

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100722\
 Data File : VX031971.D
 Acq On : 07 Oct 2022 18:41
 Operator : JC/MD
 Sample : N4883-01DL 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-133DL

Quant Time: Oct 08 05:16:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 14:28:46 2022
 Response via : Initial Calibration

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

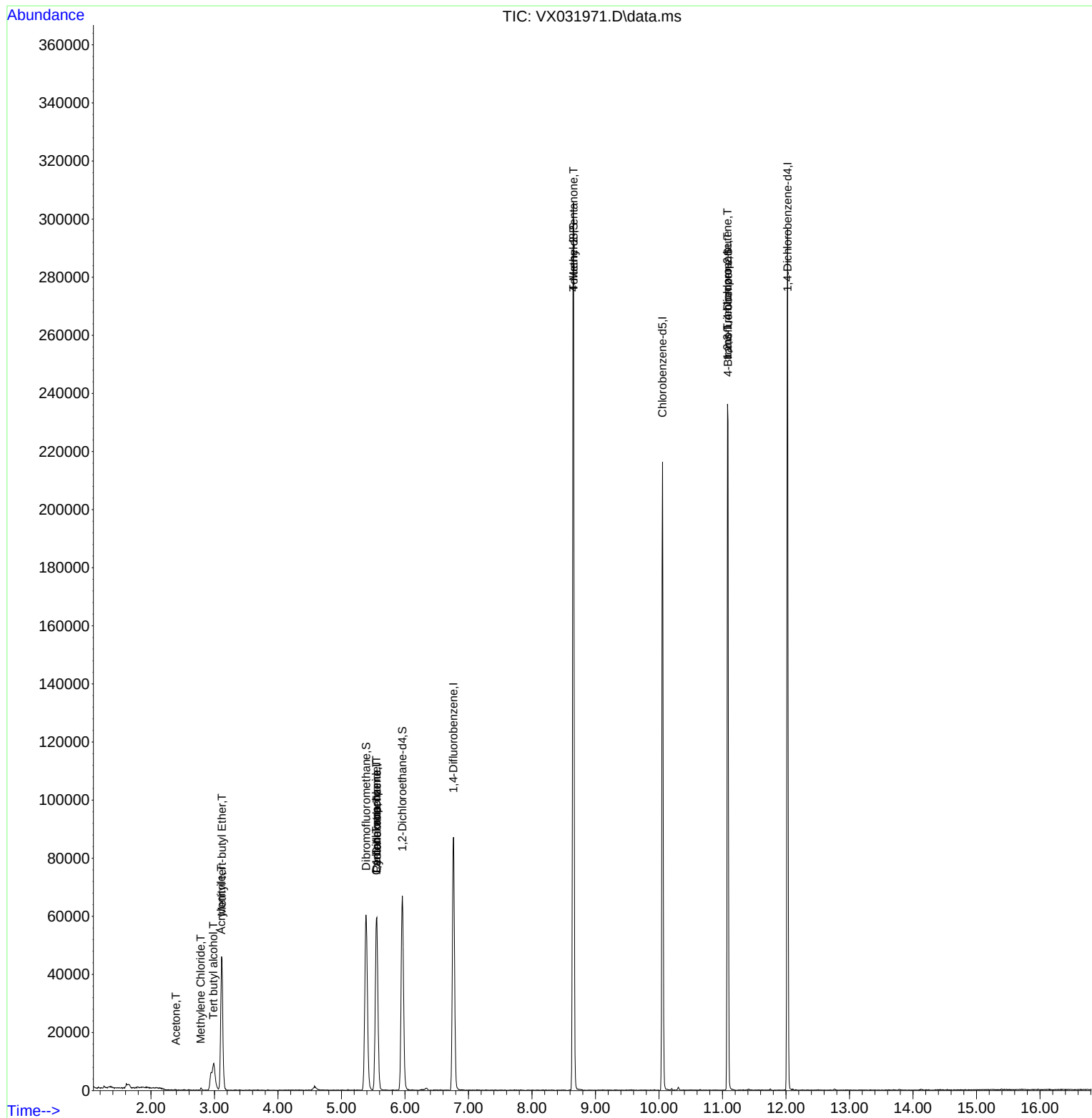
Internal Standards						
1) Pentafluorobenzene	5.556	168	57376	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	92185	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	96767	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	59477	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	63007	53.173	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.340%	
35) Dibromofluoromethane	5.385	113	52418	50.234	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.460%	
50) Toluene-d8	8.653	98	184740	49.201	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.400%	
62) 4-Bromofluorobenzene	11.085	95	63351	47.725	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 95.440%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.612	94	374	Below Cal	#	43
11) Tert butyl alcohol	2.983	59	16126	109.384	ug/l	97
15) Acrylonitrile	3.105	53	684	1.455	ug/l #	13
16) Acetone	2.392	43	160	0.397	ug/l #	45
19) Methyl tert-butyl Ether	3.117	73	50041	17.063	ug/l	95
20) Methylene Chloride	2.782	84	380	0.359	ug/l #	71
31) Cyclohexane	5.556	56	1332	0.941	ug/l #	25
36) 1,1-Dichloropropene	5.550	75	4475	3.234	ug/l #	50
38) Carbon Tetrachloride	5.550	117	5925	4.188	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	840	0.641	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	32657	26.790	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	32657	91.827	ug/l #	11

