

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121322\
 Data File : VX033400.D
 Acq On : 13 Dec 2022 18:12
 Operator : JC/MD
 Sample : N6001-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-14

Quant Time: Dec 14 05:40:45 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)

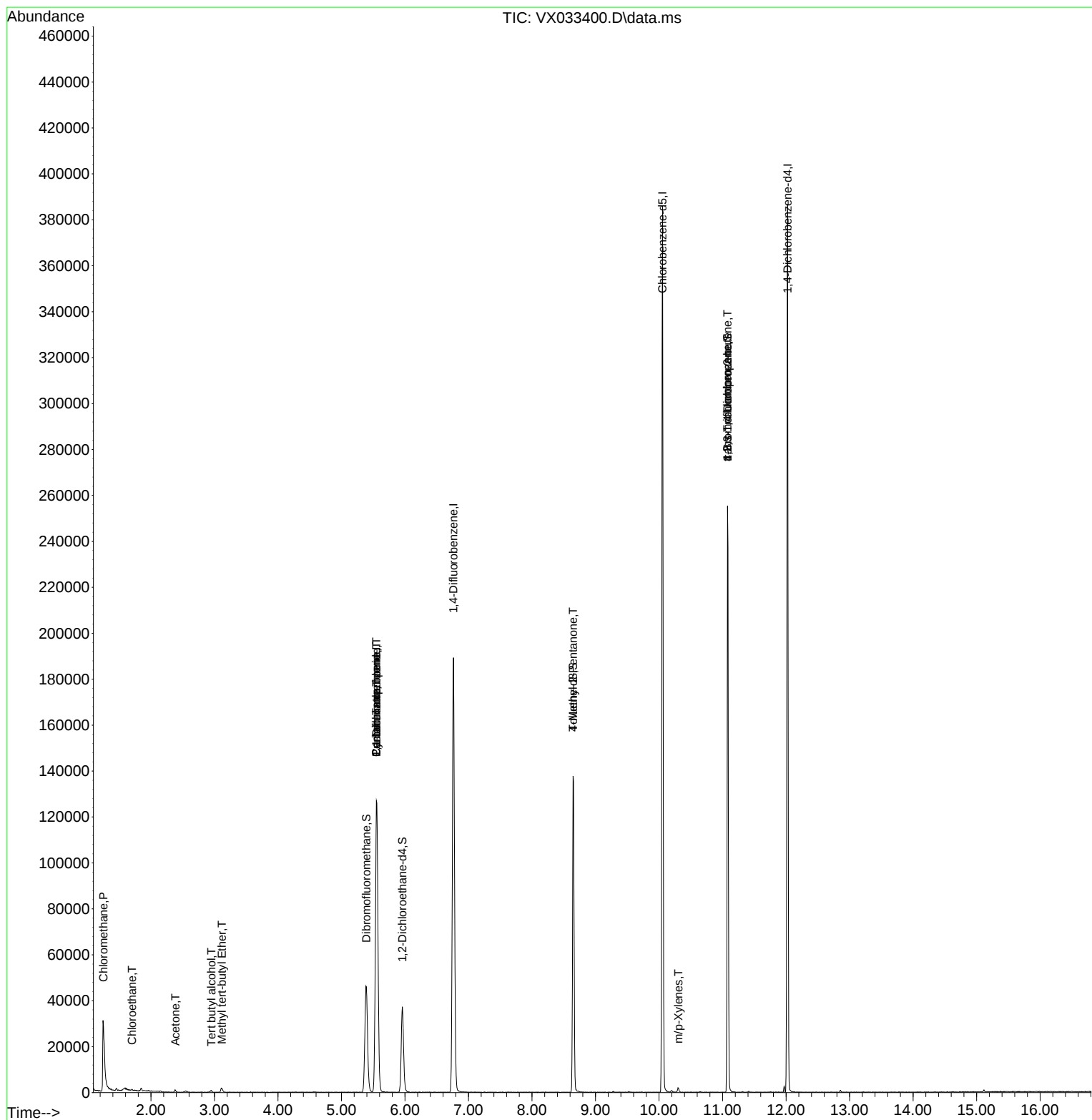
Internal Standards						
1) Pentafluorobenzene	5.550	168	122506	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	196147	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	175070	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	81139	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	37137	47.253	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.500%
35) Dibromofluoromethane	5.391	113	41310	46.824	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.640%
50) Toluene-d8	8.647	98	85750	46.462	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.920%
62) 4-Bromofluorobenzene	11.079	95	64741	45.878	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.760%
Target Compounds						
					Qvalue	
3) Chloromethane	1.252	50	1119	1.131	ug/l #	43
6) Chloroethane	1.703	64	324	0.378	ug/l #	42
11) Tert butyl alcohol	2.953	59	488	2.031	ug/l #	72
16) Acetone	2.386	43	996	1.713	ug/l #	86
19) Methyl tert-butyl Ether	3.117	73	2075	0.539	ug/l	97
31) Cyclohexane	5.550	56	2388	1.279	ug/l #	4
36) 1,1-Dichloropropene	5.550	75	9230	5.366	ug/l #	50
38) Carbon Tetrachloride	5.550	117	12467	6.469	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	388	0.235	ug/l #	1
68) m/p-Xylenes	10.305	106	626	0.261	ug/l	92
76) 1,2,3-Trichloropropane	11.079	75	34476	20.885	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	34476	64.965	ug/l #	6

