

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040124\
 Data File : VX040848.D
 Acq On : 01 Apr 2024 15:32
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Apr 02 05:28:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040124W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 02 05:19:09 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	41701	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	74710	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	69892	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	35903	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	35545	47.505	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.020%
35) Dibromofluoromethane	5.385	113	24947	47.144	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.280%
50) Toluene-d8	8.646	98	92181	48.208	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.420%
62) 4-Bromofluorobenzene	11.079	95	37031	48.495	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.980%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	382	0.676	ug/l	83
3) Chloromethane	1.294	50	147	0.301	ug/l #	43
4) Vinyl Chloride	1.379	62	207	0.411	ug/l	90
5) Bromomethane	1.617	94	115	0.371	ug/l #	53
7) Trichlorofluoromethane	1.892	101	439	0.455	ug/l #	75
9) 1,1,2-Trichlorotrifluo...	2.337	101	349	0.702	ug/l #	81
10) Methyl Iodide	2.452	142	167	0.277	ug/l #	85
11) Tert butyl alcohol	2.952	59	277	2.028	ug/l #	78
12) 1,1-Dichloroethene	2.318	96	240	0.514	ug/l #	62
13) Acrolein	2.233	56	110	1.475	ug/l #	58
14) Allyl chloride	2.660	41	236	0.282	ug/l #	49
15) Acrylonitrile	3.068	53	740	2.568	ug/l #	88
16) Acetone	2.385	43	573	1.972	ug/l #	84
17) Carbon Disulfide	2.513	76	3073	2.277	ug/l	99
18) Methyl Acetate	2.702	43	165	0.239	ug/l #	53
20) Methylene Chloride	2.794	84	183	0.340	ug/l #	67
21) trans-1,2-Dichloroethene	3.093	96	485	0.984	ug/l #	79
23) Vinyl Acetate	3.739	43	345	0.221	ug/l #	73
25) 2-Butanone	4.592	43	336	0.779	ug/l #	51
27) cis-1,2-Dichloroethene	4.501	96	235	0.413	ug/l	49
29) Tetrahydrofuran	5.013	42	117	0.417	ug/l #	34
31) Cyclohexane	5.470	56	460	0.579	ug/l #	55
36) 1,1-Dichloropropene	5.696	75	521	0.693	ug/l #	50
37) Ethyl Acetate	4.592	43	336	0.364	ug/l #	69
38) Carbon Tetrachloride	5.684	117	290	0.348	ug/l #	33
39) Methylcyclohexane	7.378	83	554	0.617	ug/l #	76
44) Trichloroethene	7.141	130	246	0.472	ug/l	66
46) Dibromomethane	7.592	93	113	0.277	ug/l #	7
49) 1,4-Dioxane	7.671	88	52	3.903	ug/l #	55
51) 4-Methyl-2-Pentanone	8.579	43	507	0.536	ug/l	88
52) Toluene	8.720	92	384	0.292	ug/l	97
53) t-1,3-Dichloropropene	8.988	75	279	1.070	ug/l #	43
58) 2-Chloroethyl Vinyl ether	8.256	63	170	0.397	ug/l	91
59) 2-Hexanone	9.445	43	477	0.629	ug/l	92
60) Dibromochloromethane	9.268	129	340	0.554	ug/l #	11
64) Tetrachloroethene	9.274	164	279	0.603	ug/l #	79

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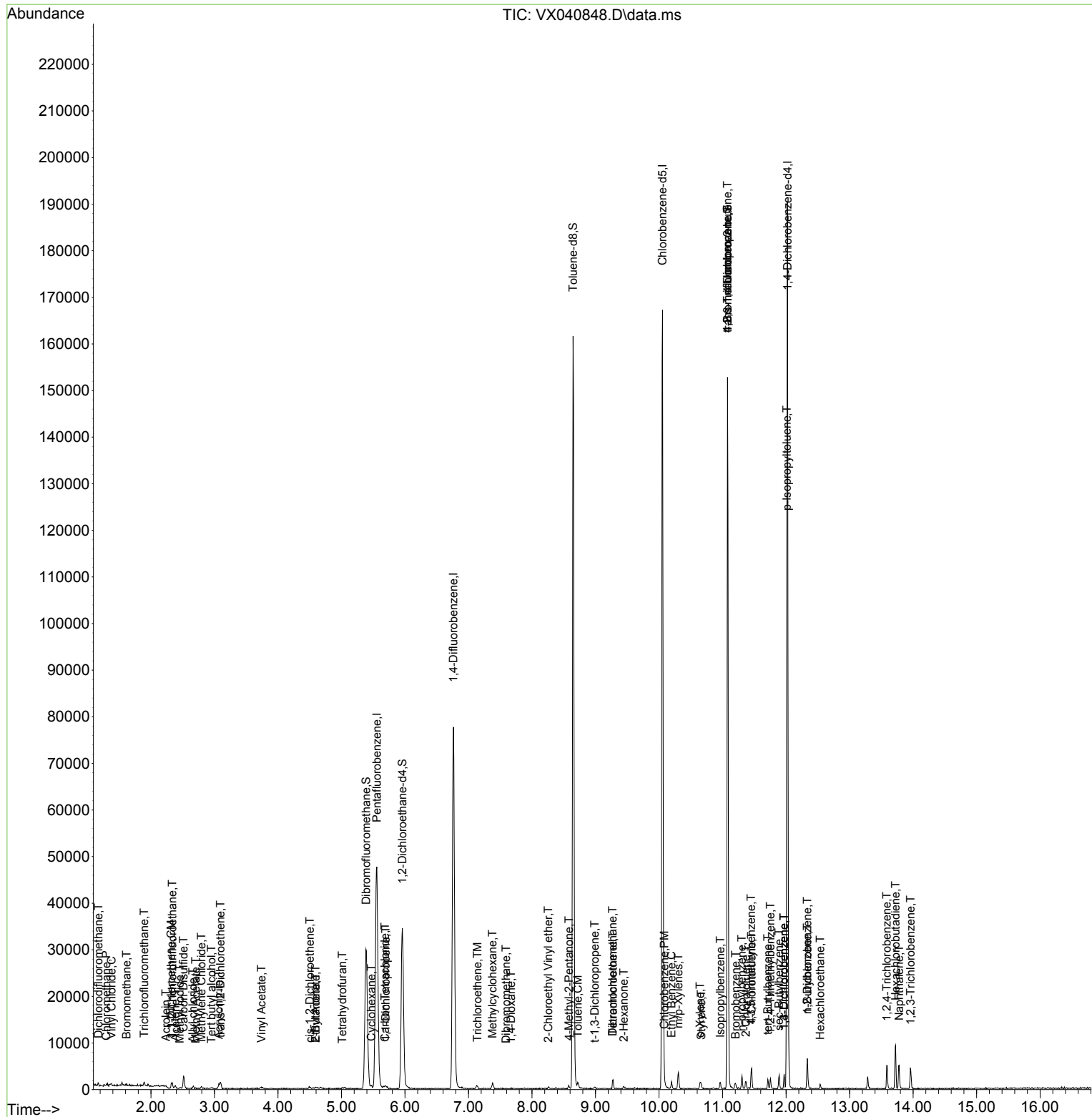
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
65) Chlorobenzene	10.085	112	690	0.451	ug/l #	78
67) Ethyl Benzene	10.195	91	976	0.358	ug/l	95
68) m/p-Xylenes	10.305	106	885	0.892	ug/l	87
69) o-Xylene	10.646	106	322	0.345	ug/l	92
70) Styrene	10.664	104	481	0.297	ug/l #	82
73) Isopropylbenzene	10.963	105	893	0.356	ug/l	95
76) 1,2,3-Trichloropropane	11.079	75	22045	28.795	ug/l #	38
77) Bromobenzene	11.207	156	387	0.658	ug/l	73
78) n-propylbenzene	11.305	91	2005	0.640	ug/l	88
79) 2-Chlorotoluene	11.366	91	1038	0.555	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	1054	0.492	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.079	75	22045	77.688	ug/l #	5
82) 4-Chlorotoluene	11.457	91	1620	0.726	ug/l	97
83) tert-Butylbenzene	11.713	119	879	0.414	ug/l	87
84) 1,2,4-Trimethylbenzene	11.756	105	1199	0.556	ug/l	95
85) sec-Butylbenzene	11.890	105	1842	0.683	ug/l	93
86) p-Isopropyltoluene	12.012	119	1535	0.678	ug/l	88
87) 1,3-Dichlorobenzene	11.969	146	1042	0.876	ug/l	99
88) 1,4-Dichlorobenzene	11.969	146	1042	0.826	ug/l	99
89) n-Butylbenzene	12.335	91	2453	1.097	ug/l	90
90) Hexachloroethane	12.536	117	168	0.426	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	764	0.656	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	1427	1.767	ug/l	91
94) Hexachlorobutadiene	13.725	225	1314	4.246	ug/l	98
95) Naphthalene	13.780	128	3656	1.406	ug/l #	95
96) 1,2,3-Trichlorobenzene	13.963	180	1213	1.574	ug/l	92

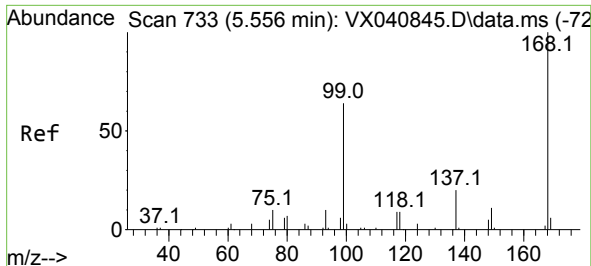
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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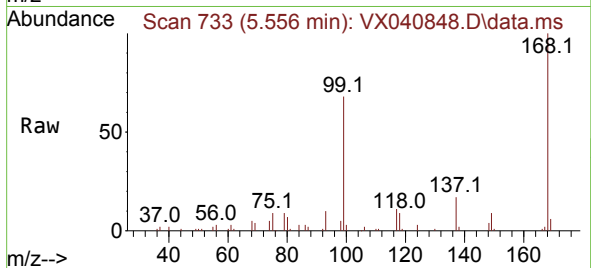
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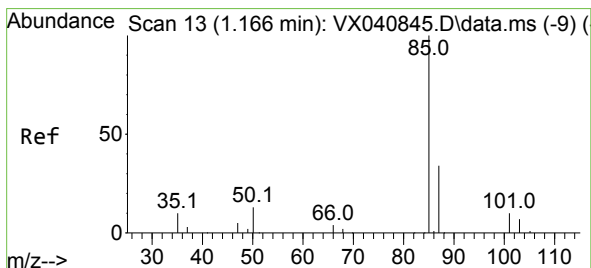
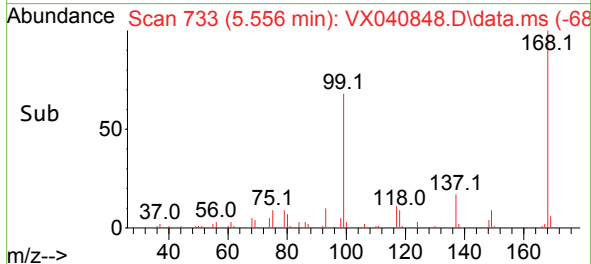
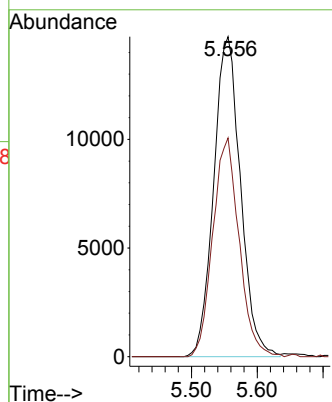


