

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020924\
 Data File : VX040182.D
 Acq On : 09 Feb 2024 18:28
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Feb 10 05:50:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 10 05:39:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	73684	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	125802	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	121187	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	60287	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	50307	45.892	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.780%
35) Dibromofluoromethane	5.391	113	40761	46.397	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.800%
50) Toluene-d8	8.647	98	153512	46.712	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.420%
62) 4-Bromofluorobenzene	11.079	95	60449	45.101	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	620	0.745	ug/l	96
3) Chloromethane	1.307	50	251	0.292	ug/l #	43
4) Vinyl Chloride	1.368	62	478	0.527	ug/l	98
5) Bromomethane	1.612	94	207	0.404	ug/l	97
6) Chloroethane	1.685	64	144	0.252	ug/l #	43
7) Trichlorofluoromethane	1.892	101	909	0.624	ug/l #	64
9) 1,1,2-Trichlorotrifluo...	2.337	101	724	0.927	ug/l	91
10) Methyl Iodide	2.453	142	386	0.445	ug/l #	76
11) Tert butyl alcohol	2.959	59	562	2.632	ug/l #	78
12) 1,1-Dichloroethene	2.319	96	564	0.750	ug/l #	56
13) Acrolein	2.239	56	225	1.191	ug/l #	71
14) Allyl chloride	2.672	41	524	0.401	ug/l #	76
15) Acrylonitrile	3.081	53	1238	2.591	ug/l	91
16) Acetone	2.374	43	822	1.826	ug/l	90
17) Carbon Disulfide	2.514	76	4936	2.485	ug/l	95
18) Methyl Acetate	2.703	43	367	0.304	ug/l #	53
20) Methylene Chloride	2.794	84	450	Below Cal	#	63
21) trans-1,2-Dichloroethene	3.099	96	898	1.048	ug/l #	70
23) Vinyl Acetate	3.751	43	1066	0.452	ug/l #	73
27) cis-1,2-Dichloroethene	4.501	96	419	0.429	ug/l	61
29) Tetrahydrofuran	5.019	42	179	0.390	ug/l #	81
31) Cyclohexane	5.477	56	912	0.698	ug/l	97
36) 1,1-Dichloropropene	5.708	75	942	0.765	ug/l #	92
38) Carbon Tetrachloride	5.678	117	387	0.331	ug/l #	66
39) Methylcyclohexane	7.379	83	1032	0.722	ug/l #	66
40) Benzene	6.056	78	1051	0.305	ug/l	93
42) 1,2-Dichloroethane	6.099	62	390	0.290	ug/l #	77
44) Trichloroethene	7.141	130	658	0.693	ug/l	85
46) Dibromomethane	7.598	93	285	0.432	ug/l #	43
49) 1,4-Dioxane	7.690	88	278	11.683	ug/l #	12
51) 4-Methyl-2-Pentanone	8.580	43	1015	0.695	ug/l #	83
52) Toluene	8.720	92	892	0.396	ug/l	82
53) t-1,3-Dichloropropene	8.988	75	609	2.340	ug/l #	43
54) cis-1,3-Dichloropropene	8.385	75	343	0.241	ug/l #	58
58) 2-Chloroethyl Vinyl ether	8.257	63	414	0.608	ug/l #	47
59) 2-Hexanone	9.439	43	1029	0.889	ug/l	83

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020924\
 Data File : VX040182.D
 Acq On : 09 Feb 2024 18:28
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

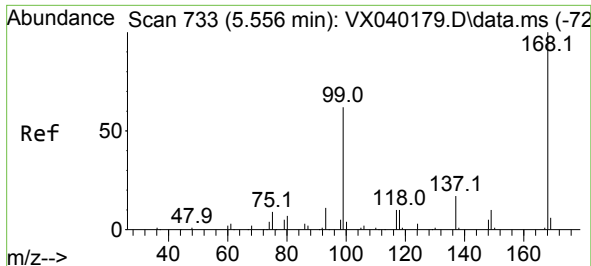
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Feb 10 05:50:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 10 05:39:32 2024
 Response via : Initial Calibration

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

61) 1,2-Dibromoethane	9.622	107	310	0.303	ug/l #	72
64) Tetrachloroethene	9.275	164	721	0.849	ug/l	95
65) Chlorobenzene	10.080	112	1382	0.546	ug/l	97
67) Ethyl Benzene	10.195	91	2336	0.519	ug/l #	84
68) m/p-Xylenes	10.305	106	1840	1.082	ug/l	90
69) o-Xylene	10.647	106	701	0.424	ug/l	90
70) Styrene	10.665	104	1268	0.461	ug/l	92
71) Bromoform	10.799	173	57	2.139	ug/l #	29
73) Isopropylbenzene	10.964	105	2506	0.590	ug/l	97
74) N-amyl acetate	10.848	43	412	0.226	ug/l #	63
76) 1,2,3-Trichloropropane	11.079	75	32921	26.966	ug/l #	38
77) Bromobenzene	11.195	156	666	0.664	ug/l	90
78) n-propylbenzene	11.305	91	4380	0.852	ug/l	93
79) 2-Chlorotoluene	11.366	91	2124	0.684	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	2365	0.662	ug/l	93
81) trans-1,4-Dichloro-2-b...	11.079	75	32921	73.897	ug/l #	5
82) 4-Chlorotoluene	11.457	91	3373	0.917	ug/l	100
83) tert-Butylbenzene	11.719	119	1868	0.533	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	2461	0.680	ug/l	96
85) sec-Butylbenzene	11.890	105	3393	0.753	ug/l	99
86) p-Isopropyltoluene	12.012	119	3161	0.856	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	2118	1.066	ug/l	94
88) 1,4-Dichlorobenzene	11.969	146	2118	1.006	ug/l	93
89) n-Butylbenzene	12.335	91	4480	1.257	ug/l	92
90) Hexachloroethane	12.536	117	334	0.574	ug/l	80
91) 1,2-Dichlorobenzene	12.335	146	1492	0.776	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	2412	1.831	ug/l	89
94) Hexachlorobutadiene	13.725	225	2408	4.581	ug/l	93
95) Naphthalene	13.774	128	8725	2.098	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	2483	1.978	ug/l	94

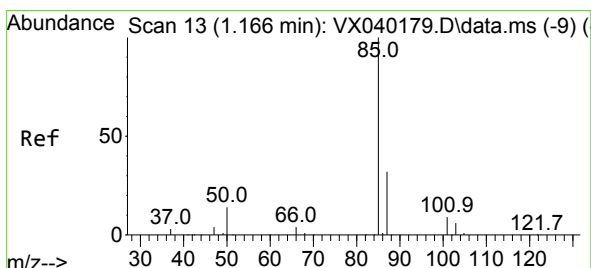
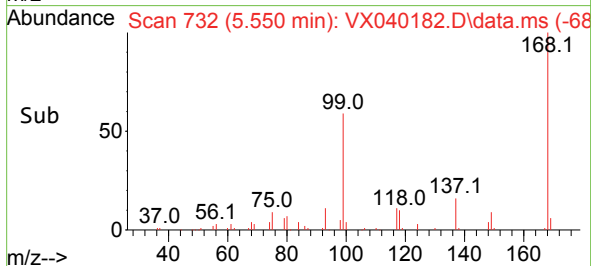
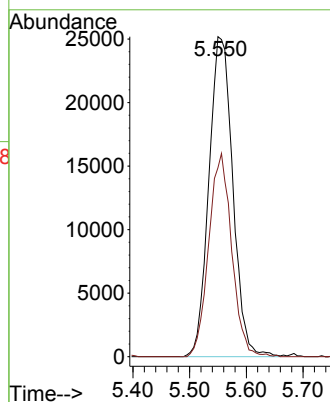
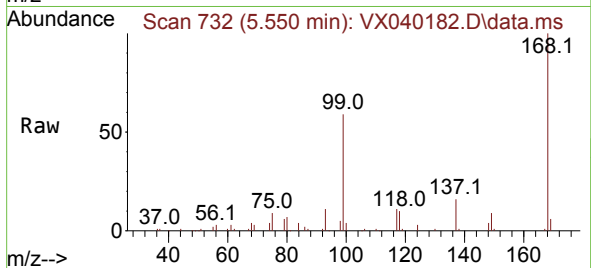
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040182.D
Acq: 09 Feb 2024 18:28

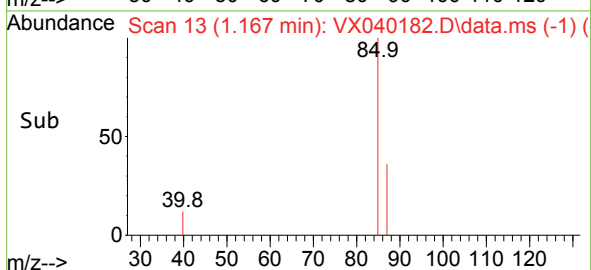
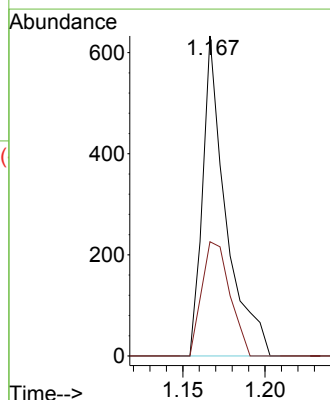
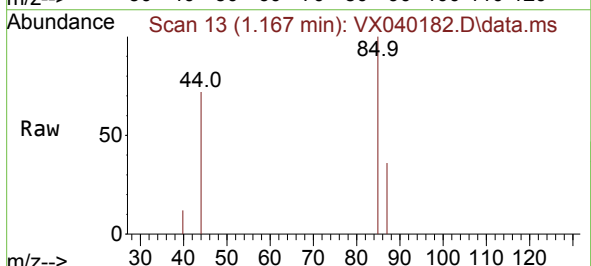
Instrument :
MSVOA_X
ClientSampleId :
IBLK

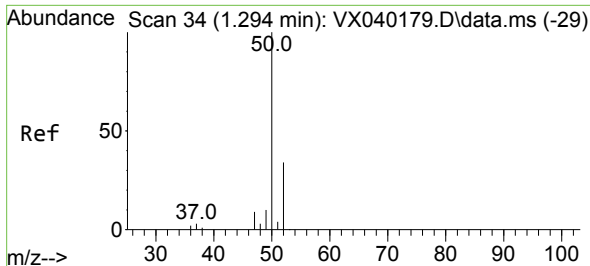
Tgt Ion:168 Resp: 73684
Ion Ratio Lower Upper
168 100
99 59.1 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 0.745 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX040182.D
Acq: 09 Feb 2024 18:28

Tgt Ion: 85 Resp: 620
Ion Ratio Lower Upper
85 100
87 35.7 16.7 50.1

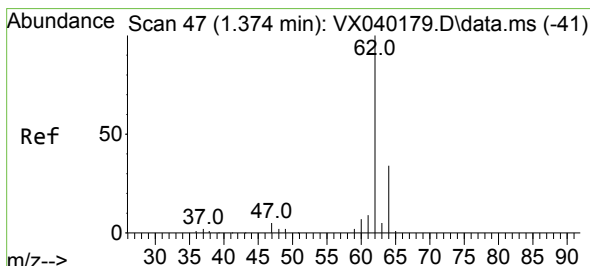
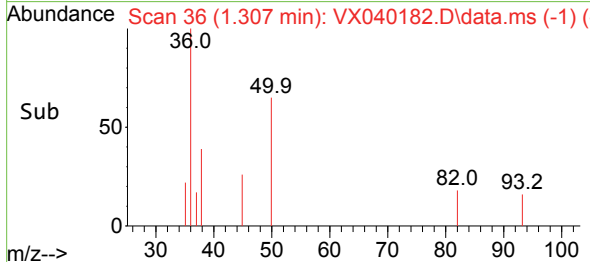
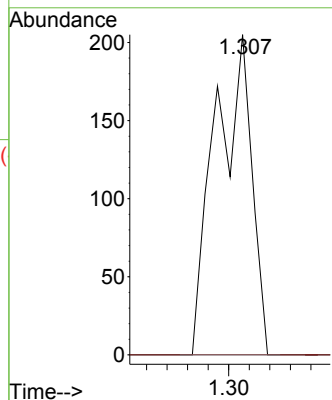
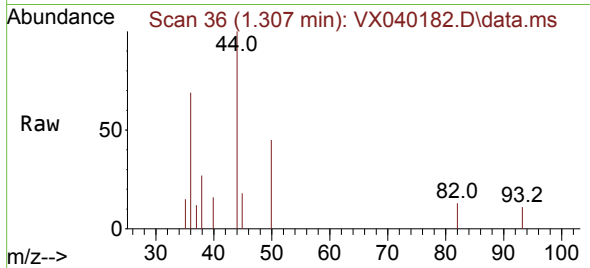




#3
Chloromethane
Concen: 0.292 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.012 min
Lab File: VX040182.D
Acq: 09 Feb 2024 18:28

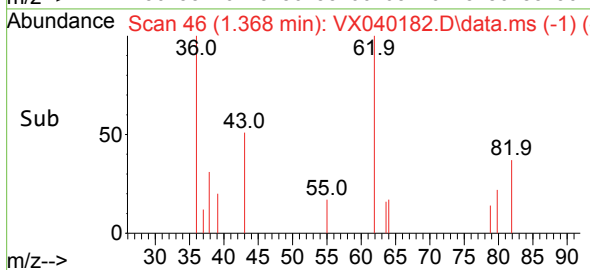
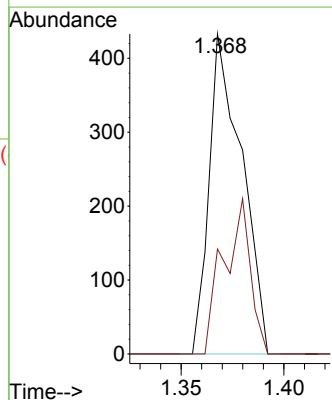
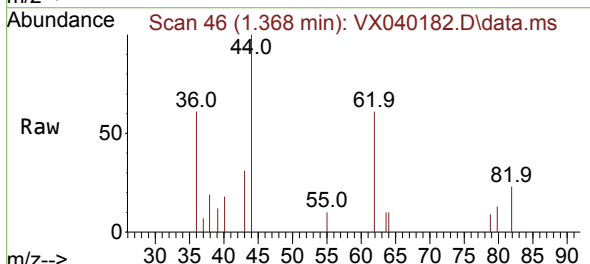
Instrument :
MSVOA_X
ClientSampleId :
IBLK

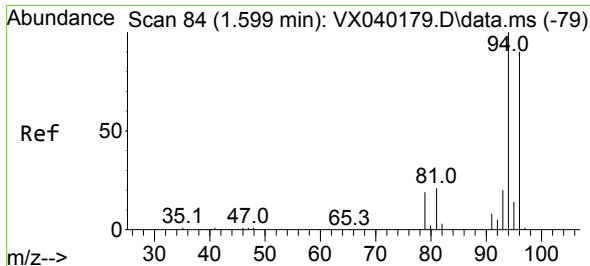
Tgt Ion: 50 Resp: 251
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#



#4
Vinyl Chloride
Concen: 0.527 ug/l
RT: 1.368 min Scan# 46
Delta R.T. -0.006 min
Lab File: VX040182.D
Acq: 09 Feb 2024 18:28

Tgt Ion: 62 Resp: 478
Ion Ratio Lower Upper
62 100
64 32.8 25.4 38.0

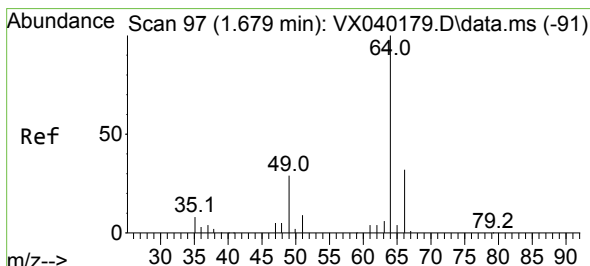
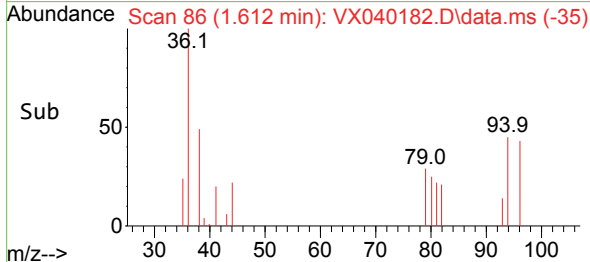
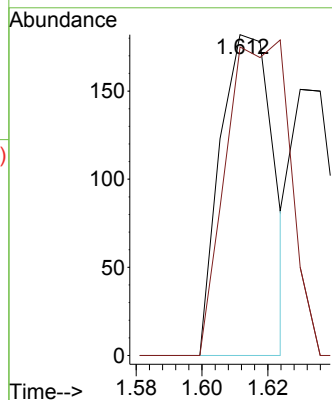
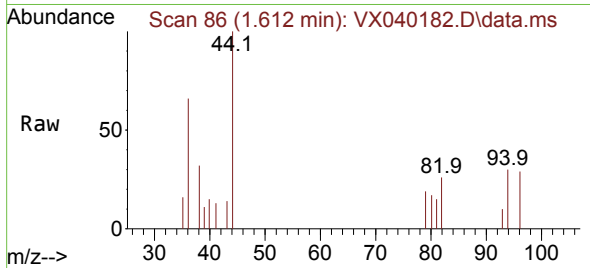




#5
Bromomethane
Concen: 0.404 ug/l
RT: 1.612 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX040182.D
Acq: 09 Feb 2024 18:28

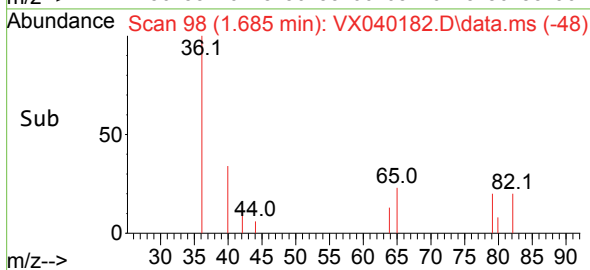
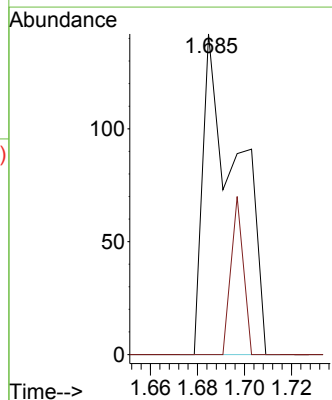
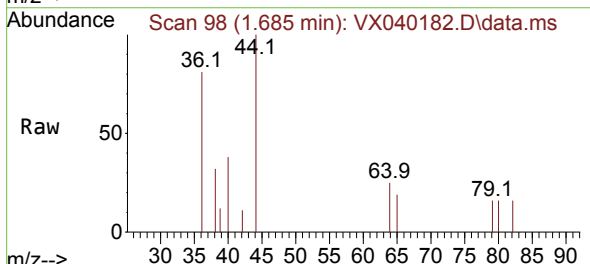
Instrument :
MSVOA_X
ClientSampleId :
IBLK

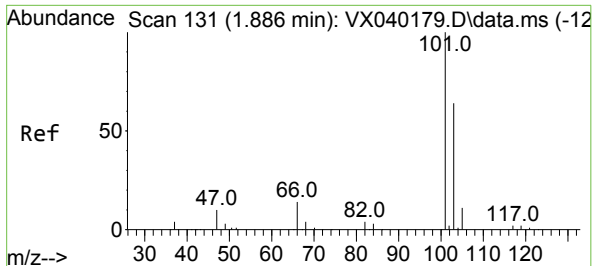
Tgt Ion: 94 Resp: 207
Ion Ratio Lower Upper
94 100
96 96.2 74.6 111.8



#6
Chloroethane
Concen: 0.252 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX040182.D
Acq: 09 Feb 2024 18:28

Tgt Ion: 64 Resp: 144
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#

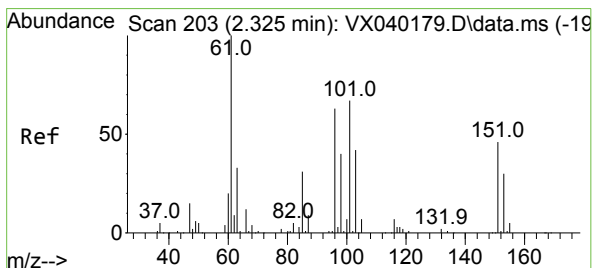
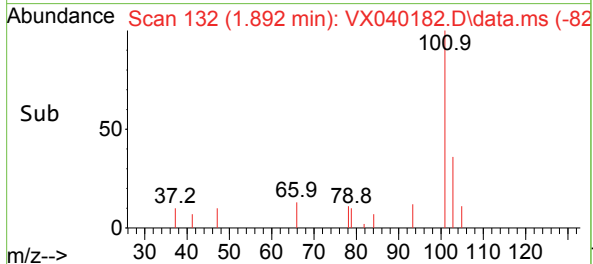
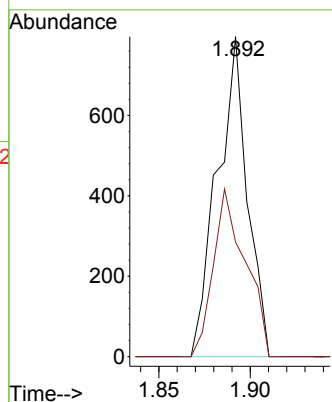
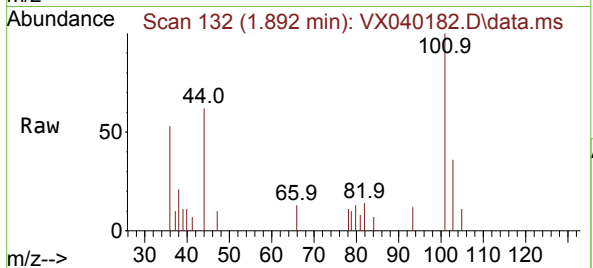




#7
 Trichlorofluoromethane
 Concen: 0.624 ug/l
 RT: 1.892 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX040182.D
 Acq: 09 Feb 2024 18:28