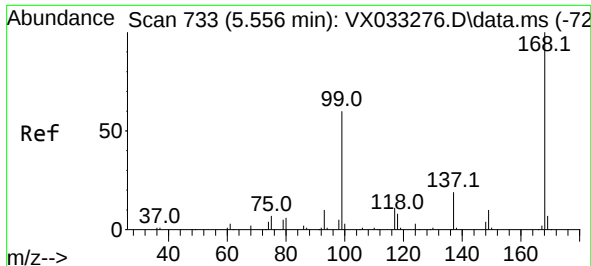
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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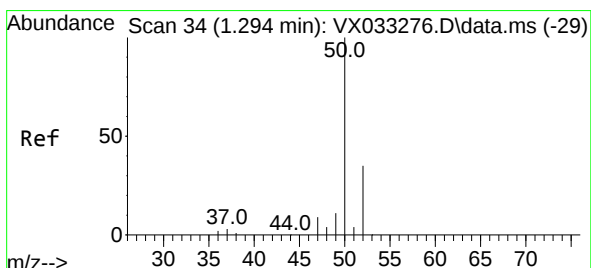
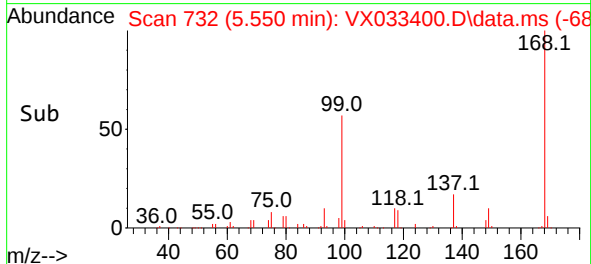
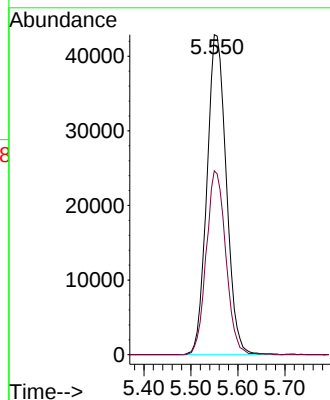
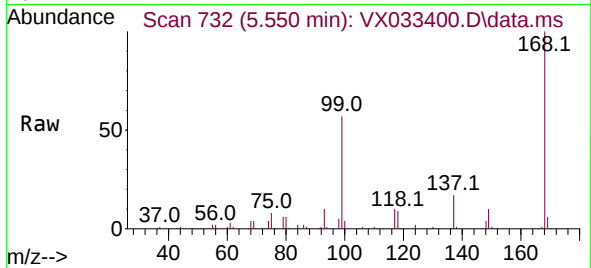




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX033400.D
Acq: 13 Dec 2022 18:12

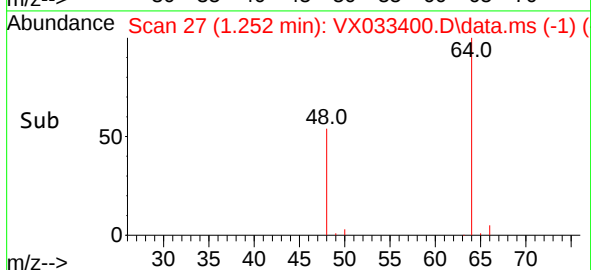
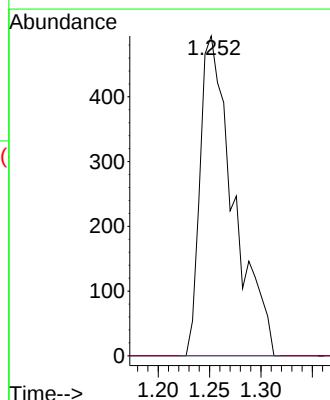
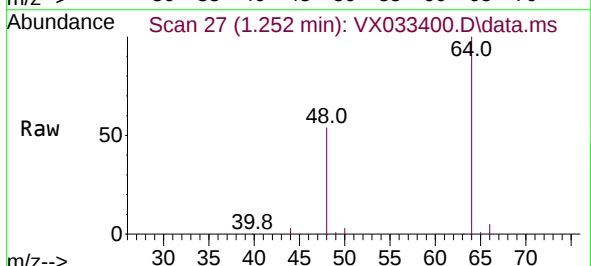
Instrument :
MSVOA_X
ClientSampleId :
MW-14

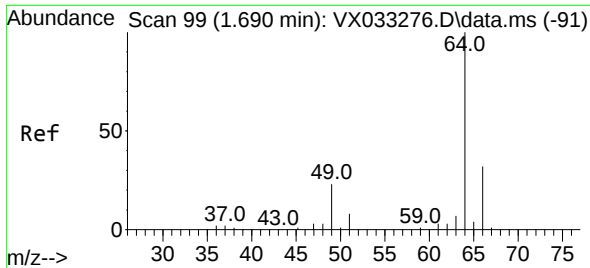
Tgt Ion:168 Resp: 122506
Ion Ratio Lower Upper
168 100
99 57.5 46.1 69.1



#3
Chloromethane
Concen: 1.131 ug/l
RT: 1.252 min Scan# 27
Delta R.T. -0.042 min
Lab File: VX033400.D
Acq: 13 Dec 2022 18:12

Tgt Ion: 50 Resp: 1119
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#

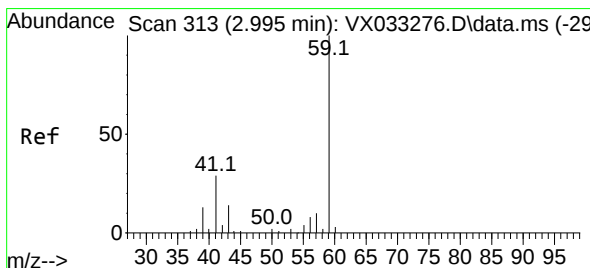
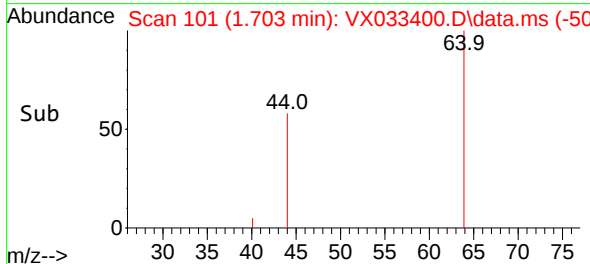
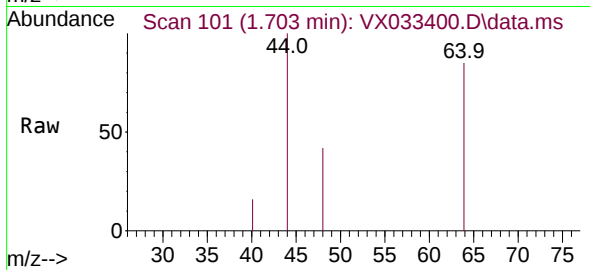




#6
Chloroethane
Concen: 0.378 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.012 min
Lab File: VX033400.D
Acq: 13 Dec 2022 18:12

