

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102622\
 Data File : VX032410.D
 Acq On : 26 Oct 2022 17:27
 Operator : JC/MD
 Sample : N5260-01DL 40X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3DL

Quant Time: Oct 27 08:33:10 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)

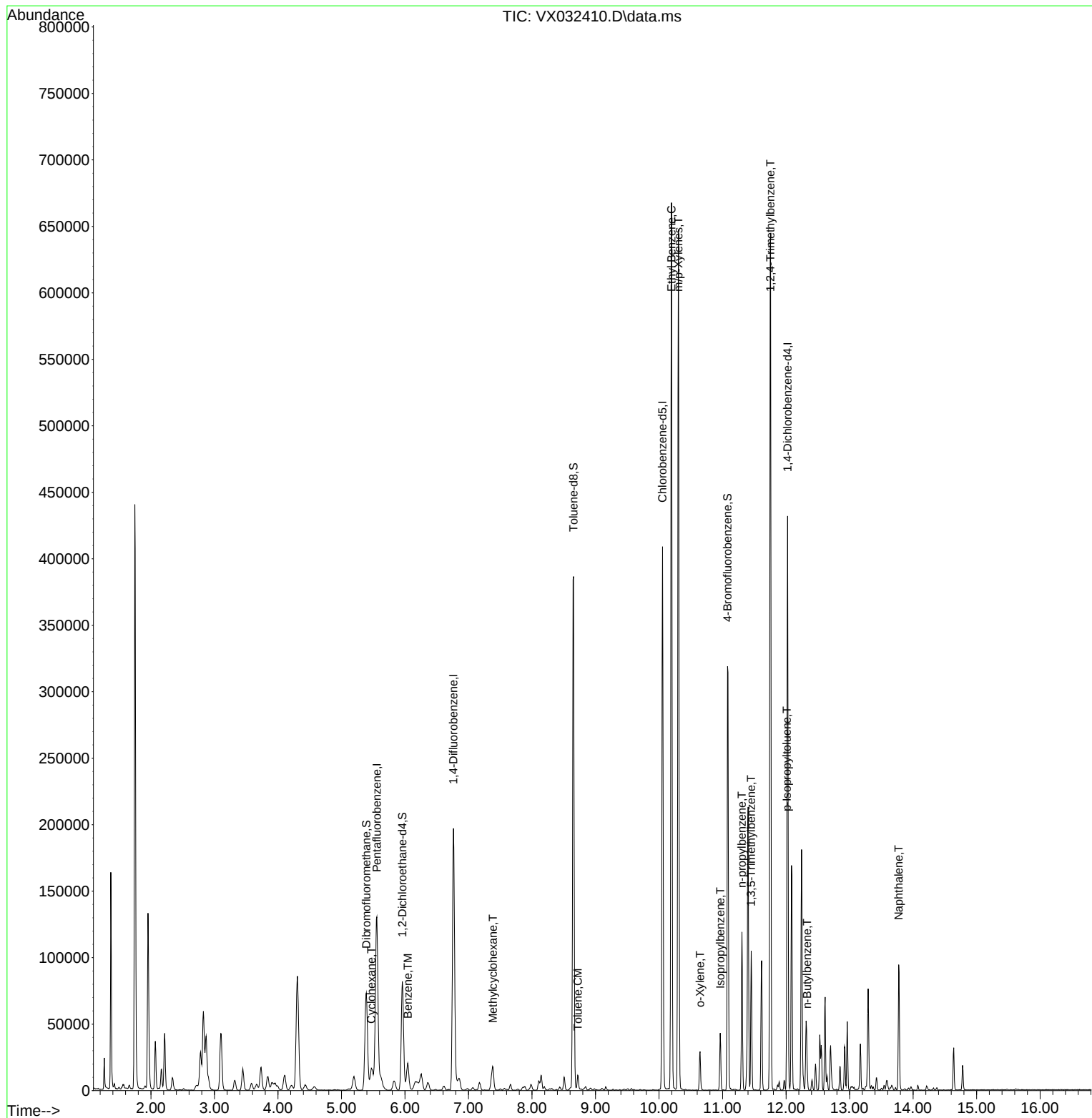
Internal Standards						
1) Pentafluorobenzene	5.556	168	122081	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	197827	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	173532	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85446	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	79789	47.037	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.080%
35) Dibromofluoromethane	5.391	113	63126	44.735	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.460%
50) Toluene-d8	8.653	98	232939	47.473	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.940%
62) 4-Bromofluorobenzene	11.079	95	82927	43.265	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.540%
Target Compounds						
					Qvalue	
31) Cyclohexane	5.470	56	11483	5.583	ug/l #	85
39) Methylcyclohexane	7.385	83	7288	3.135	ug/l	93
40) Benzene	6.043	78	23090	4.152	ug/l	98
52) Toluene	8.720	92	4102	1.131	ug/l	99
67) Ethyl Benzene	10.195	91	363331	52.269	ug/l	100
68) m/p-Xylenes	10.305	106	139625	51.728	ug/l	99
69) o-Xylene	10.646	106	6505	2.479	ug/l	97
73) Isopropylbenzene	10.963	105	21630	3.195	ug/l	100
78) n-propylbenzene	11.305	91	68189	8.741	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	42281	7.306	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	287915	50.024	ug/l	99
86) p-Isopropyltoluene	12.012	119	2158	0.366	ug/l #	70
89) n-Butylbenzene	12.329	91	8166	1.591	ug/l #	32
95) Naphthalene	13.774	128	58939	8.786	ug/l	100

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

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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

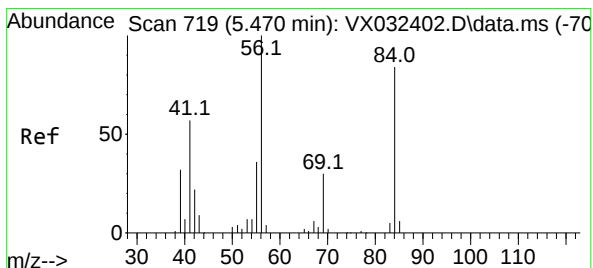
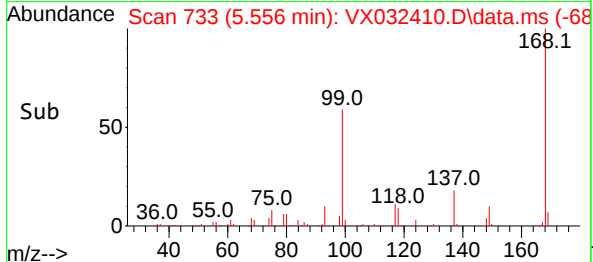
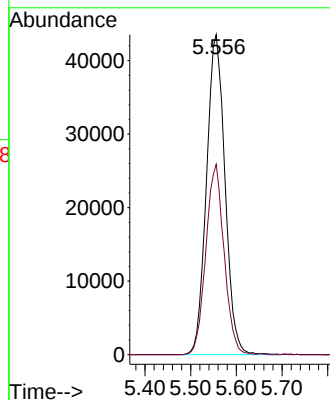
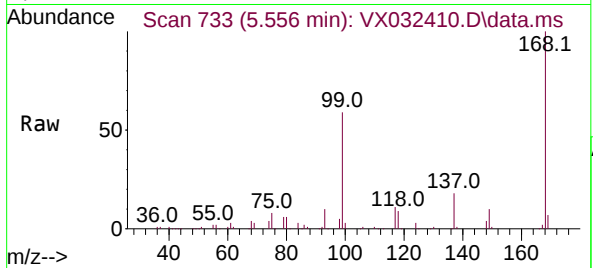




