

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121322\
 Data File : VX033396.D
 Acq On : 13 Dec 2022 16:40
 Operator : JC/MD
 Sample : N6001-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-11B

Quant Time: Dec 14 05:39:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

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

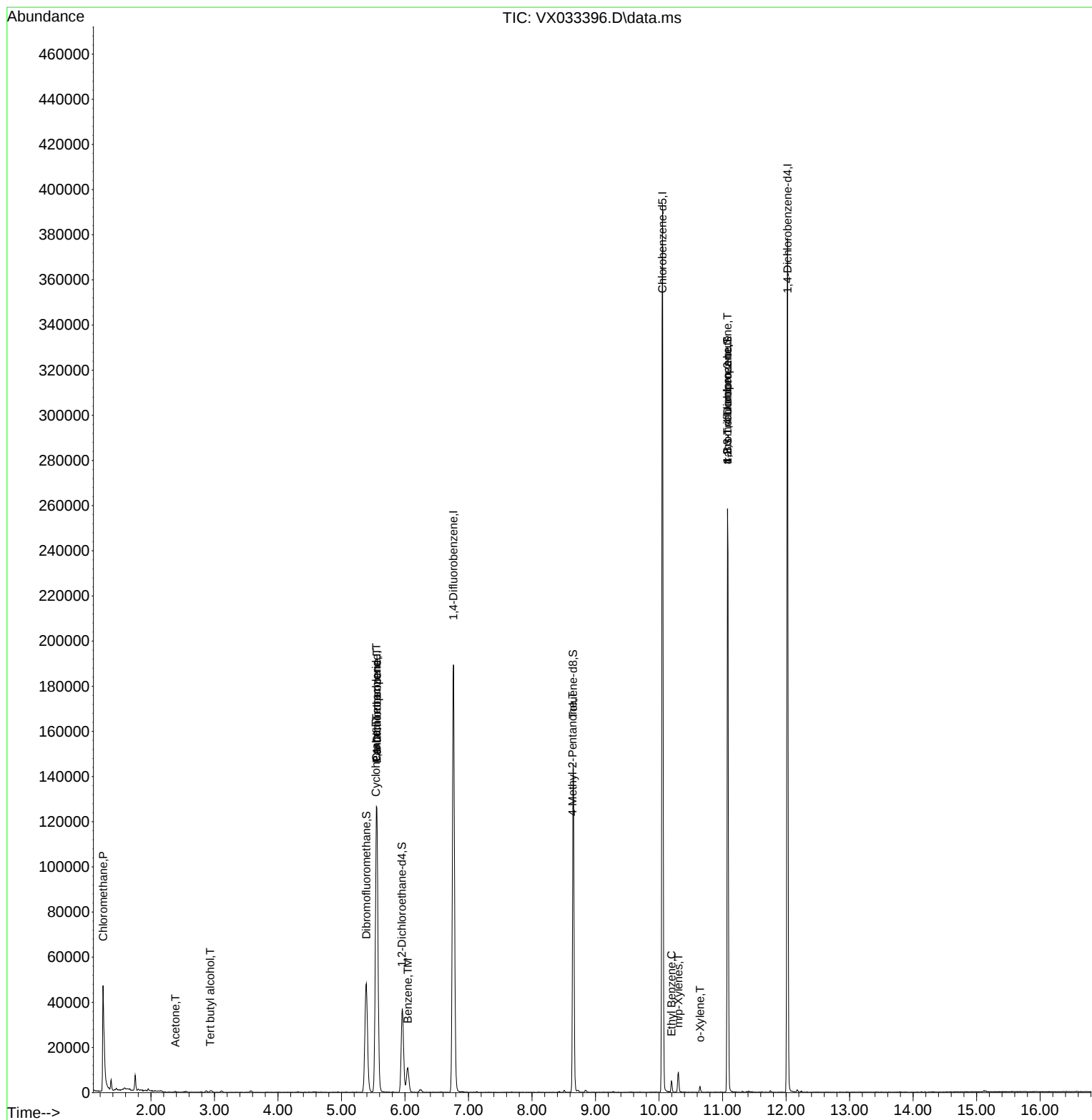
Internal Standards						
1) Pentafluorobenzene	5.556	168	123485	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	196145	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	176382	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	79947	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	38000	47.968	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.940%
35) Dibromofluoromethane	5.391	113	42348	48.002	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.000%
50) Toluene-d8	8.647	98	90729	49.161	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.320%
62) 4-Bromofluorobenzene	11.079	95	68677	48.668	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.340%
Target Compounds						
					Qvalue	
3) Chloromethane	1.246	50	1368	1.372	ug/l #	43
11) Tert butyl alcohol	2.934	59	530	2.188	ug/l #	72
16) Acetone	2.386	43	447	0.763	ug/l #	34
31) Cyclohexane	5.544	56	2082	1.106	ug/l #	8
36) 1,1-Dichloropropene	5.556	75	8964	5.212	ug/l #	50
38) Carbon Tetrachloride	5.550	117	12519	6.496	ug/l #	16
40) Benzene	6.043	78	13882	2.768	ug/l	98
51) 4-Methyl-2-Pentanone	8.641	43	409	0.247	ug/l #	1
67) Ethyl Benzene	10.195	91	3194	0.513	ug/l #	87
68) m/p-Xylenes	10.305	106	2277	0.941	ug/l	93
69) o-Xylene	10.646	106	603	0.252	ug/l	74
76) 1,2,3-Trichloropropane	11.079	75	35103	21.582	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	35103	67.133	ug/l #	6

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 07 12:43:54 2022
Response via : Initial Calibration

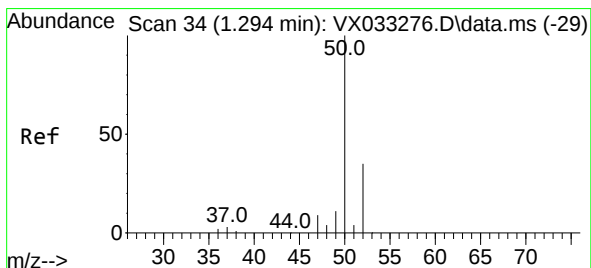
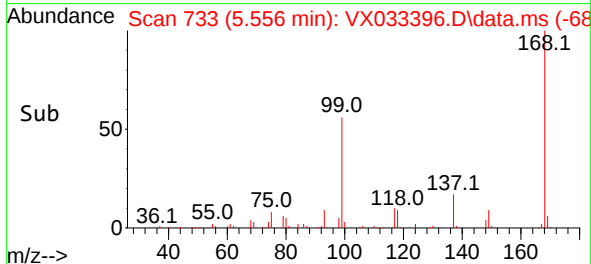
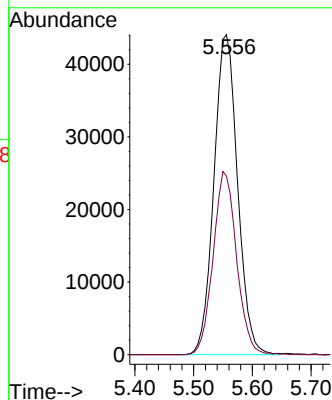
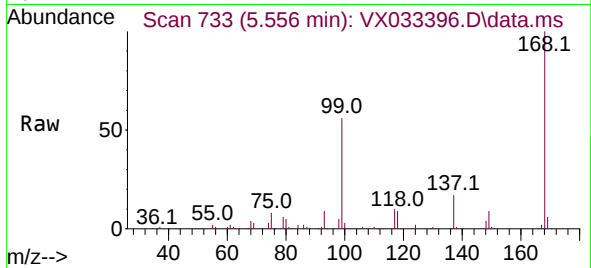




