

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111022\
 Data File : VX032722.D
 Acq On : 10 Nov 2022 12:51
 Operator : JC/MD
 Sample : N5511-05MEDL 5X
 Misc : 5.02g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PL-05-110722MEDL

Quant Time: Nov 10 13:17:09 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)

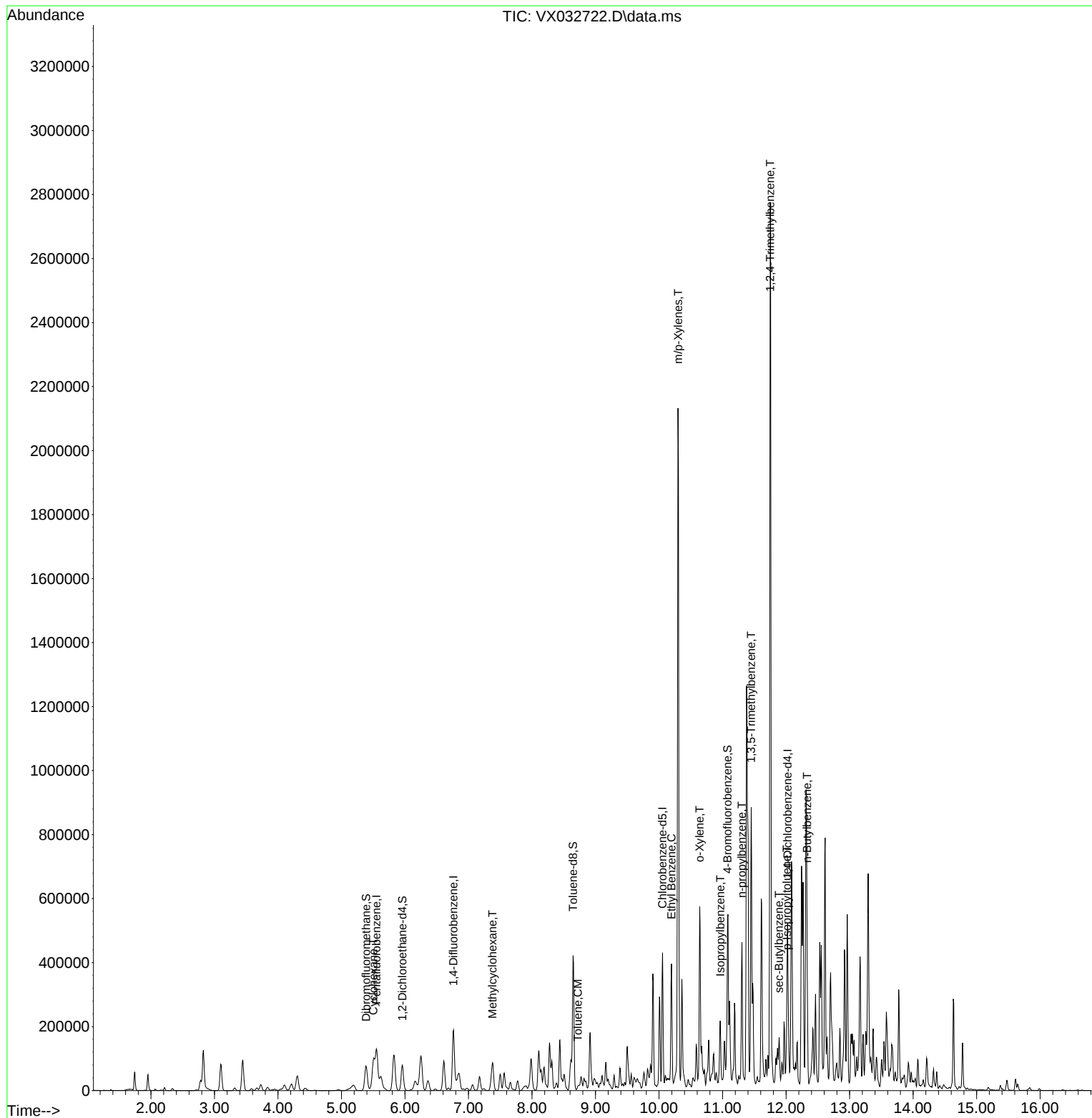
Internal Standards						
1) Pentafluorobenzene	5.550	168	113750	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	189718	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	176058	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	91987	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	80705	51.062	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.120%	
35) Dibromofluoromethane	5.385	113	62305	46.040	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 92.080%	
50) Toluene-d8	8.647	98	237255	50.419	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.840%	
62) 4-Bromofluorobenzene	11.079	95	94650	51.492	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.980%	
Target Compounds						
					Qvalue	
31) Cyclohexane	5.501	56	28325m	14.781	ug/l	
39) Methylcyclohexane	7.379	83	35928	16.114	ug/l	90
52) Toluene	8.720	92	3722	1.070	ug/l	92
67) Ethyl Benzene	10.195	91	195518	27.724	ug/l	100
68) m/p-Xylenes	10.299	106	470927	171.965	ug/l	99
69) o-Xylene	10.640	106	113901	42.779	ug/l	100
73) Isopropylbenzene	10.963	105	92076	12.632	ug/l	100
78) n-propylbenzene	11.305	91	255871	30.467	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	359068	57.637	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	1199037	193.512	ug/l	98
85) sec-Butylbenzene	11.890	105	52524	7.018	ug/l	98
86) p-Isopropyltoluene	12.012	119	28623m	4.507	ug/l	
89) n-Butylbenzene	12.329	91	177716	32.168	ug/l #	44

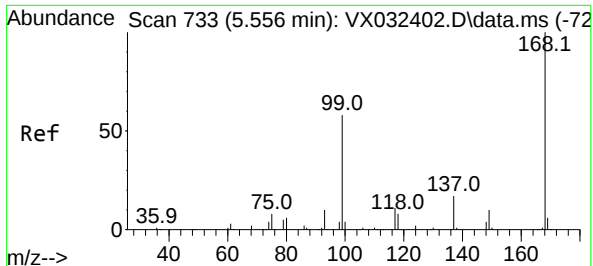
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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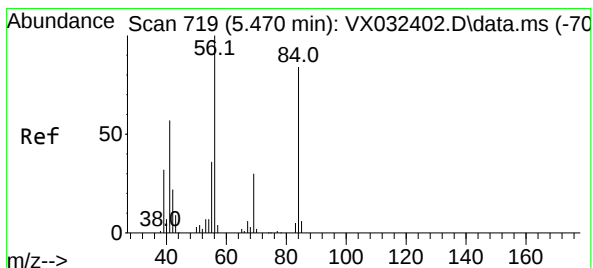
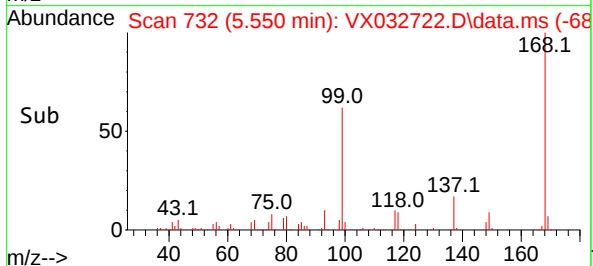
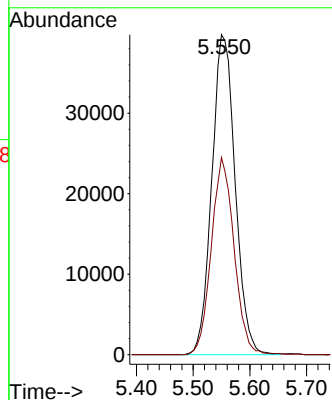
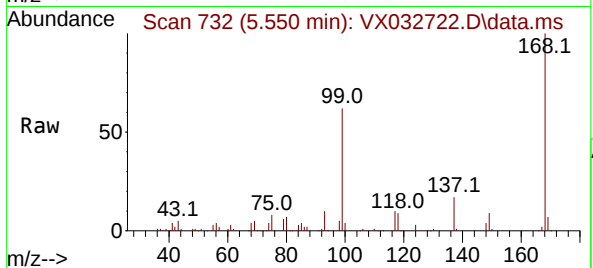




