

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112322\
 Data File : VX033023.D
 Acq On : 23 Nov 2022 16:34
 Operator : JC/MD
 Sample : N5741-06RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-24

Quant Time: Nov 24 04:06:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

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

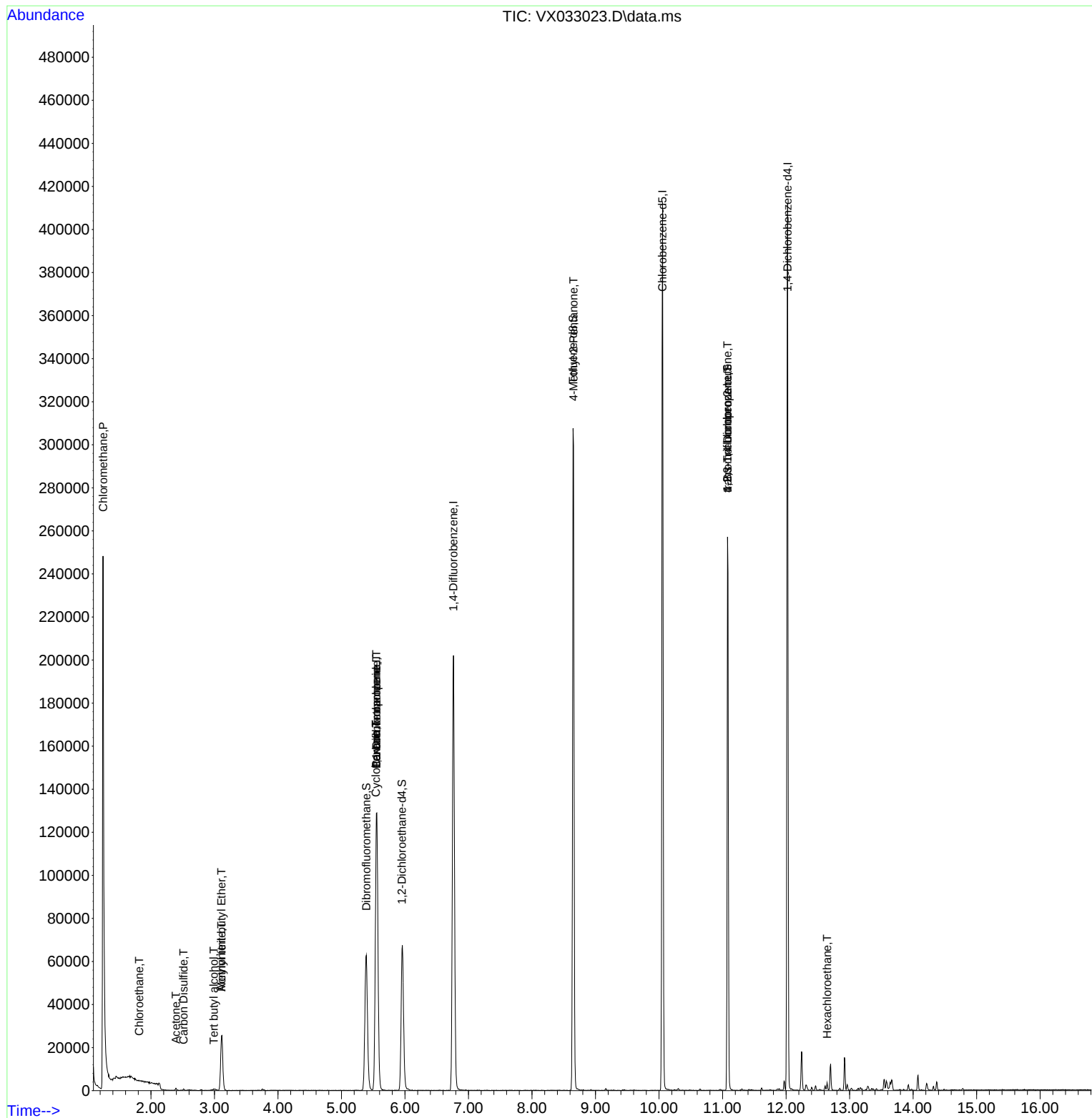
Internal Standards						
1) Pentafluorobenzene	5.550	168	122811	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	200304	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	181596	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	84159	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	68220	57.305	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 114.620%	
35) Dibromofluoromethane	5.391	113	53968	47.791	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 95.580%	
50) Toluene-d8	8.647	98	184932	54.629	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 109.260%	
62) 4-Bromofluorobenzene	11.079	95	65518	44.168	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 88.340%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.246	50	6021	5.944	ug/l #	43
6) Chloroethane	1.813	64	683	0.744	ug/l #	42
11) Tert butyl alcohol	2.989	59	770	4.061	ug/l #	72
15) Acrylonitrile	3.111	53	313	0.584	ug/l #	12
16) Acetone	2.392	43	989	1.771	ug/l #	83
17) Carbon Disulfide	2.514	76	718	0.242	ug/l #	74
19) Methyl tert-butyl Ether	3.111	73	27496	7.398	ug/l	97
20) Methylene Chloride	2.800	84	101	Below Cal	#	65
31) Cyclohexane	5.544	56	2734	1.411	ug/l #	28
36) 1,1-Dichloropropene	5.550	75	9606	5.320	ug/l #	50
38) Carbon Tetrachloride	5.550	117	13111	6.546	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	843	0.524	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	35926	22.541	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	35926	73.267	ug/l #	6
90) Hexachloroethane	12.646	117	1406	1.679	ug/l #	12

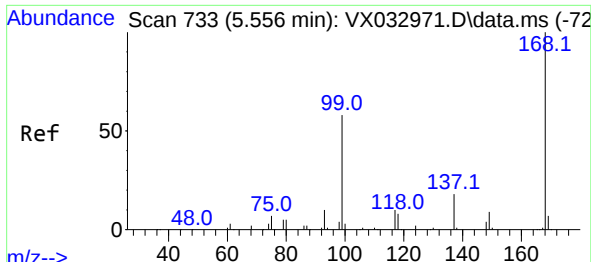
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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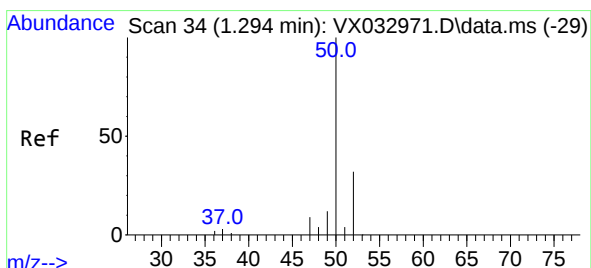
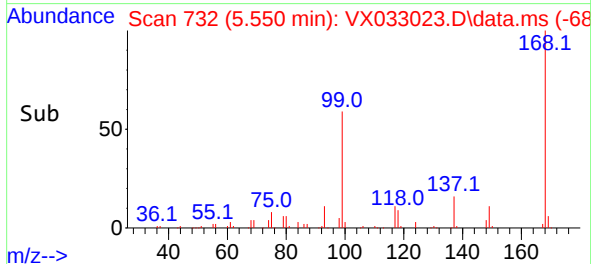
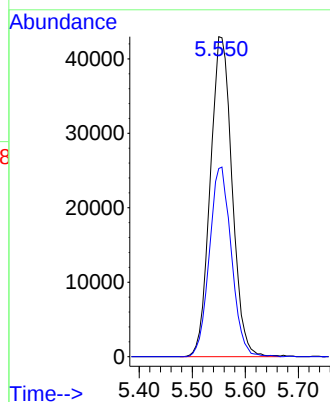
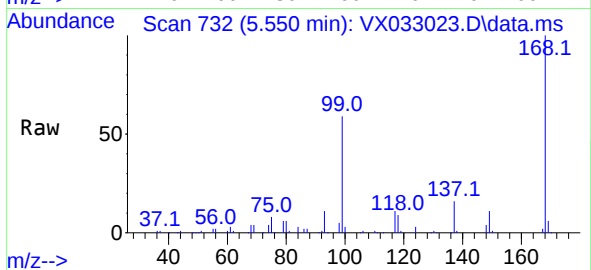




