

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021022\
 Data File : VX026923.D
 Acq On : 10 Feb 2022 16:22
 Operator : JC/MD
 Sample : N1446-05DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-132DL

Quant Time: Feb 11 04:00:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

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

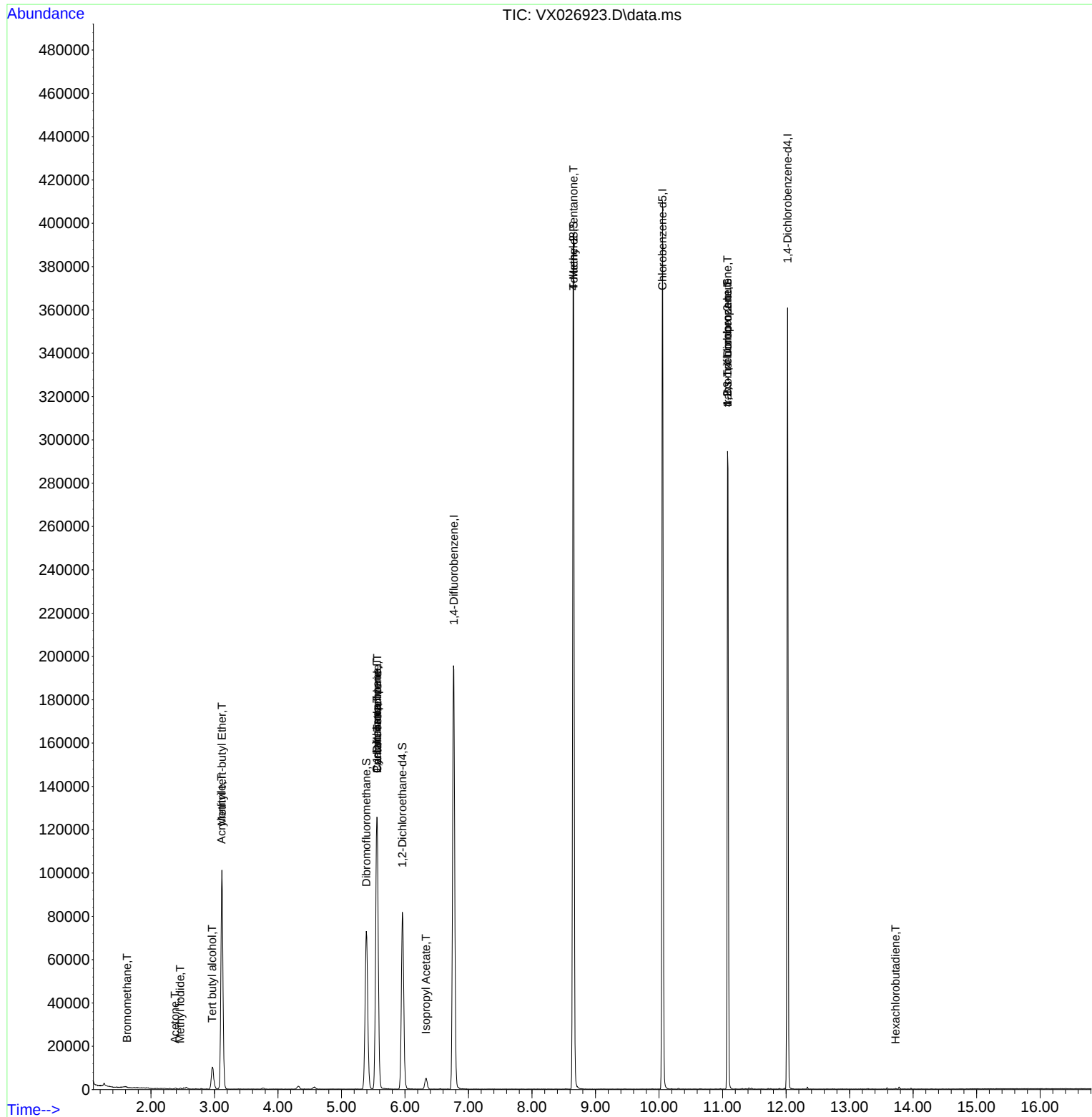
Internal Standards						
1) Pentafluorobenzene	5.562	168	121639	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	203562	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	180188	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	72946	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	78980	54.090	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.180%	
35) Dibromofluoromethane	5.391	113	64242	52.971	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.940%	
50) Toluene-d8	8.653	98	236847	53.203	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 106.400%	
62) 4-Bromofluorobenzene	11.079	95	81967	52.297	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.600%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.624	94	138	0.252	ug/l	83
10) Methyl Iodide	2.459	142	495	2.528	ug/l #	76
11) Tert butyl alcohol	2.965	59	14039	53.222	ug/l	99
15) Acrylonitrile	3.111	53	1327	1.756	ug/l #	36
16) Acetone	2.380	43	531	0.828	ug/l #	46
19) Methyl tert-butyl Ether	3.117	73	108227	24.562	ug/l	99
31) Cyclohexane	5.556	56	2488	1.072	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	9421	4.924	ug/l #	50
38) Carbon Tetrachloride	5.562	117	12319	6.140	ug/l #	16
43) Isopropyl Acetate	6.330	43	1831	0.547	ug/l #	9
51) 4-Methyl-2-Pentanone	8.653	43	1009	0.498	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	41629	26.070	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	41629	79.374	ug/l #	3
94) Hexachlorobutadiene	13.725	225	136	0.211	ug/l #	77

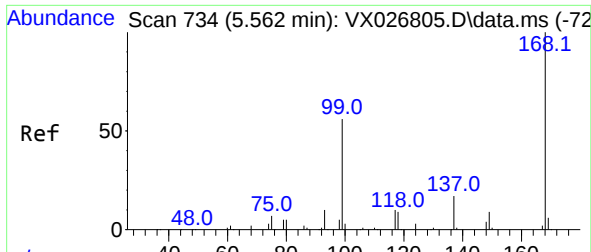
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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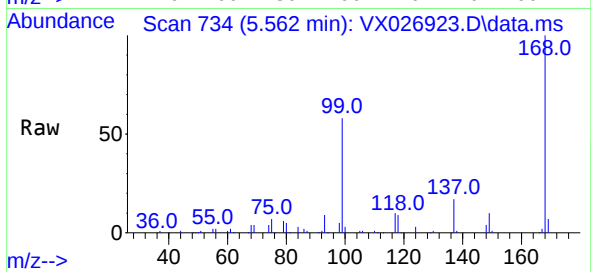
Quant Time: Feb 11 04:00:28 2022
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Quant Title : SW846 8260
QLast Update : Tue Feb 08 07:07:46 2022
Response via : Initial Calibration