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032722.D
Acq: 10 Nov 2022 12:51

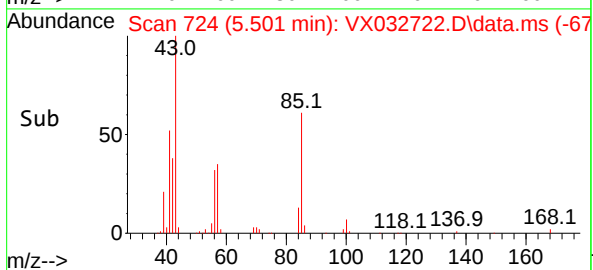
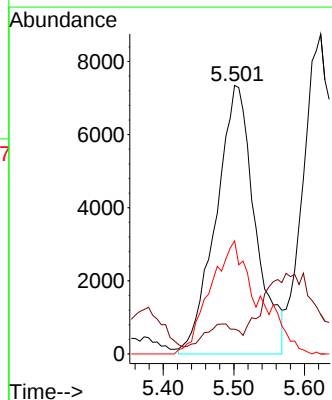
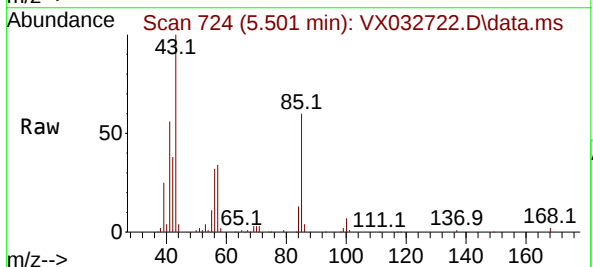
Instrument :
MSVOA_X
ClientSampleId :
PL-05-110722MEDL

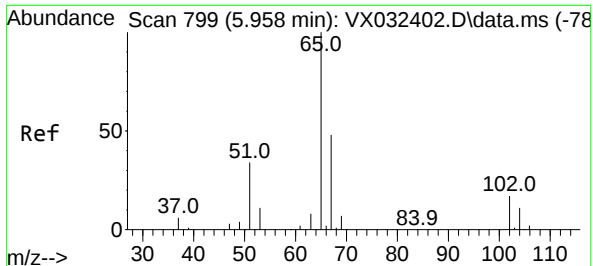
Tgt Ion:168 Resp: 113750
Ion Ratio Lower Upper
168 100
99 61.6 46.1 69.1



#31
Cyclohexane
Concen: 14.781 ug/l m
RT: 5.501 min Scan# 724
Delta R.T. 0.030 min
Lab File: VX032722.D
Acq: 10 Nov 2022 12:51

Tgt Ion: 56 Resp: 28325
Ion Ratio Lower Upper
56 100
69 9.2 24.1 36.1#
84 42.1 66.9 100.3#

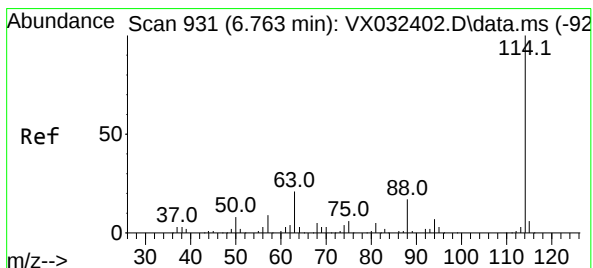
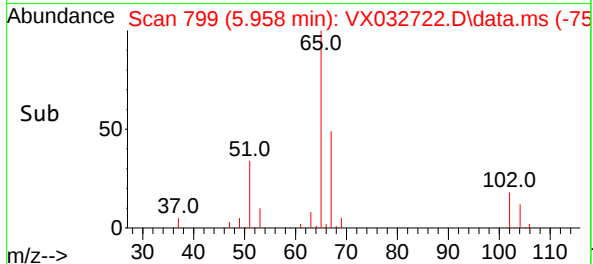
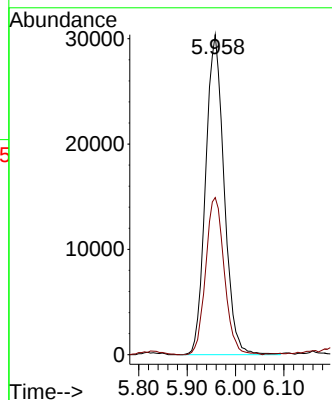
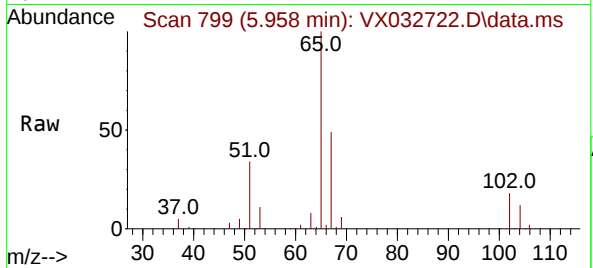




#33
 1,2-Dichloroethane-d4
 Concen: 51.062 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: VX032722.D
 Acq: 10 Nov 2022 12:51