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX033023.D
Acq: 23 Nov 2022 16:34

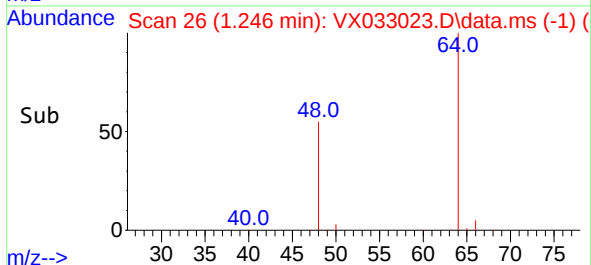
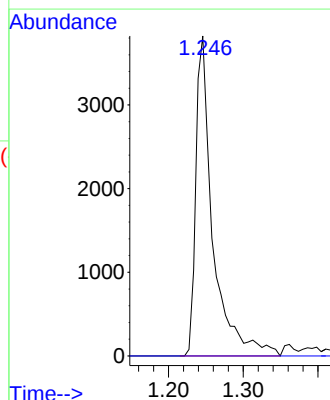
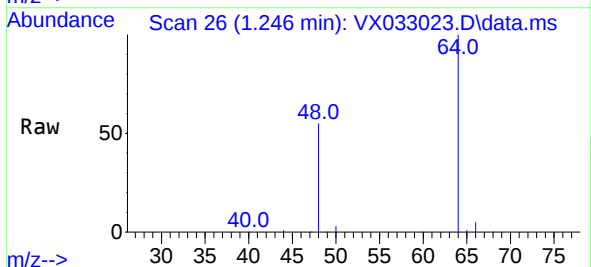
Instrument :
MSVOA_X
ClientSampleId :
MW-24

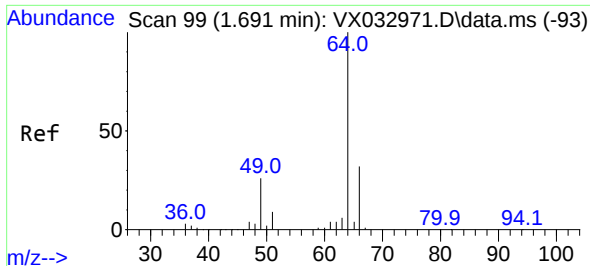
Tgt Ion:168 Resp: 122811
Ion Ratio Lower Upper
168 100
99 58.8 46.1 69.1



#3
Chloromethane
Concen: 5.944 ug/l
RT: 1.246 min Scan# 26
Delta R.T. -0.048 min
Lab File: VX033023.D
Acq: 23 Nov 2022 16:34

Tgt Ion: 50 Resp: 6021
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#

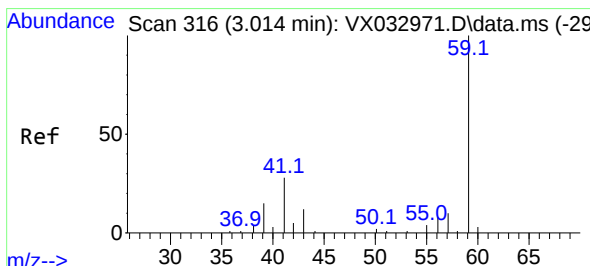
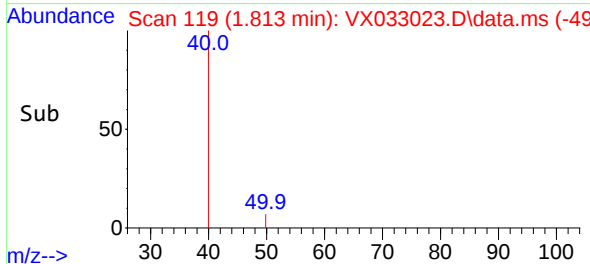
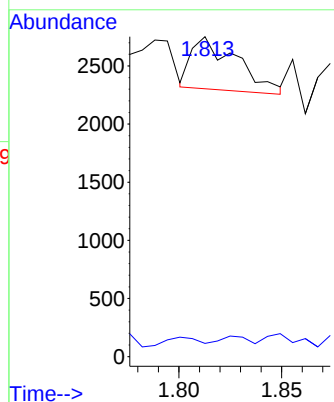
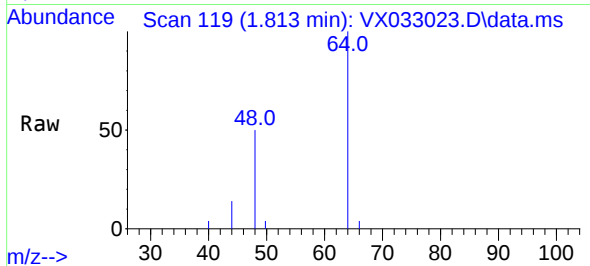




#6
Chloroethane
Concen: 0.744 ug/l
RT: 1.813 min Scan# 119
Delta R.T. 0.128 min
Lab File: VX033023.D
Acq: 23 Nov 2022 16:34

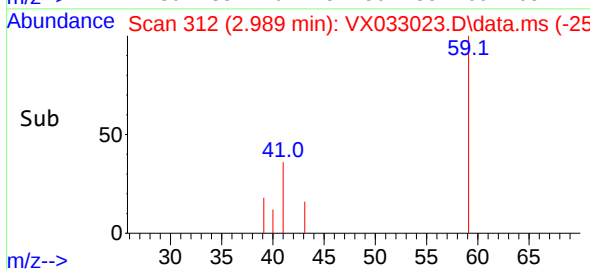
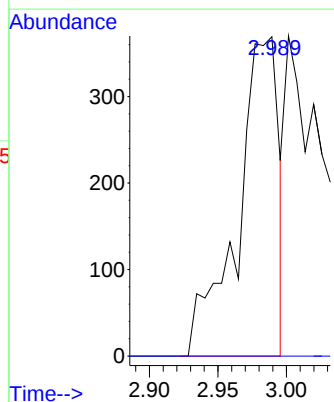
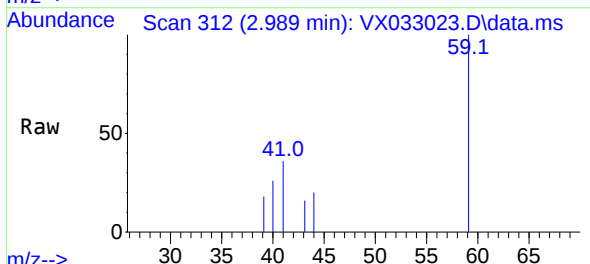
Instrument :
MSVOA_X
ClientSampleId :
MW-24

