

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110923\
 Data File : VX038710.D
 Acq On : 10 Nov 2023 07:21
 Operator : JC/MD
 Sample : 05331-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-06

Quant Time: Nov 10 16:43:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 08 03:19:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	277772	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	461988	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	480696	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	269877	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	160389	46.380	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.760%
35) Dibromofluoromethane	5.385	113	151426	45.509	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.020%
50) Toluene-d8	8.647	98	549646	46.163	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.320%
62) 4-Bromofluorobenzene	11.079	95	231865	50.227	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.460%

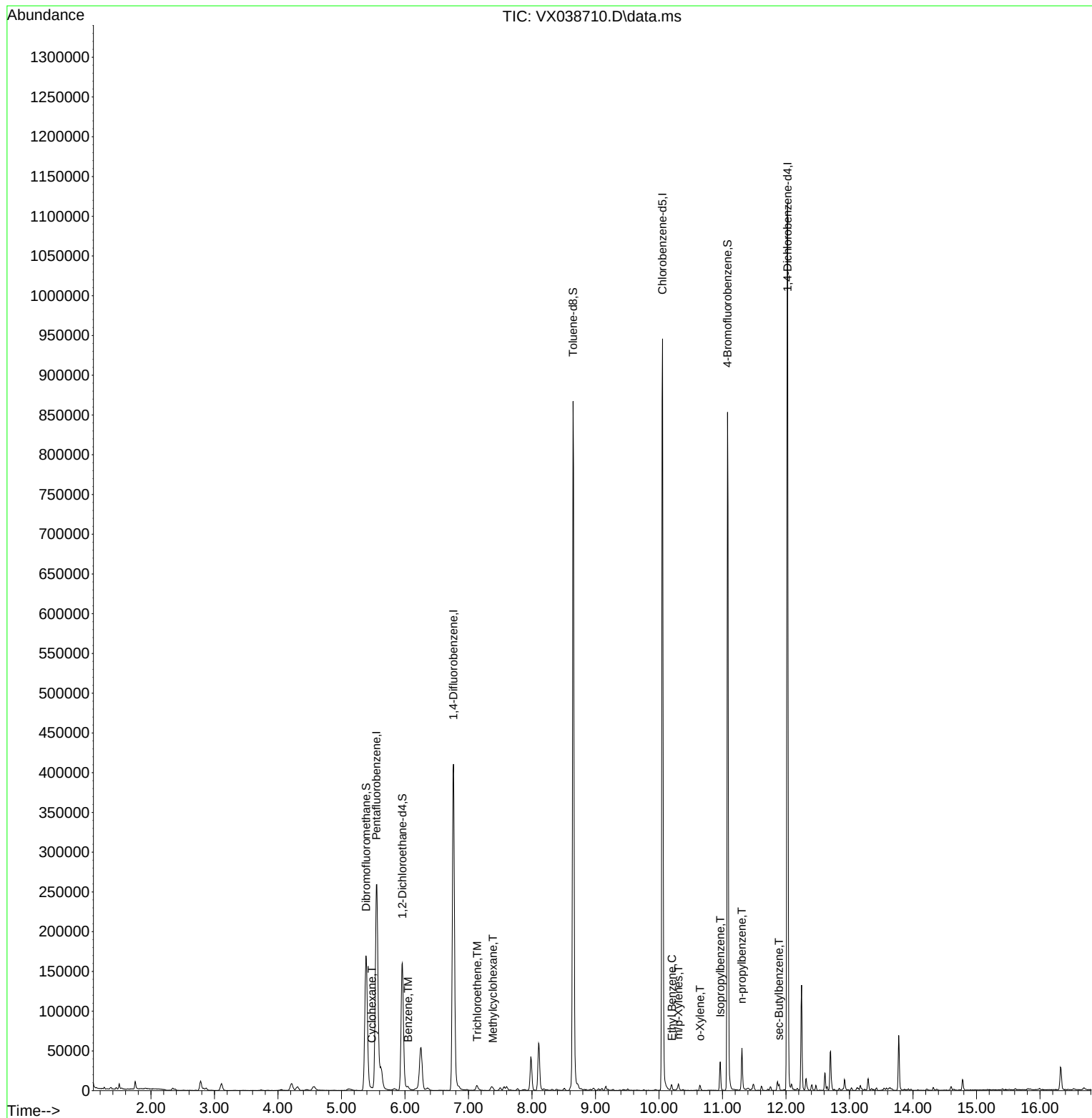
Target Compounds						Qvalue
31) Cyclohexane	5.477	56	1534	0.401	ug/l	95
39) Methylcyclohexane	7.385	83	1729	0.335	ug/l	# 85
40) Benzene	6.050	78	5469	0.459	ug/l	# 87
44) Trichloroethene	7.135	130	3000	0.810	ug/l	82
67) Ethyl Benzene	10.201	91	4362	0.264	ug/l	96
68) m/p-Xylenes	10.305	106	1926	0.293	ug/l	91
69) o-Xylene	10.647	106	1636	0.256	ug/l	98
73) Isopropylbenzene	10.964	105	18901	1.142	ug/l	99
78) n-propylbenzene	11.305	91	34093	1.770	ug/l	99
85) sec-Butylbenzene	11.890	105	3774	0.209	ug/l	# 57