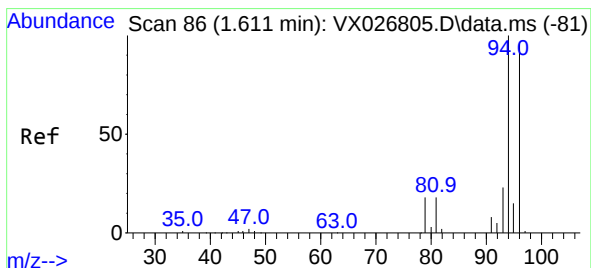
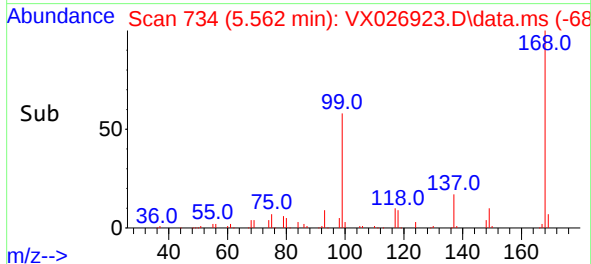
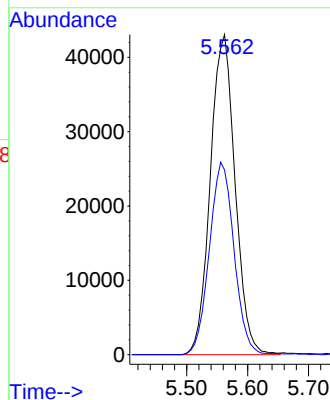


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026923.D
Acq: 10 Feb 2022 16:22

Instrument :
MSVOA_X
ClientSampleId :
MW-132DL

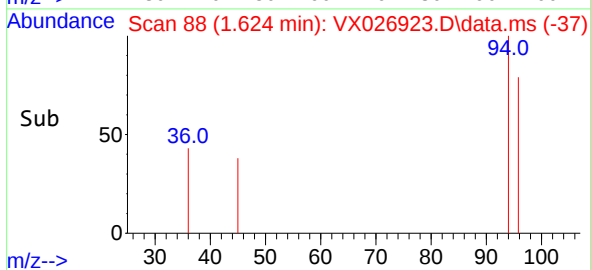
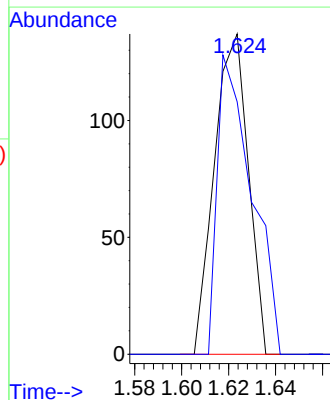
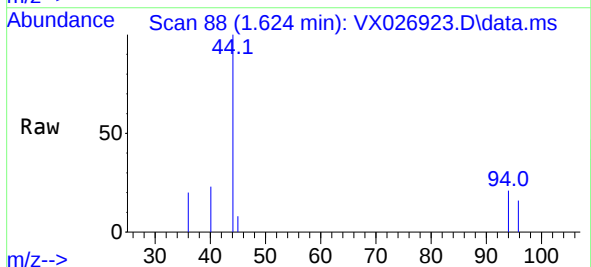


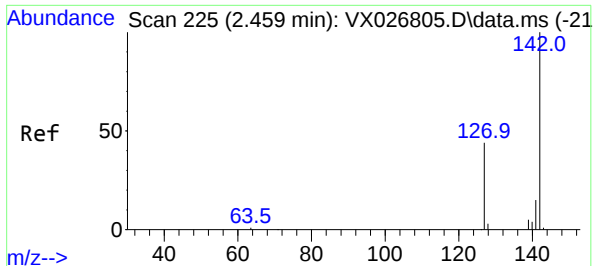
Tgt Ion:168 Resp: 121639
Ion Ratio Lower Upper
168 100
99 57.8 50.3 75.5



#5
Bromomethane
Concen: 0.252 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.012 min
Lab File: VX026923.D
Acq: 10 Feb 2022 16:22

Tgt Ion: 94 Resp: 138
Ion Ratio Lower Upper
94 100
96 78.8 75.9 113.9

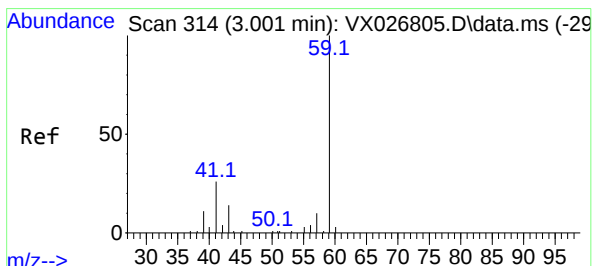
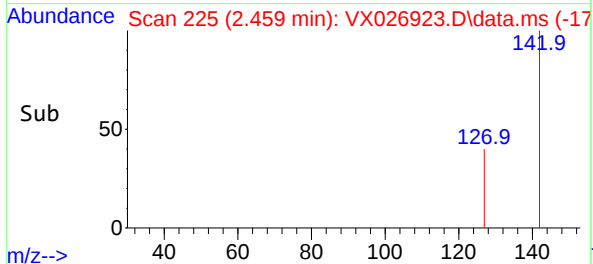
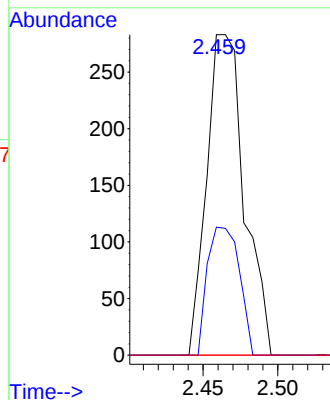
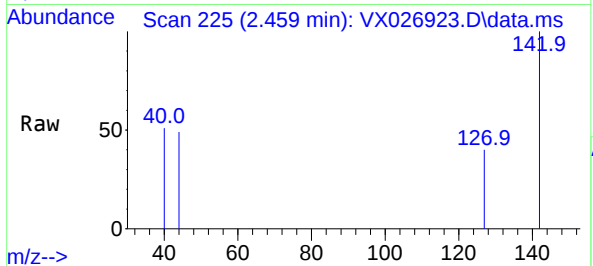




#10
Methyl Iodide
Concen: 2.528 ug/l
RT: 2.459 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX026923.D
Acq: 10 Feb 2022 16:22

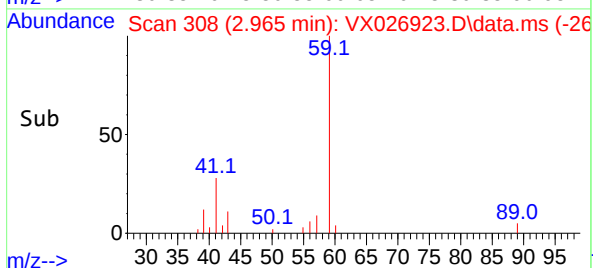
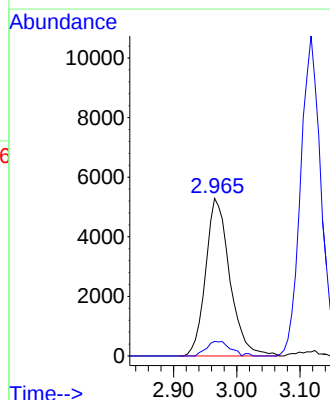
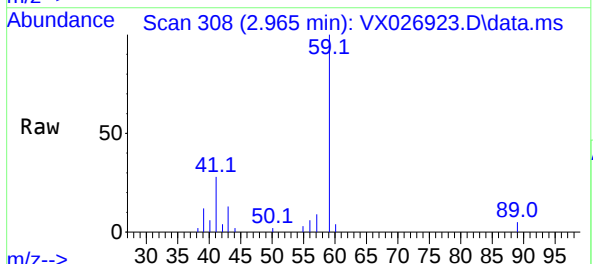
Instrument :
MSVOA_X
ClientSampleId :
MW-132DL