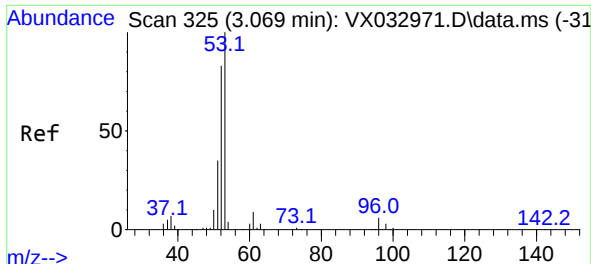
Tgt Ion: 64 Resp: 683
Ion Ratio Lower Upper
64 100
66 0.0 26.0 39.0#



#11
Tert butyl alcohol
Concen: 4.061 ug/l
RT: 2.989 min Scan# 312
Delta R.T. 0.024 min
Lab File: VX033023.D
Acq: 23 Nov 2022 16:34

Tgt Ion: 59 Resp: 770
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

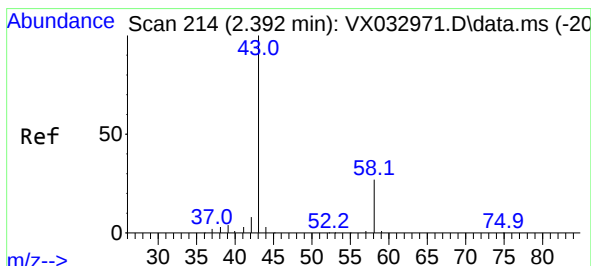
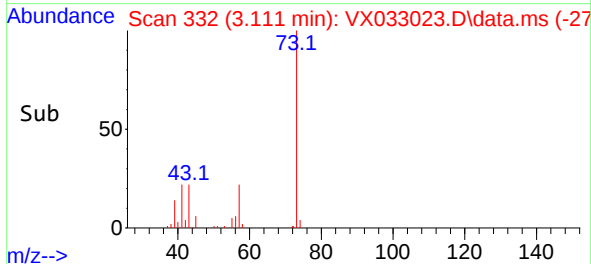
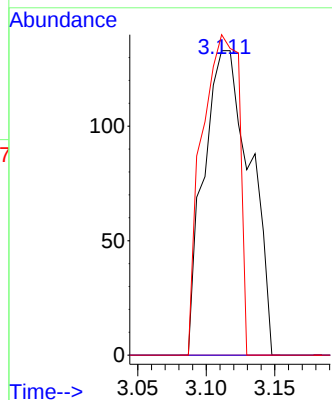
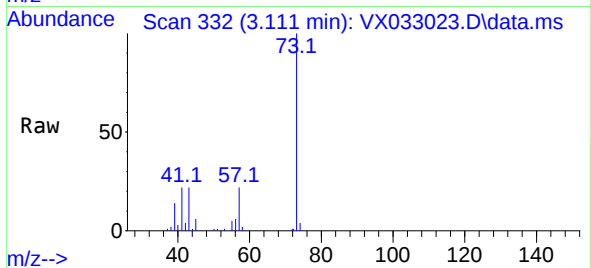




#15
Acrylonitrile
Concen: 0.584 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.049 min
Lab File: VX033023.D
Acq: 23 Nov 2022 16:34

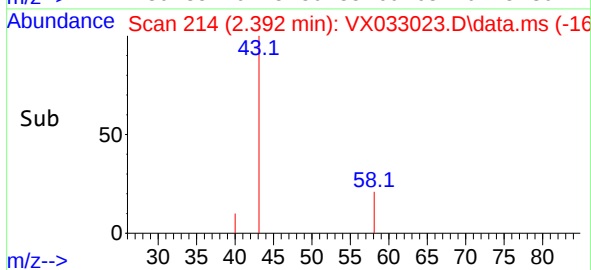
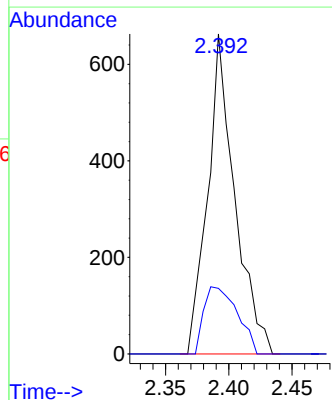
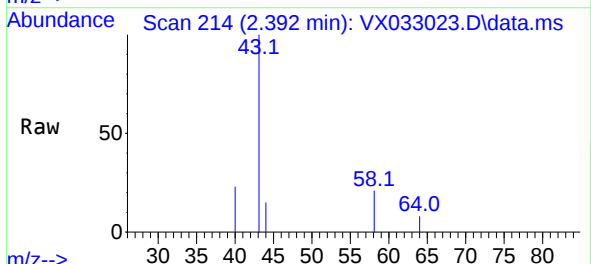
Instrument :
MSVOA_X
ClientSampleId :
MW-24

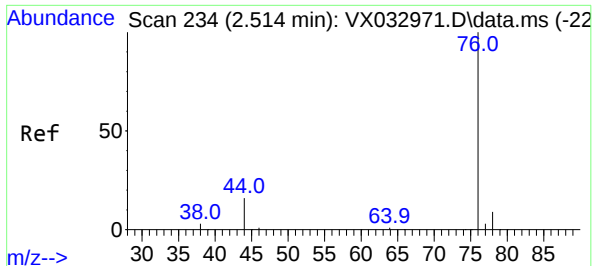
Tgt Ion: 53 Resp: 313
Ion Ratio Lower Upper
53 100
52 0.0 67.4 101.0#
51 84.3 30.3 45.5#



#16
Acetone
Concen: 1.771 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX033023.D
Acq: 23 Nov 2022 16:34

Tgt Ion: 43 Resp: 989
Ion Ratio Lower Upper
43 100
58 20.5 23.8 35.8#

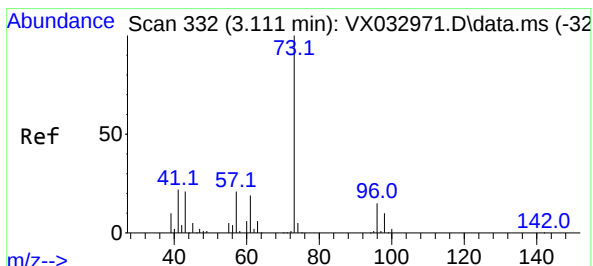
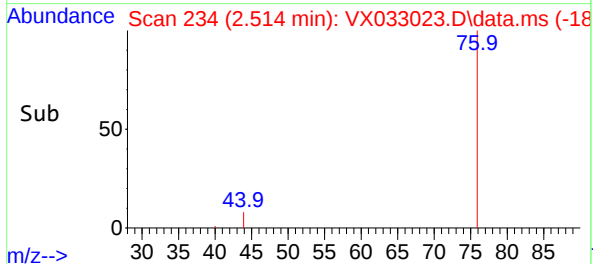
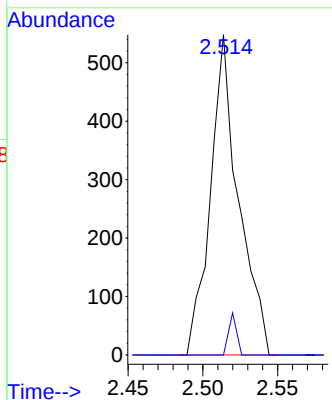
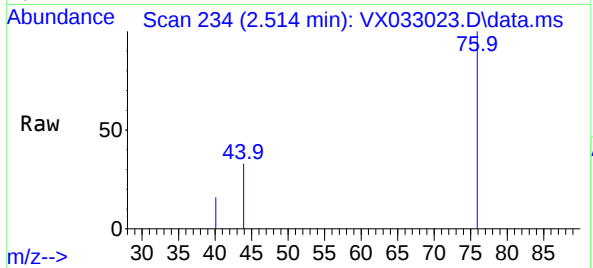




