

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110122\
 Data File : VX032523.D
 Acq On : 01 Nov 2022 19:04
 Operator : JC/MD
 Sample : N5414-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW3

Quant Time: Nov 02 05:37:36 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)

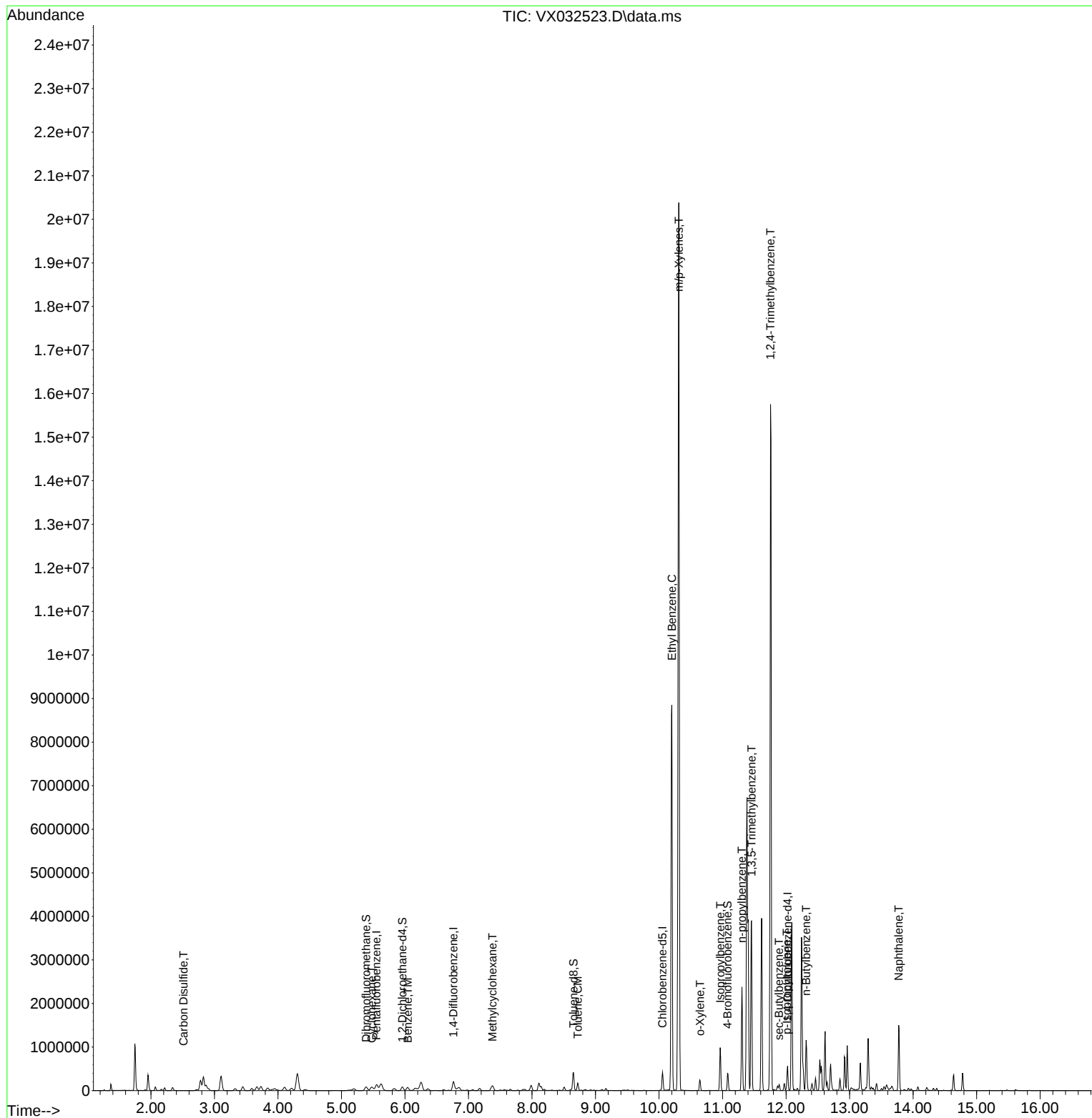
Internal Standards						
1) Pentafluorobenzene	5.550	168	126353	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	204120	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	183028	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	106068	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	83287	47.440	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.880%
35) Dibromofluoromethane	5.385	113	66896	45.945	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.880%
50) Toluene-d8	8.653	98	248742	49.131	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.260%
62) 4-Bromofluorobenzene	11.079	95	104645	52.913	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.820%
Target Compounds						
					Qvalue	
17) Carbon Disulfide	2.514	76	4087	1.354	ug/l	98
31) Cyclohexane	5.477	56	57549	27.035	ug/l	95
39) Methylcyclohexane	7.379	83	44012	18.347	ug/l #	88
40) Benzene	6.044	78	87032	15.169	ug/l	99
52) Toluene	8.720	92	61261	16.365	ug/l	98
67) Ethyl Benzene	10.201	91	4989450	680.540	ug/l	93
68) m/p-Xylenes	10.311	106	4867530	1709.754	ug/l	83
69) o-Xylene	10.646	106	52247	18.875	ug/l	99
73) Isopropylbenzene	10.963	105	486815	57.920	ug/l	100
78) n-propylbenzene	11.305	91	1361200	140.566	ug/l	100
80) 1,3,5-Trimethylbenzene	11.457	105	1733683	241.344	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	6668969	933.419	ug/l	91
85) sec-Butylbenzene	11.890	105	75323m	8.729	ug/l	
86) p-Isopropyltoluene	12.012	119	30193	4.123	ug/l #	74
89) n-Butylbenzene	12.317	91	136320	21.399	ug/l #	7
95) Naphthalene	13.774	128	928843	111.547	ug/l	100

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

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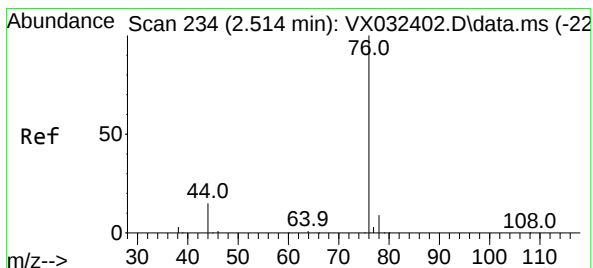
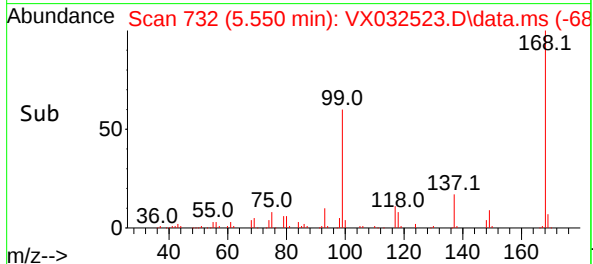
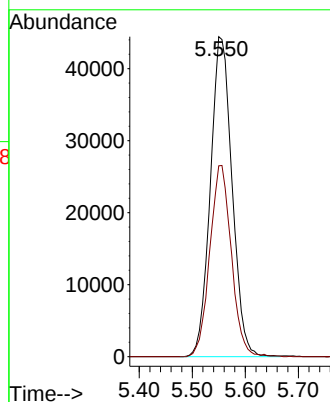
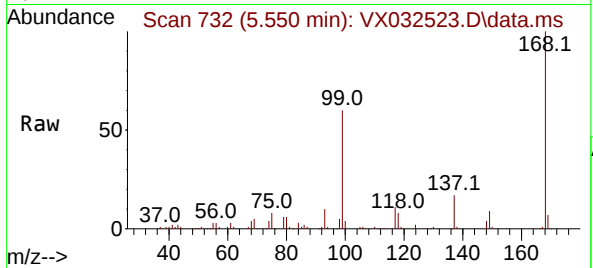




