

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011624\
 Data File : VX039775.D
 Acq On : 16 Jan 2024 15:32
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jan 17 01:50:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	93453	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	178588	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	181439	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93632	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	74136	47.357	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.720%
35) Dibromofluoromethane	5.385	113	57224	47.573	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.140%
50) Toluene-d8	8.647	98	221967	48.927	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.860%
62) 4-Bromofluorobenzene	11.079	95	96927	54.636	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.280%

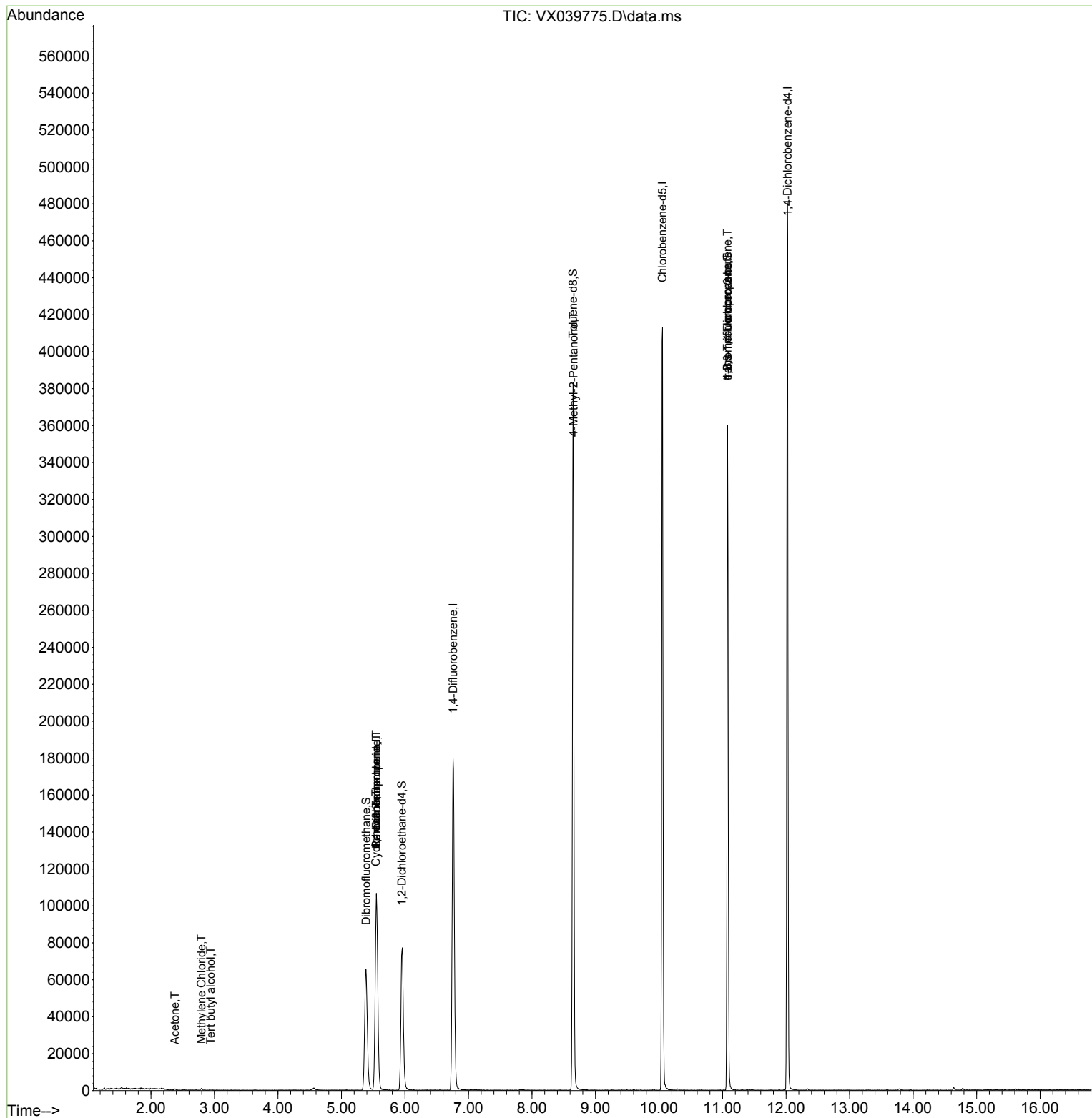
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.940	59	400	0.982	ug/l	# 78
13) Acrolein	2.239	56	20	Below Cal		# 14
16) Acetone	2.379	43	698	0.793	ug/l	92
20) Methylene Chloride	2.794	84	360	0.270	ug/l	# 81
31) Cyclohexane	5.544	56	2575	1.246	ug/l	# 34
36) 1,1-Dichloropropene	5.550	75	8683	4.638	ug/l	# 50
38) Carbon Tetrachloride	5.550	117	10526	6.138	ug/l	# 15
51) 4-Methyl-2-Pentanone	8.653	43	1261	0.500	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	51519	21.223	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	51519	61.834	ug/l	# 5

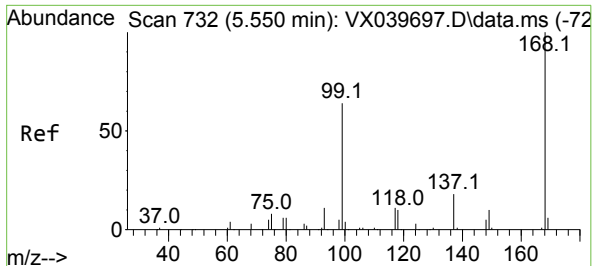
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011624\
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MSVOA_X
ClientSampleId :
IBLK

Quant Time: Jan 17 01:50:32 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 11 03:51:26 2024
Response via : Initial Calibration