#17
Carbon Disulfide
Concen: 0.242 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX033023.D
Acq: 23 Nov 2022 16:34

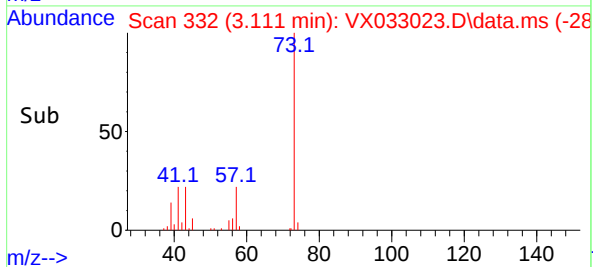
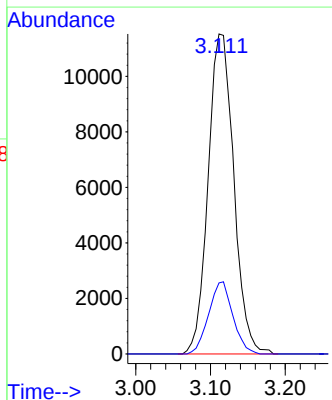
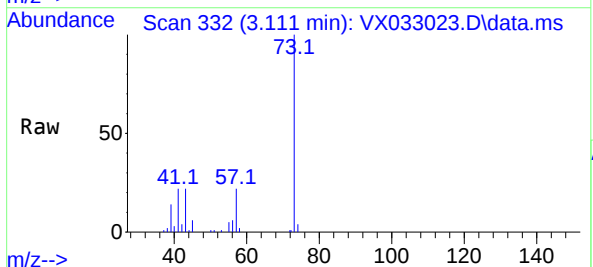
Instrument :
MSVOA_X
ClientSampleId :
MW-24

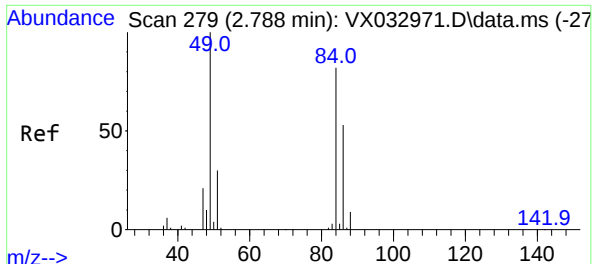
Tgt Ion: 76 Resp: 718
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



#19
Methyl tert-butyl Ether
Concen: 7.398 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX033023.D
Acq: 23 Nov 2022 16:34

Tgt Ion: 73 Resp: 27496
Ion Ratio Lower Upper
73 100
57 22.2 16.6 25.0



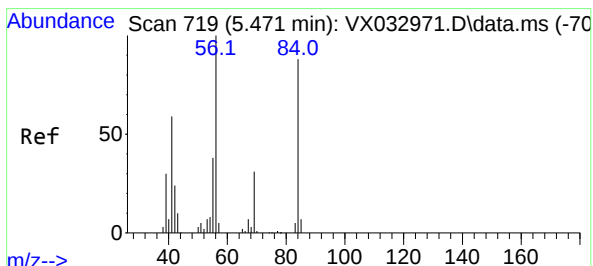
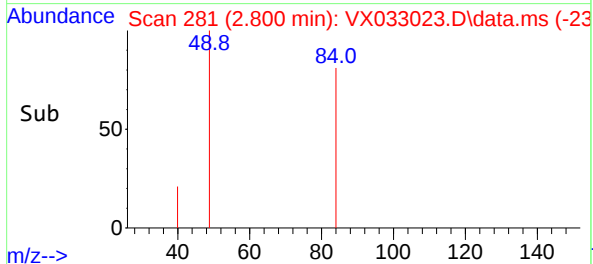
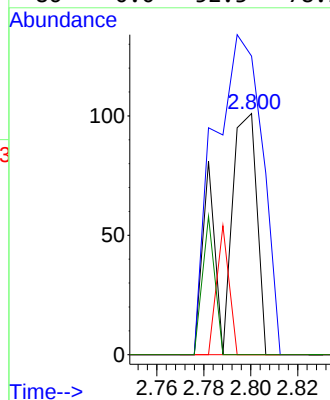
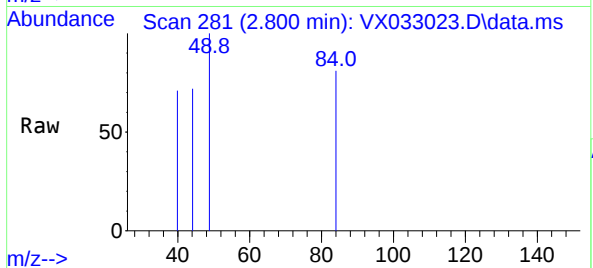


#20
Methylene Chloride
Concen: Below Cal
RT: 2.800 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX033023.D
Acq: 23 Nov 2022 16:34

Instrument :
MSVOA_X
ClientSampleId :
MW-24

Tgt Ion: 84 Resp: 101

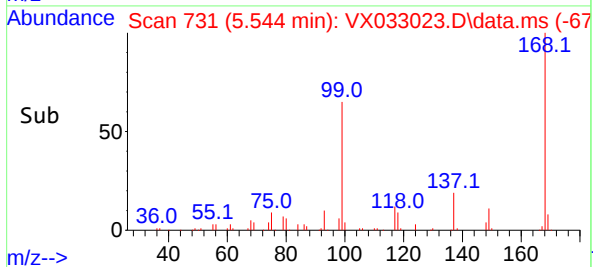
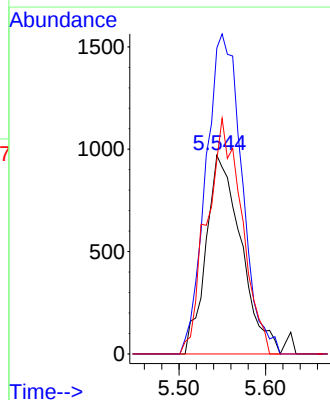
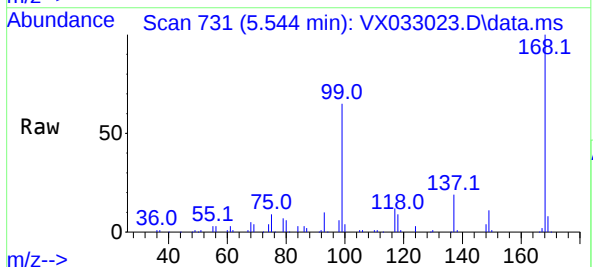
Ion	Ratio	Lower	Upper
84	100		
49	123.8	101.0	151.6
51	0.0	31.1	46.7#
86	0.0	52.3	78.5#