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 733
Delta R.T. -0.006 min
Lab File: VX032523.D
Acq: 01 Nov 2022 19:04

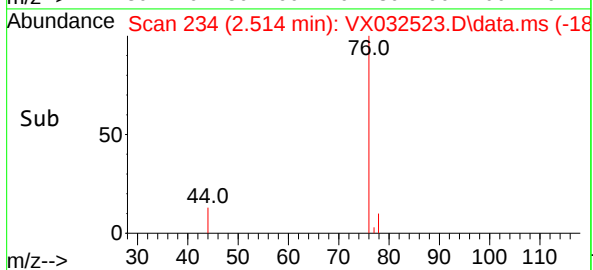
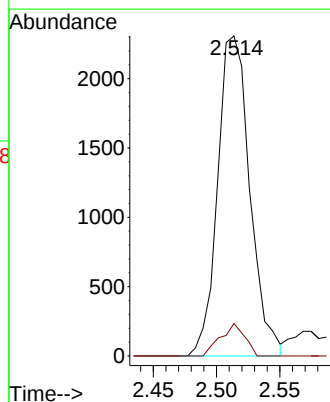
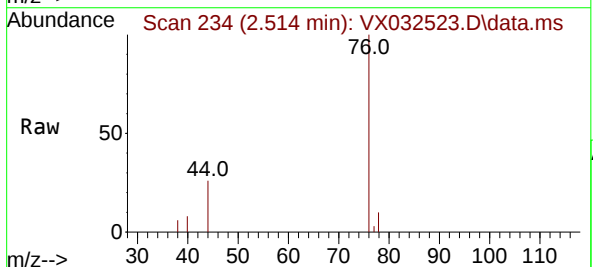
Instrument :
MSVOA_X
ClientSampleId :
MW3

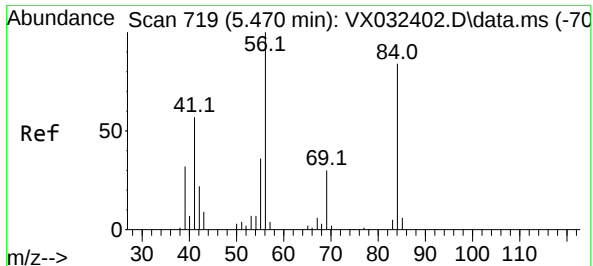
Tgt Ion:168 Resp: 126353
Ion Ratio Lower Upper
168 100
99 59.7 46.1 69.1



#17
Carbon Disulfide
Concen: 1.354 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX032523.D
Acq: 01 Nov 2022 19:04

Tgt Ion: 76 Resp: 4087
Ion Ratio Lower Upper
76 100
78 10.1 7.5 11.3

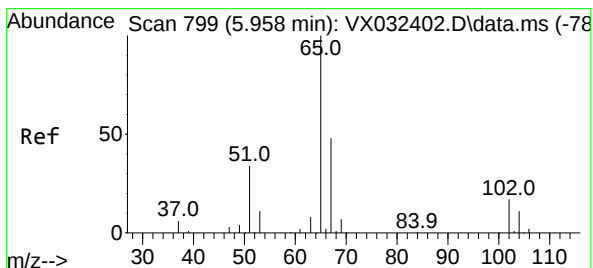
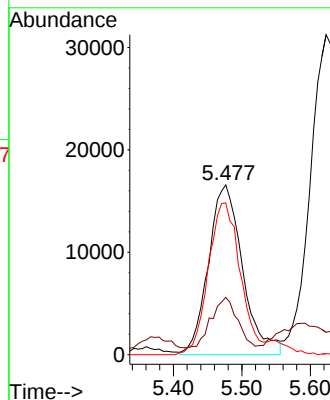
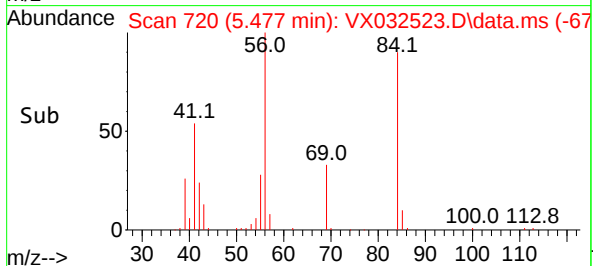
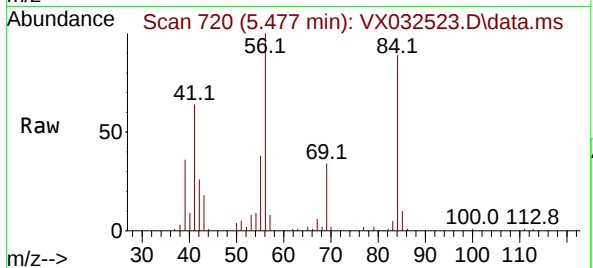




#31
Cyclohexane
Concen: 27.035 ug/l
RT: 5.477 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX032523.D
Acq: 01 Nov 2022 19:04

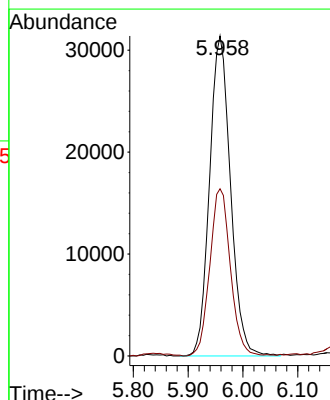
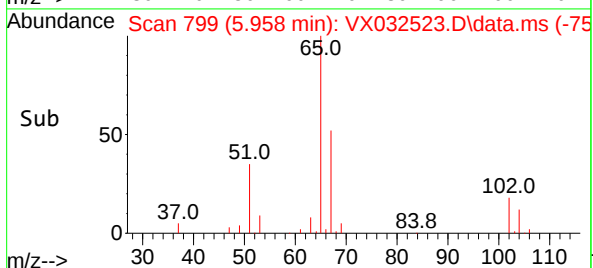
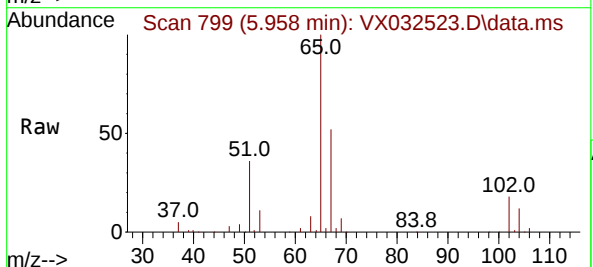
Instrument :
MSVOA_X
ClientSampleId :
MW3

Tgt Ion: 56 Resp: 57549
Ion Ratio Lower Upper
56 100
69 29.9 24.1 36.1
84 89.5 66.9 100.3



#33
1,2-Dichloroethane-d4
Concen: 47.440 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032523.D
Acq: 01 Nov 2022 19:04

