

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032223\
 Data File : VX034672.D
 Acq On : 22 Mar 2023 15:12
 Operator : JC/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VIBLK

Quant Time: Mar 23 07:54:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

Compound	R.T.	T.Q	Ion	Response	Conc	Units	Dev(Min)

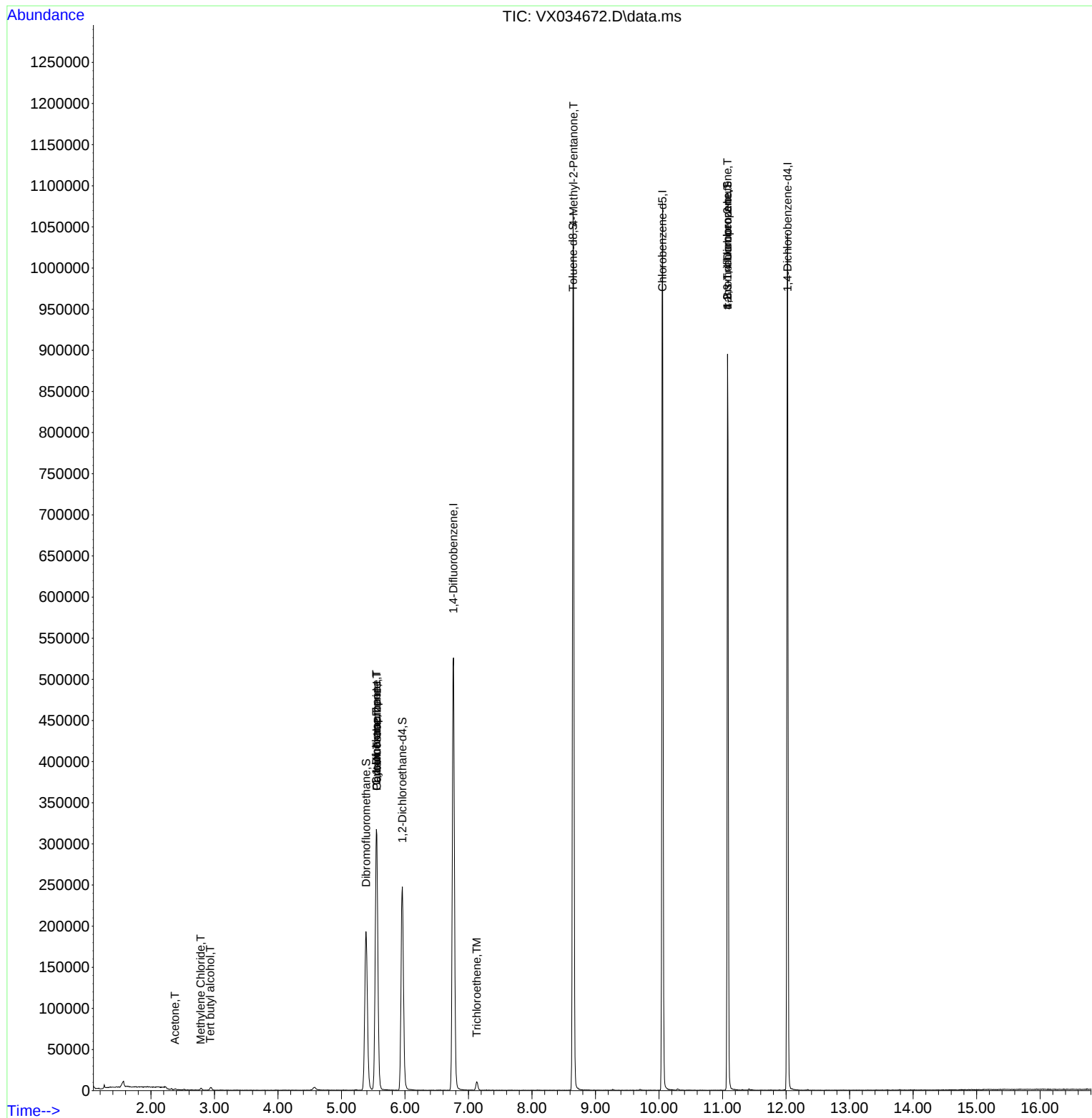
Internal Standards							
1) Pentafluorobenzene	5.556	168		294065	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.763	114		519980	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117		462373	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152		212617	50.000	ug/l	0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.958	65		249878	58.409	ug/l	0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	=	116.820%	
35) Dibromofluoromethane	5.385	113		169797	49.458	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.920%	
50) Toluene-d8	8.647	98		616103	48.072	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.140%	
62) 4-Bromofluorobenzene	11.079	95		242256	46.797	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.600%	
Target Compounds							
						Qvalue	
3) Chloromethane	1.300	50		321	Below Cal		90
11) Tert butyl alcohol	2.934	59		2259	2.536	ug/l #	73
16) Acetone	2.380	43		1037	0.515	ug/l #	85
20) Methylene Chloride	2.782	84		1023	0.262	ug/l #	90
31) Cyclohexane	5.550	56		6975	1.163	ug/l #	37
36) 1,1-Dichloropropene	5.550	75		24623	4.670	ug/l #	51
38) Carbon Tetrachloride	5.556	117		32035	6.107	ug/l #	15
44) Trichloroethene	7.129	130		4220	1.053	ug/l	89
51) 4-Methyl-2-Pentanone	8.653	43		3147	0.556	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75		127440	26.104	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75		127440	70.620	ug/l #	8