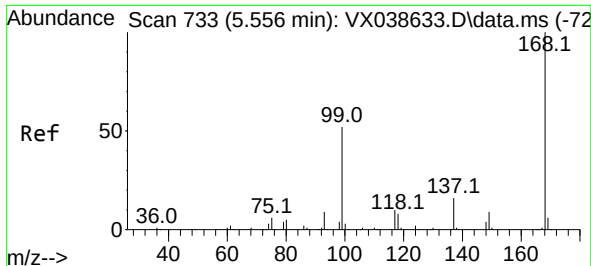
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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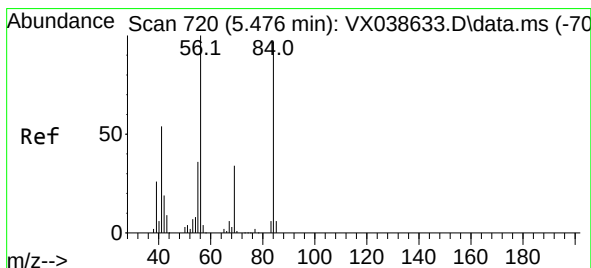
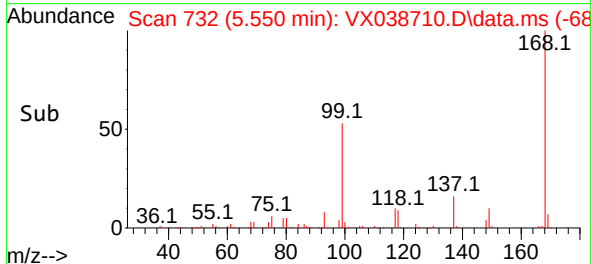
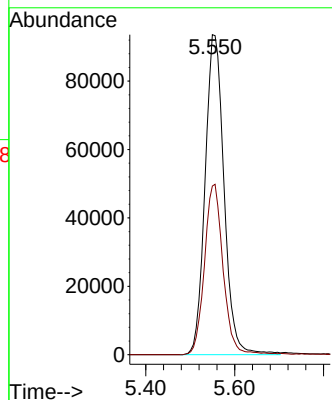
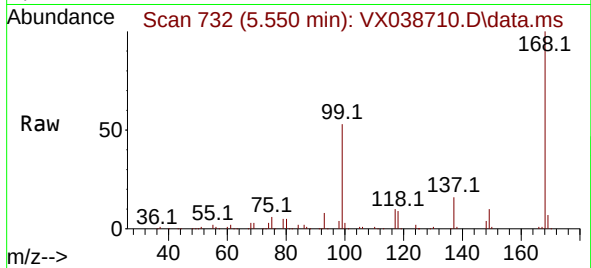




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038710.D
Acq: 10 Nov 2023 07:21

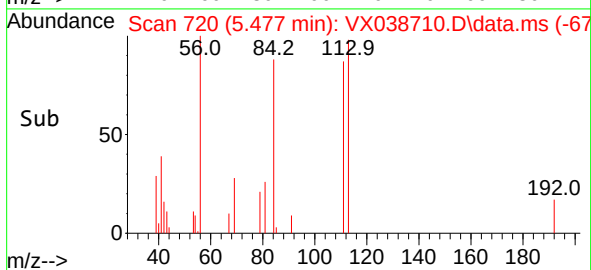
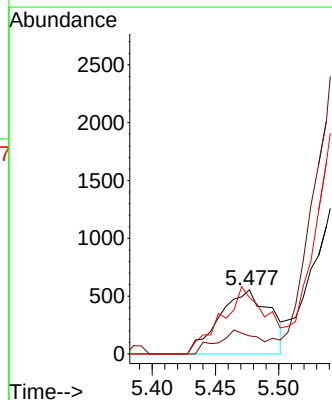
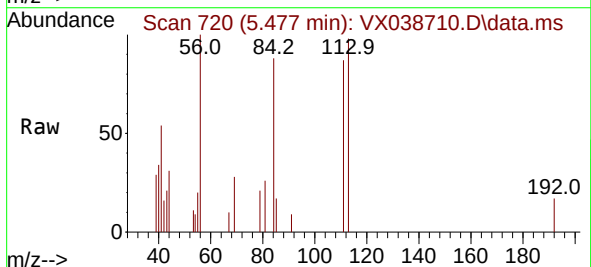
Instrument :
MSVOA_X
ClientSampleId :
MW-06

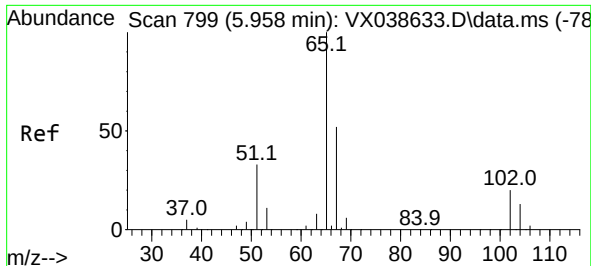
Tgt Ion:168 Resp: 277772
Ion Ratio Lower Upper
168 100
99 52.7 56.6 85.0#



#31
Cyclohexane
Concen: 0.401 ug/l
RT: 5.477 min Scan# 720
Delta R.T. 0.000 min
Lab File: VX038710.D
Acq: 10 Nov 2023 07:21

Tgt Ion: 56 Resp: 1534
Ion Ratio Lower Upper
56 100
69 28.3 23.4 35.2
84 88.3 65.9 98.9





#33

1,2-Dichloroethane-d4

Concen: 46.380 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038710.D

Acq: 10 Nov 2023 07:21

Instrument :

MSVOA_X

ClientSampleId :