Tgt Ion: 65 Resp: 83287
Ion Ratio Lower Upper
65 100
67 51.4 0.0 101.8

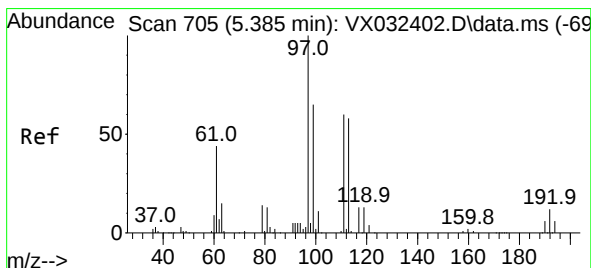
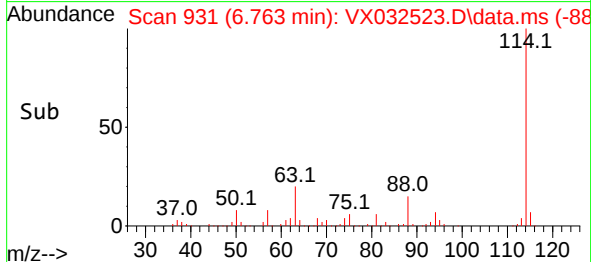
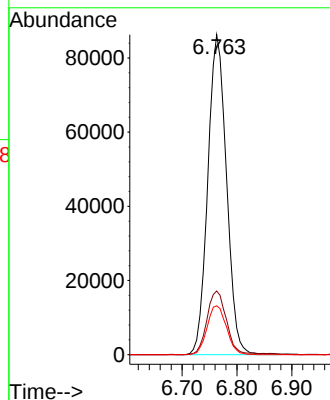
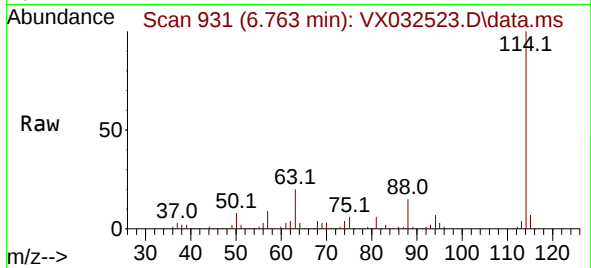




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX032523.D
Acq: 01 Nov 2022 19:04

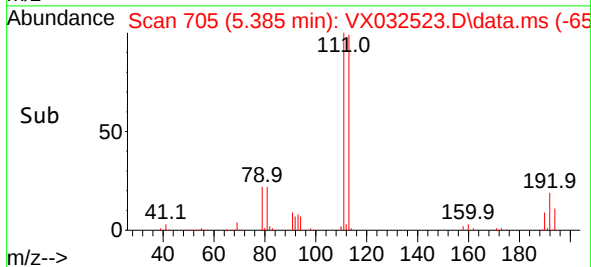
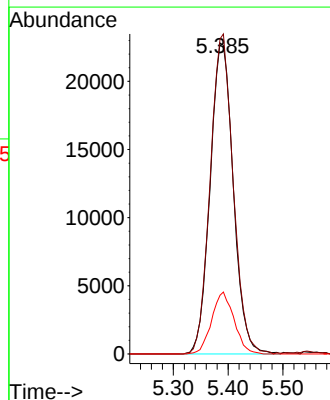
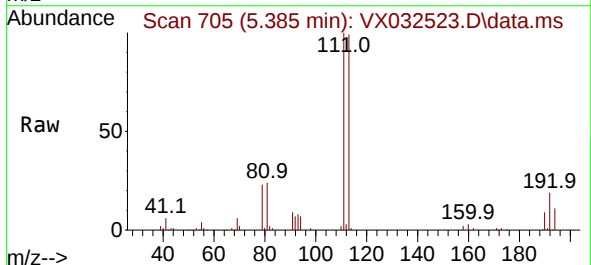
Instrument :
MSVOA_X
ClientSampleId :
MW3

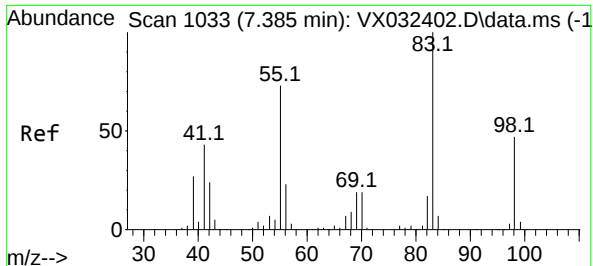
Tgt Ion:114 Resp: 204120
Ion Ratio Lower Upper
114 100
63 19.9 0.0 41.6
88 15.3 0.0 33.4



#35
Dibromofluoromethane
Concen: 45.945 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX032523.D
Acq: 01 Nov 2022 19:04

Tgt Ion:113 Resp: 66896
Ion Ratio Lower Upper
113 100
111 101.8 82.4 123.6
192 19.3 15.4 23.2





#39

Methylcyclohexane

Concen: 18.347 ug/l

RT: 7.379 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX032523.D

Acq: 01 Nov 2022 19:04

Instrument :

MSVOA_X

ClientSampleId :

MW3

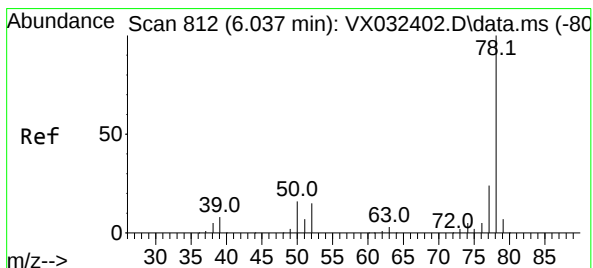
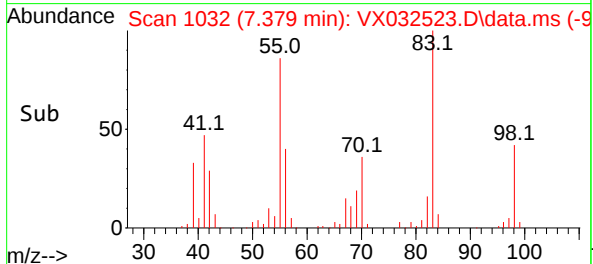
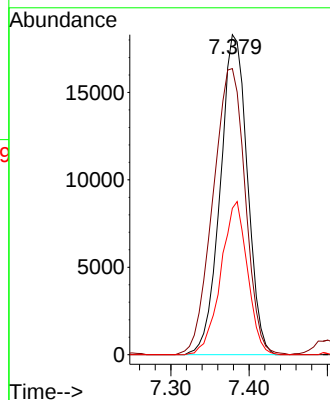
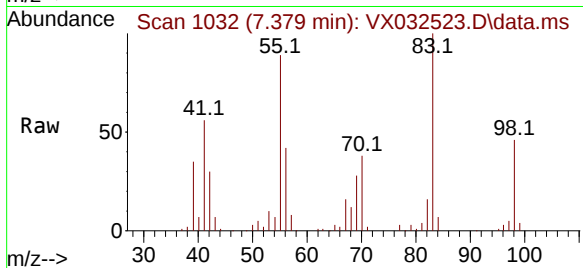
Tgt Ion: 83 Resp: 44012