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
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Acq: 01 Apr 2024 15:32

Instrument :
MSVOA_X
ClientSampleId :
IBLK

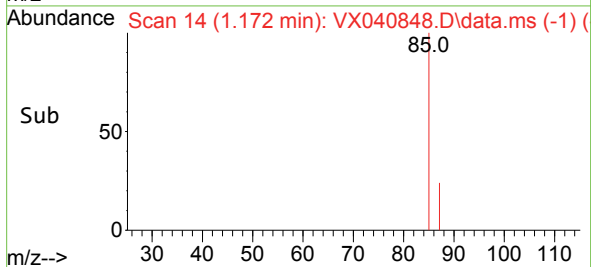
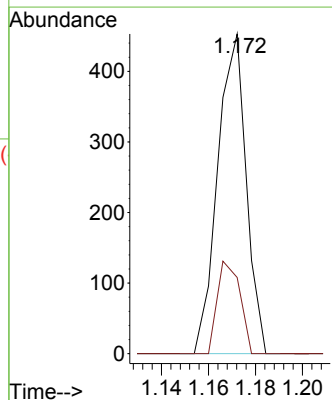
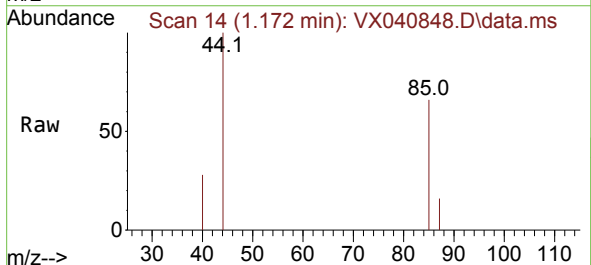


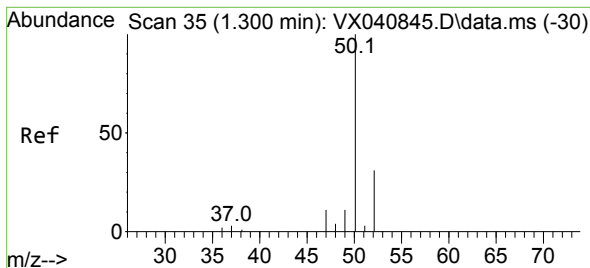
Tgt Ion:168 Resp: 41701
Ion Ratio Lower Upper
168 100
99 68.3 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 0.676 ug/l
RT: 1.172 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX040848.D
Acq: 01 Apr 2024 15:32

Tgt Ion: 85 Resp: 382
Ion Ratio Lower Upper
85 100
87 23.8 16.7 50.1





#3

Chloromethane

Concen: 0.301 ug/l

RT: 1.294 min Scan# 34

Delta R.T. -0.006 min

Lab File: VX040848.D

Acq: 01 Apr 2024 15:32

Instrument :

MSVOA_X

ClientSampleId :

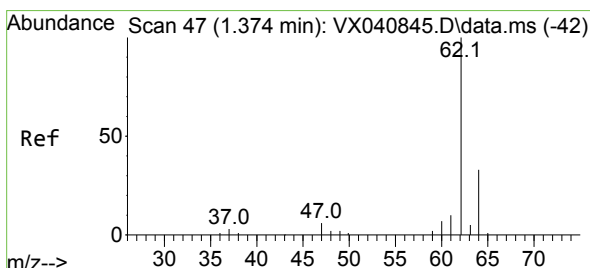
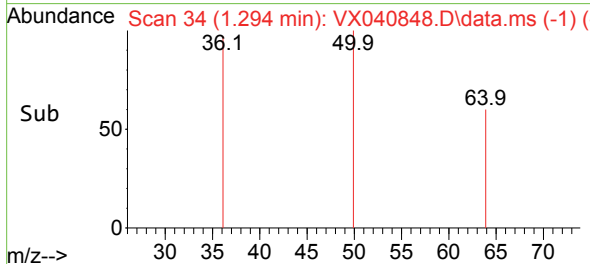
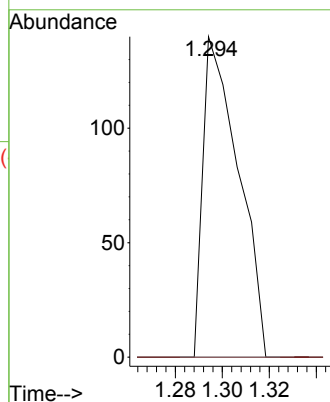
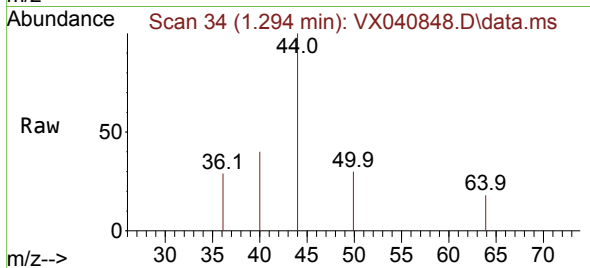
IBLK

Tgt Ion: 50 Resp: 147

Ion Ratio Lower Upper

50 100

52 0.0 25.5 38.3#



#4

Vinyl Chloride

Concen: 0.411 ug/l

RT: 1.379 min Scan# 48

Delta R.T. 0.006 min

Lab File: VX040848.D

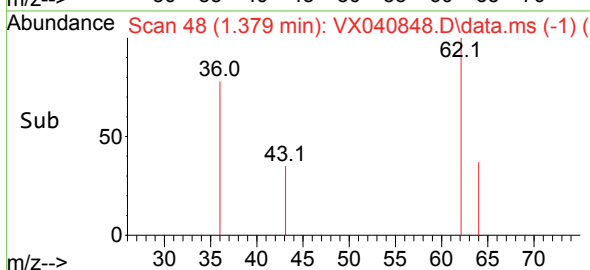
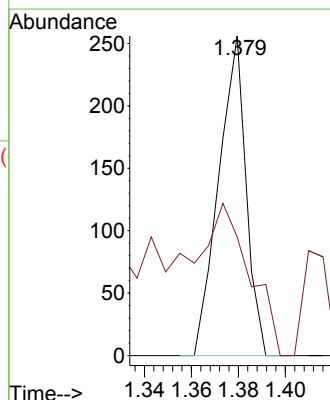
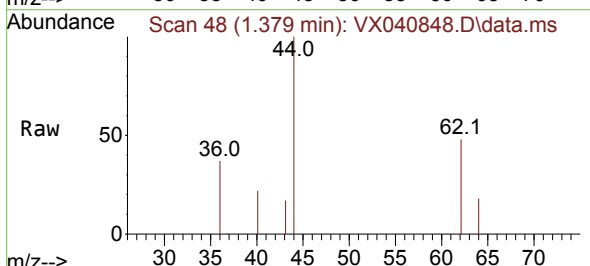
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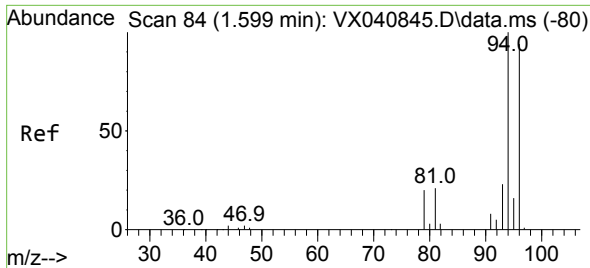
Tgt Ion: 62 Resp: 207

Ion Ratio Lower Upper

62 100

64 37.1 25.4 38.0

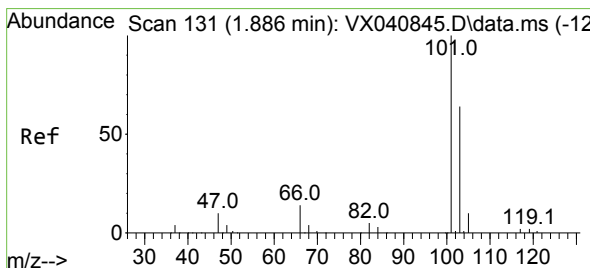
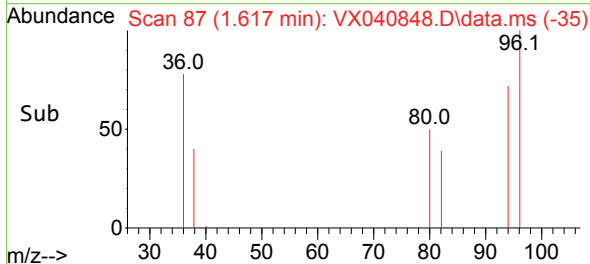
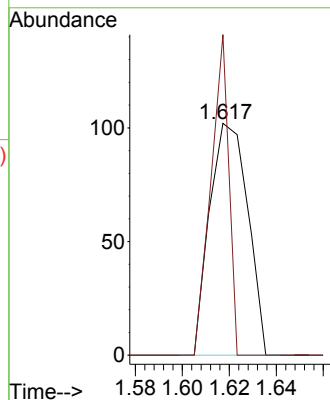
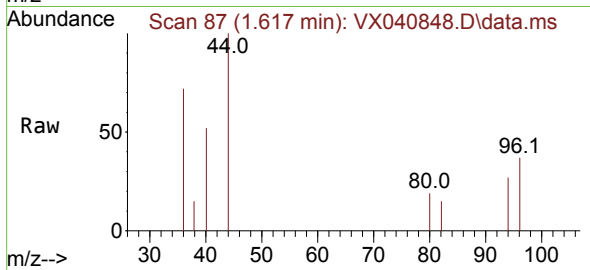




#5
Bromomethane
Concen: 0.371 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.018 min
Lab File: VX040848.D
Acq: 01 Apr 2024 15:32