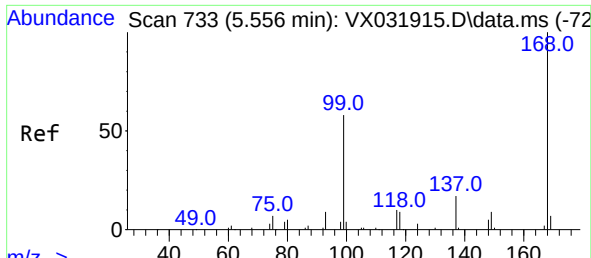
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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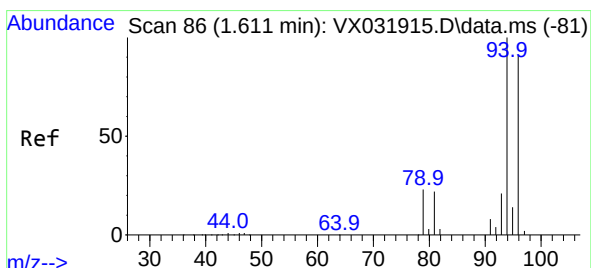
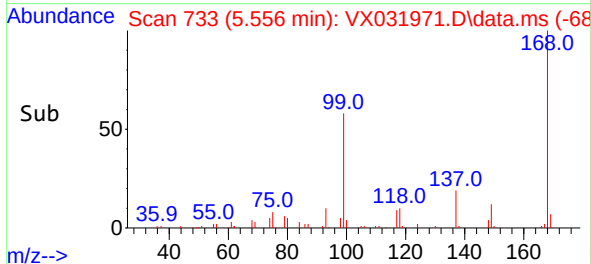
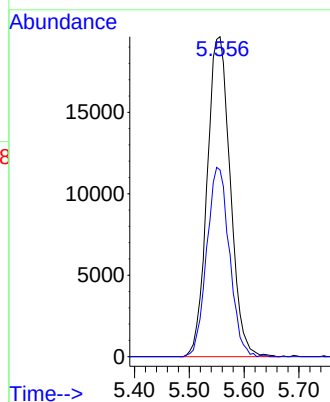
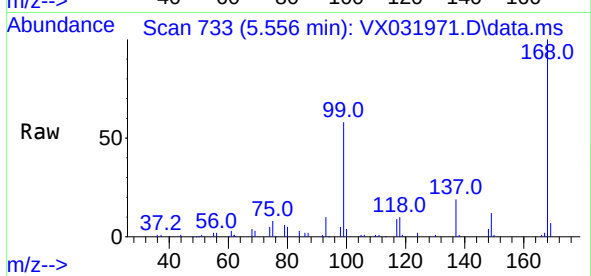




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031971.D
Acq: 07 Oct 2022 18:41

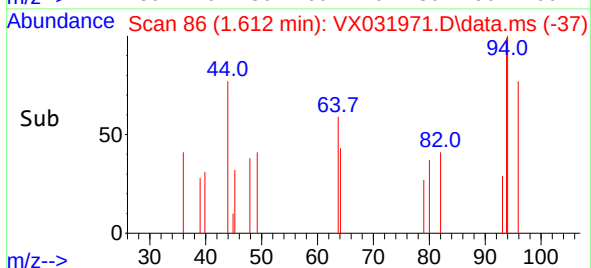
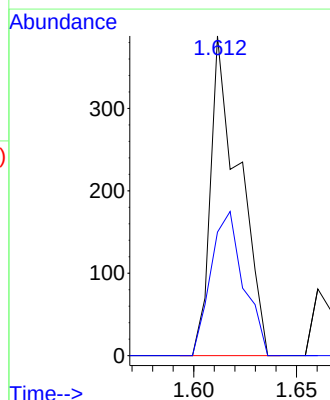
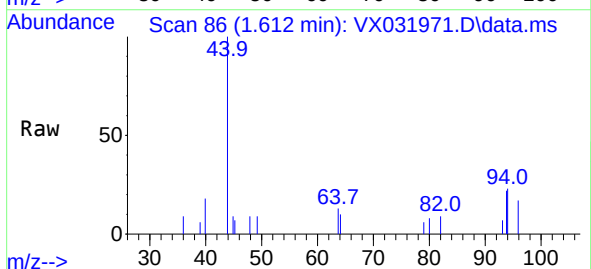
Instrument :
MSVOA_X
ClientSampleId :
MW-133DL

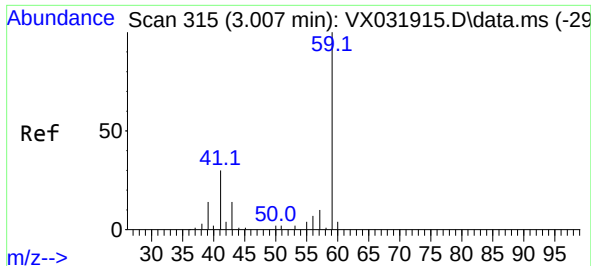
Tgt Ion:168 Resp: 57376
Ion Ratio Lower Upper
168 100
99 58.4 48.8 73.2



#5
Bromomethane
Concen: Below Cal
RT: 1.612 min Scan# 86
Delta R.T. 0.001 min
Lab File: VX031971.D
Acq: 07 Oct 2022 18:41

Tgt Ion: 94 Resp: 374
Ion Ratio Lower Upper
94 100
96 38.7 74.4 111.6#





#11

Tert butyl alcohol

Concen: 109.384 ug/l

RT: 2.983 min Scan# 311

Delta R.T. -0.024 min

Lab File: VX031971.D

Acq: 07 Oct 2022 18:41

Instrument :

MSVOA_X

ClientSampleId :

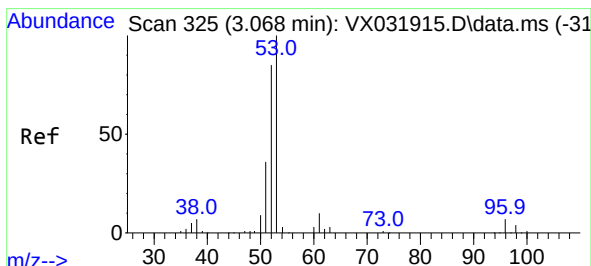
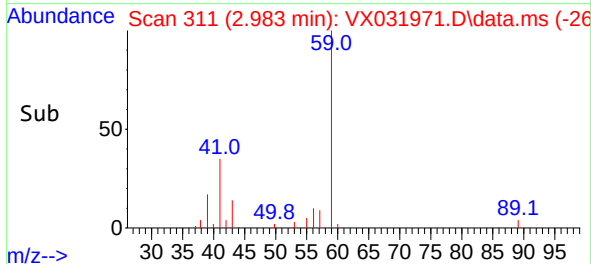
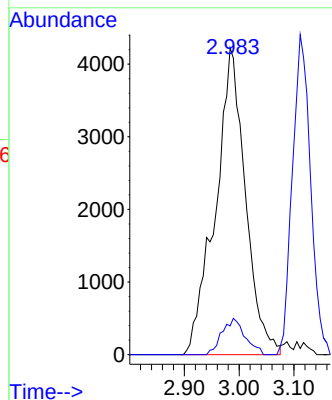
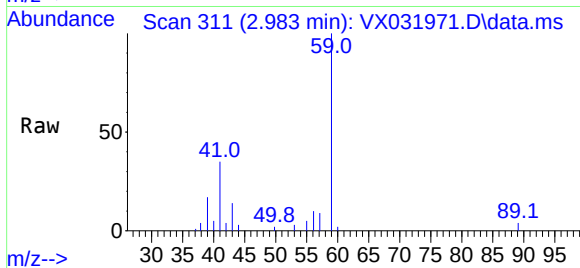
MW-133DL