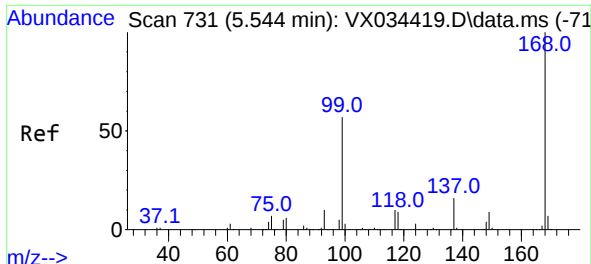
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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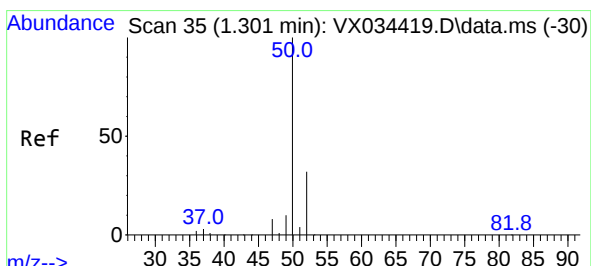
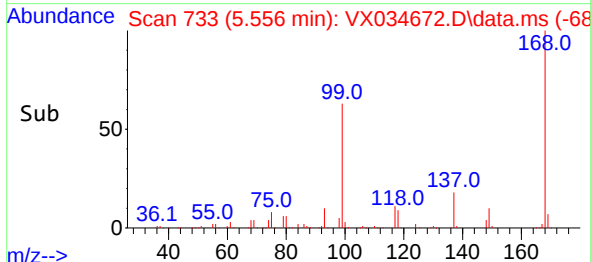
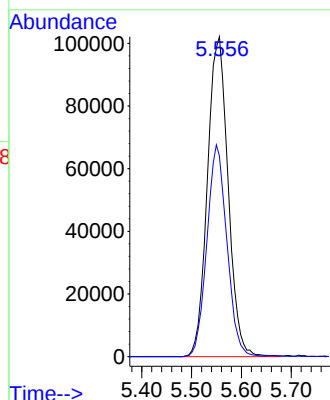
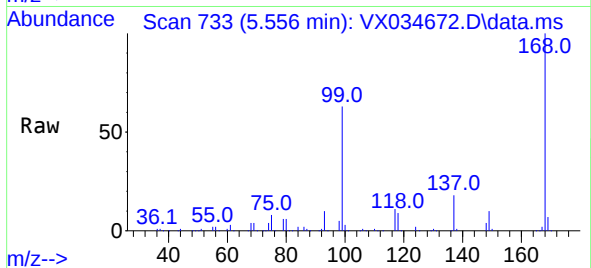




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.012 min
Lab File: VX034672.D
Acq: 22 Mar 2023 15:12

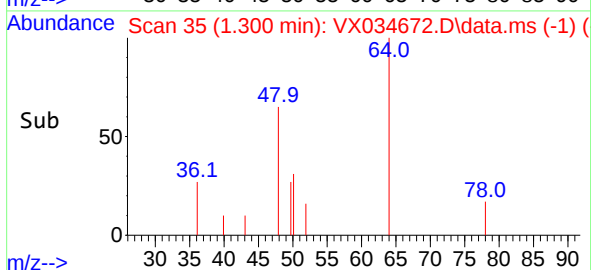
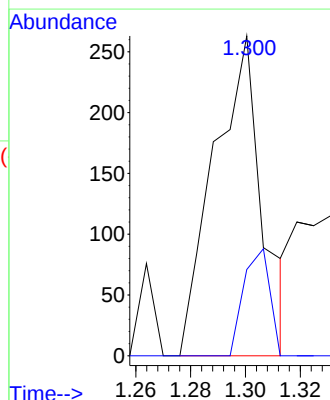
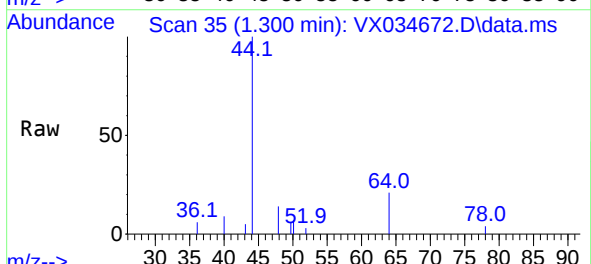
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

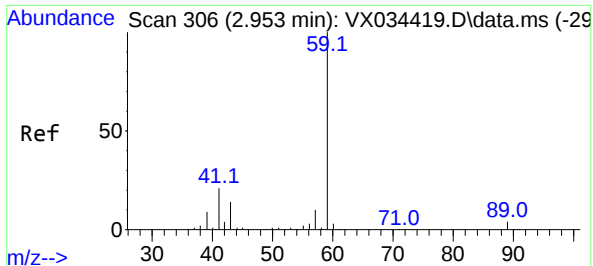
Tgt Ion:168 Resp: 294065
Ion Ratio Lower Upper
168 100
99 62.8 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.300 min Scan# 35
Delta R.T. -0.001 min
Lab File: VX034672.D
Acq: 22 Mar 2023 15:12

Tgt Ion: 50 Resp: 321
Ion Ratio Lower Upper
50 100
52 27.0 25.9 38.9





#11

Tert butyl alcohol

Concen: 2.536 ug/l

RT: 2.934 min Scan# 306

Delta R.T. -0.018 min

Lab File: VX034672.D

Acq: 22 Mar 2023 15:12

Instrument :

MSVOA_X

ClientSampleId :

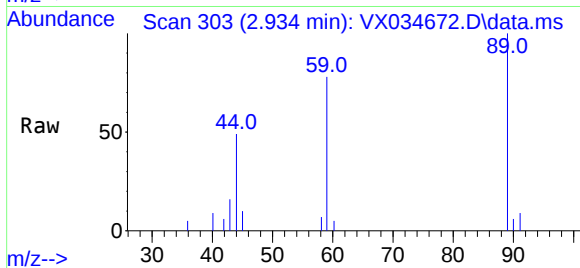
VIBLK

Tgt Ion: 59 Resp: 2259

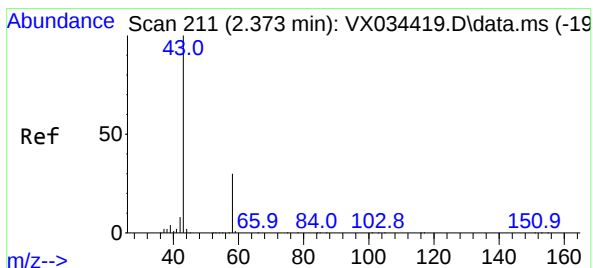
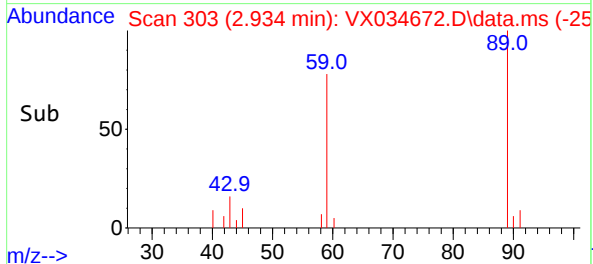
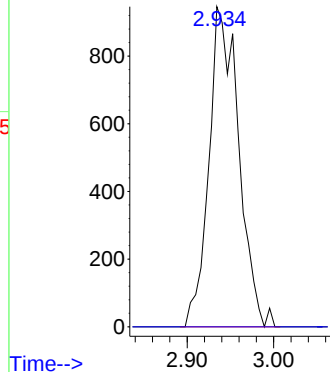
Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



