

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040224\
 Data File : VX040858.D
 Acq On : 02 Apr 2024 12:51
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Apr 03 01:01:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040124W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 02 05:40:55 2024
 Response via : Initial Calibration

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

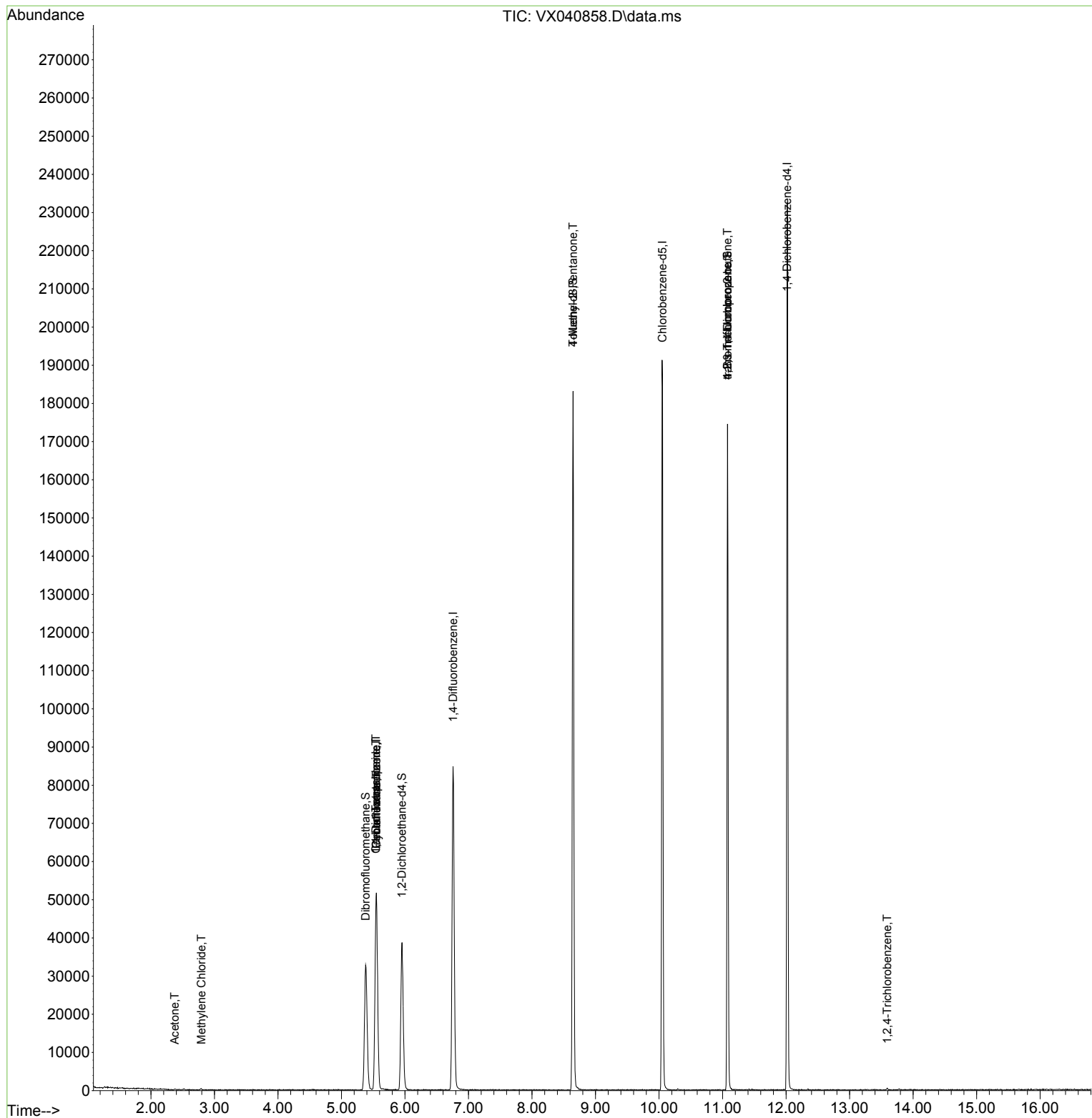
Internal Standards						
1) Pentafluorobenzene	5.550	168	45685	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	81869	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	81095	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	42506	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	39367	48.025	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.060%
35) Dibromofluoromethane	5.379	113	27545	47.501	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.000%
50) Toluene-d8	8.647	98	103546	49.416	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.840%
62) 4-Bromofluorobenzene	11.079	95	43311	51.759	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.520%
Target Compounds						
					Qvalue	
16) Acetone	2.373	43	171	0.537	ug/l #	47
20) Methylene Chloride	2.794	84	202	0.342	ug/l #	48
31) Cyclohexane	5.550	56	1320	1.518	ug/l #	25
36) 1,1-Dichloropropene	5.544	75	4311	5.232	ug/l #	48
38) Carbon Tetrachloride	5.544	117	5106	5.598	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	522	0.504	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	25007	27.589	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	25007	74.437	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	215	0.225	ug/l	83

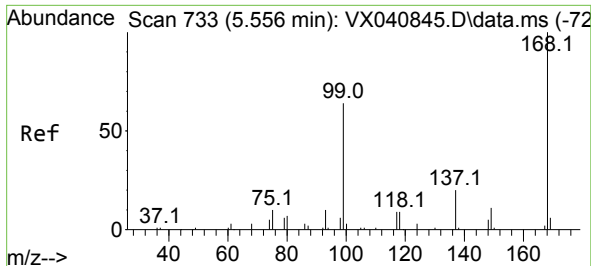
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040124W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 02 05:40:55 2024
Response via : Initial Calibration