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX032410.D
Acq: 26 Oct 2022 17:27

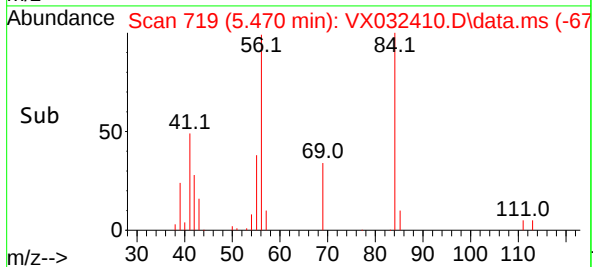
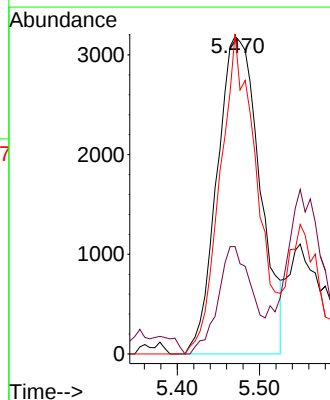
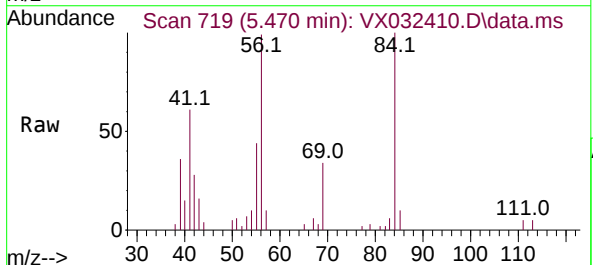
Instrument :
MSVOA_X
ClientSampleId :
MW-3DL

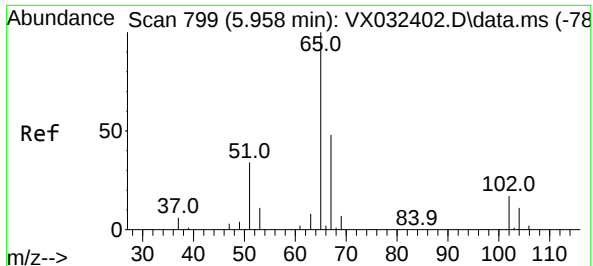
Tgt Ion:168 Resp: 122081
Ion Ratio Lower Upper
168 100
99 59.4 46.1 69.1



#31
Cyclohexane
Concen: 5.583 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX032410.D
Acq: 26 Oct 2022 17:27

Tgt Ion: 56 Resp: 11483
Ion Ratio Lower Upper
56 100
69 31.5 24.1 36.1
84 100.8 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 47.037 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX032410.D

Acq: 26 Oct 2022 17:27

Instrument :

MSVOA_X

ClientSampleId :

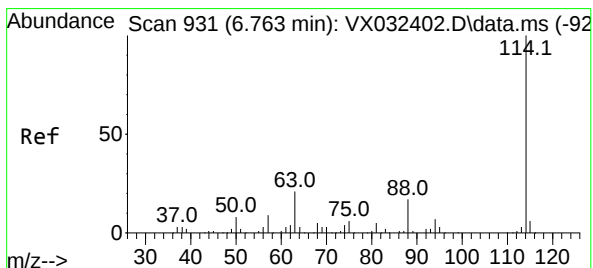
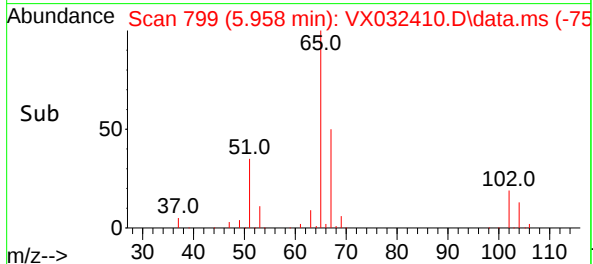
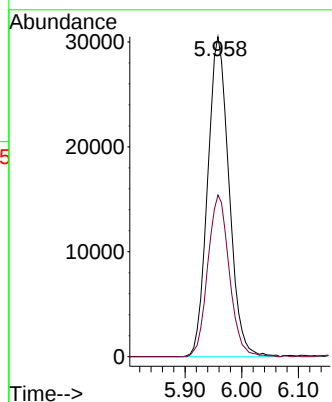
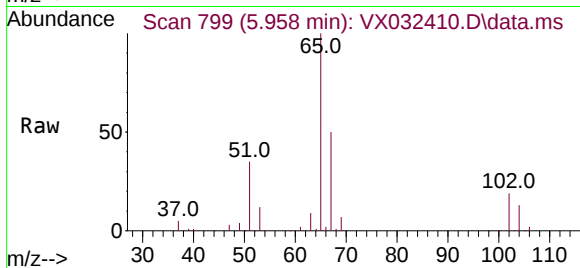
MW-3DL

Tgt Ion: 65 Resp: 79789

Ion Ratio Lower Upper

65 100

67 50.8 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: VX032410.D

Acq: 26 Oct 2022 17:27

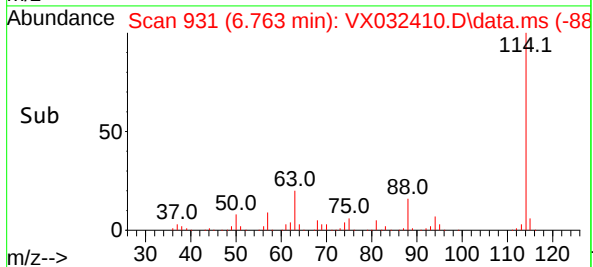
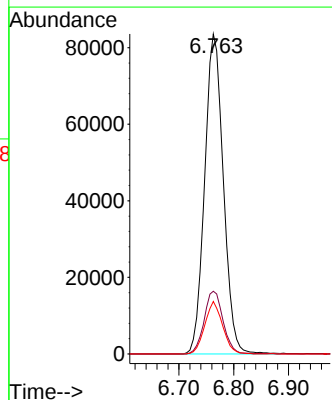
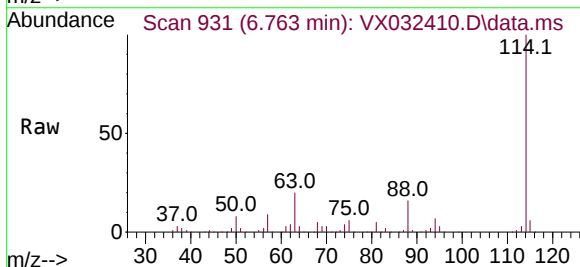
Tgt Ion: 114 Resp: 197827