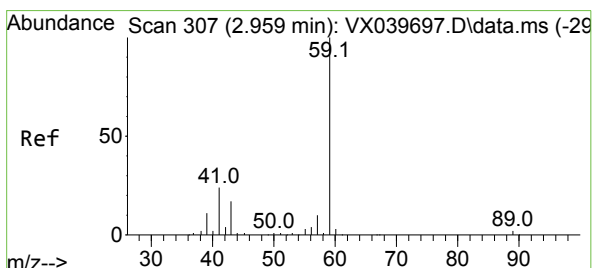
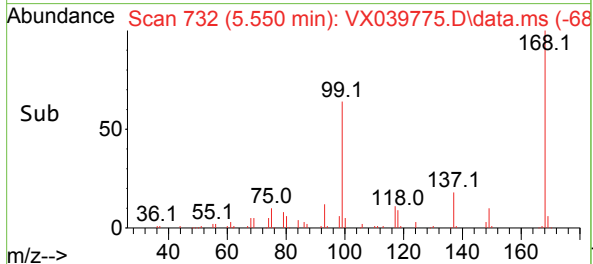
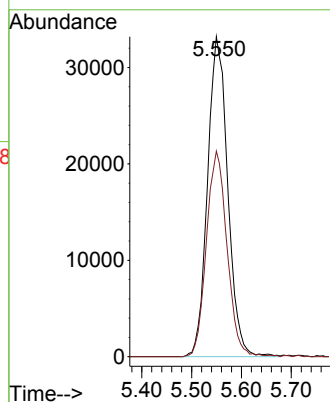
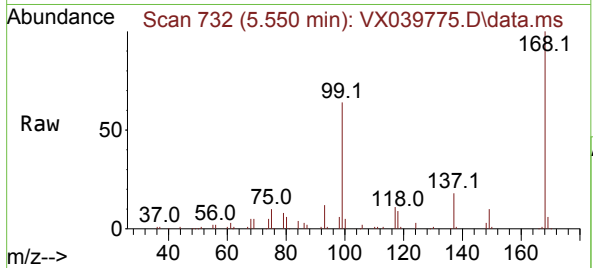




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039775.D
Acq: 16 Jan 2024 15:32

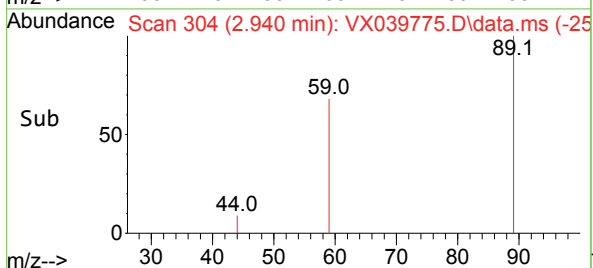
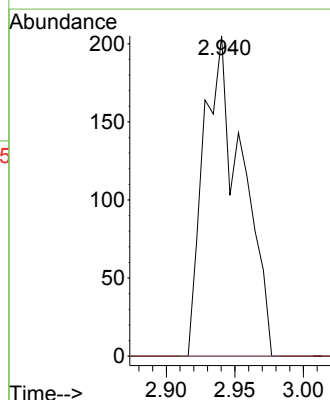
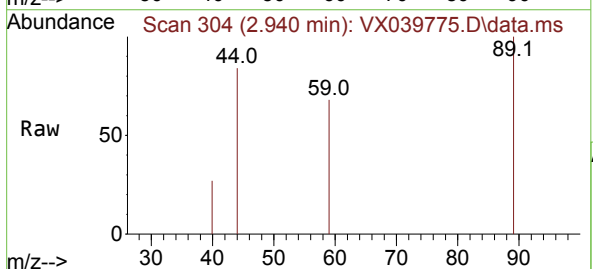
Instrument :
MSVOA_X
ClientSampleId :
IBLK

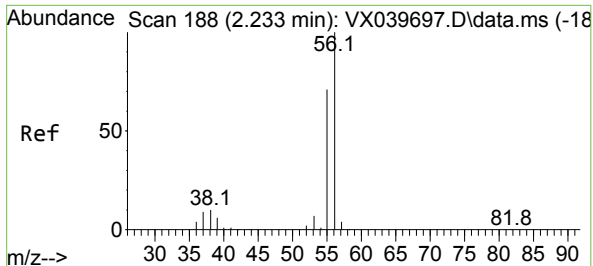
Tgt Ion:168 Resp: 93453
Ion Ratio Lower Upper
168 100
99 64.2 56.6 85.0



#11
Tert butyl alcohol
Concen: 0.982 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.018 min
Lab File: VX039775.D
Acq: 16 Jan 2024 15:32

Tgt Ion: 59 Resp: 400
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

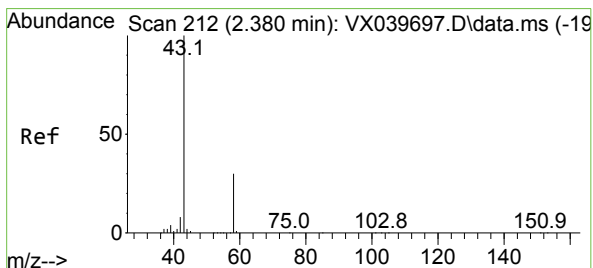
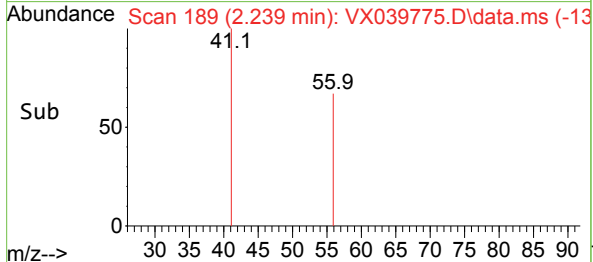
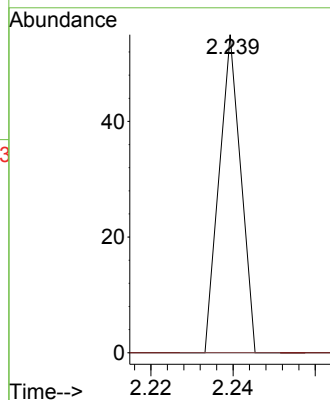
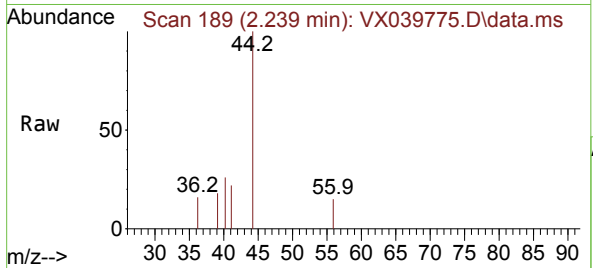