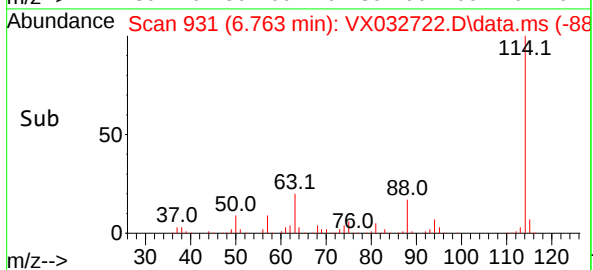
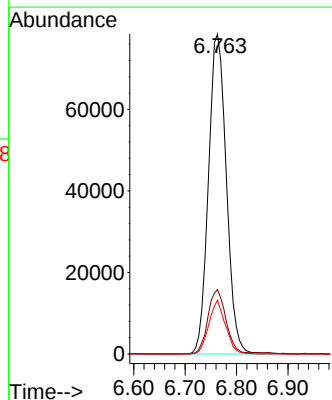
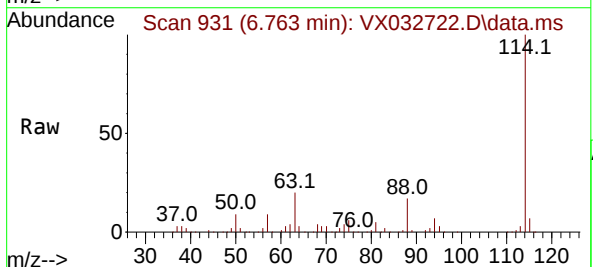
Instrument :
 MSVOA_X
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 PL-05-110722MEDL

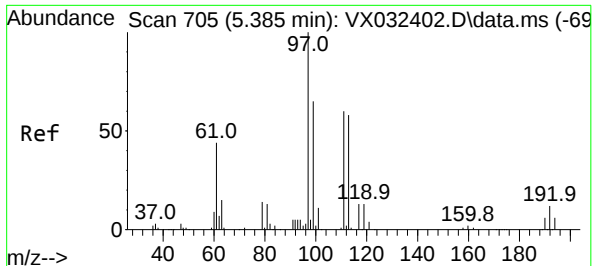
Tgt Ion: 65 Resp: 80705
 Ion Ratio Lower Upper
 65 100
 67 49.5 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX032722.D
 Acq: 10 Nov 2022 12:51

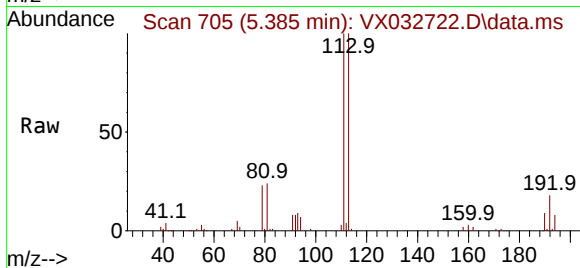
Tgt Ion: 114 Resp: 189718
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 41.6
 88 16.8 0.0 33.4



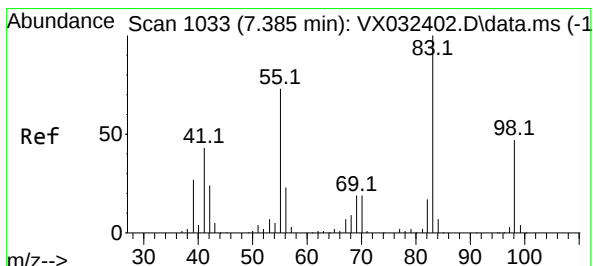
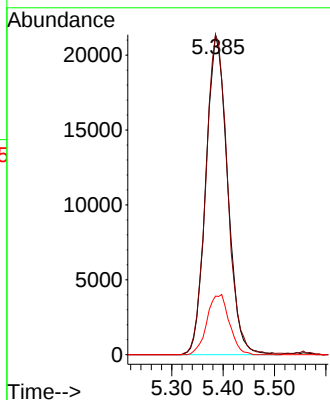
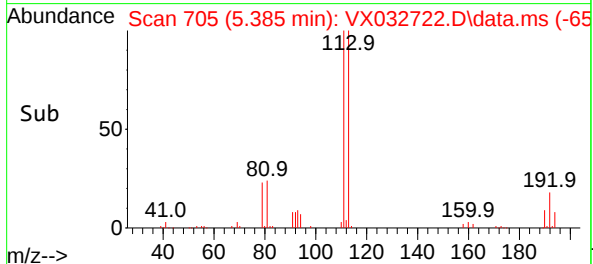


#35
Dibromofluoromethane
Concen: 46.040 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX032722.D
Acq: 10 Nov 2022 12:51

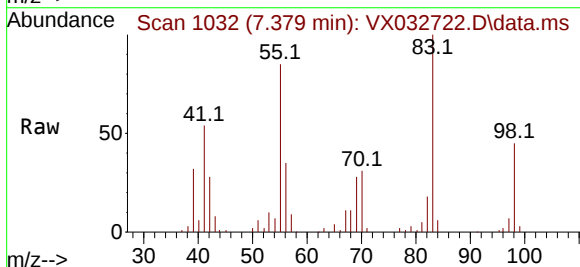
Instrument :
MSVOA_X
ClientSampleId :
PL-05-110722MEDL



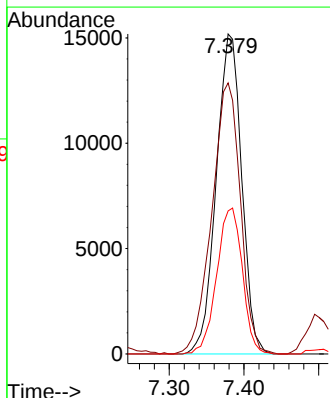
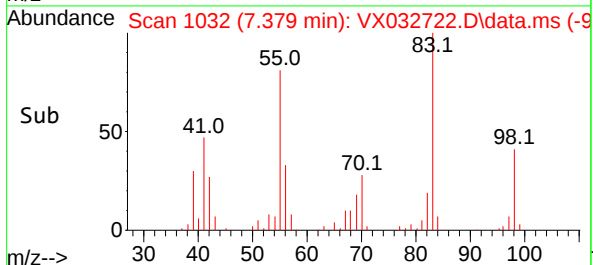
Tgt Ion:113 Resp: 62305
Ion Ratio Lower Upper
113 100
111 100.8 82.4 123.6
192 19.4 15.4 23.2

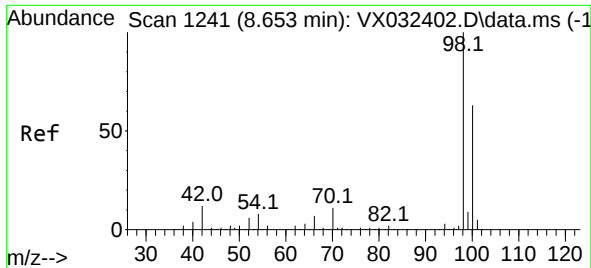


#39
Methylcyclohexane
Concen: 16.114 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX032722.D
Acq: 10 Nov 2022 12:51



Tgt Ion: 83 Resp: 35928
Ion Ratio Lower Upper
83 100
55 84.7 58.4 87.6
98 44.7 37.2 55.8