Ion Ratio Lower Upper

114 100

63 19.6 0.0 41.6

88 16.4 0.0 33.4

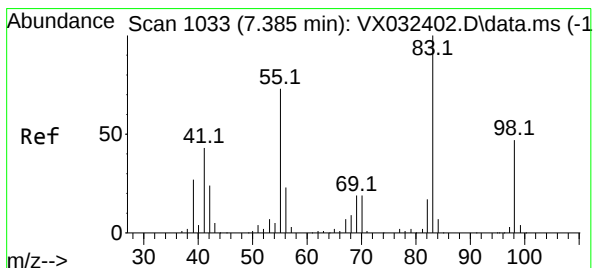
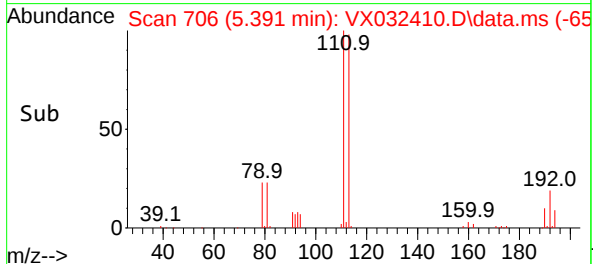
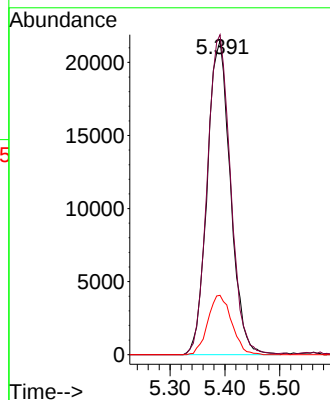
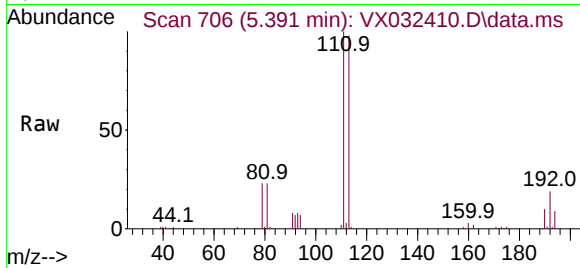




#35
Dibromofluoromethane
Concen: 44.735 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX032410.D
Acq: 26 Oct 2022 17:27

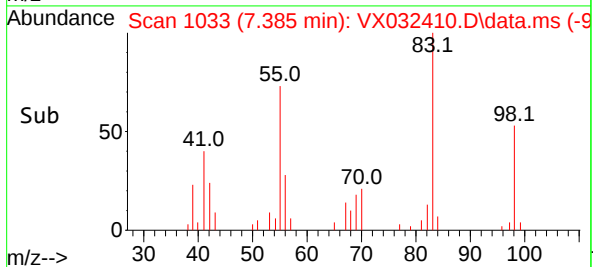
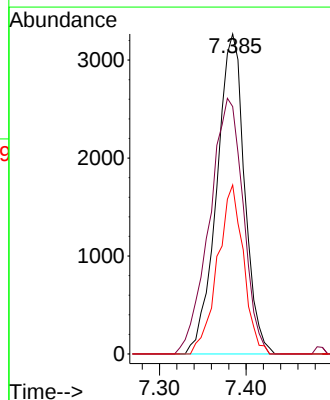
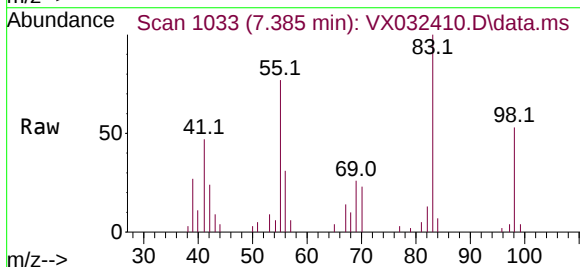
Instrument :
MSVOA_X
ClientSampleId :
MW-3DL

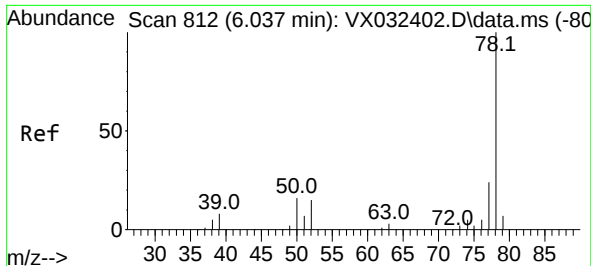
Tgt Ion:113 Resp: 63126
Ion Ratio Lower Upper
113 100
111 102.2 82.4 123.6
192 19.4 15.4 23.2



#39
Methylcyclohexane
Concen: 3.135 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX032410.D
Acq: 26 Oct 2022 17:27

Tgt Ion: 83 Resp: 7288
Ion Ratio Lower Upper
83 100
55 77.3 58.4 87.6
98 52.8 37.2 55.8

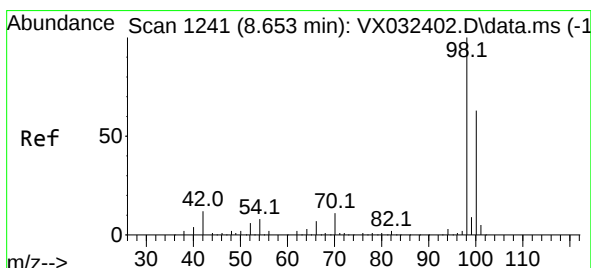
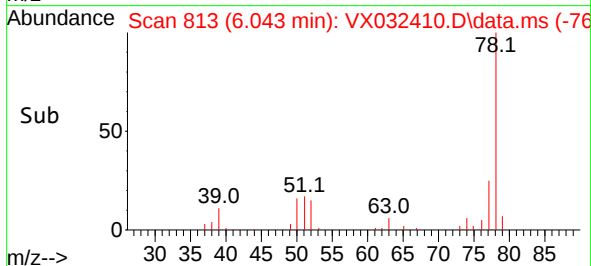
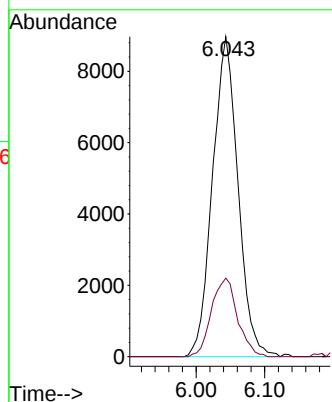
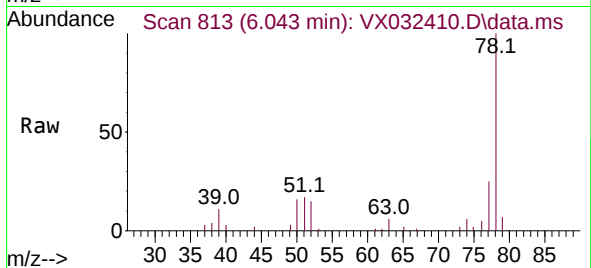