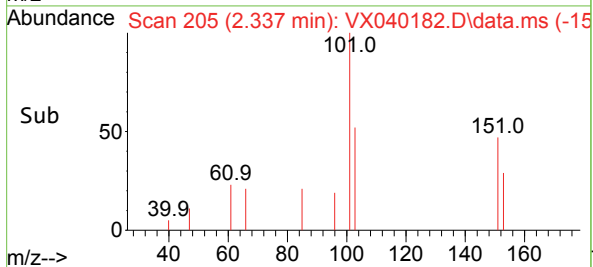
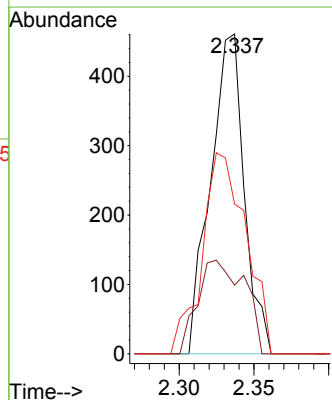
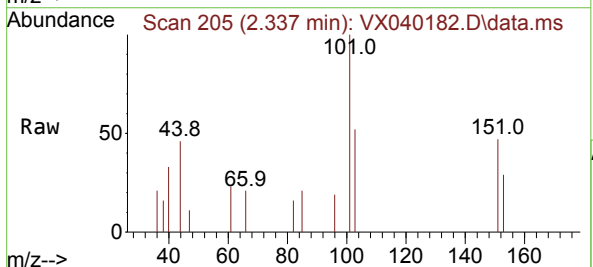
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

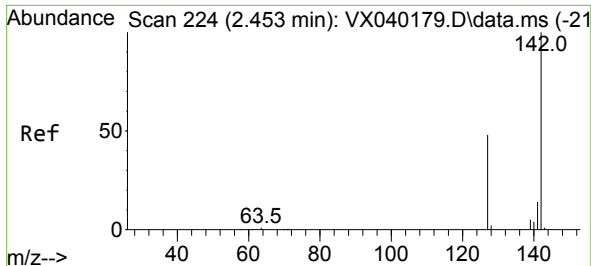
Tgt Ion:101 Resp: 909
 Ion Ratio Lower Upper
 101 100
 103 35.8 51.4 77.2#



#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.927 ug/l
 RT: 2.337 min Scan# 205
 Delta R.T. 0.012 min
 Lab File: VX040182.D
 Acq: 09 Feb 2024 18:28

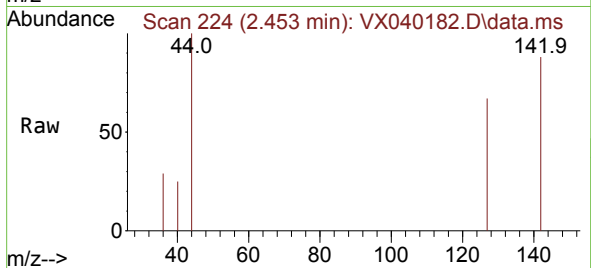
Tgt Ion:101 Resp: 724
 Ion Ratio Lower Upper
 101 100
 85 40.6 37.0 55.6
 151 81.5 58.6 87.8



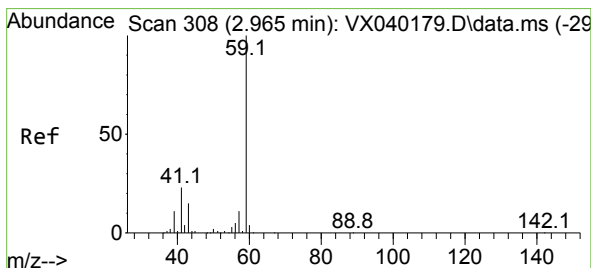
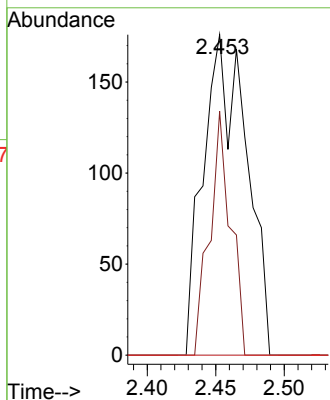
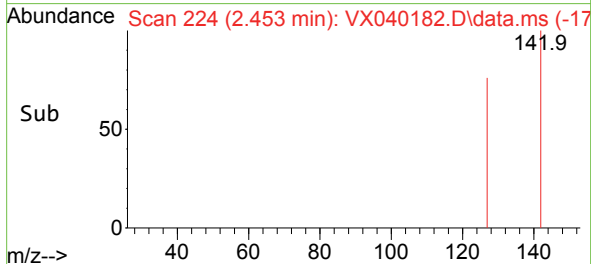


#10
Methyl Iodide
Concen: 0.445 ug/l
RT: 2.453 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX040182.D
Acq: 09 Feb 2024 18:28

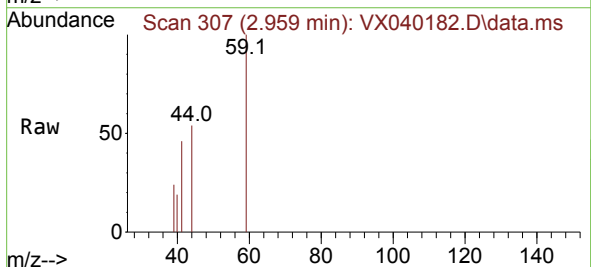
Instrument :
MSVOA_X
ClientSampleId :
IBLK



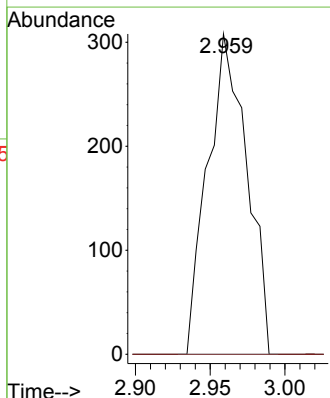
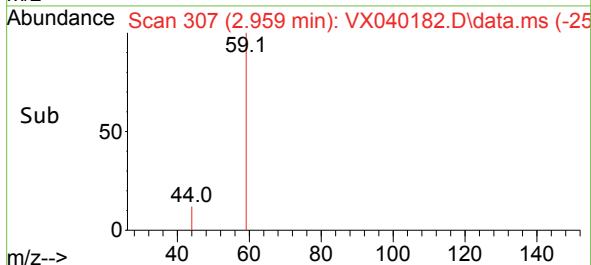
Tgt Ion:142 Resp: 386
Ion Ratio Lower Upper
142 100
127 37.0 41.6 62.4#
141 0.0 11.6 17.4#

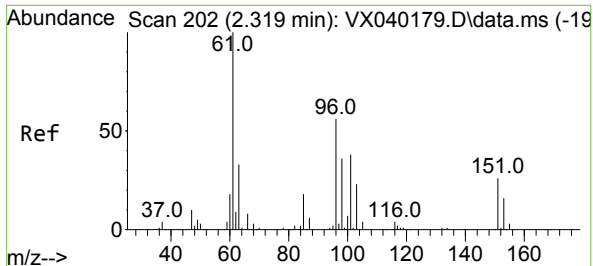


#11
Tert butyl alcohol
Concen: 2.632 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX040182.D
Acq: 09 Feb 2024 18:28



Tgt Ion: 59 Resp: 562
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#12

1,1-Dichloroethene

Concen: 0.750 ug/l

RT: 2.319 min Scan# 20

Delta R.T. 0.000 min

Lab File: VX040182.D

Acq: 09 Feb 2024 18:28

Instrument :

MSVOA_X

ClientSampleId :

IBLK

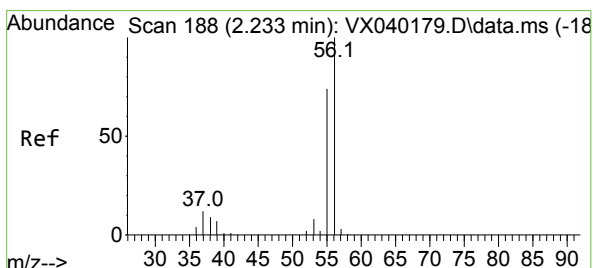
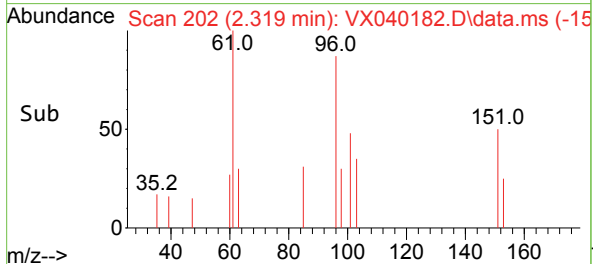
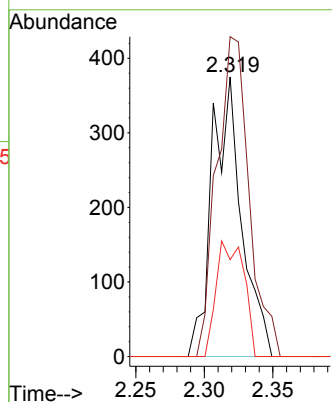
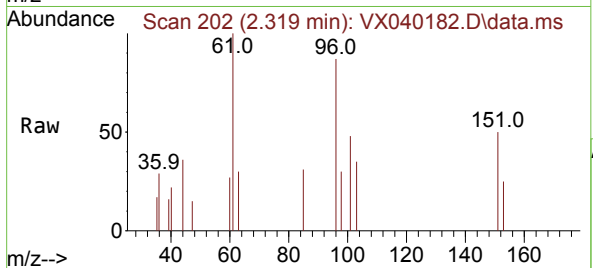
Tgt Ion: 96 Resp: 564

Ion Ratio Lower Upper

96 100

61 114.4 144.6 216.8#

98 34.7 50.4 75.6#



#13

Acrolein

Concen: 1.191 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.006 min

Lab File: VX040182.D

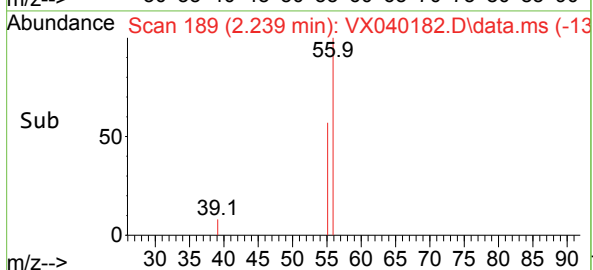
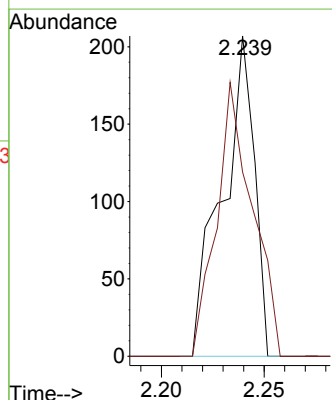
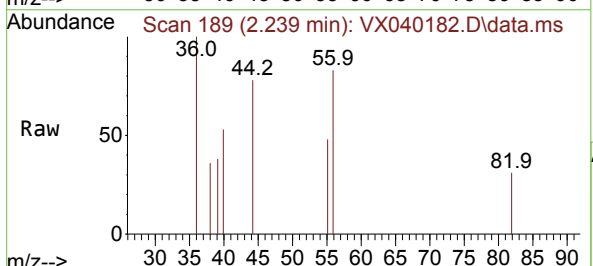
Acq: 09 Feb 2024 18:28

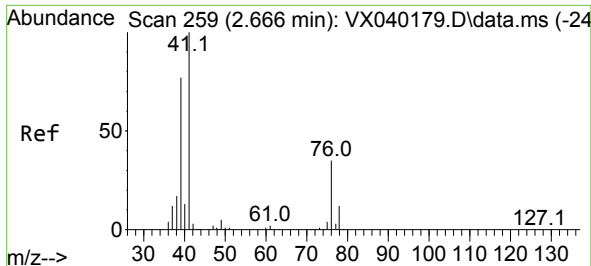
Tgt Ion: 56 Resp: 225

Ion Ratio Lower Upper

56 100

55 95.1 57.1 85.7#

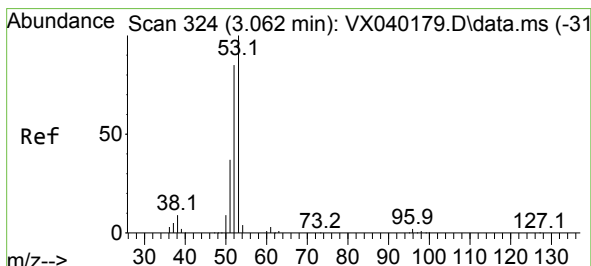
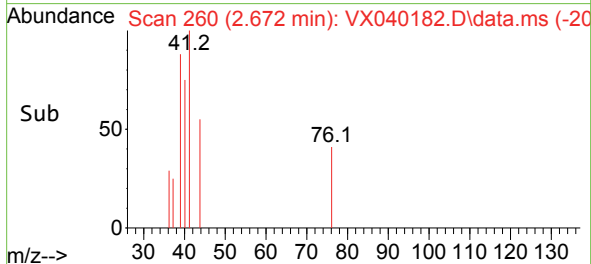
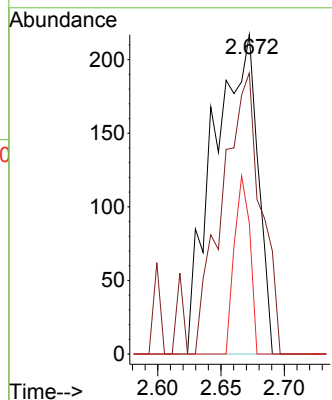
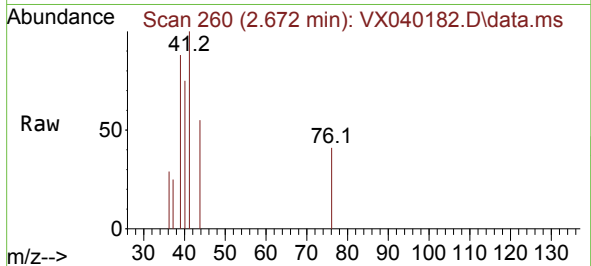




#14
 Allyl chloride
 Concen: 0.401 ug/l
 RT: 2.672 min Scan# 20
 Delta R.T. 0.012 min
 Lab File: VX040182.D
 Acq: 09 Feb 2024 18:28

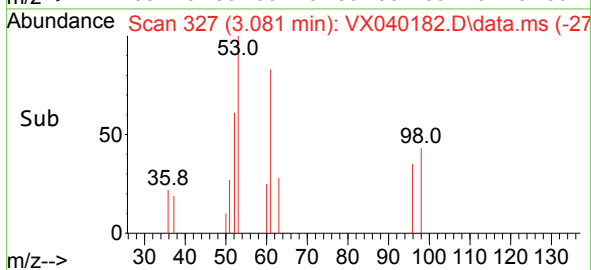
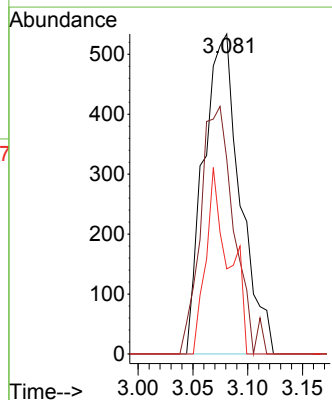
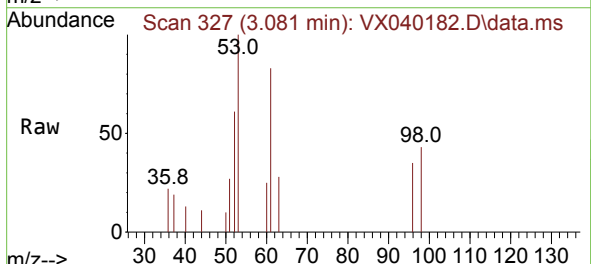
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

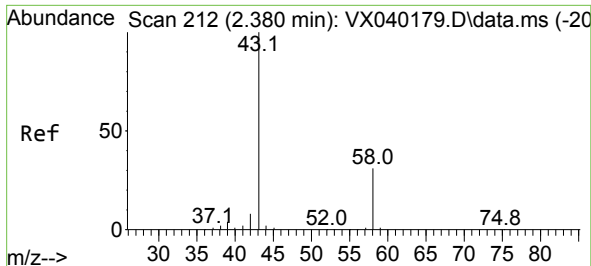
Tgt Ion: 41 Resp: 524
 Ion Ratio Lower Upper
 41 100
 39 77.9 55.8 83.6
 76 0.0 24.3 36.5#



#15
 Acrylonitrile
 Concen: 2.591 ug/l
 RT: 3.081 min Scan# 327
 Delta R.T. 0.018 min
 Lab File: VX040182.D
 Acq: 09 Feb 2024 18:28

Tgt Ion: 53 Resp: 1238
 Ion Ratio Lower Upper
 53 100
 52 70.8 66.0 99.0
 51 36.7 29.8 44.6





#16

Acetone

Concen: 1.826 ug/l

RT: 2.374 min Scan# 211

Delta R.T. -0.006 min

Lab File: VX040182.D

Acq: 09 Feb 2024 18:28

Instrument :

MSVOA_X

ClientSampleId :

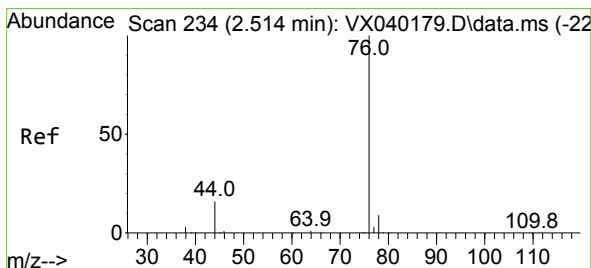
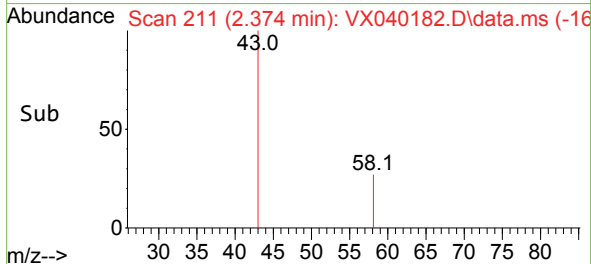
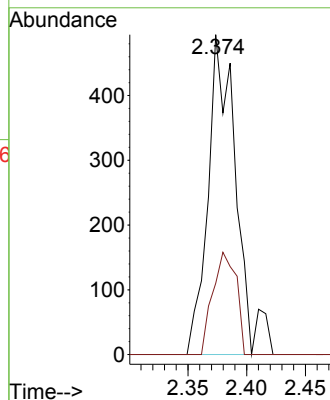
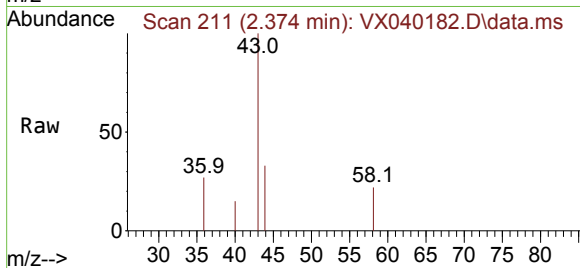
IBLK

Tgt Ion: 43 Resp: 822

Ion Ratio Lower Upper

43 100

58 22.3 21.9 32.9



#17

Carbon Disulfide

Concen: 2.485 ug/l

RT: 2.514 min Scan# 234

Delta R.T. 0.006 min

Lab File: VX040182.D

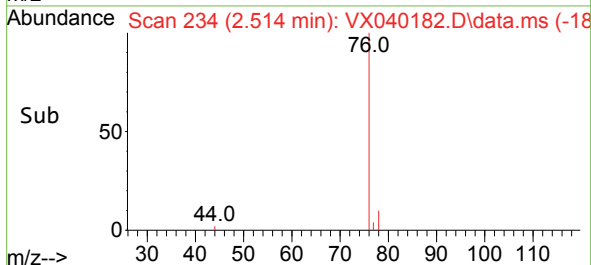
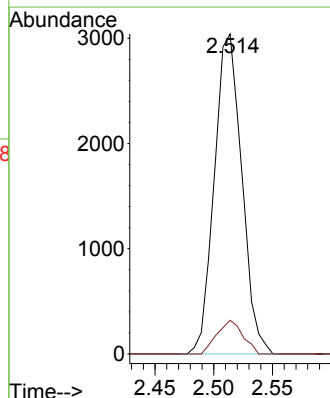
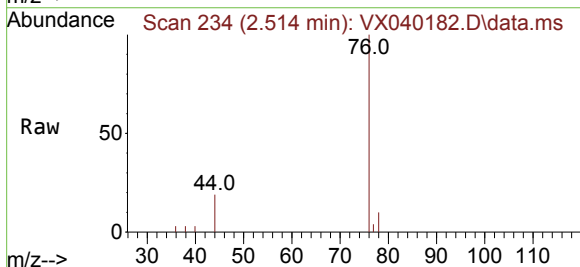
Acq: 09 Feb 2024 18:28

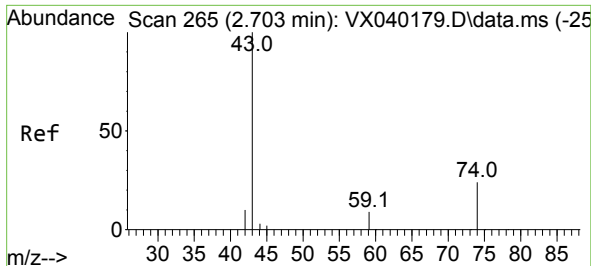
Tgt Ion: 76 Resp: 4936

Ion Ratio Lower Upper

76 100

78 10.5 7.0 10.6





#18

Methyl Acetate

Concen: 0.304 ug/l

RT: 2.703 min Scan# 2

Delta R.T. 0.000 min

Lab File: VX040182.D

Acq: 09 Feb 2024 18:28

Instrument :

MSVOA_X

ClientSampleId :