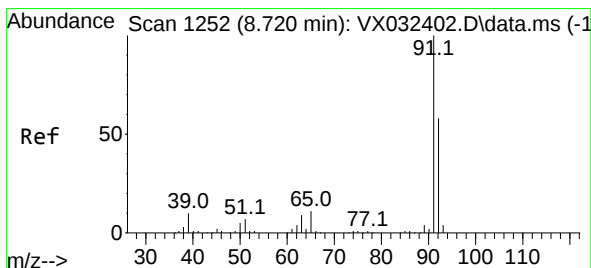
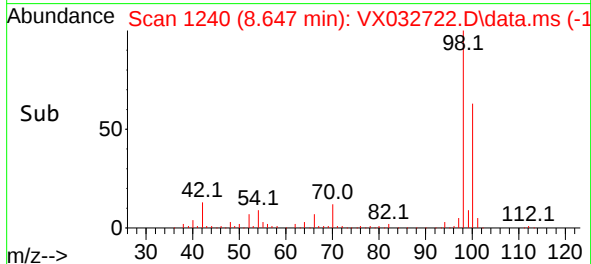
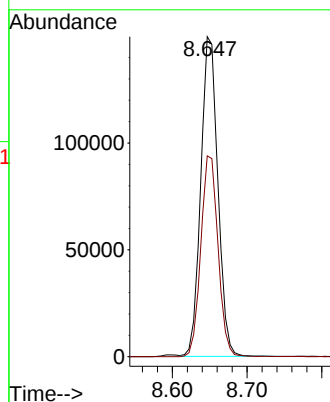
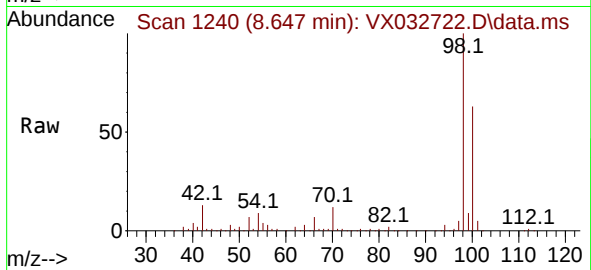




#50
Toluene-d8
Concen: 50.419 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032722.D
Acq: 10 Nov 2022 12:51

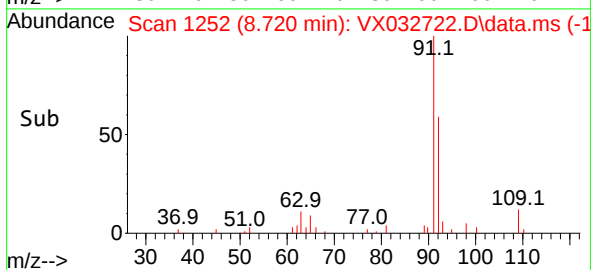
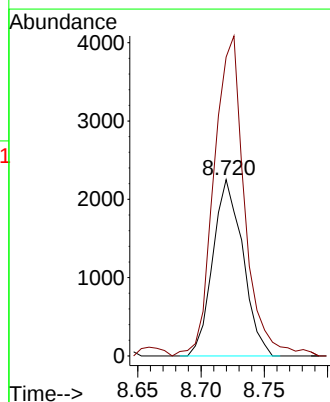
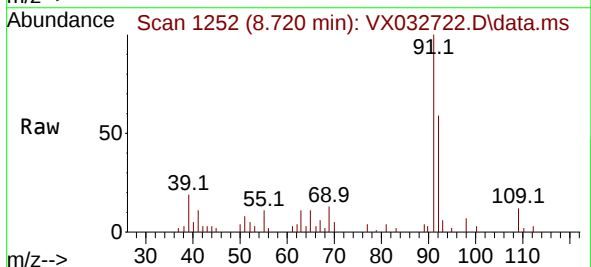
Instrument :
MSVOA_X
ClientSampleId :
PL-05-110722MEDL

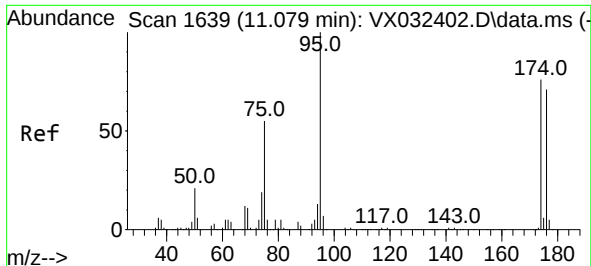
Tgt Ion: 98 Resp: 237255
Ion Ratio Lower Upper
98 100
100 63.3 50.9 76.3



#52
Toluene
Concen: 1.070 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX032722.D
Acq: 10 Nov 2022 12:51

Tgt Ion: 92 Resp: 3722
Ion Ratio Lower Upper
92 100
91 184.5 138.3 207.5

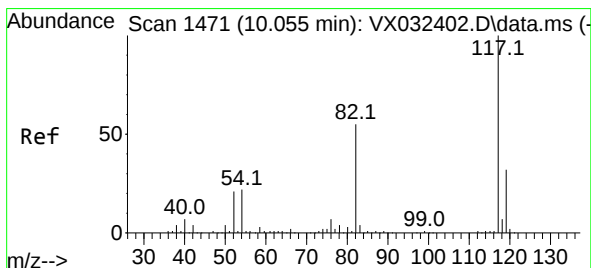
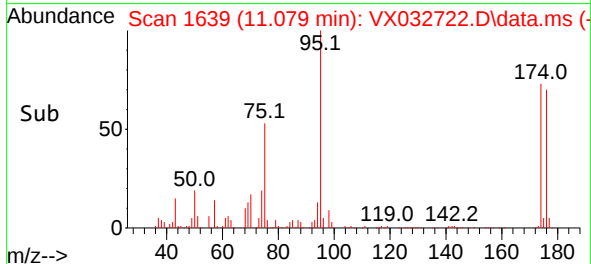
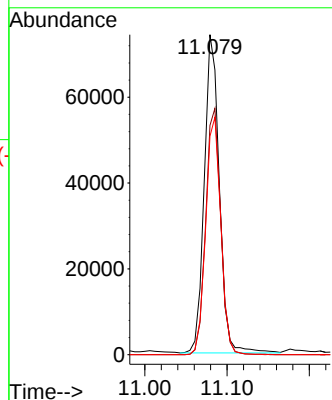
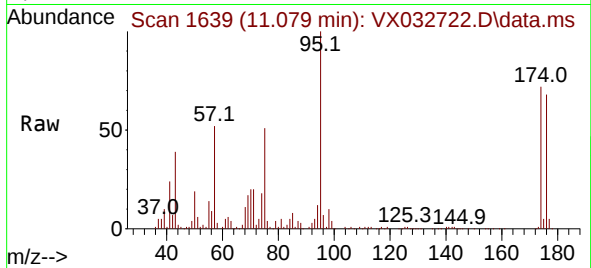