#13
Acrolein
Concen: Below Cal
RT: 2.239 min Scan# 188
Delta R.T. 0.006 min
Lab File: VX039775.D
Acq: 16 Jan 2024 15:32

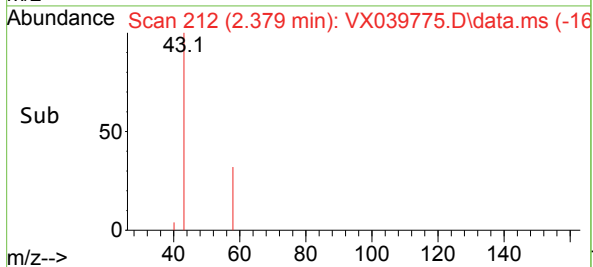
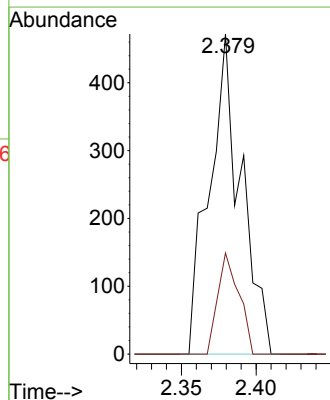
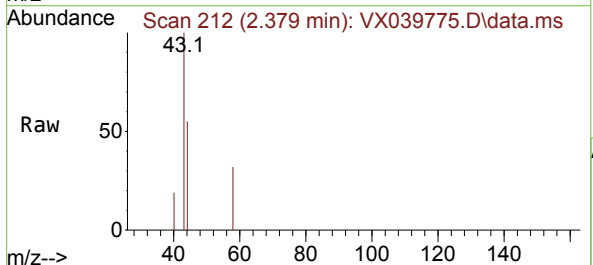
Instrument :
MSVOA_X
ClientSampleId :
IBLK

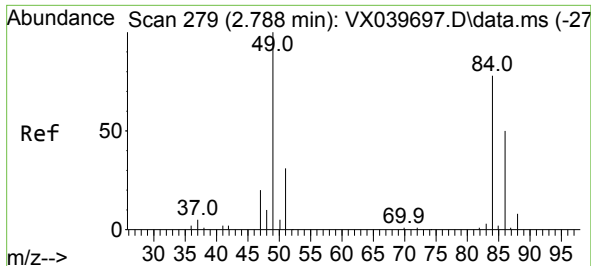
Tgt Ion: 56 Resp: 20
Ion Ratio Lower Upper
56 100
55 0.0 57.1 85.7#



#16
Acetone
Concen: 0.793 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX039775.D
Acq: 16 Jan 2024 15:32

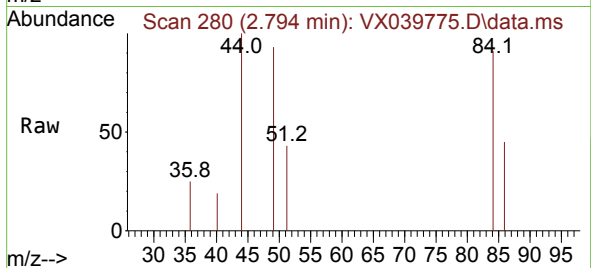
Tgt Ion: 43 Resp: 698
Ion Ratio Lower Upper
43 100
58 31.6 21.9 32.9



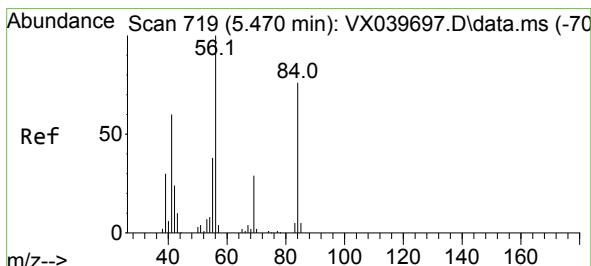
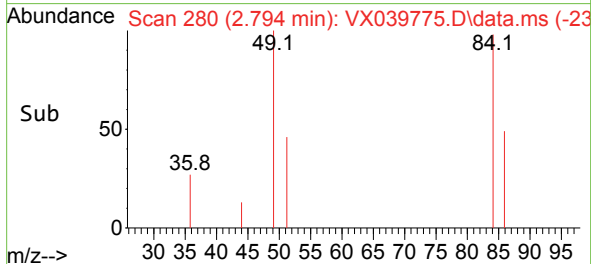
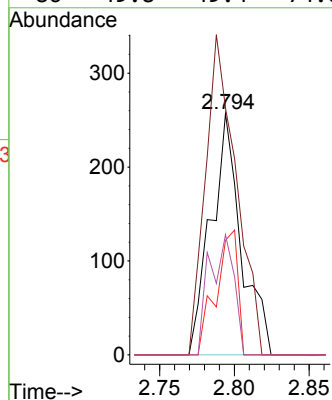