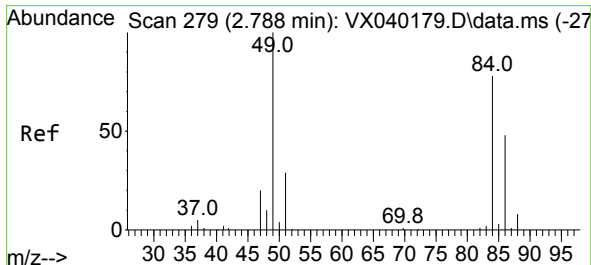
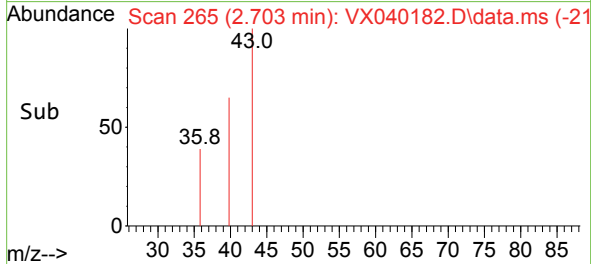
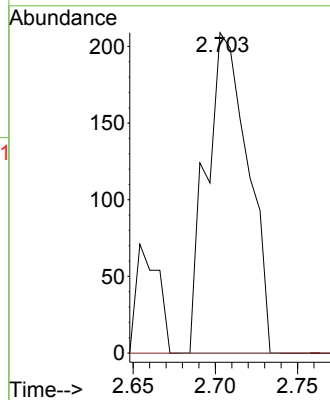
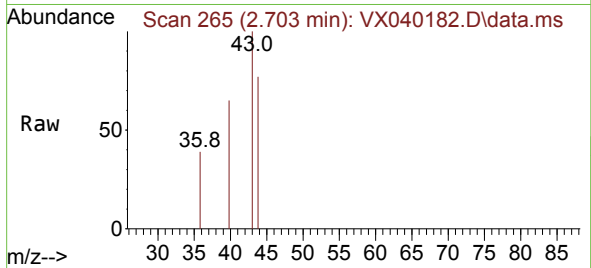
IBLK

Tgt Ion: 43 Resp: 367

Ion Ratio Lower Upper

43 100

74 0.0 17.8 26.8#



#20

Methylene Chloride

Concen: Below Cal

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX040182.D

Acq: 09 Feb 2024 18:28

Tgt Ion: 84 Resp: 450

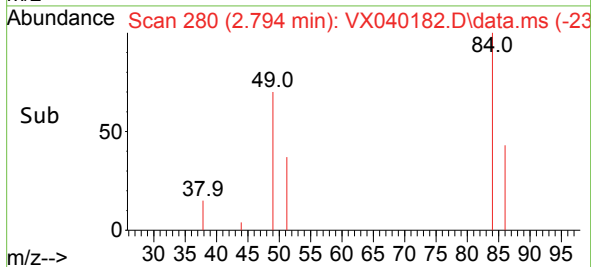
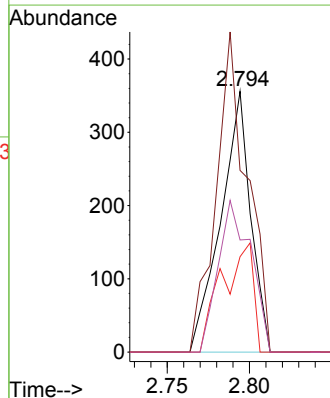
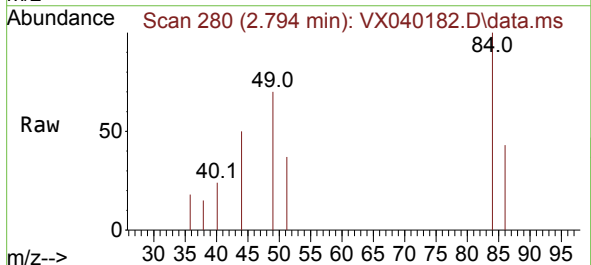
Ion Ratio Lower Upper

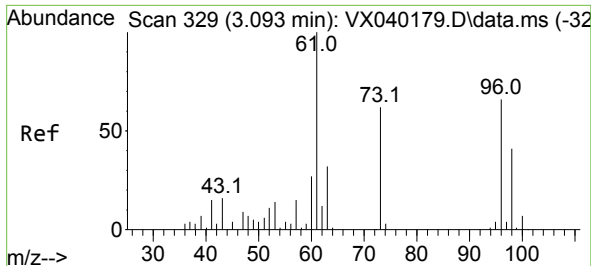
84 100

49 69.7 103.6 155.4#

51 36.5 33.8 50.6

86 43.0 49.4 74.0#

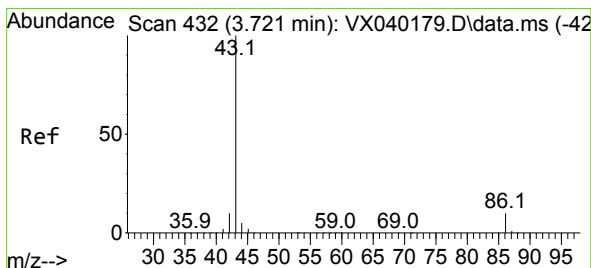
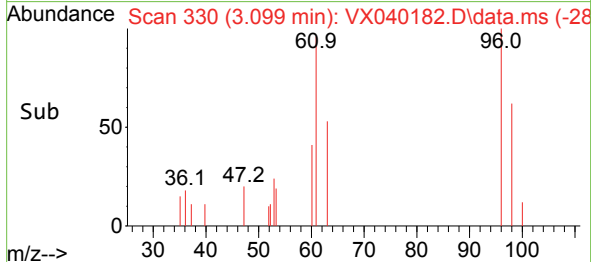
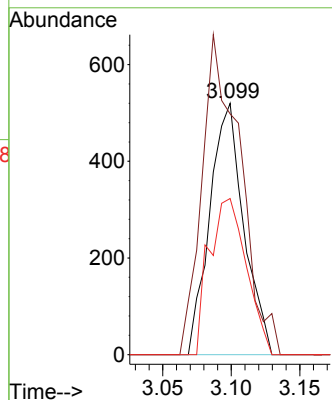
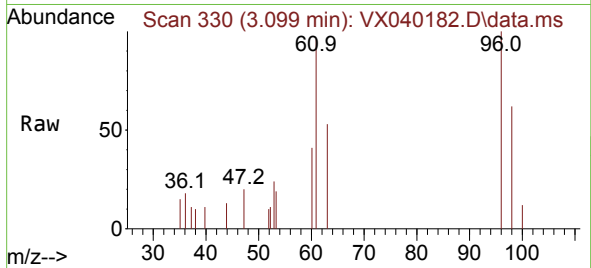




#21
trans-1,2-Dichloroethene
Concen: 1.048 ug/l
RT: 3.099 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX040182.D
Acq: 09 Feb 2024 18:28

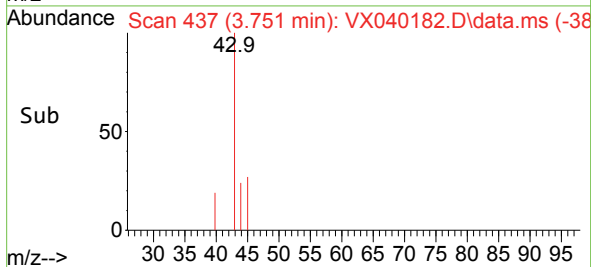
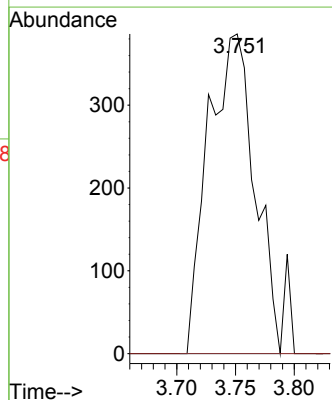
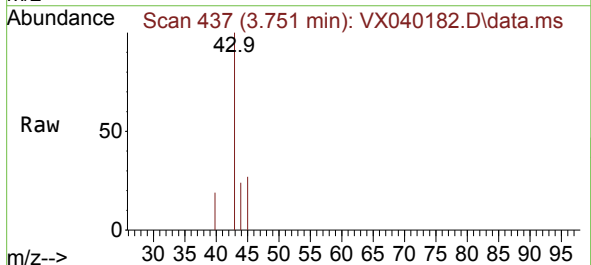
Instrument :
MSVOA_X
ClientSampleId :
IBLK

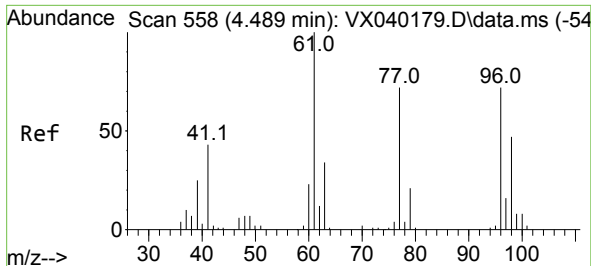
Tgt Ion: 96 Resp: 898
Ion Ratio Lower Upper
96 100
61 95.8 119.2 178.8#
98 62.1 48.7 73.1



#23
Vinyl Acetate
Concen: 0.452 ug/l
RT: 3.751 min Scan# 437
Delta R.T. 0.031 min
Lab File: VX040182.D
Acq: 09 Feb 2024 18:28

Tgt Ion: 43 Resp: 1066
Ion Ratio Lower Upper
43 100
86 0.0 7.8 11.8#





#27

cis-1,2-Dichloroethene

Concen: 0.429 ug/l

RT: 4.501 min Scan# 5

Delta R.T. 0.012 min

Lab File: VX040182.D

Acq: 09 Feb 2024 18:28

Instrument :

MSVOA_X

ClientSampleId :

IBLK

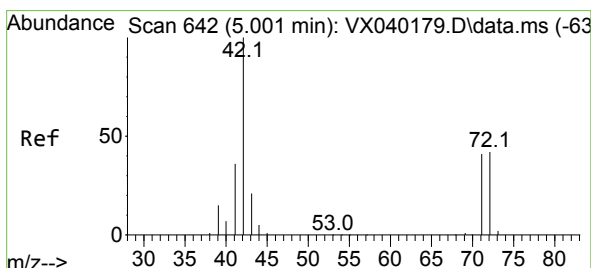
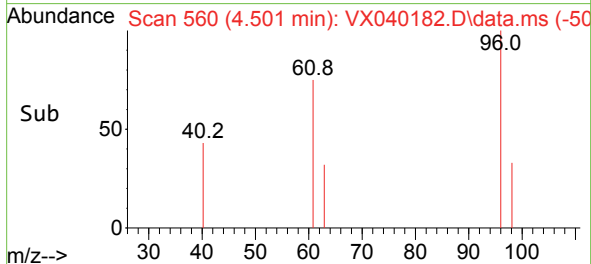
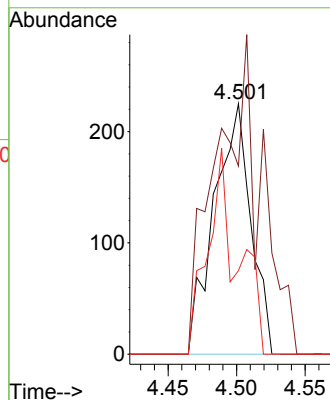
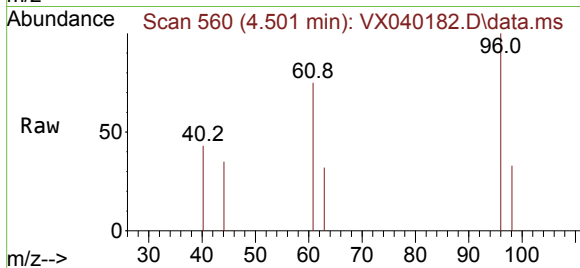
Tgt Ion: 96 Resp: 419

Ion Ratio Lower Upper

96 100

61 86.2 0.0 312.2

98 67.1 0.0 129.0



#29

Tetrahydrofuran

Concen: 0.390 ug/l

RT: 5.019 min Scan# 645

Delta R.T. 0.012 min

Lab File: VX040182.D

Acq: 09 Feb 2024 18:28

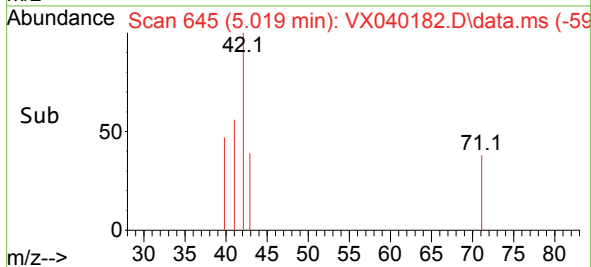
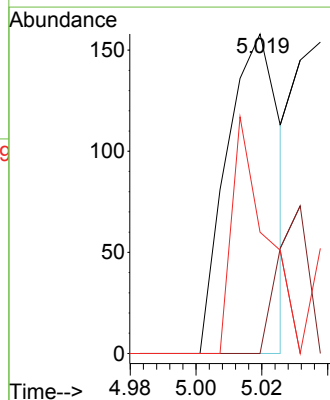
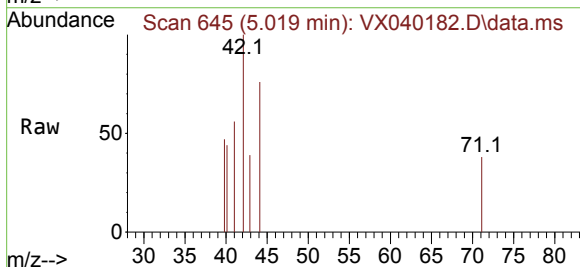
Tgt Ion: 42 Resp: 179

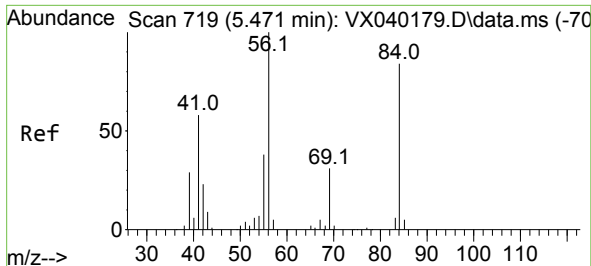
Ion Ratio Lower Upper

42 100

72 25.7 34.2 51.4#

71 46.4 32.2 48.2

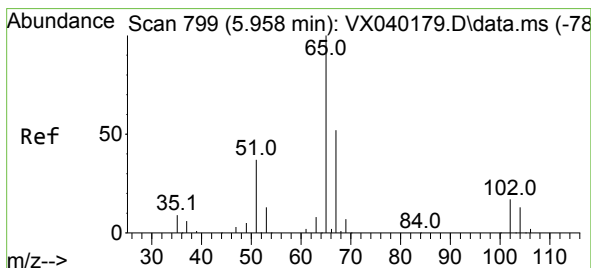
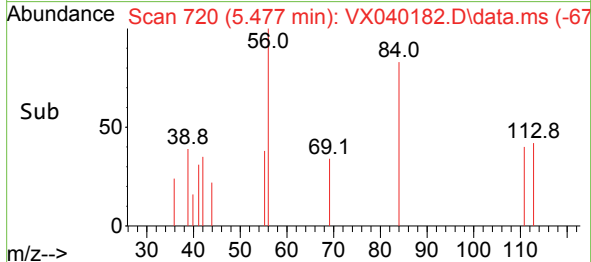
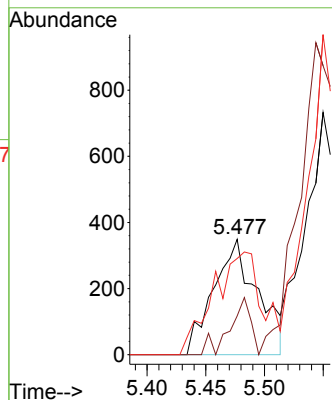
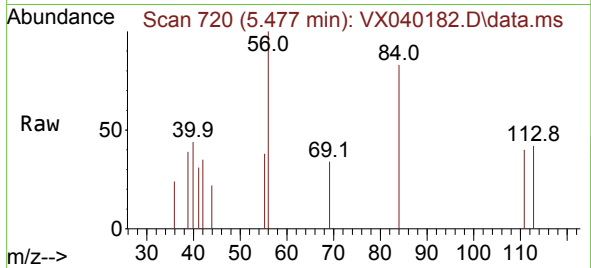




#31
Cyclohexane
Concen: 0.698 ug/l
RT: 5.477 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX040182.D
Acq: 09 Feb 2024 18:28

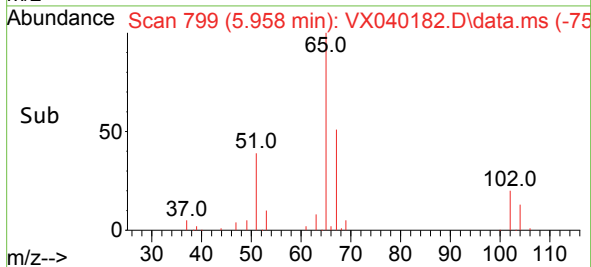
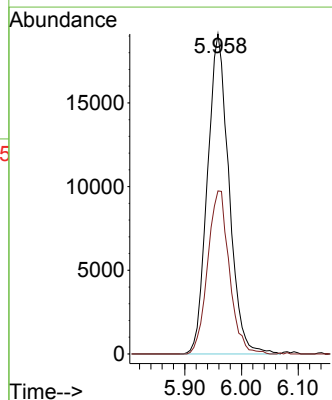
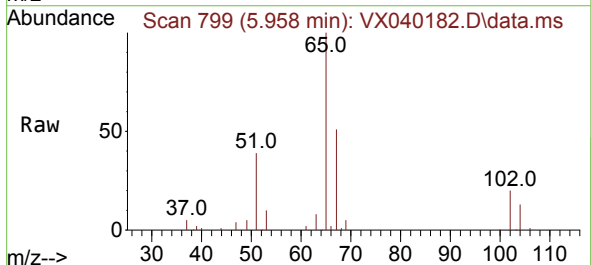
Instrument :
MSVOA_X
ClientSampleId :
IBLK

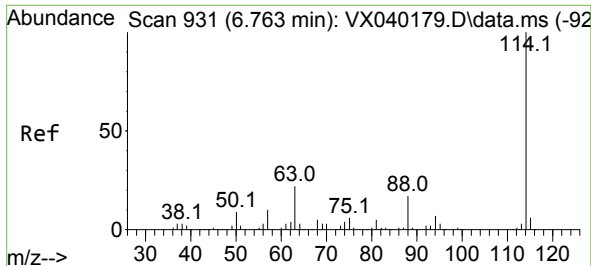
Tgt Ion: 56	Resp:	912	
Ion	Ratio	Lower	Upper
56	100		
69	33.5	23.4	35.2
84	83.4	65.9	98.9



#33
1,2-Dichloroethane-d4
Concen: 45.892 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX040182.D
Acq: 09 Feb 2024 18:28

Tgt Ion: 65	Resp:	50307	
Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	100.2

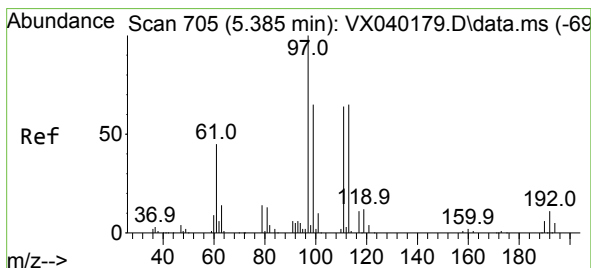
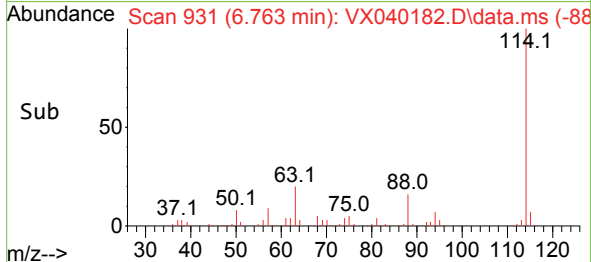
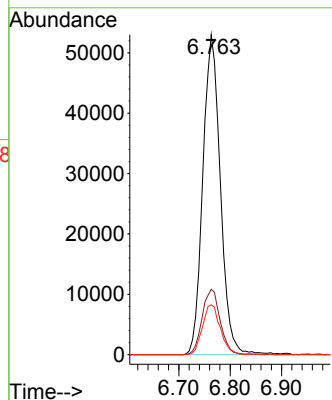
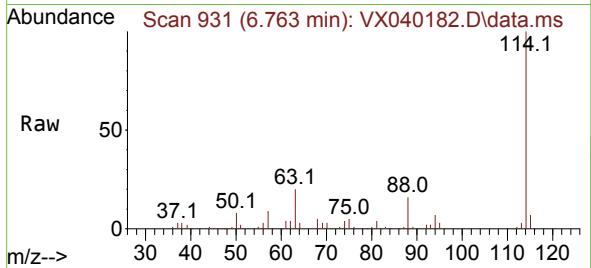




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX040182.D
Acq: 09 Feb 2024 18:28

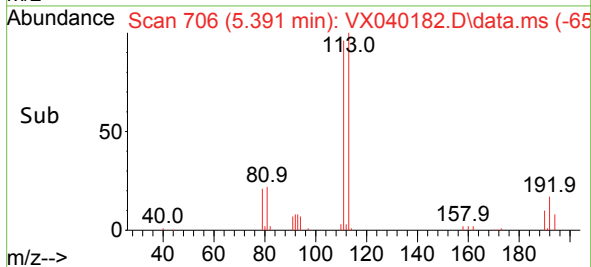
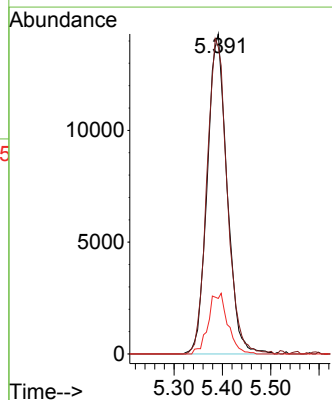
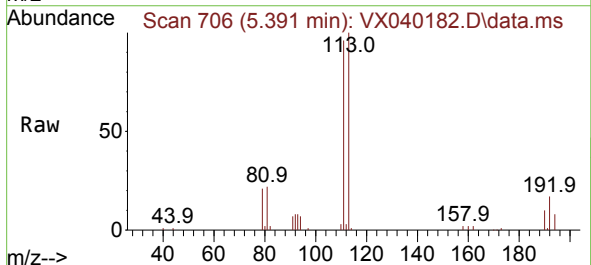
Instrument :
MSVOA_X
ClientSampleId :
IBLK