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033396.D
Acq: 13 Dec 2022 16:40

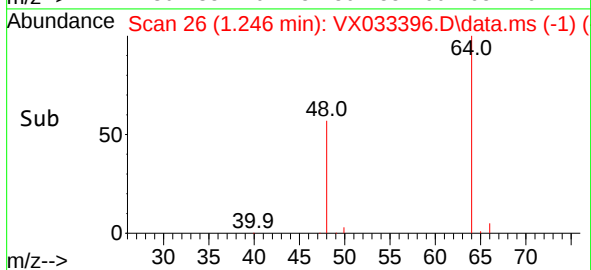
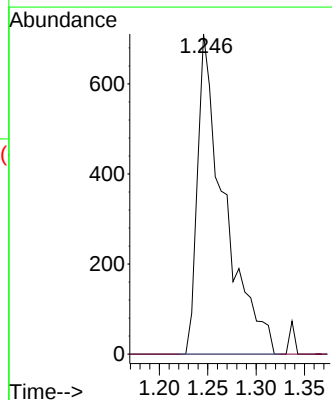
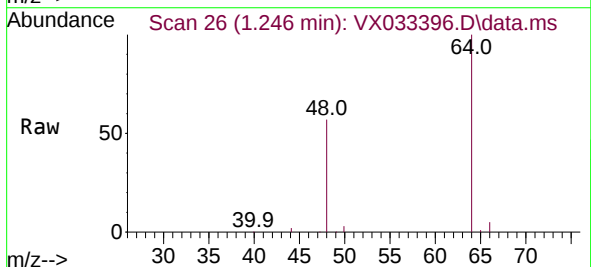
Instrument :
MSVOA_X
ClientSampleId :
MW-11B

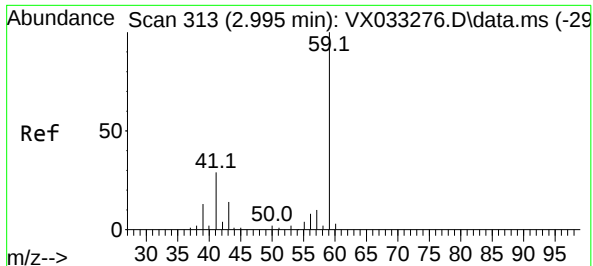
Tgt Ion:168 Resp: 123485
Ion Ratio Lower Upper
168 100
99 55.8 46.1 69.1



#3
Chloromethane
Concen: 1.372 ug/l
RT: 1.246 min Scan# 26
Delta R.T. -0.049 min
Lab File: VX033396.D
Acq: 13 Dec 2022 16:40

Tgt Ion: 50 Resp: 1368
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#





#11

Tert butyl alcohol

Concen: 2.188 ug/l

RT: 2.934 min Scan# 30

Delta R.T. -0.061 min

Lab File: VX033396.D

Acq: 13 Dec 2022 16:40

Instrument :

MSVOA_X

ClientSampleId :

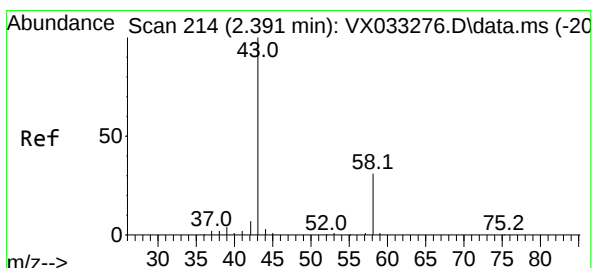
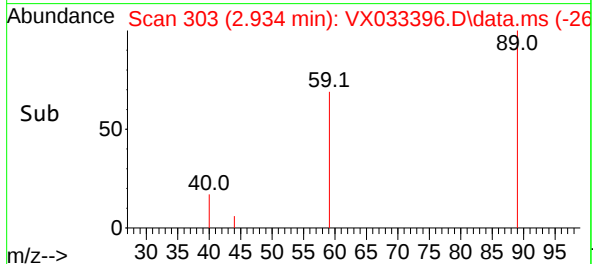
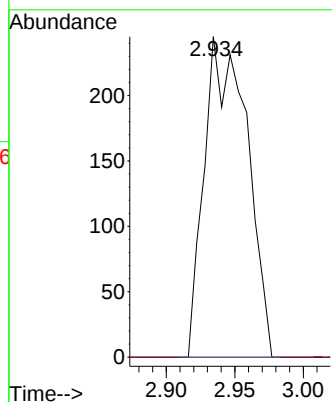
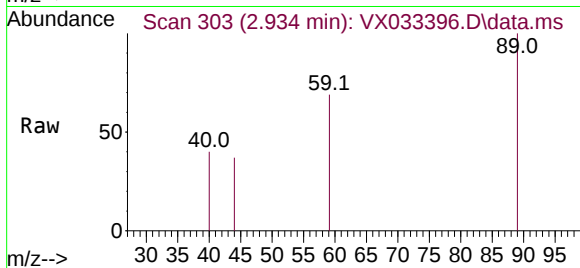
MW-11B