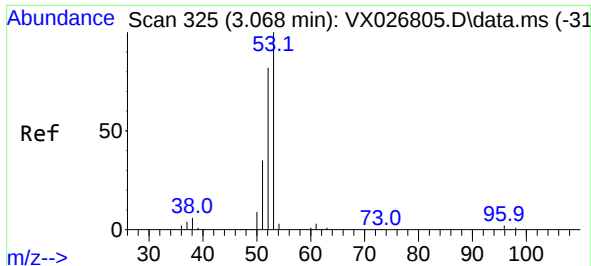
Tgt Ion:	142	Resp:	495
Ion	Ratio	Lower	Upper
142	100		
127	33.9	38.1	57.1#
141	0.0	11.2	16.8#



#11
Tert butyl alcohol
Concen: 53.222 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.036 min
Lab File: VX026923.D
Acq: 10 Feb 2022 16:22

Tgt Ion:	59	Resp:	14039
Ion	Ratio	Lower	Upper
59	100		
57	9.2	7.2	10.8

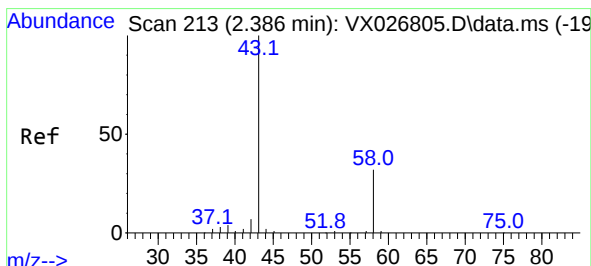
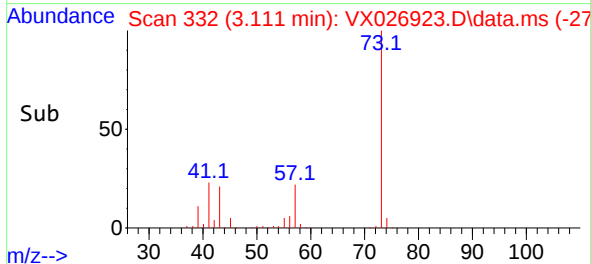
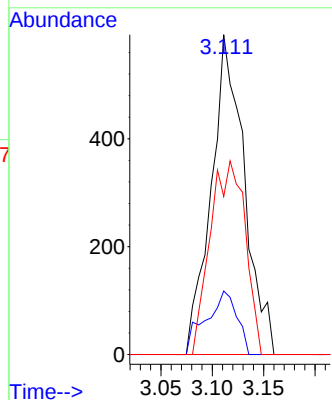
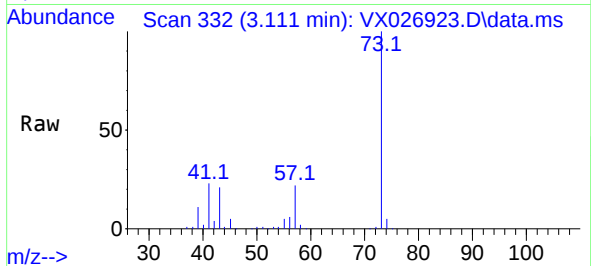




#15
Acrylonitrile
Concen: 1.756 ug/l
RT: 3.111 min Scan# 31
Delta R.T. 0.043 min
Lab File: VX026923.D
Acq: 10 Feb 2022 16:22

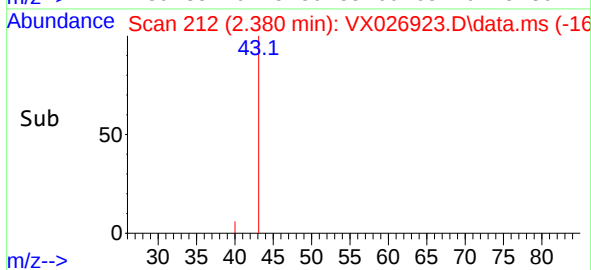
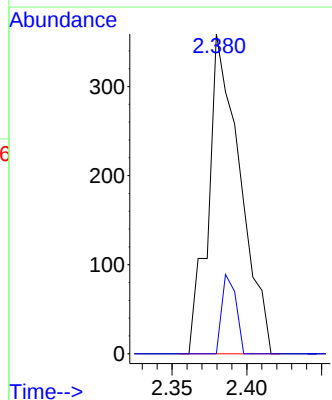
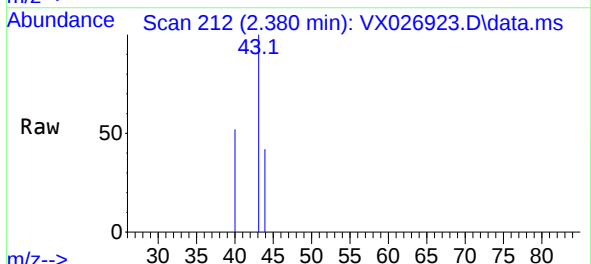
Instrument :
MSVOA_X
ClientSampleId :
MW-132DL

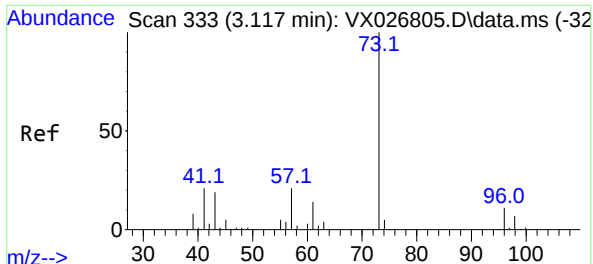
Tgt Ion: 53 Resp: 1327
Ion Ratio Lower Upper
53 100
52 18.7 66.6 100.0#
51 64.1 29.5 44.3#



#16
Acetone
Concen: 0.828 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX026923.D
Acq: 10 Feb 2022 16:22

Tgt Ion: 43 Resp: 531
Ion Ratio Lower Upper
43 100
58 0.0 23.0 34.6#





#19

Methyl tert-butyl Ether

Concen: 24.562 ug/l

RT: 3.117 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX026923.D

Acq: 10 Feb 2022 16:22

Instrument :

MSVOA_X

ClientSampleId :