#40
Benzene
Concen: 4.152 ug/l
RT: 6.043 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX032410.D
Acq: 26 Oct 2022 17:27

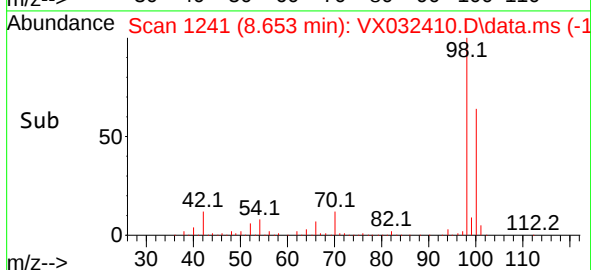
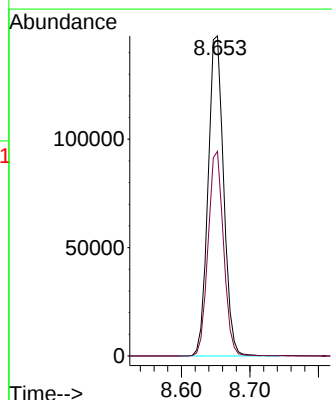
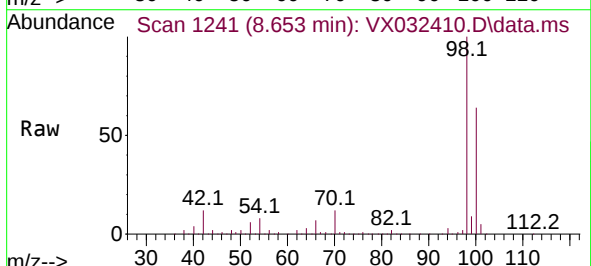
Instrument :
MSVOA_X
ClientSampleId :
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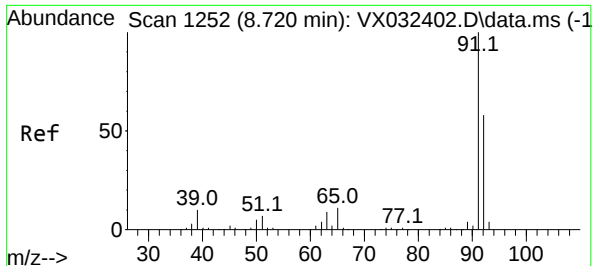
Tgt Ion: 78 Resp: 23090
Ion Ratio Lower Upper
78 100
77 24.6 19.0 28.4



#50
Toluene-d8
Concen: 47.473 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX032410.D
Acq: 26 Oct 2022 17:27

Tgt Ion: 98 Resp: 232939
Ion Ratio Lower Upper
98 100
100 63.5 50.9 76.3

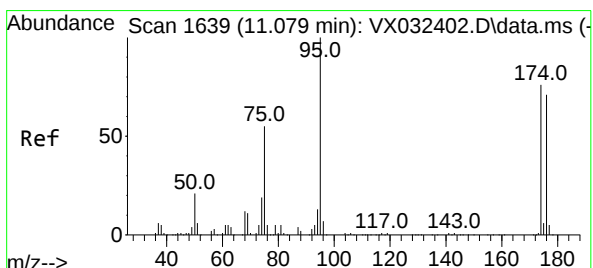
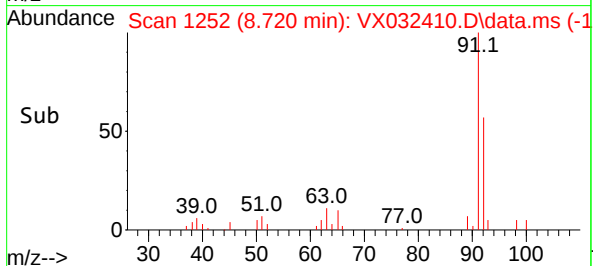
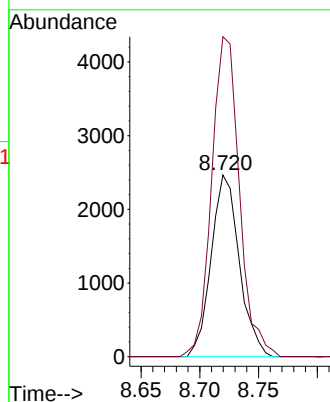
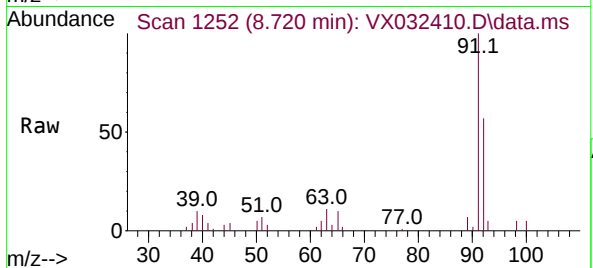




#52
Toluene
Concen: 1.131 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX032410.D
Acq: 26 Oct 2022 17:27

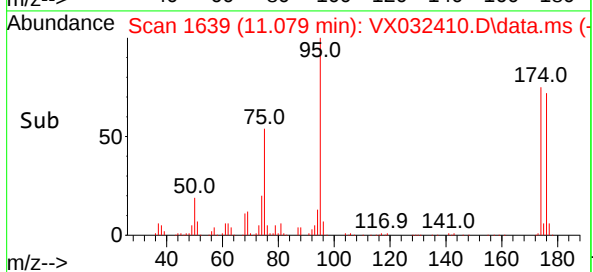
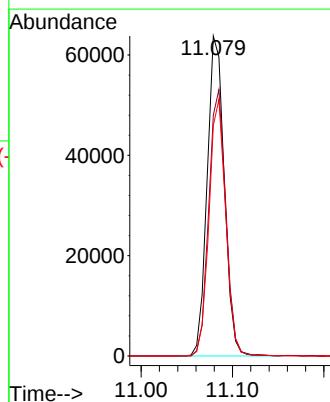
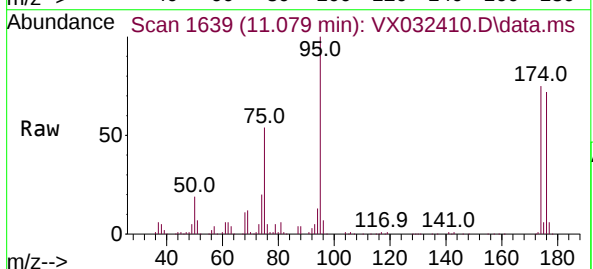
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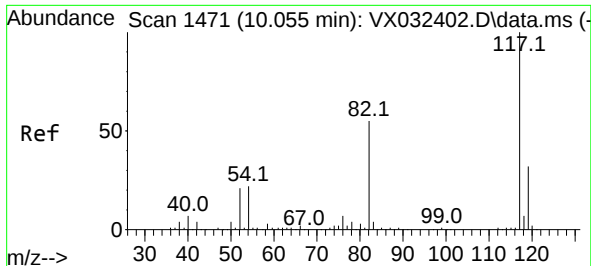
Tgt Ion: 92 Resp: 4102
Ion Ratio Lower Upper
92 100
91 174.0 138.3 207.5