Abundance



#16

Acetone

Concen: 0.515 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.006 min

Lab File: VX034672.D

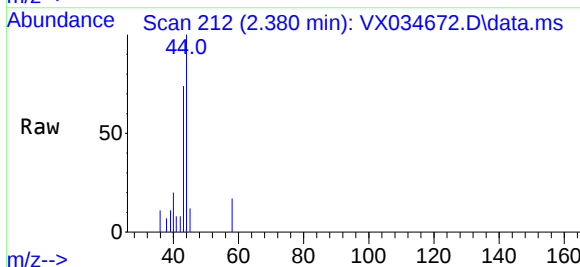
Acq: 22 Mar 2023 15:12

Tgt Ion: 43 Resp: 1037

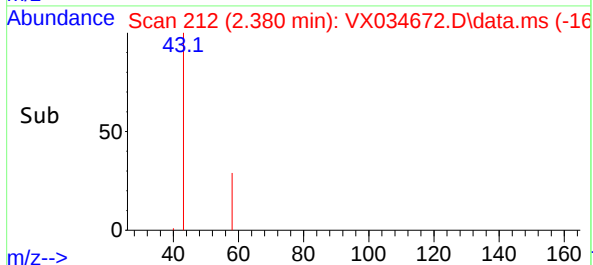
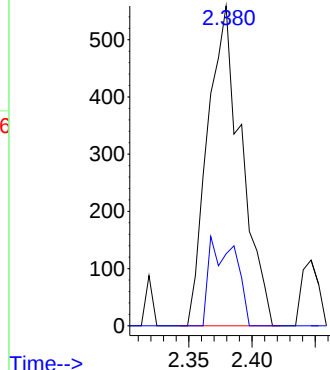
Ion Ratio Lower Upper

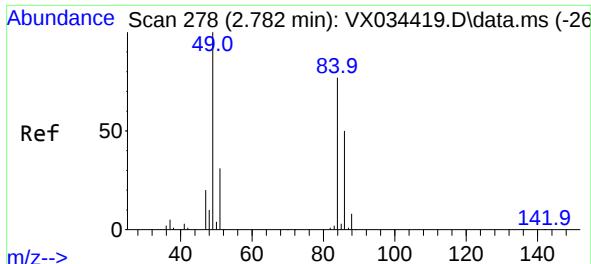
43 100

58 22.5 24.7 37.1#



Abundance



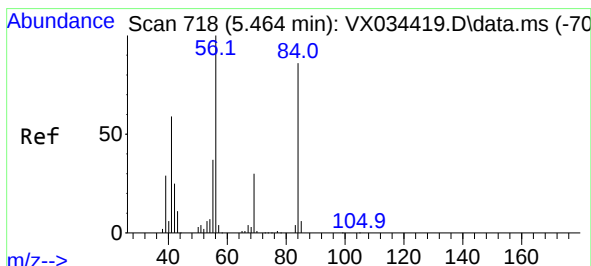
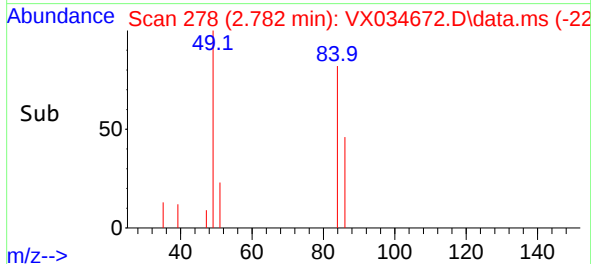
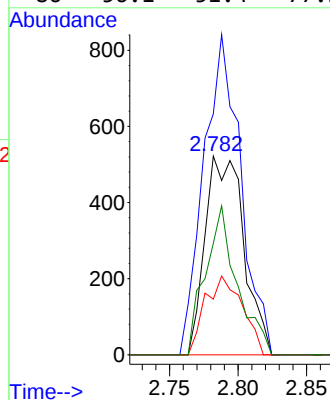
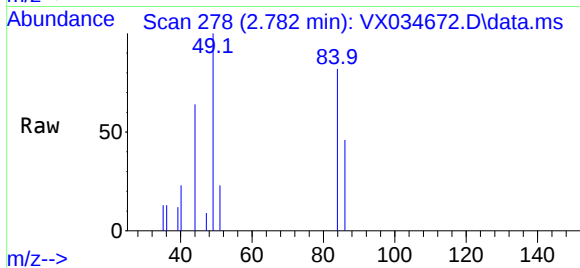


#20
Methylene Chloride
Concen: 0.262 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX034672.D
Acq: 22 Mar 2023 15:12

