp: 55767

Ion Ratio Lower Upper

128 100

127 13.6 10.3 15.5

129 12.3 8.7 13.1