#62
4-Bromofluorobenzene
Concen: 43.265 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX032410.D
Acq: 26 Oct 2022 17:27

Tgt Ion: 95 Resp: 82927
Ion Ratio Lower Upper
95 100
174 82.7 0.0 164.0
176 78.3 0.0 154.4

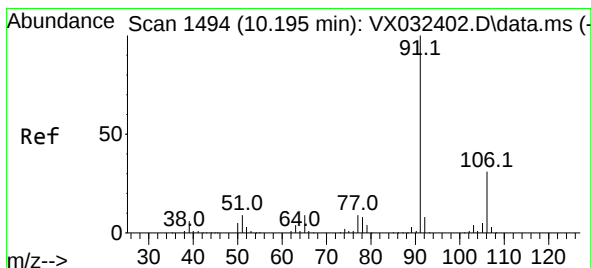
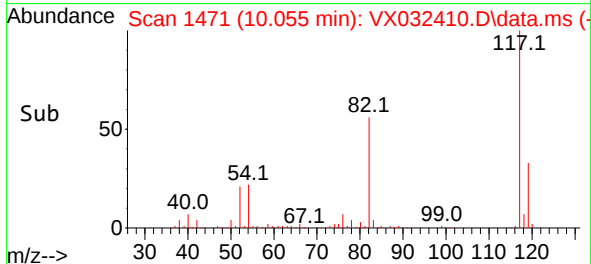
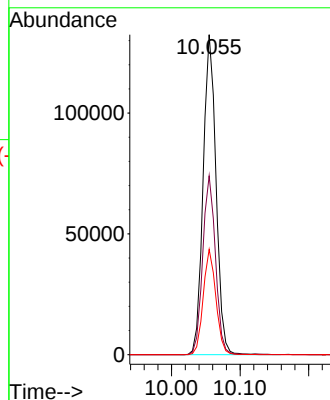
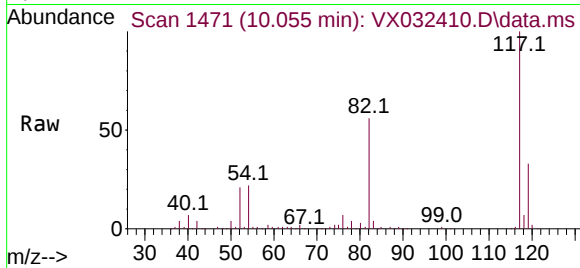




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032410.D
Acq: 26 Oct 2022 17:27

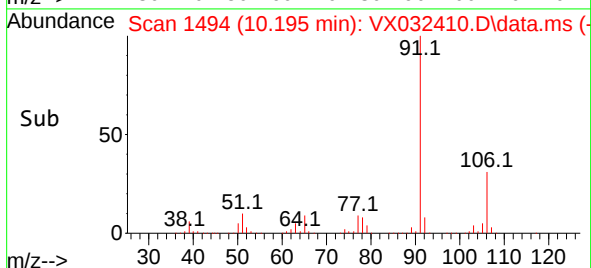
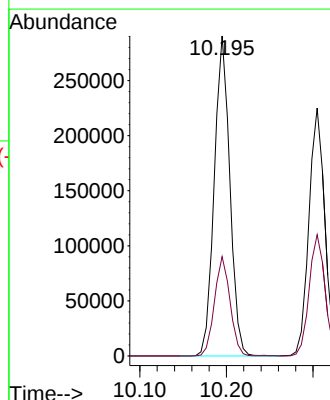
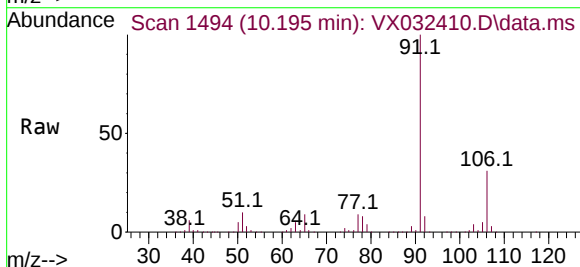
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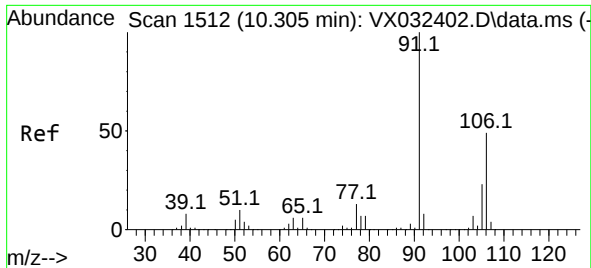
Tgt Ion:117 Resp: 173532
Ion Ratio Lower Upper
117 100
82 55.9 44.3 66.5
119 32.9 25.7 38.5



#67
Ethyl Benzene
Concen: 52.269 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX032410.D
Acq: 26 Oct 2022 17:27

Tgt Ion: 91 Resp: 363331
Ion Ratio Lower Upper
91 100
106 31.1 25.0 37.6

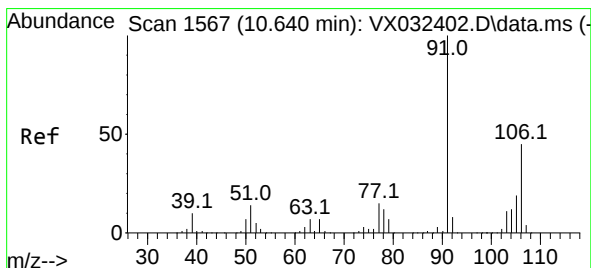
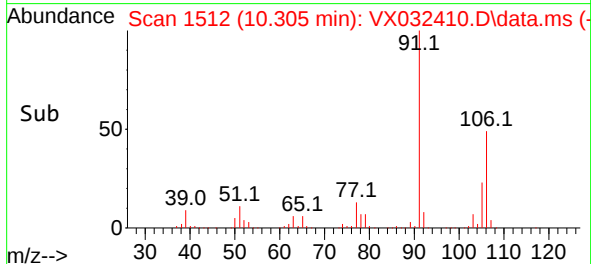
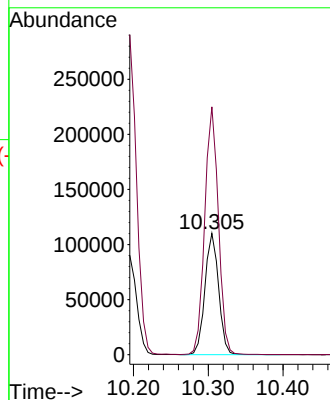
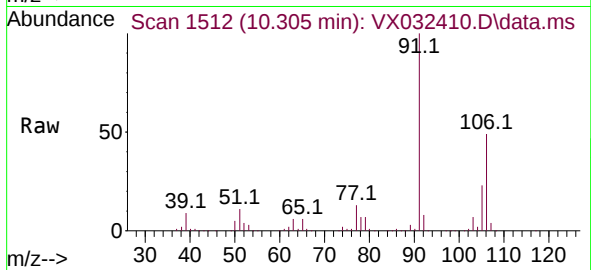