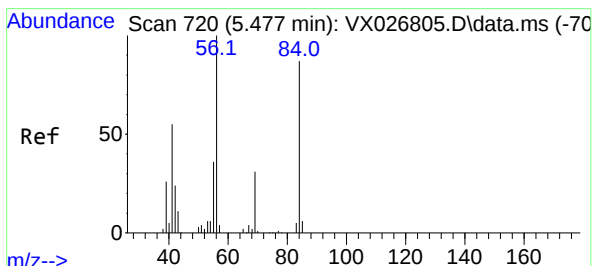
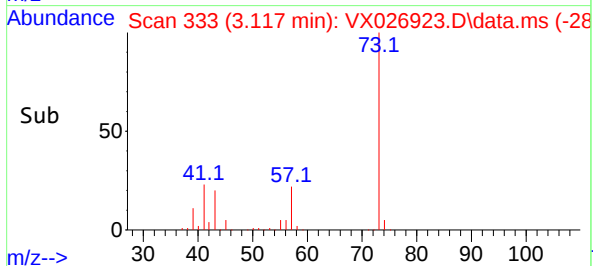
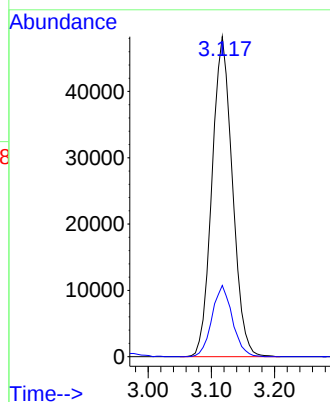
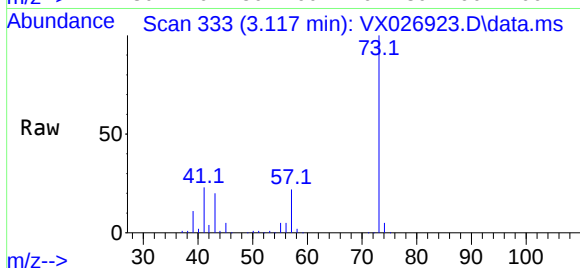
MW-132DL

Tgt Ion: 73 Resp: 108227

Ion Ratio Lower Upper

73 100

57 22.3 17.4 26.2



#31

Cyclohexane

Concen: 1.072 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.079 min

Lab File: VX026923.D

Acq: 10 Feb 2022 16:22

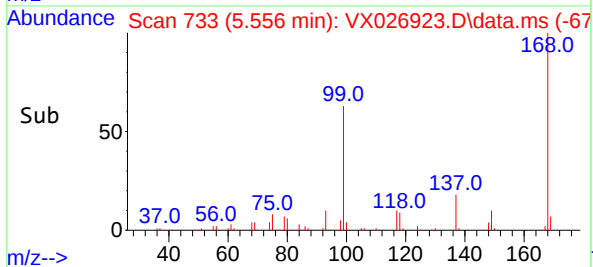
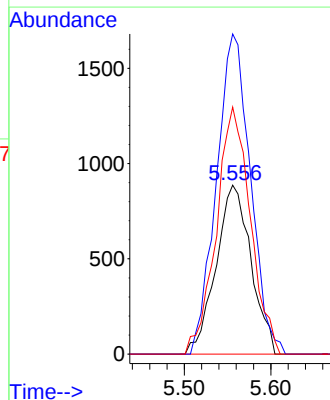
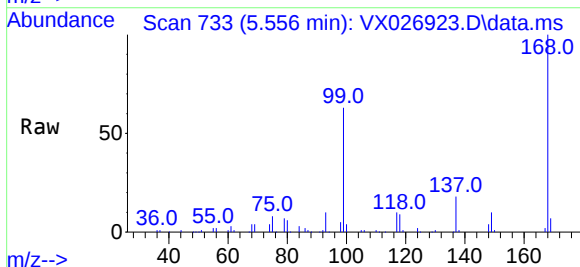
Tgt Ion: 56 Resp: 2488

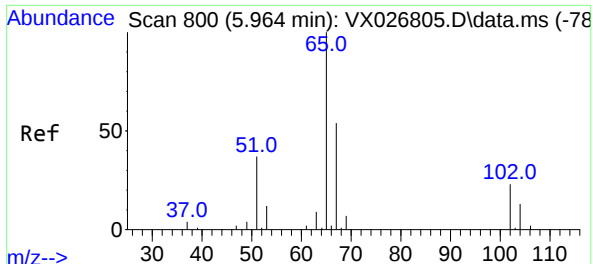
Ion Ratio Lower Upper

56 100

69 189.5 25.8 38.6#

84 146.2 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 54.090 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX026923.D

Acq: 10 Feb 2022 16:22

Instrument :

MSVOA_X

ClientSampleId :

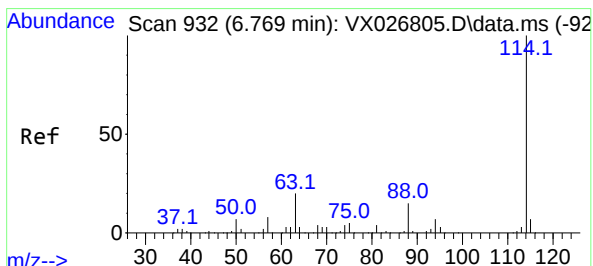
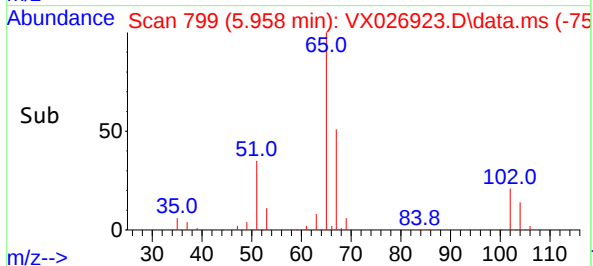
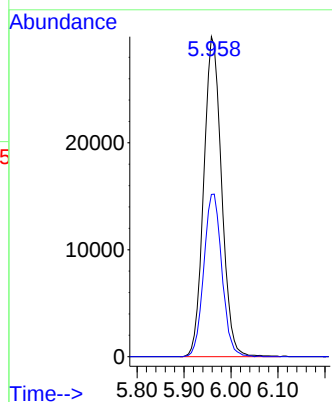
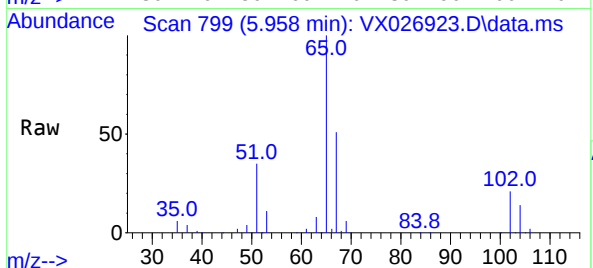
MW-132DL