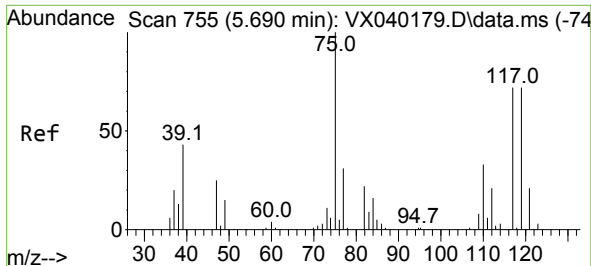
Tgt Ion:114 Resp: 125802
Ion Ratio Lower Upper
114 100
63 20.4 0.0 45.0
88 15.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.397 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX040182.D
Acq: 09 Feb 2024 18:28

Tgt Ion:113 Resp: 40761
Ion Ratio Lower Upper
113 100
111 100.8 82.9 124.3
192 18.6 13.3 19.9





#36

1,1-Dichloropropene

Concen: 0.765 ug/l

RT: 5.708 min Scan# 755

Delta R.T. 0.012 min

Lab File: VX040182.D

Acq: 09 Feb 2024 18:28

Instrument :

MSVOA_X

ClientSampleId :

IBLK

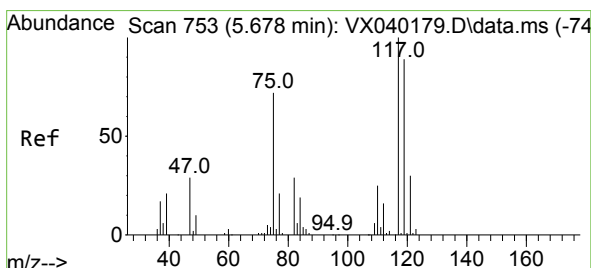
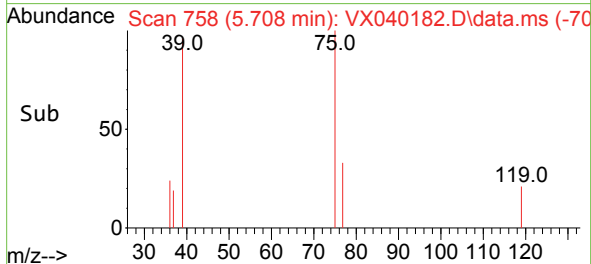
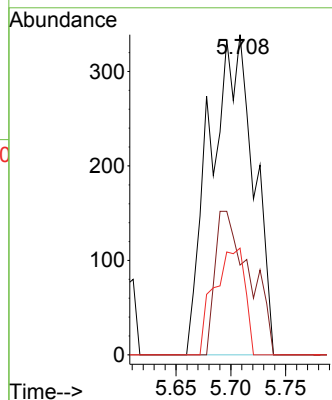
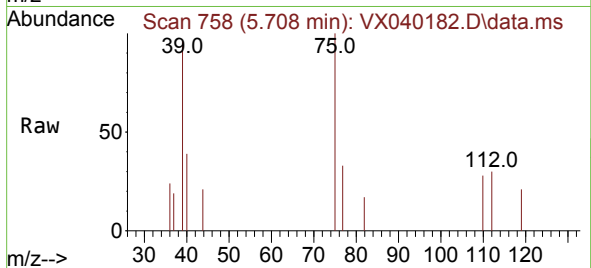
Tgt Ion: 75 Resp: 942

Ion Ratio Lower Upper

75 100

110 35.0 17.0 50.9

77 23.2 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 0.331 ug/l

RT: 5.678 min Scan# 753

Delta R.T. 0.006 min

Lab File: VX040182.D

Acq: 09 Feb 2024 18:28

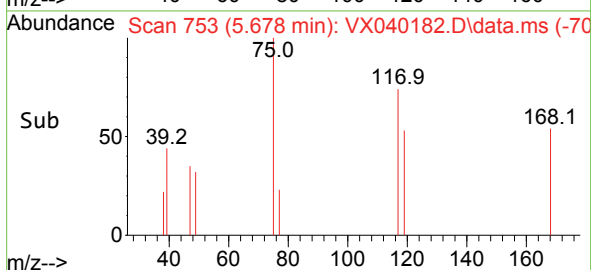
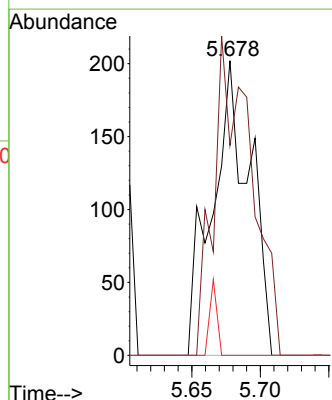
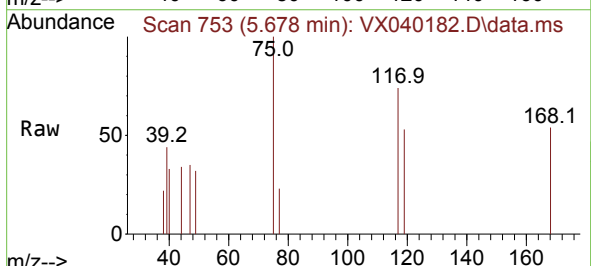
Tgt Ion: 117 Resp: 387

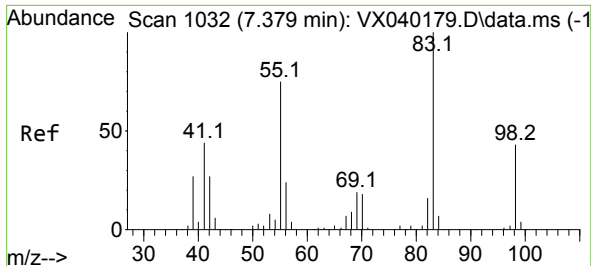
Ion Ratio Lower Upper

117 100

119 71.3 78.2 117.2#

121 0.0 24.4 36.6#

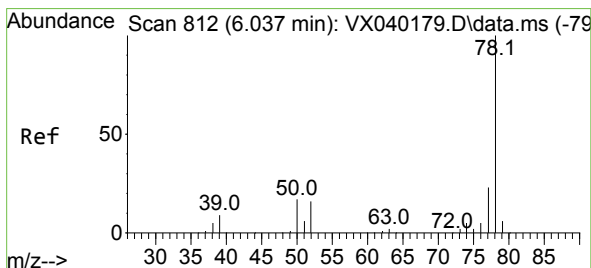
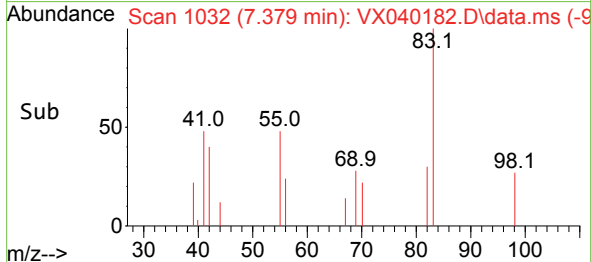
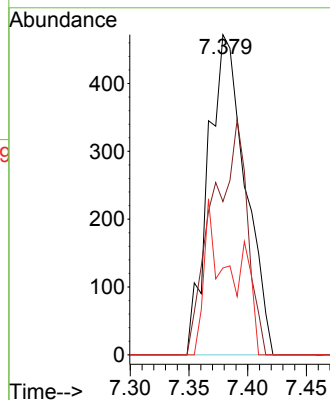
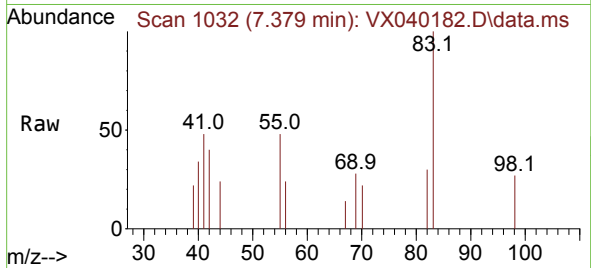




#39
Methylcyclohexane
Concen: 0.722 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX040182.D
Acq: 09 Feb 2024 18:28

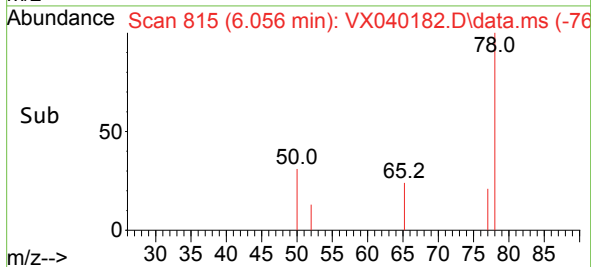
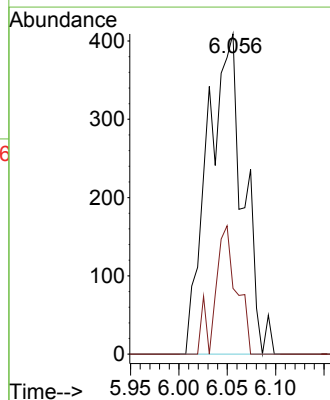
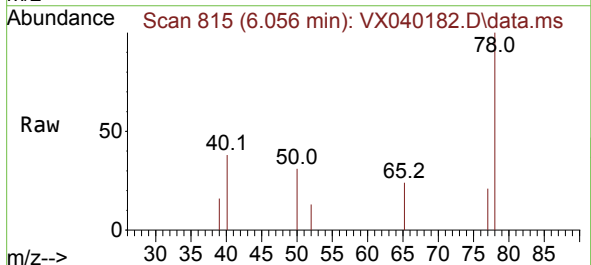
Instrument :
MSVOA_X
ClientSampleId :
IBLK

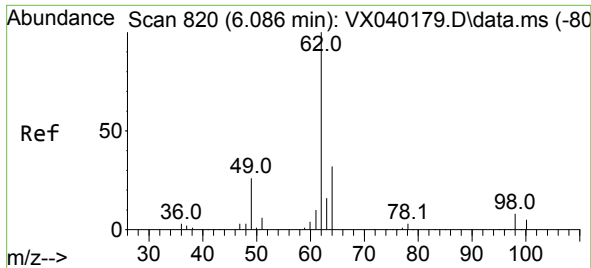
Tgt Ion: 83 Resp: 1032
Ion Ratio Lower Upper
83 100
55 47.9 64.6 97.0#
98 27.1 36.7 55.1#



#40
Benzene
Concen: 0.305 ug/l
RT: 6.056 min Scan# 815
Delta R.T. 0.018 min
Lab File: VX040182.D
Acq: 09 Feb 2024 18:28

Tgt Ion: 78 Resp: 1051
Ion Ratio Lower Upper
78 100
77 20.5 19.3 28.9

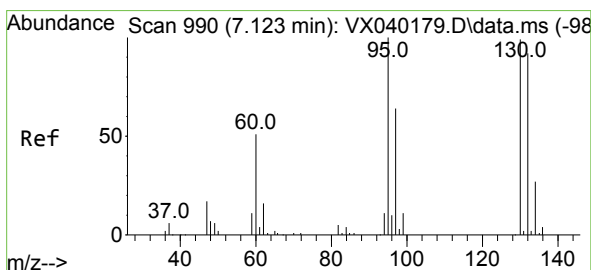
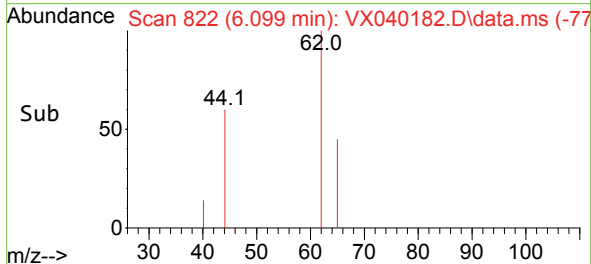
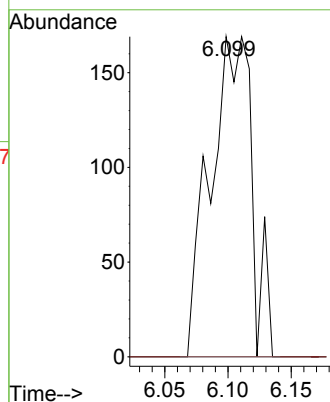
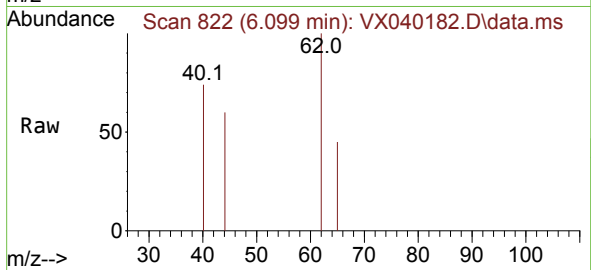




#42
1,2-Dichloroethane
Concen: 0.290 ug/l
RT: 6.099 min Scan# 81
Delta R.T. 0.012 min
Lab File: VX040182.D
Acq: 09 Feb 2024 18:28

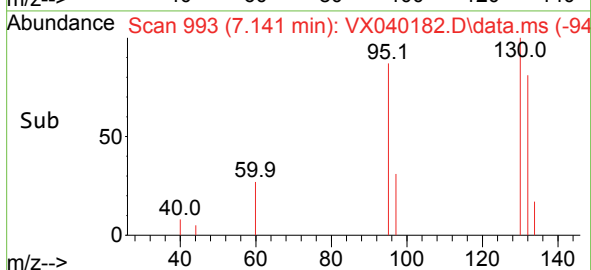
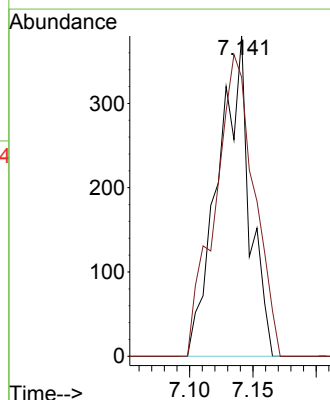
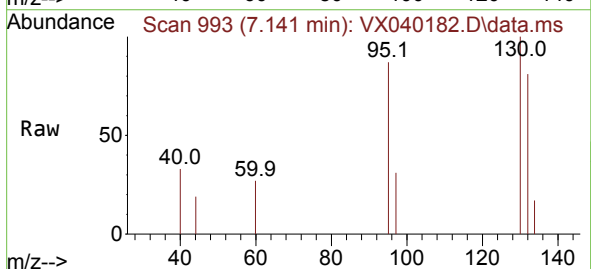
Instrument :
MSVOA_X
ClientSampleId :
IBLK

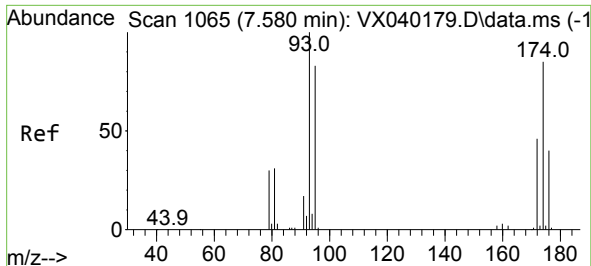
Tgt Ion: 62 Resp: 390
Ion Ratio Lower Upper
62 100
98 0.0 0.0 16.0



#44
Trichloroethene
Concen: 0.693 ug/l
RT: 7.141 min Scan# 993
Delta R.T. 0.012 min
Lab File: VX040182.D
Acq: 09 Feb 2024 18:28

Tgt Ion:130 Resp: 658
Ion Ratio Lower Upper
130 100
95 87.1 0.0 204.4

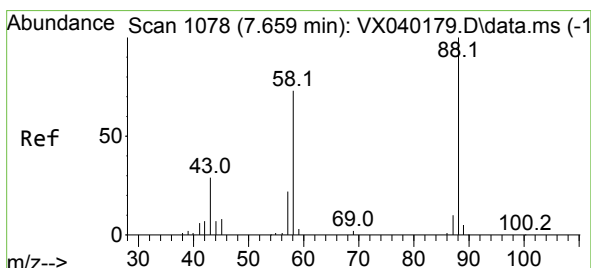
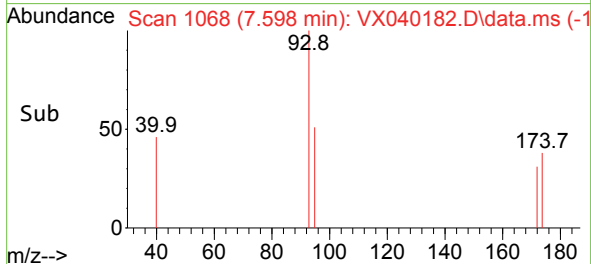
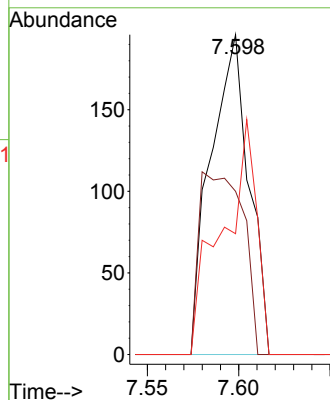
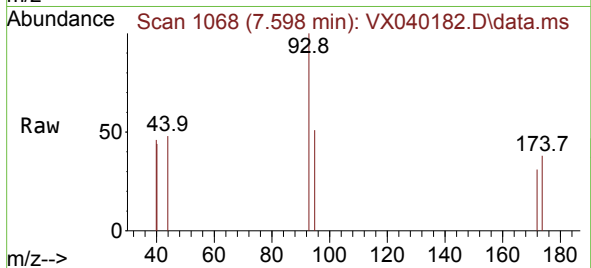




#46
Dibromomethane
Concen: 0.432 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. 0.012 min
Lab File: VX040182.D
Acq: 09 Feb 2024 18:28

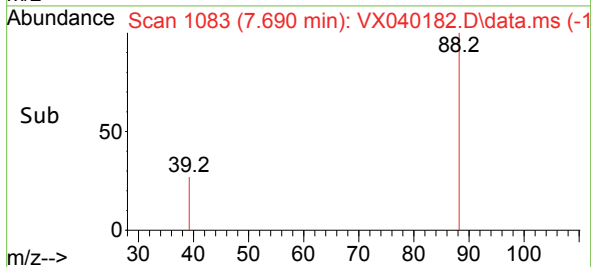
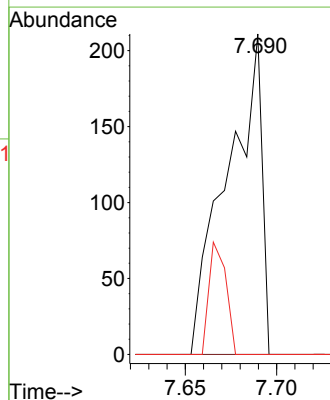
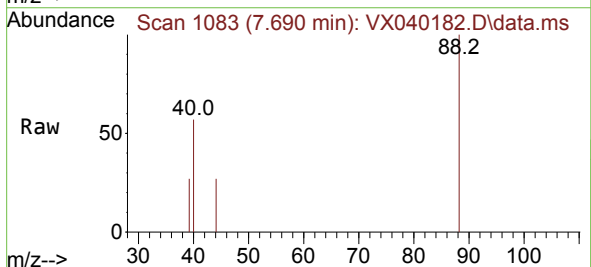
Instrument :
MSVOA_X
ClientSampleId :
IBLK

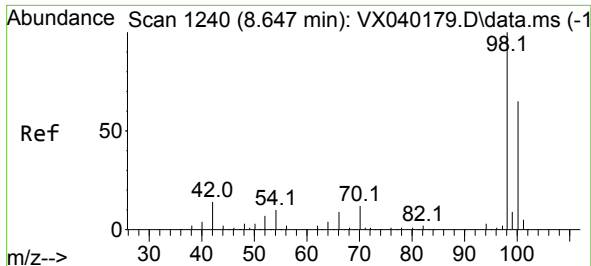
Tgt Ion: 93 Resp: 285
Ion Ratio Lower Upper
93 100
95 0.0 66.6 100.0#
174 66.0 69.4 104.0#



#49
1,4-Dioxane
Concen: 11.683 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.031 min
Lab File: VX040182.D
Acq: 09 Feb 2024 18:28

Tgt Ion: 88 Resp: 278
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 60.1 90.1#

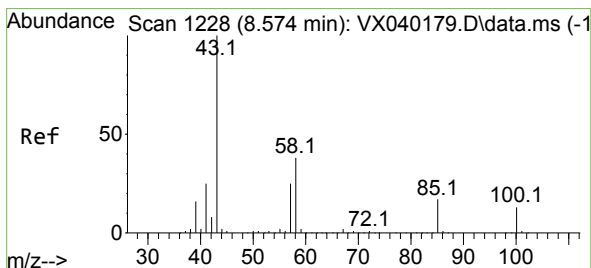
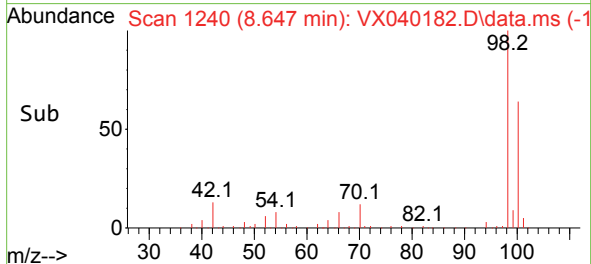
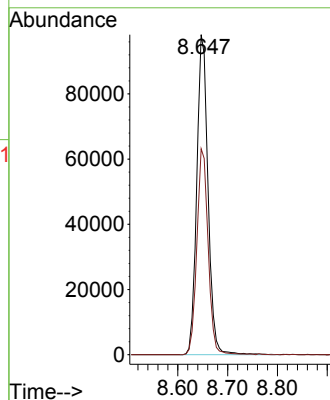
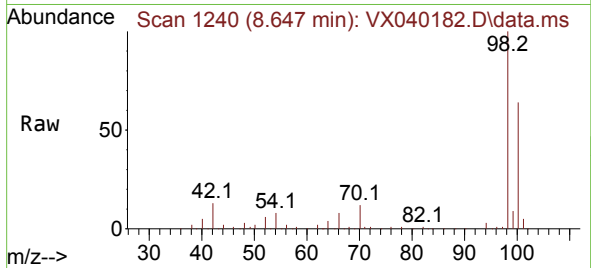




#50
Toluene-d8
Concen: 46.712 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040182.D
Acq: 09 Feb 2024 18:28