Instrument :
MSVOA_X
ClientSampleId :
VIBLK

Tgt Ion: 84 Resp: 1023

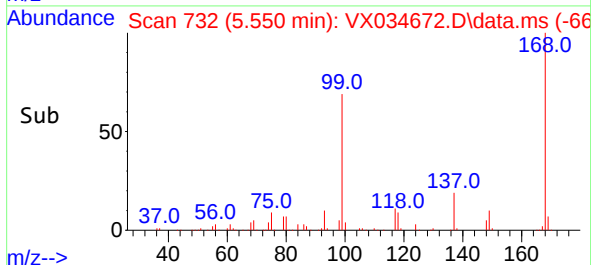
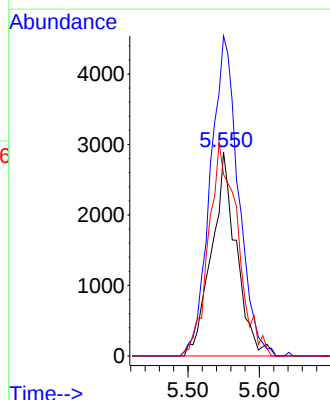
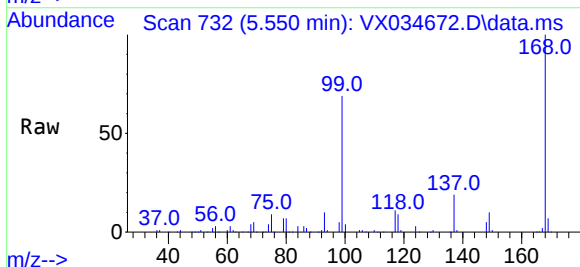
Ion	Ratio	Lower	Upper
84	100		
49	121.3	103.8	155.8
51	28.0	31.8	47.8#
86	56.1	51.4	77.2

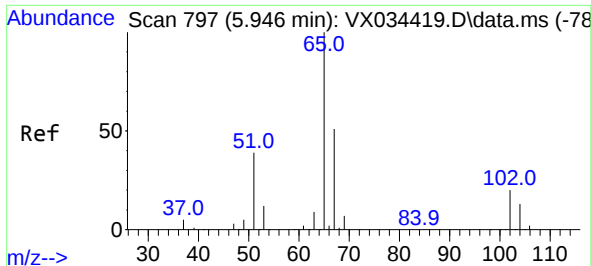


#31
Cyclohexane
Concen: 1.163 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.085 min
Lab File: VX034672.D
Acq: 22 Mar 2023 15:12

Tgt Ion: 56 Resp: 6975

Ion	Ratio	Lower	Upper
56	100		
69	156.8	23.7	35.5#
84	89.0	68.5	102.7





#33

1,2-Dichloroethane-d4

Concen: 58.409 ug/l

RT: 5.958 min Scan# 797

Delta R.T. 0.012 min

Lab File: VX034672.D

Acq: 22 Mar 2023 15:12

Instrument :

MSVOA_X

ClientSampleId :

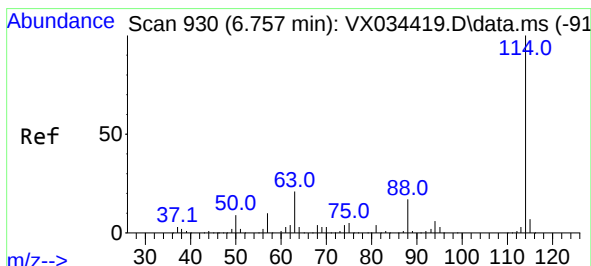
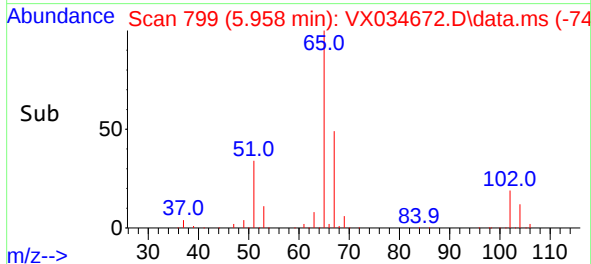
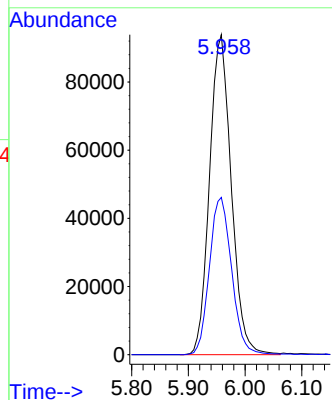
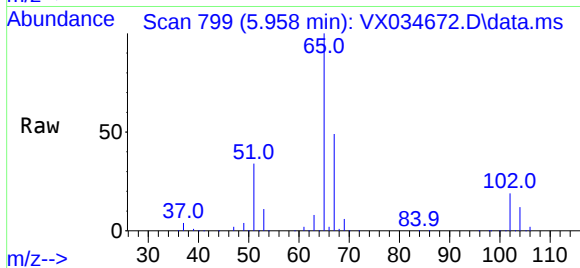
VIBLK

Tgt Ion: 65 Resp: 249878

Ion Ratio Lower Upper

65 100

67 50.4 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX034672.D

Acq: 22 Mar 2023 15:12

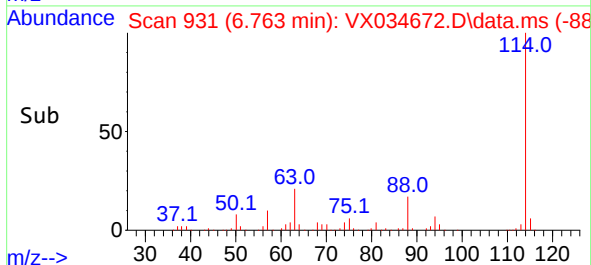
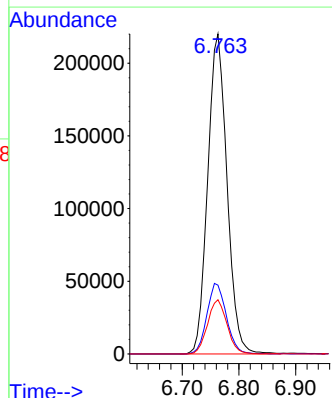
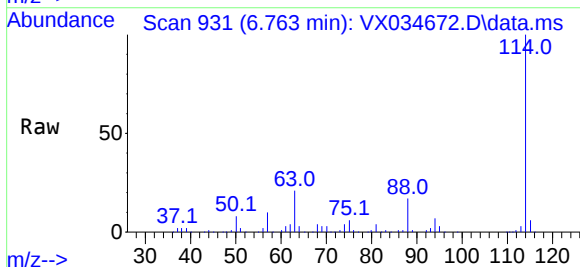
Tgt Ion: 114 Resp: 519980