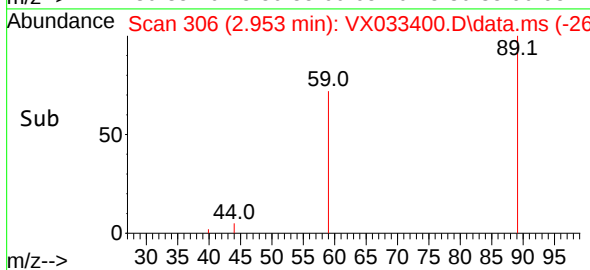
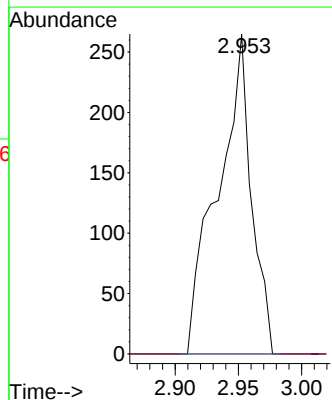
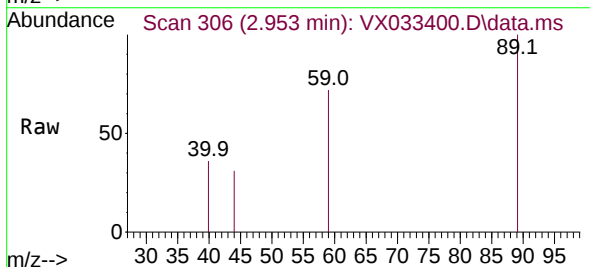
Instrument :
MSVOA_X
ClientSampleId :
MW-14

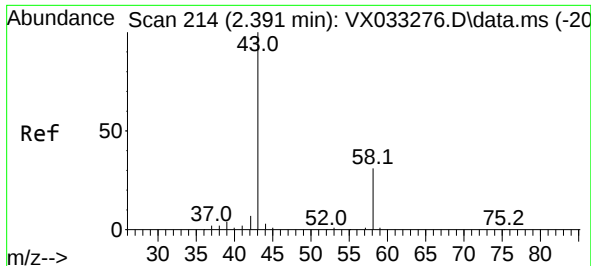
Tgt Ion: 64 Resp: 324
Ion Ratio Lower Upper
64 100
66 0.0 26.0 39.0#



#11
Tert butyl alcohol
Concen: 2.031 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.042 min
Lab File: VX033400.D
Acq: 13 Dec 2022 18:12

Tgt Ion: 59 Resp: 488
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

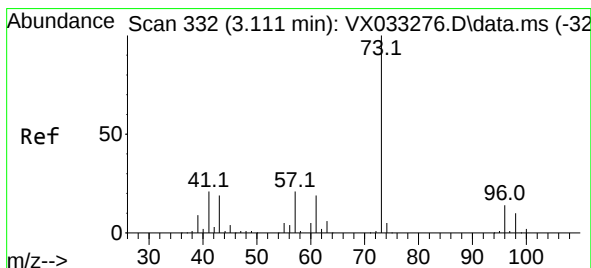
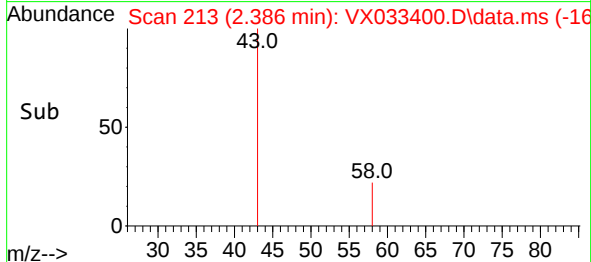
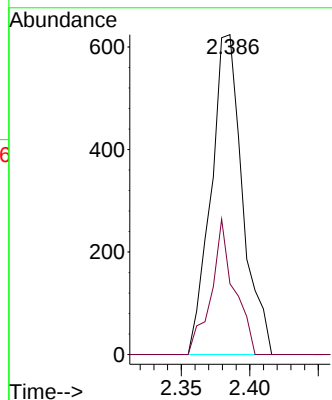
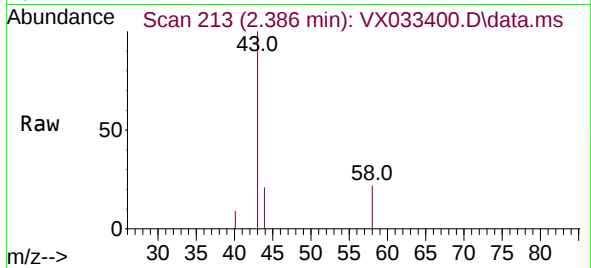




#16
Acetone
Concen: 1.713 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX033400.D
Acq: 13 Dec 2022 18:12

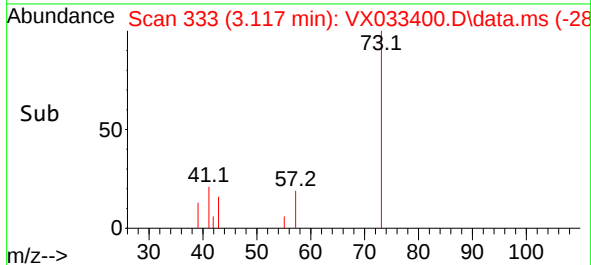
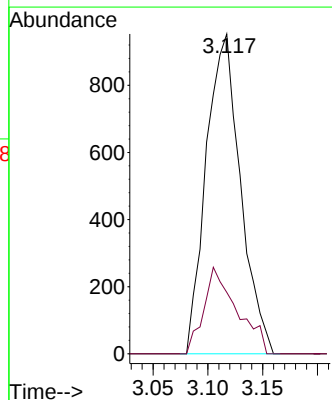
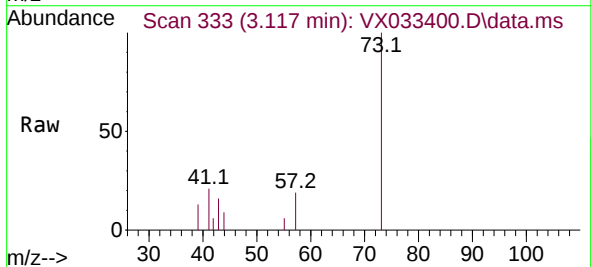
Instrument :
MSVOA_X
ClientSampleId :
MW-14