Ion Ratio Lower Upper

83 100

55 88.9 58.4 87.6#

98 45.8 37.2 55.8



#40

Benzene

Concen: 15.169 ug/l

RT: 6.044 min Scan# 813

Delta R.T. 0.006 min

Lab File: VX032523.D

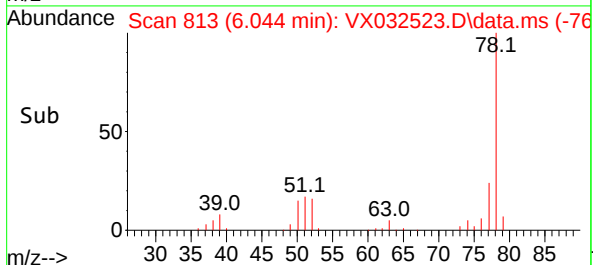
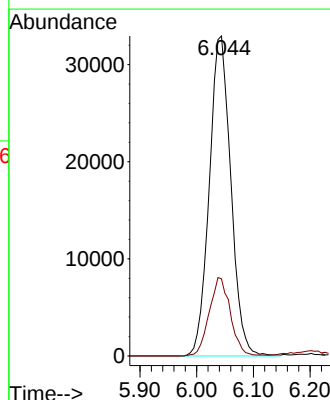
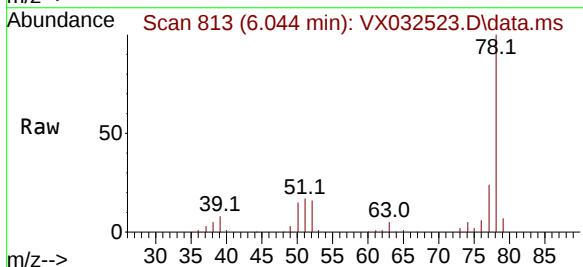
Acq: 01 Nov 2022 19:04

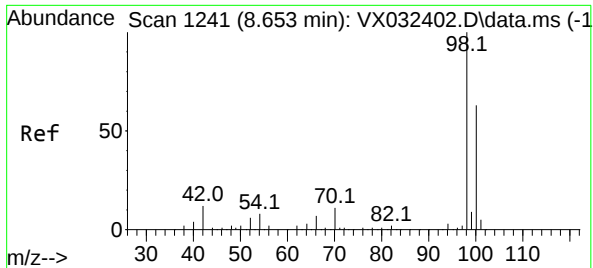
Tgt Ion: 78 Resp: 87032

Ion Ratio Lower Upper

78 100

77 24.1 19.0 28.4

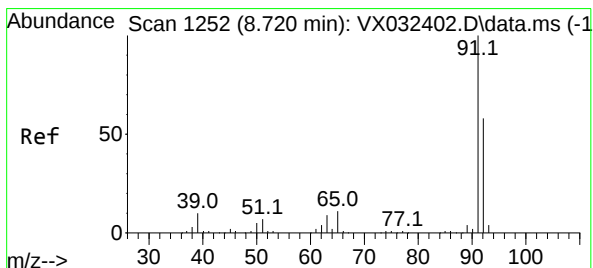
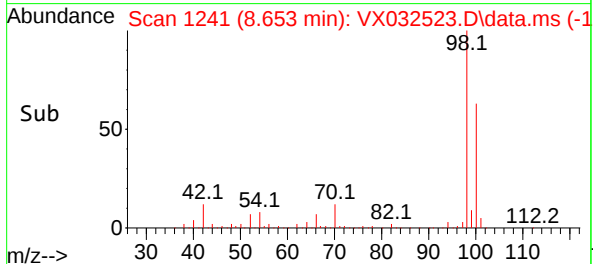
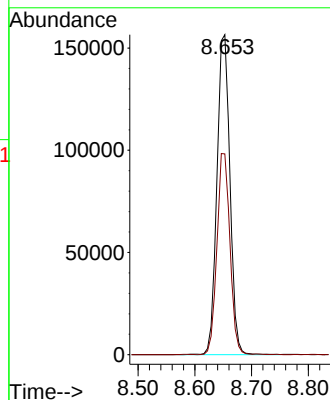
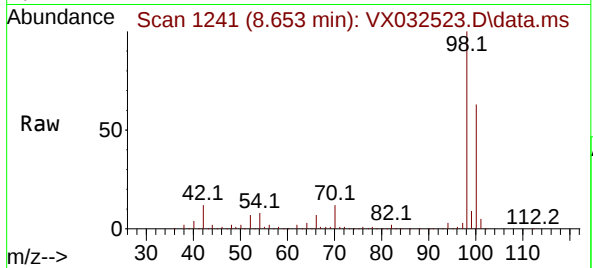




#50
Toluene-d8
Concen: 49.131 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX032523.D
Acq: 01 Nov 2022 19:04

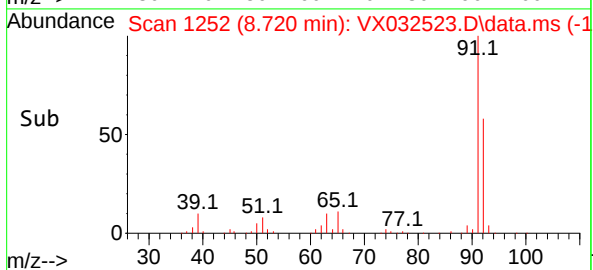
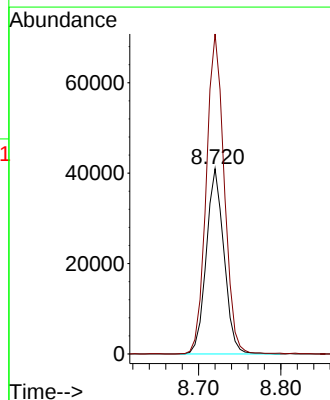
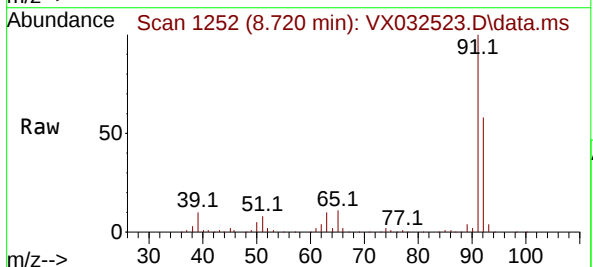
Instrument :
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MW3

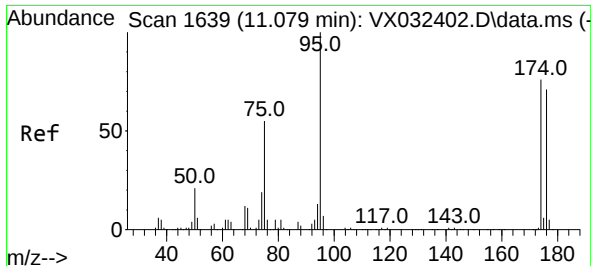
Tgt Ion: 98 Resp: 248742
Ion Ratio Lower Upper
98 100
100 63.1 50.9 76.3



#52
Toluene
Concen: 16.365 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX032523.D
Acq: 01 Nov 2022 19:04

Tgt Ion: 92 Resp: 61261
Ion Ratio Lower Upper
92 100
91 175.3 138.3 207.5





#62

4-Bromofluorobenzene

Concen: 52.913 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX032523.D

Acq: 01 Nov 2022 19:04

Instrument :

MSVOA_X

ClientSampleId :

MW3

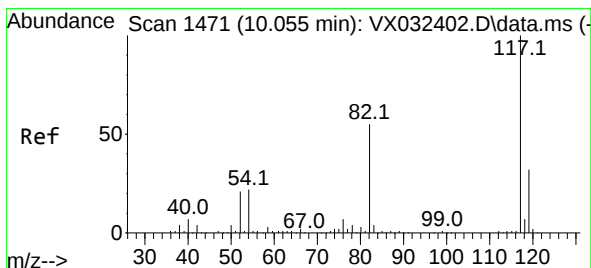
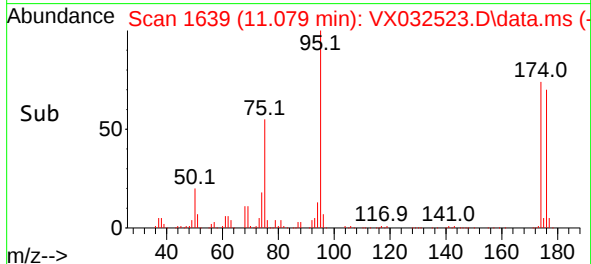
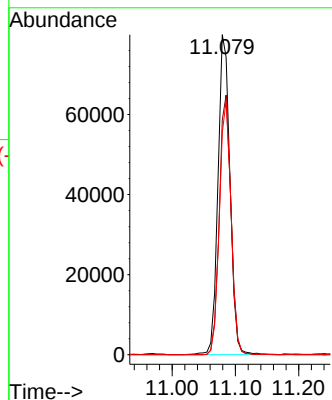
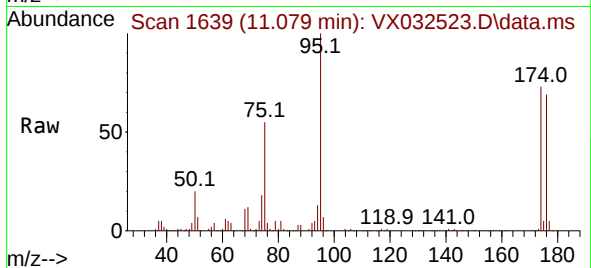
Tgt Ion: 95 Resp: 104645