Tgt Ion: 59 Resp: 16126

Ion Ratio Lower Upper

59 100

57 9.1 8.2 12.2



#15

Acrylonitrile

Concen: 1.455 ug/l

RT: 3.105 min Scan# 331

Delta R.T. 0.037 min

Lab File: VX031971.D

Acq: 07 Oct 2022 18:41

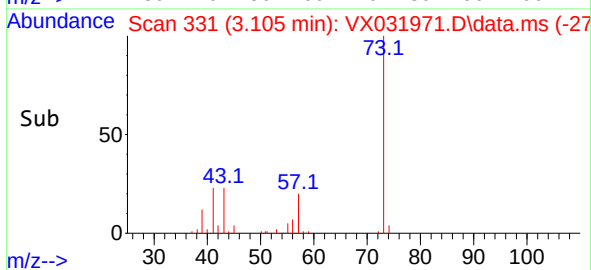
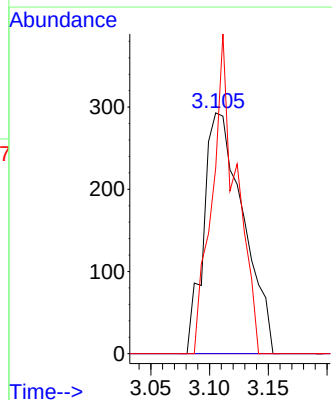
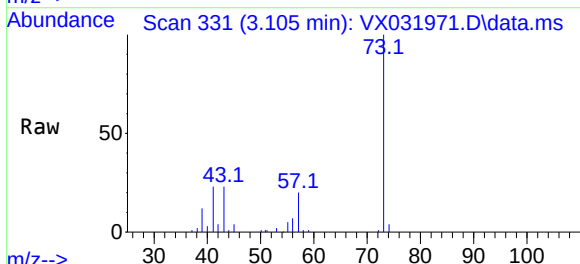
Tgt Ion: 53 Resp: 684

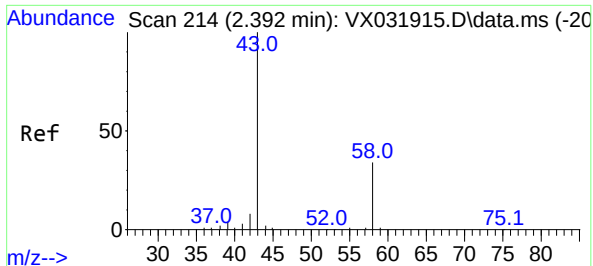
Ion Ratio Lower Upper

53 100

52 0.0 66.9 100.3#

51 82.3 30.0 45.0#

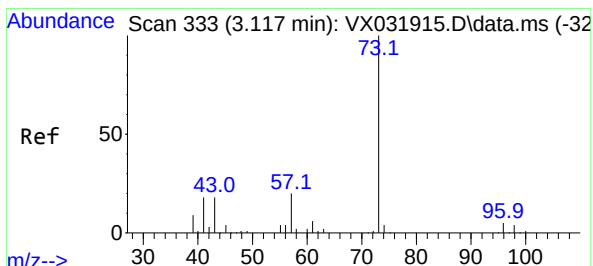
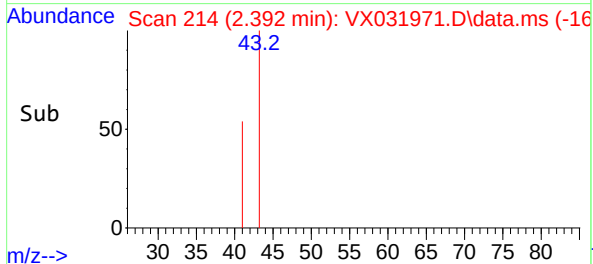
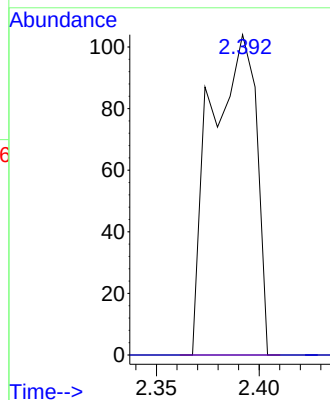
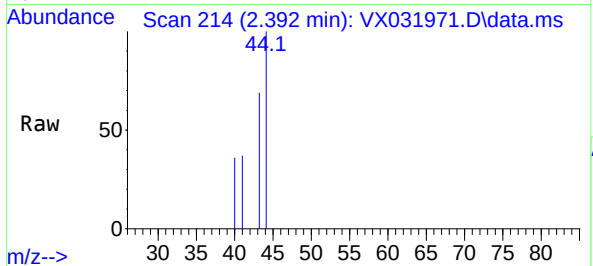




#16
Acetone
Concen: 0.397 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX031971.D
Acq: 07 Oct 2022 18:41

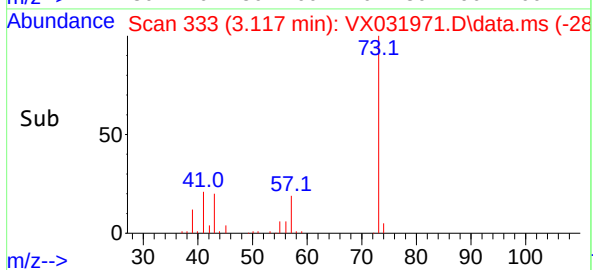
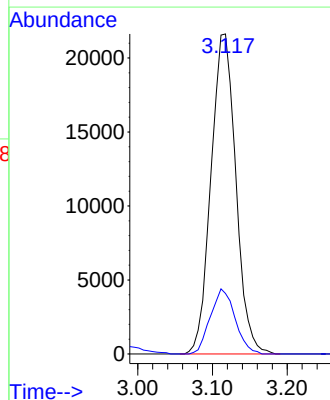
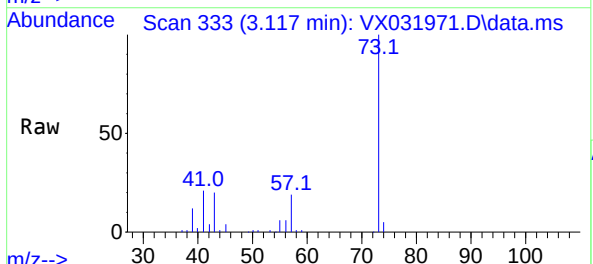
Instrument :
MSVOA_X
ClientSampleId :
MW-133DL