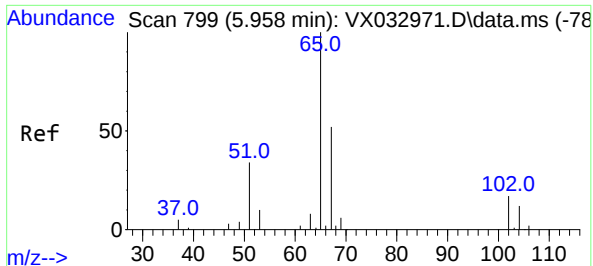


#31
Cyclohexane
Concen: 1.411 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.074 min
Lab File: VX033023.D
Acq: 23 Nov 2022 16:34

Tgt Ion: 56 Resp: 2734

Ion	Ratio	Lower	Upper
56	100		
69	154.0	24.1	36.1#
84	97.7	66.9	100.3





#33

1,2-Dichloroethane-d4

Concen: 57.305 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX033023.D

Acq: 23 Nov 2022 16:34

Instrument :

MSVOA_X

ClientSampleId :

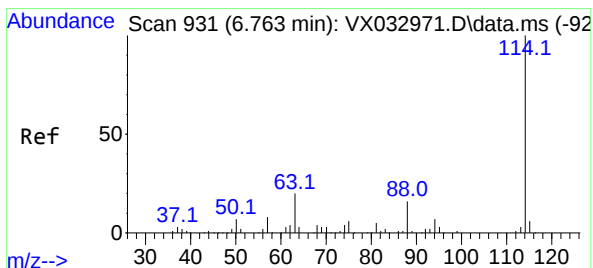
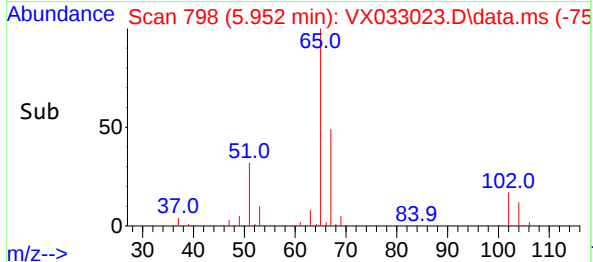
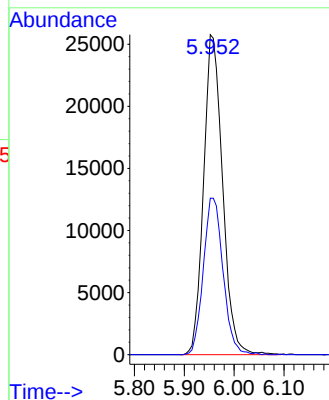
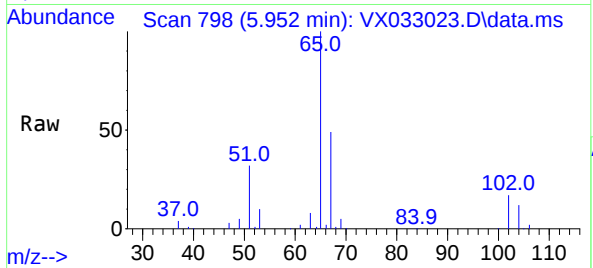
MW-24

Tgt Ion: 65 Resp: 68220

Ion Ratio Lower Upper

65 100

67 50.6 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: VX033023.D

Acq: 23 Nov 2022 16:34

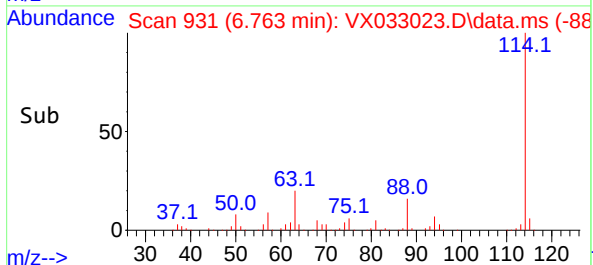
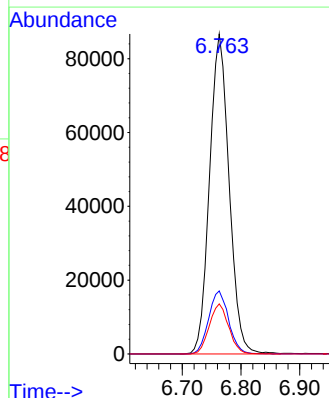
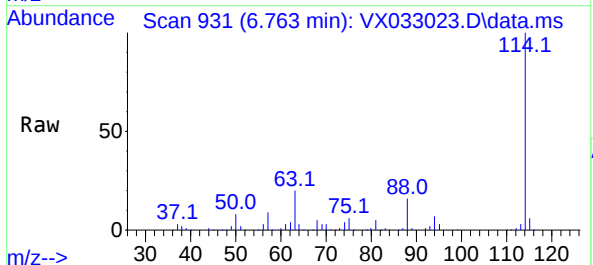
Tgt Ion: 114 Resp: 200304

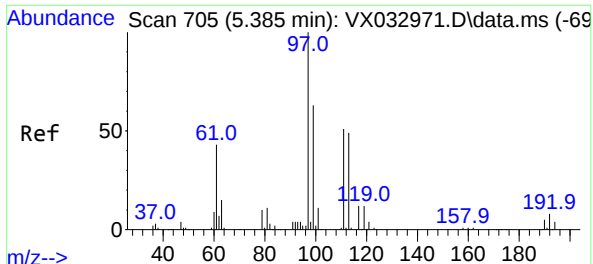
Ion Ratio Lower Upper

114 100

63 19.7 0.0 41.6

88 15.7 0.0 33.4





#35

Dibromofluoromethane

Concen: 47.791 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX033023.D

Acq: 23 Nov 2022 16:34

Instrument :

MSVOA_X

ClientSampleId :

MW-24

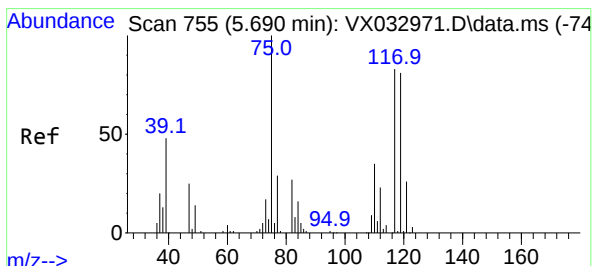
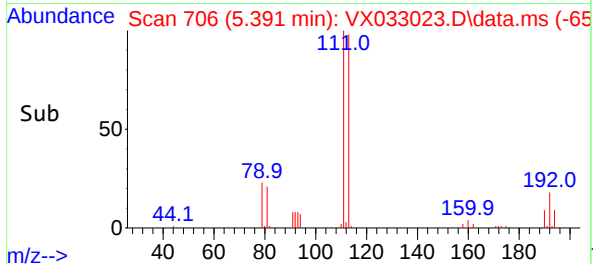
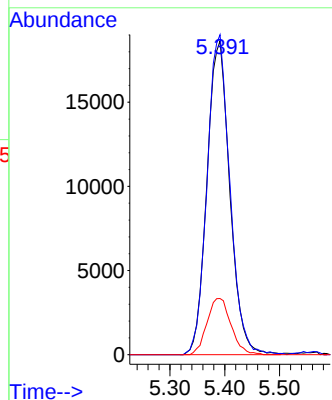
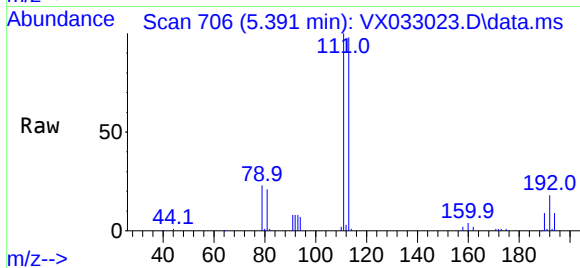
Tgt Ion:113 Resp: 53968