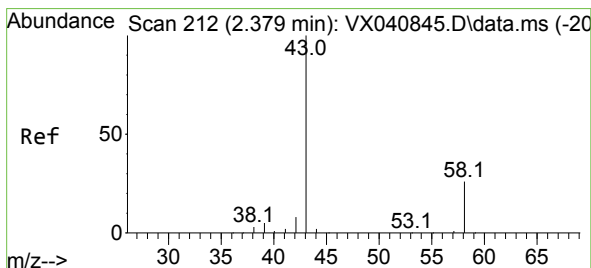
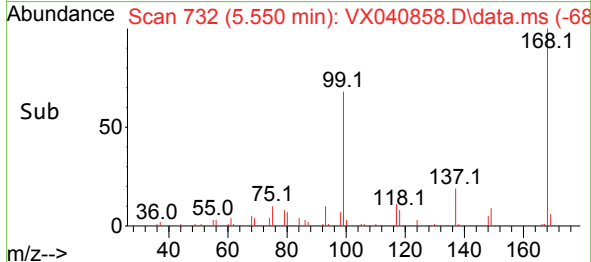
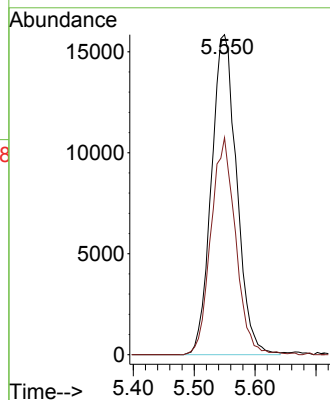
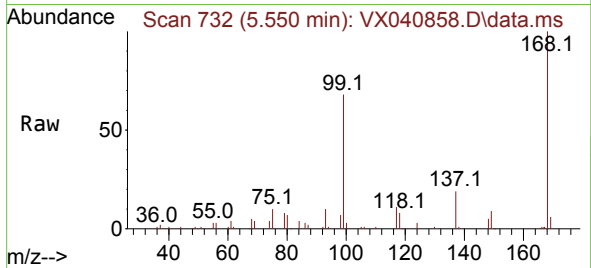




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX040858.D
Acq: 02 Apr 2024 12:51

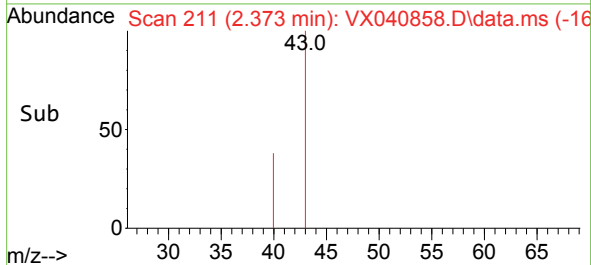
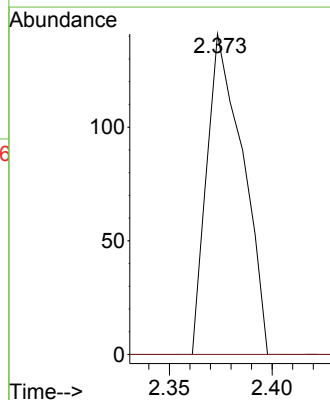
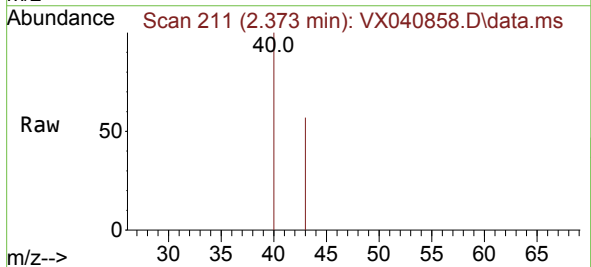
Instrument :
MSVOA_X
ClientSampleId :
IBLK

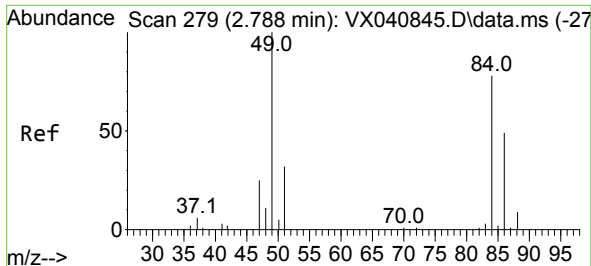
Tgt Ion:168 Resp: 45685
Ion Ratio Lower Upper
168 100
99 67.8 56.6 85.0



#16
Acetone
Concen: 0.537 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX040858.D
Acq: 02 Apr 2024 12:51