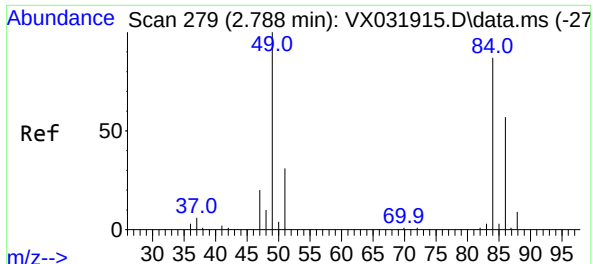
Tgt Ion: 43 Resp: 160
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



#19
Methyl tert-butyl Ether
Concen: 17.063 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX031971.D
Acq: 07 Oct 2022 18:41

Tgt Ion: 73 Resp: 50041
Ion Ratio Lower Upper
73 100
57 18.9 17.2 25.8





#20

Methylene Chloride

Concen: 0.359 ug/l

RT: 2.782 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX031971.D

Acq: 07 Oct 2022 18:41

Instrument :

MSVOA_X

ClientSampleId :

MW-133DL

Tgt Ion: 84 Resp: 380

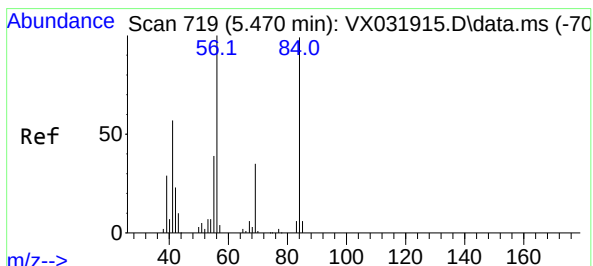
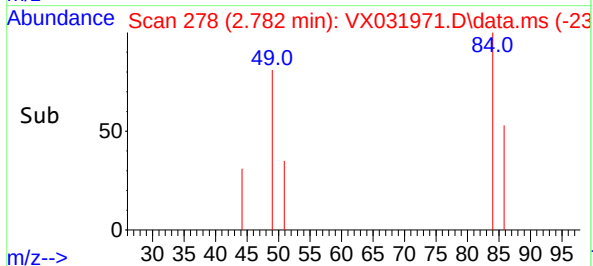
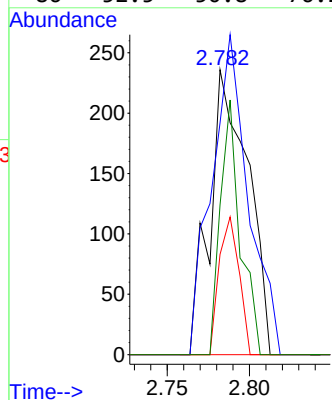
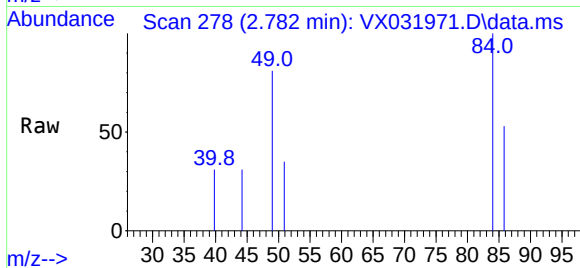
Ion Ratio Lower Upper

84 100

49 81.4 105.9 158.9#

51 35.2 32.2 48.2

86 52.5 50.8 76.2



#31

Cyclohexane

Concen: 0.941 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.086 min

Lab File: VX031971.D

Acq: 07 Oct 2022 18:41

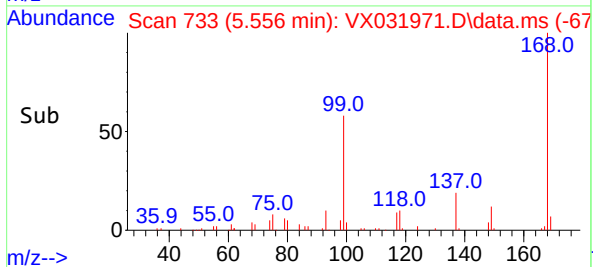
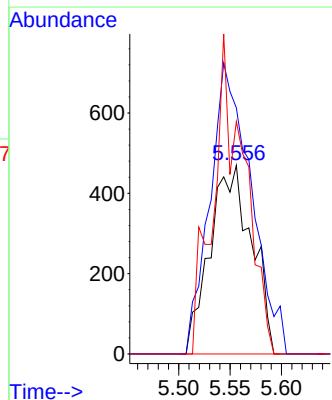
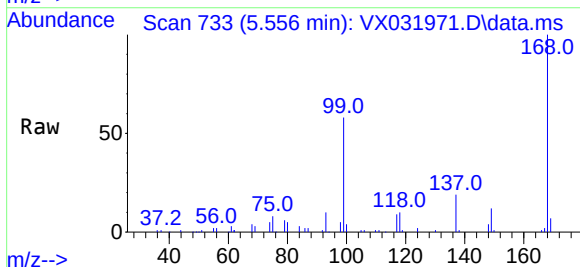
Tgt Ion: 56 Resp: 1332