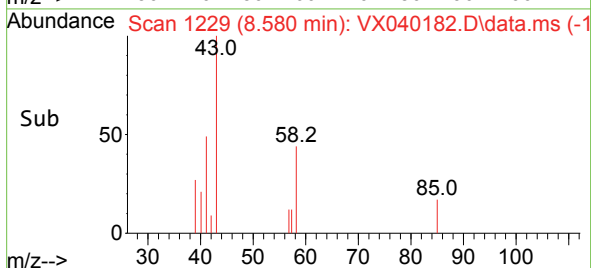
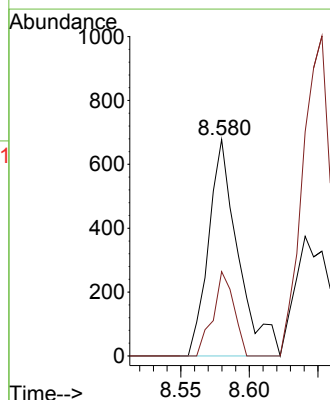
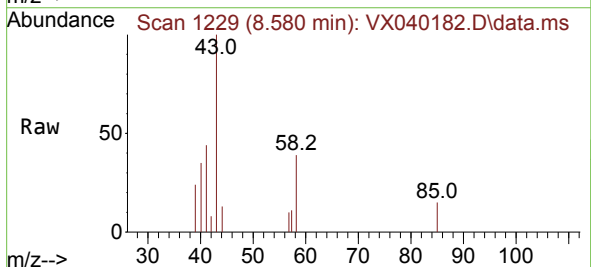
Instrument :
MSVOA_X
ClientSampleId :
IBLK

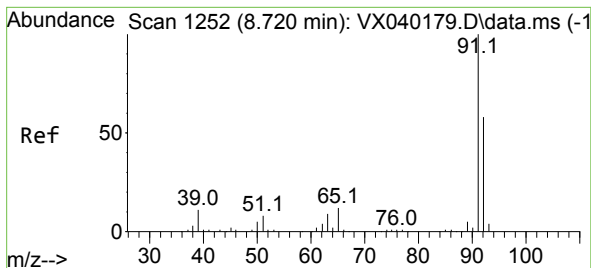
Tgt Ion: 98 Resp: 153512
Ion Ratio Lower Upper
98 100
100 64.5 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.695 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX040182.D
Acq: 09 Feb 2024 18:28

Tgt Ion: 43 Resp: 1015
Ion Ratio Lower Upper
43 100
58 27.5 30.4 45.6#





#52

Toluene

Concen: 0.396 ug/l

RT: 8.720 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX040182.D

Acq: 09 Feb 2024 18:28

Instrument :

MSVOA_X

ClientSampleId :

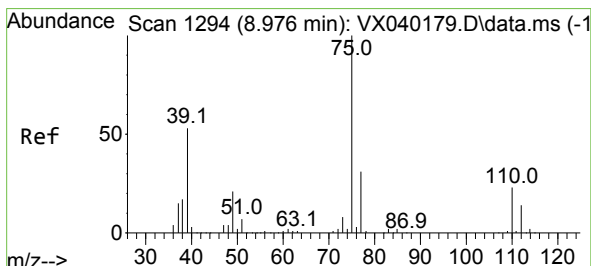
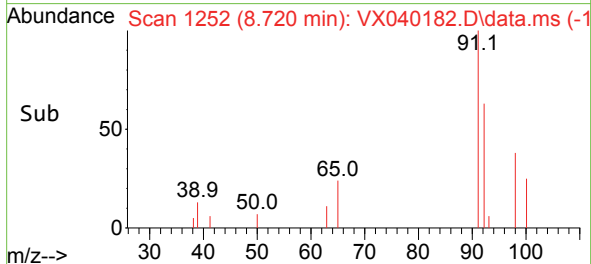
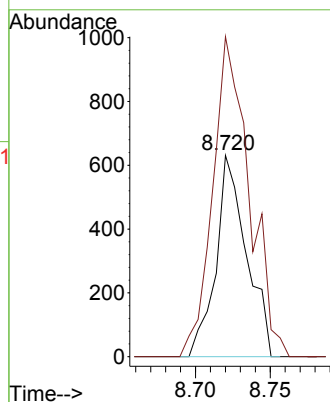
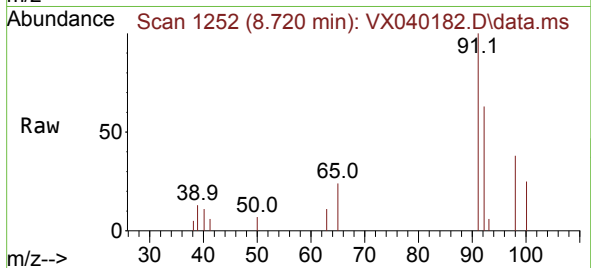
IBLK

Tgt Ion: 92 Resp: 892

Ion Ratio Lower Upper

92 100

91 191.7 134.2 201.2



#53

t-1,3-Dichloropropene

Concen: 2.340 ug/l

RT: 8.988 min Scan# 1296

Delta R.T. 0.012 min

Lab File: VX040182.D

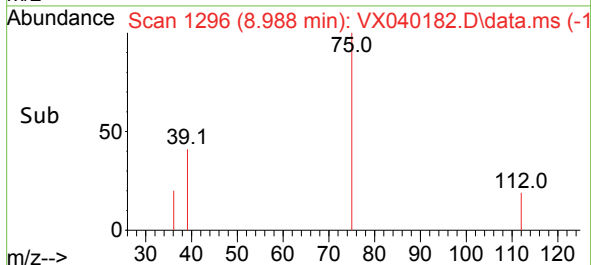
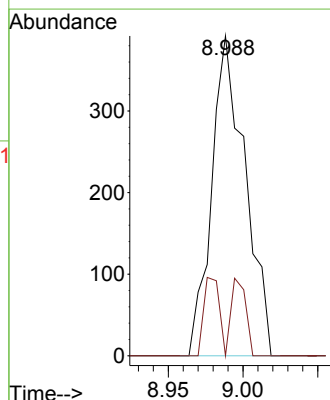
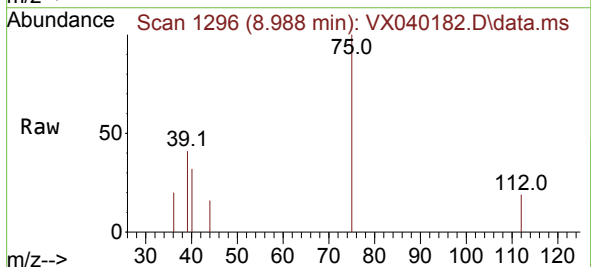
Acq: 09 Feb 2024 18:28

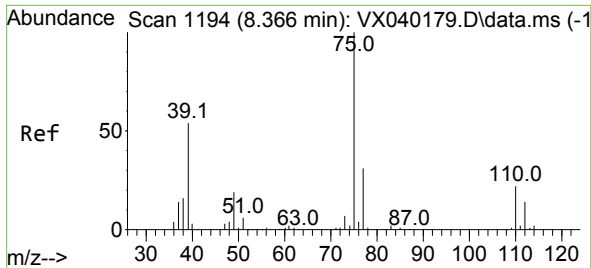
Tgt Ion: 75 Resp: 609

Ion Ratio Lower Upper

75 100

77 0.0 25.7 38.5#

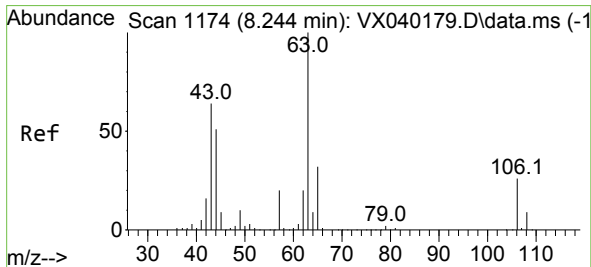
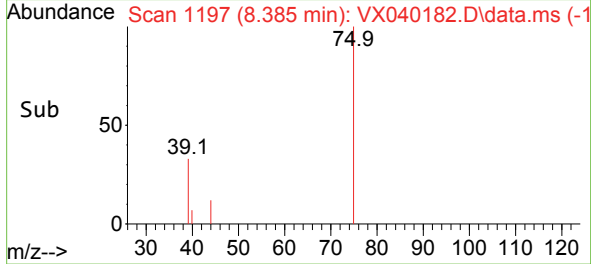
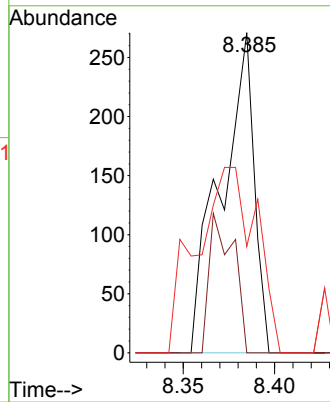
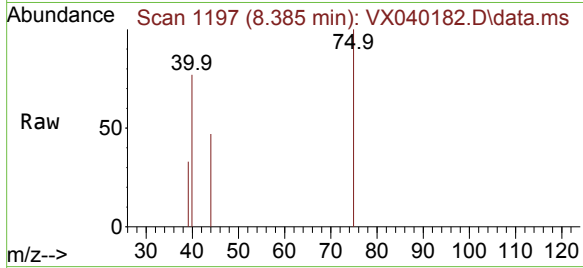




#54
 cis-1,3-Dichloropropene
 Concen: 0.241 ug/l
 RT: 8.385 min Scan# 1197
 Delta R.T. 0.018 min
 Lab File: VX040182.D
 Acq: 09 Feb 2024 18:28

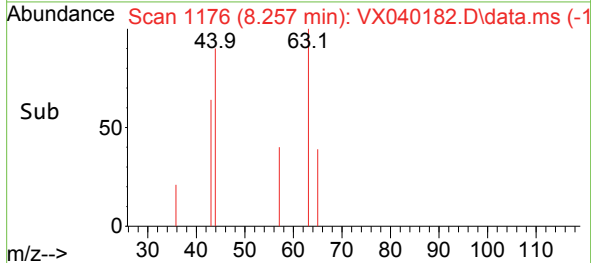
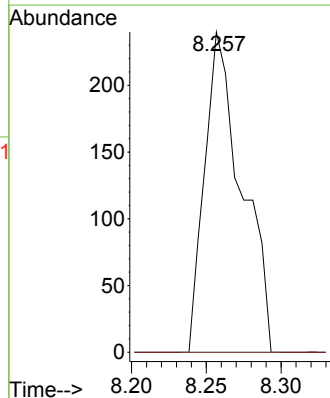
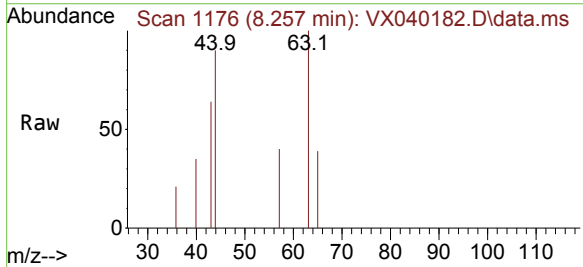
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

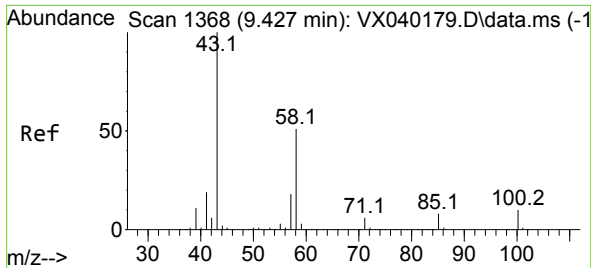
Tgt Ion: 75 Resp: 343
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.3 37.9#
 39 33.2 46.7 70.1#



#58
 2-Chloroethyl Vinyl ether
 Concen: 0.608 ug/l
 RT: 8.257 min Scan# 1176
 Delta R.T. 0.012 min
 Lab File: VX040182.D
 Acq: 09 Feb 2024 18:28

Tgt Ion: 63 Resp: 414
 Ion Ratio Lower Upper
 63 100
 106 0.0 22.5 33.7#

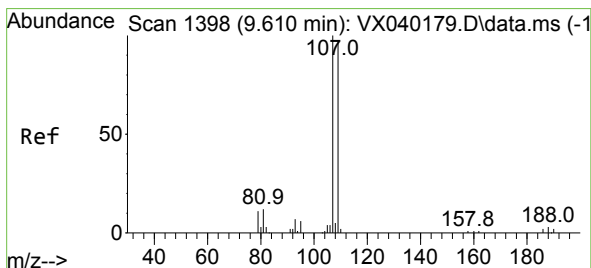
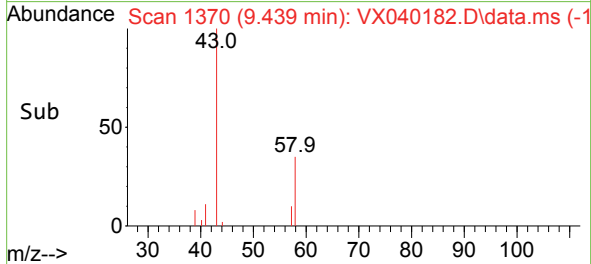
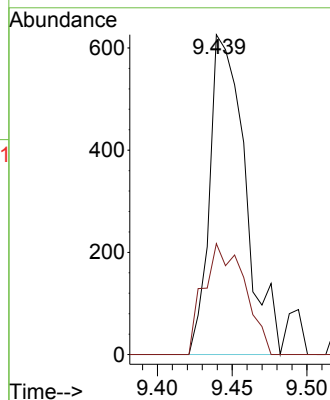
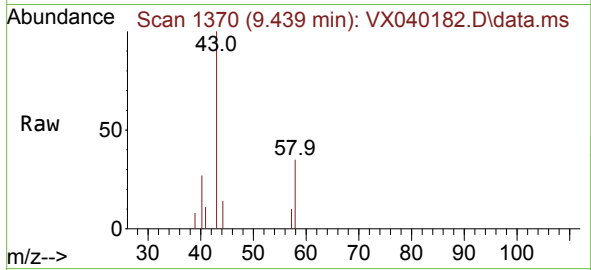




#59
2-Hexanone
Concen: 0.889 ug/l
RT: 9.439 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX040182.D
Acq: 09 Feb 2024 18:28

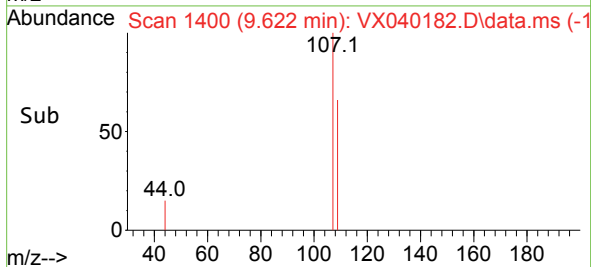
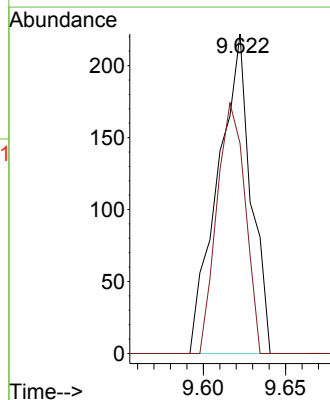
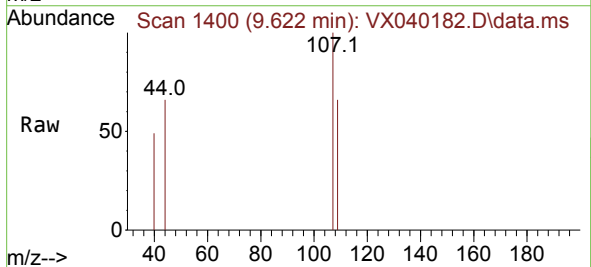
Instrument :
MSVOA_X
ClientSampleId :
IBLK

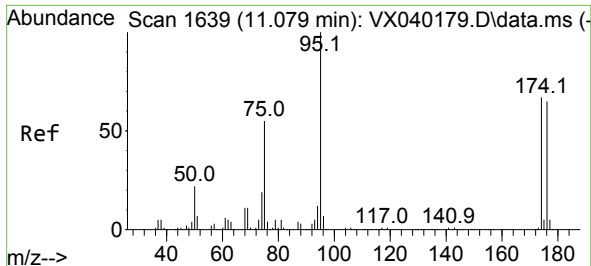
Tgt Ion: 43 Resp: 1029
Ion Ratio Lower Upper
43 100
58 40.1 26.2 78.5



#61
1,2-Dibromoethane
Concen: 0.303 ug/l
RT: 9.622 min Scan# 1400
Delta R.T. 0.012 min
Lab File: VX040182.D
Acq: 09 Feb 2024 18:28

Tgt Ion: 107 Resp: 310
Ion Ratio Lower Upper
107 100
109 67.1 75.2 112.8#

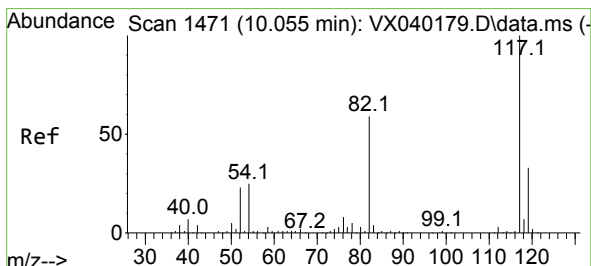
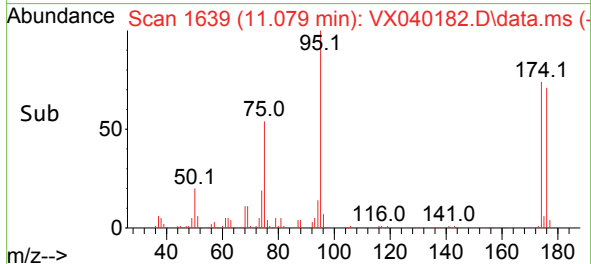
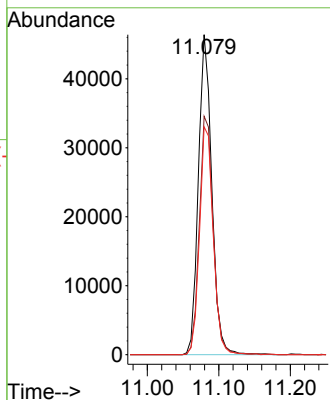
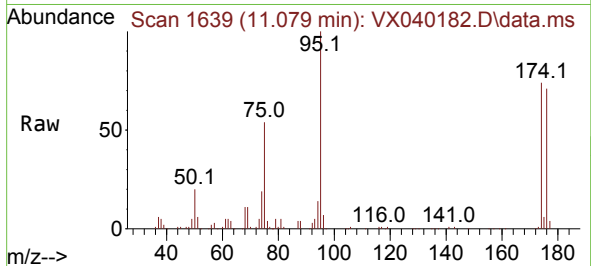




#62
4-Bromofluorobenzene
Concen: 45.101 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040182.D
Acq: 09 Feb 2024 18:28

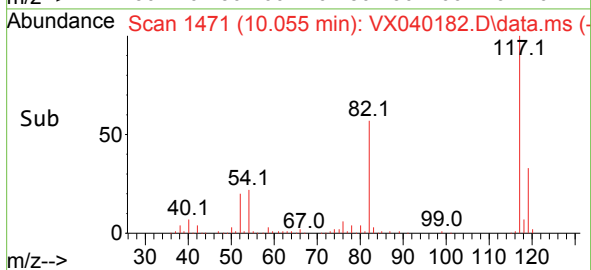
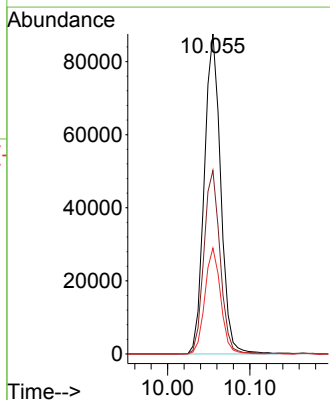
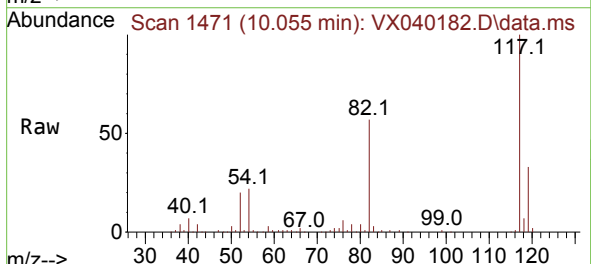
Instrument :
MSVOA_X
ClientSampleId :
IBLK

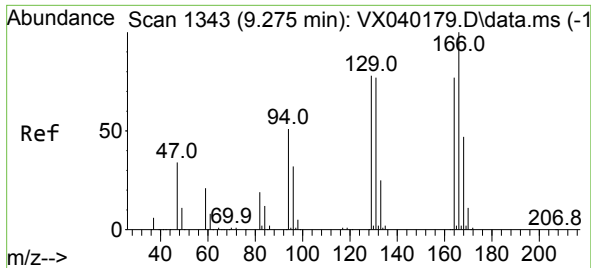
Tgt Ion: 95 Resp: 60449
Ion Ratio Lower Upper
95 100
174 76.9 0.0 135.6
176 72.6 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040182.D
Acq: 09 Feb 2024 18:28

Tgt Ion: 117 Resp: 121187
Ion Ratio Lower Upper
117 100
82 57.3 46.2 69.4
119 33.1 25.5 38.3



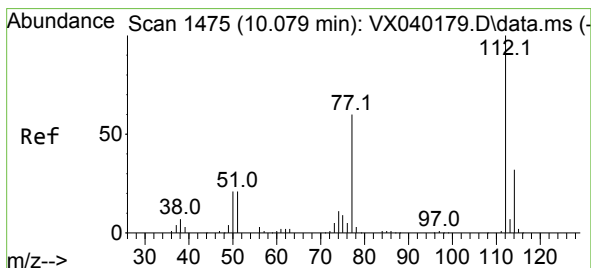
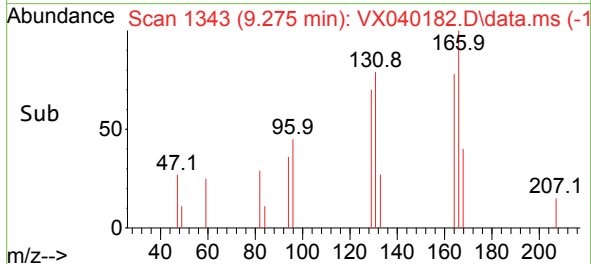
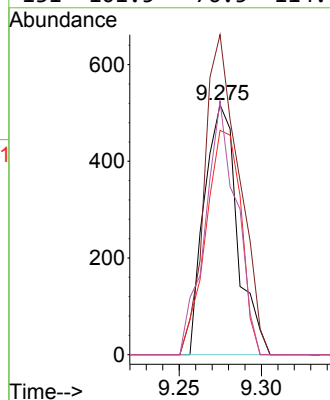
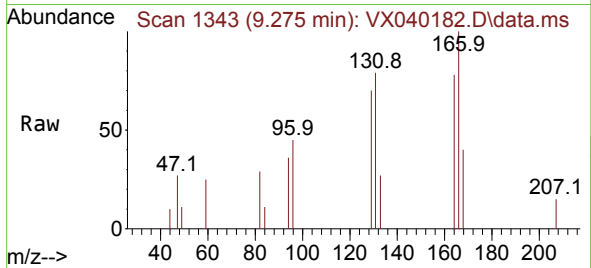