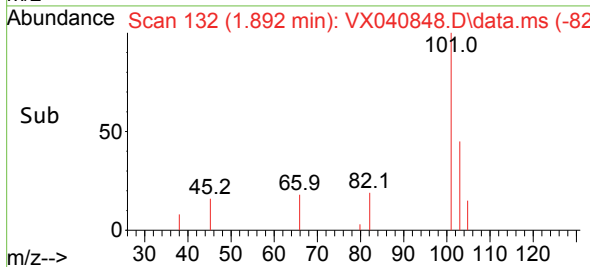
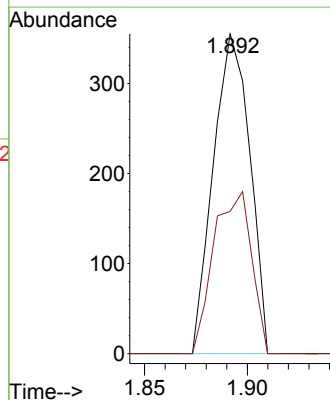
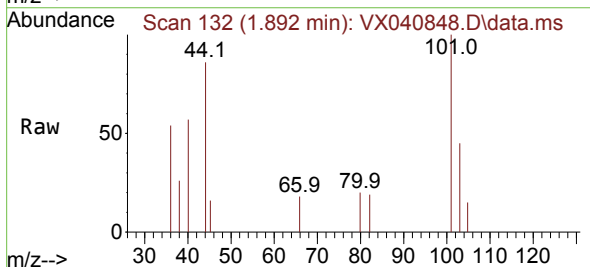
Instrument :
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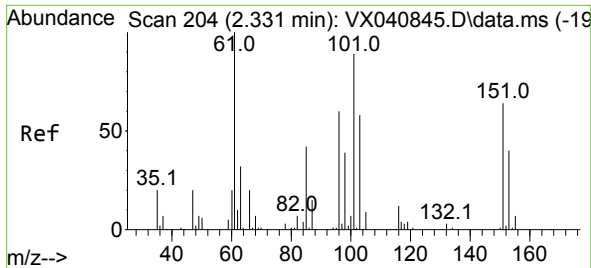
Tgt Ion: 94 Resp: 115
Ion Ratio Lower Upper
94 100
96 138.2 74.6 111.8#



#7
Trichlorofluoromethane
Concen: 0.455 ug/l
RT: 1.892 min Scan# 132
Delta R.T. 0.006 min
Lab File: VX040848.D
Acq: 01 Apr 2024 15:32

Tgt Ion:101 Resp: 439
Ion Ratio Lower Upper
101 100
103 44.5 51.4 77.2#

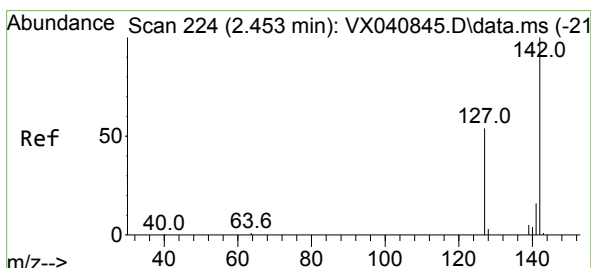
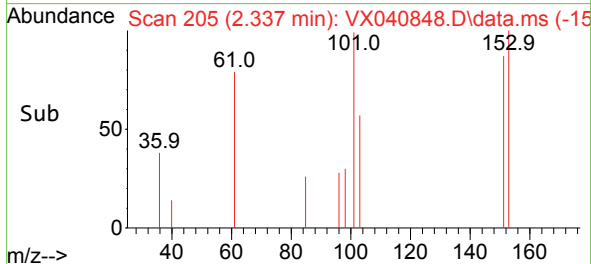
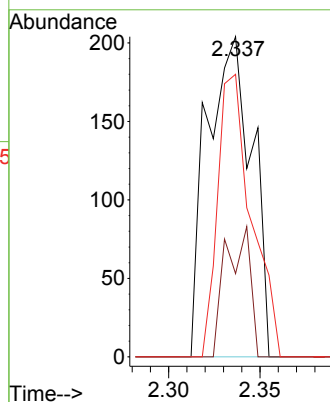
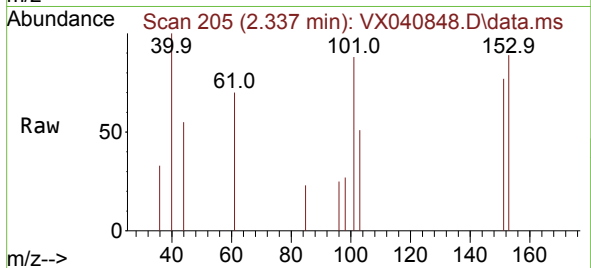




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.702 ug/l
RT: 2.337 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX040848.D
Acq: 01 Apr 2024 15:32

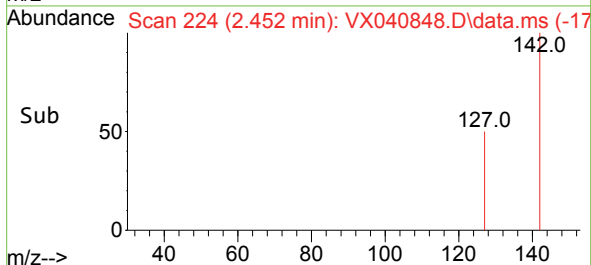
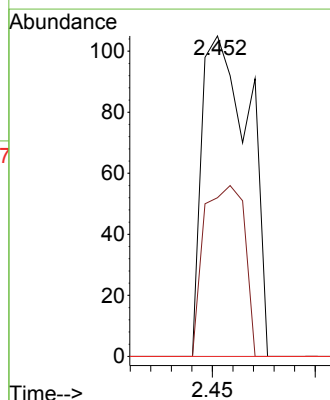
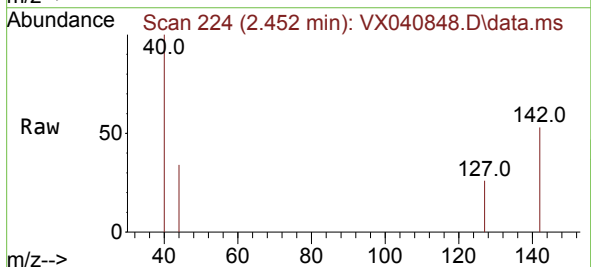
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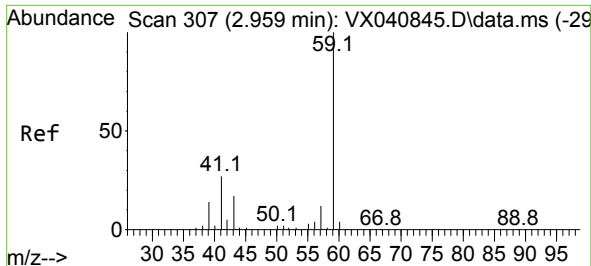
Tgt Ion:101 Resp: 349
Ion Ratio Lower Upper
101 100
85 22.1 37.0 55.6#
151 66.2 58.6 87.8



#10
Methyl Iodide
Concen: 0.277 ug/l
RT: 2.452 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX040848.D
Acq: 01 Apr 2024 15:32

Tgt Ion:142 Resp: 167
Ion Ratio Lower Upper
142 100
127 45.5 41.6 62.4
141 0.0 11.6 17.4#

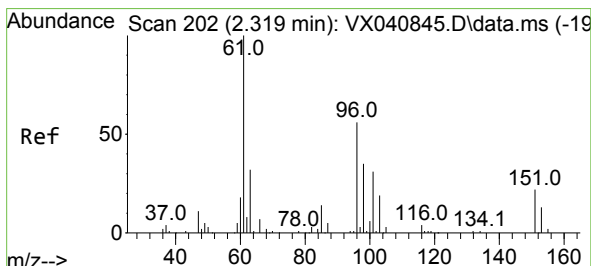
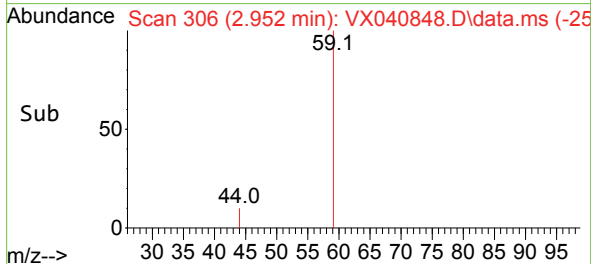
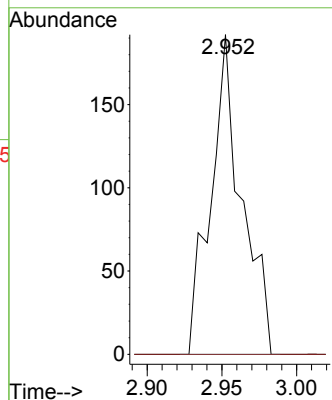
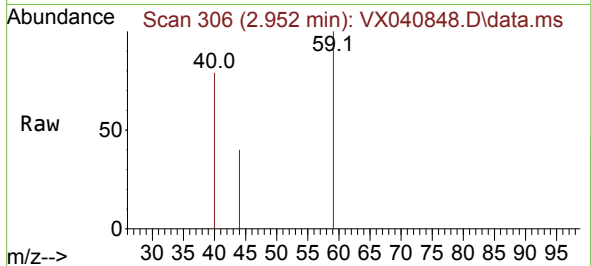




#11
Tert butyl alcohol
Concen: 2.028 ug/l
RT: 2.952 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX040848.D
Acq: 01 Apr 2024 15:32

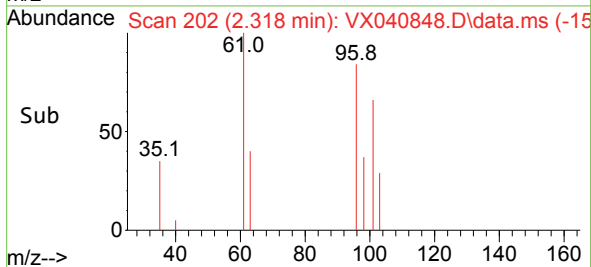
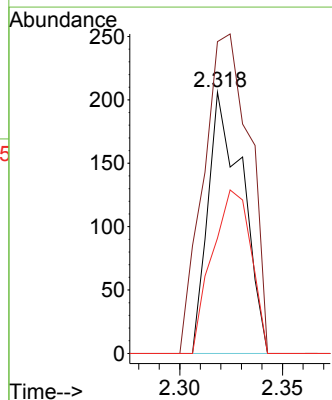
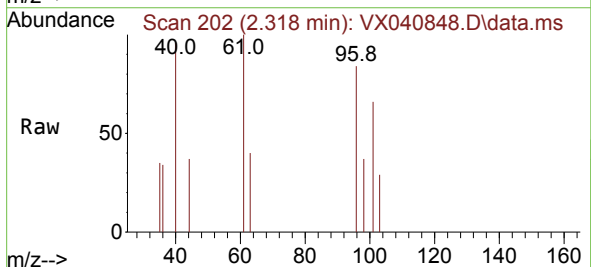
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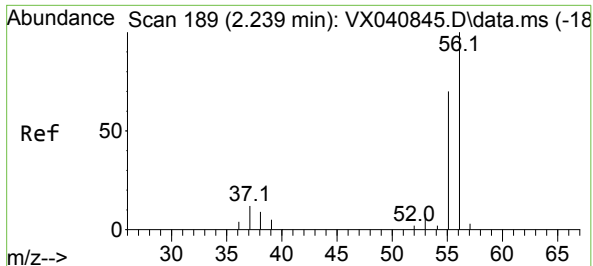
Tgt Ion: 59 Resp: 277
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#12
1,1-Dichloroethene
Concen: 0.514 ug/l
RT: 2.318 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX040848.D
Acq: 01 Apr 2024 15:32