Tgt Ion: 43 Resp: 171
Ion Ratio Lower Upper
43 100
58 0.0 21.9 32.9#

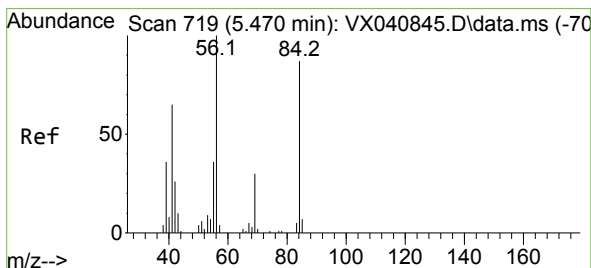
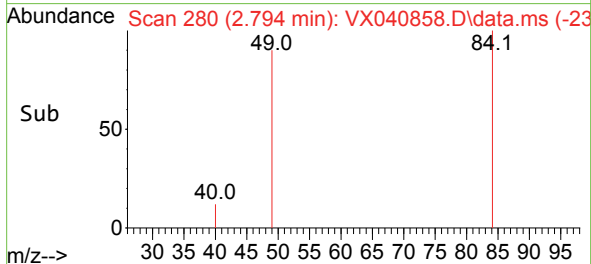
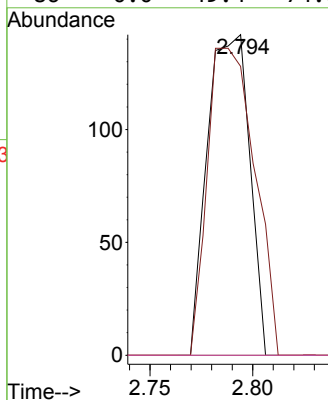
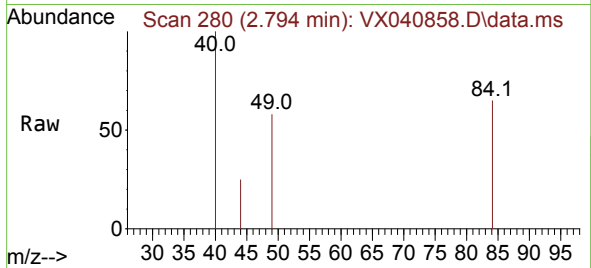




#20
Methylene Chloride
Concen: 0.342 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX040858.D
Acq: 02 Apr 2024 12:51

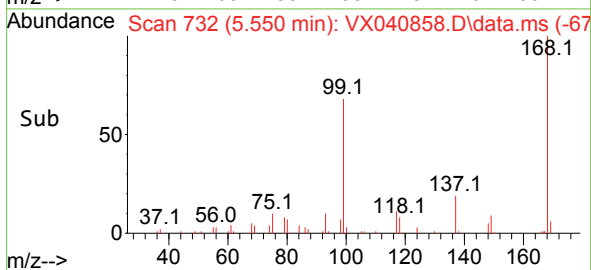
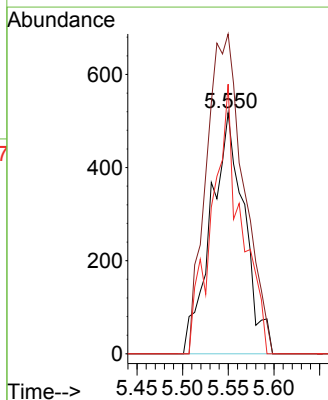
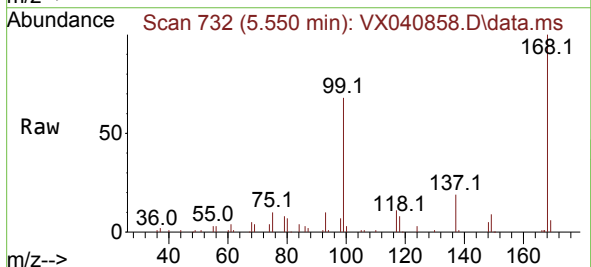
Instrument :
MSVOA_X
ClientSampleId :
IBLK

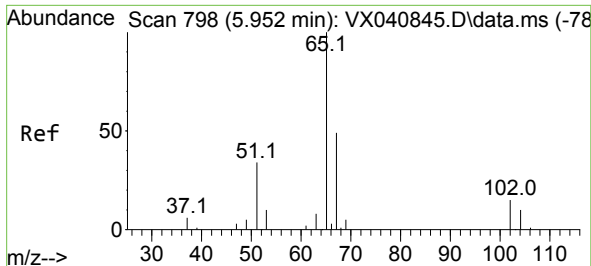
Tgt Ion: 84	Resp: 202
Ion Ratio	Lower Upper
84 100	
49 90.1	103.6 155.4#
51 0.0	33.8 50.6#
86 0.0	49.4 74.0#



#31
Cyclohexane
Concen: 1.518 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX040858.D
Acq: 02 Apr 2024 12:51

Tgt Ion: 56	Resp:	1320	
Ion	Ratio	Lower	Upper
56	100		
69	132.6	23.4	35.2#
84	111.8	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 48.025 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX040858.D

Acq: 02 Apr 2024 12:51

Instrument :

MSVOA_X

ClientSampleId :

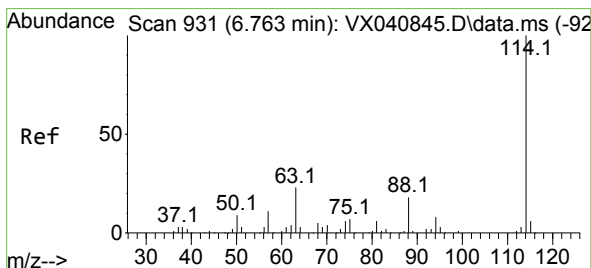
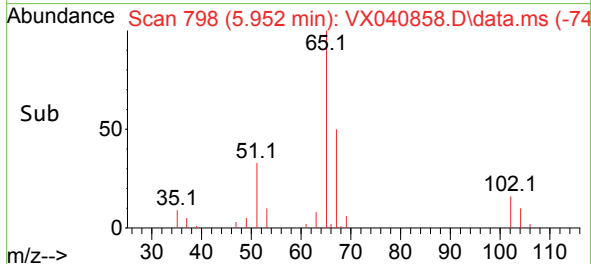
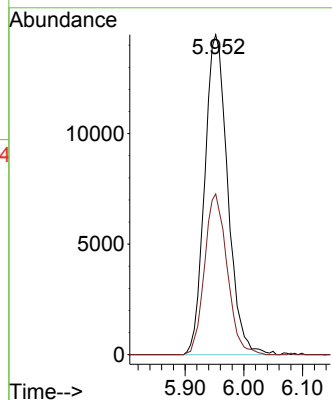
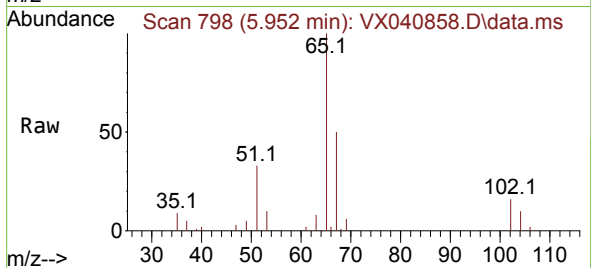
IBLK