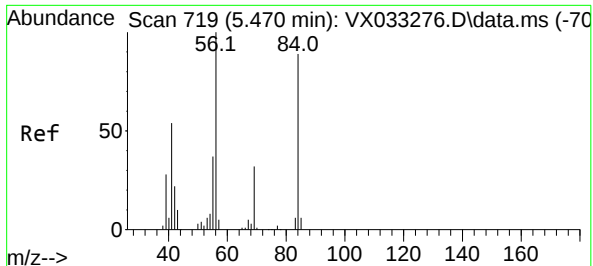
Tgt Ion: 43 Resp: 996
Ion Ratio Lower Upper
43 100
58 22.1 23.8 35.8#



#19
Methyl tert-butyl Ether
Concen: 0.539 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX033400.D
Acq: 13 Dec 2022 18:12

Tgt Ion: 73 Resp: 2075
Ion Ratio Lower Upper
73 100
57 19.2 16.6 25.0

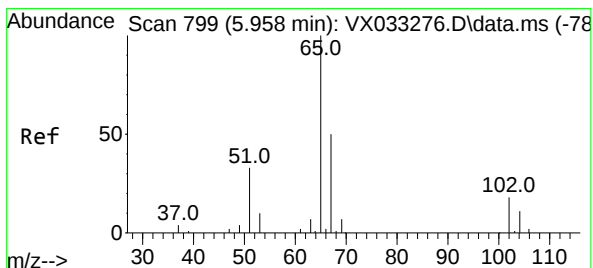
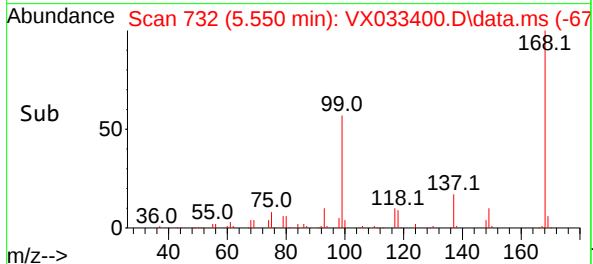
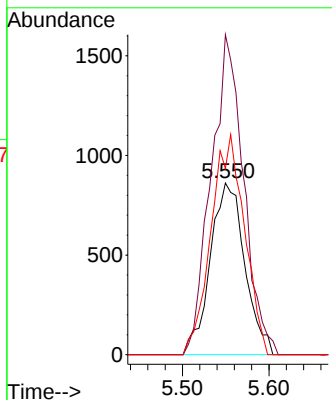
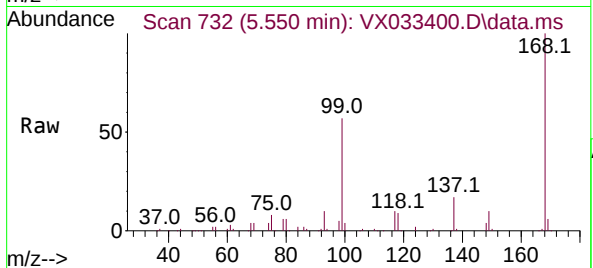




#31
Cyclohexane
Concen: 1.279 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX033400.D
Acq: 13 Dec 2022 18:12

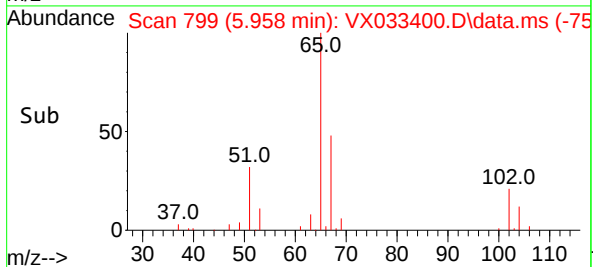
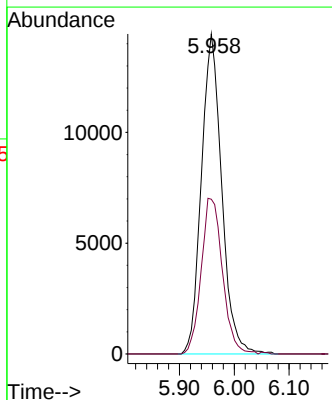
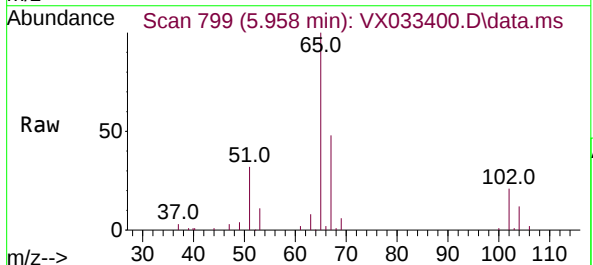
Instrument :
MSVOA_X
ClientSampleId :
MW-14

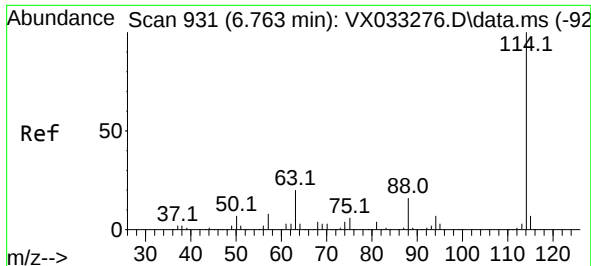
Tgt Ion: 56 Resp: 2388
Ion Ratio Lower Upper
56 100
69 186.3 24.1 36.1#
84 108.4 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 47.253 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033400.D
Acq: 13 Dec 2022 18:12