Ion Ratio Lower Upper

113 100

111 101.6 82.4 123.6

192 18.8 15.4 23.2



#36

1,1-Dichloropropene

Concen: 5.320 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX033023.D

Acq: 23 Nov 2022 16:34

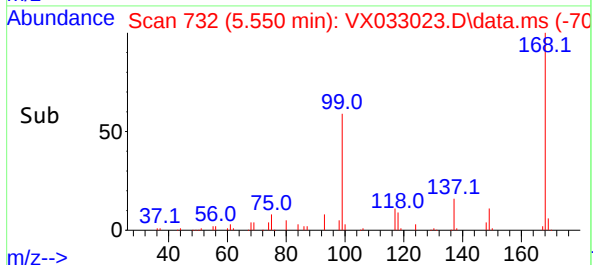
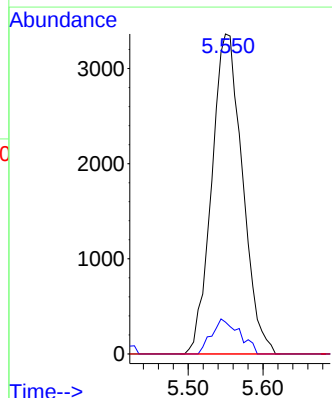
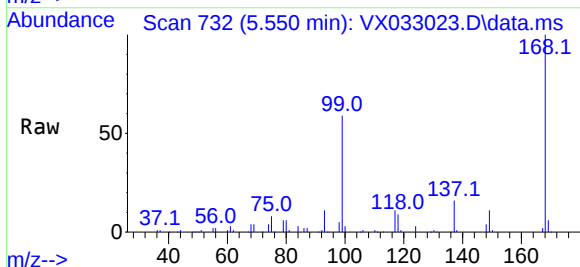
Tgt Ion: 75 Resp: 9606

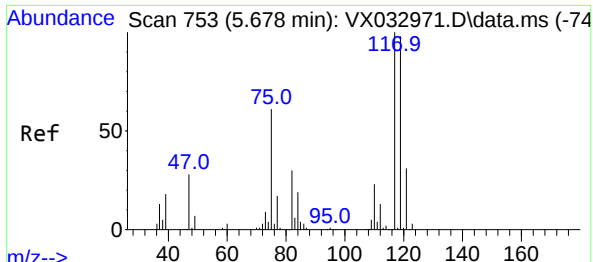
Ion Ratio Lower Upper

75 100

110 9.9 18.4 55.2#

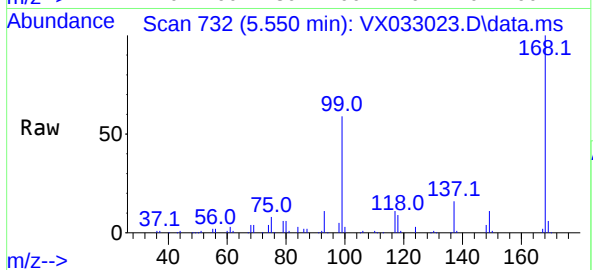
77 0.0 24.5 36.7#



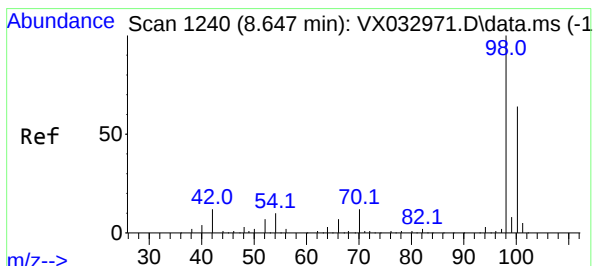
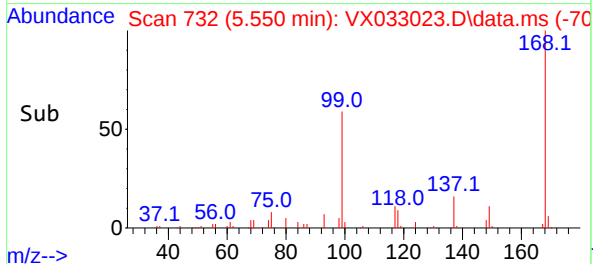
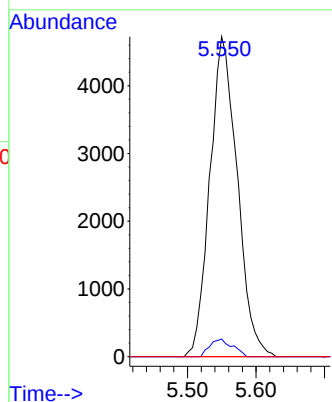


#38
Carbon Tetrachloride
Concen: 6.546 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX033023.D
Acq: 23 Nov 2022 16:34

Instrument :
MSVOA_X
ClientSampleId :
MW-24

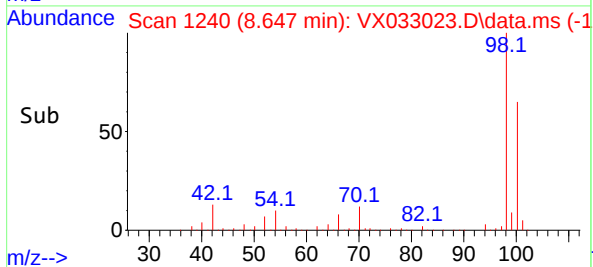
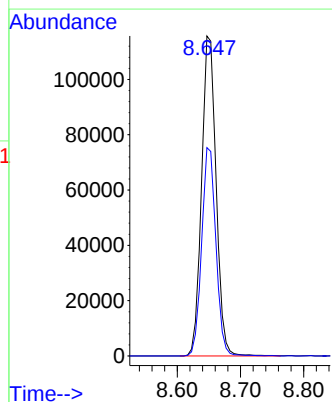
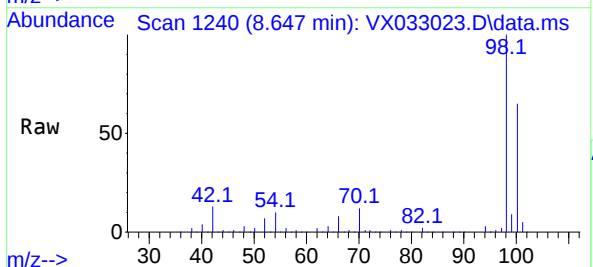


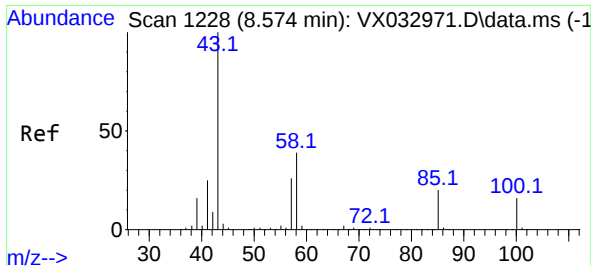
Tgt Ion:117 Resp: 13111
Ion Ratio Lower Upper
117 100
119 5.5 77.2 115.8#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 54.629 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX033023.D
Acq: 23 Nov 2022 16:34