Tgt Ion: 96 Resp: 240
Ion Ratio Lower Upper
96 100
61 119.4 144.6 216.8#
98 44.2 50.4 75.6#





#13

Acrolein

Concen: 1.475 ug/l

RT: 2.233 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX040848.D

Acq: 01 Apr 2024 15:32

Instrument :

MSVOA_X

ClientSampleId :

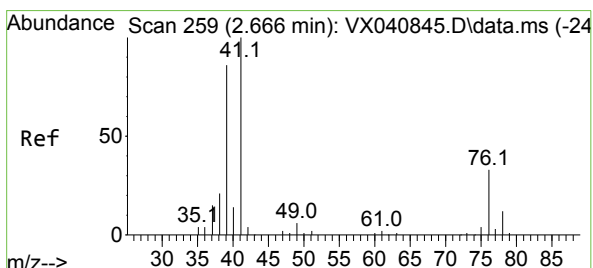
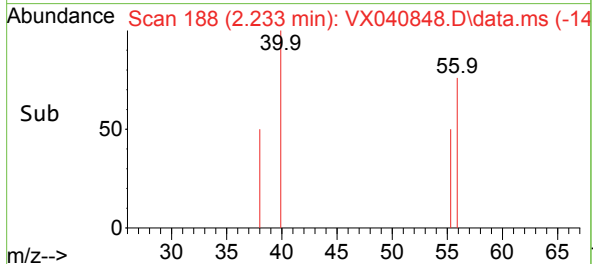
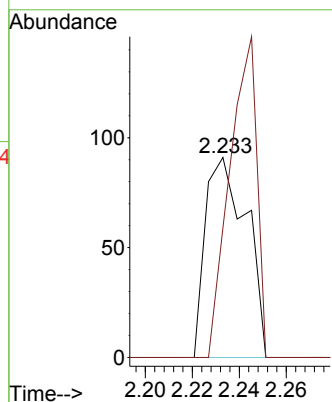
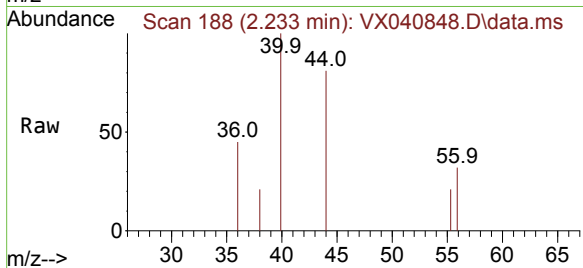
IBLK

Tgt Ion: 56 Resp: 110

Ion Ratio Lower Upper

56 100

55 106.4 57.1 85.7#



#14

Allyl chloride

Concen: 0.282 ug/l

RT: 2.660 min Scan# 258

Delta R.T. -0.006 min

Lab File: VX040848.D

Acq: 01 Apr 2024 15:32

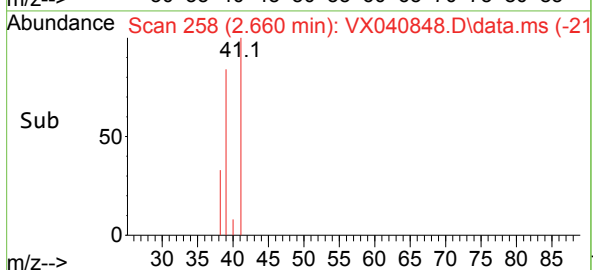
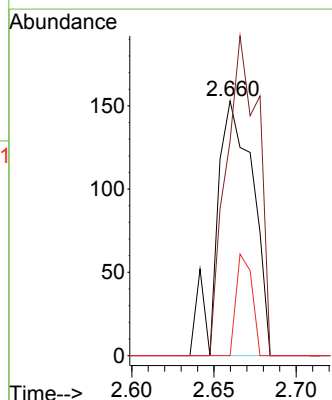
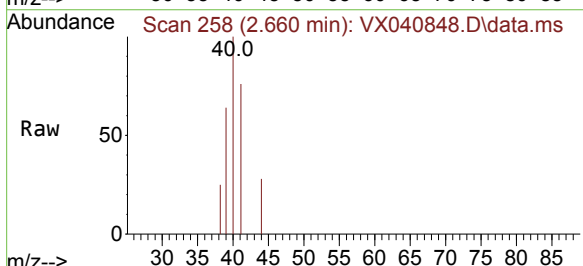
Tgt Ion: 41 Resp: 236

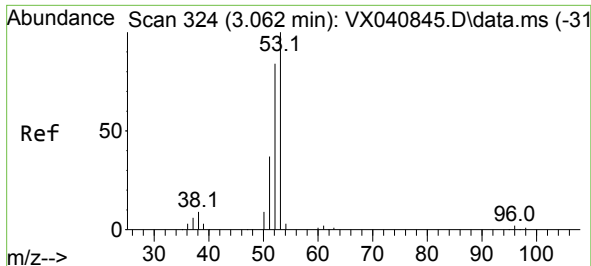
Ion Ratio Lower Upper

41 100

39 109.7 55.8 83.6#

76 0.0 24.3 36.5#

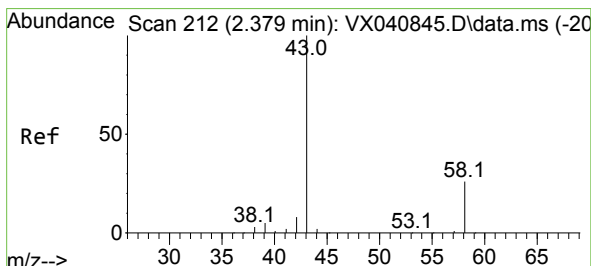
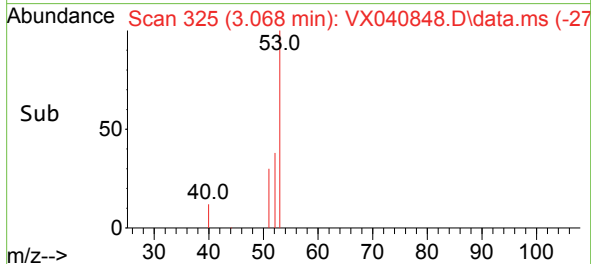
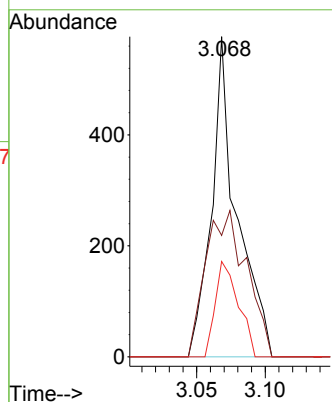
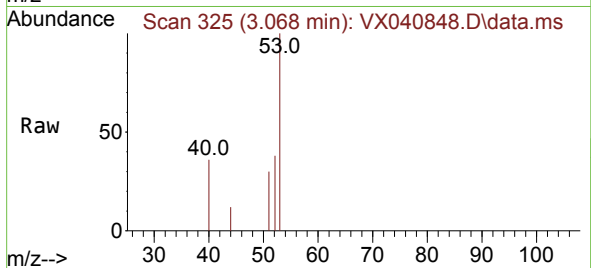




#15
Acrylonitrile
Concen: 2.568 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX040848.D
Acq: 01 Apr 2024 15:32

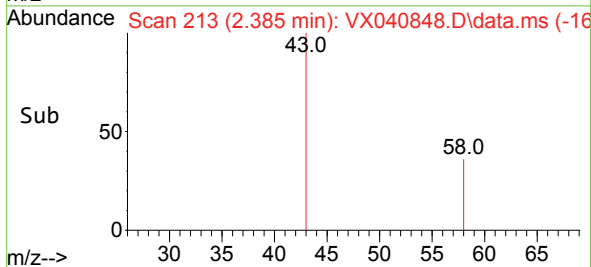
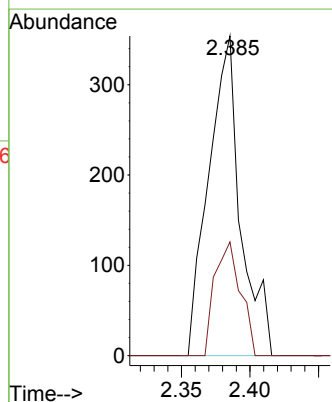
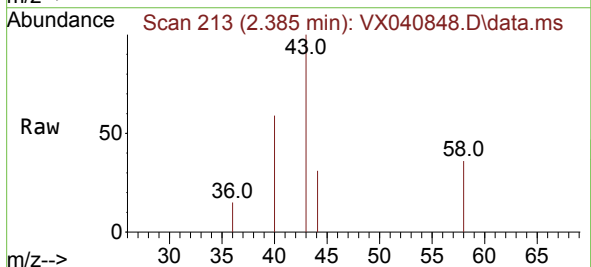
Instrument :
MSVOA_X
ClientSampleId :
IBLK

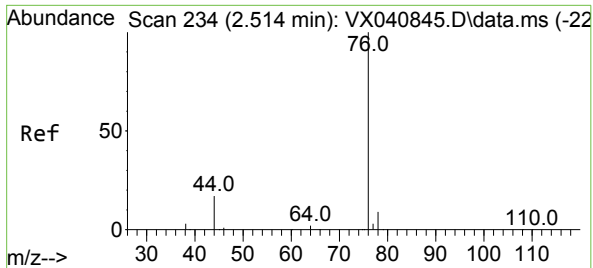
Tgt Ion: 53	Resp:	740	
Ion	Ratio	Lower	Upper
53	100		
52	73.9	66.0	99.0
51	27.3	29.8	44.6#



#16
Acetone
Concen: 1.972 ug/l
RT: 2.385 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX040848.D
Acq: 01 Apr 2024 15:32

Tgt Ion: 43	Resp:	573	
Ion Ratio	Lower	Upper	
43 100			
58 35.6	21.9	32.9#	





#17

Carbon Disulfide

Concen: 2.277 ug/l

RT: 2.513 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX040848.D

Acq: 01 Apr 2024 15:32

Instrument :

MSVOA_X

ClientSampleId :