#20
Methylene Chloride
Concen: 0.270 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX039775.D
Acq: 16 Jan 2024 15:32

Instrument :
MSVOA_X
ClientSampleId :
IBLK

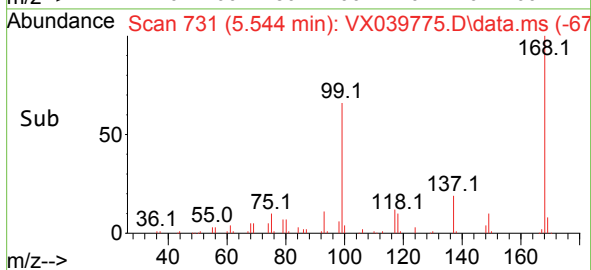
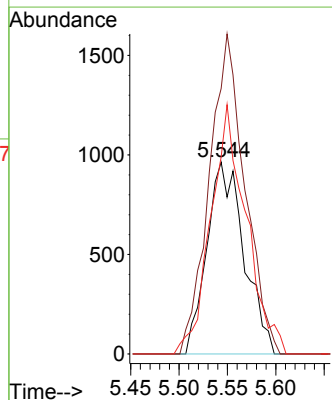
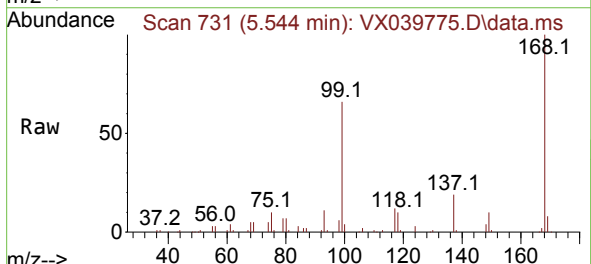


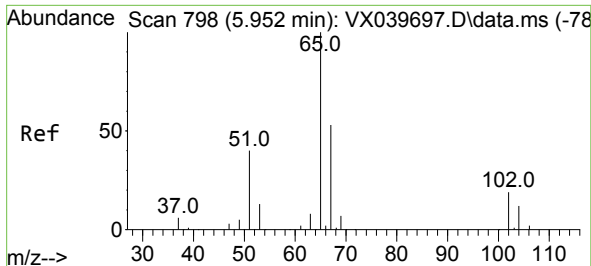
Tgt Ion: 84 Resp: 360
Ion Ratio Lower Upper
84 100
49 102.3 103.6 155.4#
51 47.5 33.8 50.6
86 49.8 49.4 74.0



#31
Cyclohexane
Concen: 1.246 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX039775.D
Acq: 16 Jan 2024 15:32

Tgt Ion: 56 Resp: 2575
Ion Ratio Lower Upper
56 100
69 138.5 23.4 35.2#
84 97.6 65.9 98.9





#33

1,2-Dichloroethane-d4

Concen: 47.357 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX039775.D

Acq: 16 Jan 2024 15:32

Instrument :

MSVOA_X

ClientSampleId :

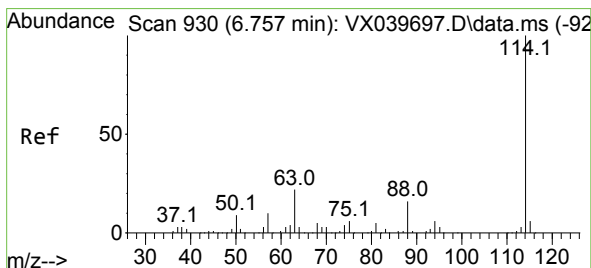
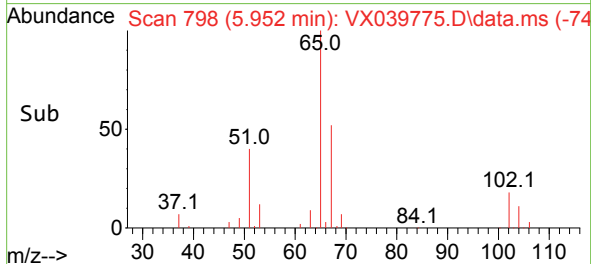
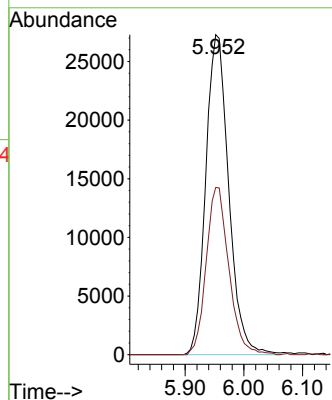
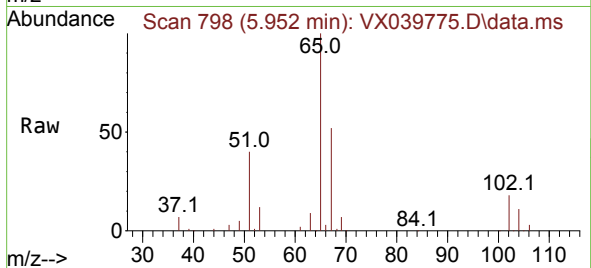
IBLK