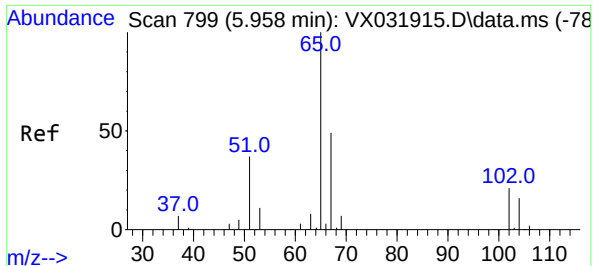
Ion Ratio Lower Upper

56 100

69 130.4 25.1 37.7#

84 123.2 70.2 105.4#

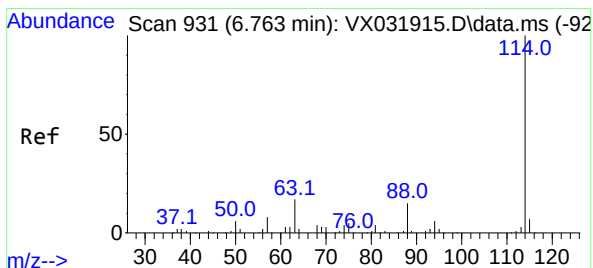
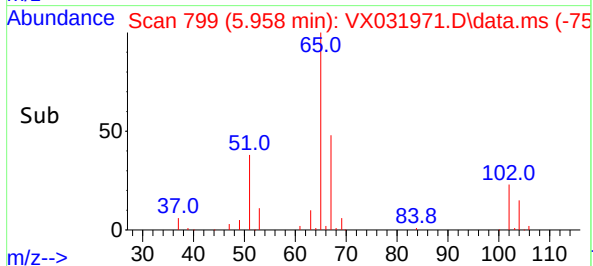
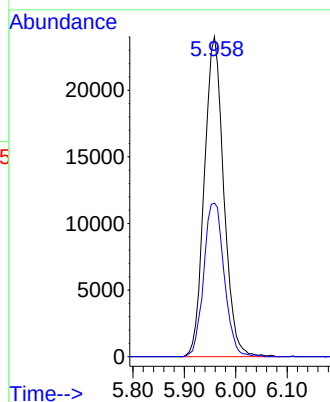
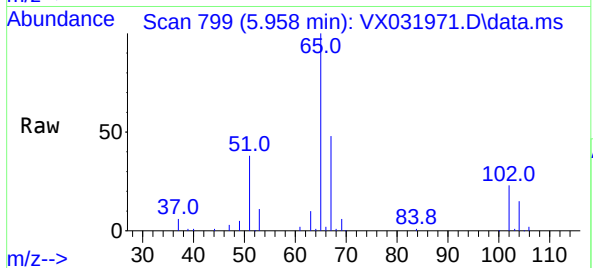




#33
1,2-Dichloroethane-d4
Concen: 53.173 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031971.D
Acq: 07 Oct 2022 18:41

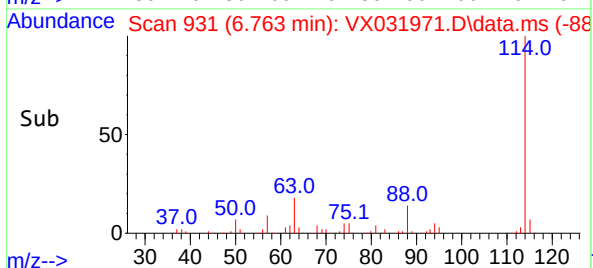
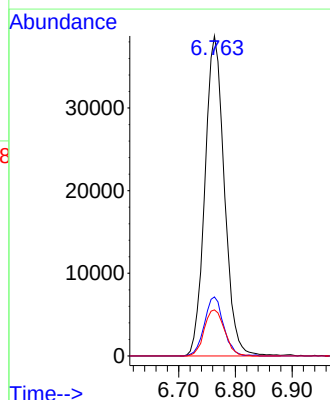
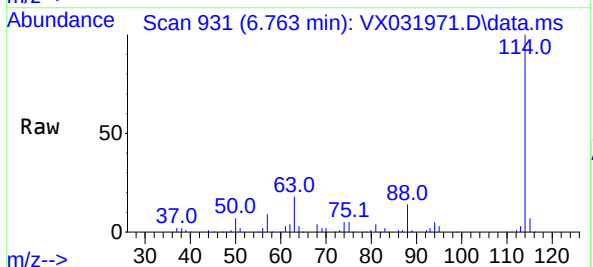
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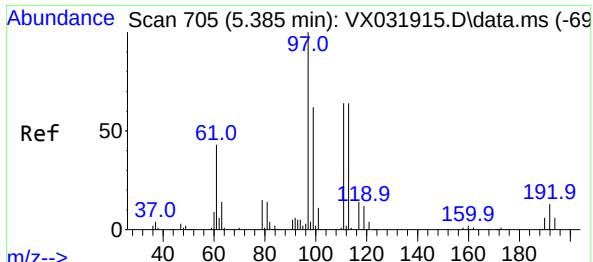
Tgt Ion: 65 Resp: 63007
Ion Ratio Lower Upper
65 100
67 50.6 0.0 102.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX031971.D
Acq: 07 Oct 2022 18:41

Tgt Ion: 114 Resp: 92185
Ion Ratio Lower Upper
114 100
63 18.4 0.0 42.6
88 14.4 0.0 33.0

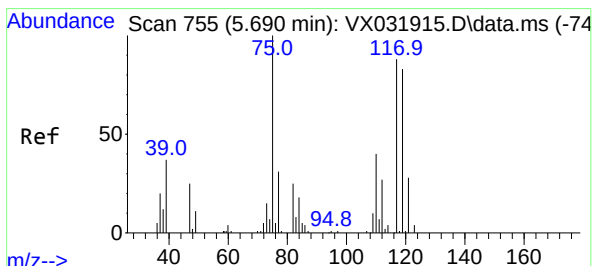
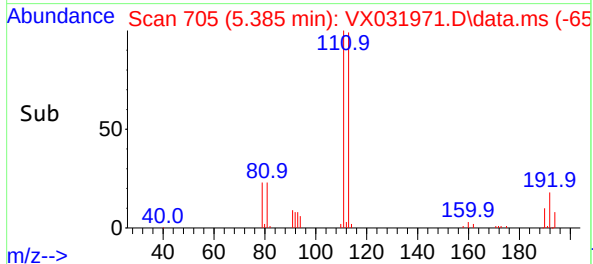
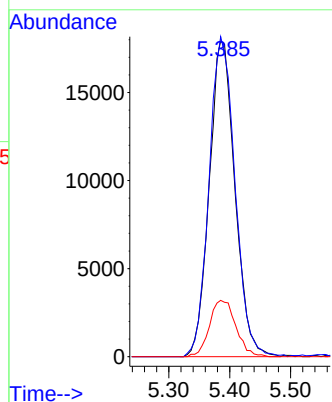
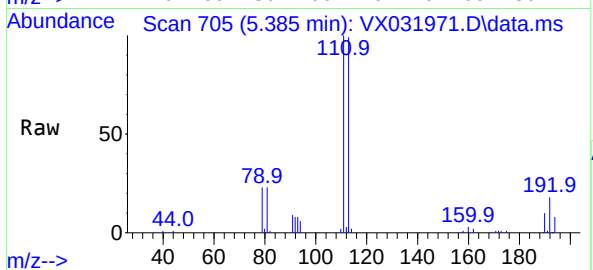




#35
Dibromofluoromethane
Concen: 50.234 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX031971.D
Acq: 07 Oct 2022 18:41