#68
m/p-Xylenes
Concen: 51.728 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX032410.D
Acq: 26 Oct 2022 17:27

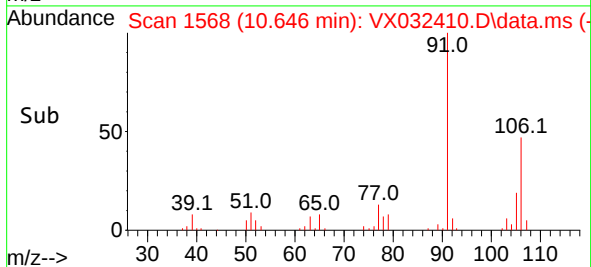
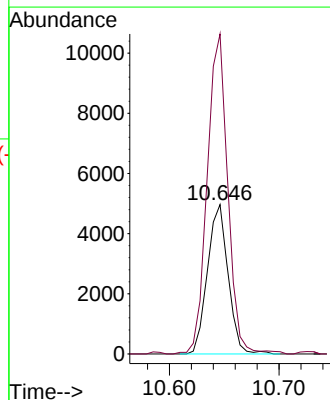
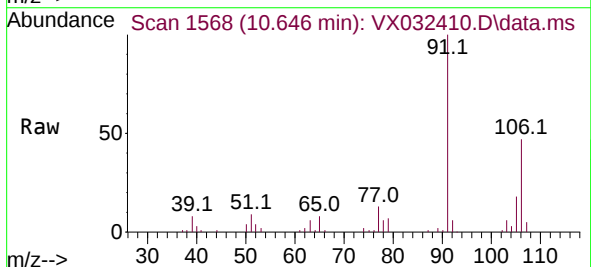
Instrument :
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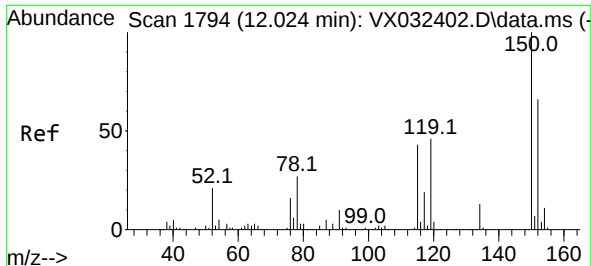
Tgt Ion:106 Resp: 139625
Ion Ratio Lower Upper
106 100
91 204.5 164.5 246.7



#69
o-Xylene
Concen: 2.479 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX032410.D
Acq: 26 Oct 2022 17:27

Tgt Ion:106 Resp: 6505
Ion Ratio Lower Upper
106 100
91 213.1 109.2 327.6

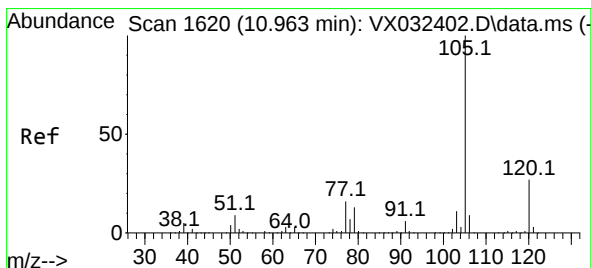
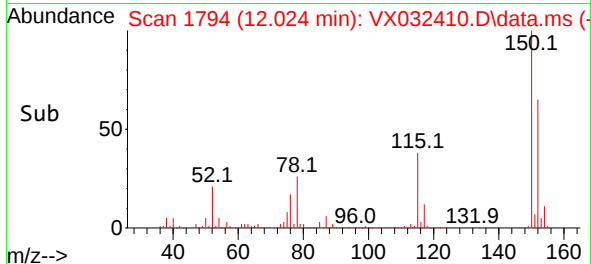
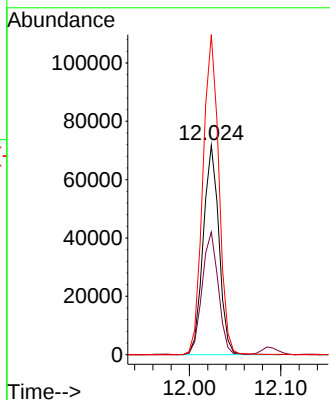
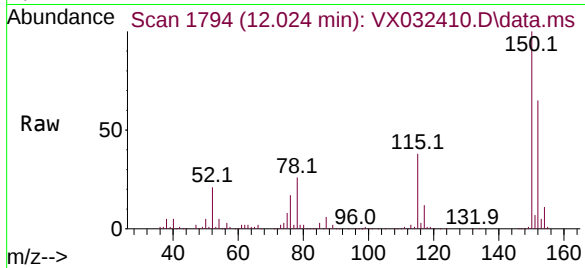




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032410.D
Acq: 26 Oct 2022 17:27

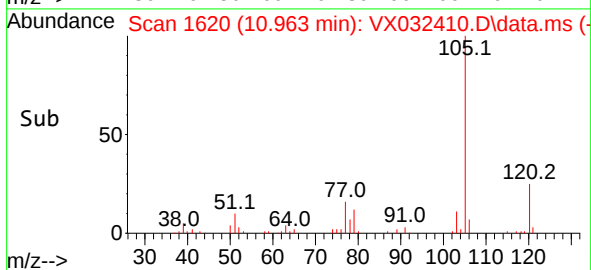
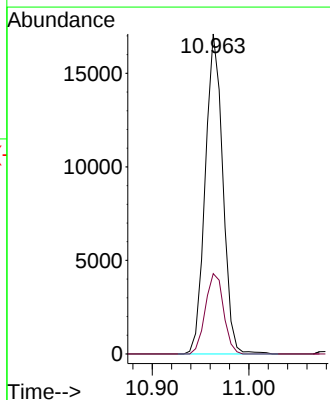
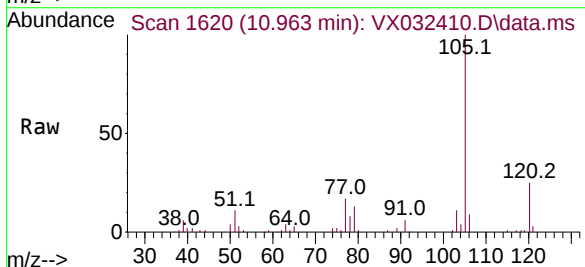
Instrument :
MSVOA_X
ClientSampleId :
MW-3DL