Tgt Ion: 65 Resp: 39367

Ion Ratio Lower Upper

65 100

67 49.3 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX040858.D

Acq: 02 Apr 2024 12:51

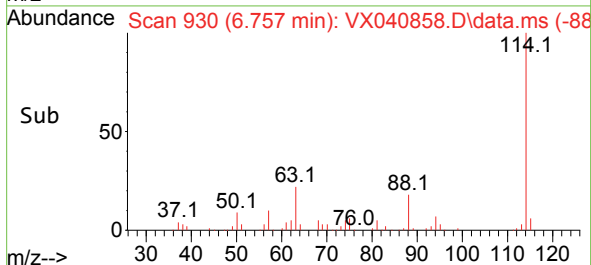
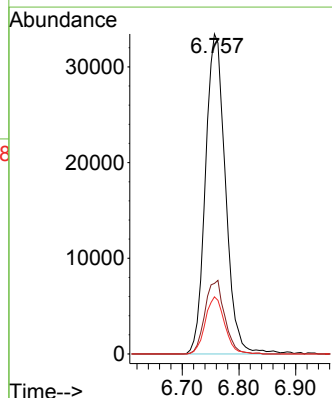
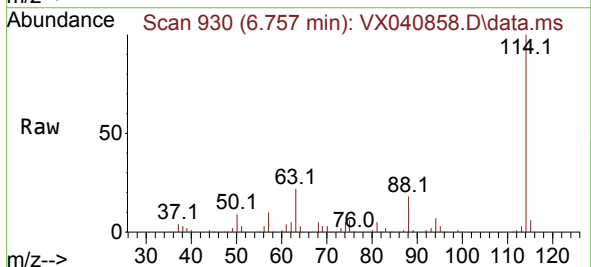
Tgt Ion: 114 Resp: 81869

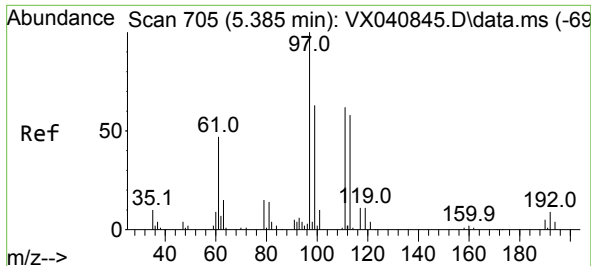
Ion Ratio Lower Upper

114 100

63 22.1 0.0 45.0

88 17.9 0.0 36.6

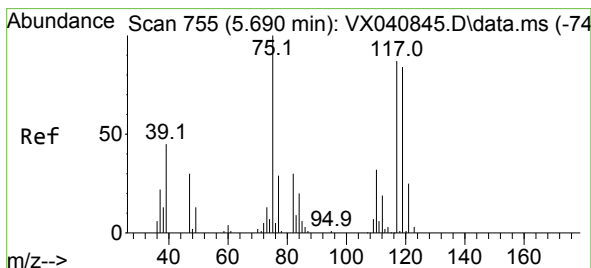
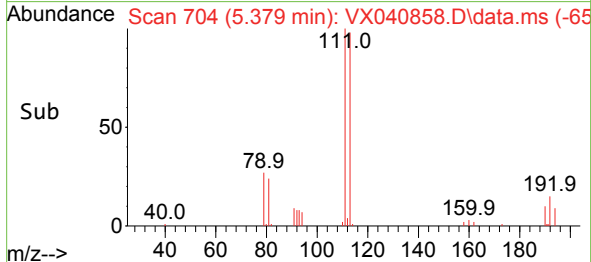
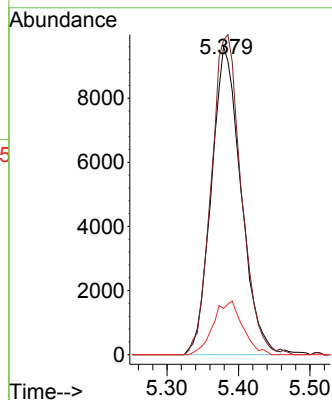
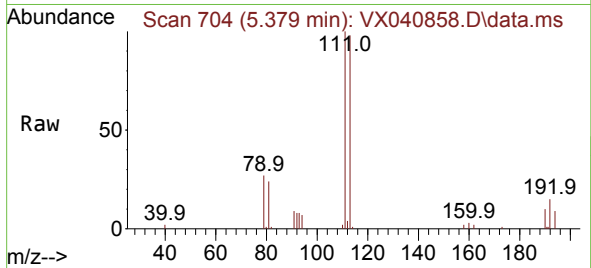




#35
Dibromofluoromethane
Concen: 47.501 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX040858.D
Acq: 02 Apr 2024 12:51