Tgt Ion: 65 Resp: 78980

Ion Ratio Lower Upper

65 100

67 51.3 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX026923.D

Acq: 10 Feb 2022 16:22

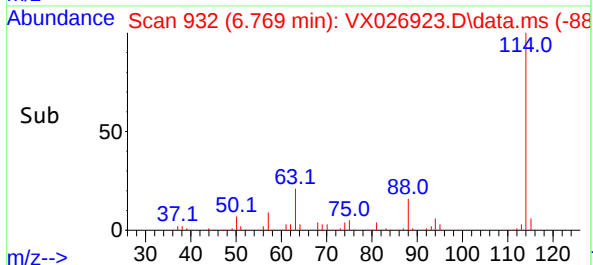
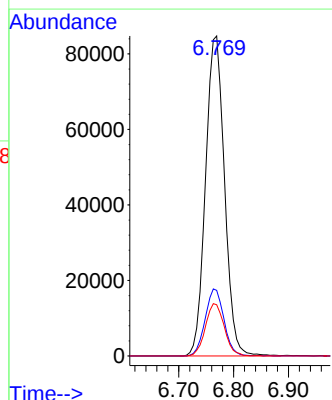
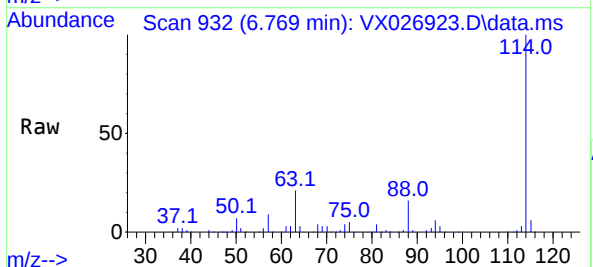
Tgt Ion: 114 Resp: 203562

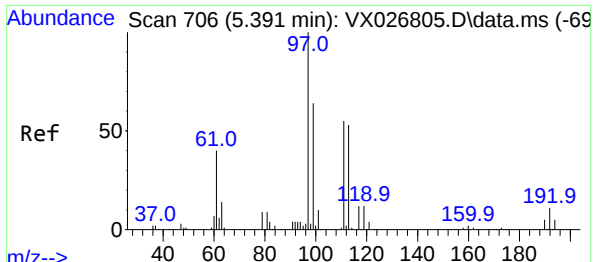
Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.8

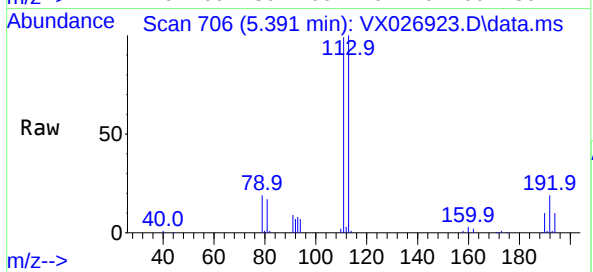
88 16.0 0.0 33.0



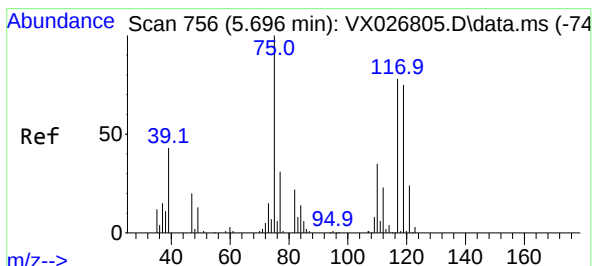
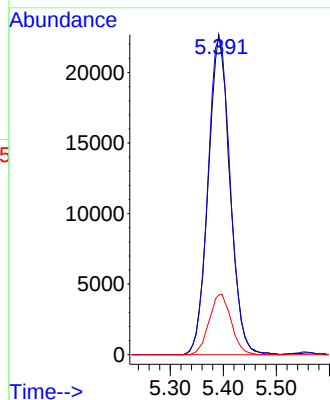
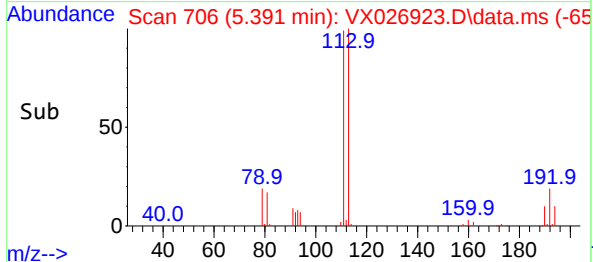


#35
Dibromofluoromethane
Concen: 52.971 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026923.D
Acq: 10 Feb 2022 16:22

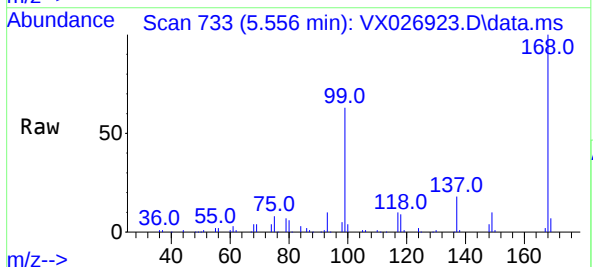
Instrument :
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MW-132DL



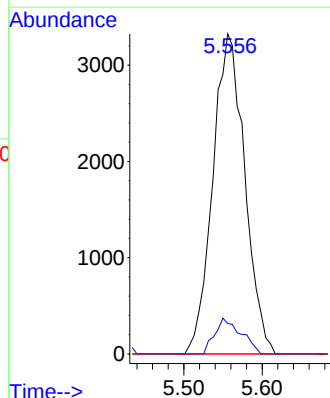
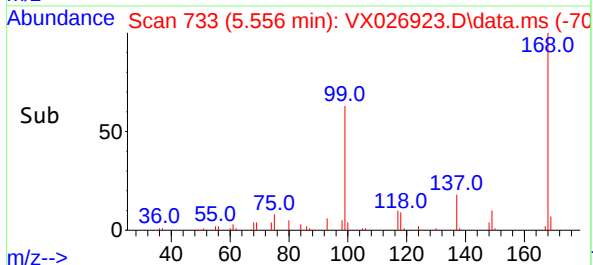
Tgt Ion:113 Resp: 64242
Ion Ratio Lower Upper
113 100
111 102.6 81.2 121.8
192 19.2 15.0 22.4

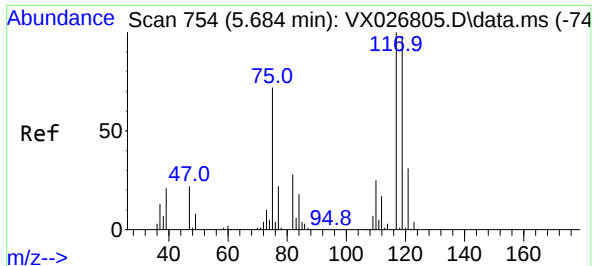


#36
1,1-Dichloropropene
Concen: 4.924 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX026923.D
Acq: 10 Feb 2022 16:22



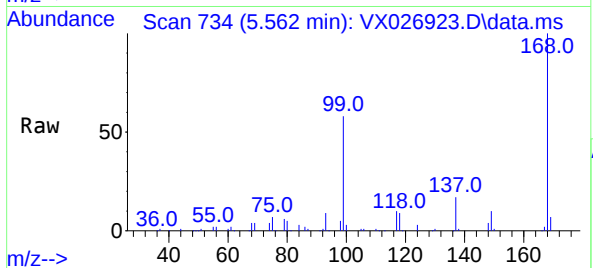
Tgt Ion: 75 Resp: 9421
Ion Ratio Lower Upper
75 100
110 9.2 17.2 51.6#
77 0.0 24.6 36.8#