#62
4-Bromofluorobenzene
Concen: 51.492 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX032722.D
Acq: 10 Nov 2022 12:51

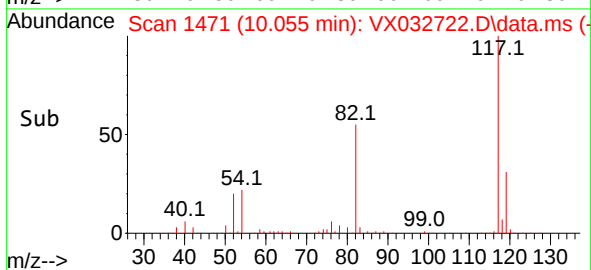
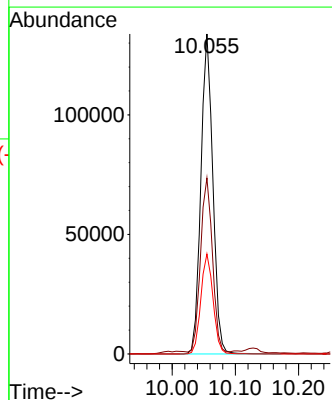
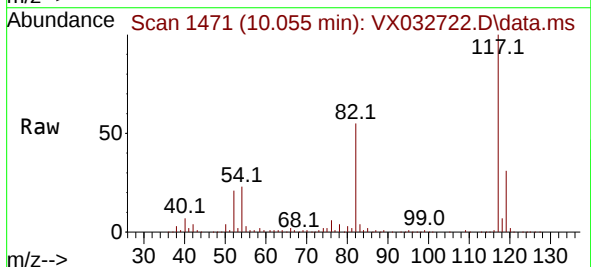
Instrument :
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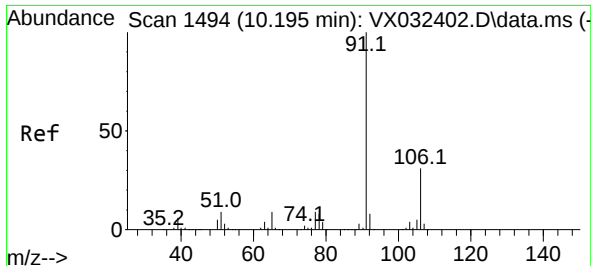
Tgt Ion: 95 Resp: 94650
Ion Ratio Lower Upper
95 100
174 77.1 0.0 164.0
176 74.6 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032722.D
Acq: 10 Nov 2022 12:51

Tgt Ion: 117 Resp: 176058
Ion Ratio Lower Upper
117 100
82 54.7 44.3 66.5
119 31.2 25.7 38.5





#67

Ethyl Benzene

Concen: 27.724 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX032722.D

Acq: 10 Nov 2022 12:51

Instrument :

MSVOA_X

ClientSampleId :

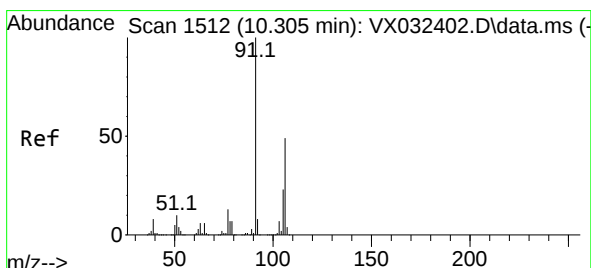
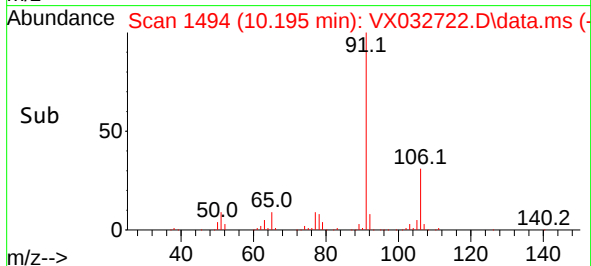
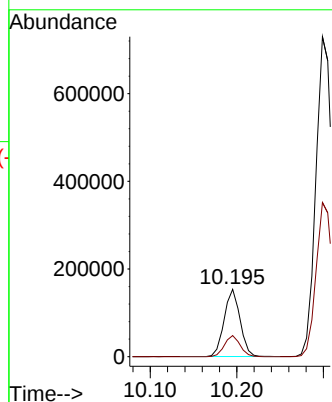
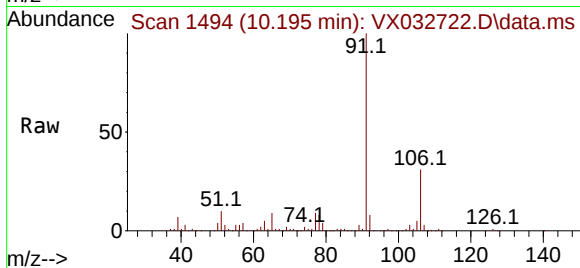
PL-05-110722MEDL

Tgt Ion: 91 Resp: 195518

Ion Ratio Lower Upper

91 100

106 31.4 25.0 37.6



#68

m/p-Xylenes

Concen: 171.965 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.006 min

Lab File: VX032722.D

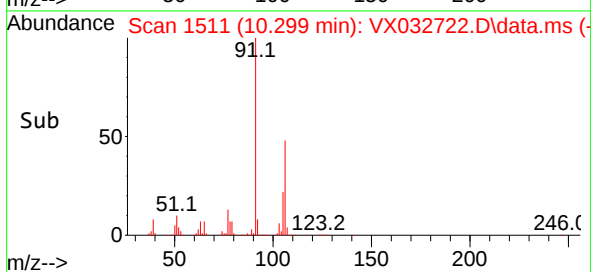
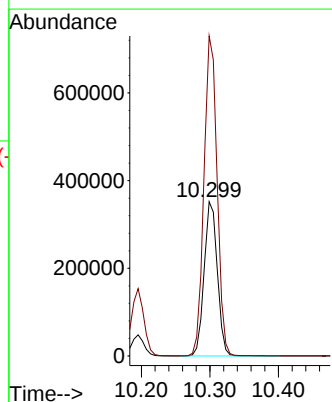
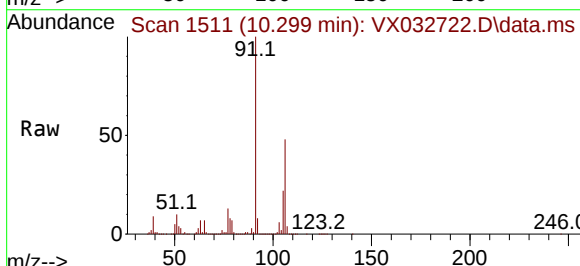
Acq: 10 Nov 2022 12:51