#64
Tetrachloroethene
Concen: 0.849 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040182.D
Acq: 09 Feb 2024 18:28

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:164 Resp: 721

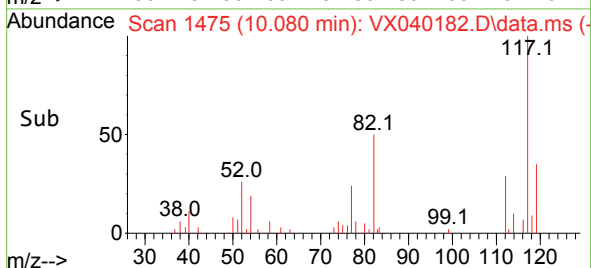
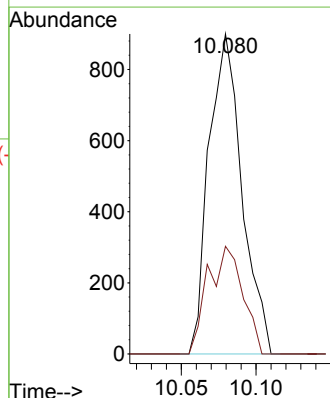
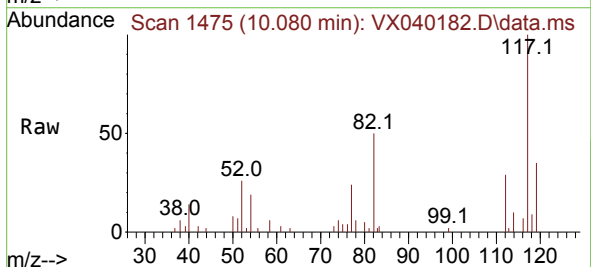
Ion	Ratio	Lower	Upper
164	100		
166	128.0	102.7	154.1
129	89.7	80.4	120.6
131	101.5	76.5	114.7

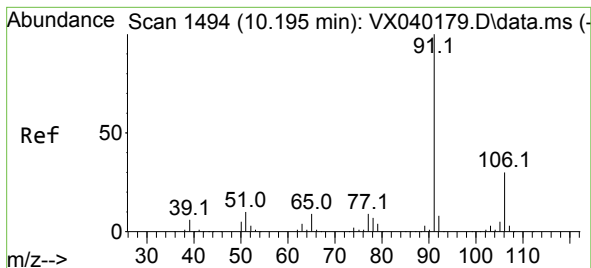


#65
Chlorobenzene
Concen: 0.546 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX040182.D
Acq: 09 Feb 2024 18:28

Tgt Ion:112 Resp: 1382

Ion	Ratio	Lower	Upper
112	100		
114	33.7	25.7	38.5





#67

Ethyl Benzene

Concen: 0.519 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX040182.D

Acq: 09 Feb 2024 18:28

Instrument :

MSVOA_X

ClientSampleId :

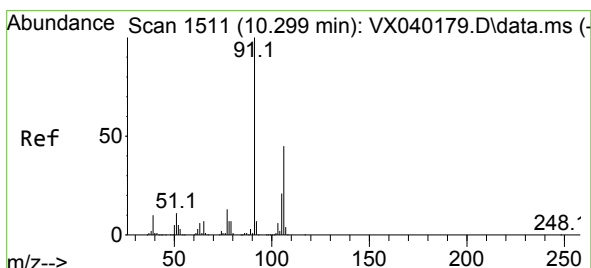
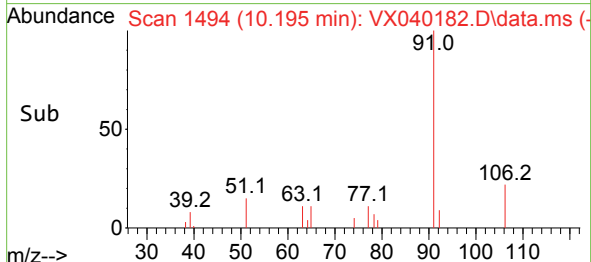
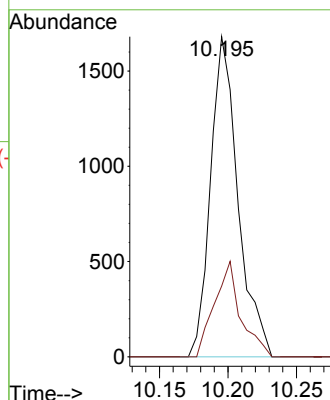
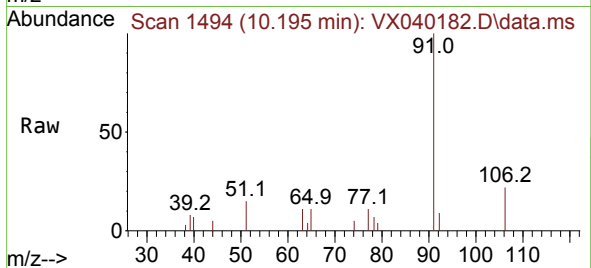
IBLK

Tgt Ion: 91 Resp: 2336

Ion Ratio Lower Upper

91 100

106 22.1 24.9 37.3#



#68

m/p-Xylenes

Concen: 1.082 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX040182.D

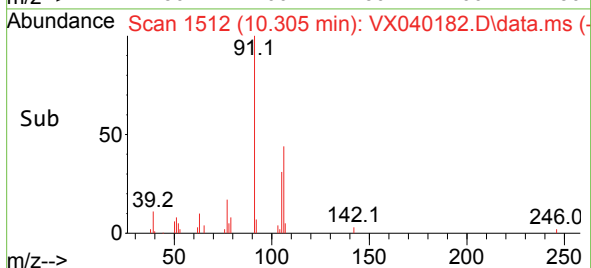
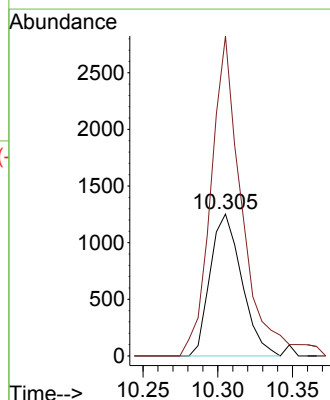
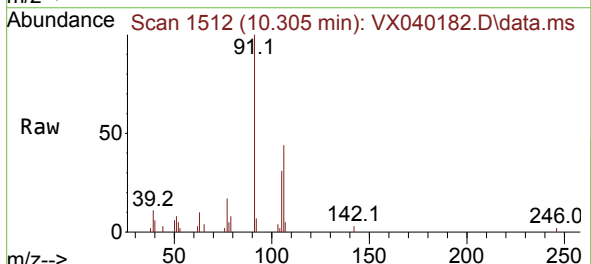
Acq: 09 Feb 2024 18:28

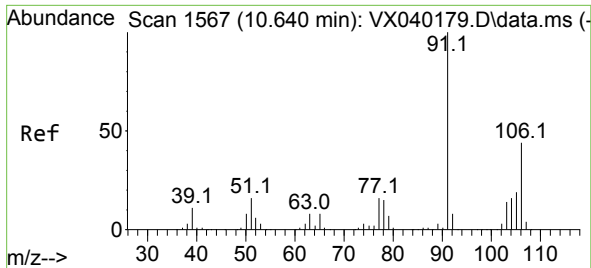
Tgt Ion: 106 Resp: 1840

Ion Ratio Lower Upper

106 100

91 222.3 165.5 248.3

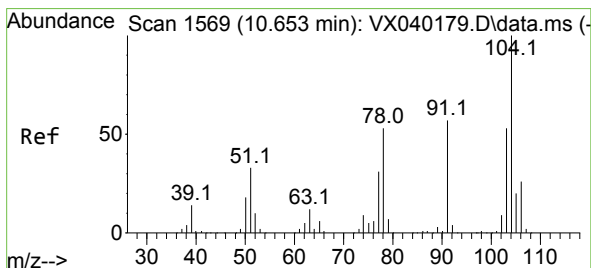
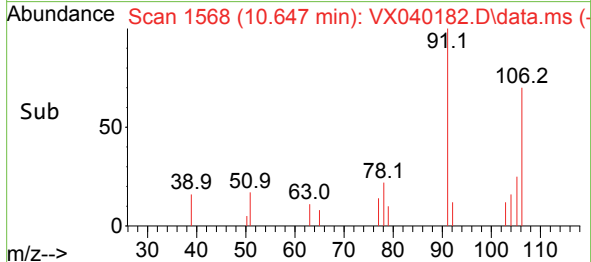
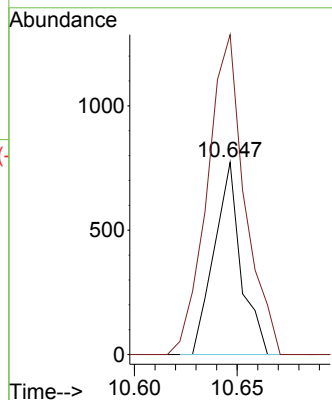
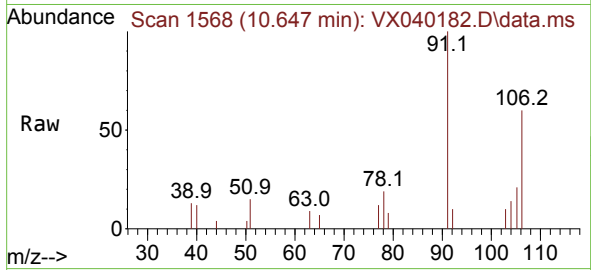




#69
o-Xylene
Concen: 0.424 ug/l
RT: 10.647 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX040182.D
Acq: 09 Feb 2024 18:28

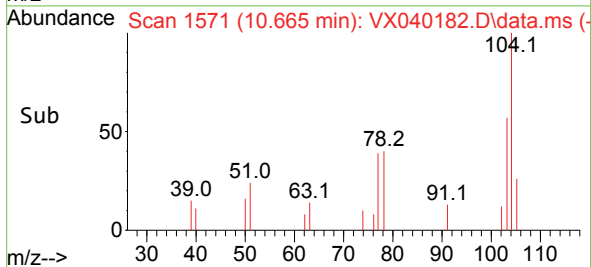
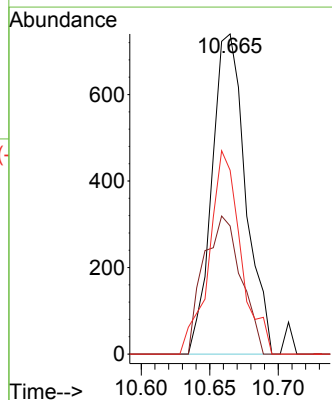
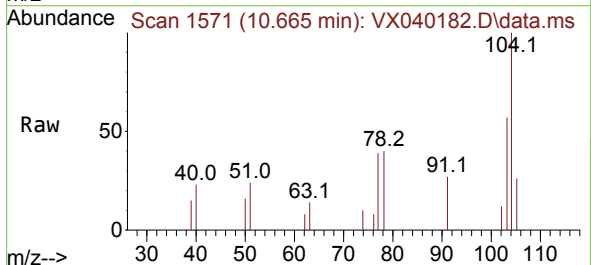
Instrument :
MSVOA_X
ClientSampleId :
IBLK

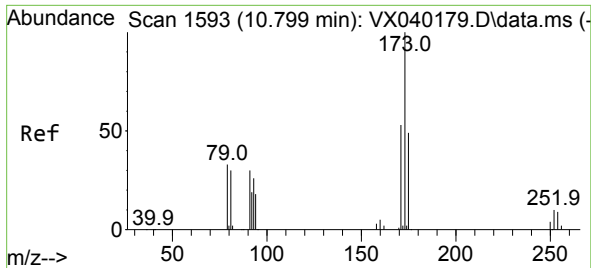
Tgt Ion:106 Resp: 701
Ion Ratio Lower Upper
106 100
91 233.2 108.9 326.8



#70
Styrene
Concen: 0.461 ug/l
RT: 10.665 min Scan# 1571
Delta R.T. 0.012 min
Lab File: VX040182.D
Acq: 09 Feb 2024 18:28

Tgt Ion:104 Resp: 1268
Ion Ratio Lower Upper
104 100
78 47.9 43.6 65.4
103 59.5 43.6 65.4

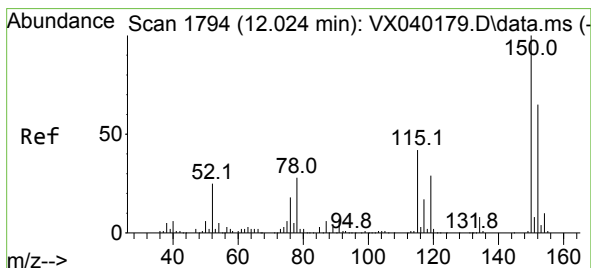
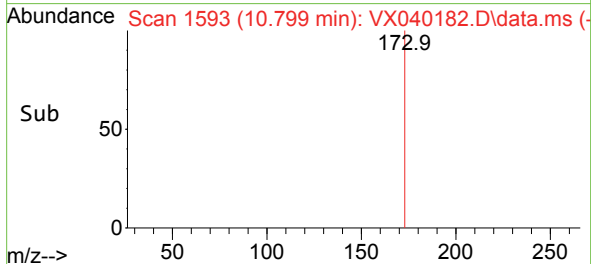
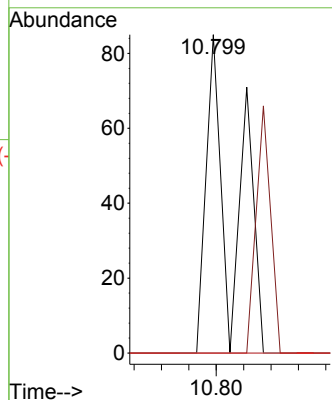
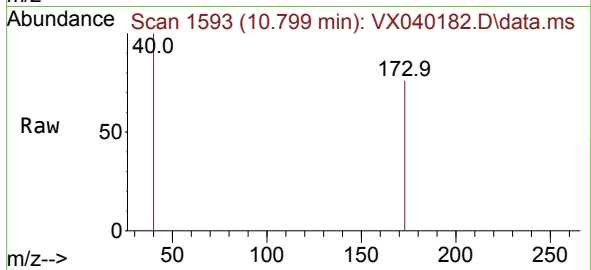




#71
Bromoform
Concen: 2.139 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX040182.D
Acq: 09 Feb 2024 18:28

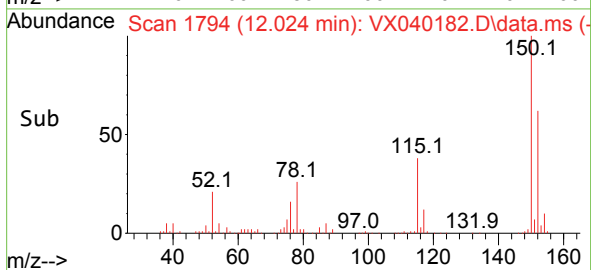
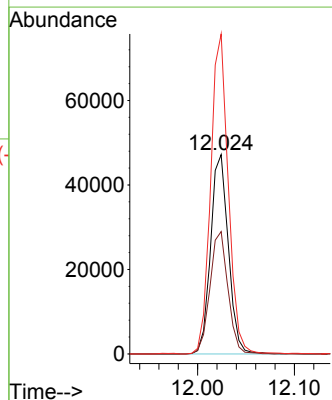
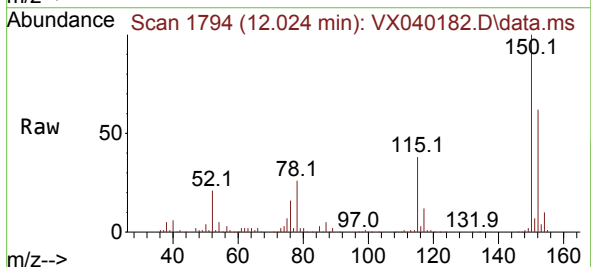
Instrument :
MSVOA_X
ClientSampleId :
IBLK

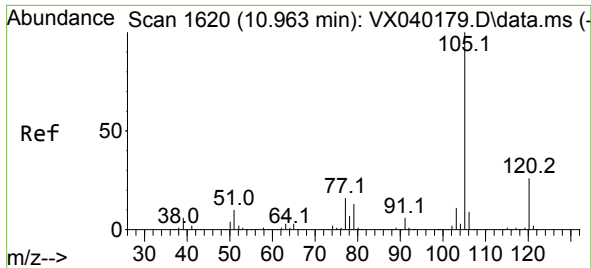
Tgt Ion:173 Resp: 57
Ion Ratio Lower Upper
173 100
175 0.0 24.1 72.4#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX040182.D
Acq: 09 Feb 2024 18:28

Tgt Ion:152 Resp: 60287
Ion Ratio Lower Upper
152 100
115 62.4 43.3 129.9
150 159.1 0.0 345.0

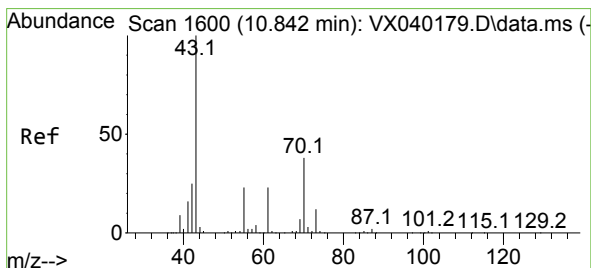
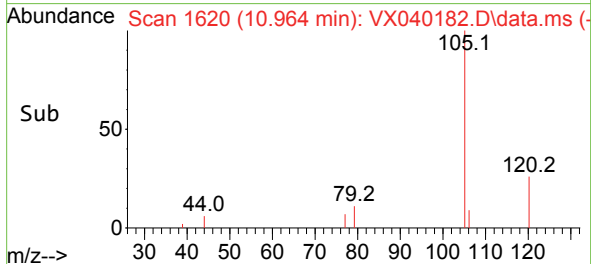
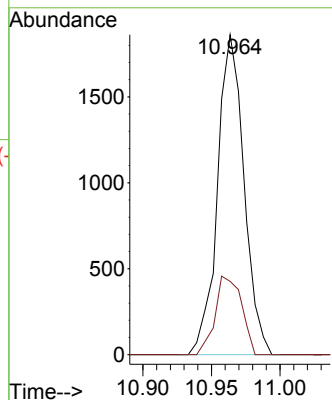
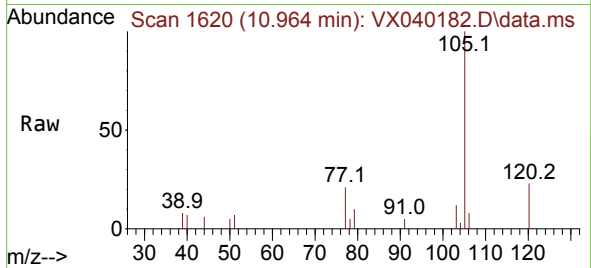




#73
Isopropylbenzene
Concen: 0.590 ug/l
RT: 10.964 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VX040182.D
Acq: 09 Feb 2024 18:28

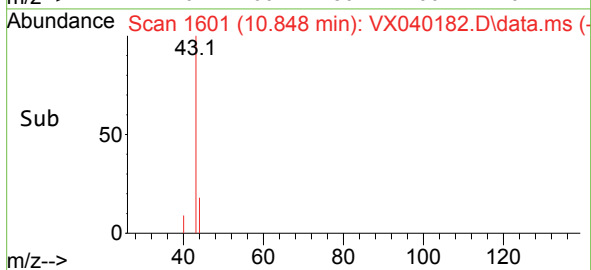
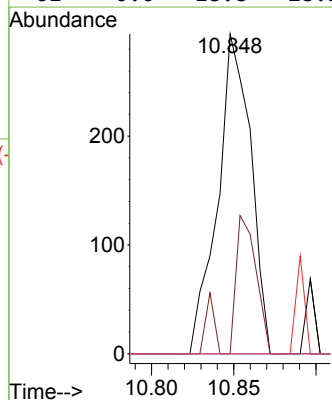
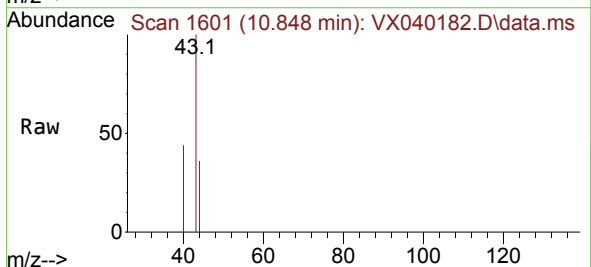
Instrument :
MSVOA_X
ClientSampleId :
IBLK

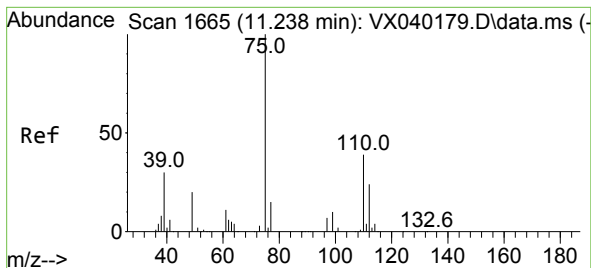
Tgt Ion:105 Resp: 2506
Ion Ratio Lower Upper
105 100
120 24.3 12.9 38.6



#74
N-ethyl acetate
Concen: 0.226 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VX040182.D
Acq: 09 Feb 2024 18:28

Tgt Ion: 43 Resp: 412
Ion Ratio Lower Upper
43 100
70 26.0 32.9 49.3#
55 0.0 19.3 28.9#
61 0.0 18.8 28.2#





#76

1,2,3-Trichloropropane

Concen: 26.966 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.158 min

Lab File: VX040182.D

Acq: 09 Feb 2024 18:28

Instrument :

MSVOA_X

ClientSampleId :