Ion Ratio Lower Upper

95 100

174 78.9 0.0 164.0

176 77.0 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: VX032523.D

Acq: 01 Nov 2022 19:04

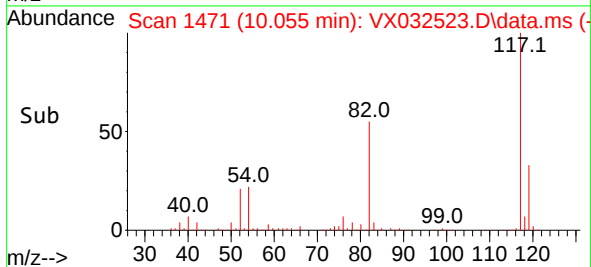
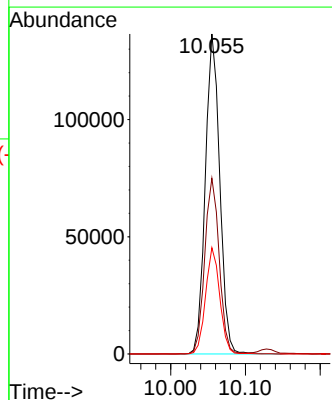
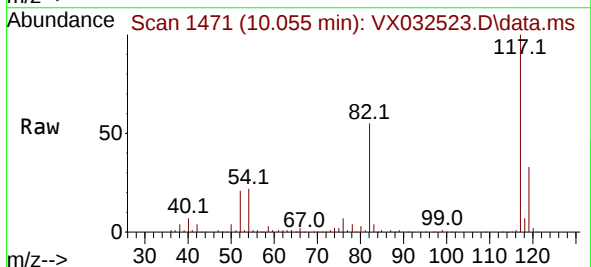
Tgt Ion: 117 Resp: 183028

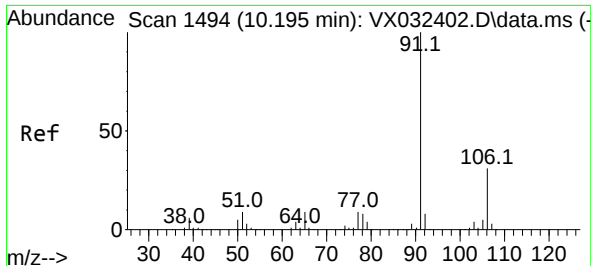
Ion Ratio Lower Upper

117 100

82 54.8 44.3 66.5

119 33.2 25.7 38.5





#67

Ethyl Benzene

Concen: 680.540 ug/l

RT: 10.201 min Scan# 1495

Delta R.T. 0.006 min

Lab File: VX032523.D

Acq: 01 Nov 2022 19:04

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ClientSampleId :

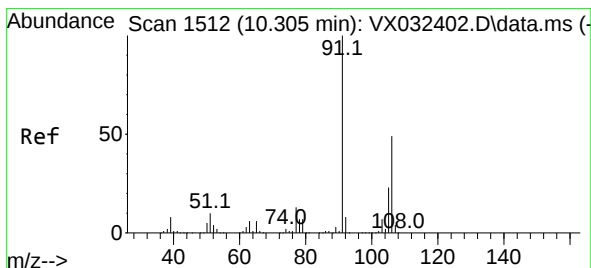
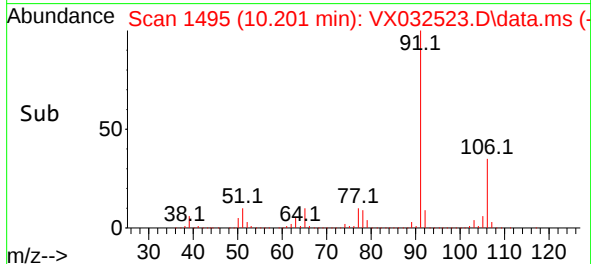
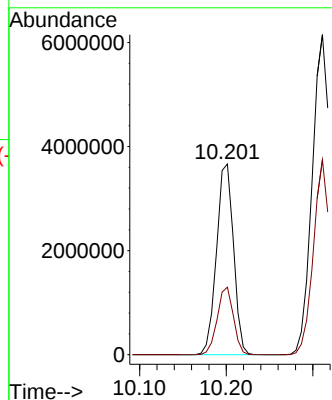
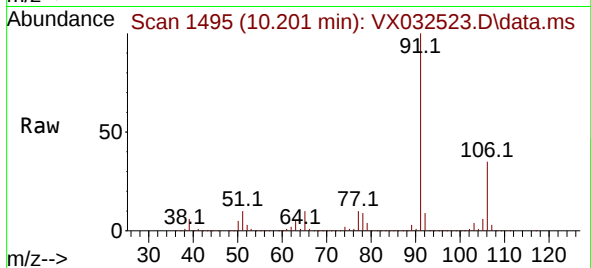
MW3

Tgt Ion: 91 Resp: 4989450

Ion Ratio Lower Upper

91 100

106 35.4 25.0 37.6



#68

m/p-Xylenes

Concen: 1709.754 ug/l

RT: 10.311 min Scan# 1513

Delta R.T. 0.006 min

Lab File: VX032523.D

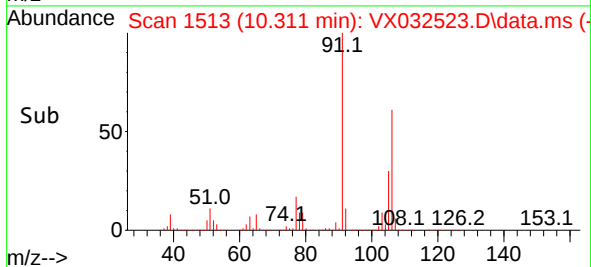
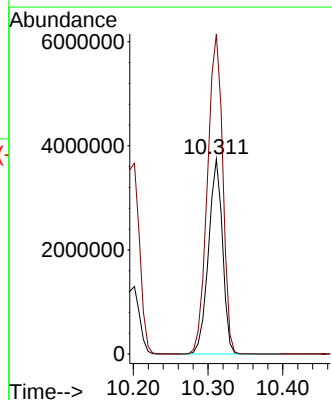
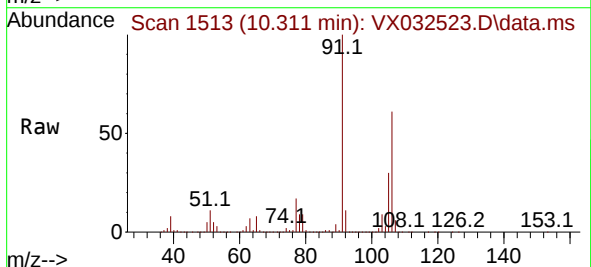
Acq: 01 Nov 2022 19:04