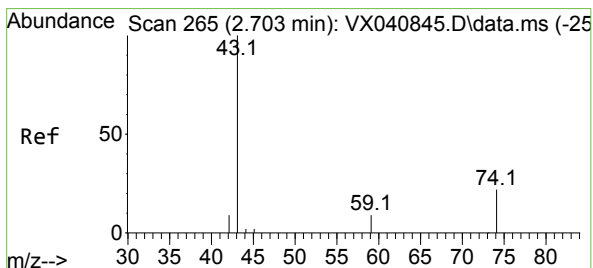
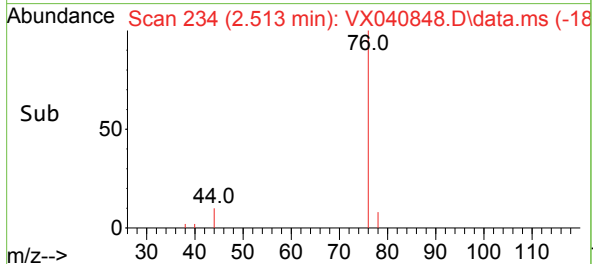
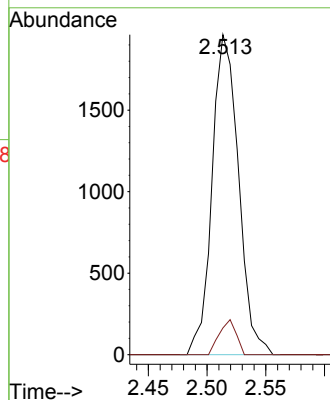
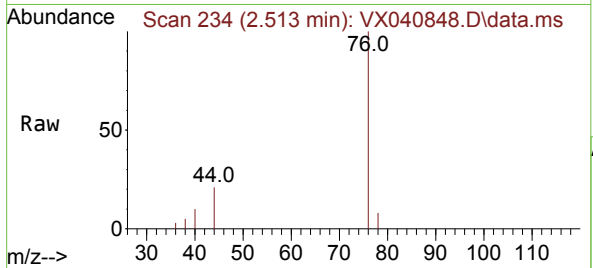
IBLK

Tgt Ion: 76 Resp: 3073

Ion Ratio Lower Upper

76 100

78 8.4 7.0 10.6



#18

Methyl Acetate

Concen: 0.239 ug/l

RT: 2.702 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX040848.D

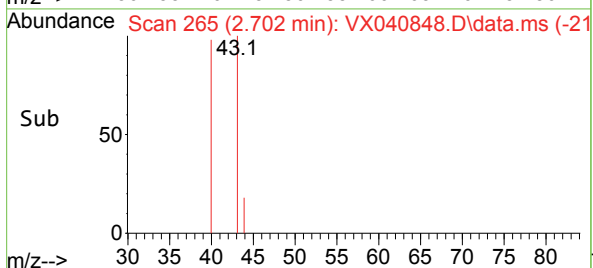
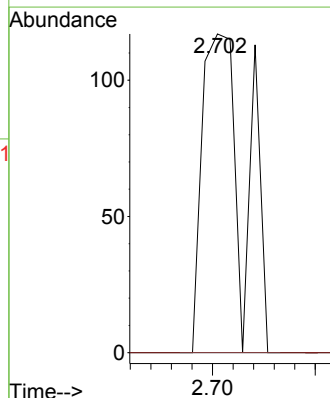
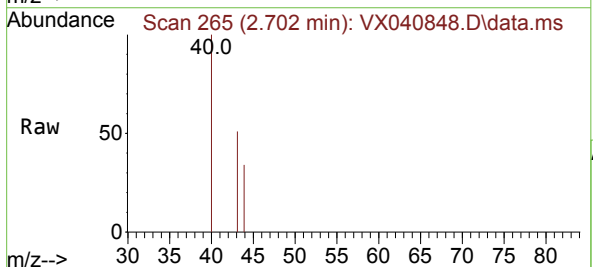
Acq: 01 Apr 2024 15:32

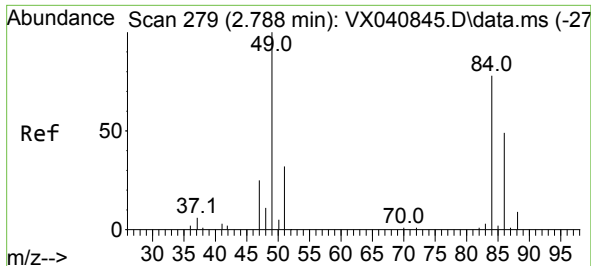
Tgt Ion: 43 Resp: 165

Ion Ratio Lower Upper

43 100

74 0.0 17.8 26.8#

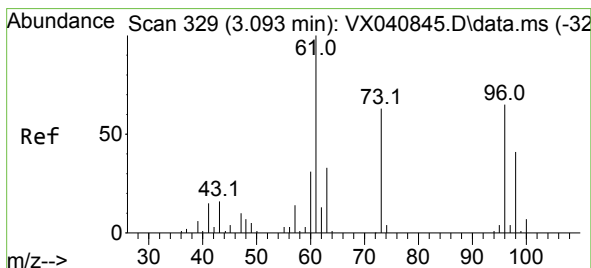
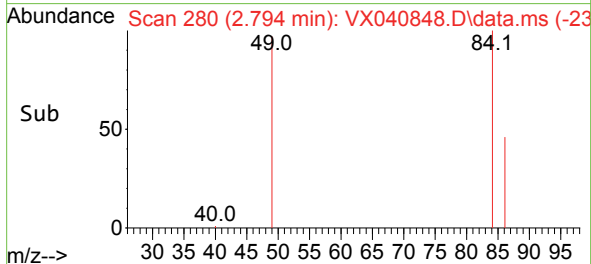
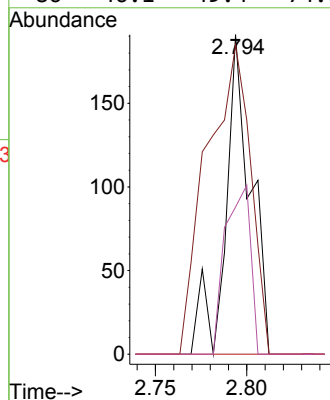
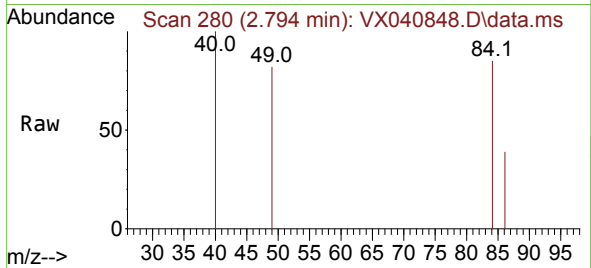




#20
Methylene Chloride
Concen: 0.340 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX040848.D
Acq: 01 Apr 2024 15:32

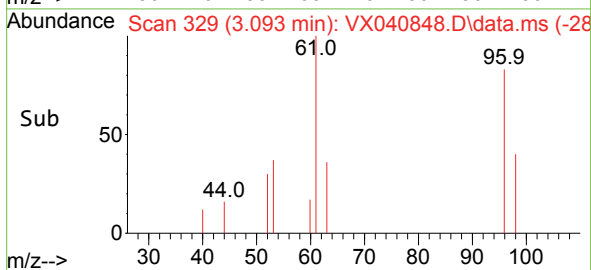
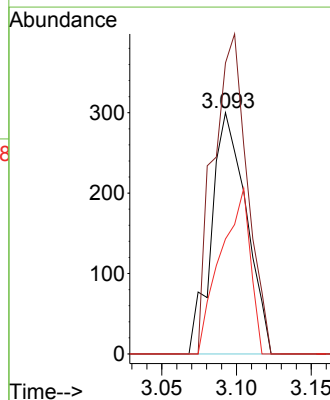
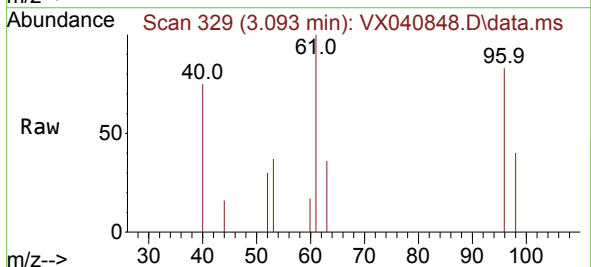
Instrument :
MSVOA_X
ClientSampleId :
IBLK

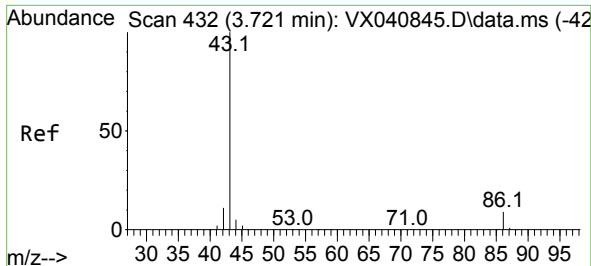
Tgt Ion: 84 Resp: 183
Ion Ratio Lower Upper
84 100
49 96.9 103.6 155.4#
51 0.0 33.8 50.6#
86 46.1 49.4 74.0#



#21
trans-1,2-Dichloroethene
Concen: 0.984 ug/l
RT: 3.093 min Scan# 329
Delta R.T. -0.000 min
Lab File: VX040848.D
Acq: 01 Apr 2024 15:32

Tgt Ion: 96 Resp: 485
Ion Ratio Lower Upper
96 100
61 120.7 119.2 178.8
98 47.7 48.7 73.1#

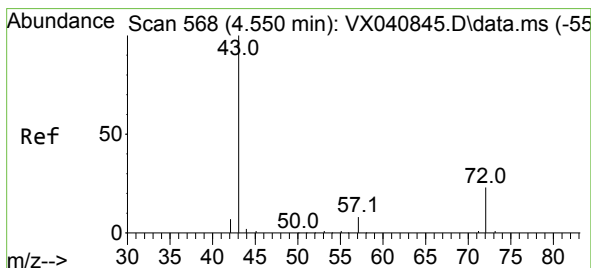
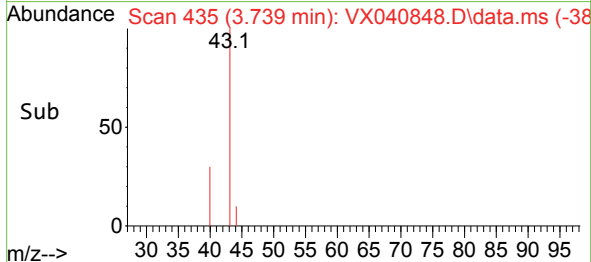
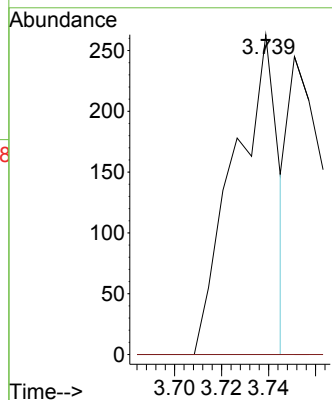
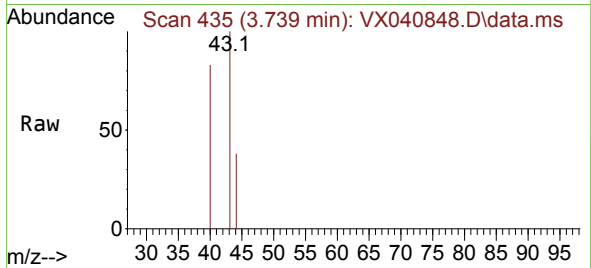