Tgt Ion: 59 Resp: 530

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#16

Acetone

Concen: 0.763 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX033396.D

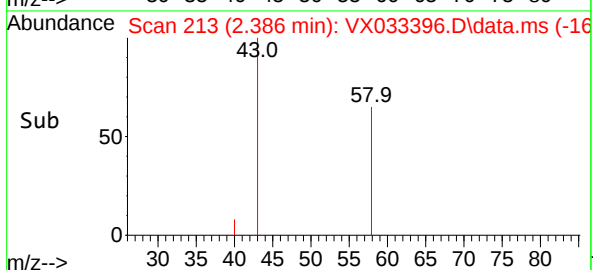
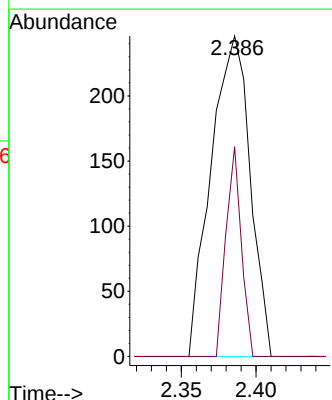
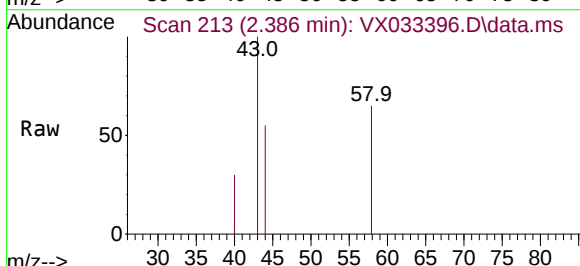
Acq: 13 Dec 2022 16:40

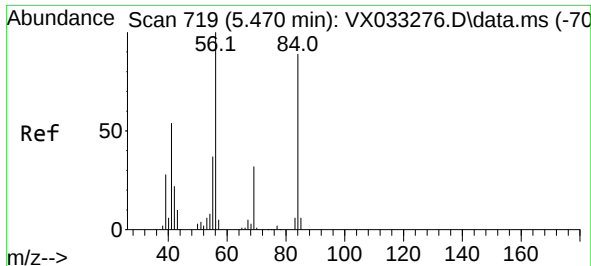
Tgt Ion: 43 Resp: 447

Ion Ratio Lower Upper

43 100

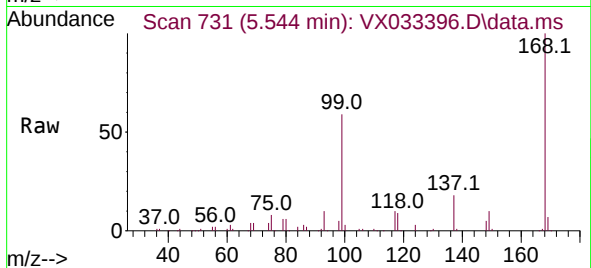
58 65.4 23.8 35.8#





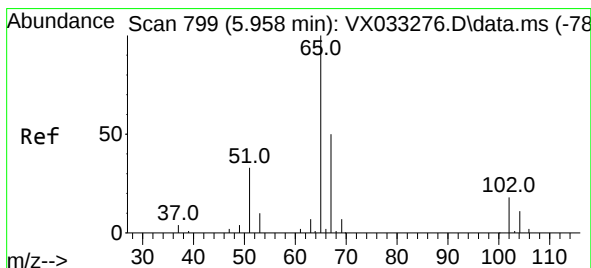
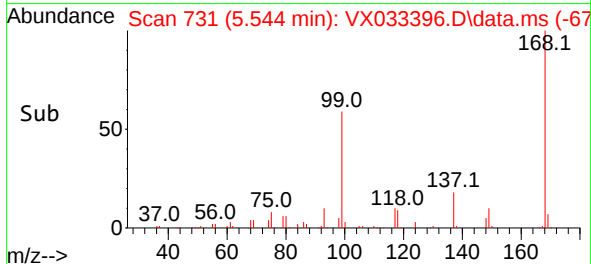
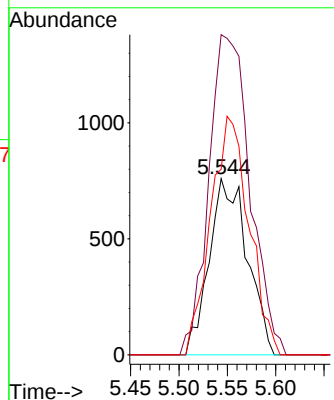
#31
Cyclohexane
Concen: 1.106 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX033396.D
Acq: 13 Dec 2022 16:40

Instrument :
MSVOA_X
ClientSampleId :
MW-11B



Tgt Ion: 56 Resp: 2082

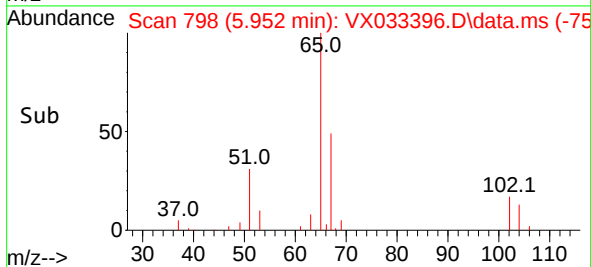
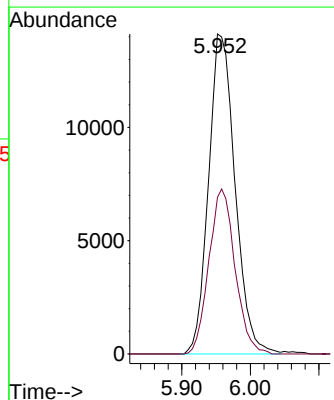
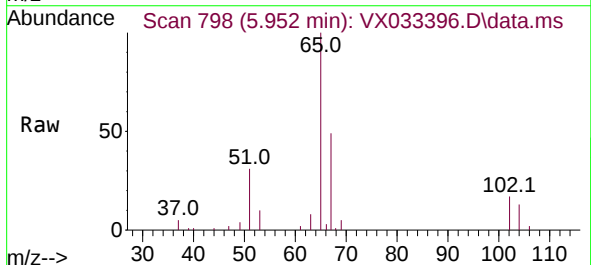
Ion	Ratio	Lower	Upper
56	100		
69	181.8	24.1	36.1#
84	105.4	66.9	100.3#

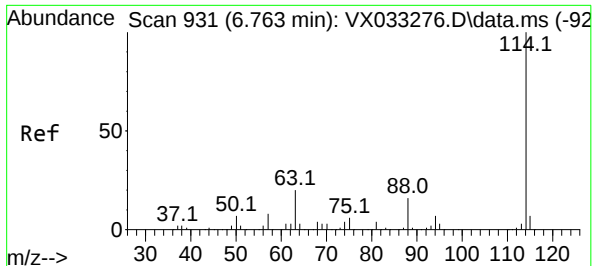


#33
1,2-Dichloroethane-d4
Concen: 47.968 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX033396.D
Acq: 13 Dec 2022 16:40