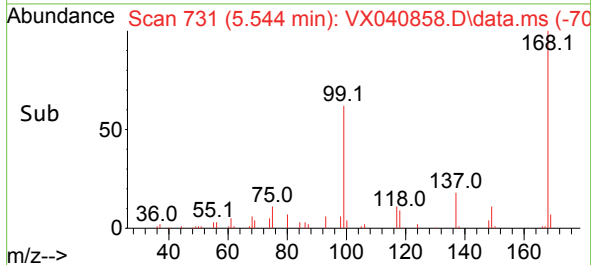
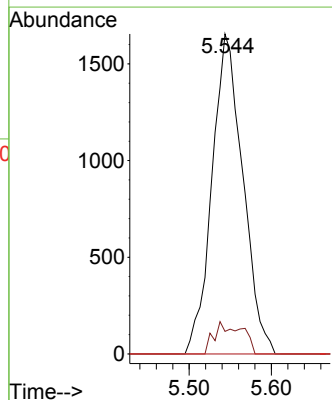
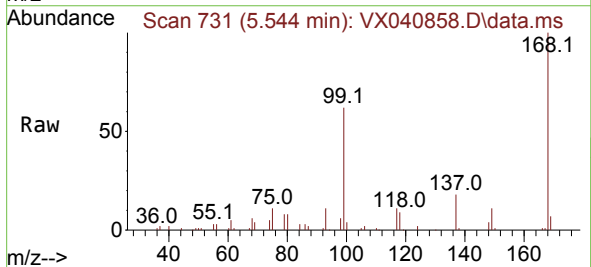
Instrument :
MSVOA_X
ClientSampleId :
IBLK

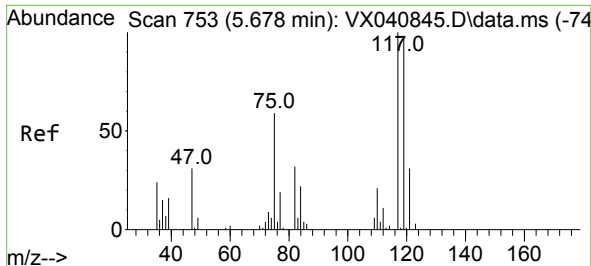
Tgt Ion:113 Resp: 27545
Ion Ratio Lower Upper
113 100
111 105.3 82.9 124.3
192 17.3 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.232 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX040858.D
Acq: 02 Apr 2024 12:51

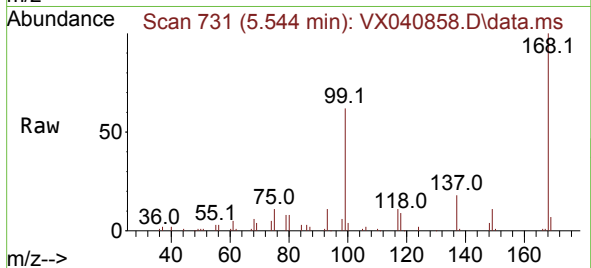
Tgt Ion: 75 Resp: 4311
Ion Ratio Lower Upper
75 100
110 6.0 17.0 50.9#
77 0.0 24.7 37.1#



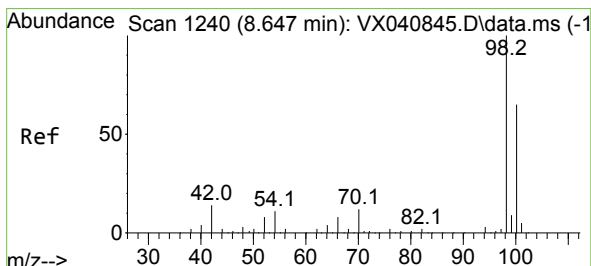
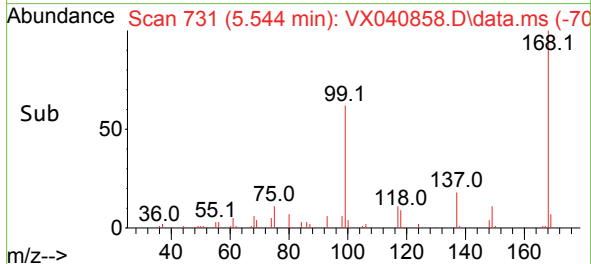
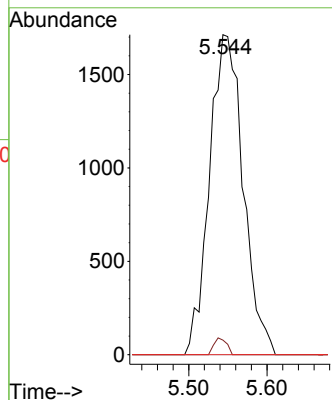


#38
Carbon Tetrachloride
Concen: 5.598 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX040858.D
Acq: 02 Apr 2024 12:51

Instrument :
MSVOA_X
ClientSampleId :
IBLK

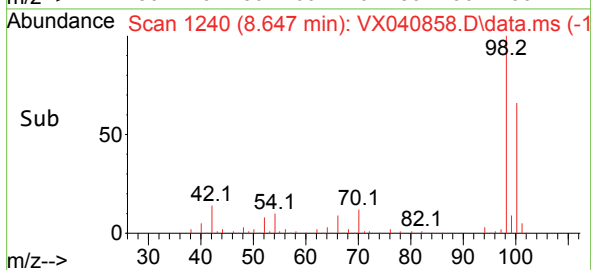
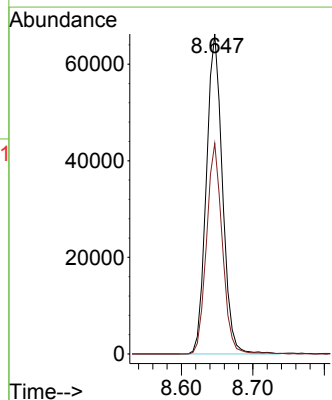
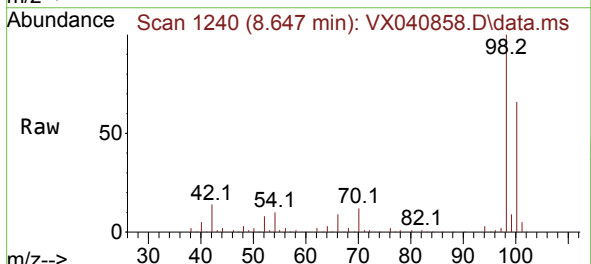