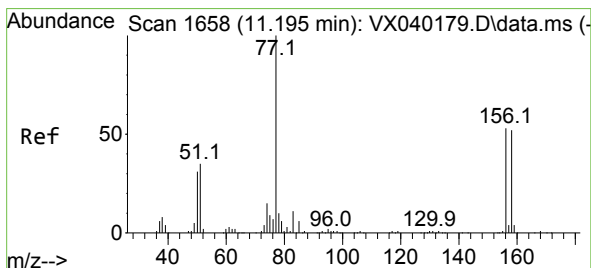
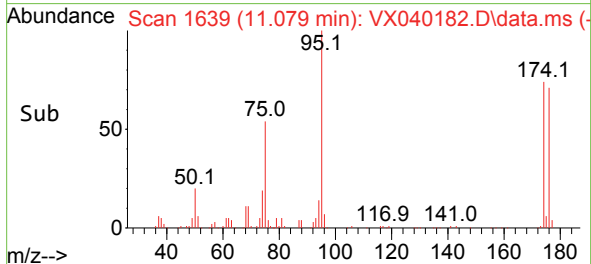
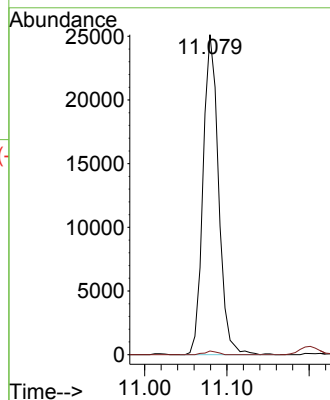
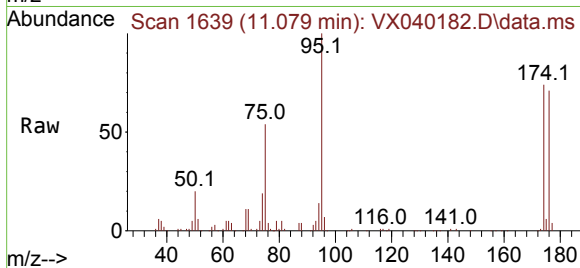
IBLK

Tgt Ion: 75 Resp: 32921

Ion Ratio Lower Upper

75 100

77 0.9 19.1 57.5#



#77

Bromobenzene

Concen: 0.664 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.006 min

Lab File: VX040182.D

Acq: 09 Feb 2024 18:28

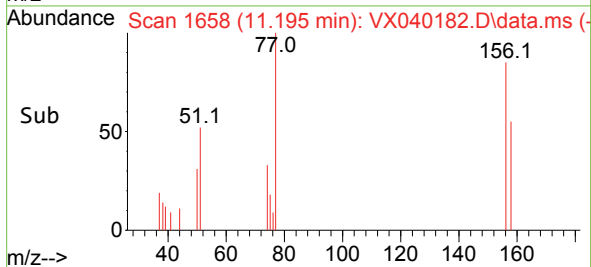
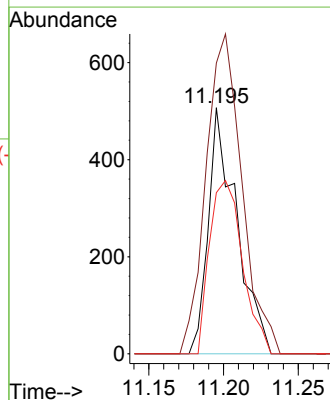
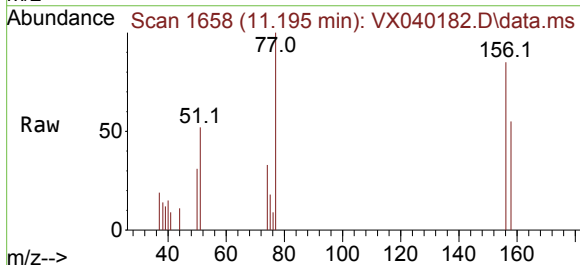
Tgt Ion:156 Resp: 666

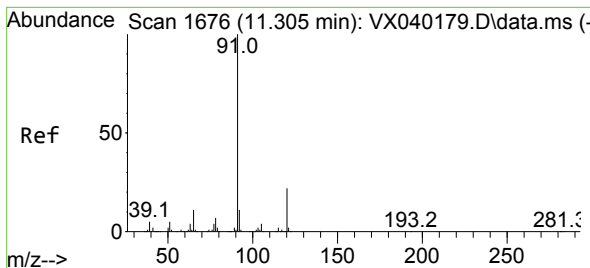
Ion Ratio Lower Upper

156 100

77 165.3 88.4 265.3

158 82.1 48.0 144.0





#78

n-propylbenzene

Concen: 0.852 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX040182.D

Acq: 09 Feb 2024 18:28

Instrument :

MSVOA_X

ClientSampleId :

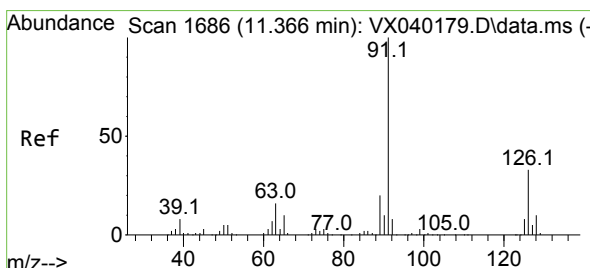
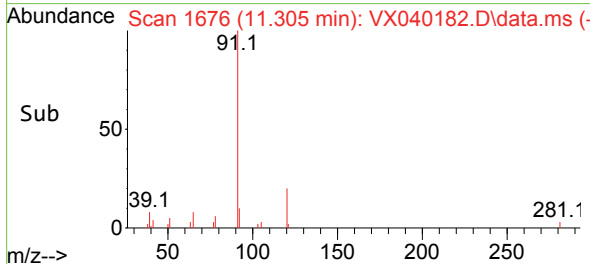
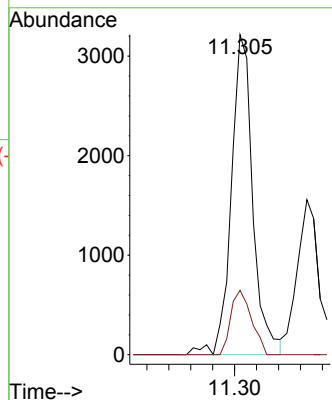
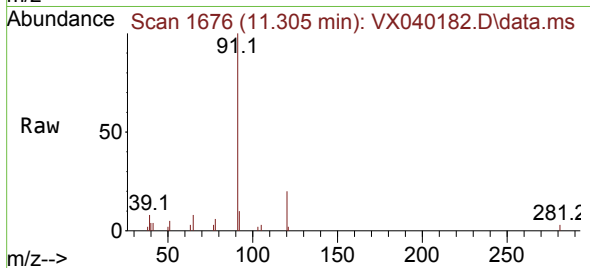
IBLK

Tgt Ion: 91 Resp: 4380

Ion Ratio Lower Upper

91 100

120 19.4 11.5 34.4



#79

2-Chlorotoluene

Concen: 0.684 ug/l

RT: 11.366 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VX040182.D

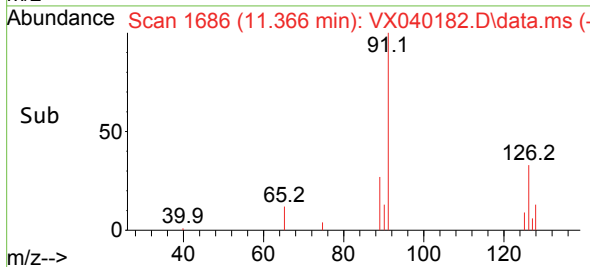
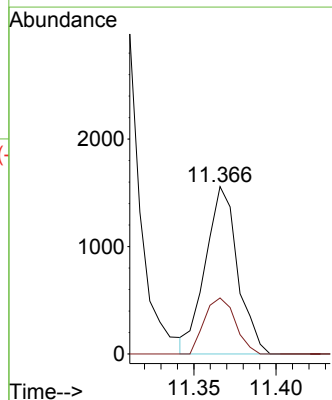
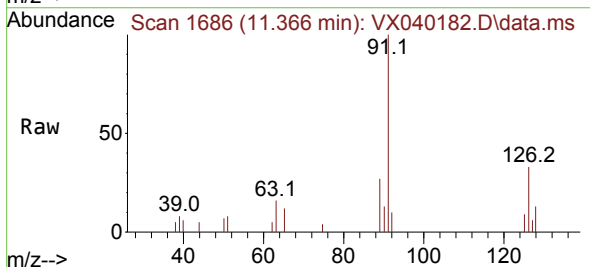
Acq: 09 Feb 2024 18:28

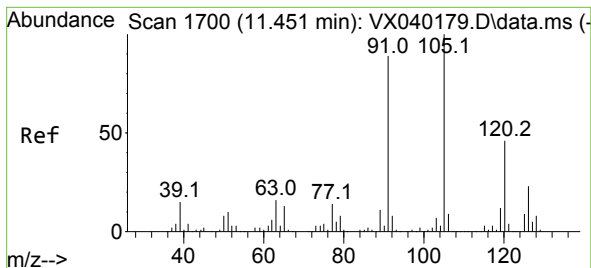
Tgt Ion: 91 Resp: 2124

Ion Ratio Lower Upper

91 100

126 32.1 16.3 48.8





#80

1,3,5-Trimethylbenzene

Concen: 0.662 ug/l

RT: 11.451 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX040182.D

Acq: 09 Feb 2024 18:28

Instrument :

MSVOA_X

ClientSampleId :

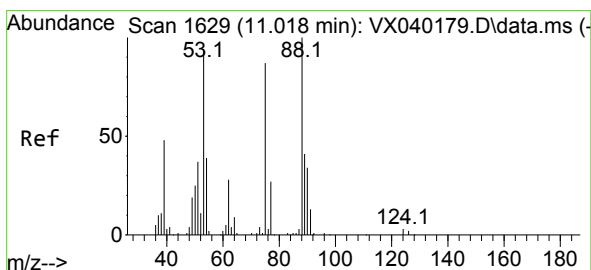
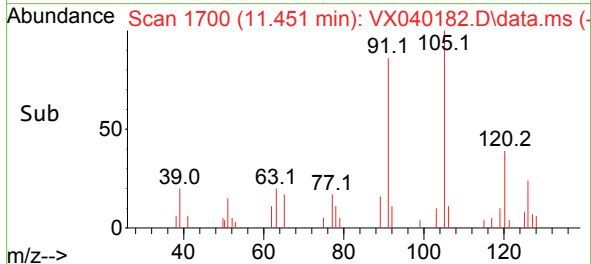
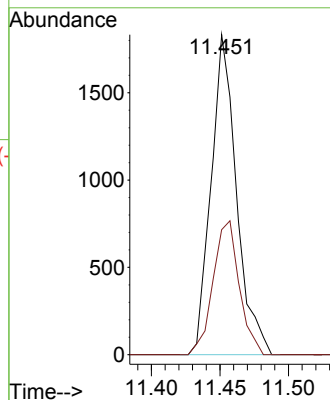
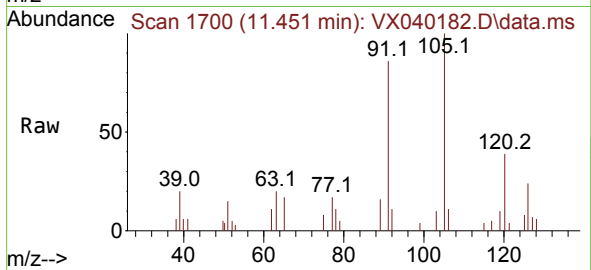
IBLK

Tgt Ion:105 Resp: 2365

Ion Ratio Lower Upper

105 100

120 43.1 24.1 72.3



#81

trans-1,4-Dichloro-2-butene

Concen: 73.897 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX040182.D

Acq: 09 Feb 2024 18:28

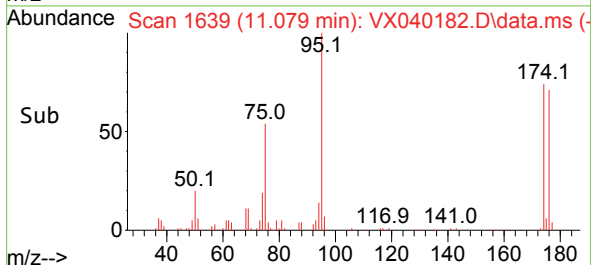
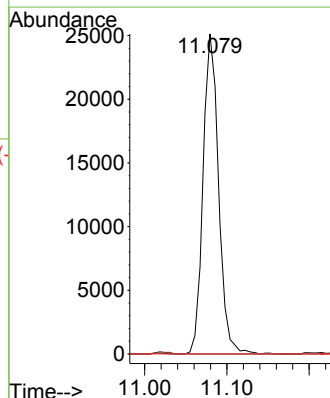
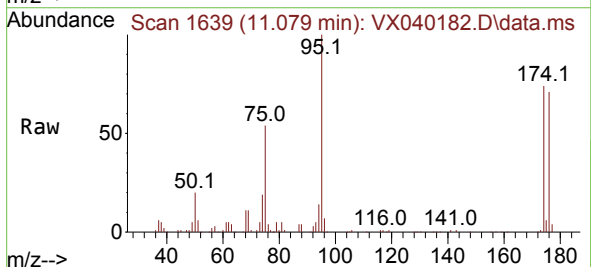
Tgt Ion: 75 Resp: 32921

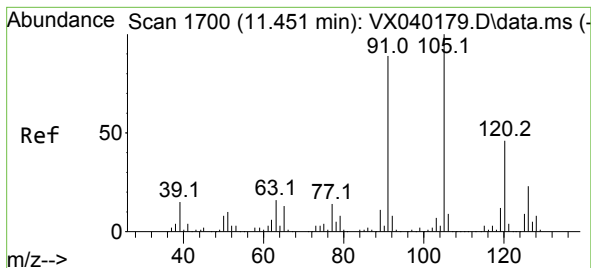
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

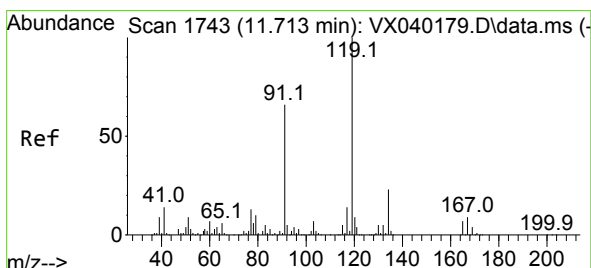
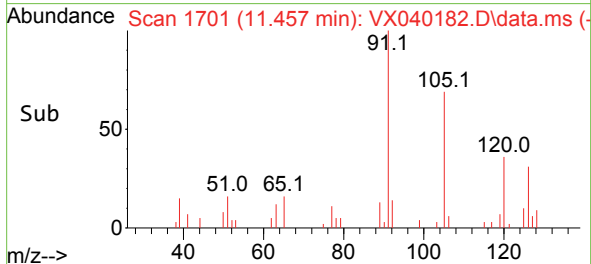
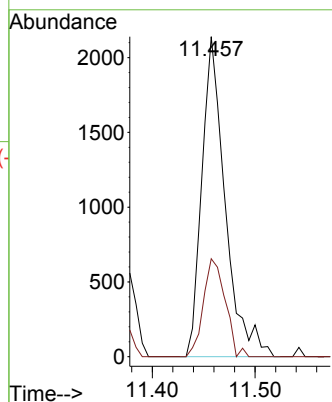
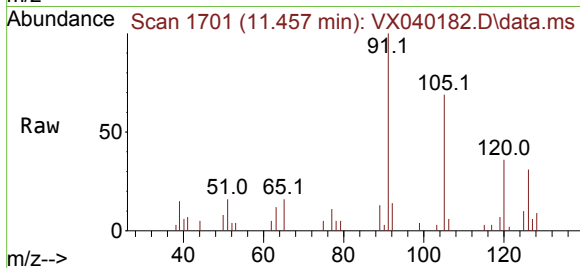




#82
4-Chlorotoluene
Concen: 0.917 ug/l
RT: 11.457 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX040182.D
Acq: 09 Feb 2024 18:28

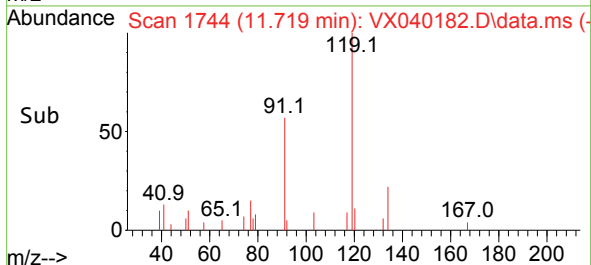
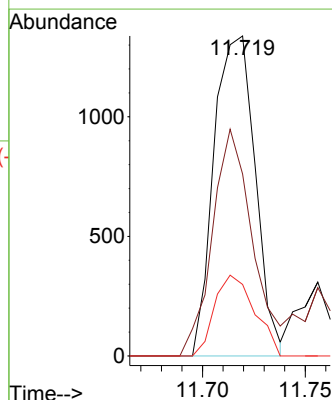
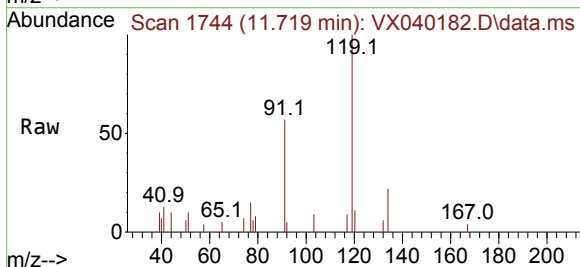
Instrument :
MSVOA_X
ClientSampleId :
IBLK

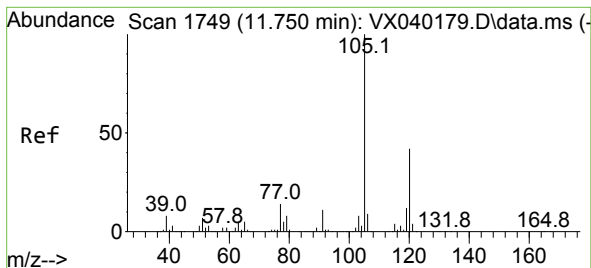
Tgt Ion: 91 Resp: 3373
Ion Ratio Lower Upper
91 100
126 28.6 14.2 42.6



#83
tert-Butylbenzene
Concen: 0.533 ug/l
RT: 11.719 min Scan# 1744
Delta R.T. 0.006 min
Lab File: VX040182.D
Acq: 09 Feb 2024 18:28

Tgt Ion: 119 Resp: 1868
Ion Ratio Lower Upper
119 100
91 68.9 31.2 93.6
134 24.6 11.7 35.0





#84

1,2,4-Trimethylbenzene

Concen: 0.680 ug/l

RT: 11.756 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX040182.D

Acq: 09 Feb 2024 18:28

Instrument :

MSVOA_X

ClientSampleId :

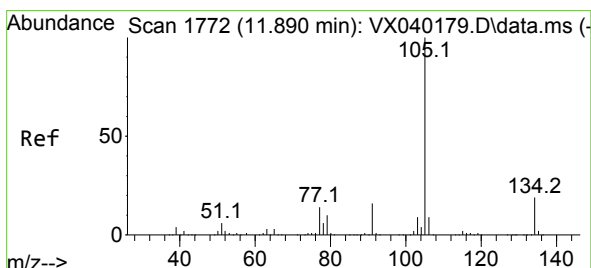
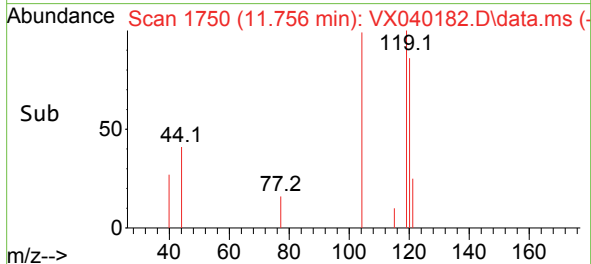
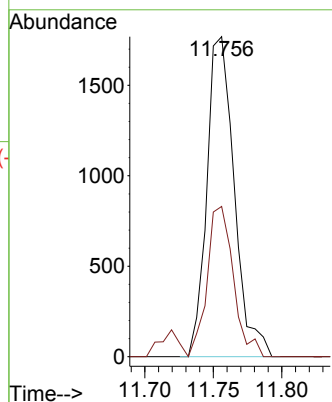
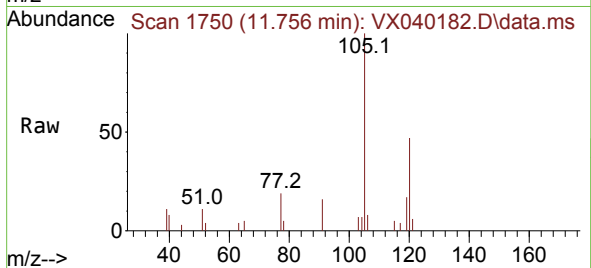
IBLK

Tgt Ion:105 Resp: 2461

Ion Ratio Lower Upper

105 100

120 44.9 21.2 63.6



#85

sec-Butylbenzene

Concen: 0.753 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX040182.D

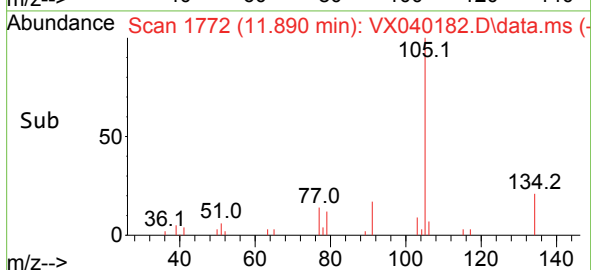
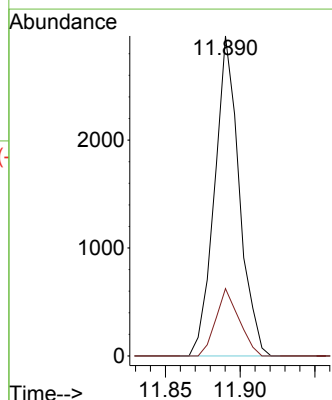
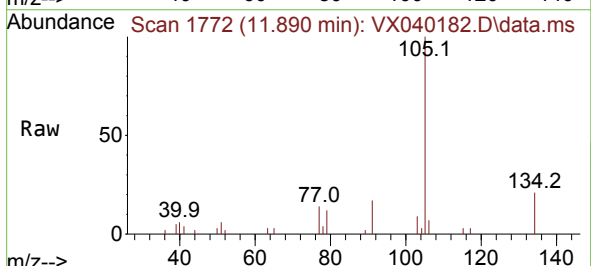
Acq: 09 Feb 2024 18:28