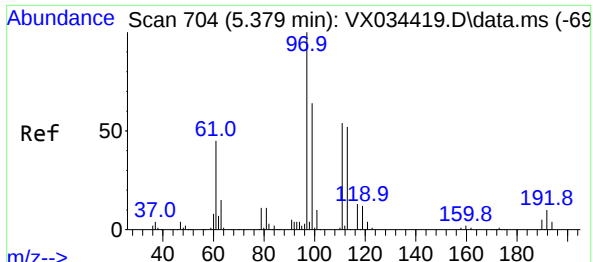
Ion Ratio Lower Upper

114 100

63 21.5 0.0 42.2

88 17.0 0.0 33.2





#35

Dibromofluoromethane

Concen: 49.458 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX034672.D

Acq: 22 Mar 2023 15:12

Instrument :

MSVOA_X

ClientSampleId :

VIBLK

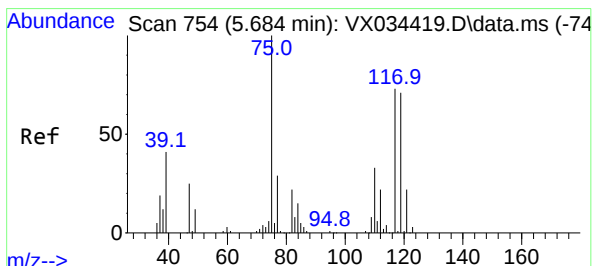
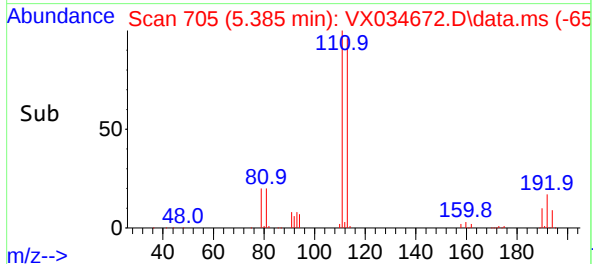
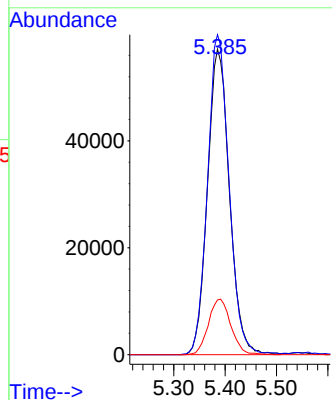
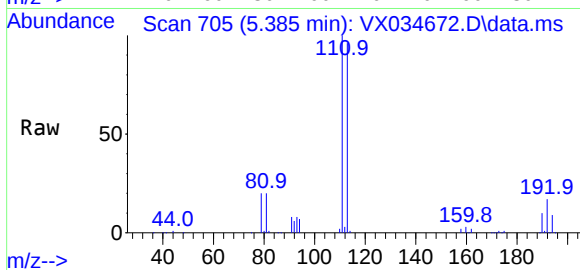
Tgt Ion:113 Resp: 169797

Ion Ratio Lower Upper

113 100

111 102.9 83.7 125.5

192 18.6 15.4 23.2



#36

1,1-Dichloropropene

Concen: 4.670 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.134 min

Lab File: VX034672.D

Acq: 22 Mar 2023 15:12

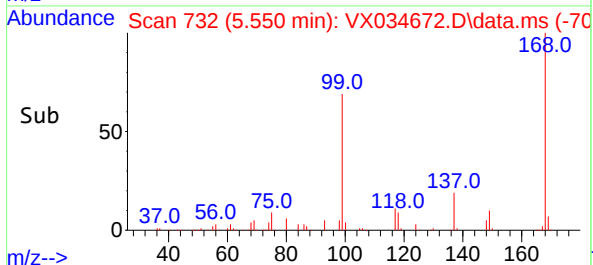
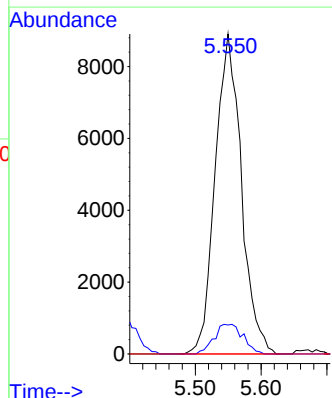
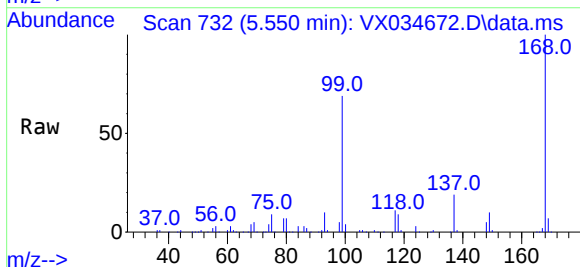
Tgt Ion: 75 Resp: 24623