#23
 Vinyl Acetate
 Concen: 0.221 ug/l
 RT: 3.739 min Scan# 41
 Delta R.T. 0.018 min
 Lab File: VX040848.D
 Acq: 01 Apr 2024 15:32

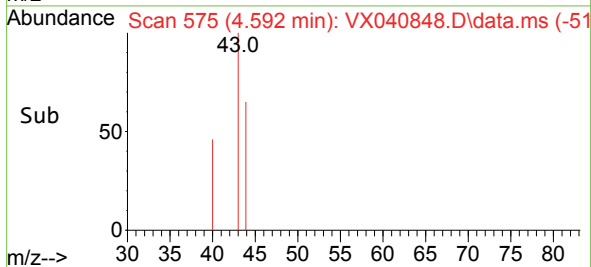
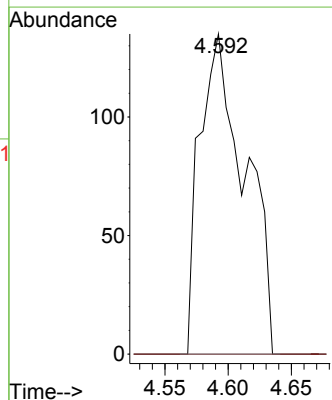
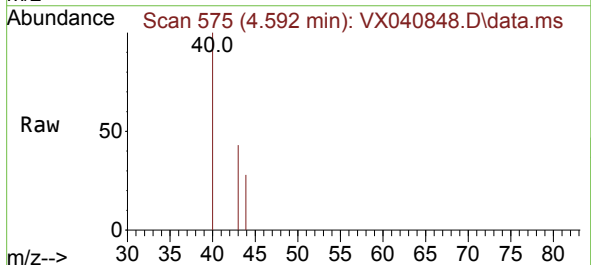
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

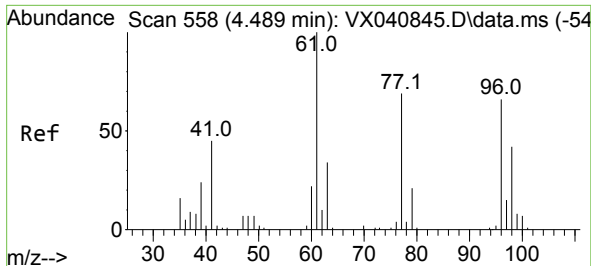
Tgt Ion: 43 Resp: 345
 Ion Ratio Lower Upper
 43 100
 86 0.0 7.8 11.8#



#25
 2-Butanone
 Concen: 0.779 ug/l
 RT: 4.592 min Scan# 575
 Delta R.T. 0.043 min
 Lab File: VX040848.D
 Acq: 01 Apr 2024 15:32

Tgt Ion: 43 Resp: 336
 Ion Ratio Lower Upper
 43 100
 72 0.0 19.4 29.2#





#27

cis-1,2-Dichloroethene

Concen: 0.413 ug/l

RT: 4.501 min Scan# 5

Delta R.T. 0.012 min

Lab File: VX040848.D

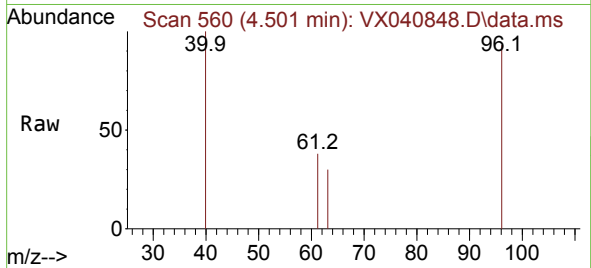
Acq: 01 Apr 2024 15:32

Instrument :

MSVOA_X

ClientSampleId :

IBLK



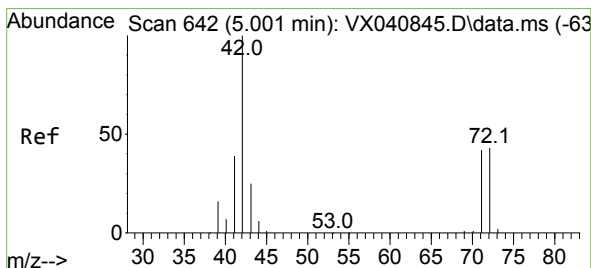
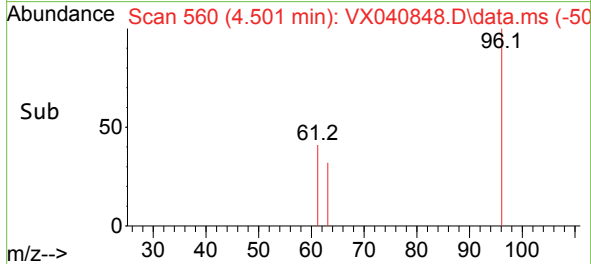
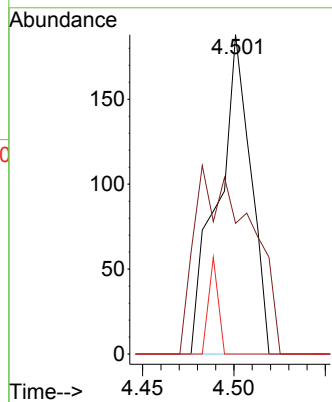
Tgt Ion: 96 Resp: 235

Ion Ratio Lower Upper

96 100

61 99.6 0.0 312.2

98 8.9 0.0 129.0



#29

Tetrahydrofuran

Concen: 0.417 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.012 min

Lab File: VX040848.D

Acq: 01 Apr 2024 15:32

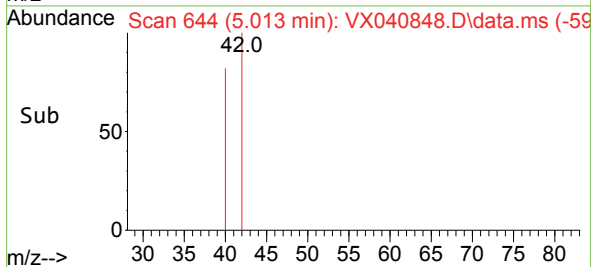
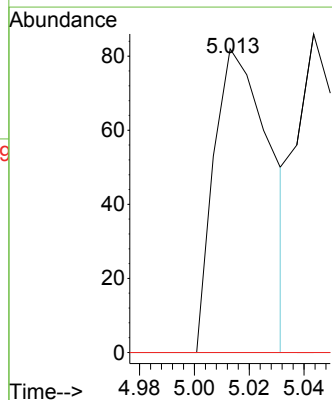
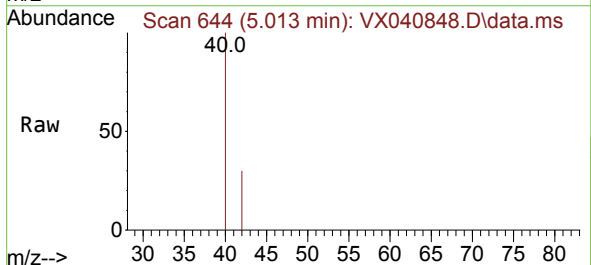
Tgt Ion: 42 Resp: 117

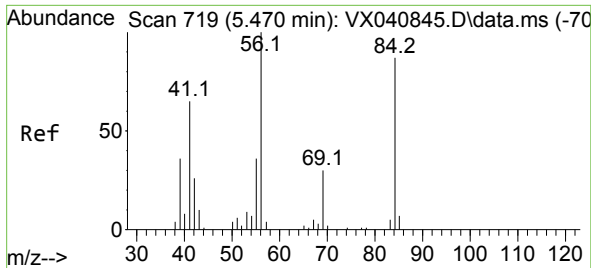
Ion Ratio Lower Upper

42 100

72 0.0 34.2 51.4#

71 0.0 32.2 48.2#

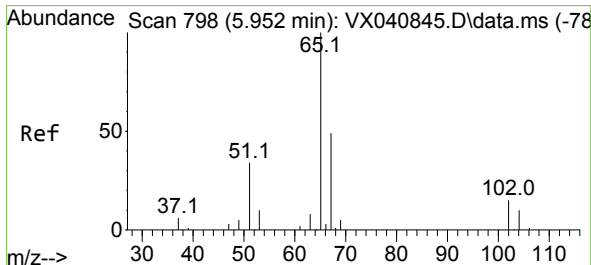
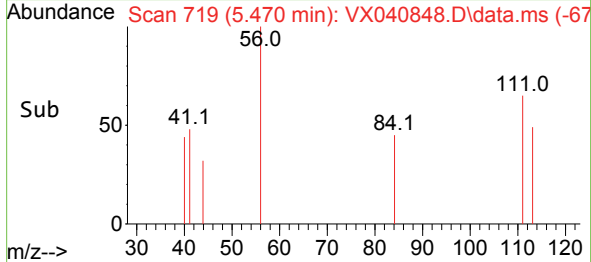
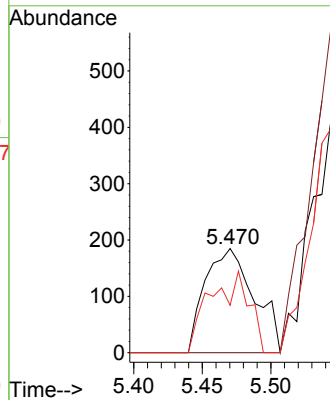
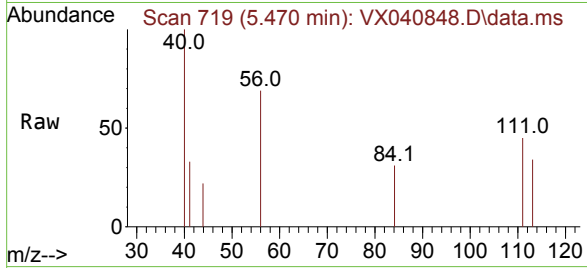




#31
Cyclohexane
Concen: 0.579 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX040848.D
Acq: 01 Apr 2024 15:32