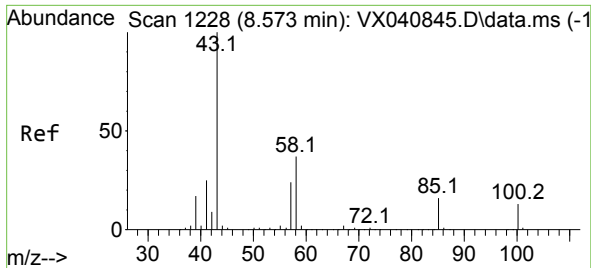
Tgt Ion:117 Resp: 5106
Ion Ratio Lower Upper
117 100
119 4.6 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.416 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX040858.D
Acq: 02 Apr 2024 12:51

Tgt Ion: 98 Resp: 103546
Ion Ratio Lower Upper
98 100
100 64.5 53.1 79.7

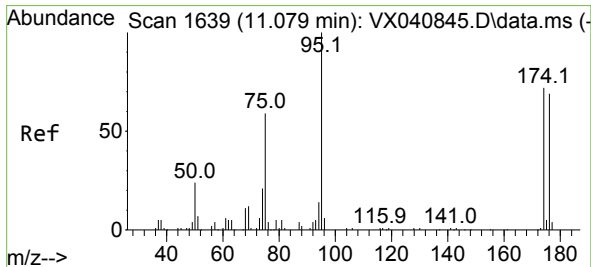
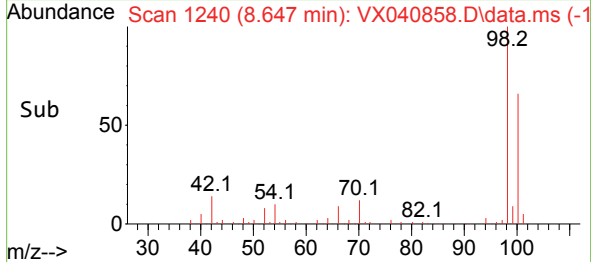
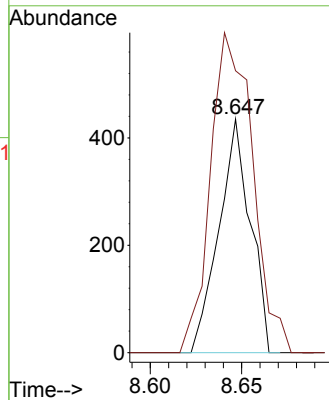
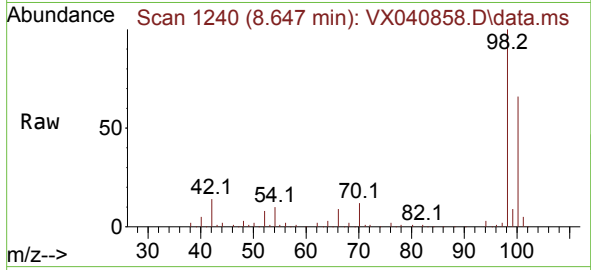




#51
4-Methyl-2-Pentanone
Concen: 0.504 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX040858.D
Acq: 02 Apr 2024 12:51

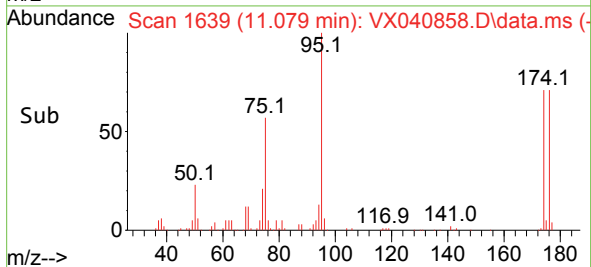
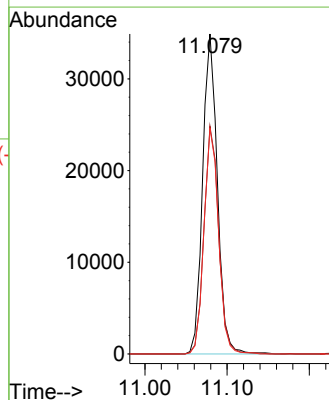
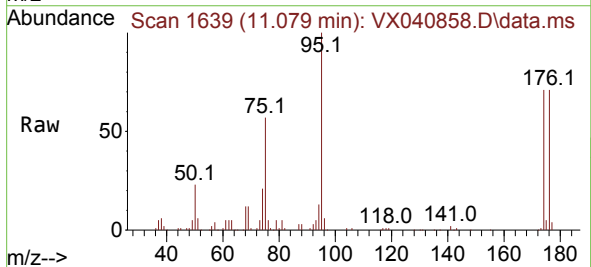
Instrument :
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ClientSampleId :
IBLK