Tgt Ion: 65 Resp: 74136

Ion Ratio Lower Upper

65 100

67 51.7 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX039775.D

Acq: 16 Jan 2024 15:32

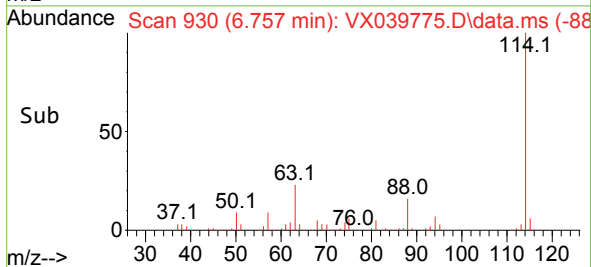
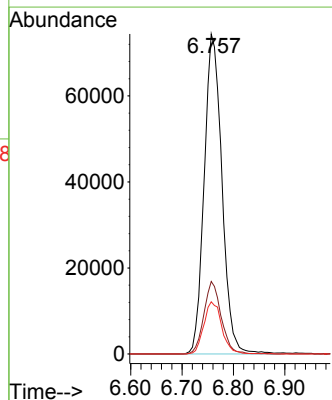
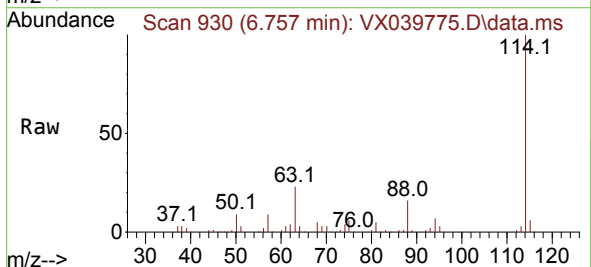
Tgt Ion: 114 Resp: 178588

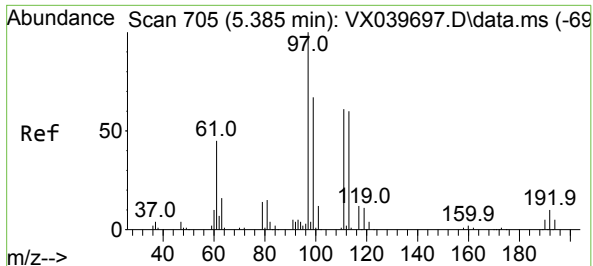
Ion Ratio Lower Upper

114 100

63 22.7 0.0 45.0

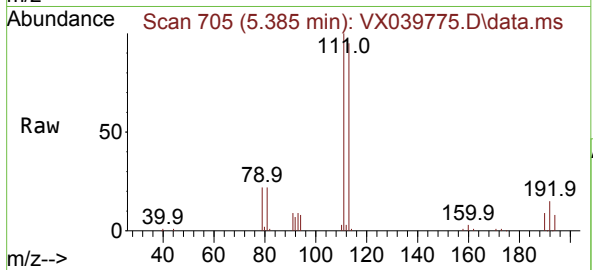
88 16.3 0.0 36.6



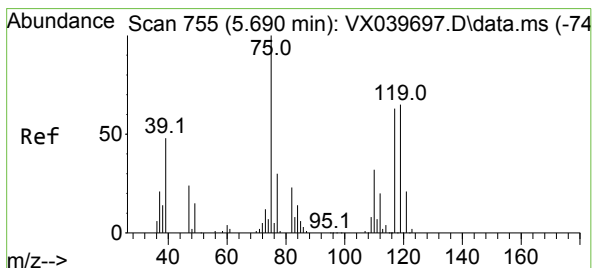
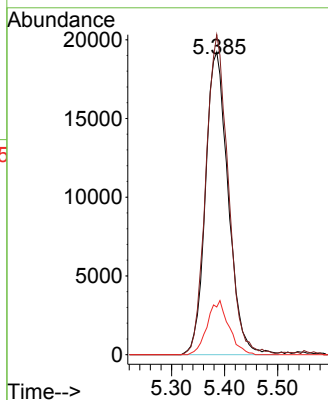
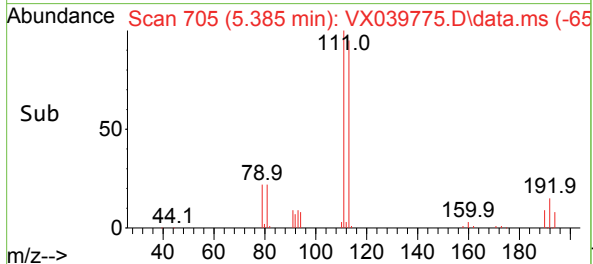


#35
Dibromofluoromethane
Concen: 47.573 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX039775.D
Acq: 16 Jan 2024 15:32

Instrument :
MSVOA_X
ClientSampleId :
IBLK

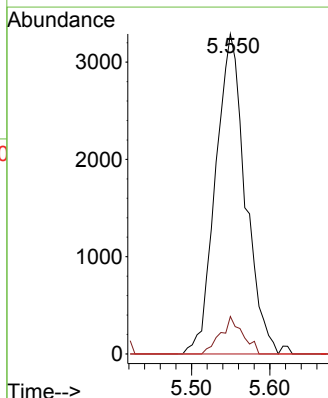
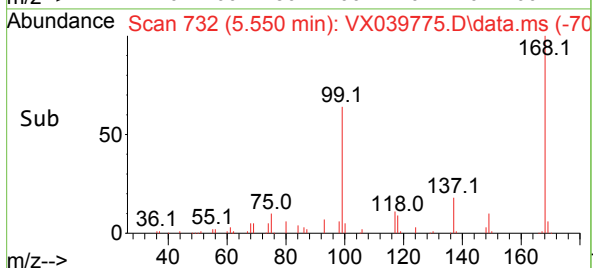
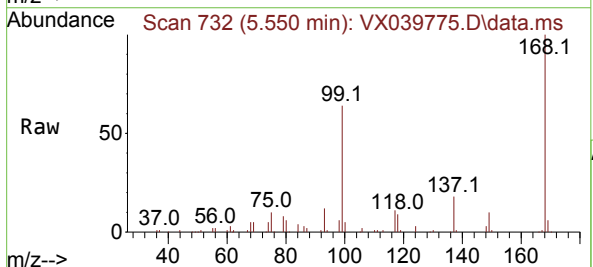