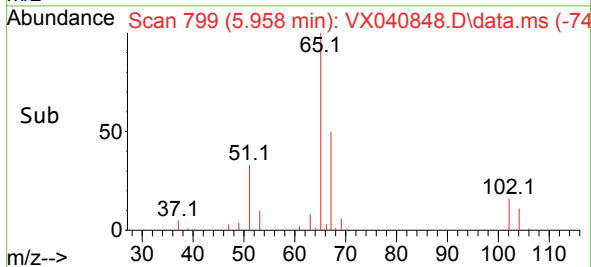
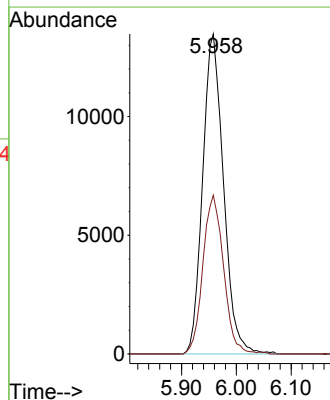
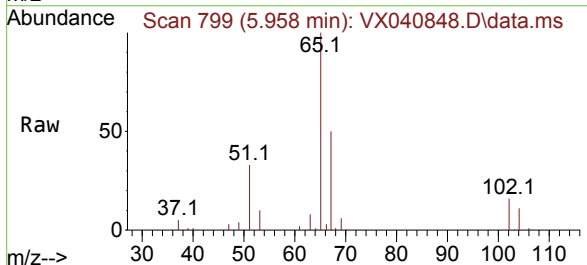
Instrument :
MSVOA_X
ClientSampleId :
IBLK

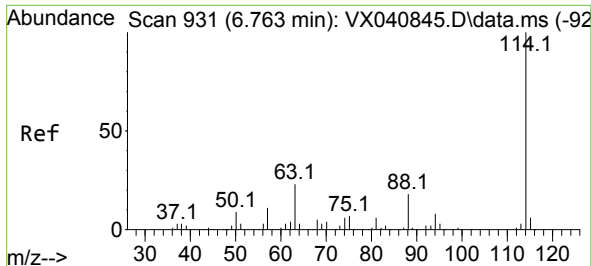
Tgt Ion: 56 Resp: 460
Ion Ratio Lower Upper
56 100
69 0.0 23.4 35.2#
84 45.4 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 47.505 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX040848.D
Acq: 01 Apr 2024 15:32

Tgt Ion: 65 Resp: 35545
Ion Ratio Lower Upper
65 100
67 49.2 0.0 100.2

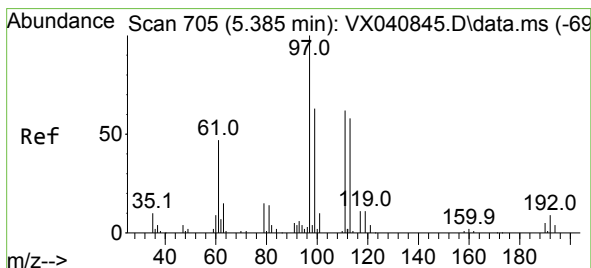
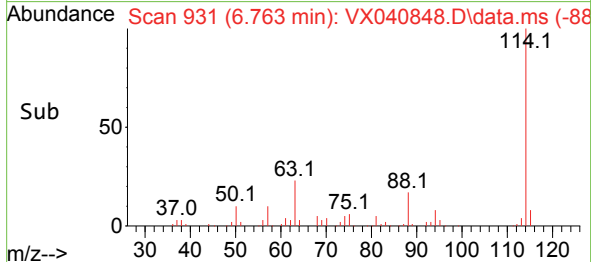
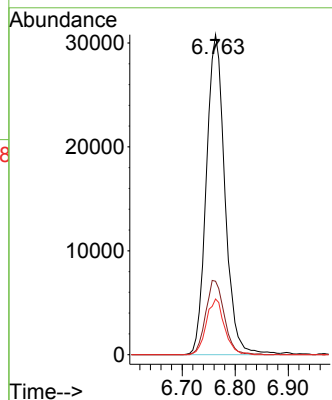
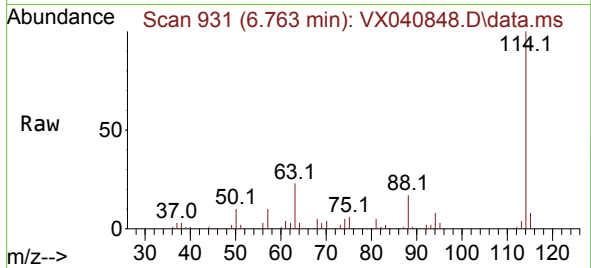




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX040848.D
Acq: 01 Apr 2024 15:32

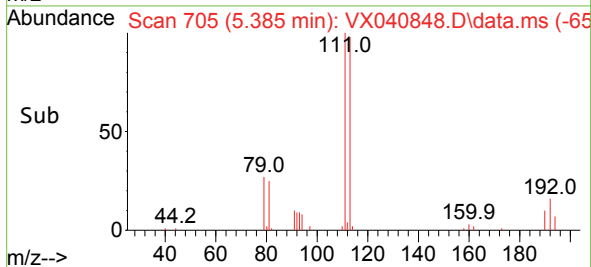
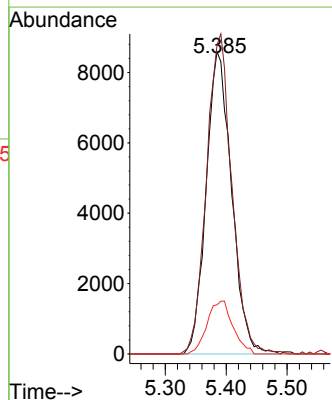
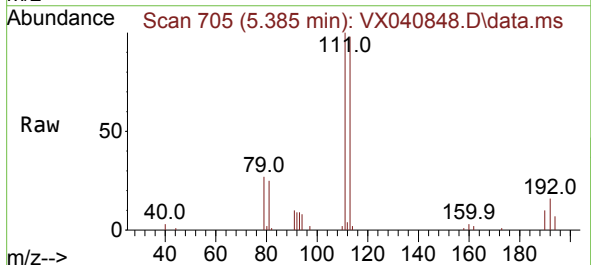
Instrument :
MSVOA_X
ClientSampleId :
IBLK

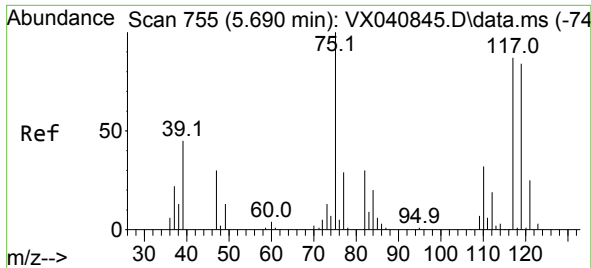
Tgt Ion:114 Resp: 74710
Ion Ratio Lower Upper
114 100
63 23.0 0.0 45.0
88 17.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.144 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040848.D
Acq: 01 Apr 2024 15:32

Tgt Ion:113 Resp: 24947
Ion Ratio Lower Upper
113 100
111 105.5 82.9 124.3
192 17.8 13.3 19.9

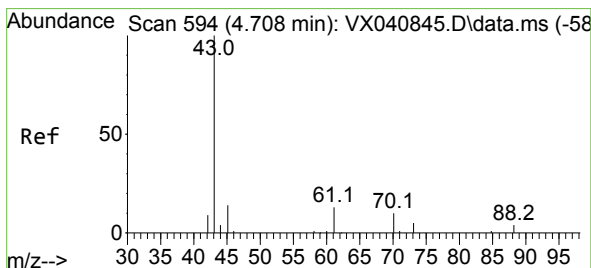
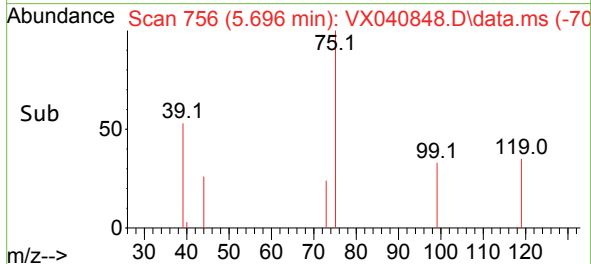
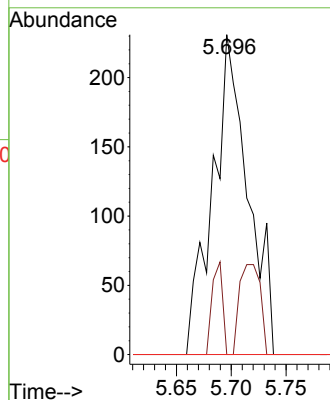
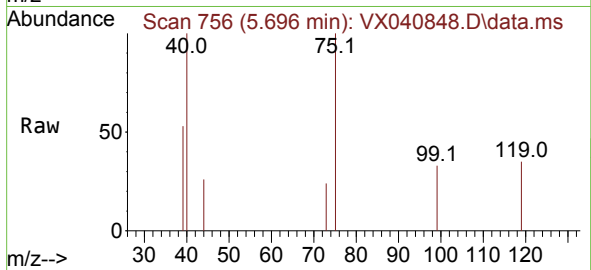




#36
1,1-Dichloropropene
Concen: 0.693 ug/l
RT: 5.696 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040848.D
Acq: 01 Apr 2024 15:32

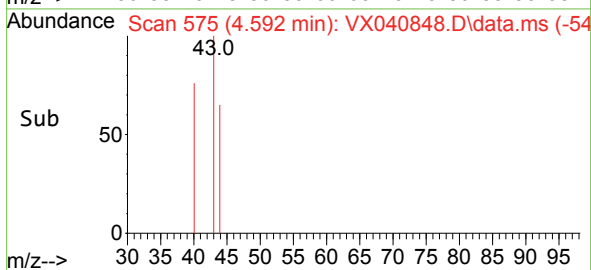
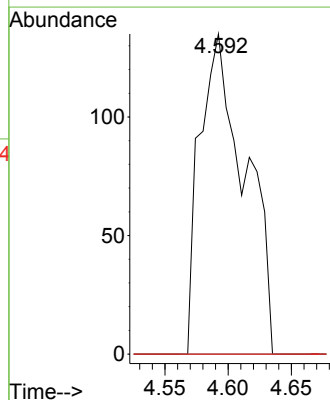
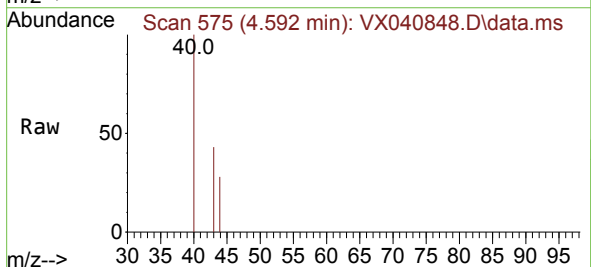
Instrument :
MSVOA_X
ClientSampleId :
IBLK