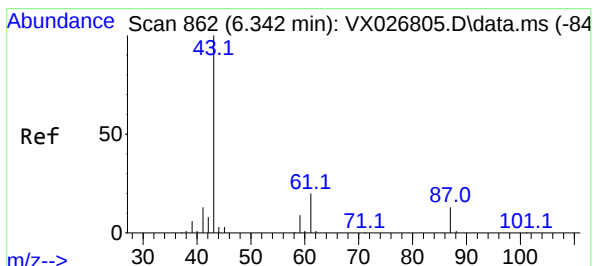
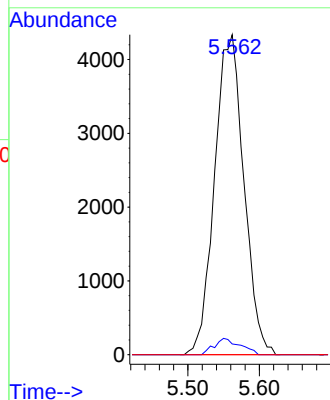
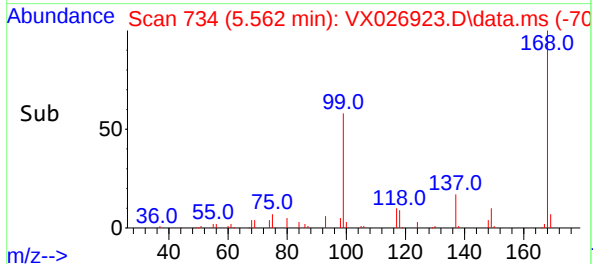


#38
Carbon Tetrachloride
Concen: 6.140 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX026923.D
Acq: 10 Feb 2022 16:22

Instrument :
MSVOA_X
ClientSampleId :
MW-132DL

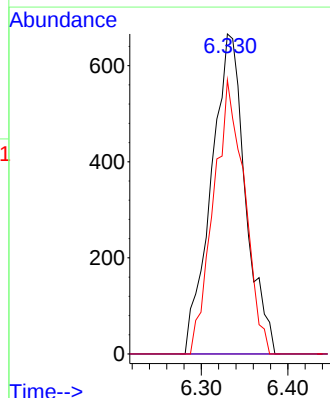
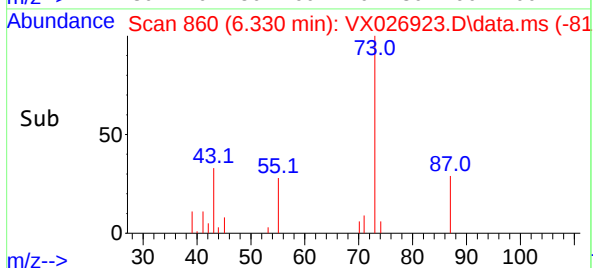
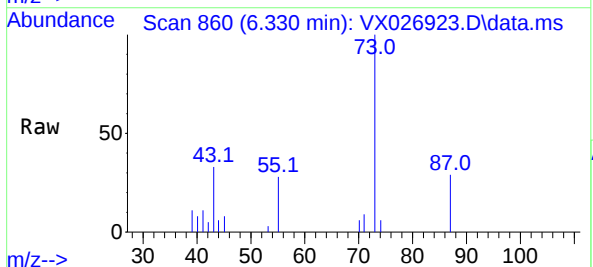


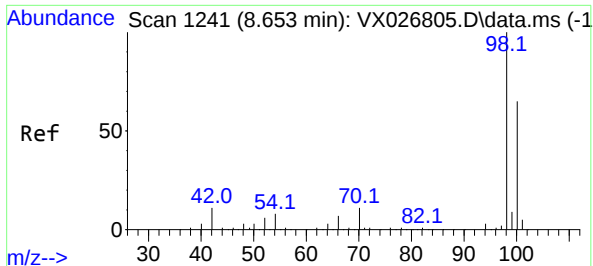
Tgt Ion:117 Resp: 12319
Ion Ratio Lower Upper
117 100
119 3.3 74.7 112.1#
121 0.0 25.4 38.0#



#43
Isopropyl Acetate
Concen: 0.547 ug/l
RT: 6.330 min Scan# 860
Delta R.T. -0.012 min
Lab File: VX026923.D
Acq: 10 Feb 2022 16:22

Tgt Ion: 43 Resp: 1831
Ion Ratio Lower Upper
43 100
61 0.0 15.4 23.0#
87 77.3 10.2 15.2#

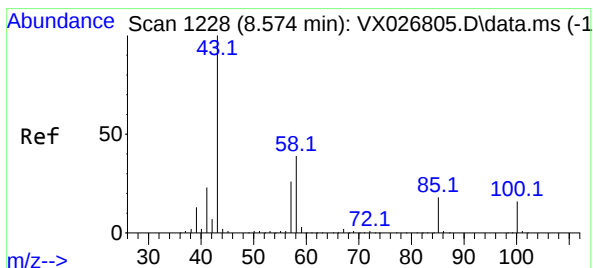
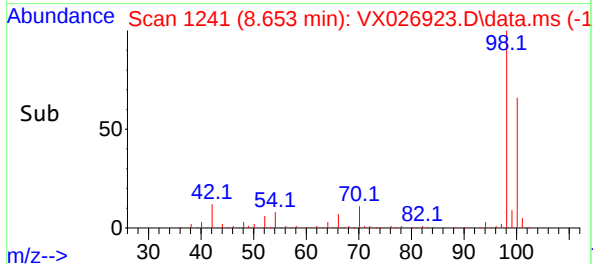
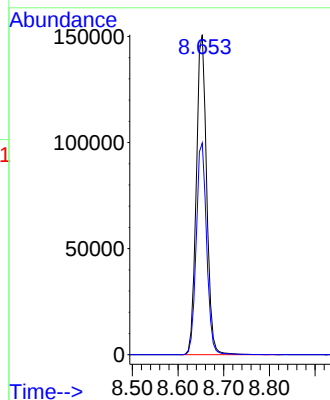
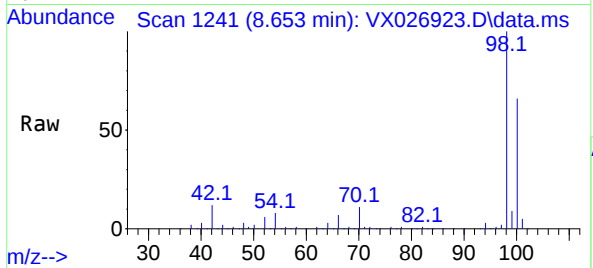




#50
Toluene-d8
Concen: 53.203 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX026923.D
Acq: 10 Feb 2022 16:22