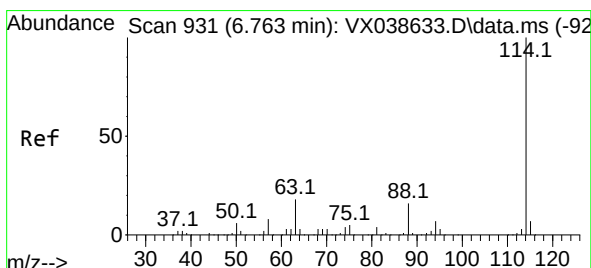
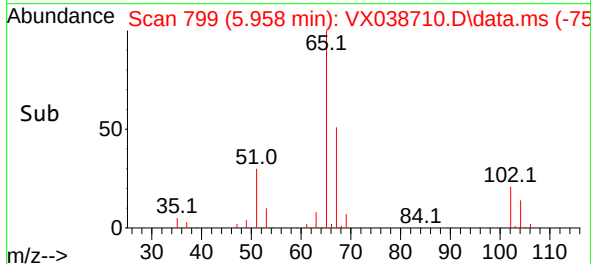
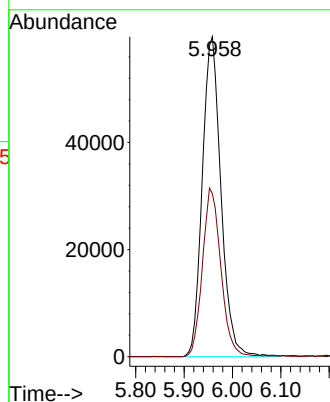
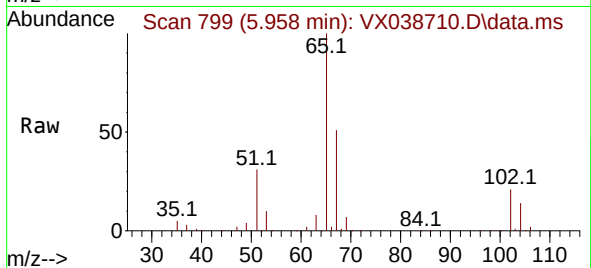
MW-06

Tgt Ion: 65 Resp: 160389

Ion Ratio Lower Upper

65 100

67 52.1 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX038710.D

Acq: 10 Nov 2023 07:21

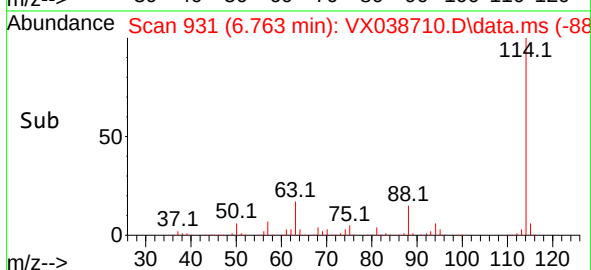
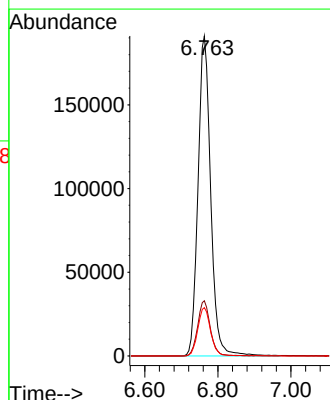
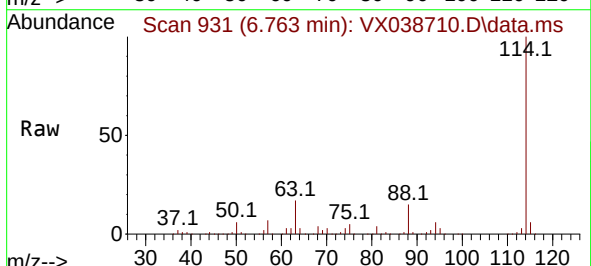
Tgt Ion: 114 Resp: 461988

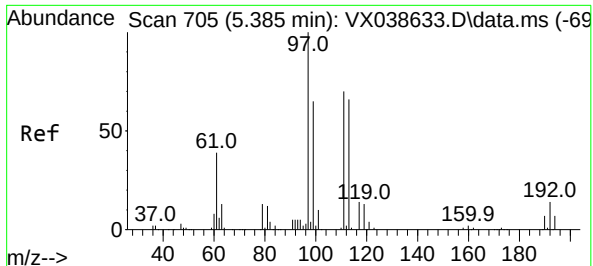
Ion Ratio Lower Upper

114 100

63 17.2 0.0 45.0

88 15.1 0.0 36.6

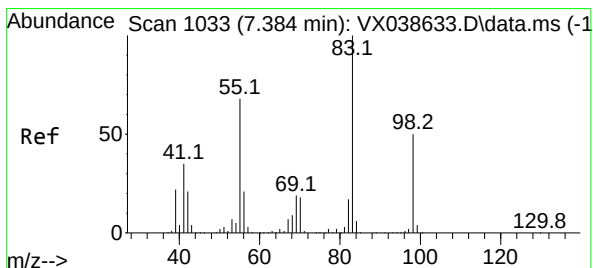
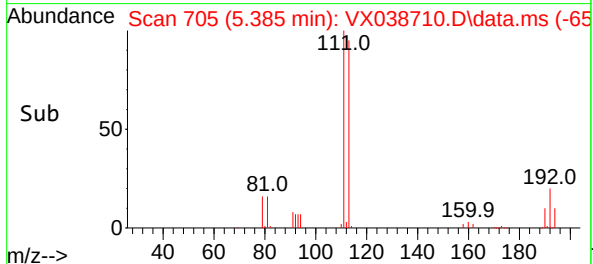
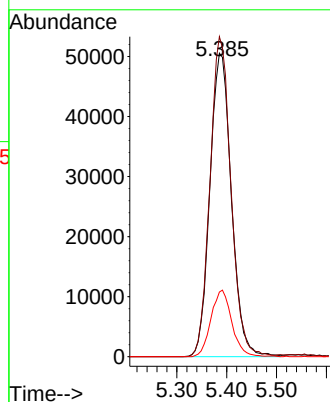
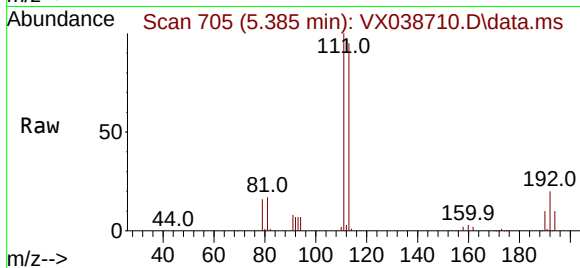




#35
Dibromofluoromethane
Concen: 45.509 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038710.D
Acq: 10 Nov 2023 07:21