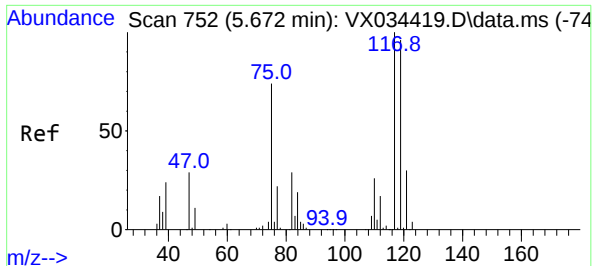
Ion Ratio Lower Upper

75 100

110 10.3 17.5 52.5#

77 0.0 24.3 36.5#

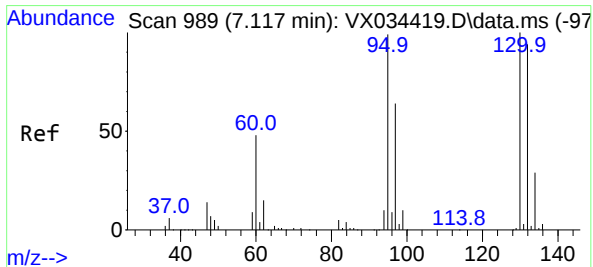
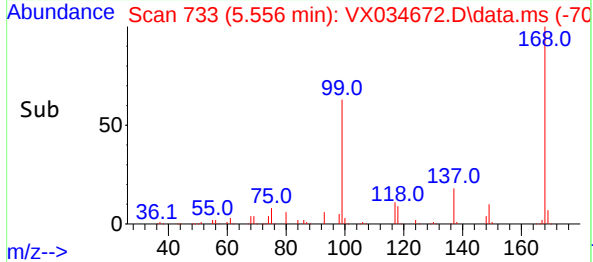
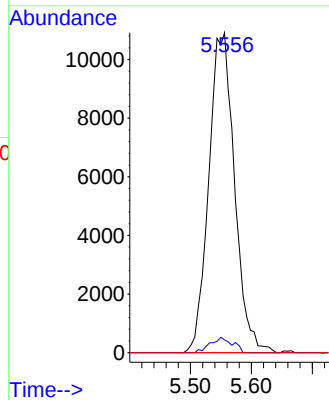
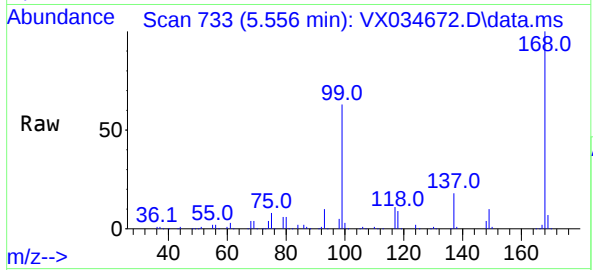




#38
Carbon Tetrachloride
Concen: 6.107 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.116 min
Lab File: VX034672.D
Acq: 22 Mar 2023 15:12

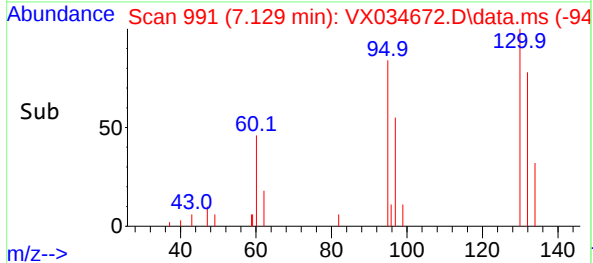
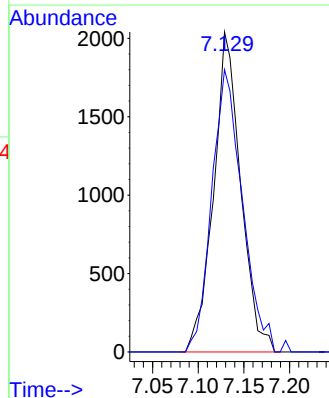
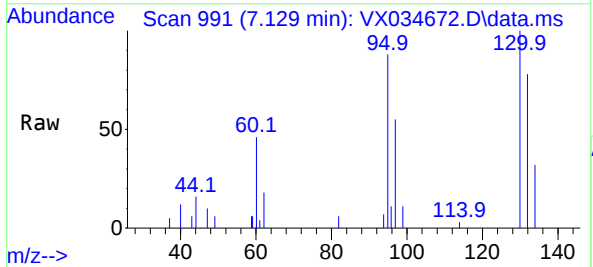
Instrument :
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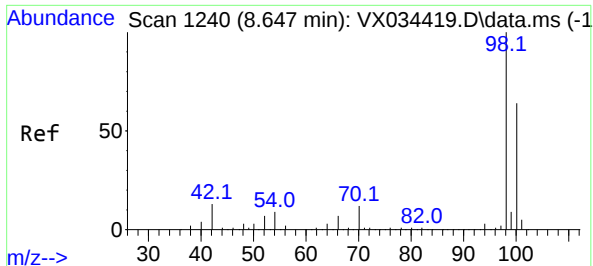
Tgt Ion:117 Resp: 32035
Ion Ratio Lower Upper
117 100
119 4.0 76.6 114.8#
121 0.0 23.8 35.6#



#44
Trichloroethene
Concen: 1.053 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.012 min
Lab File: VX034672.D
Acq: 22 Mar 2023 15:12

Tgt Ion:130 Resp: 4220
Ion Ratio Lower Upper
130 100
95 88.2 0.0 198.4





#50

Toluene-d8

Concen: 48.072 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX034672.D

Acq: 22 Mar 2023 15:12

Instrument :

MSVOA_X

ClientSampleId :

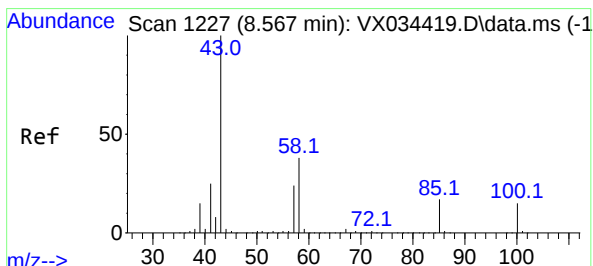
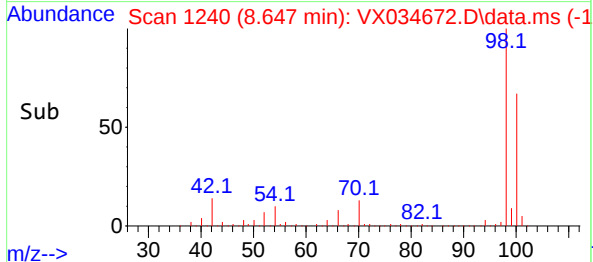
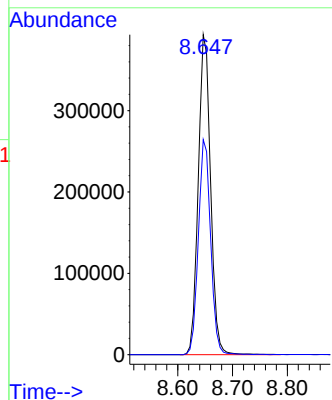
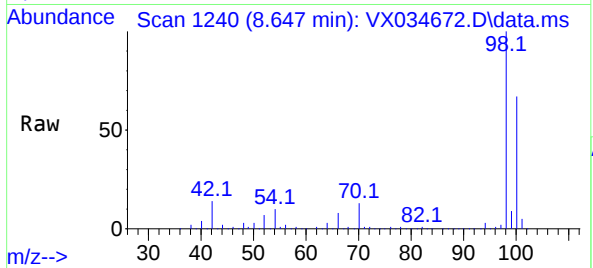
VIBLK