Tgt Ion: 65 Resp: 38000

Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	101.8

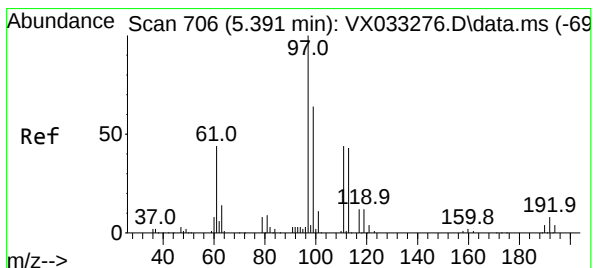
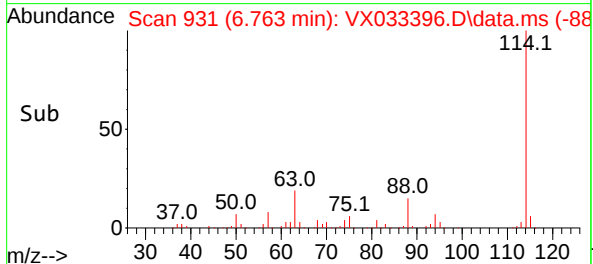
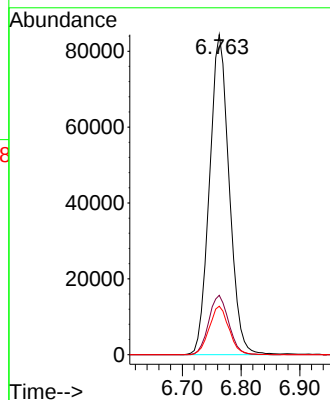
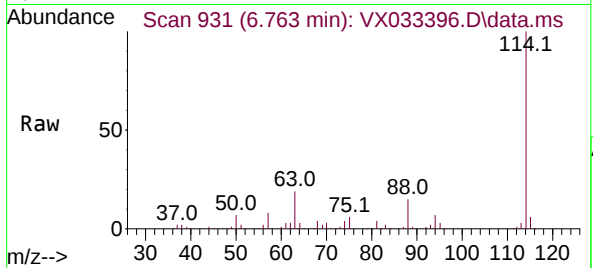




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX033396.D
Acq: 13 Dec 2022 16:40

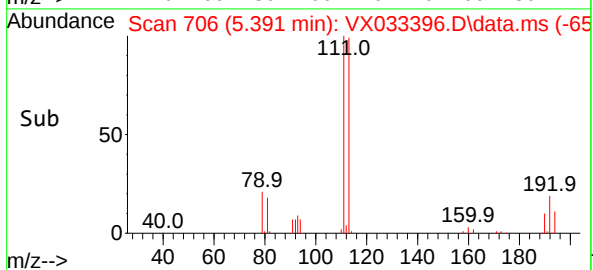
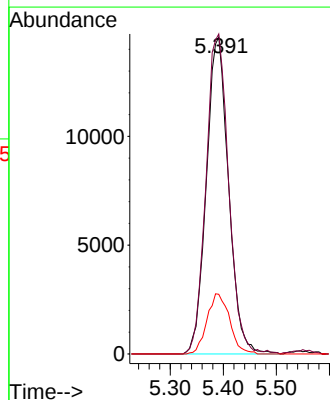
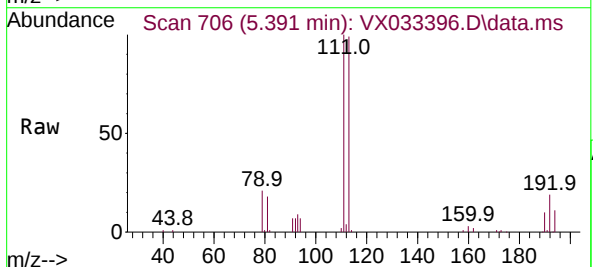
Instrument :
MSVOA_X
ClientSampleId :
MW-11B

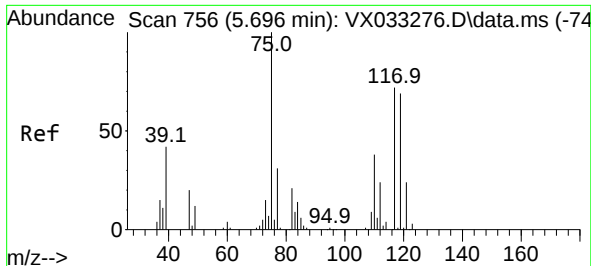
Tgt Ion:114 Resp: 196145
Ion Ratio Lower Upper
114 100
63 18.6 0.0 41.6
88 15.2 0.0 33.4



#35
Dibromofluoromethane
Concen: 48.002 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX033396.D
Acq: 13 Dec 2022 16:40

Tgt Ion:113 Resp: 42348
Ion Ratio Lower Upper
113 100
111 102.9 82.4 123.6
192 19.3 15.4 23.2

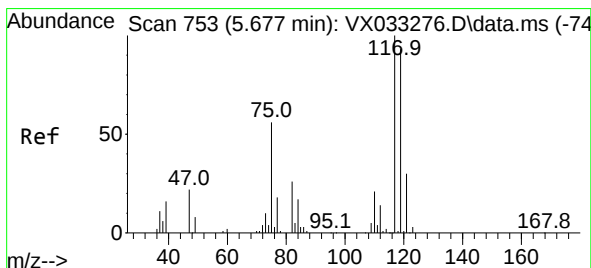
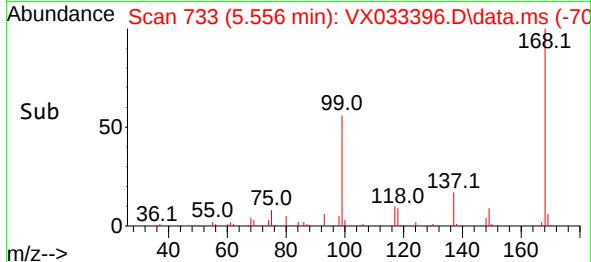
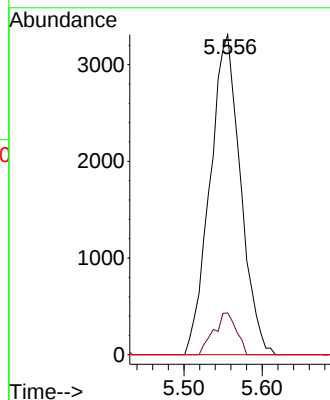
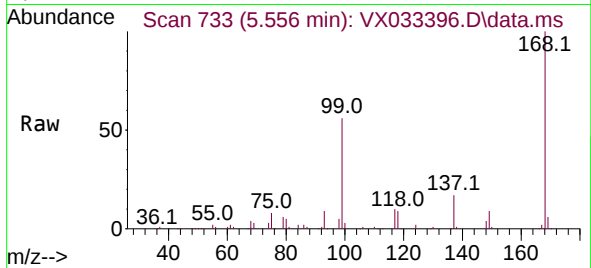