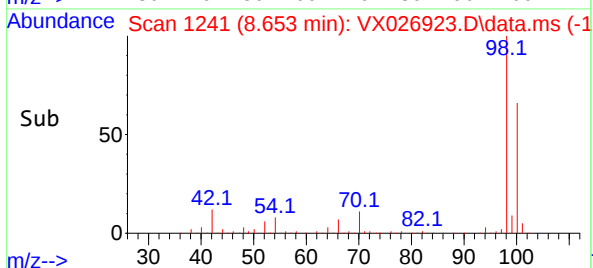
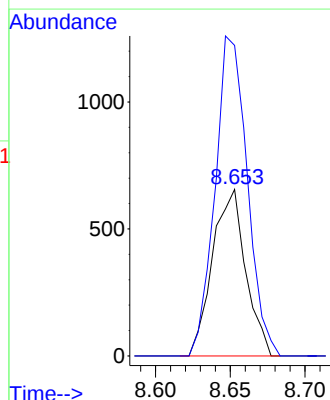
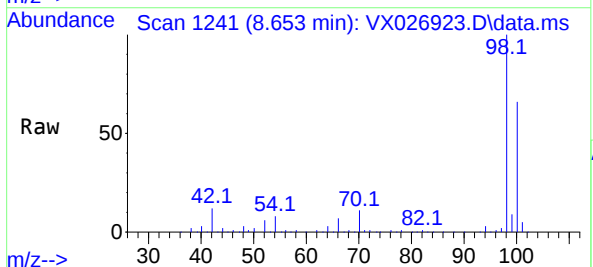
Instrument :
MSVOA_X
ClientSampleId :
MW-132DL

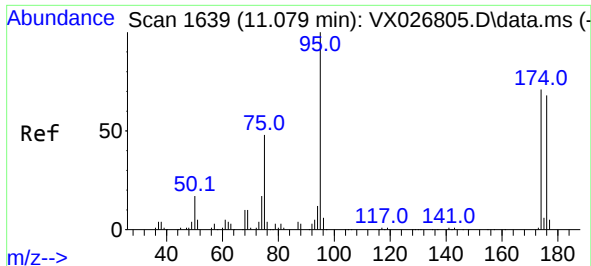
Tgt Ion: 98 Resp: 236847
Ion Ratio Lower Upper
98 100
100 66.5 53.2 79.8



#51
4-Methyl-2-Pentanone
Concen: 0.498 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX026923.D
Acq: 10 Feb 2022 16:22

Tgt Ion: 43 Resp: 1009
Ion Ratio Lower Upper
43 100
58 187.0 30.5 45.7#

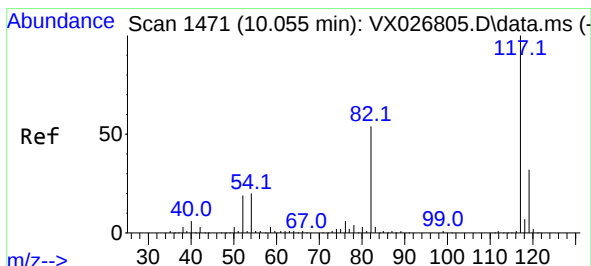
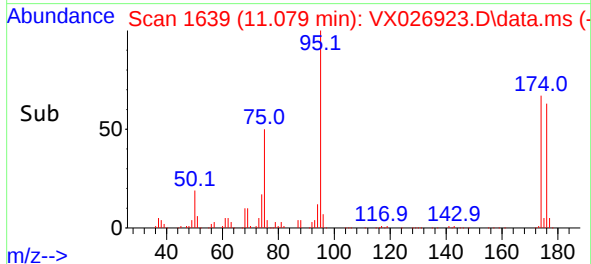
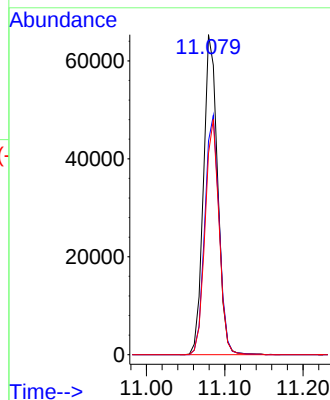
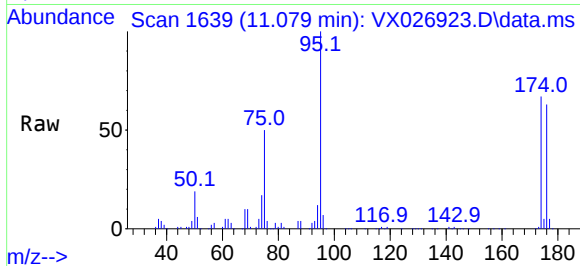




#62
4-Bromofluorobenzene
Concen: 52.297 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026923.D
Acq: 10 Feb 2022 16:22

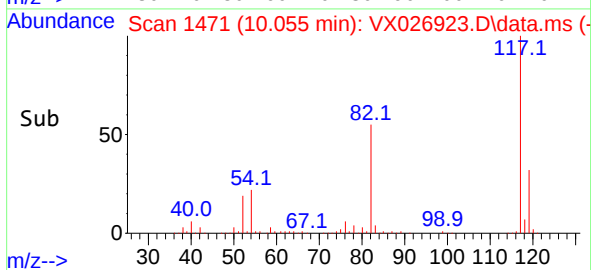
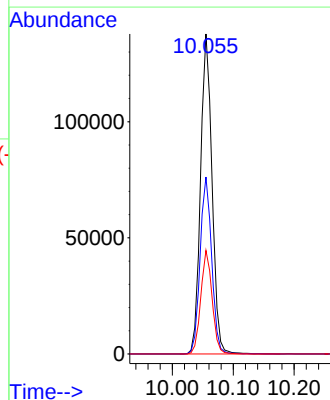
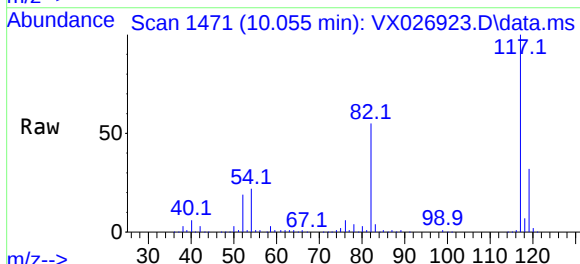
Instrument :
MSVOA_X
ClientSampleId :
MW-132DL

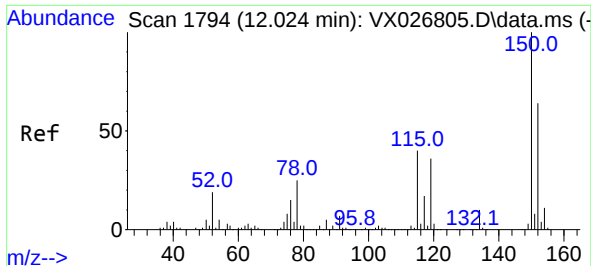
Tgt Ion: 95 Resp: 81967
Ion Ratio Lower Upper
95 100
174 76.0 0.0 148.6
176 72.7 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026923.D
Acq: 10 Feb 2022 16:22

Tgt Ion: 117 Resp: 180188
Ion Ratio Lower Upper
117 100
82 55.3 45.2 67.8
119 32.4 26.2 39.2