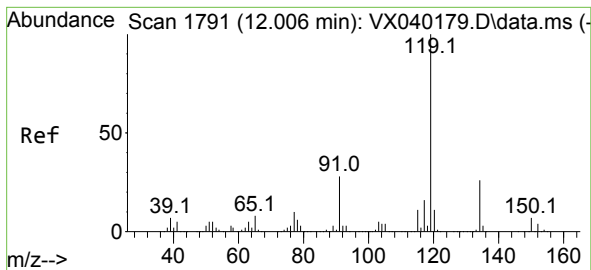
Tgt Ion:105 Resp: 3393

Ion Ratio Lower Upper

105 100

134 19.9 9.8 29.4





#86

p-Isopropyltoluene

Concen: 0.856 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. 0.006 min

Lab File: VX040182.D

Acq: 09 Feb 2024 18:28

Instrument :

MSVOA_X

ClientSampleId :

IBLK

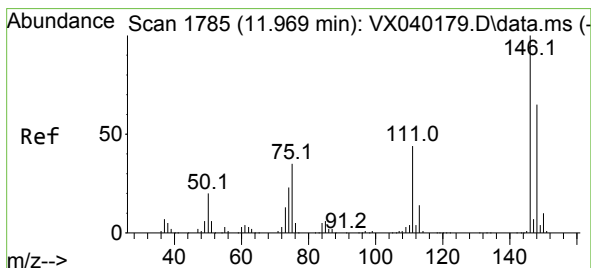
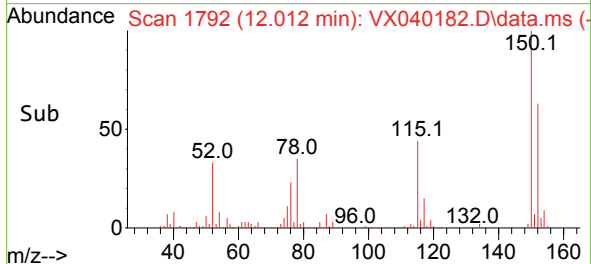
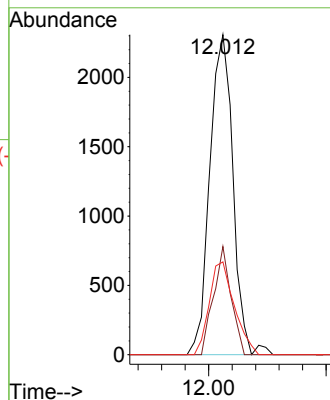
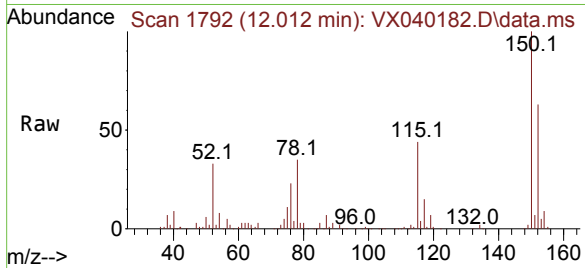
Tgt Ion:119 Resp: 3161

Ion Ratio Lower Upper

119 100

134 25.6 12.8 38.3

91 31.4 13.1 39.3



#87

1,3-Dichlorobenzene

Concen: 1.066 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX040182.D

Acq: 09 Feb 2024 18:28

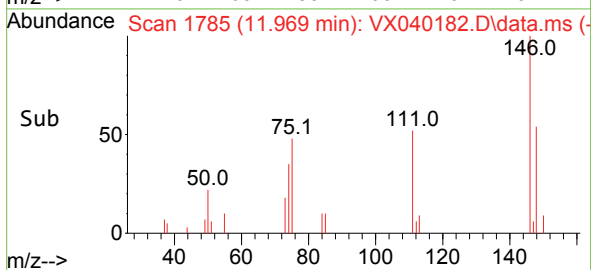
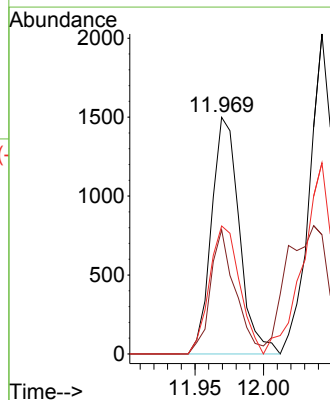
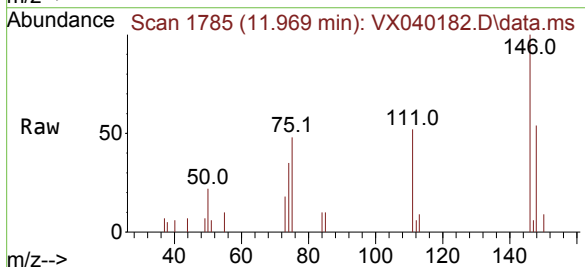
Tgt Ion:146 Resp: 2118

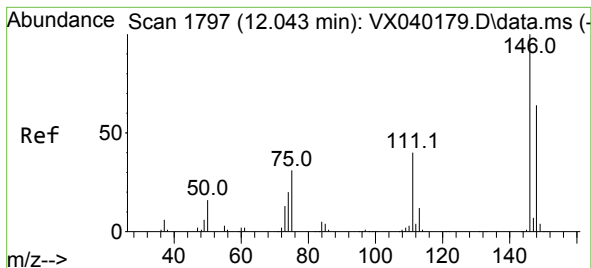
Ion Ratio Lower Upper

146 100

111 47.3 22.1 66.1

148 58.5 31.8 95.3





#88

1,4-Dichlorobenzene

Concen: 1.006 ug/l

RT: 11.969 min Scan# 1

Delta R.T. -0.073 min

Lab File: VX040182.D

Acq: 09 Feb 2024 18:28

Instrument :

MSVOA_X

ClientSampleId :

IBLK

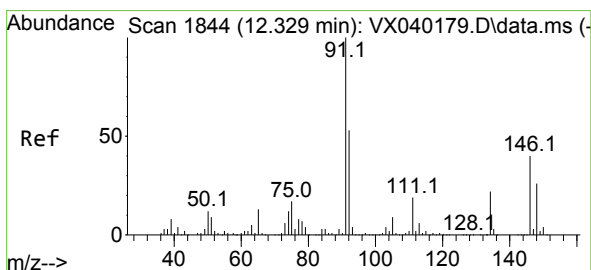
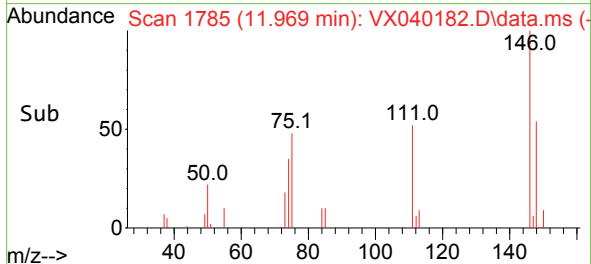
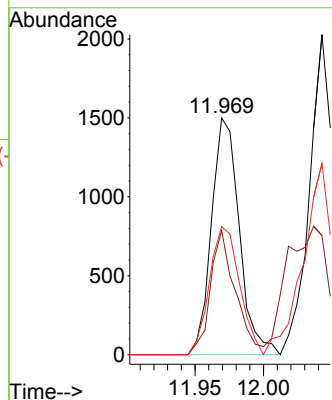
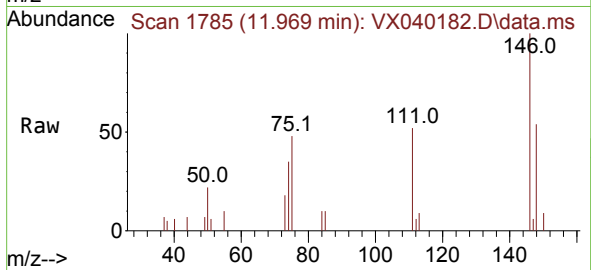
Tgt Ion:146 Resp: 2118

Ion Ratio Lower Upper

146 100

111 47.3 21.3 63.7

148 58.5 31.8 95.4



#89

n-Butylbenzene

Concen: 1.257 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX040182.D

Acq: 09 Feb 2024 18:28

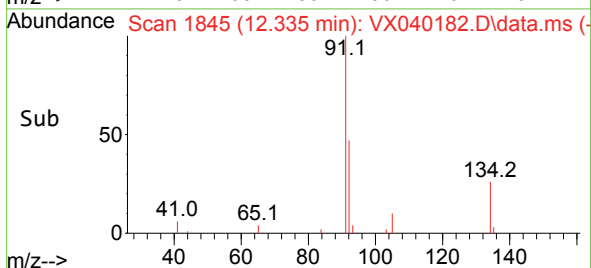
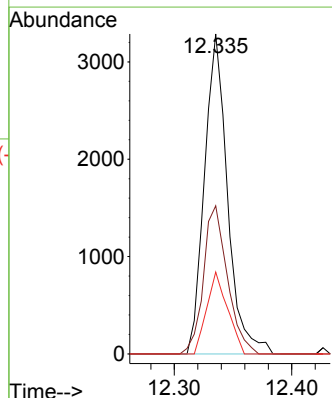
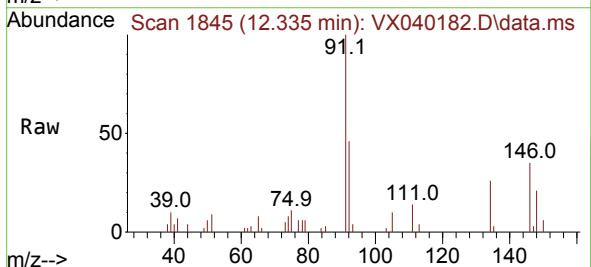
Tgt Ion: 91 Resp: 4480

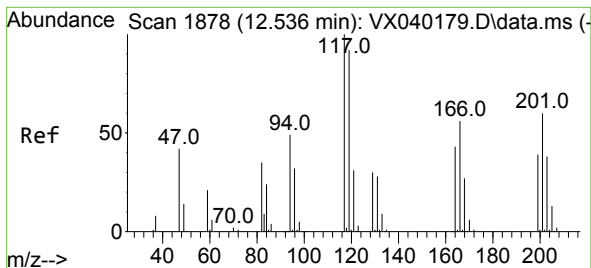
Ion Ratio Lower Upper

91 100

92 48.2 27.4 82.0

134 23.1 12.6 37.8





#90

Hexachloroethane

Concen: 0.574 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX040182.D

Acq: 09 Feb 2024 18:28

Instrument :

MSVOA_X

ClientSampleId :

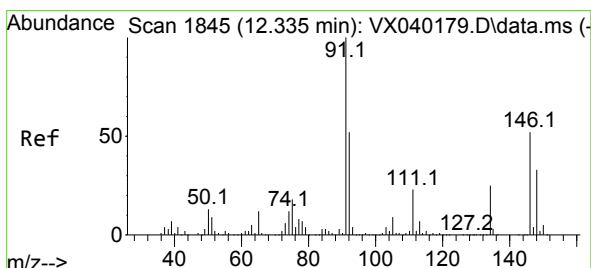
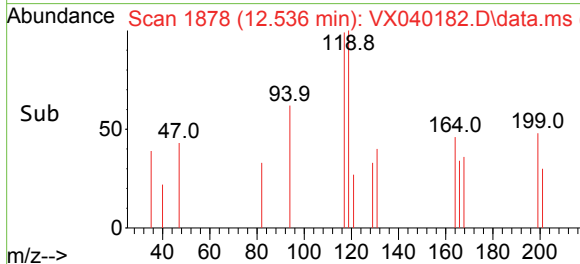
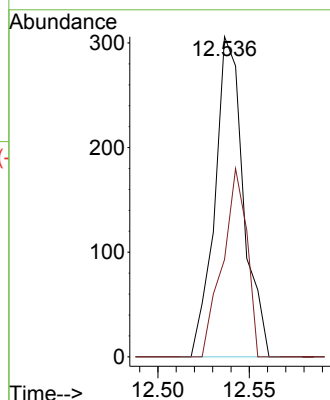
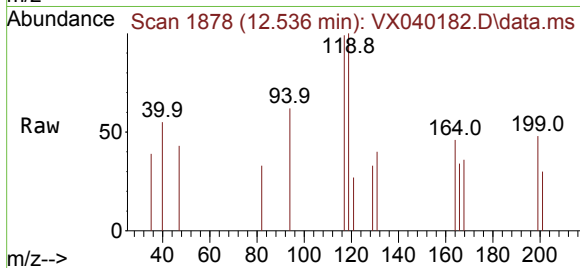
IBLK

Tgt Ion:117 Resp: 334

Ion Ratio Lower Upper

117 100

201 49.7 32.9 98.6



#91

1,2-Dichlorobenzene

Concen: 0.776 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX040182.D

Acq: 09 Feb 2024 18:28

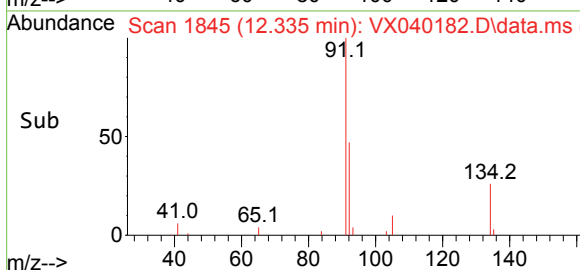
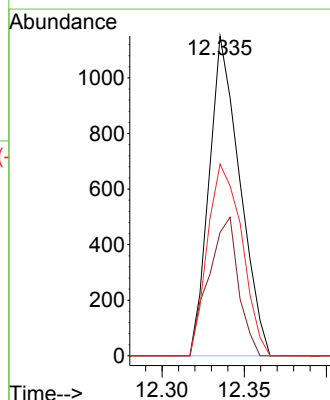
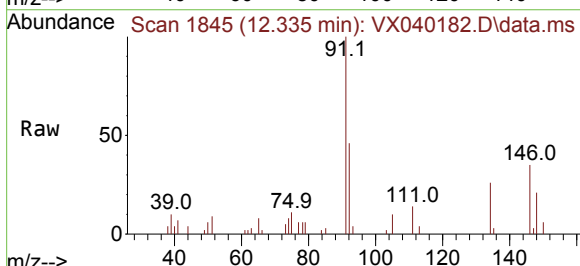
Tgt Ion:146 Resp: 1492

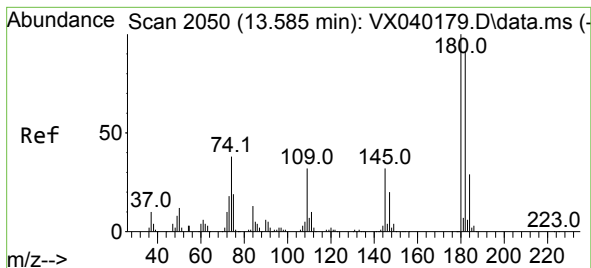
Ion Ratio Lower Upper

146 100

111 42.0 22.4 67.0

148 67.0 31.6 95.0





#93

1,2,4-Trichlorobenzene

Concen: 1.831 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX040182.D

Acq: 09 Feb 2024 18:28

Instrument :

MSVOA_X

ClientSampleId :

IBLK

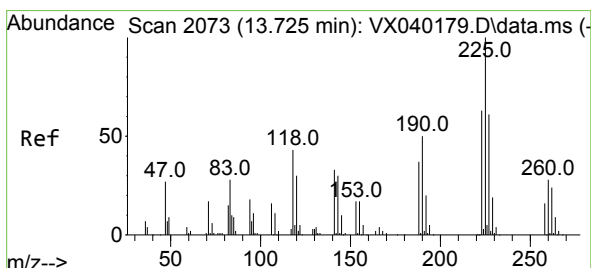
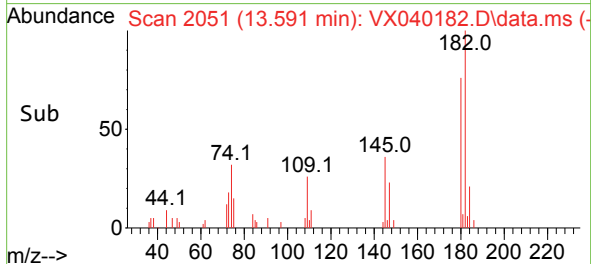
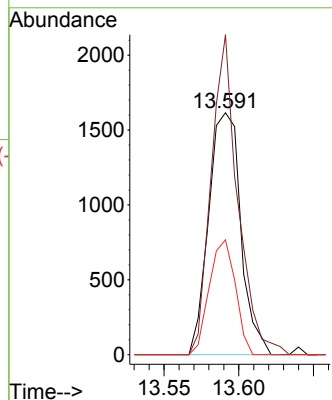
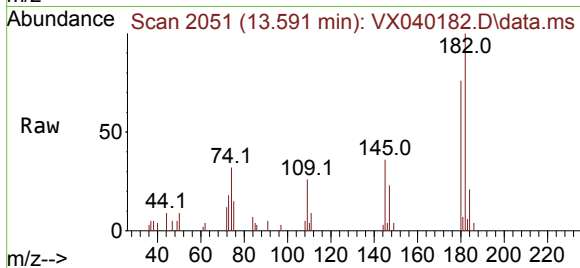
Tgt Ion:180 Resp: 2412

Ion Ratio Lower Upper

180 100

182 109.8 48.3 144.8

145 38.6 18.0 54.0



#94

Hexachlorobutadiene

Concen: 4.581 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX040182.D

Acq: 09 Feb 2024 18:28

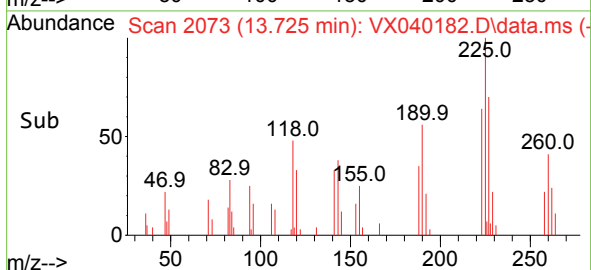
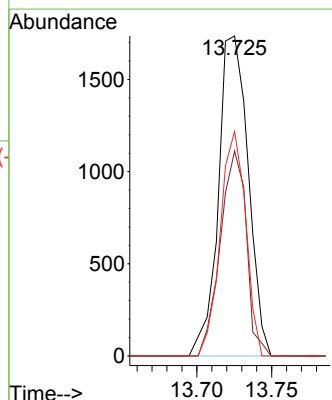
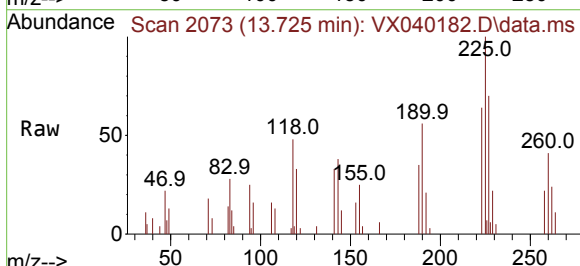
Tgt Ion:225 Resp: 2408

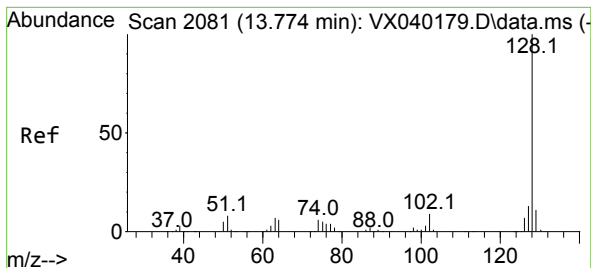
Ion Ratio Lower Upper

225 100

223 55.8 31.1 93.2

227 59.6 32.5 97.5





#95

Naphthalene

Concen: 2.098 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX040182.D

Acq: 09 Feb 2024 18:28

Instrument :

MSVOA_X

ClientSampleId :

IBLK

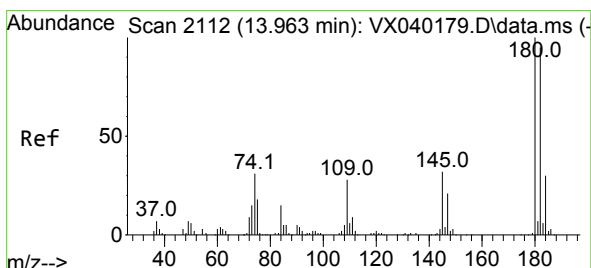
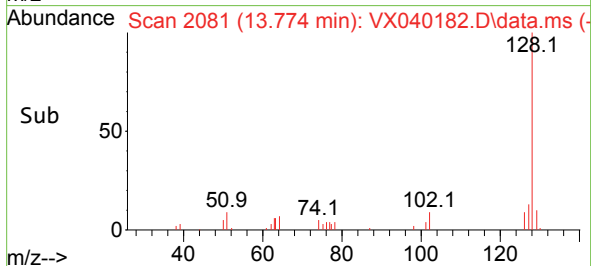
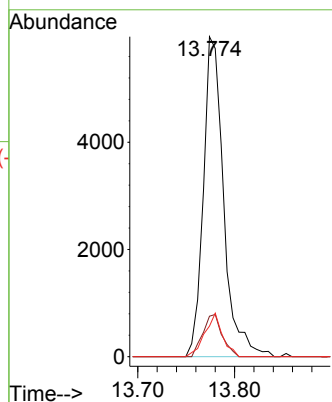
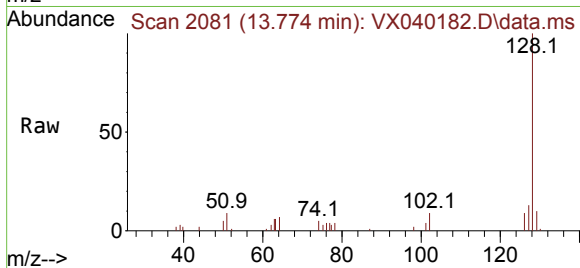
Tgt Ion:128 Resp: 8725

Ion Ratio Lower Upper

128 100

127 12.6 10.3 15.5

129 11.8 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 1.978 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX040182.D

Acq: 09 Feb 2024 18:28

Tgt Ion:180 Resp: 2483

Ion Ratio Lower Upper

180 100

182 100.9 46.9 140.6

145 37.4 17.8 53.5