#36
1,1-Dichloropropene
Concen: 5.212 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX033396.D
Acq: 13 Dec 2022 16:40

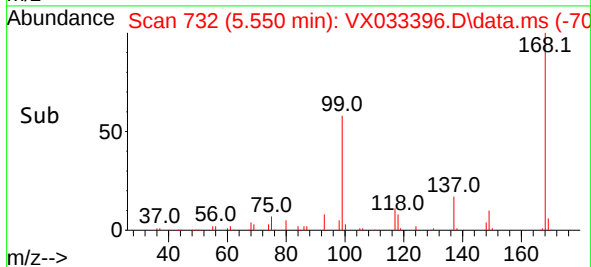
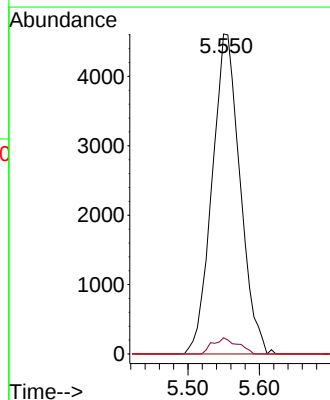
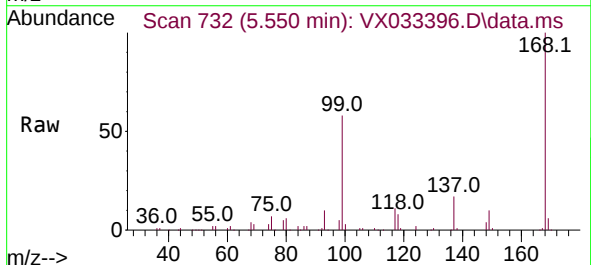
Instrument :
MSVOA_X
ClientSampleId :
MW-11B

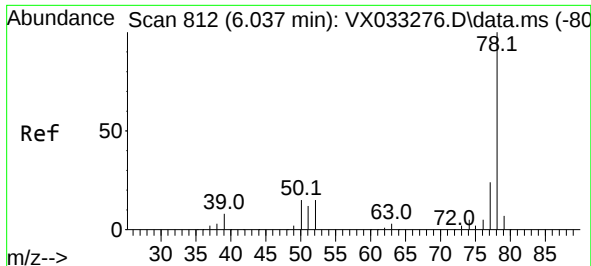
Tgt Ion: 75 Resp: 8964
Ion Ratio Lower Upper
75 100
110 9.7 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 6.496 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX033396.D
Acq: 13 Dec 2022 16:40

Tgt Ion: 117 Resp: 12519
Ion Ratio Lower Upper
117 100
119 5.1 77.2 115.8#
121 0.0 25.8 38.6#

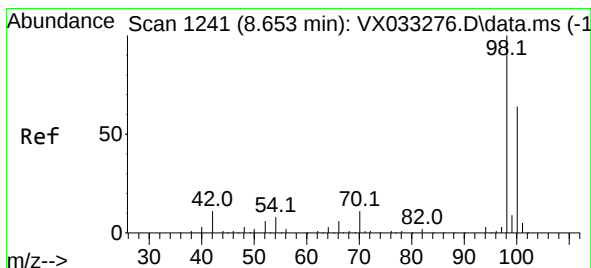
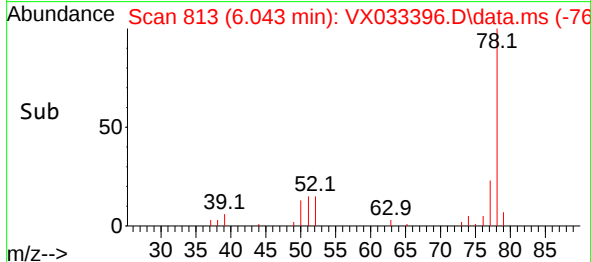
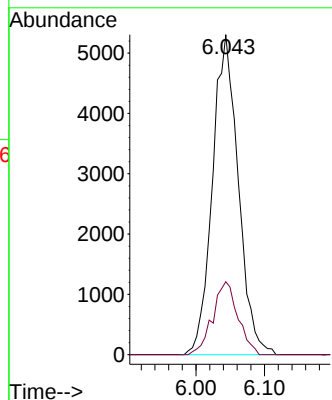
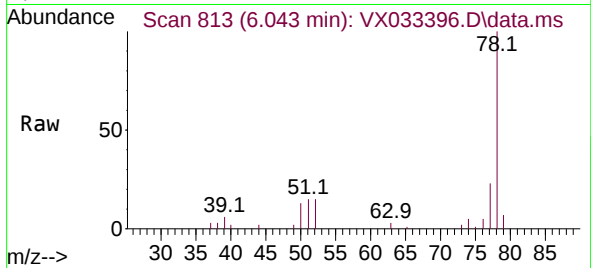




#40
Benzene
Concen: 2.768 ug/l
RT: 6.043 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX033396.D
Acq: 13 Dec 2022 16:40

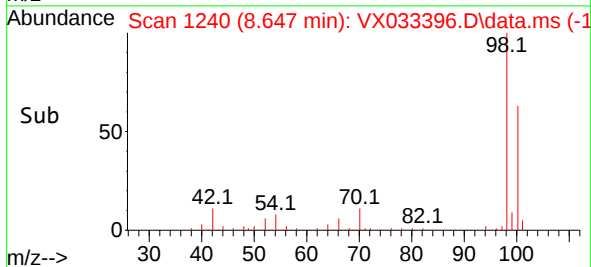
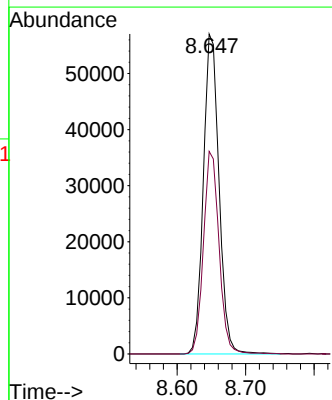
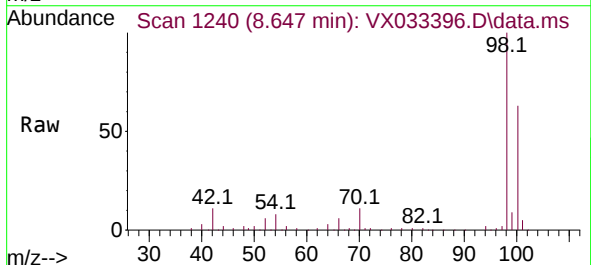
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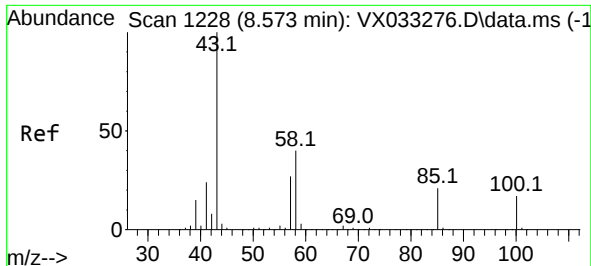
Tgt Ion: 78 Resp: 13882
Ion Ratio Lower Upper
78 100
77 22.8 19.0 28.4