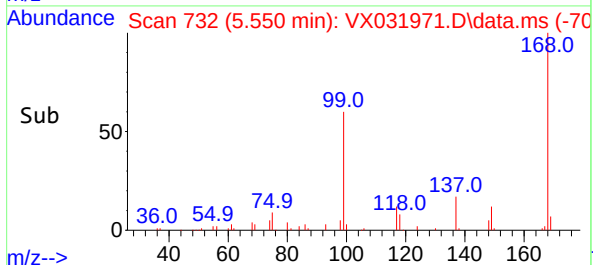
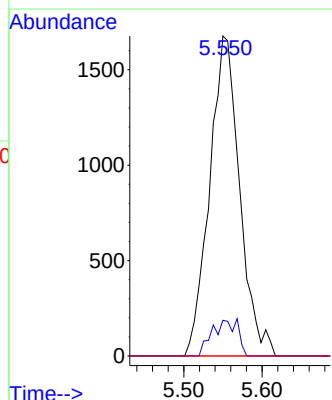
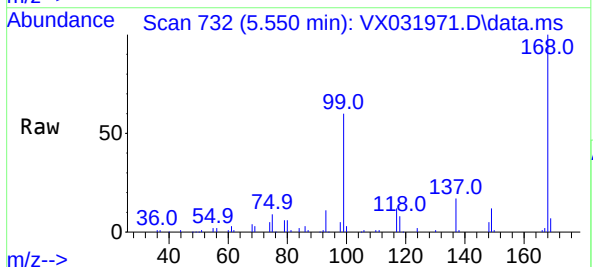
Instrument :
MSVOA_X
ClientSampleId :
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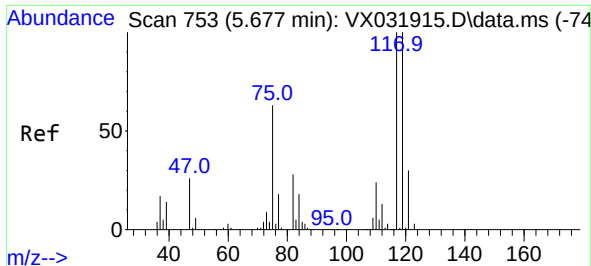
Tgt Ion:113 Resp: 52418
Ion Ratio Lower Upper
113 100
111 102.5 82.4 123.6
192 18.4 14.1 21.1



#36
1,1-Dichloropropene
Concen: 3.234 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX031971.D
Acq: 07 Oct 2022 18:41

Tgt Ion: 75 Resp: 4475
Ion Ratio Lower Upper
75 100
110 9.7 17.5 52.5#
77 0.0 24.9 37.3#

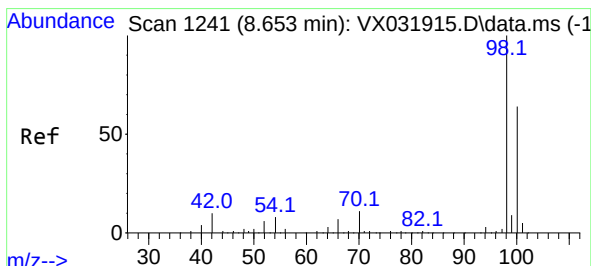
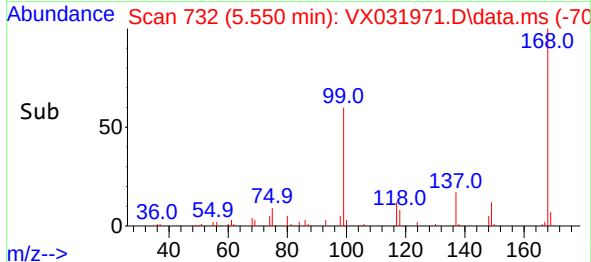
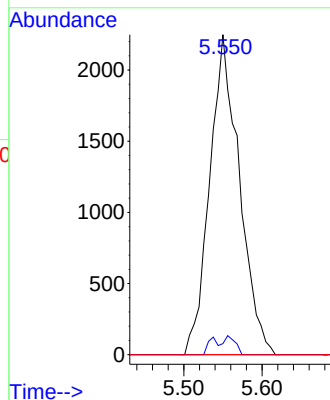
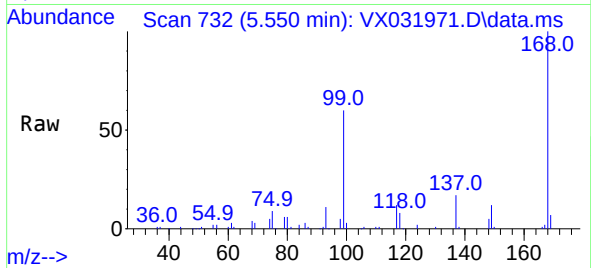




#38
Carbon Tetrachloride
Concen: 4.188 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.127 min
Lab File: VX031971.D
Acq: 07 Oct 2022 18:41

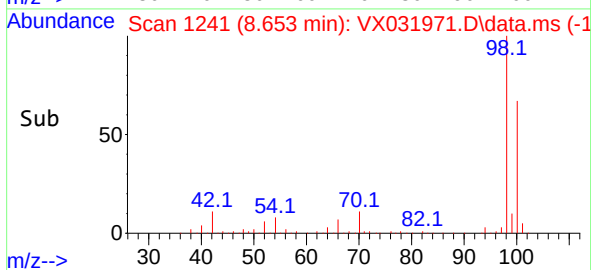
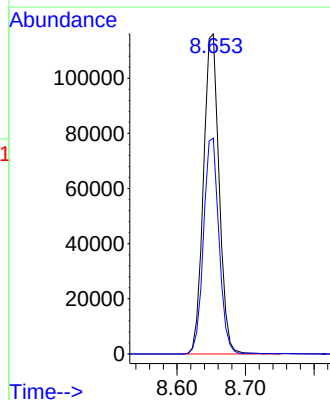
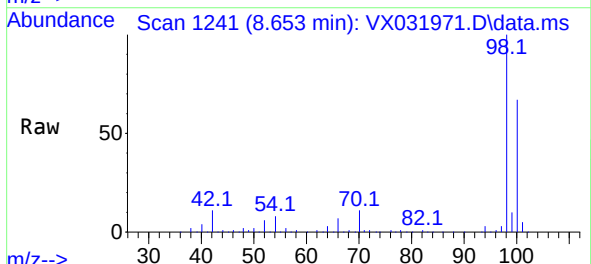
Instrument :
MSVOA_X
ClientSampleId :
MW-133DL