Tgt Ion: 98 Resp: 184932
Ion Ratio Lower Upper
98 100
100 63.9 50.9 76.3

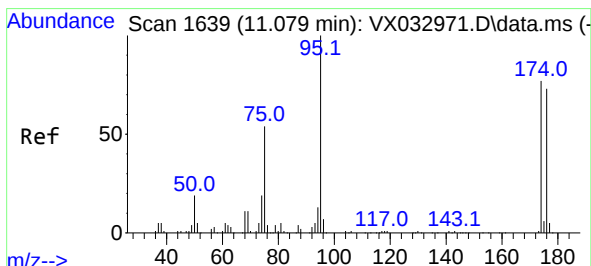
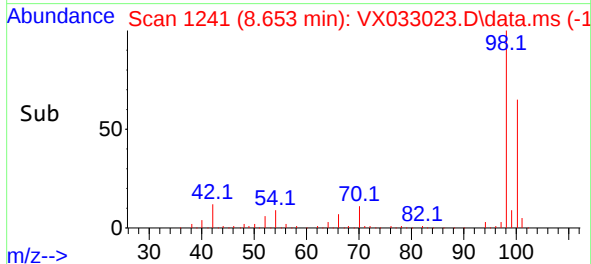
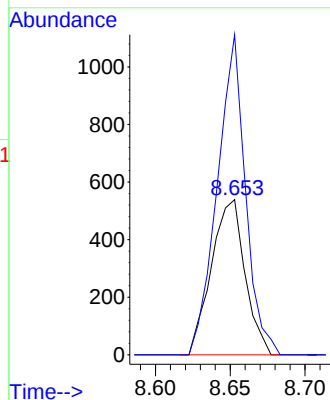
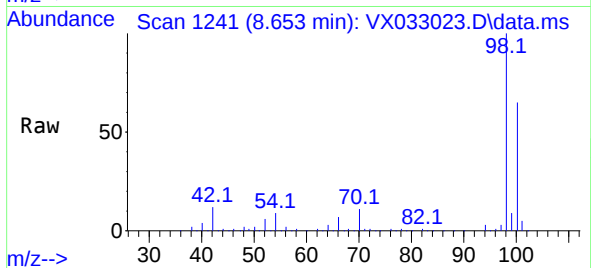




#51
4-Methyl-2-Pentanone
Concen: 0.524 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.079 min
Lab File: VX033023.D
Acq: 23 Nov 2022 16:34

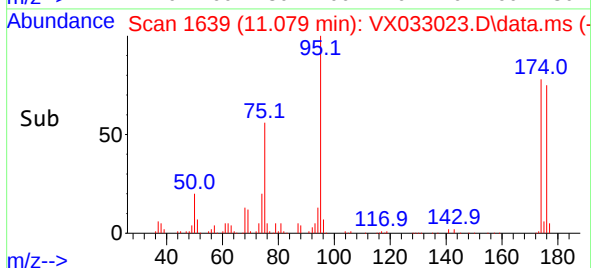
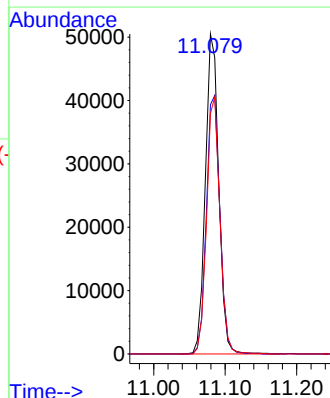
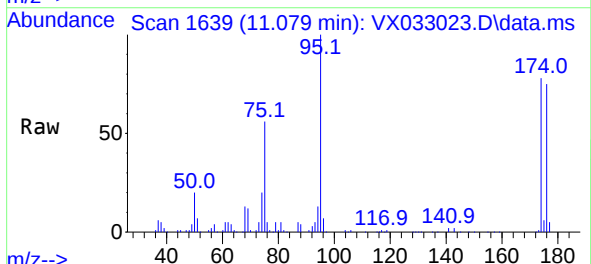
Instrument :
MSVOA_X
ClientSampleId :
MW-24

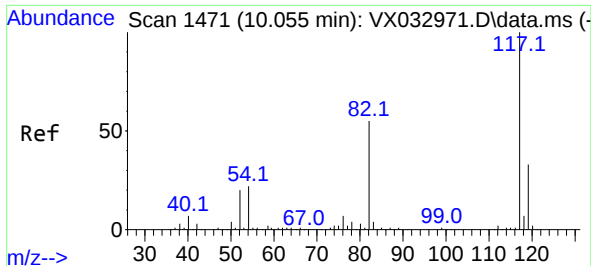
Tgt Ion: 43 Resp: 843
Ion Ratio Lower Upper
43 100
58 173.0 30.9 46.3#



#62
4-Bromofluorobenzene
Concen: 44.168 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033023.D
Acq: 23 Nov 2022 16:34

Tgt Ion: 95 Resp: 65518
Ion Ratio Lower Upper
95 100
174 82.2 0.0 164.0
176 79.9 0.0 154.4

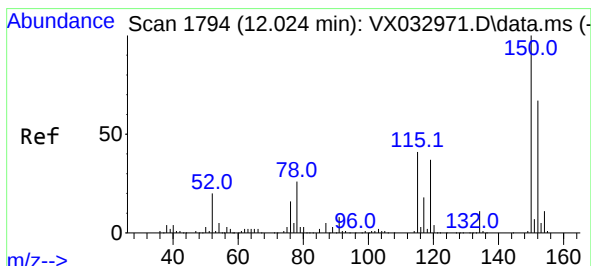
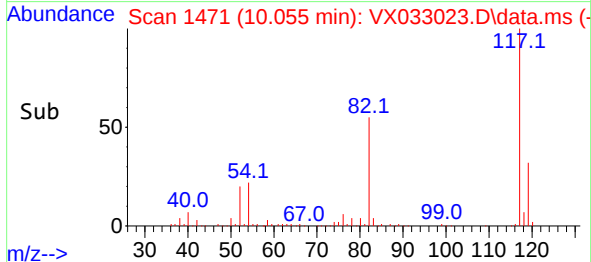
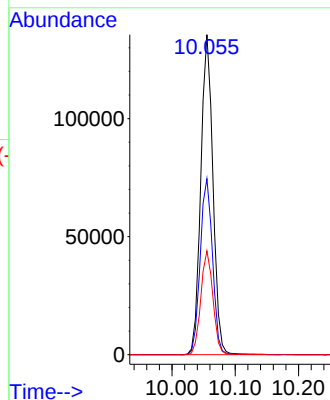
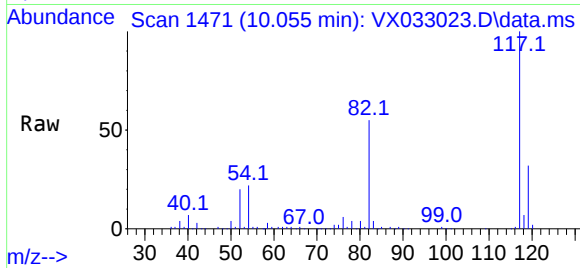




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033023.D
Acq: 23 Nov 2022 16:34