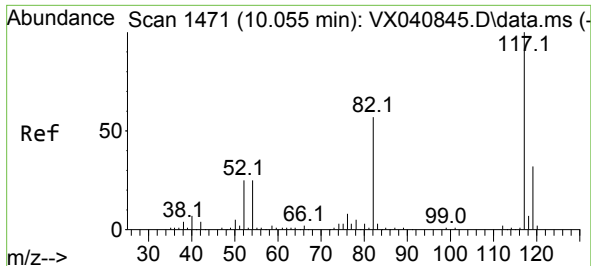
Tgt Ion: 43 Resp: 522
Ion Ratio Lower Upper
43 100
58 183.5 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 51.759 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040858.D
Acq: 02 Apr 2024 12:51

Tgt Ion: 95 Resp: 43311
Ion Ratio Lower Upper
95 100
174 71.4 0.0 135.6
176 70.0 0.0 131.0

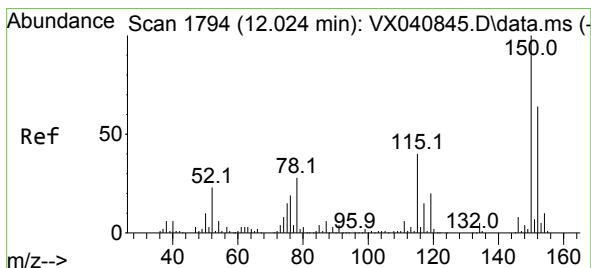
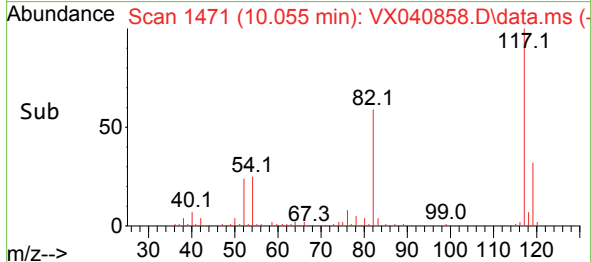
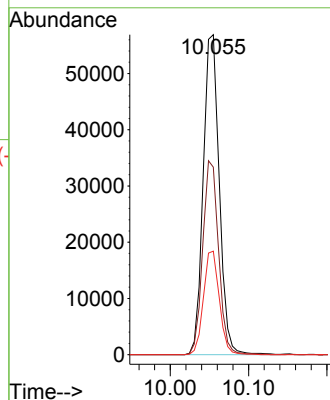
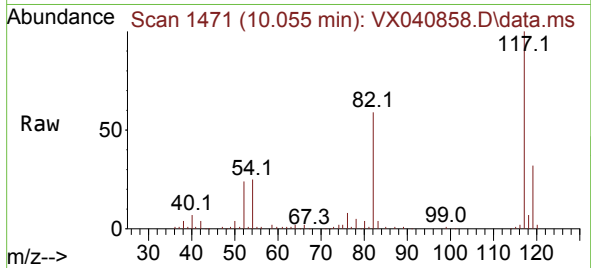




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040858.D
Acq: 02 Apr 2024 12:51

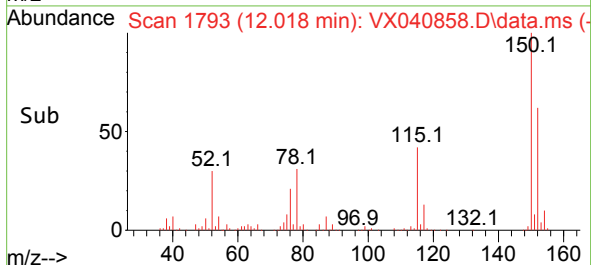
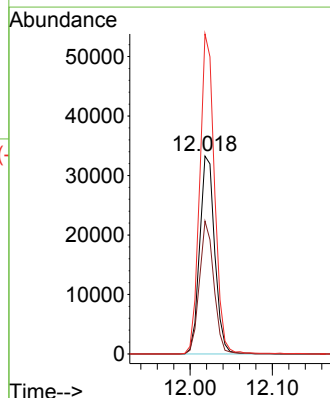
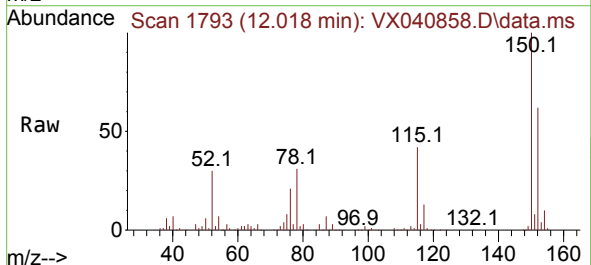
Instrument :
MSVOA_X
ClientSampleId :
IBLK

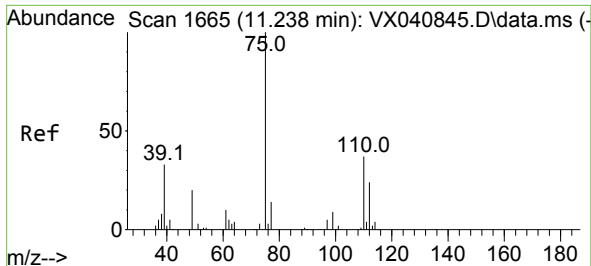
Tgt Ion:117 Resp: 81095
Ion Ratio Lower Upper
117 100
82 58.6 46.2 69.4
119 32.4 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX040858.D
Acq: 02 Apr 2024 12:51

Tgt Ion:152 Resp: 42506
Ion Ratio Lower Upper
152 100
115 64.3 43.3 129.9
150 159.2 0.0 345.0