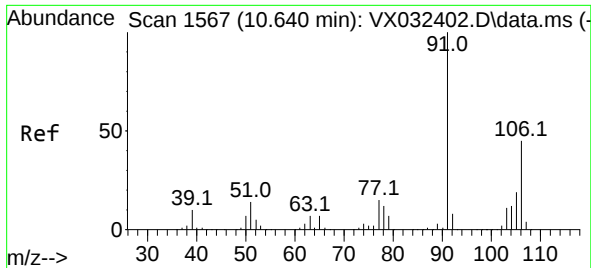
Tgt Ion:106 Resp: 4867530

Ion Ratio Lower Upper

106 100

91 179.2 164.5 246.7

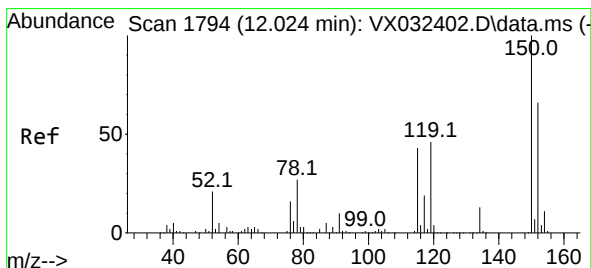
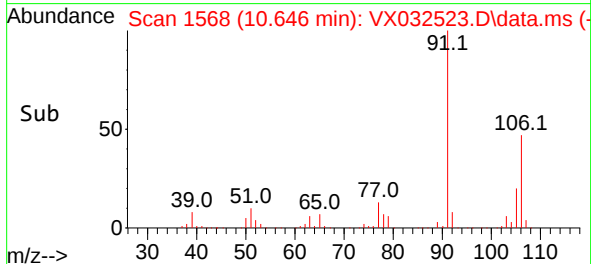
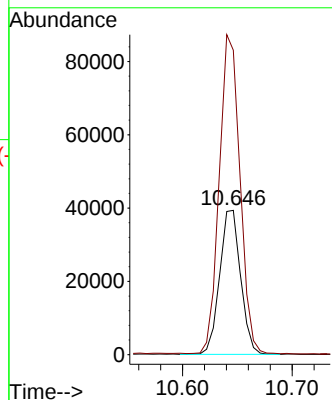
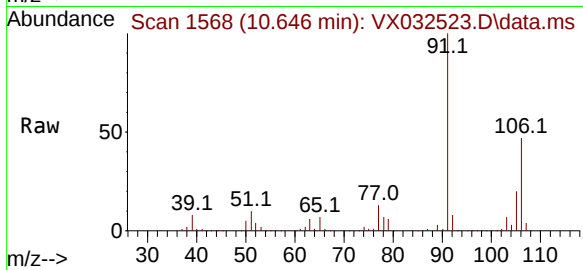




#69
o-Xylene
Concen: 18.875 ug/l
RT: 10.646 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VX032523.D
Acq: 01 Nov 2022 19:04

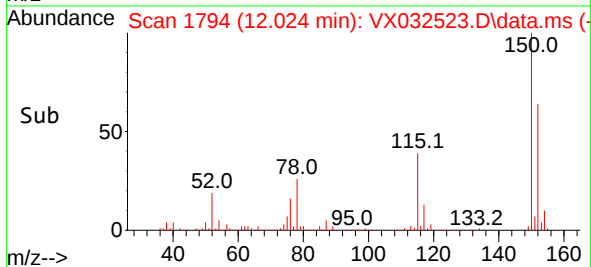
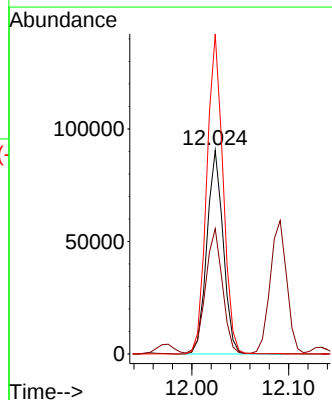
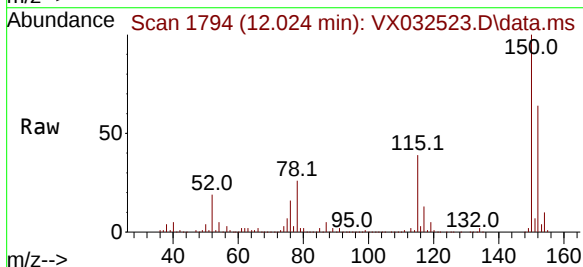
Instrument :
MSVOA_X
ClientSampleId :
MW3

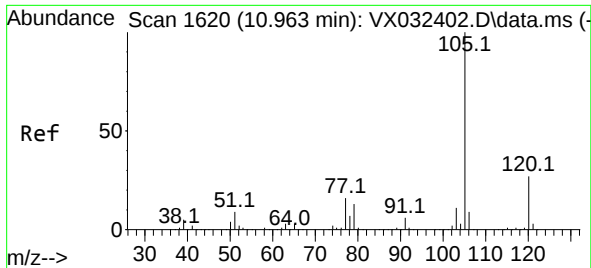
Tgt Ion:106 Resp: 52247
Ion Ratio Lower Upper
106 100
91 219.3 109.2 327.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX032523.D
Acq: 01 Nov 2022 19:04

Tgt Ion:152 Resp: 106068
Ion Ratio Lower Upper
152 100
115 63.2 44.0 132.0
150 157.0 0.0 351.8

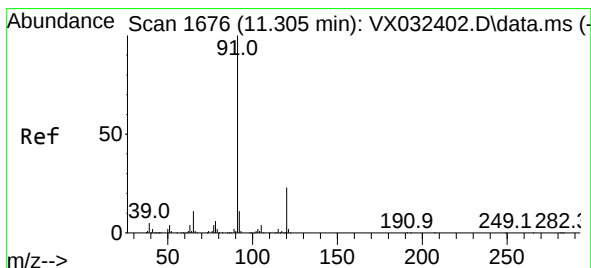
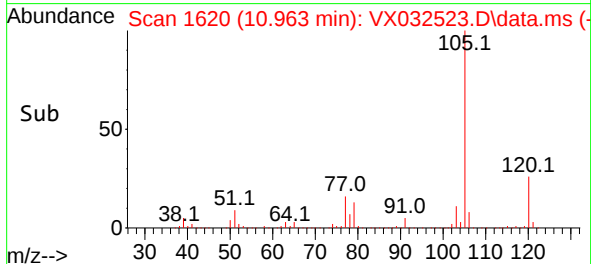
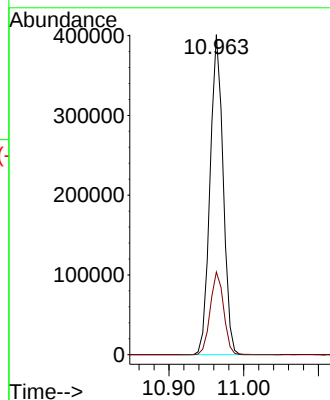
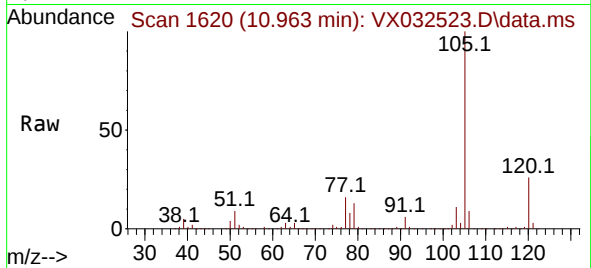