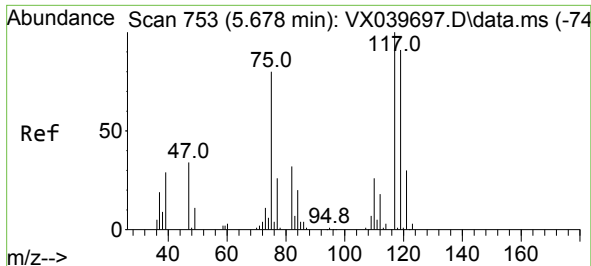
Tgt Ion:113 Resp: 57224
Ion Ratio Lower Upper
113 100
111 104.3 82.9 124.3
192 17.0 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.638 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX039775.D
Acq: 16 Jan 2024 15:32

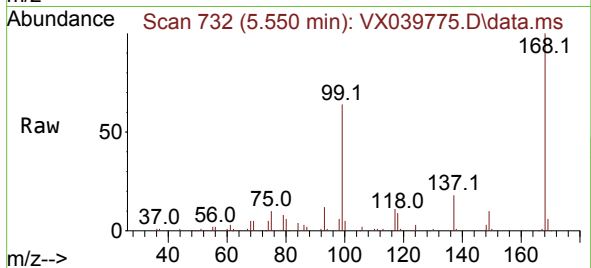
Tgt Ion: 75 Resp: 8683
Ion Ratio Lower Upper
75 100
110 8.7 17.0 50.9#
77 0.0 24.7 37.1#



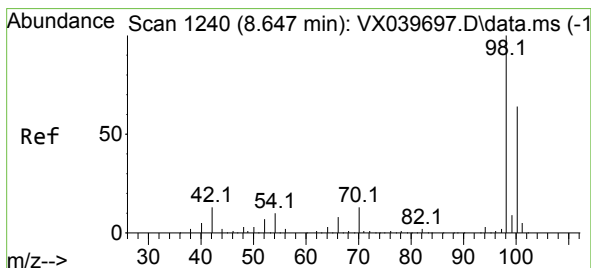
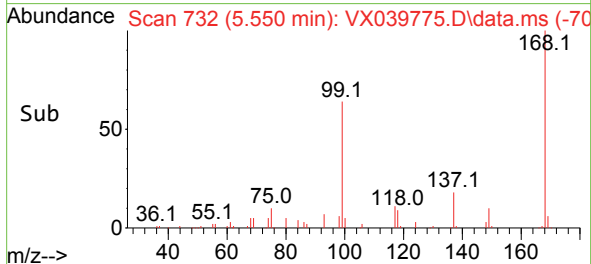
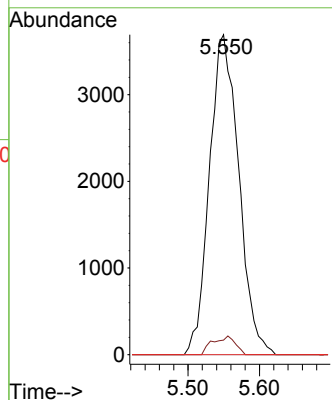


#38
Carbon Tetrachloride
Concen: 6.138 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX039775.D
Acq: 16 Jan 2024 15:32

Instrument :
MSVOA_X
ClientSampleId :
IBLK

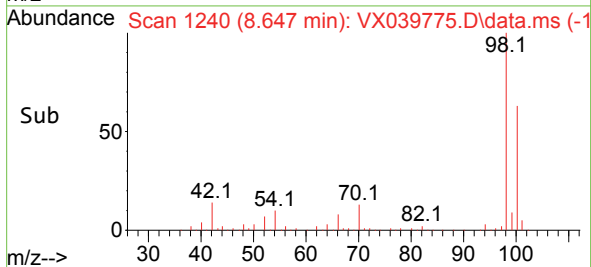
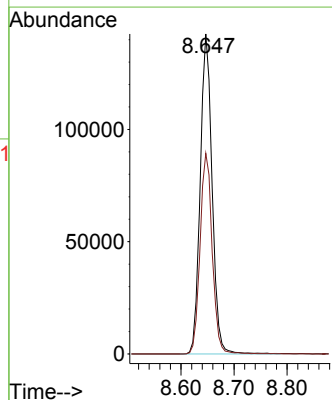
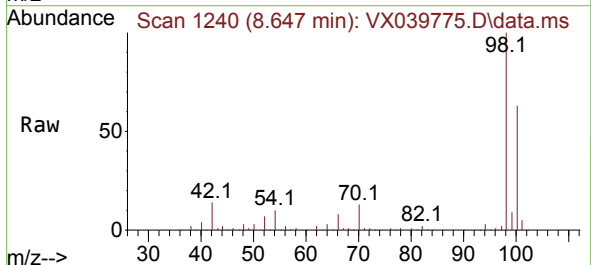


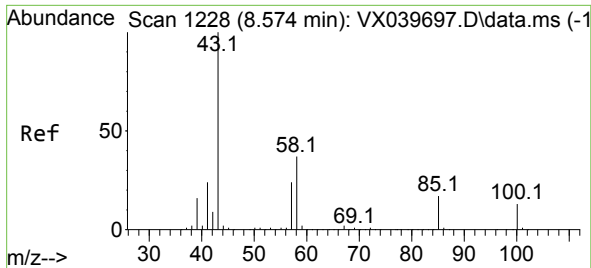
Tgt Ion:117 Resp: 10526
Ion Ratio Lower Upper
117 100
119 4.6 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 48.927 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX039775.D
Acq: 16 Jan 2024 15:32