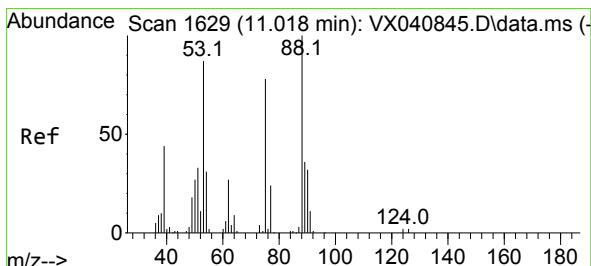
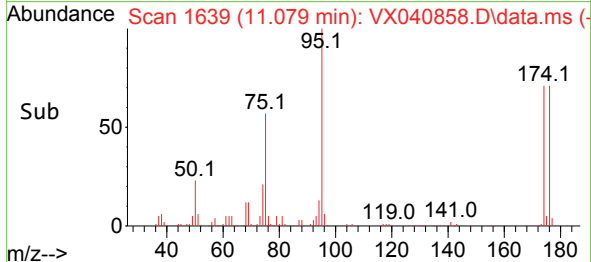
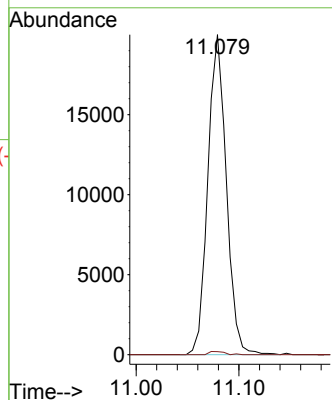
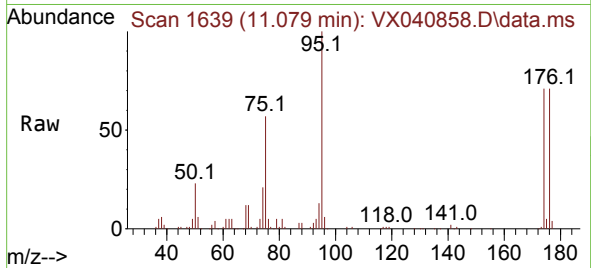




#76
1,2,3-Trichloropropane
Concen: 27.589 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX040858.D
Acq: 02 Apr 2024 12:51

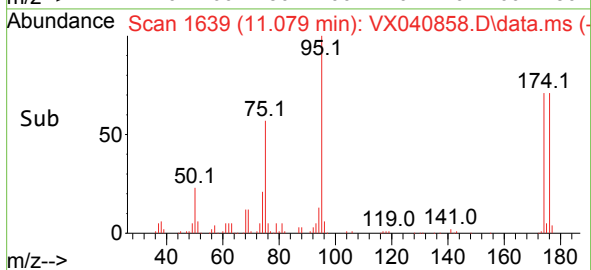
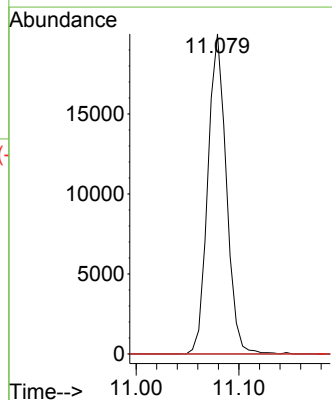
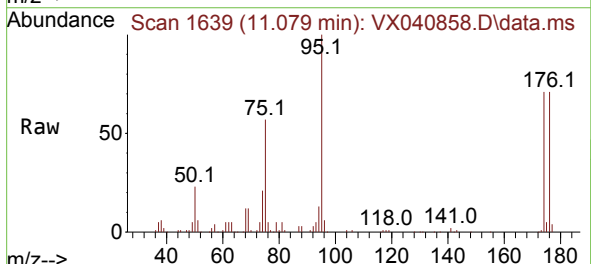
Instrument :
MSVOA_X
ClientSampleId :
IBLK

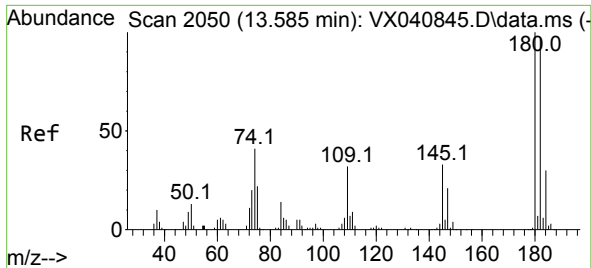
Tgt Ion: 75 Resp: 25007
Ion Ratio Lower Upper
75 100
77 0.9 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.437 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX040858.D
Acq: 02 Apr 2024 12:51

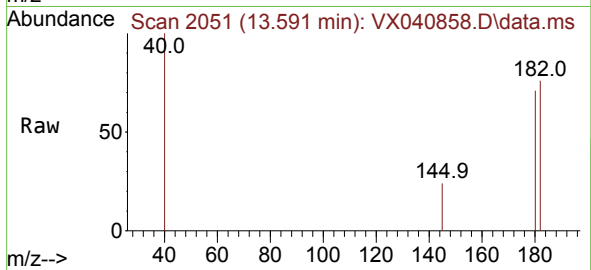
Tgt Ion: 75 Resp: 25007
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#





#93
 1,2,4-Trichlorobenzene
 Concen: 0.225 ug/l
 RT: 13.591 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VX040858.D
 Acq: 02 Apr 2024 12:51

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK



Tgt Ion:	180	Resp:	215
Ion	Ratio	Lower	Upper
180	100		
182	107.9	48.3	144.8
145	18.6	18.0	54.0