Tgt Ion: 65 Resp: 37137
Ion Ratio Lower Upper
65 100
67 50.9 0.0 101.8

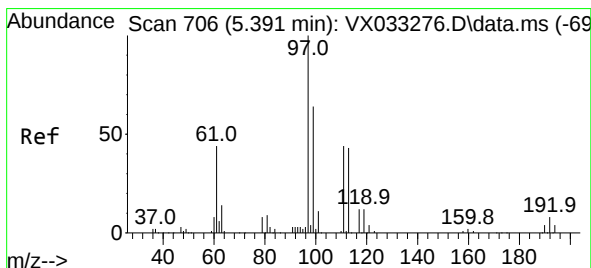
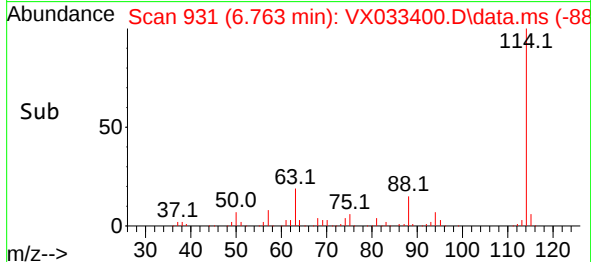
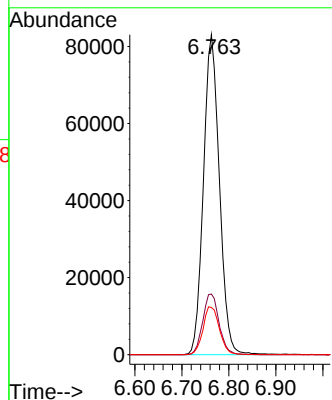
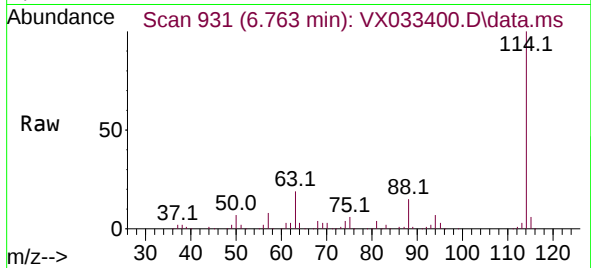




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX033400.D
Acq: 13 Dec 2022 18:12

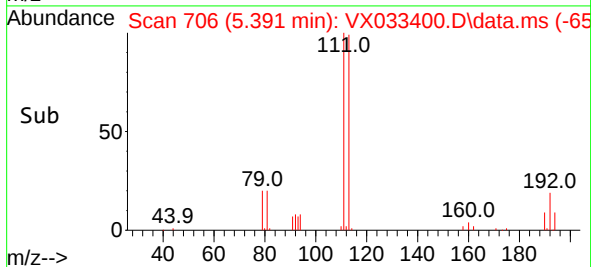
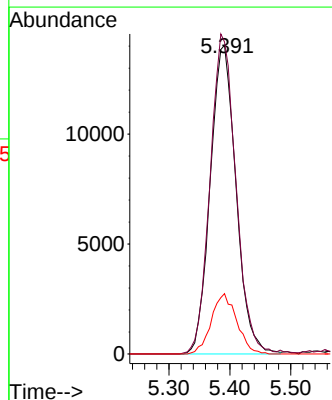
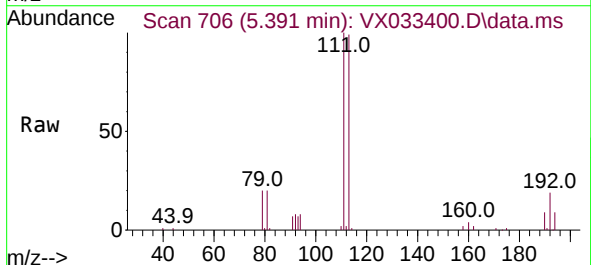
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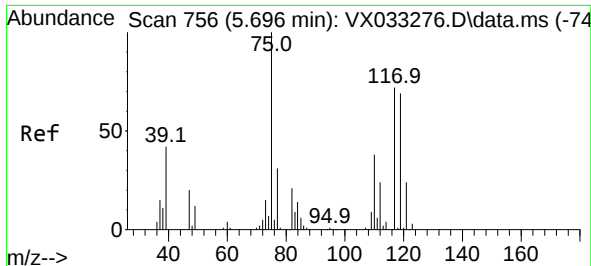
Tgt Ion:114 Resp: 196147
Ion Ratio Lower Upper
114 100
63 18.9 0.0 41.6
88 14.7 0.0 33.4



#35
Dibromofluoromethane
Concen: 46.824 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX033400.D
Acq: 13 Dec 2022 18:12

Tgt Ion:113 Resp: 41310
Ion Ratio Lower Upper
113 100
111 103.5 82.4 123.6
192 19.3 15.4 23.2

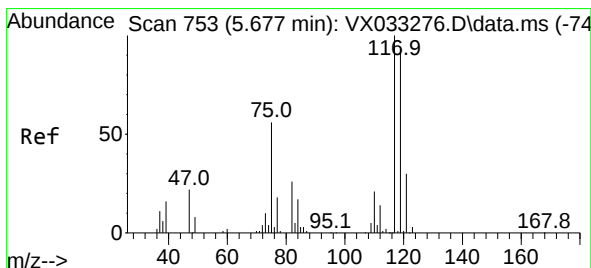
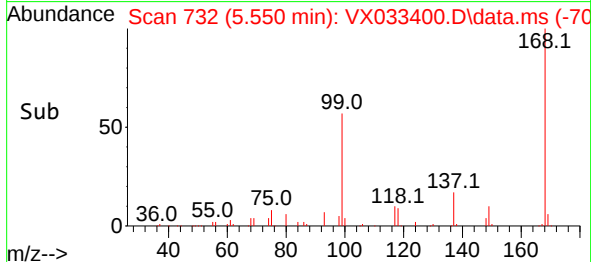
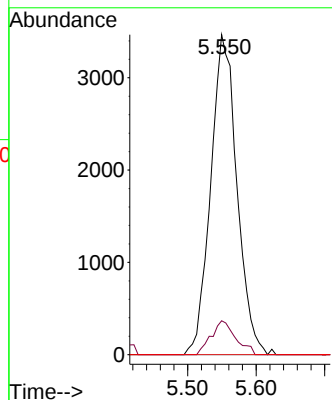
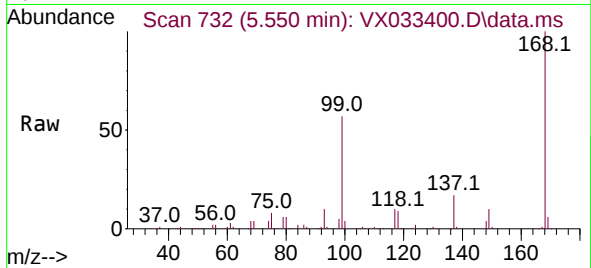




#36
1,1-Dichloropropene
Concen: 5.366 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.146 min
Lab File: VX033400.D
Acq: 13 Dec 2022 18:12