Tgt Ion: 98 Resp: 221967
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7

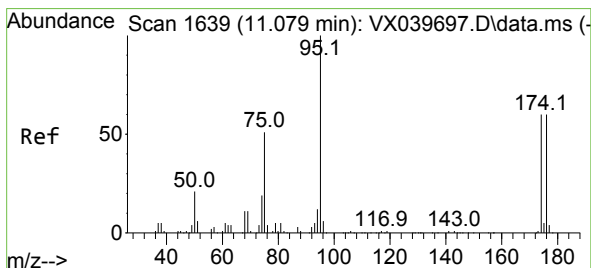
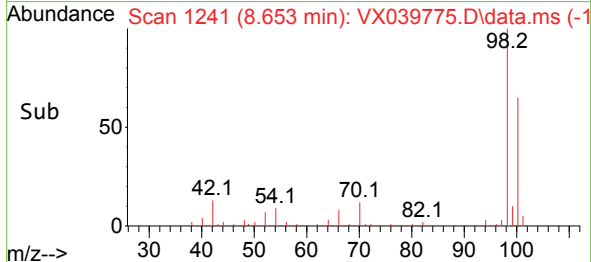
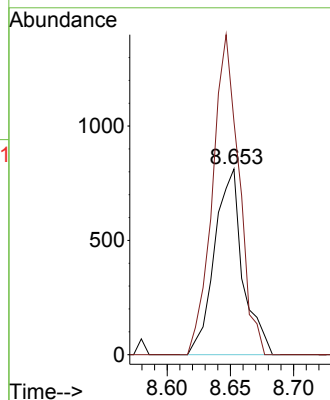
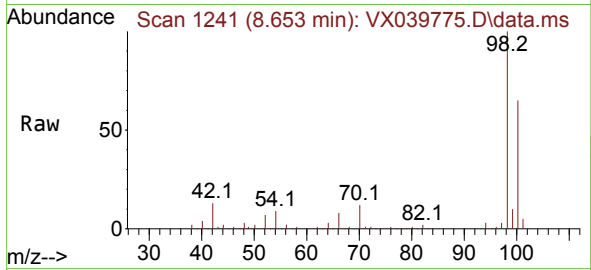




#51
4-Methyl-2-Pentanone
Concen: 0.500 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX039775.D
Acq: 16 Jan 2024 15:32

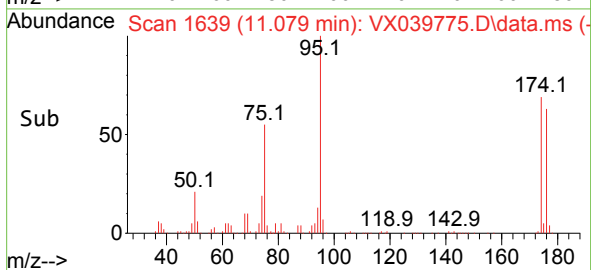
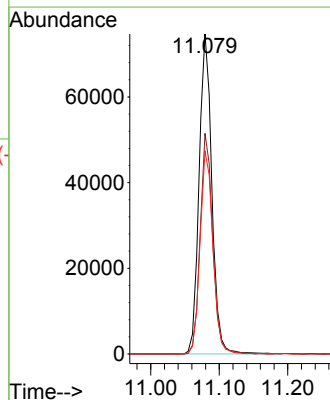
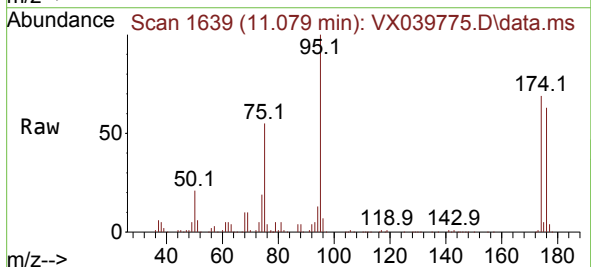
Instrument :
MSVOA_X
ClientSampleId :
IBLK

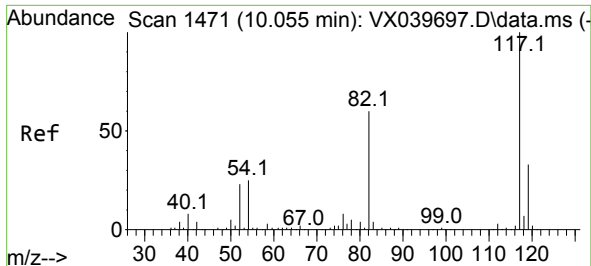
Tgt Ion: 43 Resp: 1261
Ion Ratio Lower Upper
43 100
58 161.9 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 54.636 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX039775.D
Acq: 16 Jan 2024 15:32

Tgt Ion: 95 Resp: 96927
Ion Ratio Lower Upper
95 100
174 67.6 0.0 135.6
176 63.7 0.0 131.0

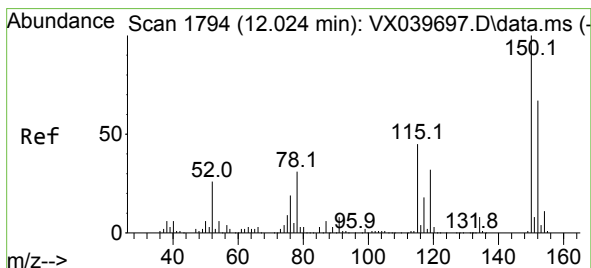
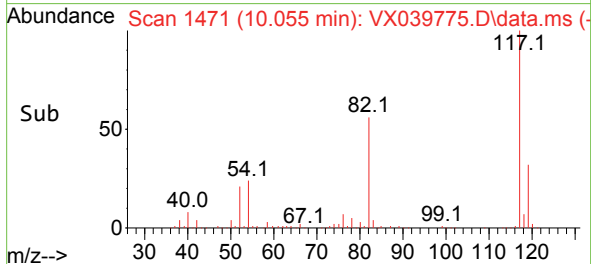
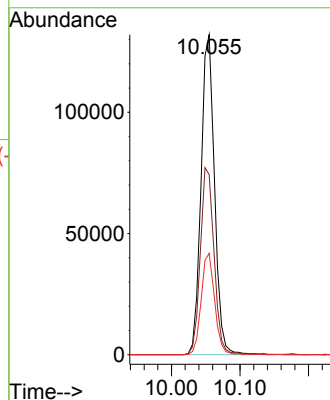
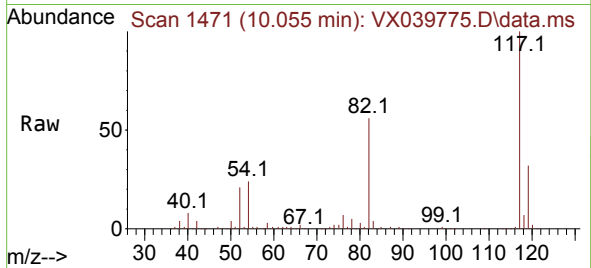