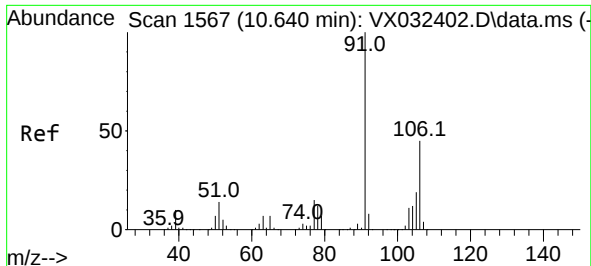
Tgt Ion:106 Resp: 470927

Ion Ratio Lower Upper

106 100

91 206.9 164.5 246.7

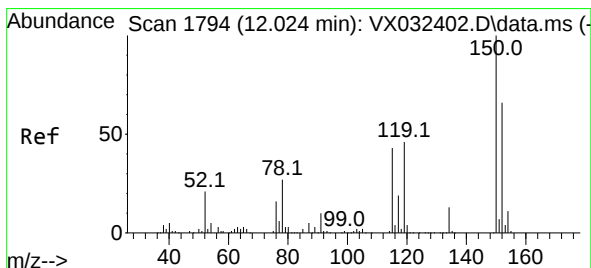
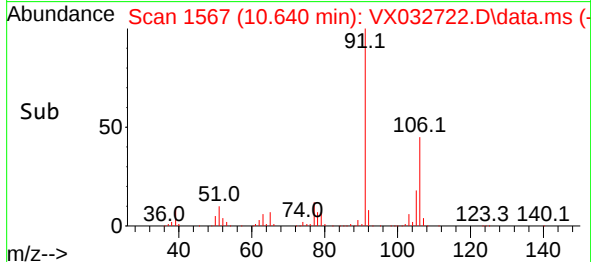
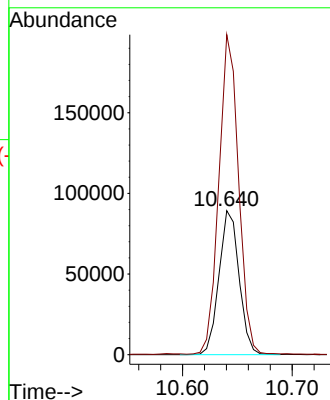
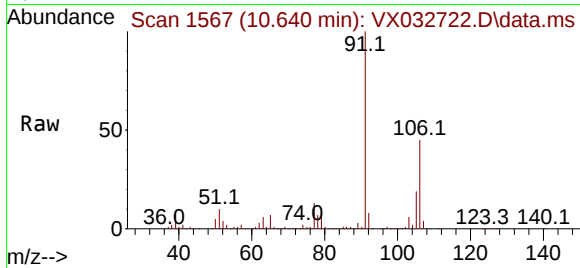




#69
o-Xylene
Concen: 42.779 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032722.D
Acq: 10 Nov 2022 12:51

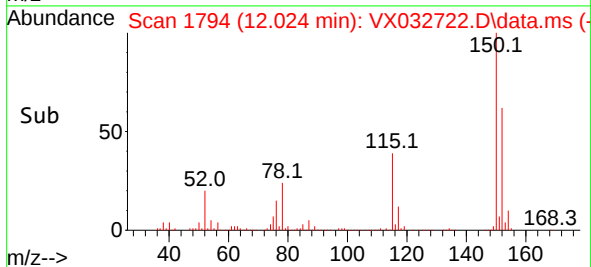
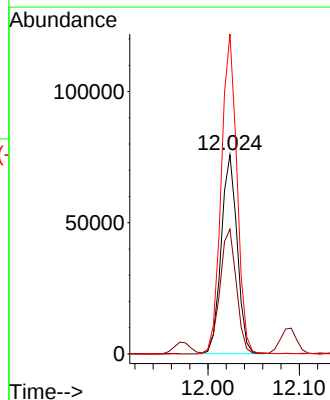
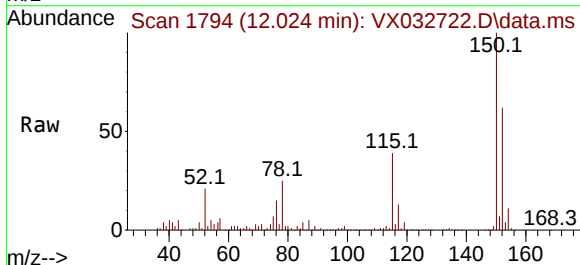
Instrument :
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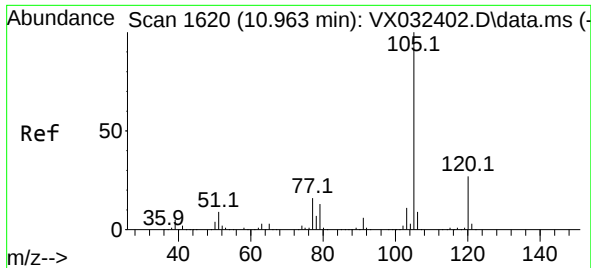
Tgt Ion:106 Resp: 113901
Ion Ratio Lower Upper
106 100
91 218.3 109.2 327.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX032722.D
Acq: 10 Nov 2022 12:51

Tgt Ion:152 Resp: 91987
Ion Ratio Lower Upper
152 100
115 64.8 44.0 132.0
150 159.0 0.0 351.8

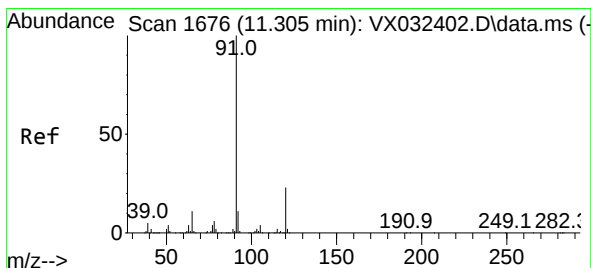
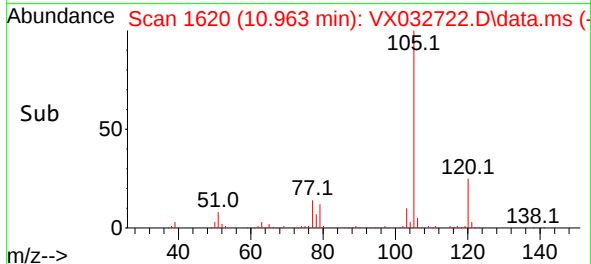
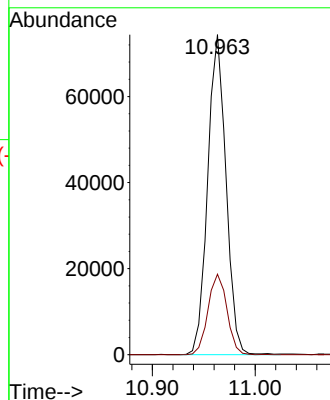
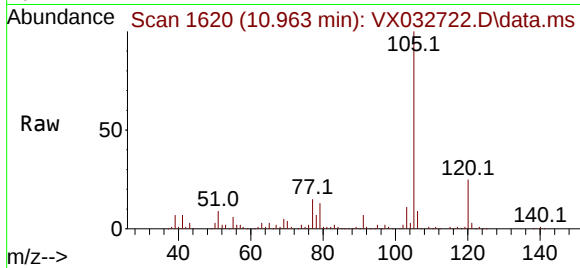