#50
Toluene-d8
Concen: 49.161 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX033396.D
Acq: 13 Dec 2022 16:40

Tgt Ion: 98 Resp: 90729
Ion Ratio Lower Upper
98 100
100 63.2 50.9 76.3

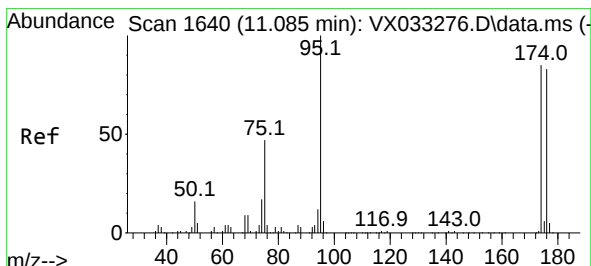
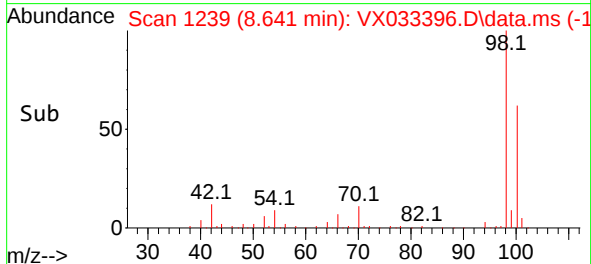
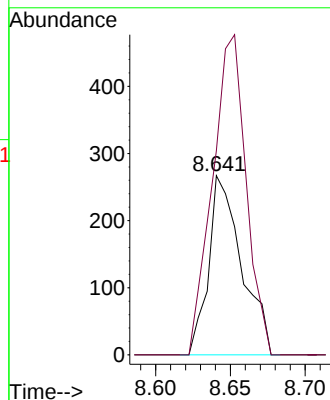
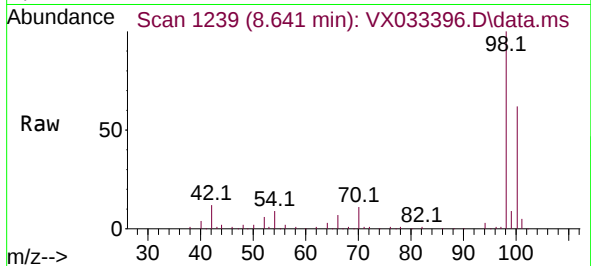




#51
4-Methyl-2-Pentanone
Concen: 0.247 ug/l
RT: 8.641 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX033396.D
Acq: 13 Dec 2022 16:40

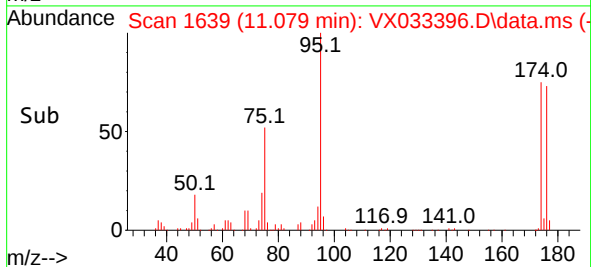
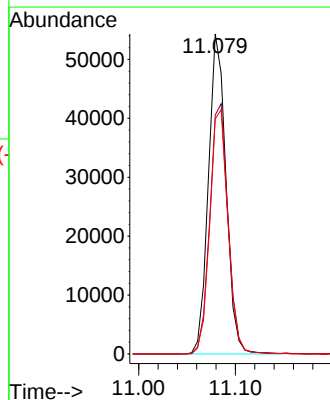
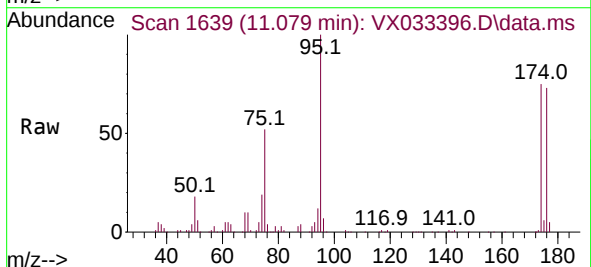
Instrument :
MSVOA_X
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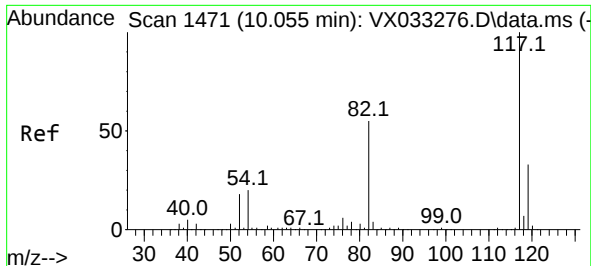
Tgt Ion: 43 Resp: 409
Ion Ratio Lower Upper
43 100
58 182.6 30.9 46.3#



#62
4-Bromofluorobenzene
Concen: 48.668 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033396.D
Acq: 13 Dec 2022 16:40

Tgt Ion: 95 Resp: 68677
Ion Ratio Lower Upper
95 100
174 81.6 0.0 164.0
176 79.1 0.0 154.4

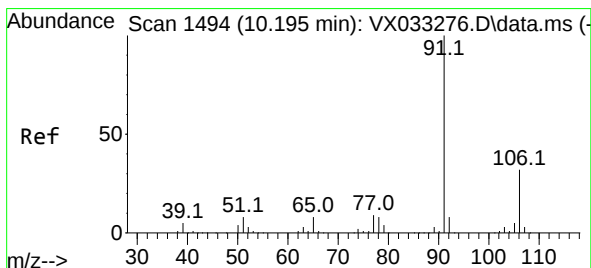
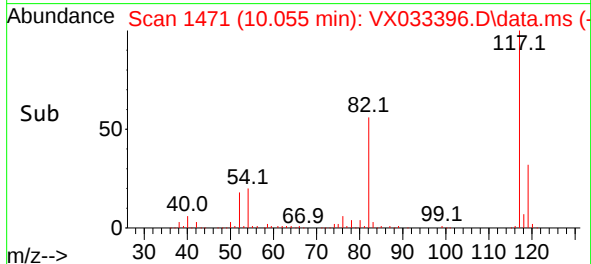
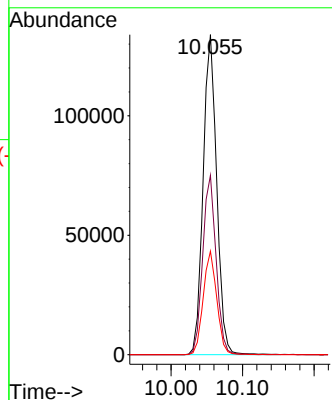
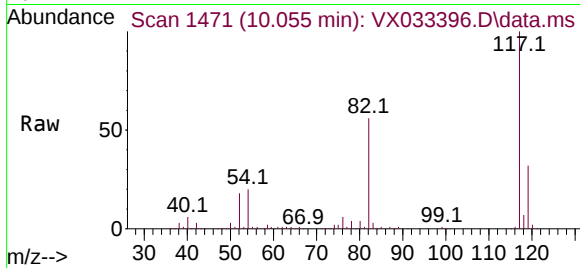