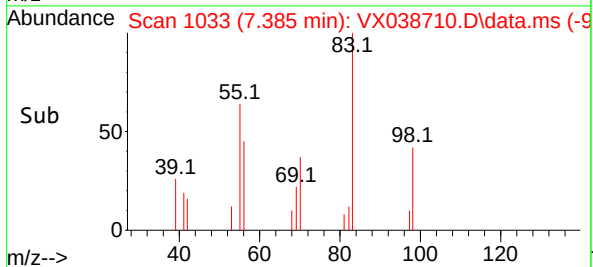
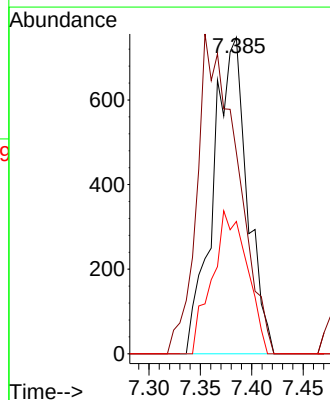
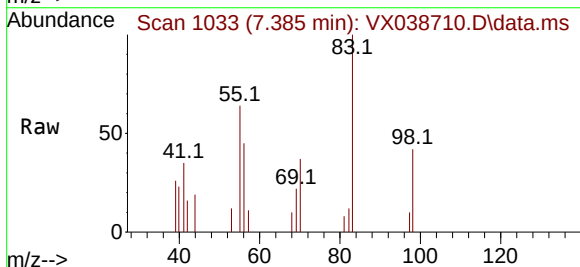
Instrument :
MSVOA_X
ClientSampleId :
MW-06

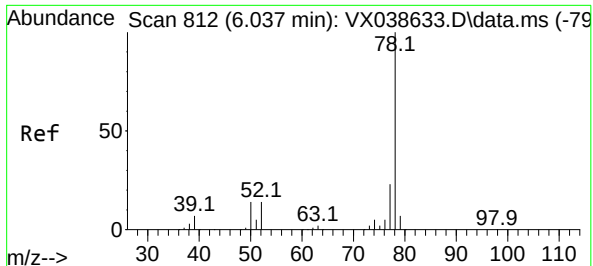
Tgt Ion:113 Resp: 151426
Ion Ratio Lower Upper
113 100
111 102.9 82.9 124.3
192 21.2 13.3 19.9#



#39
Methylcyclohexane
Concen: 0.335 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX038710.D
Acq: 10 Nov 2023 07:21

Tgt Ion: 83 Resp: 1729
Ion Ratio Lower Upper
83 100
55 63.6 64.6 97.0#
98 41.8 36.7 55.1





#40

Benzene

Concen: 0.459 ug/l

RT: 6.050 min Scan# 812

Delta R.T. 0.013 min

Lab File: VX038710.D

Acq: 10 Nov 2023 07:21

Instrument :

MSVOA_X

ClientSampleId :

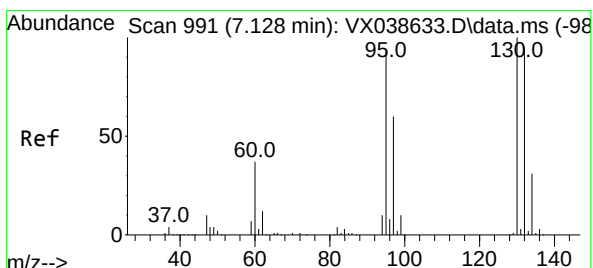
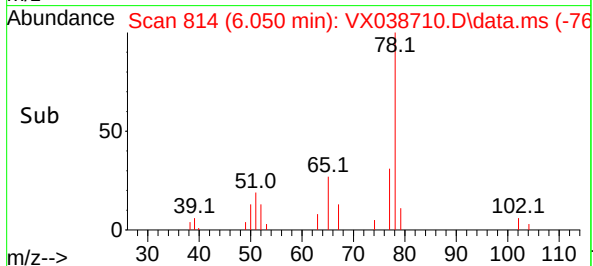
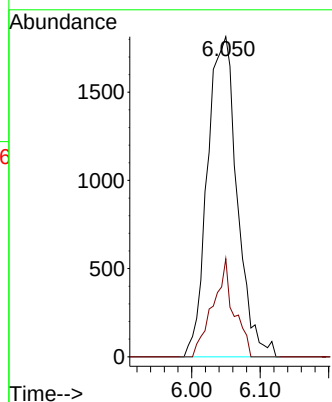
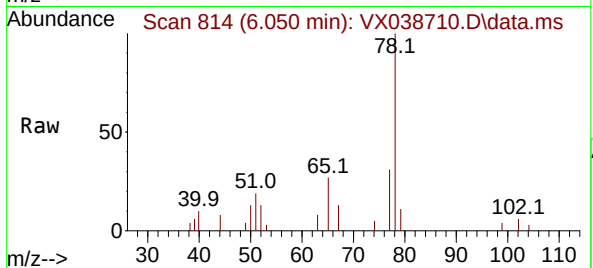
MW-06