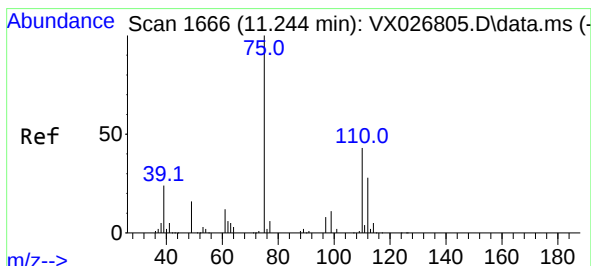
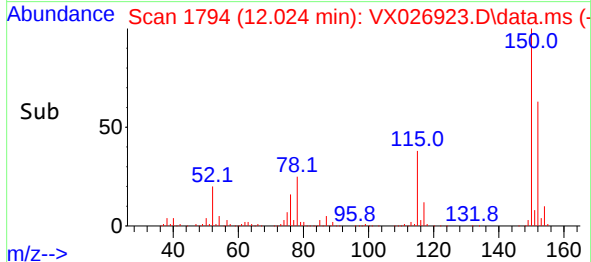
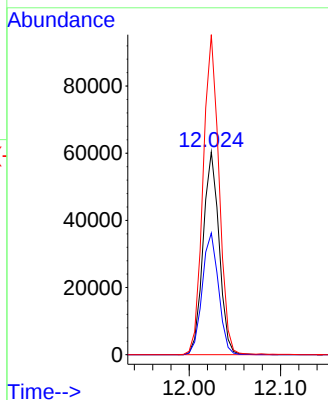
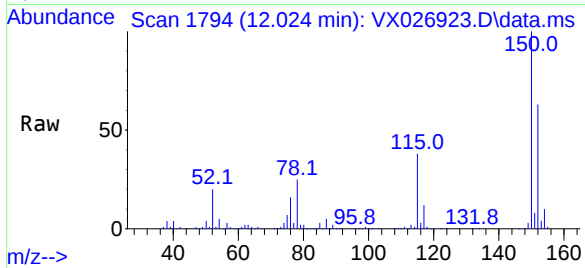




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX026923.D
Acq: 10 Feb 2022 16:22

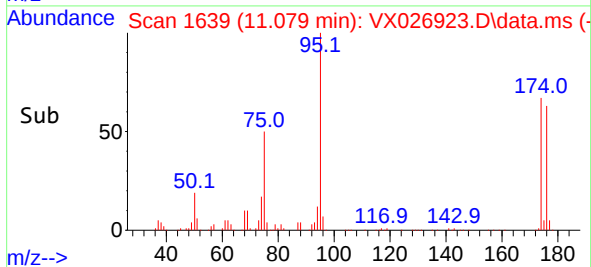
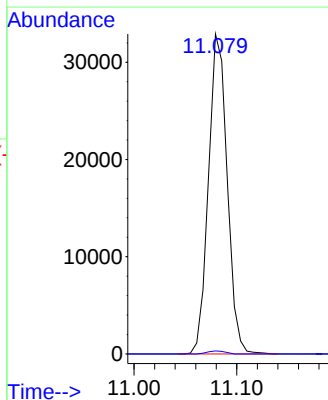
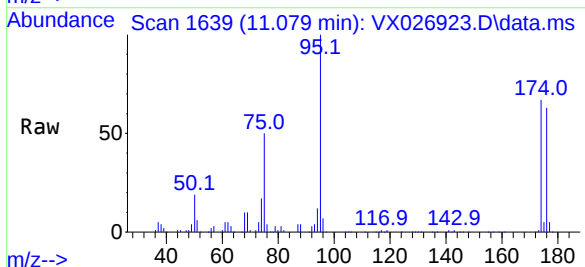
Instrument :
MSVOA_X
ClientSampleId :
MW-132DL

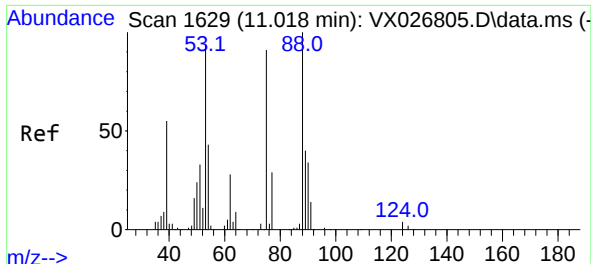
Tgt Ion:152 Resp: 72946
Ion Ratio Lower Upper
152 100
115 61.3 44.2 132.6
150 157.6 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 26.070 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX026923.D
Acq: 10 Feb 2022 16:22

Tgt Ion: 75 Resp: 41629
Ion Ratio Lower Upper
75 100
77 0.9 18.3 54.8#

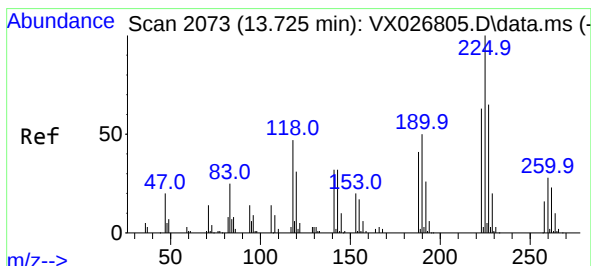
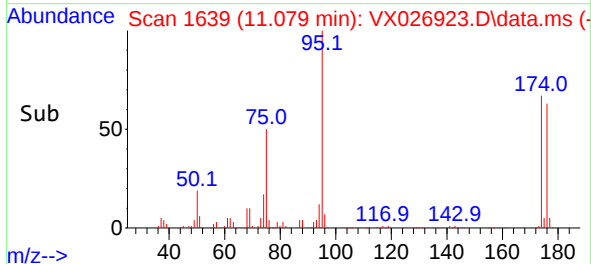
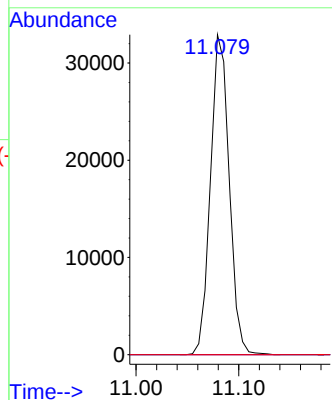
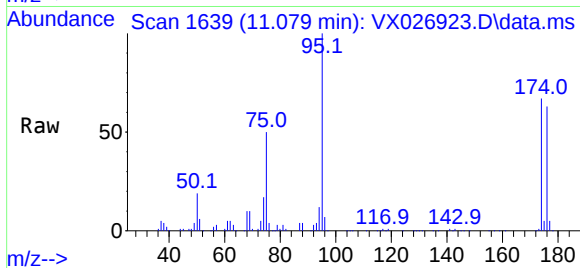




#81
trans-1,4-Dichloro-2-butene
Concen: 79.374 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX026923.D
Acq: 10 Feb 2022 16:22

Instrument :
MSVOA_X
ClientSampleId :
MW-132DL

Tgt Ion: 75 Resp: 41629
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#



#94
Hexachlorobutadiene
Concen: 0.211 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX026923.D
Acq: 10 Feb 2022 16:22

Tgt Ion: 225 Resp: 136
Ion Ratio Lower Upper
225 100
223 65.4 32.0 96.0
227 29.4 32.3 96.9#