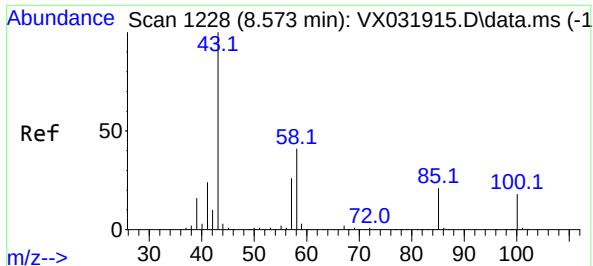
Tgt Ion:117 Resp: 5925
Ion Ratio Lower Upper
117 100
119 3.5 74.6 112.0#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 49.201 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031971.D
Acq: 07 Oct 2022 18:41

Tgt Ion: 98 Resp: 184740
Ion Ratio Lower Upper
98 100
100 66.7 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 0.641 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.080 min

Lab File: VX031971.D

Acq: 07 Oct 2022 18:41

Instrument :

MSVOA_X

ClientSampleId :

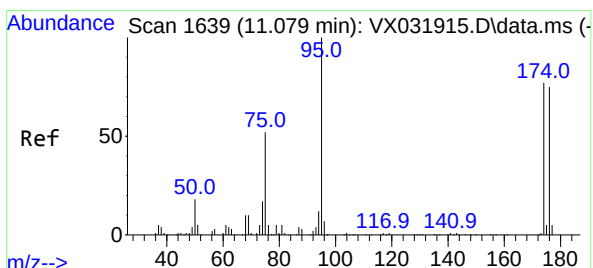
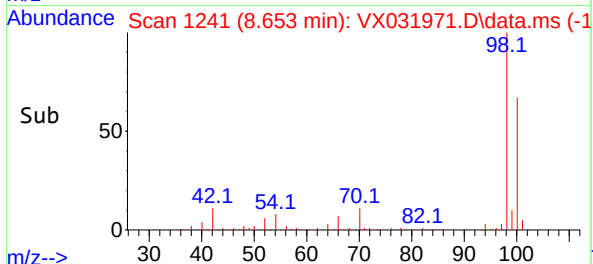
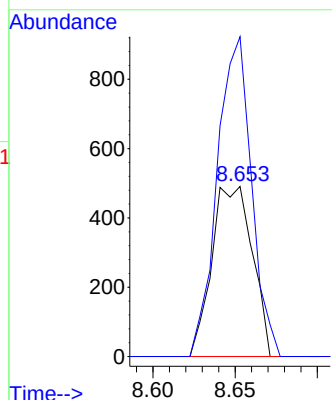
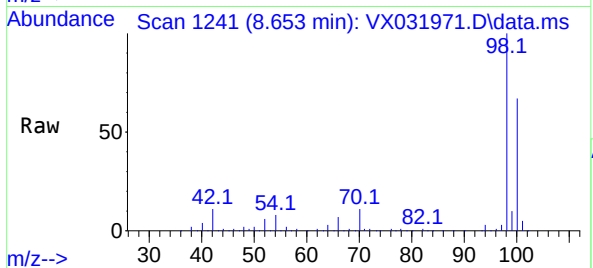
MW-133DL

Tgt Ion: 43 Resp: 840

Ion Ratio Lower Upper

43 100

58 159.2 30.6 46.0#



#62

4-Bromofluorobenzene

Concen: 47.725 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.006 min

Lab File: VX031971.D

Acq: 07 Oct 2022 18:41

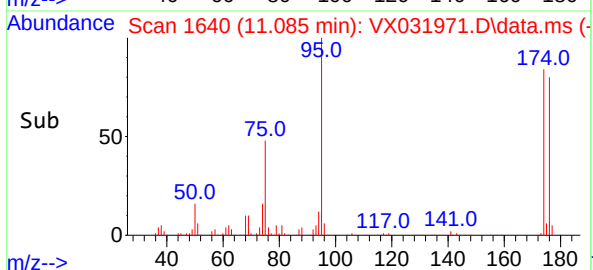
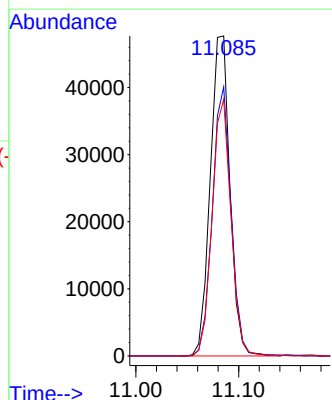
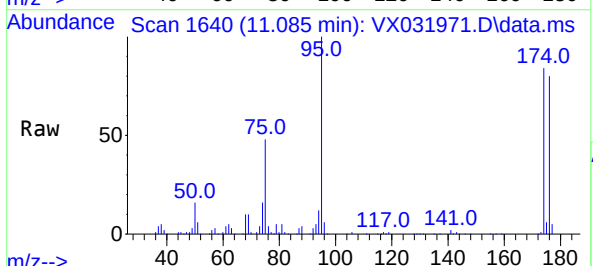
Tgt Ion: 95 Resp: 63351