Tgt Ion: 78 Resp: 5469

Ion Ratio Lower Upper

78 100

77 30.6 19.3 28.9#



#44

Trichloroethene

Concen: 0.810 ug/l

RT: 7.135 min Scan# 992

Delta R.T. 0.007 min

Lab File: VX038710.D

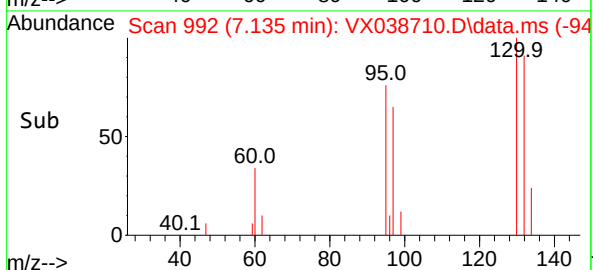
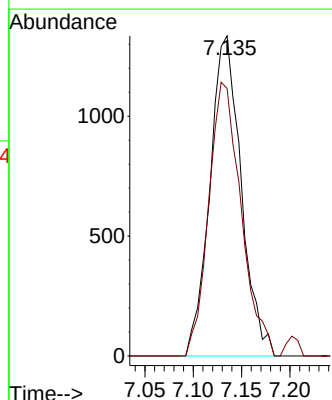
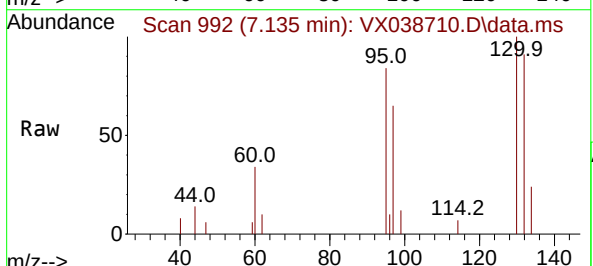
Acq: 10 Nov 2023 07:21

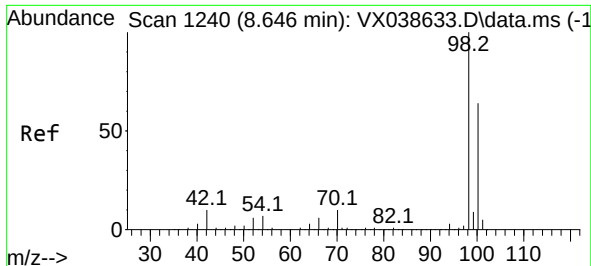
Tgt Ion:130 Resp: 3000

Ion Ratio Lower Upper

130 100

95 83.6 0.0 204.4

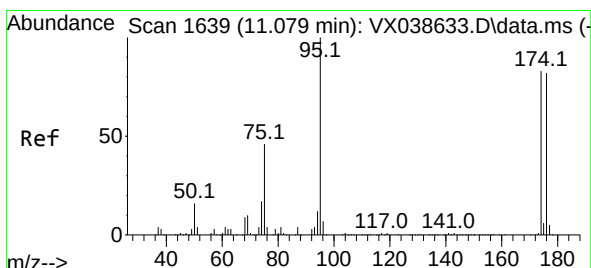
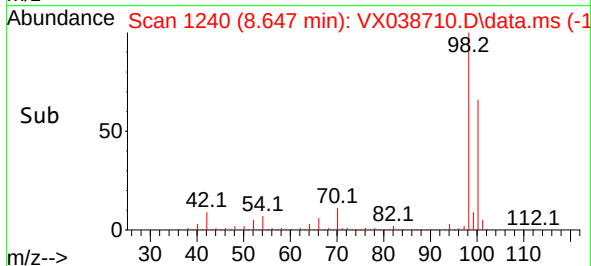
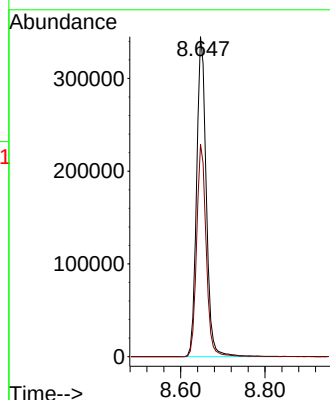
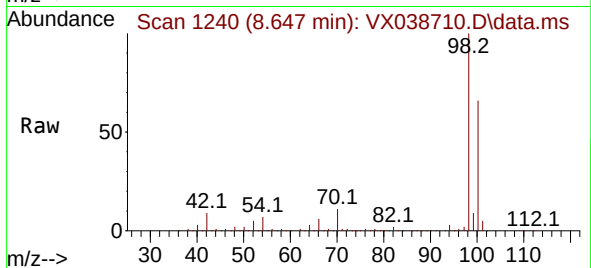




#50
Toluene-d8
Concen: 46.163 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038710.D
Acq: 10 Nov 2023 07:21

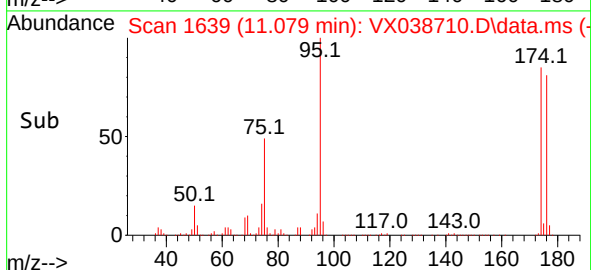
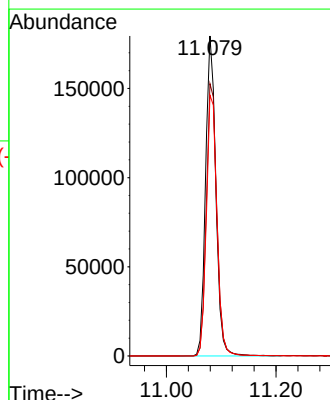
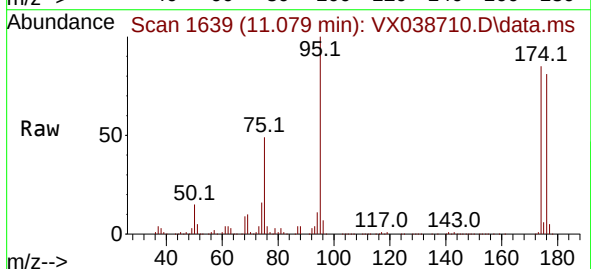
Instrument :
MSVOA_X
ClientSampleId :
MW-06