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033396.D
Acq: 13 Dec 2022 16:40

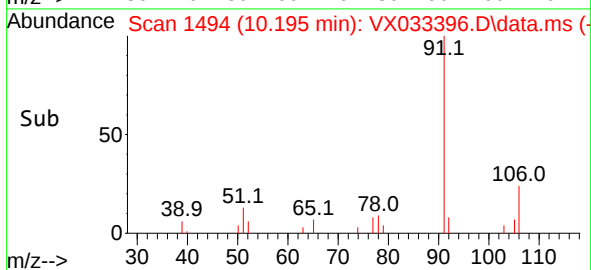
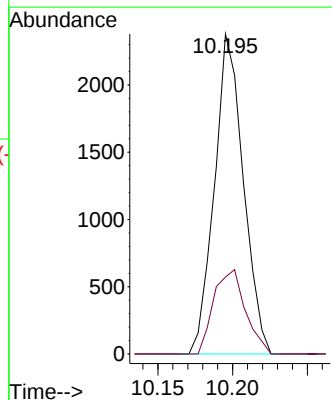
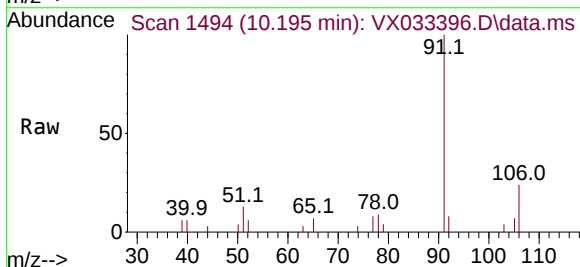
Instrument :
MSVOA_X
ClientSampleId :
MW-11B

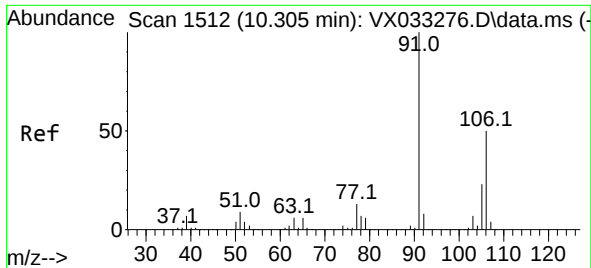
Tgt Ion:117 Resp: 176382
Ion Ratio Lower Upper
117 100
82 56.1 44.3 66.5
119 32.4 25.7 38.5



#67
Ethyl Benzene
Concen: 0.513 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033396.D
Acq: 13 Dec 2022 16:40

Tgt Ion: 91 Resp: 3194
Ion Ratio Lower Upper
91 100
106 24.0 25.0 37.6#

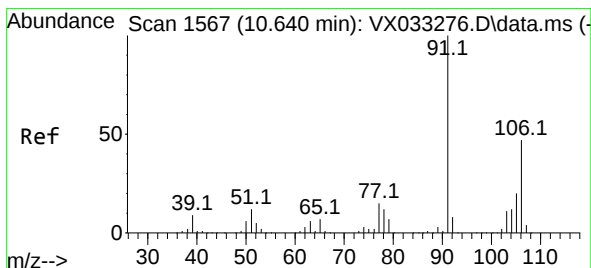
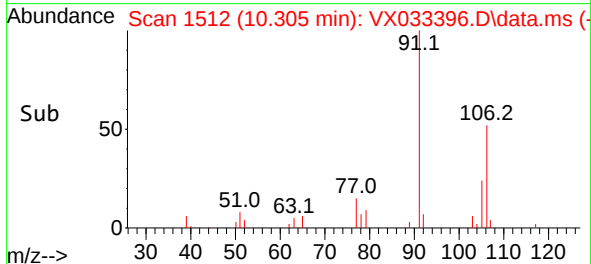
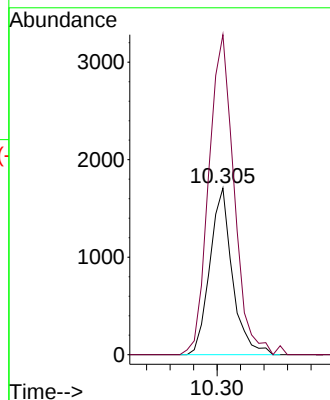
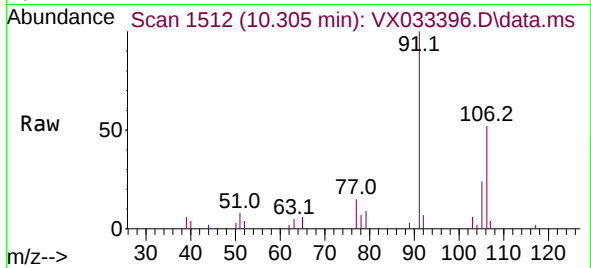




#68
m/p-Xylenes
Concen: 0.941 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX033396.D
Acq: 13 Dec 2022 16:40