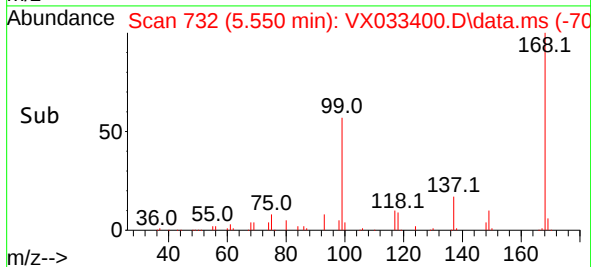
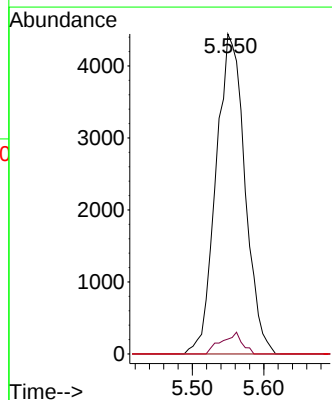
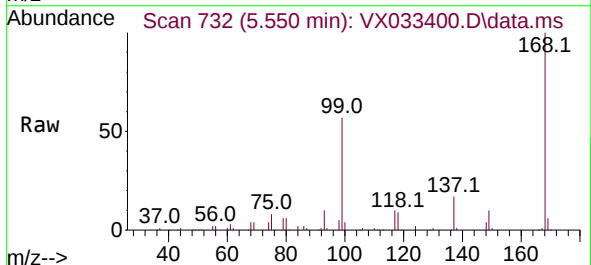
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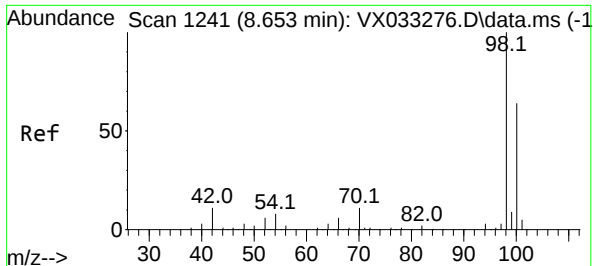
Tgt Ion: 75 Resp: 9230
Ion Ratio Lower Upper
75 100
110 9.8 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 6.469 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX033400.D
Acq: 13 Dec 2022 18:12

Tgt Ion: 117 Resp: 12467
Ion Ratio Lower Upper
117 100
119 4.7 77.2 115.8#
121 0.0 25.8 38.6#

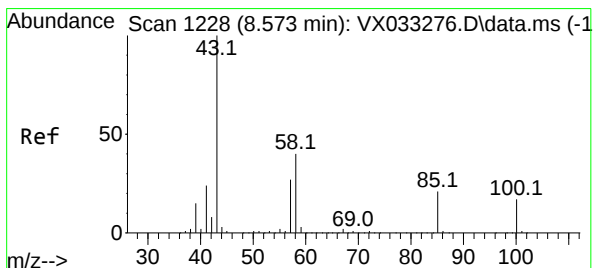
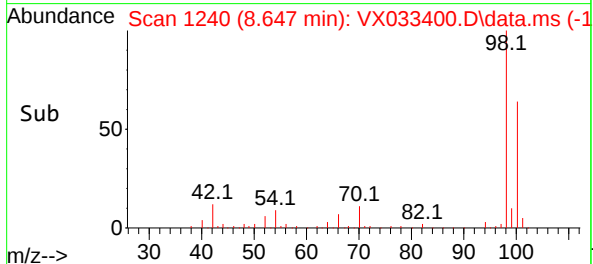
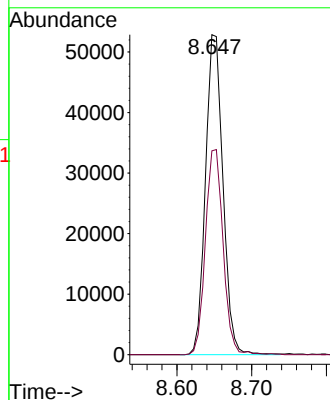
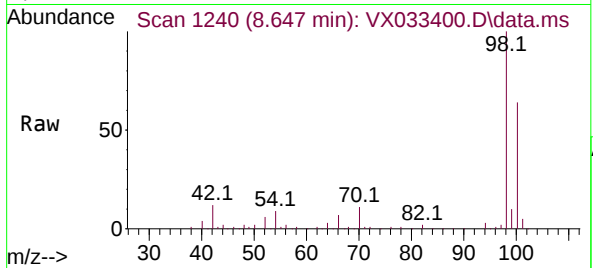




#50
Toluene-d8
Concen: 46.462 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033400.D
Acq: 13 Dec 2022 18:12

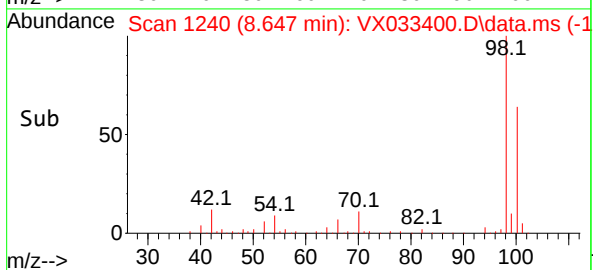
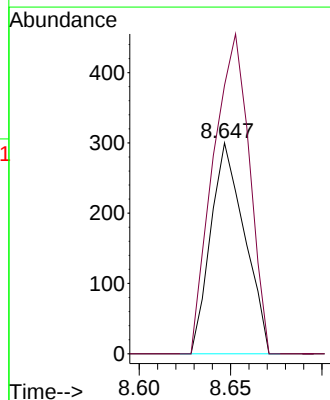
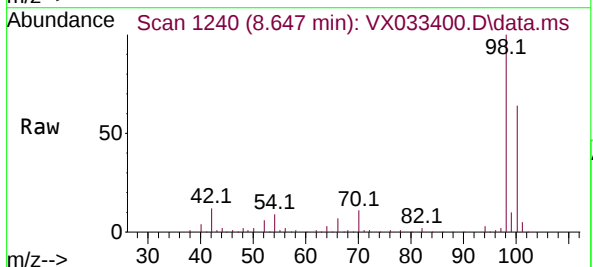
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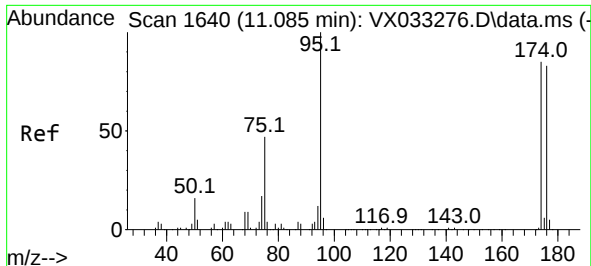
Tgt Ion: 98 Resp: 85750
Ion Ratio Lower Upper
98 100
100 64.8 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.235 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX033400.D
Acq: 13 Dec 2022 18:12