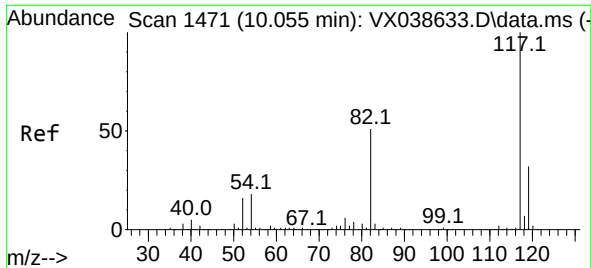
Tgt Ion: 98 Resp: 549646
Ion Ratio Lower Upper
98 100
100 65.7 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 50.227 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038710.D
Acq: 10 Nov 2023 07:21

Tgt Ion: 95 Resp: 231865
Ion Ratio Lower Upper
95 100
174 87.9 0.0 135.6
176 84.4 0.0 131.0

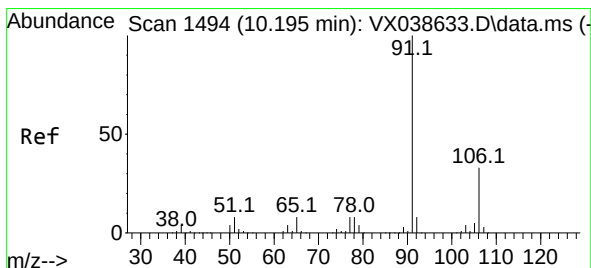
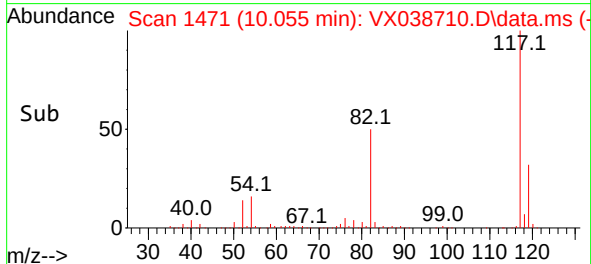
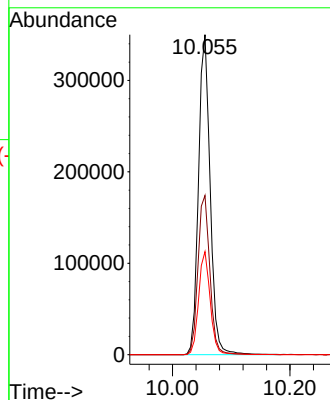
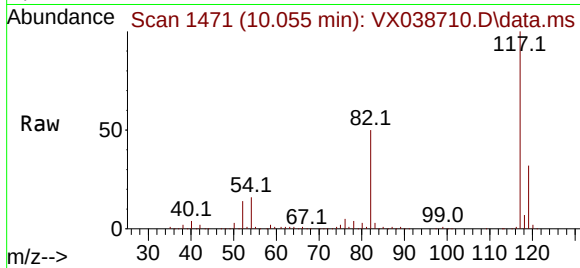




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038710.D
Acq: 10 Nov 2023 07:21

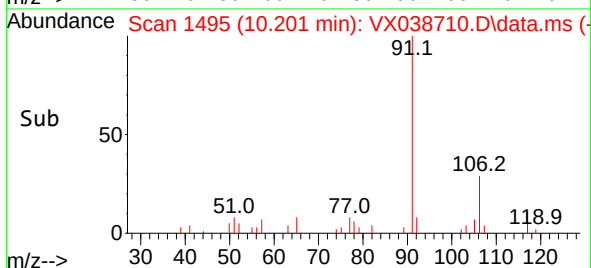
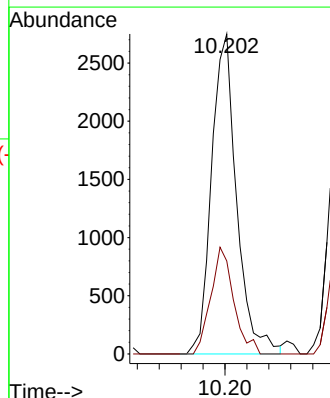
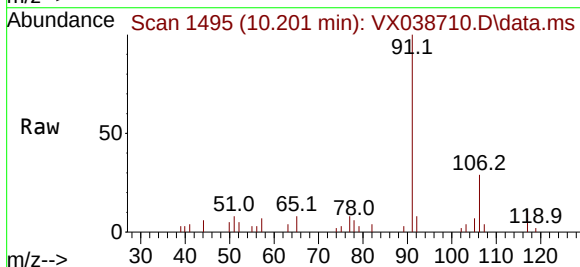
Instrument :
MSVOA_X
ClientSampleId :
MW-06

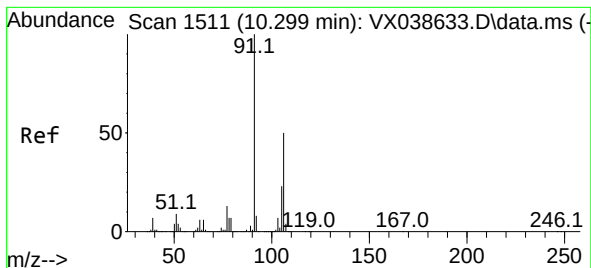
Tgt Ion:117 Resp: 480696
Ion Ratio Lower Upper
117 100
82 49.7 46.2 69.4
119 32.2 25.5 38.3



#67
Ethyl Benzene
Concen: 0.264 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.007 min
Lab File: VX038710.D
Acq: 10 Nov 2023 07:21

Tgt Ion: 91 Resp: 4362
Ion Ratio Lower Upper
91 100
106 29.1 24.9 37.3





#68

m/p-Xylenes

Concen: 0.293 ug/l

RT: 10.305 min Scan# 1511

Delta R.T. 0.007 min

Lab File: VX038710.D

Acq: 10 Nov 2023 07:21

Instrument :

MSVOA_X

ClientSampleId :