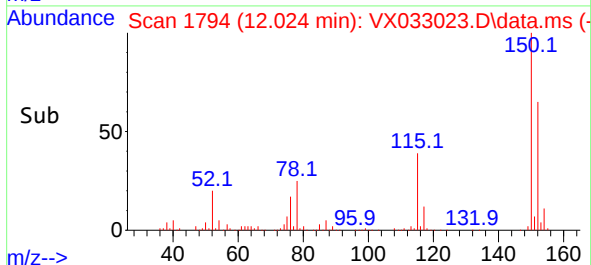
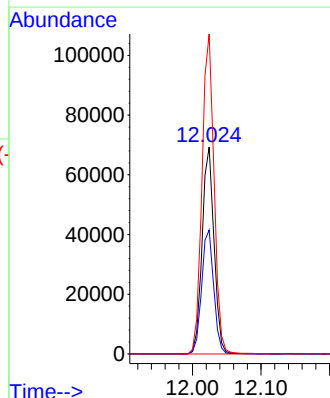
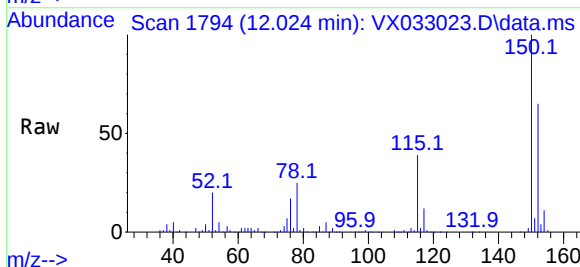
Instrument :
MSVOA_X
ClientSampleId :
MW-24

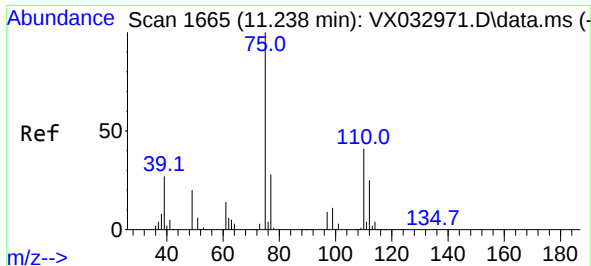
Tgt Ion:117 Resp: 181596
Ion Ratio Lower Upper
117 100
82 55.0 44.3 66.5
119 32.5 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033023.D
Acq: 23 Nov 2022 16:34

Tgt Ion:152 Resp: 84159
Ion Ratio Lower Upper
152 100
115 60.8 44.0 132.0
150 156.6 0.0 351.8

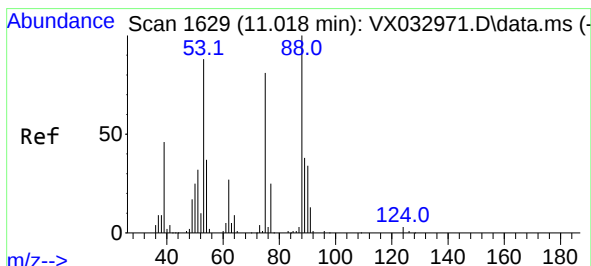
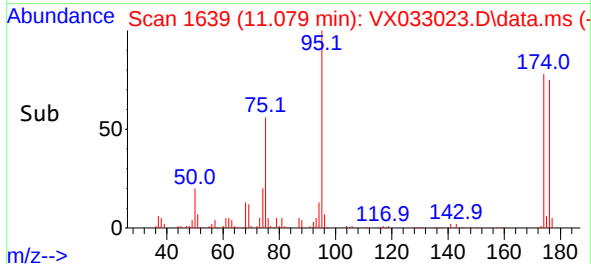
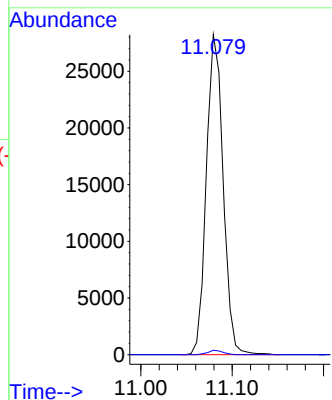
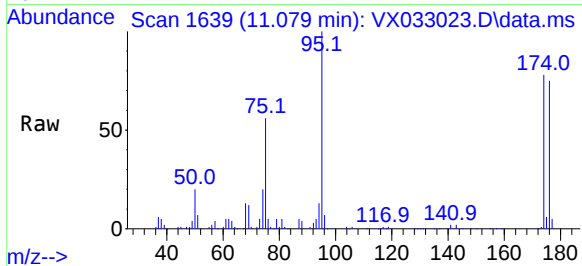




#76
1,2,3-Trichloropropane
Concen: 22.541 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX033023.D
Acq: 23 Nov 2022 16:34

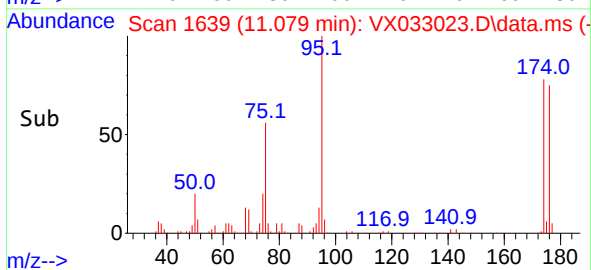
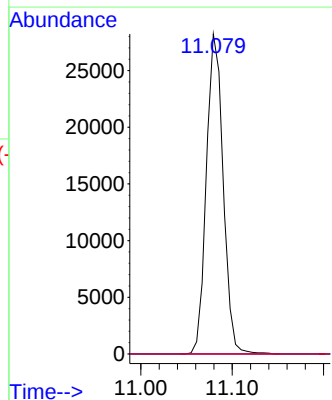
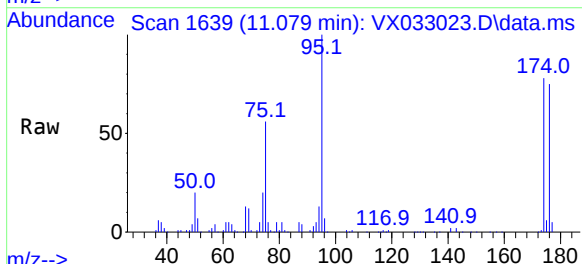
Instrument :
MSVOA_X
ClientSampleId :
MW-24

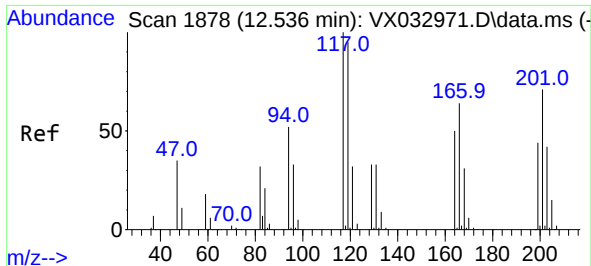
Tgt Ion: 75 Resp: 35926
Ion Ratio Lower Upper
75 100
77 1.2 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.267 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033023.D
Acq: 23 Nov 2022 16:34

Tgt Ion: 75 Resp: 35926
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#





#90

Hexachloroethane

Concen: 1.679 ug/l

RT: 12.646 min Scan# 11

Delta R.T. 0.104 min

Lab File: VX033023.D

Acq: 23 Nov 2022 16:34

Instrument :

MSVOA_X

ClientSampleId :

MW-24

Tgt Ion:117 Resp: 1406

Ion Ratio Lower Upper

117 100

201 0.0 37.6 112.9#