Tgt Ion: 98 Resp: 616103

Ion Ratio Lower Upper

98 100

100 66.8 52.5 78.7



#51

4-Methyl-2-Pentanone

Concen: 0.556 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.085 min

Lab File: VX034672.D

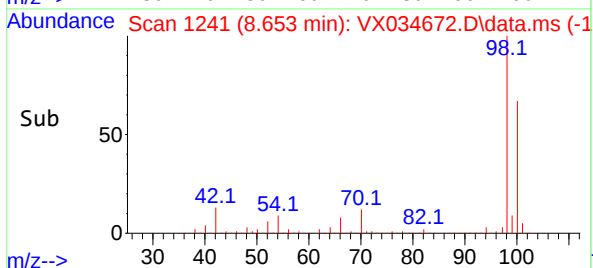
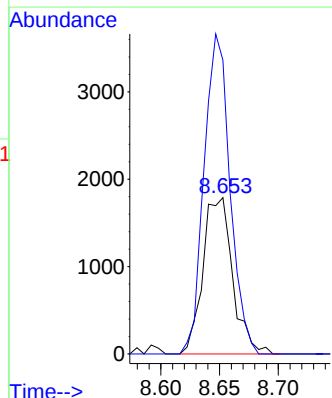
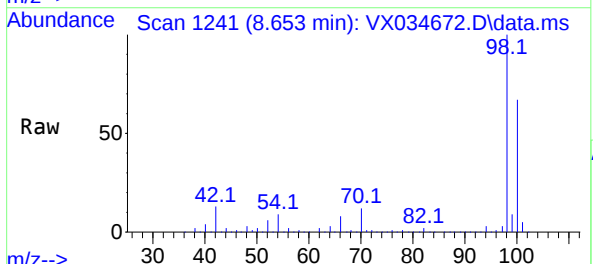
Acq: 22 Mar 2023 15:12

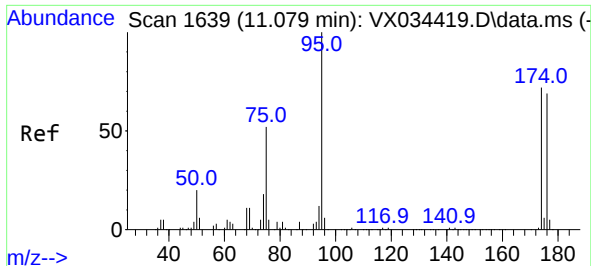
Tgt Ion: 43 Resp: 3147

Ion Ratio Lower Upper

43 100

58 179.2 30.6 46.0#

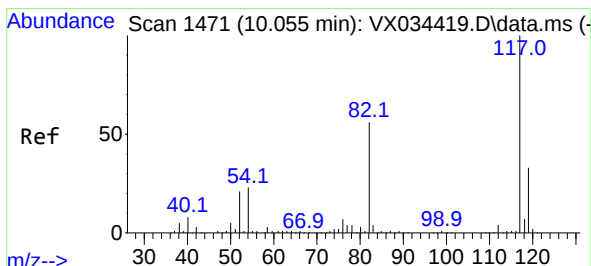
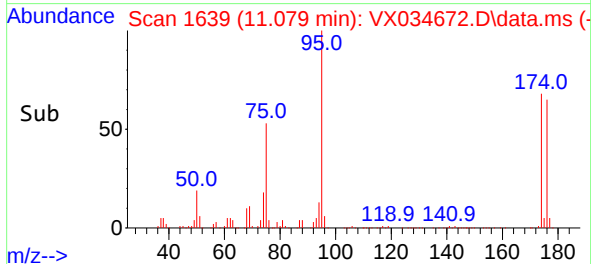
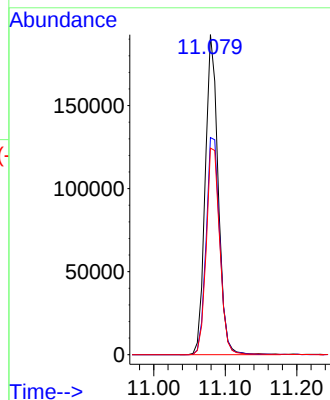
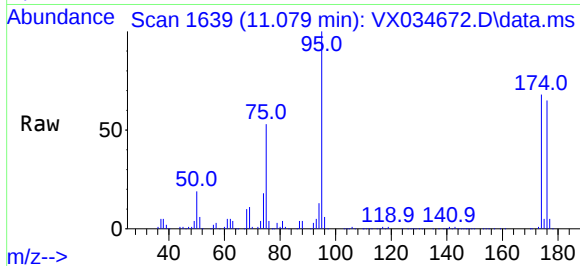




#62
4-Bromofluorobenzene
Concen: 46.797 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034672.D
Acq: 22 Mar 2023 15:12

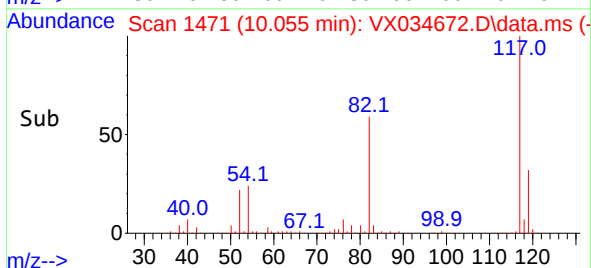
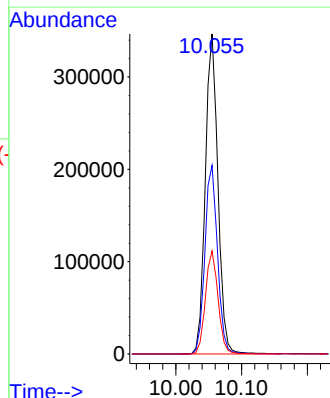
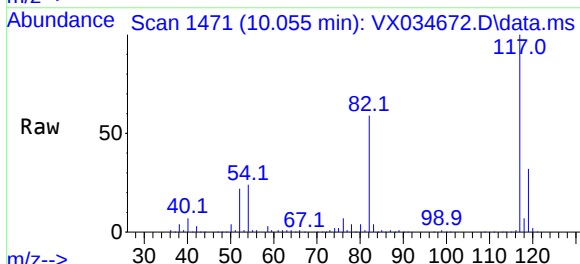
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