#73
Isopropylbenzene
Concen: 57.920 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX032523.D
Acq: 01 Nov 2022 19:04

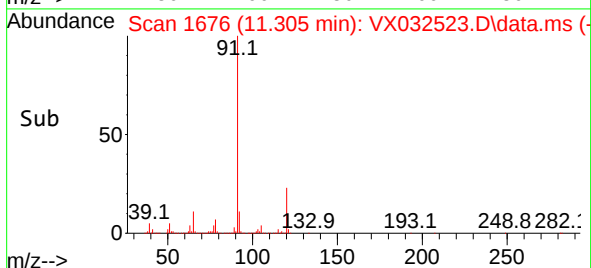
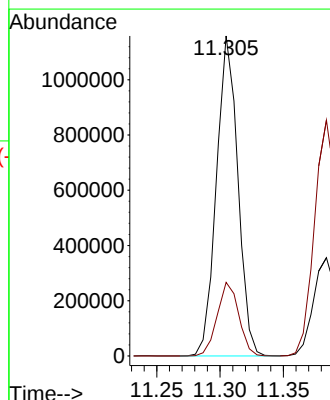
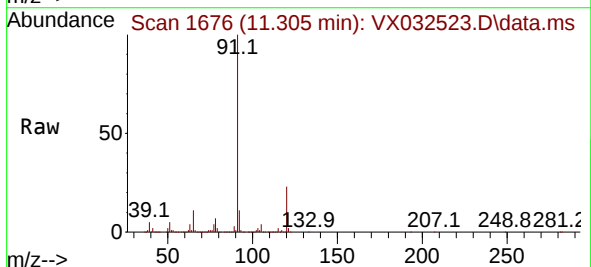
Instrument :
MSVOA_X
ClientSampleId :
MW3

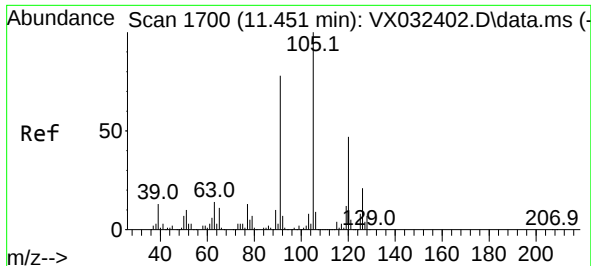
Tgt Ion:105 Resp: 486815
Ion Ratio Lower Upper
105 100
120 26.3 13.1 39.3



#78
n-propylbenzene
Concen: 140.566 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX032523.D
Acq: 01 Nov 2022 19:04

Tgt Ion: 91 Resp: 1361200
Ion Ratio Lower Upper
91 100
120 23.2 11.6 34.8

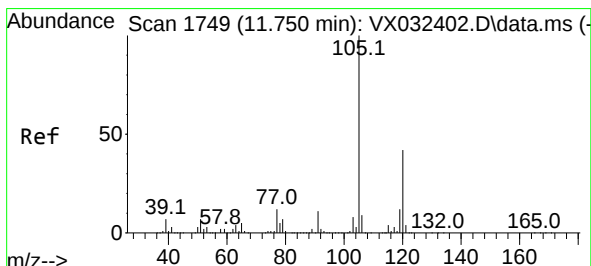
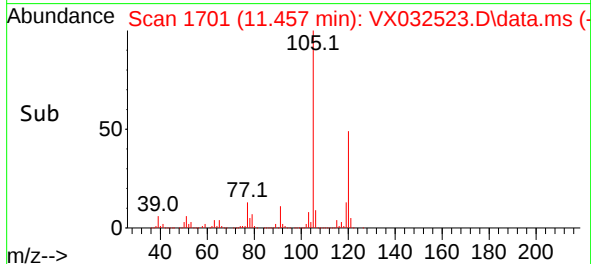
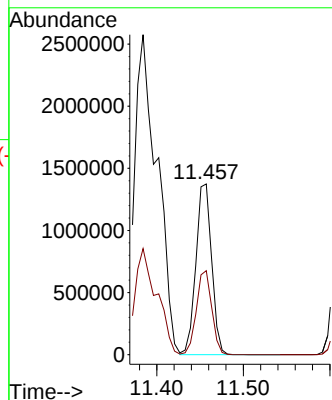
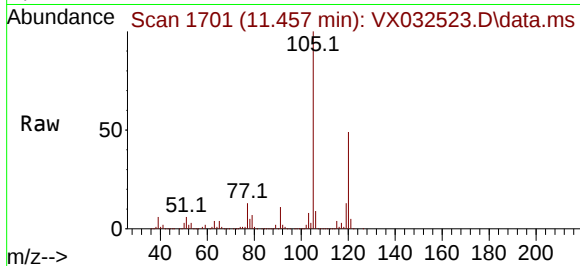




#80
 1,3,5-Trimethylbenzene
 Concen: 241.344 ug/l
 RT: 11.457 min Scan# 1700
 Delta R.T. 0.006 min
 Lab File: VX032523.D
 Acq: 01 Nov 2022 19:04

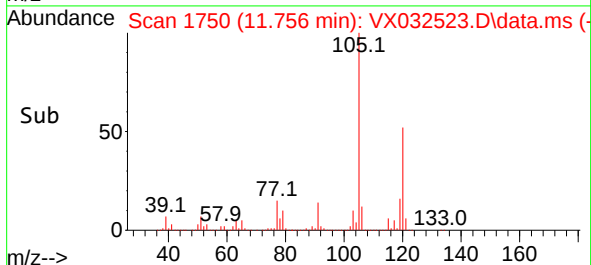
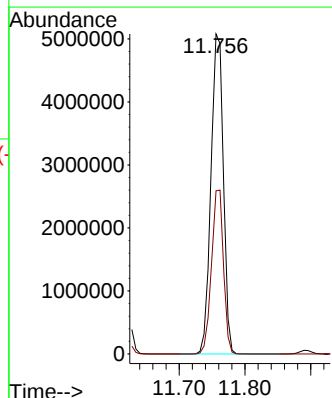
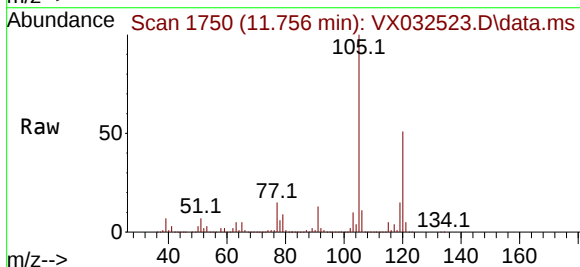
Instrument :
 MSVOA_X
 ClientSampleId :
 MW3

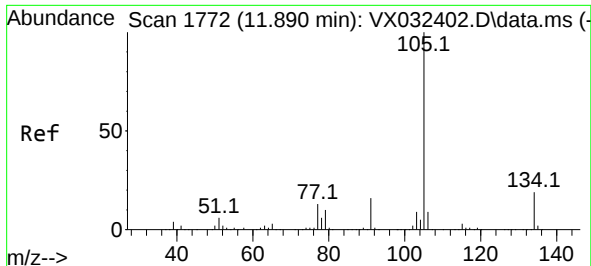
Tgt Ion:105 Resp: 1733683
 Ion Ratio Lower Upper
 105 100
 120 48.1 23.6 71.0



#84
 1,2,4-Trimethylbenzene
 Concen: 933.419 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. 0.006 min
 Lab File: VX032523.D
 Acq: 01 Nov 2022 19:04