Tgt Ion: 43 Resp: 388
Ion Ratio Lower Upper
43 100
58 161.6 30.9 46.3#

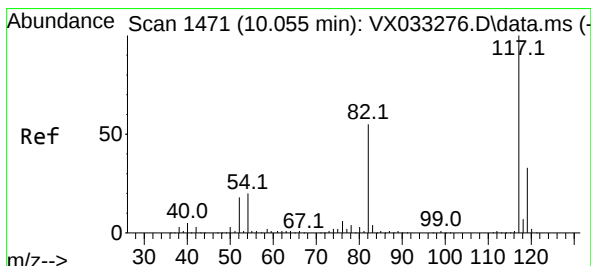
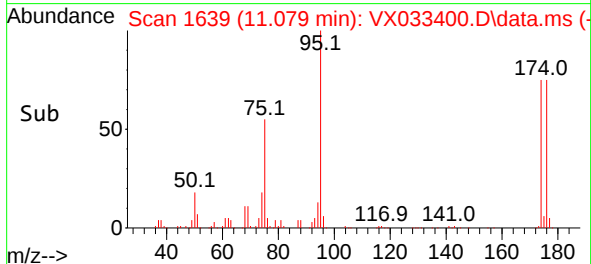
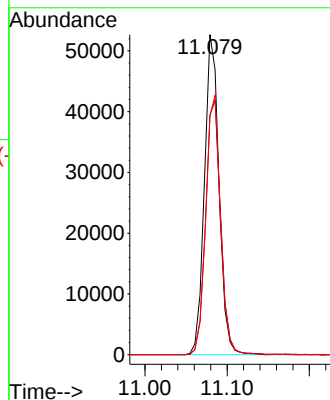
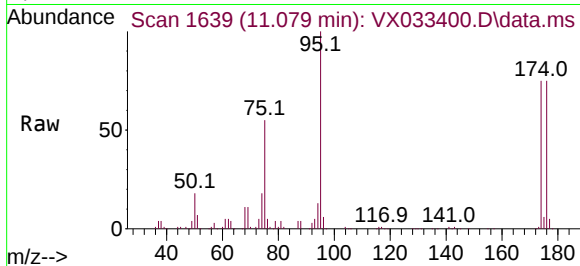




#62
4-Bromofluorobenzene
Concen: 45.878 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033400.D
Acq: 13 Dec 2022 18:12

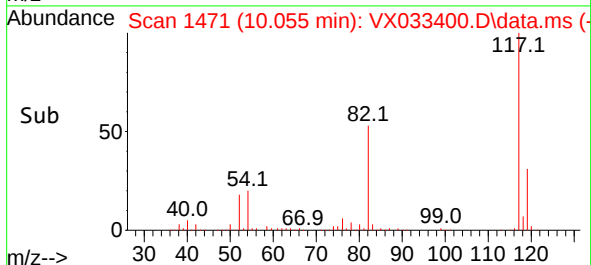
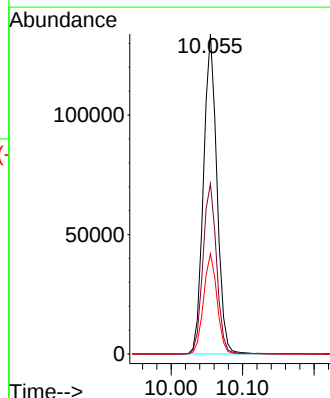
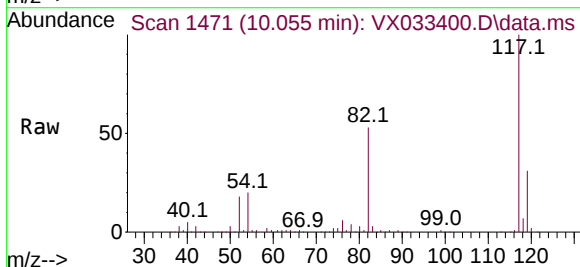
Instrument :
MSVOA_X
ClientSampleId :
MW-14

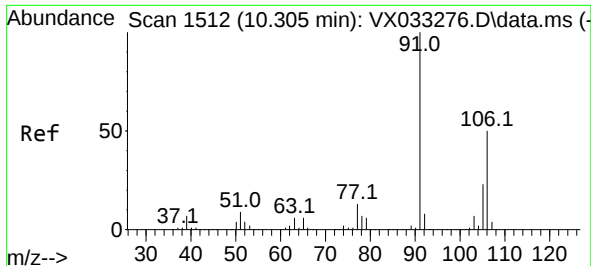
Tgt Ion: 95 Resp: 64741
Ion Ratio Lower Upper
95 100
174 82.3 0.0 164.0
176 81.9 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033400.D
Acq: 13 Dec 2022 18:12

Tgt Ion: 117 Resp: 175070
Ion Ratio Lower Upper
117 100
82 53.2 44.3 66.5
119 31.3 25.7 38.5