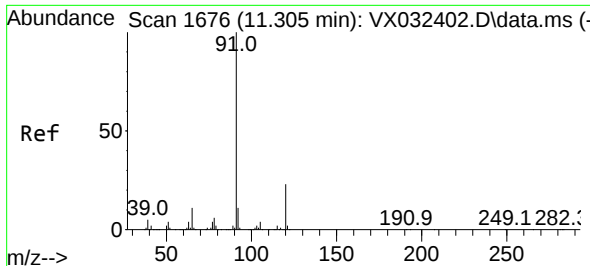
Tgt Ion:152 Resp: 85446
Ion Ratio Lower Upper
152 100
115 60.2 44.0 132.0
150 155.6 0.0 351.8



#73
Isopropylbenzene
Concen: 3.195 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX032410.D
Acq: 26 Oct 2022 17:27

Tgt Ion:105 Resp: 21630
Ion Ratio Lower Upper
105 100
120 26.0 13.1 39.3

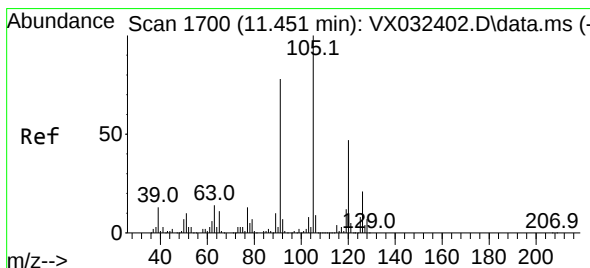
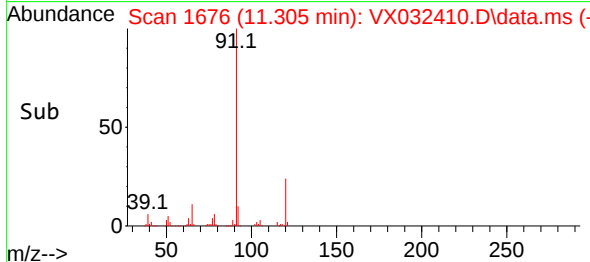
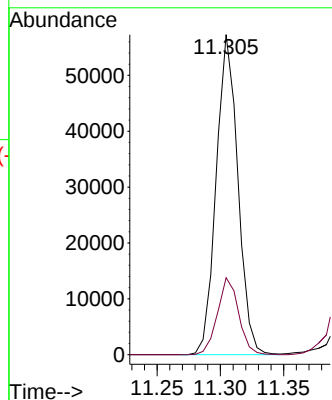
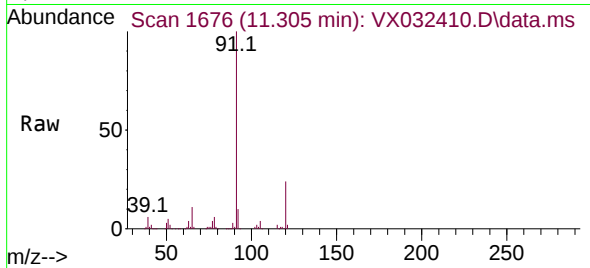




#78
n-propylbenzene
Concen: 8.741 ug/l
RT: 11.305 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032410.D
Acq: 26 Oct 2022 17:27

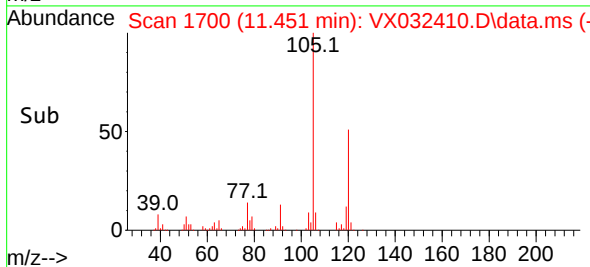
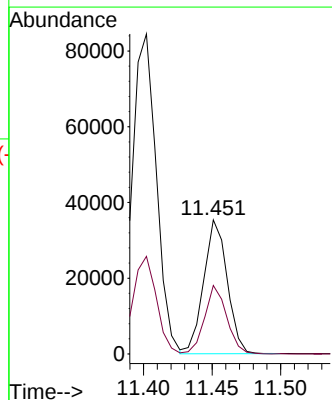
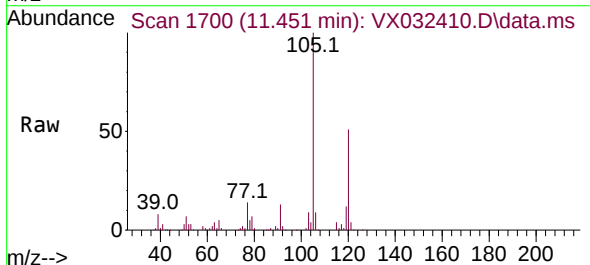
Instrument :
MSVOA_X
ClientSampleId :
MW-3DL

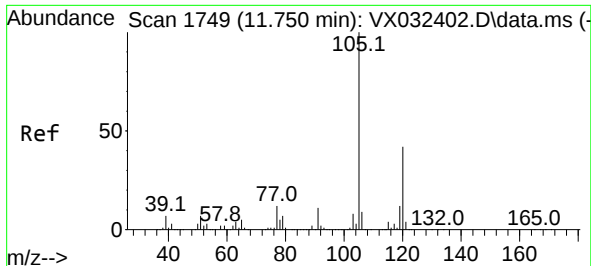
Tgt Ion: 91 Resp: 68189
Ion Ratio Lower Upper
91 100
120 23.5 11.6 34.8



#80
1,3,5-Trimethylbenzene
Concen: 7.306 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX032410.D
Acq: 26 Oct 2022 17:27

Tgt Ion: 105 Resp: 42281
Ion Ratio Lower Upper
105 100
120 48.0 23.6 71.0





#84

1,2,4-Trimethylbenzene

Concen: 50.024 ug/l

RT: 11.756 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX032410.D

Acq: 26 Oct 2022 17:27

Instrument :

MSVOA_X

ClientSampleId :