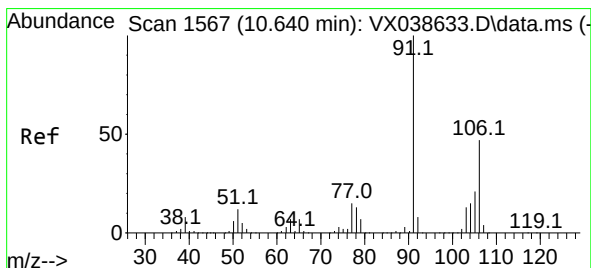
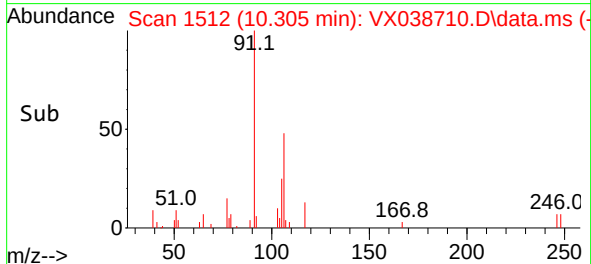
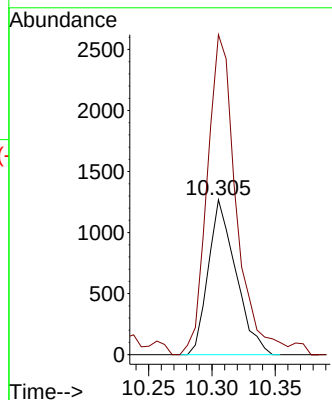
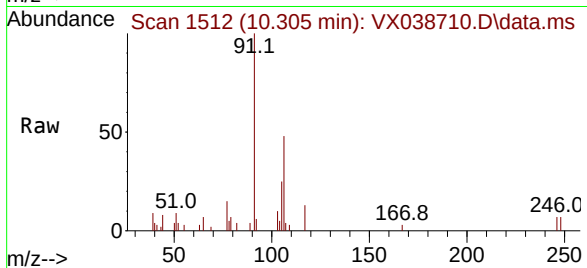
MW-06

Tgt Ion:106 Resp: 1926

Ion Ratio Lower Upper

106 100

91 220.1 165.5 248.3



#69

o-Xylene

Concen: 0.256 ug/l

RT: 10.647 min Scan# 1568

Delta R.T. 0.007 min

Lab File: VX038710.D

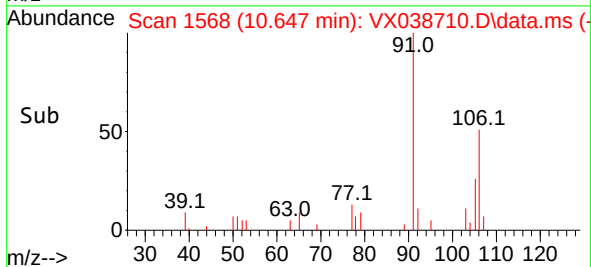
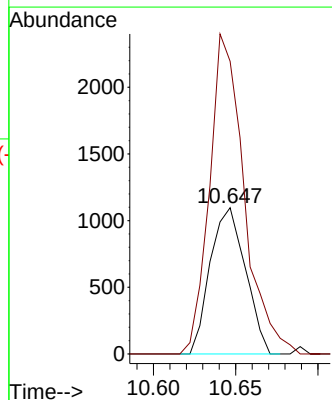
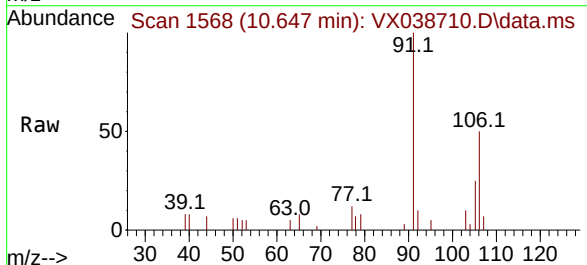
Acq: 10 Nov 2023 07:21

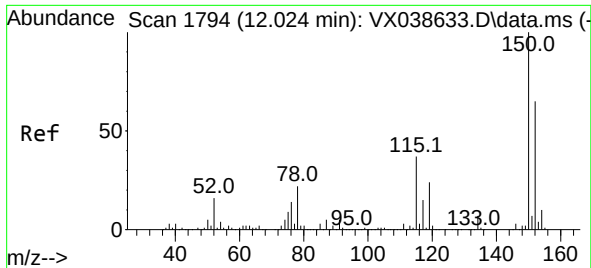
Tgt Ion:106 Resp: 1636

Ion Ratio Lower Upper

106 100

91 214.7 108.9 326.8

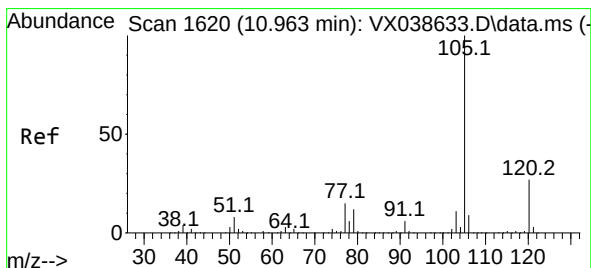
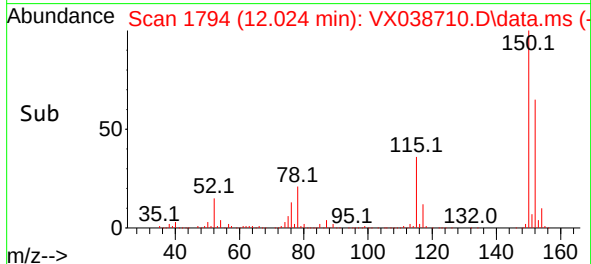
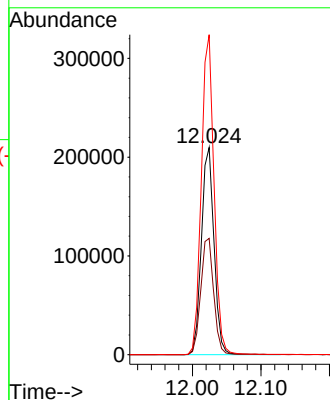
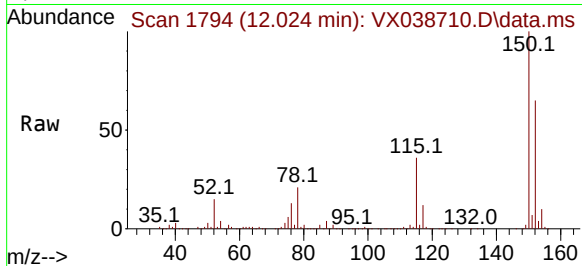