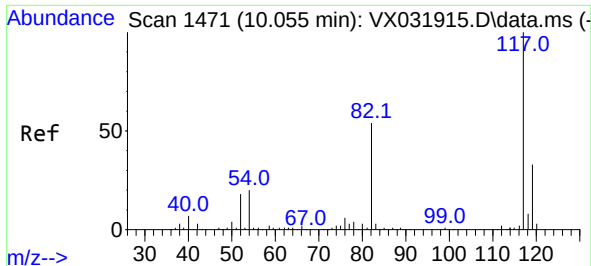
Ion Ratio Lower Upper

95 100

174 80.5 0.0 153.2

176 76.6 0.0 144.0

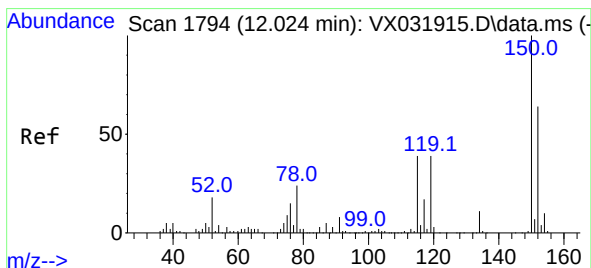
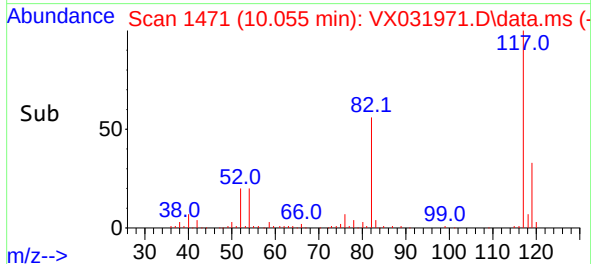
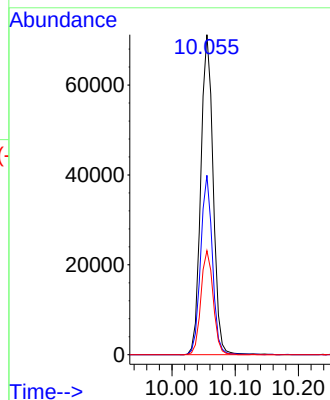
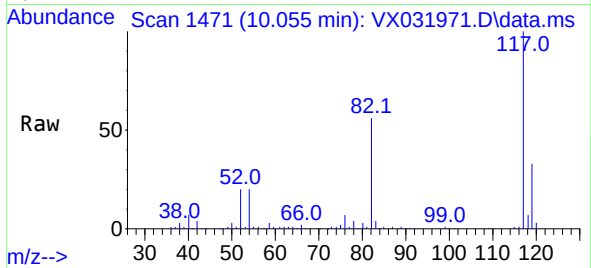




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031971.D
Acq: 07 Oct 2022 18:41

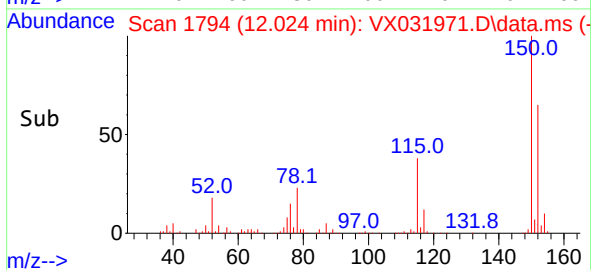
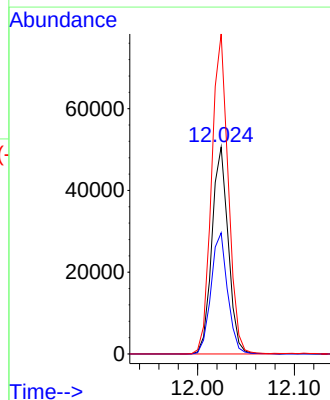
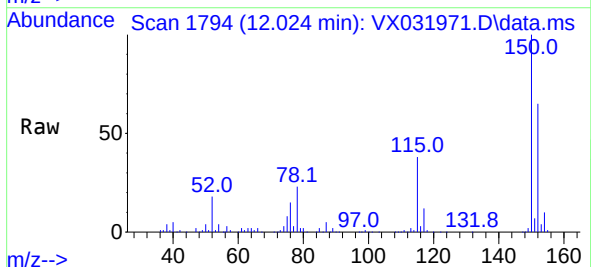
Instrument :
MSVOA_X
ClientSampleId :
MW-133DL

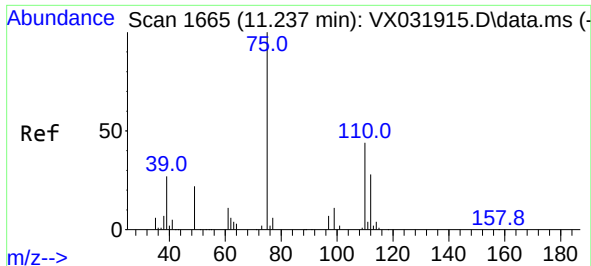
Tgt Ion:117 Resp: 96767
Ion Ratio Lower Upper
117 100
82 56.1 46.8 70.2
119 32.5 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031971.D
Acq: 07 Oct 2022 18:41

Tgt Ion:152 Resp: 59477
Ion Ratio Lower Upper
152 100
115 59.5 43.4 130.1
150 157.6 0.0 346.8

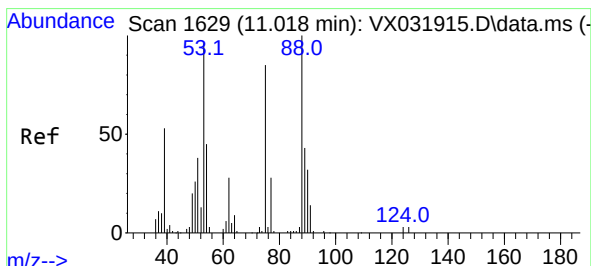
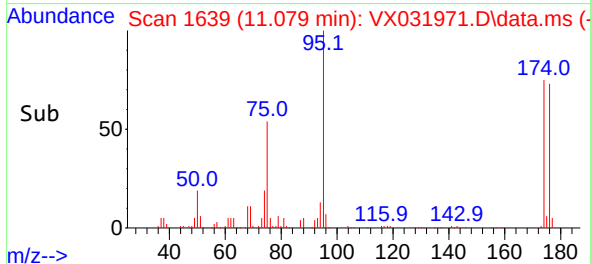
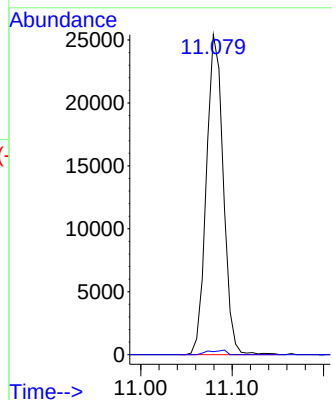
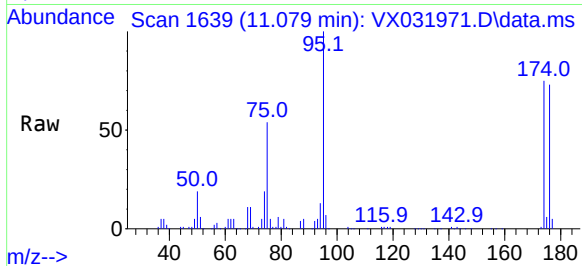




#76
1,2,3-Trichloropropane
Concen: 26.790 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX031971.D
Acq: 07 Oct 2022 18:41

Instrument :
MSVOA_X
ClientSampleId :
MW-133DL

Tgt Ion: 75 Resp: 32657
Ion Ratio Lower Upper
75 100
77 1.5 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.827 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031971.D
Acq: 07 Oct 2022 18:41

Tgt Ion: 75 Resp: 32657
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