#73
Isopropylbenzene
Concen: 12.632 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX032722.D
Acq: 10 Nov 2022 12:51

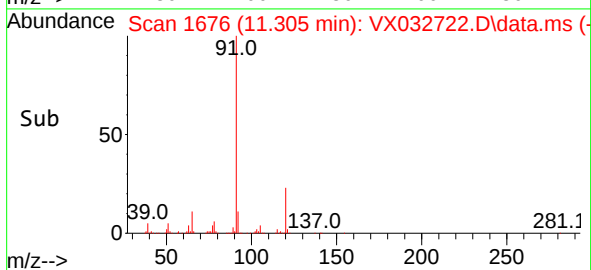
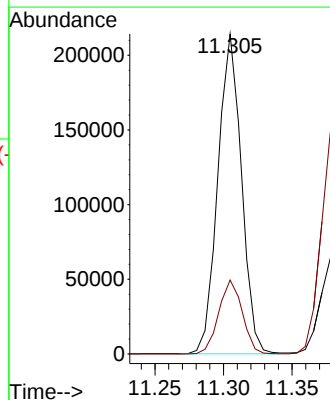
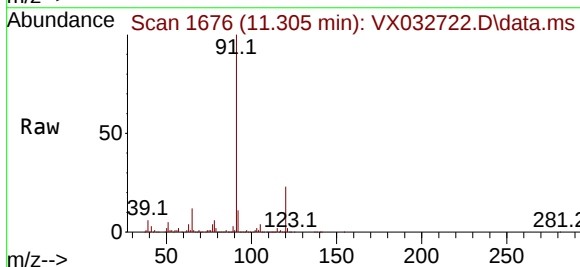
Instrument :
MSVOA_X
ClientSampleId :
PL-05-110722MEDL

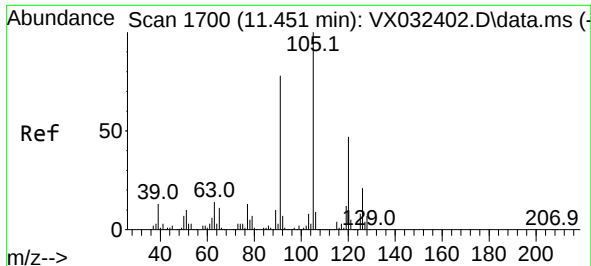
Tgt Ion:105 Resp: 92076
Ion Ratio Lower Upper
105 100
120 26.0 13.1 39.3



#78
n-propylbenzene
Concen: 30.467 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX032722.D
Acq: 10 Nov 2022 12:51

Tgt Ion: 91 Resp: 255871
Ion Ratio Lower Upper
91 100
120 23.1 11.6 34.8

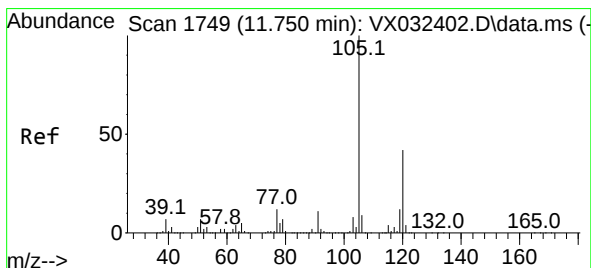
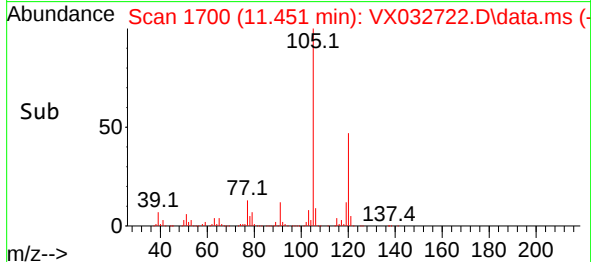
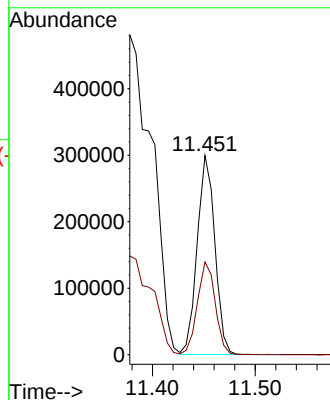
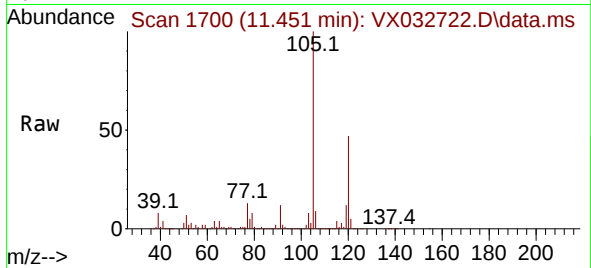




#80
1,3,5-Trimethylbenzene
Concen: 57.637 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX032722.D
Acq: 10 Nov 2022 12:51

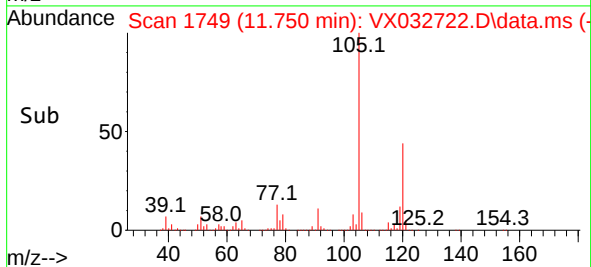
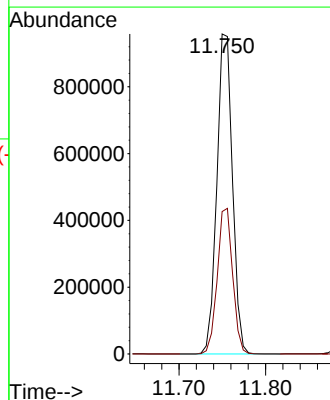
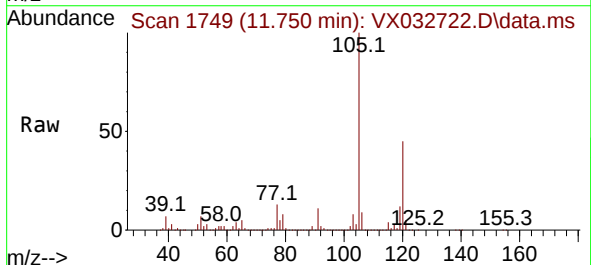
Instrument :
MSVOA_X
ClientSampleId :
PL-05-110722MEDL