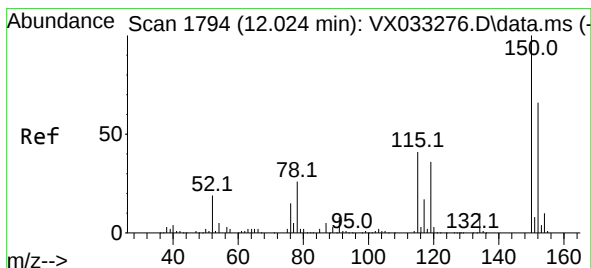
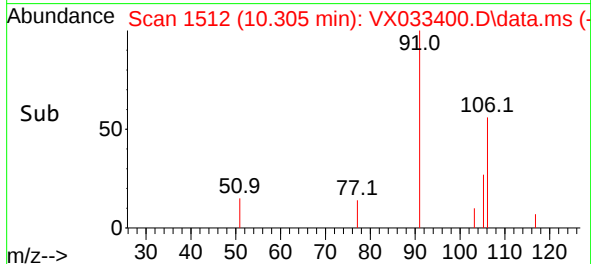
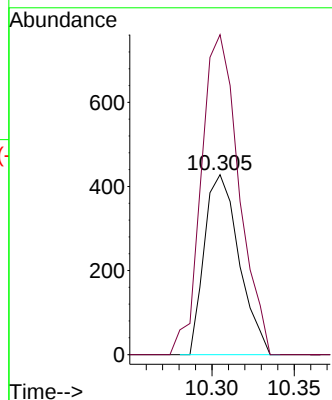
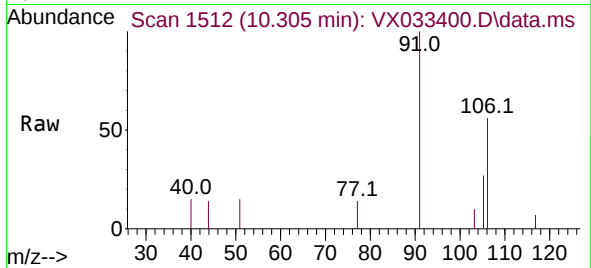




#68
m/p-Xylenes
Concen: 0.261 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033400.D
Acq: 13 Dec 2022 18:12

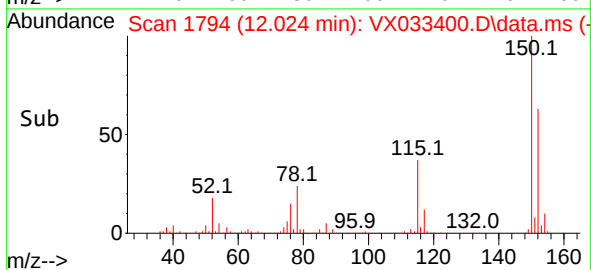
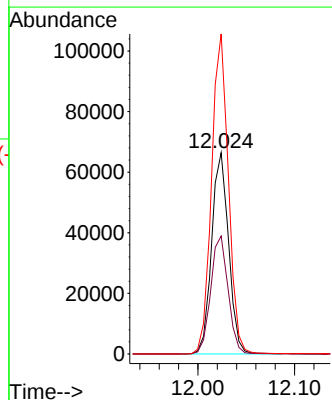
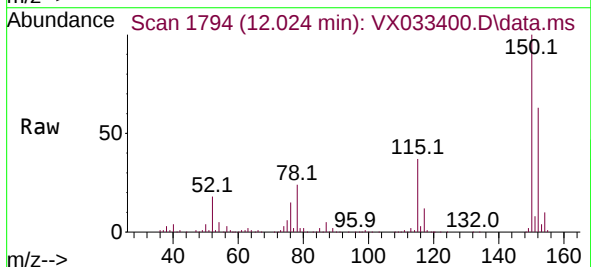
Instrument :
MSVOA_X
ClientSampleId :
MW-14

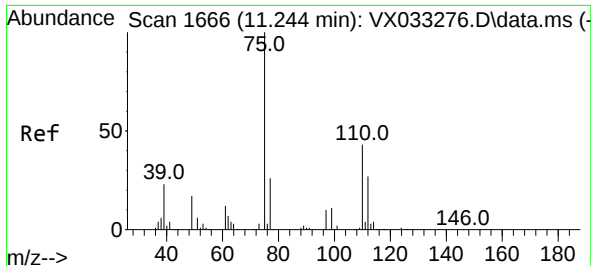
Tgt Ion:106 Resp: 626
Ion Ratio Lower Upper
106 100
91 193.6 164.5 246.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033400.D
Acq: 13 Dec 2022 18:12

Tgt Ion:152 Resp: 81139
Ion Ratio Lower Upper
152 100
115 60.0 44.0 132.0
150 157.6 0.0 351.8

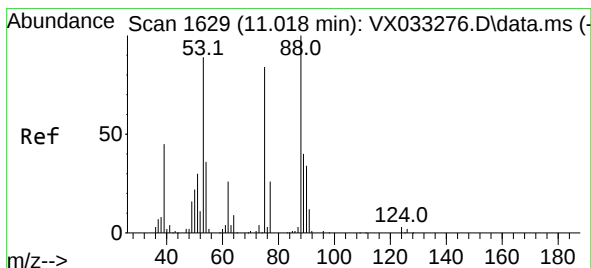
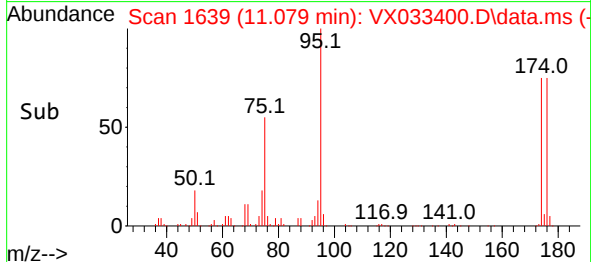
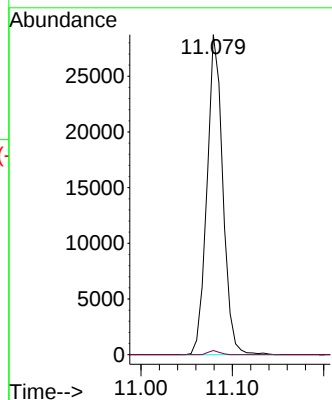
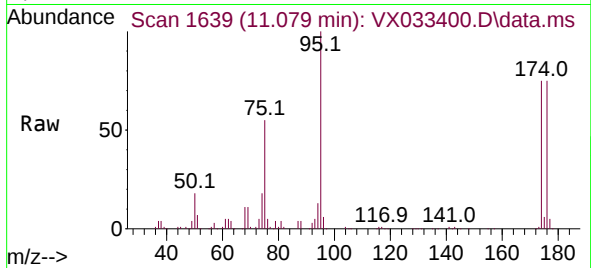




#76
1,2,3-Trichloropropane
Concen: 20.885 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX033400.D
Acq: 13 Dec 2022 18:12

Instrument :
MSVOA_X
ClientSampleId :
MW-14

Tgt Ion: 75 Resp: 34476
Ion Ratio Lower Upper
75 100
77 0.9 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.965 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033400.D
Acq: 13 Dec 2022 18:12

Tgt Ion: 75 Resp: 34476
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