Tgt Ion:105 Resp: 6668969
 Ion Ratio Lower Upper
 105 100
 120 49.4 21.9 65.5

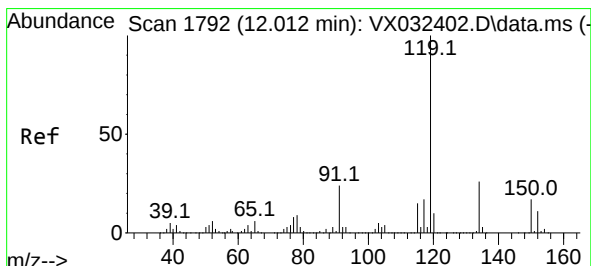
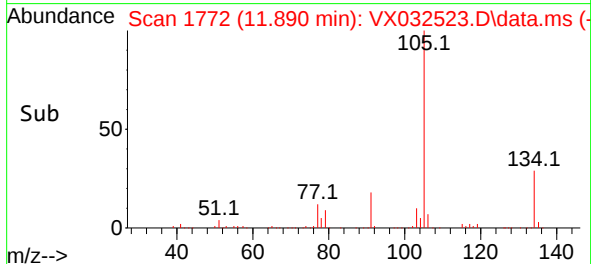
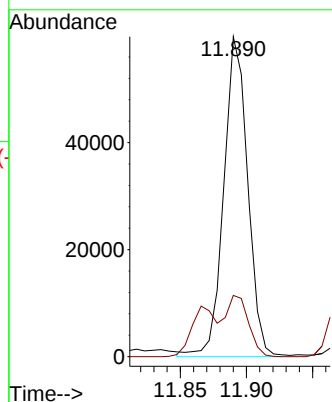
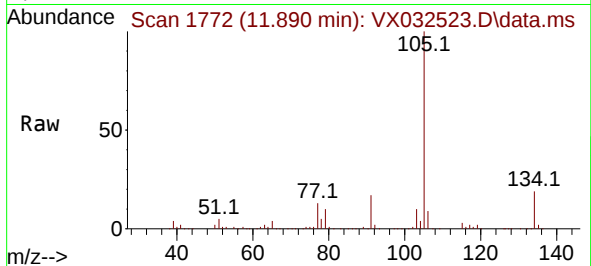




#85
 sec-Butylbenzene
 Concen: 8.729 ug/l m
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX032523.D
 Acq: 01 Nov 2022 19:04

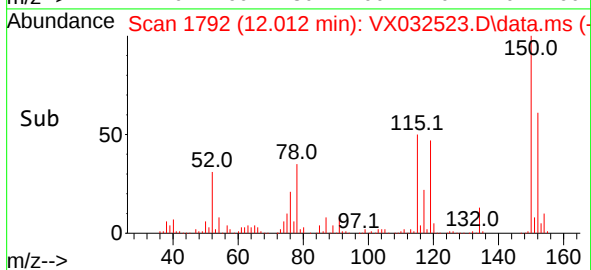
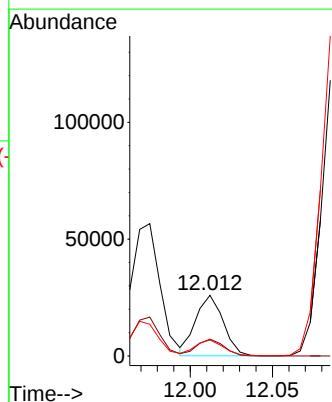
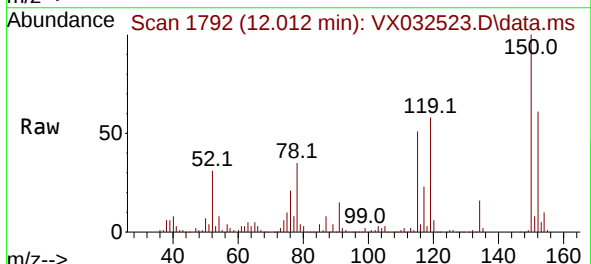
Instrument :
 MSVOA_X
 ClientSampleId :
 MW3

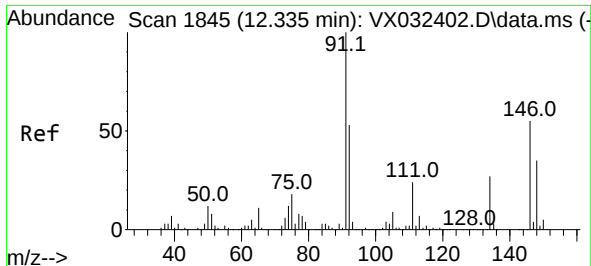
Tgt Ion:105 Resp: 75323
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.9 29.7#



#86
 p-Isopropyltoluene
 Concen: 4.123 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX032523.D
 Acq: 01 Nov 2022 19:04

Tgt Ion:119 Resp: 30193
 Ion Ratio Lower Upper
 119 100
 134 27.5 12.9 38.7
 91 0.0 12.5 37.5#





#89

n-Butylbenzene

Concen: 21.399 ug/l

RT: 12.317 min Scan# 1842

Delta R.T. -0.018 min

Lab File: VX032523.D

Acq: 01 Nov 2022 19:04

Instrument :

MSVOA_X

ClientSampleId :

MW3

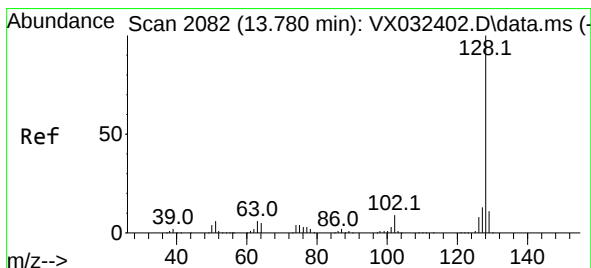
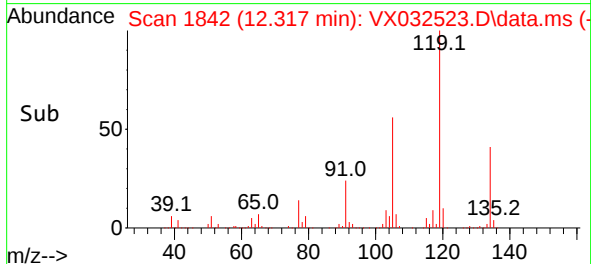
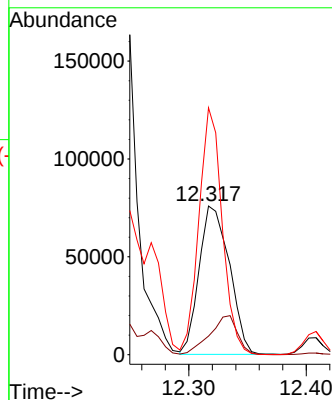
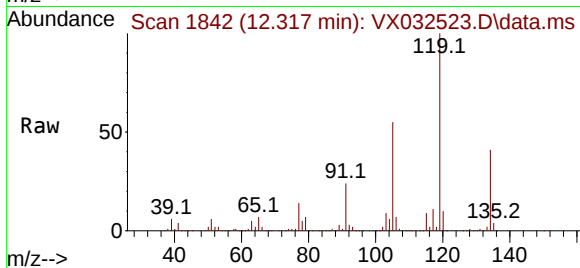
Tgt Ion: 91 Resp: 136320

Ion Ratio Lower Upper

91 100

92 24.1 26.2 78.6#

134 127.7 12.9 38.6#



#95

Naphthalene

Concen: 111.547 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.006 min

Lab File: VX032523.D

Acq: 01 Nov 2022 19:04

Tgt Ion:128 Resp: 928843

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

129 11.2 8.9 13.3