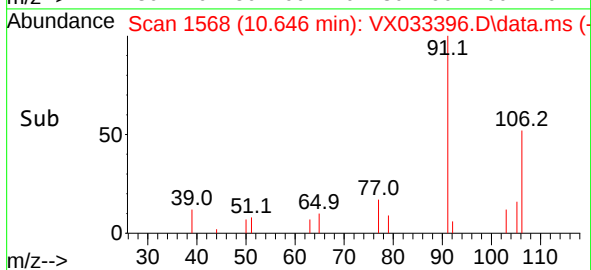
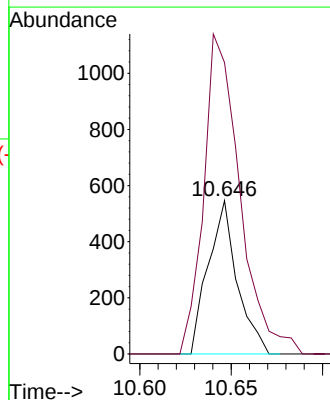
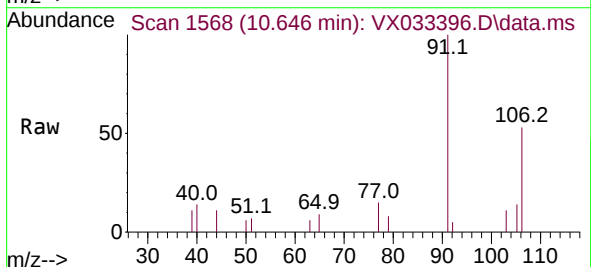
Instrument :
MSVOA_X
ClientSampleId :
MW-11B

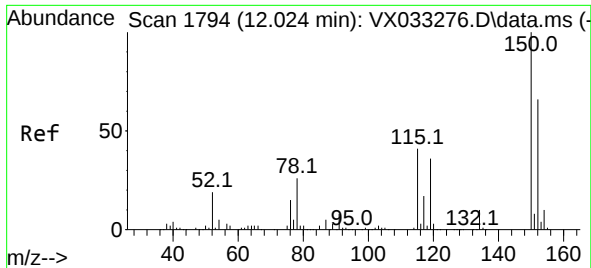
Tgt Ion:106 Resp: 2277
Ion Ratio Lower Upper
106 100
91 216.1 164.5 246.7



#69
o-Xylene
Concen: 0.252 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX033396.D
Acq: 13 Dec 2022 16:40

Tgt Ion:106 Resp: 603
Ion Ratio Lower Upper
106 100
91 260.0 109.2 327.6

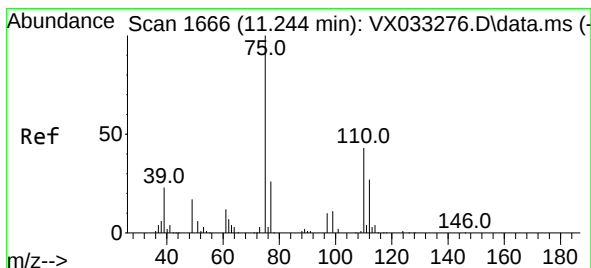
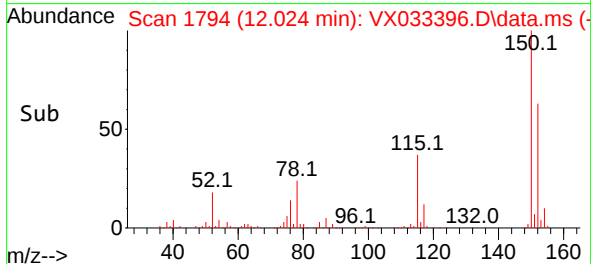
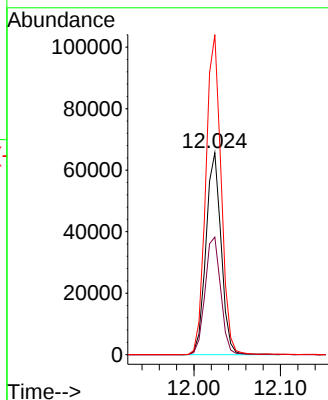
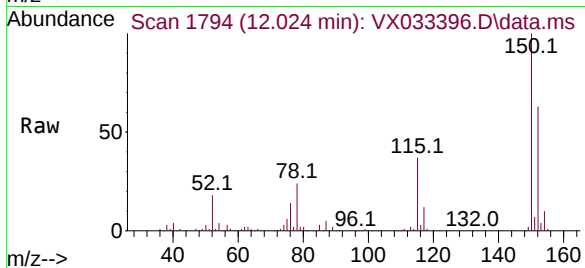




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX033396.D
 Acq: 13 Dec 2022 16:40

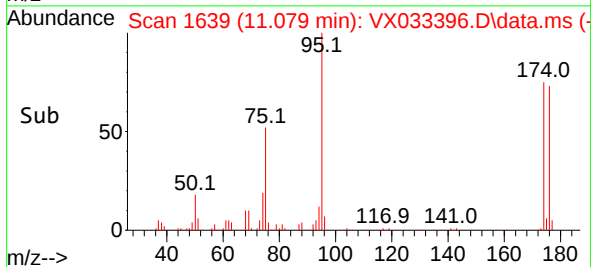
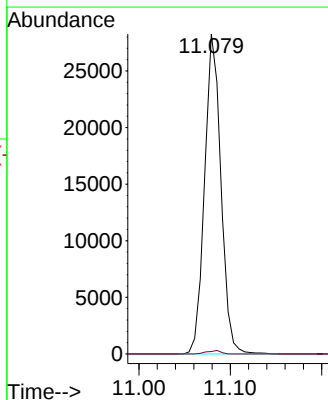
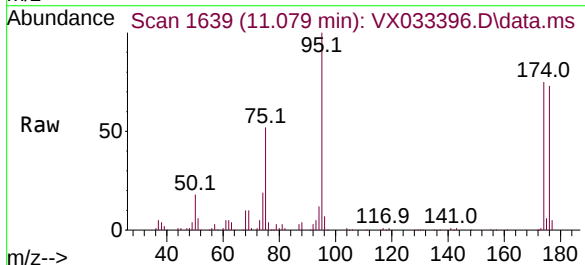
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-11B

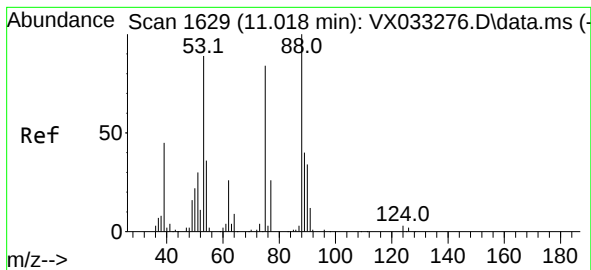
Tgt Ion:152 Resp: 79947
 Ion Ratio Lower Upper
 152 100
 115 60.2 44.0 132.0
 150 159.5 0.0 351.8



#76
 1,2,3-Trichloropropane
 Concen: 21.582 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.164 min
 Lab File: VX033396.D
 Acq: 13 Dec 2022 16:40

Tgt Ion: 75 Resp: 35103
 Ion Ratio Lower Upper
 75 100
 77 0.9 20.0 60.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.133 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX033396.D
 Acq: 13 Dec 2022 16:40

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-11B

Tgt Ion: 75 Resp: 35103
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.9 130.3#
 89 0.0 38.3 57.5#