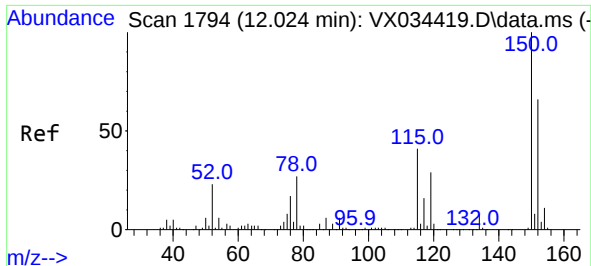
Tgt Ion: 95 Resp: 242256
Ion Ratio Lower Upper
95 100
174 71.6 0.0 147.4
176 67.9 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034672.D
Acq: 22 Mar 2023 15:12

Tgt Ion: 117 Resp: 462373
Ion Ratio Lower Upper
117 100
82 58.9 45.0 67.4
119 32.1 26.0 39.0

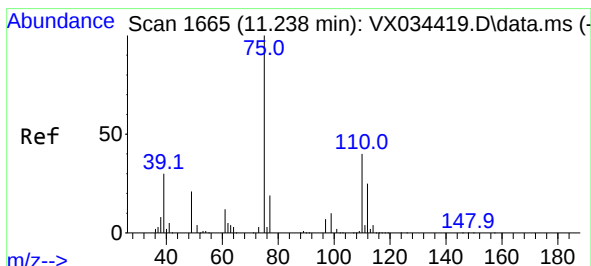
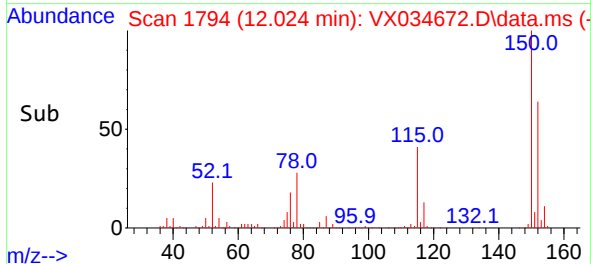
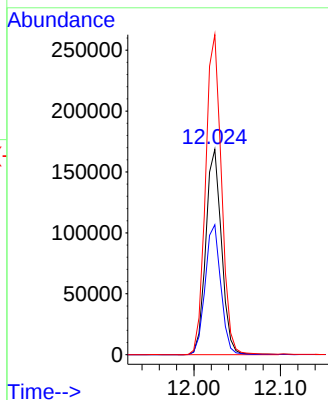
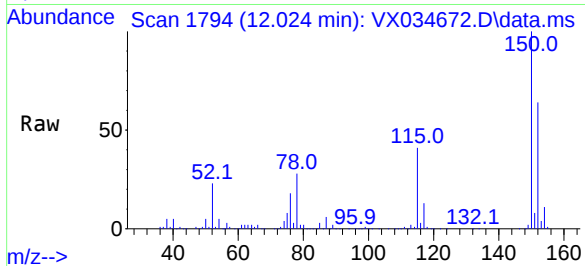




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034672.D
Acq: 22 Mar 2023 15:12

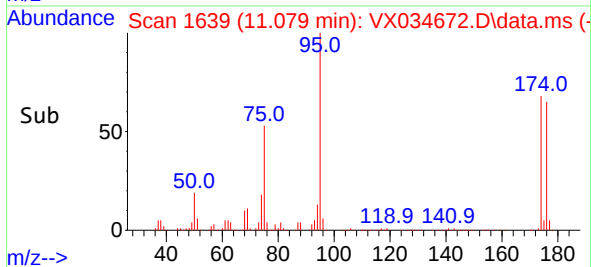
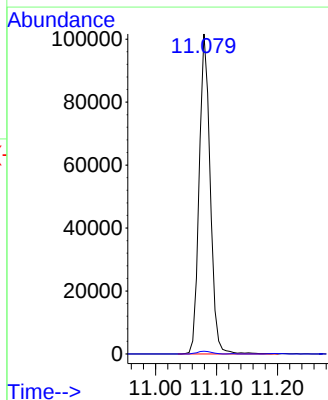
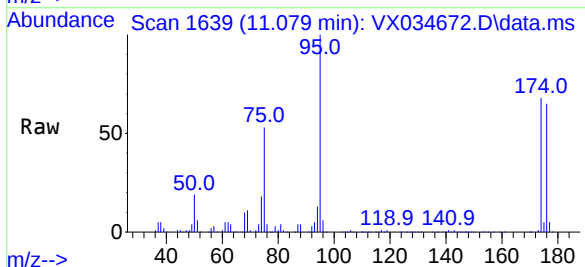
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

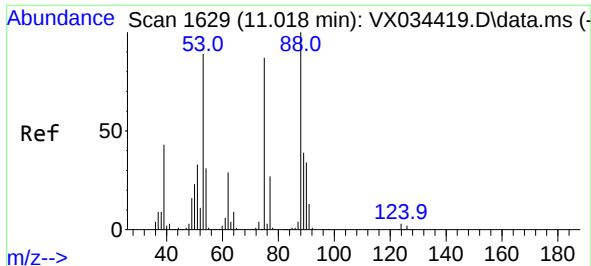
Tgt Ion:152 Resp: 212617
Ion Ratio Lower Upper
152 100
115 63.4 45.0 135.0
150 157.7 0.0 352.4



#76
1,2,3-Trichloropropane
Concen: 26.104 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX034672.D
Acq: 22 Mar 2023 15:12

Tgt Ion: 75 Resp: 127440
Ion Ratio Lower Upper
75 100
77 1.1 21.6 64.8#





#81
trans-1,4-Dichloro-2-butene
Concen: 70.620 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX034672.D
Acq: 22 Mar 2023 15:12

Instrument :
MSVOA_X
ClientSampleId :
VIBLK

Tgt Ion: 75 Resp: 127440
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.1 36.9 55.3#