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038710.D
Acq: 10 Nov 2023 07:21

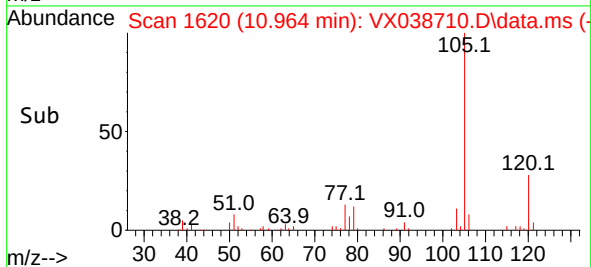
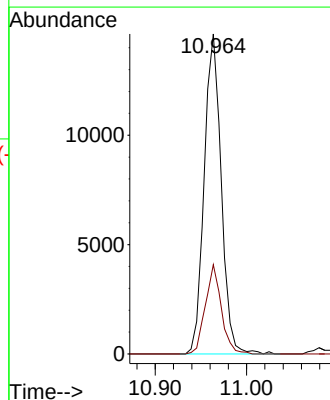
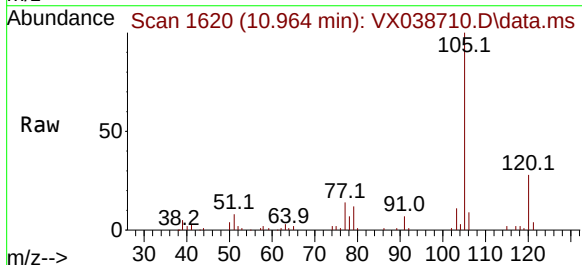
Instrument :
MSVOA_X
ClientSampleId :
MW-06

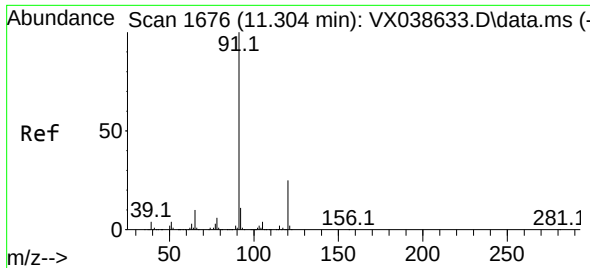
Tgt Ion:152 Resp: 269877
Ion Ratio Lower Upper
152 100
115 57.6 43.3 129.9
150 155.4 0.0 345.0



#73
Isopropylbenzene
Concen: 1.142 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX038710.D
Acq: 10 Nov 2023 07:21

Tgt Ion:105 Resp: 18901
Ion Ratio Lower Upper
105 100
120 26.2 12.9 38.6

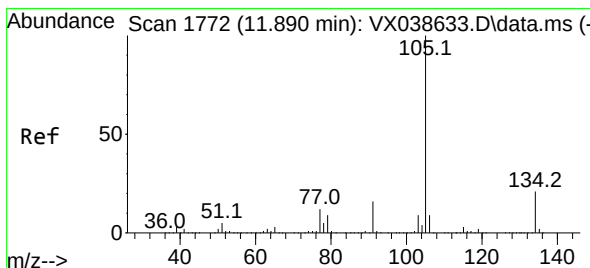
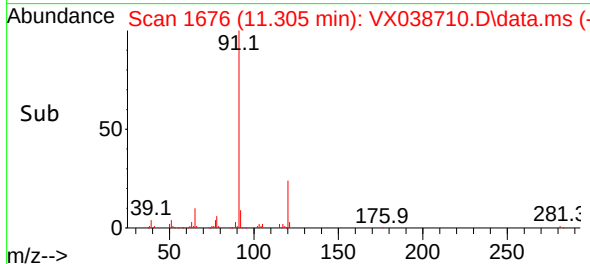
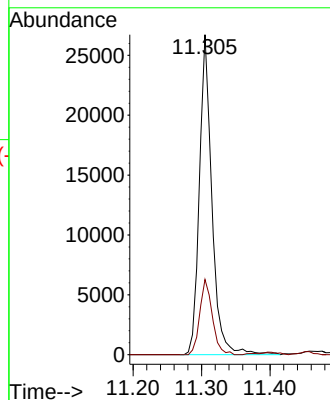
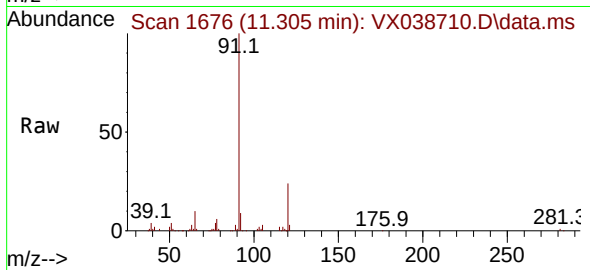




#78
n-propylbenzene
Concen: 1.770 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX038710.D
Acq: 10 Nov 2023 07:21

Instrument :
MSVOA_X
ClientSampleId :
MW-06

Tgt Ion: 91 Resp: 34093
Ion Ratio Lower Upper
91 100
120 23.5 11.5 34.4



#85
sec-Butylbenzene
Concen: 0.209 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX038710.D
Acq: 10 Nov 2023 07:21

Tgt Ion: 105 Resp: 3774
Ion Ratio Lower Upper
105 100
134 0.0 9.8 29.4#