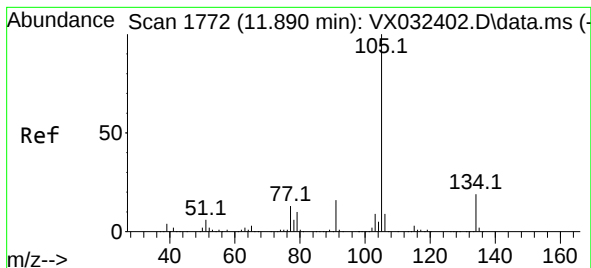
Tgt Ion:105 Resp: 359068
Ion Ratio Lower Upper
105 100
120 46.9 23.6 71.0



#84
1,2,4-Trimethylbenzene
Concen: 193.512 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX032722.D
Acq: 10 Nov 2022 12:51

Tgt Ion:105 Resp: 1199037
Ion Ratio Lower Upper
105 100
120 44.9 21.9 65.5





#85

sec-Butylbenzene

Concen: 7.018 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX032722.D

Acq: 10 Nov 2022 12:51

Instrument :

MSVOA_X

ClientSampleId :

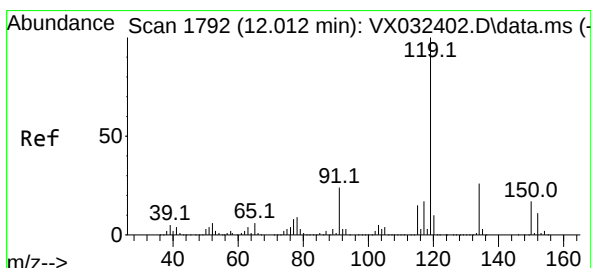
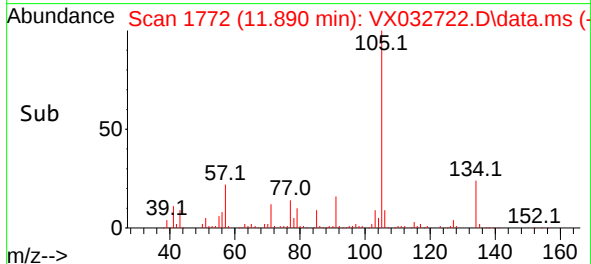
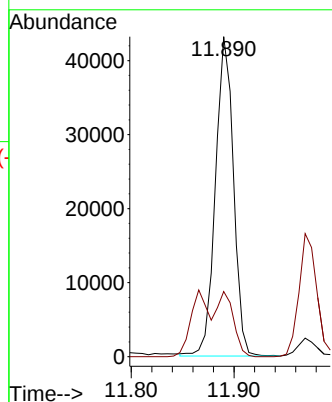
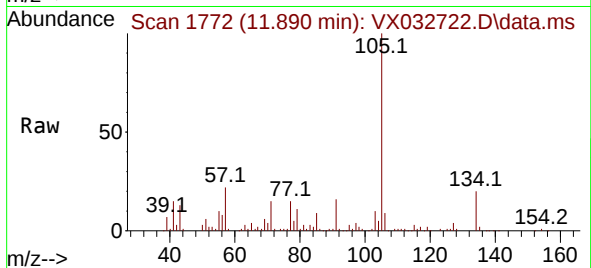
PL-05-110722MEDL

Tgt Ion:105 Resp: 52524

Ion Ratio Lower Upper

105 100

134 18.9 9.9 29.7



#86

p-Isopropyltoluene

Concen: 4.507 ug/l m

RT: 12.012 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VX032722.D

Acq: 10 Nov 2022 12:51

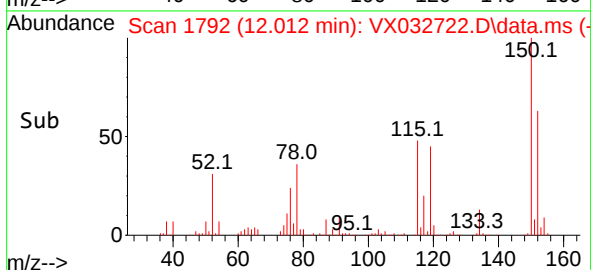
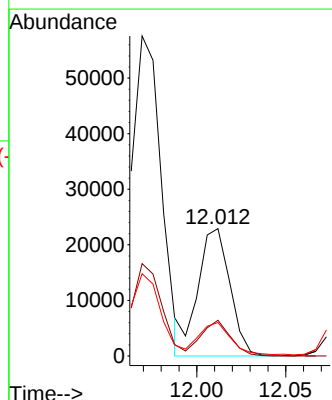
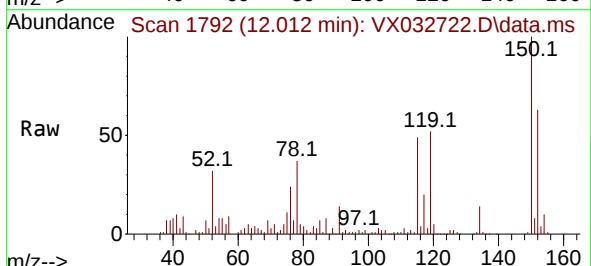
Tgt Ion:119 Resp: 28623

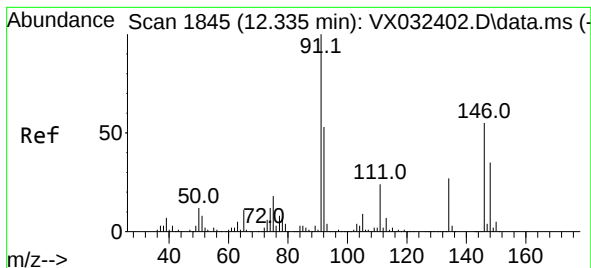
Ion Ratio Lower Upper

119 100

134 0.0 12.9 38.7#

91 0.0 12.5 37.5#





#89

n-Butylbenzene

Concen: 32.168 ug/l

RT: 12.329 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX032722.D

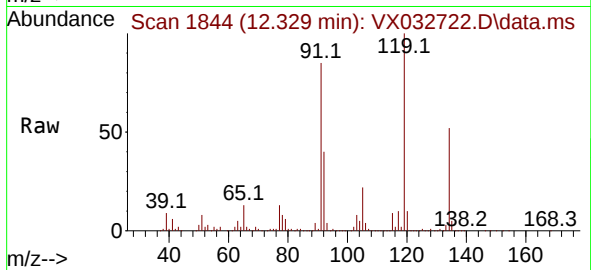
Acq: 10 Nov 2022 12:51

Instrument :

MSVOA_X

ClientSampleId :

PL-05-110722MEDL



Tgt Ion: 91 Resp: 177716

Ion Ratio Lower Upper

91 100

92 37.0 26.2 78.6

134 89.4 12.9 38.6#