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX039775.D
Acq: 16 Jan 2024 15:32

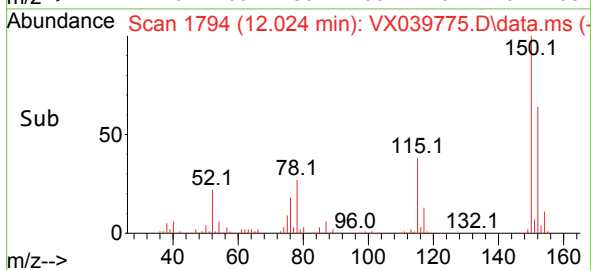
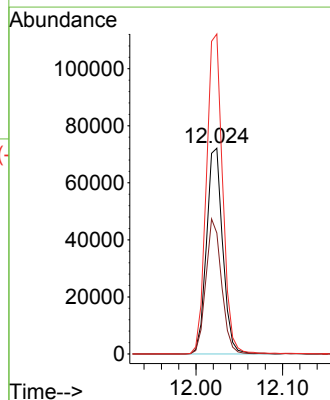
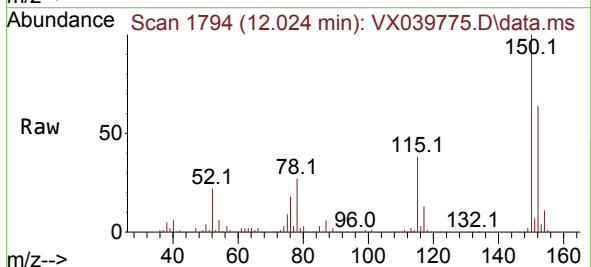
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MSVOA_X
ClientSampleId :
IBLK

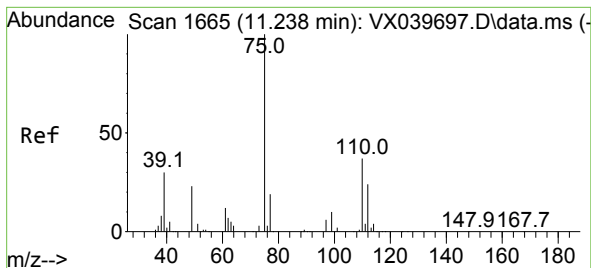
Tgt Ion:117 Resp: 181439
Ion Ratio Lower Upper
117 100
82 56.3 46.2 69.4
119 31.7 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX039775.D
Acq: 16 Jan 2024 15:32

Tgt Ion:152 Resp: 93632
Ion Ratio Lower Upper
152 100
115 63.4 43.3 129.9
150 156.1 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 21.223 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX039775.D

Acq: 16 Jan 2024 15:32

Instrument :

MSVOA_X

ClientSampleId :

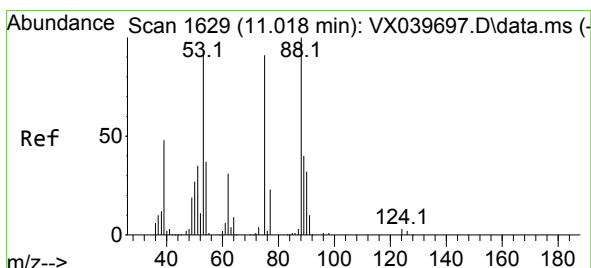
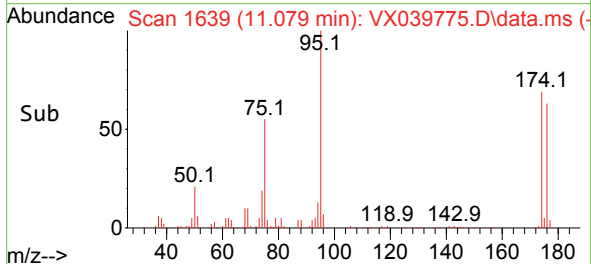
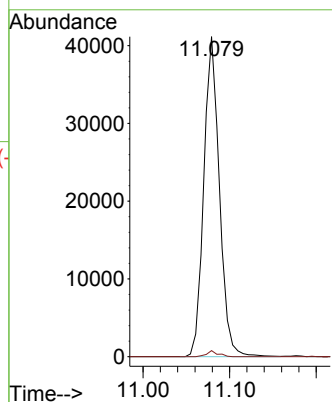
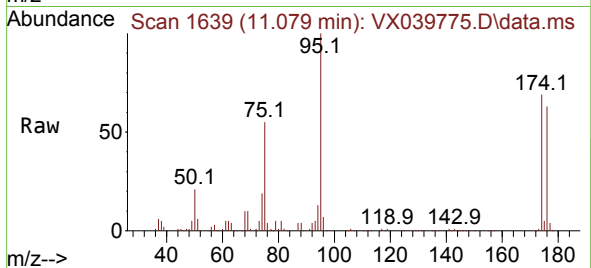
IBLK

Tgt Ion: 75 Resp: 51519

Ion Ratio Lower Upper

75 100

77 1.4 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 61.834 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX039775.D

Acq: 16 Jan 2024 15:32

Tgt Ion: 75 Resp: 51519

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.1 36.9 55.3#