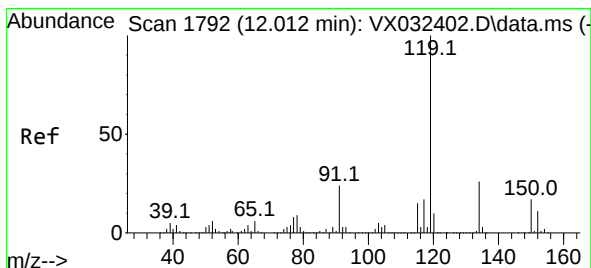
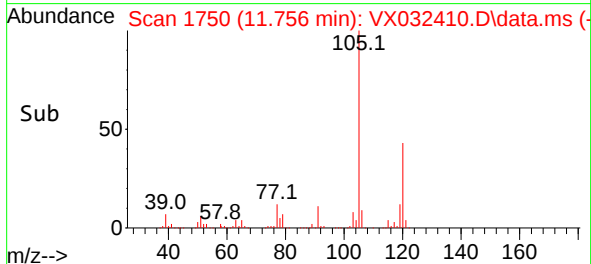
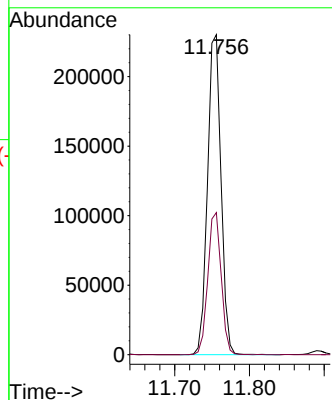
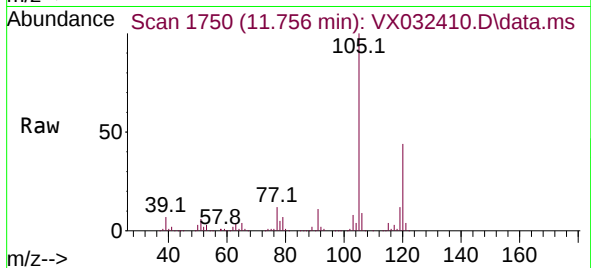
MW-3DL

Tgt Ion:105 Resp: 287915

Ion Ratio Lower Upper

105 100

120 44.1 21.9 65.5



#86

p-Isopropyltoluene

Concen: 0.366 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VX032410.D

Acq: 26 Oct 2022 17:27

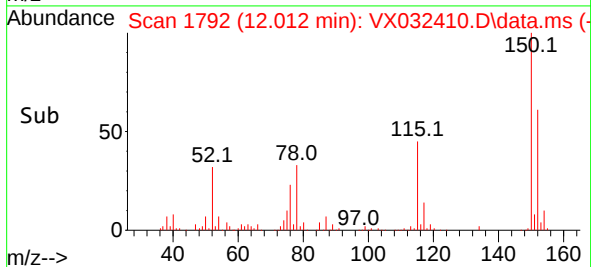
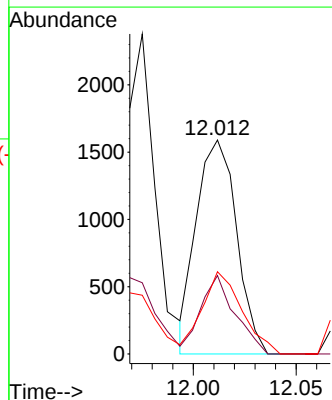
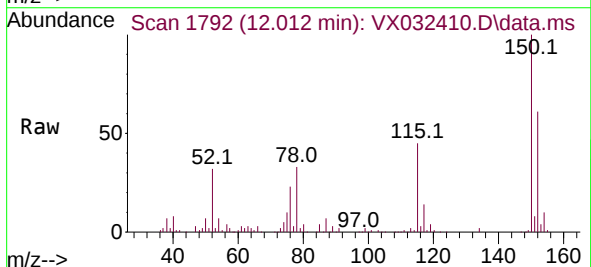
Tgt Ion:119 Resp: 2158

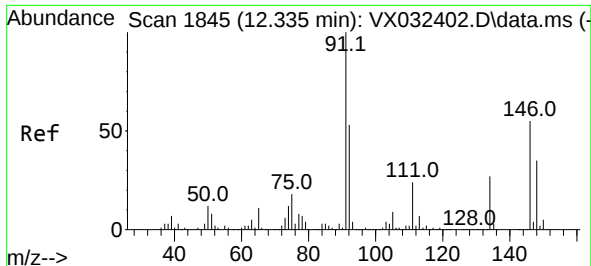
Ion Ratio Lower Upper

119 100

134 31.6 12.9 38.7

91 0.0 12.5 37.5#





#89

n-Butylbenzene

Concen: 1.591 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX032410.D

Acq: 26 Oct 2022 17:27

Instrument :

MSVOA_X

ClientSampleId :

MW-3DL

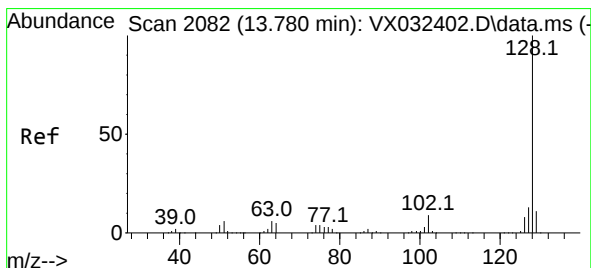
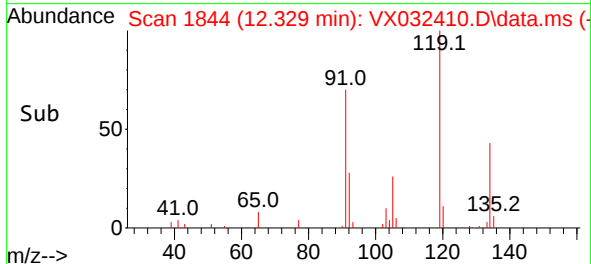
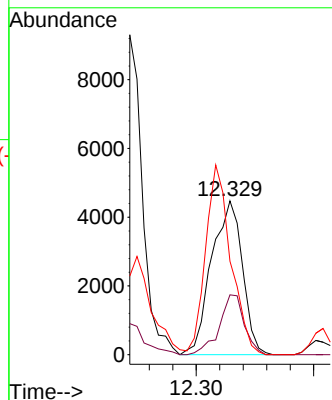
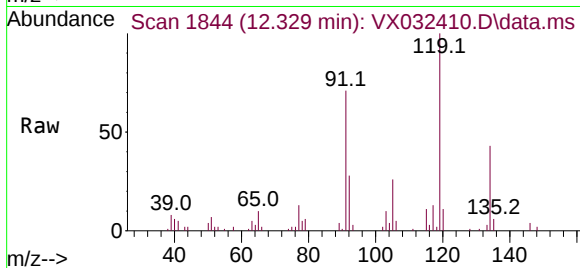
Tgt Ion: 91 Resp: 8166

Ion Ratio Lower Upper

91 100

92 31.6 26.2 78.6

134 100.6 12.9 38.6#



#95

Naphthalene

Concen: 8.786 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.006 min

Lab File: VX032410.D

Acq: 26 Oct 2022 17:27

Tgt Ion: 128 Resp: 58939

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

129 10.9 8.9 13.3