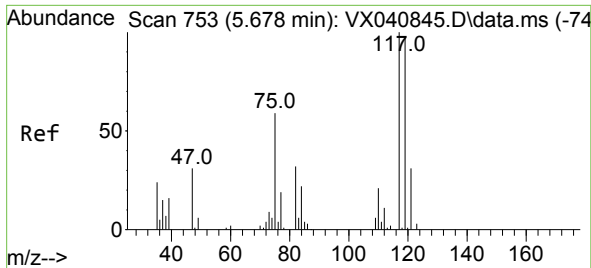
Tgt Ion: 75 Resp: 521
Ion Ratio Lower Upper
75 100
110 8.4 17.0 50.9#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 0.364 ug/l
RT: 4.592 min Scan# 575
Delta R.T. -0.116 min
Lab File: VX040848.D
Acq: 01 Apr 2024 15:32

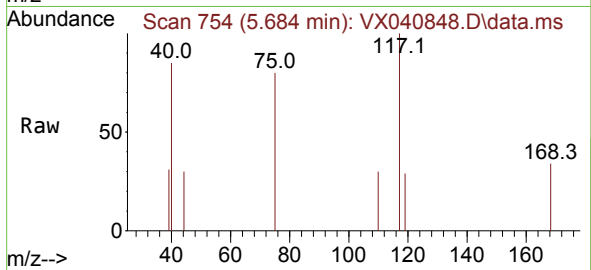
Tgt Ion: 43 Resp: 336
Ion Ratio Lower Upper
43 100
61 0.0 10.6 16.0#
70 0.0 8.3 12.5#



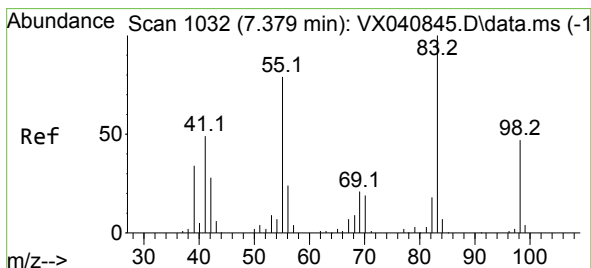
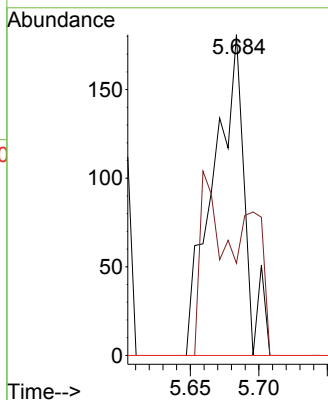
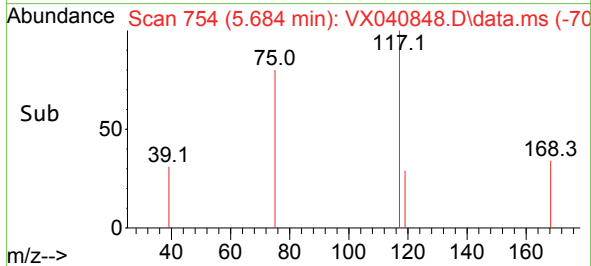


#38
Carbon Tetrachloride
Concen: 0.348 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.006 min
Lab File: VX040848.D
Acq: 01 Apr 2024 15:32

Instrument :
MSVOA_X
ClientSampleId :
IBLK

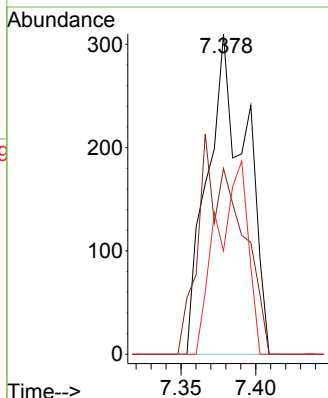
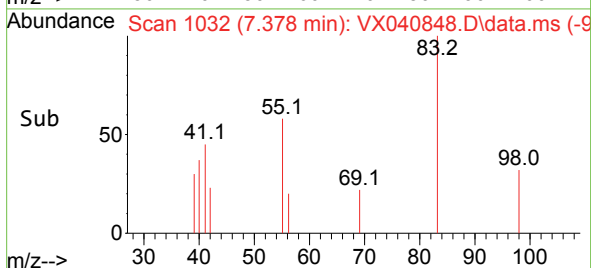
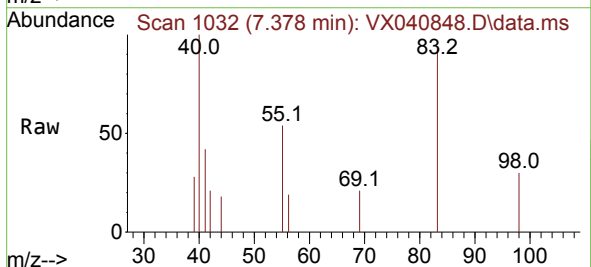


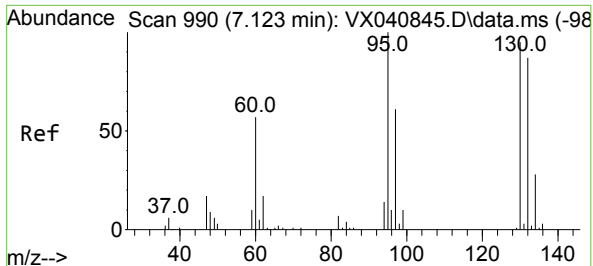
Tgt Ion:117 Resp: 290
Ion Ratio Lower Upper
117 100
119 28.7 78.2 117.2#
121 0.0 24.4 36.6#



#39
Methylcyclohexane
Concen: 0.617 ug/l
RT: 7.378 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX040848.D
Acq: 01 Apr 2024 15:32

Tgt Ion: 83 Resp: 554
Ion Ratio Lower Upper
83 100
55 58.1 64.6 97.0#
98 32.3 36.7 55.1#

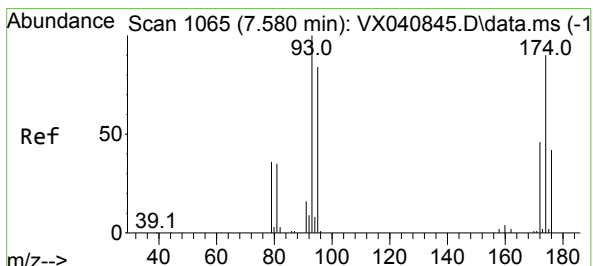
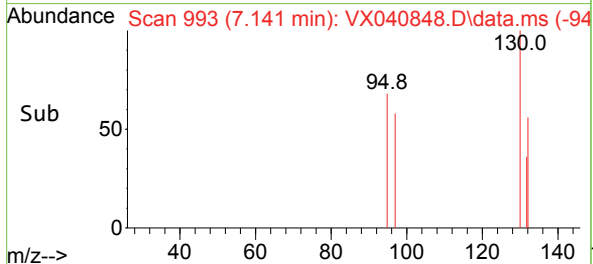
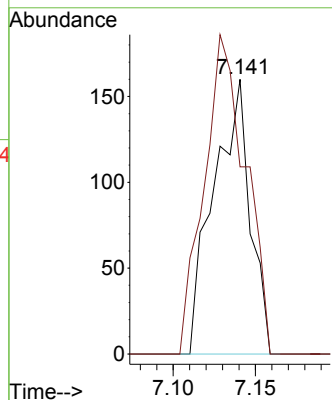
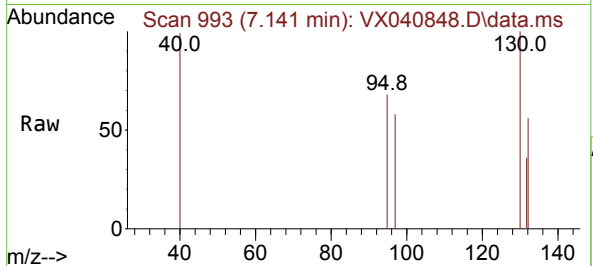




#44
Trichloroethene
Concen: 0.472 ug/l
RT: 7.141 min Scan# 993
Delta R.T. 0.018 min
Lab File: VX040848.D
Acq: 01 Apr 2024 15:32

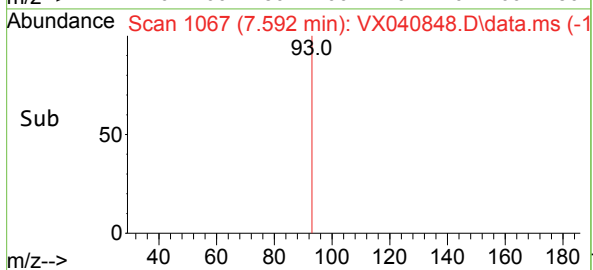
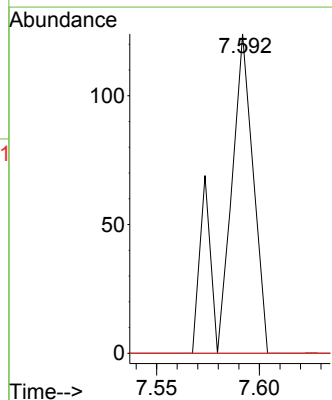
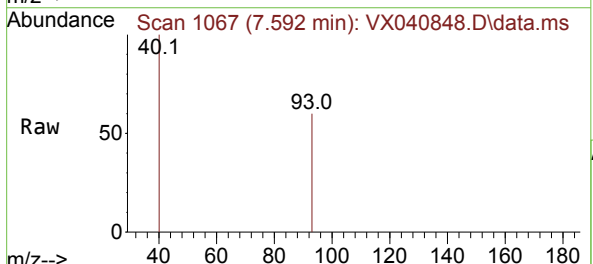
Instrument :
MSVOA_X
ClientSampleId :
IBLK

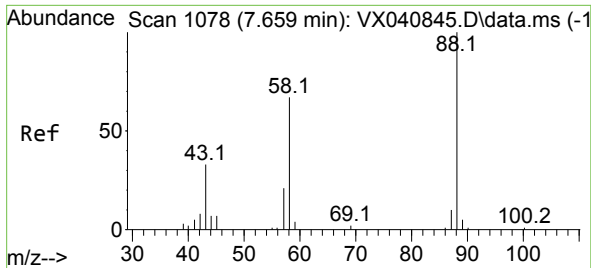
Tgt Ion:130 Resp: 246
Ion Ratio Lower Upper
130 100
95 68.1 0.0 204.4



#46
Dibromomethane
Concen: 0.277 ug/l
RT: 7.592 min Scan# 1067
Delta R.T. 0.012 min
Lab File: VX040848.D
Acq: 01 Apr 2024 15:32

Tgt Ion: 93 Resp: 113
Ion Ratio Lower Upper
93 100
95 0.0 66.6 100.0#
174 0.0 69.4 104.0#





#49

1,4-Dioxane

Concen: 3.903 ug/l

RT: 7.671 min Scan# 1

Delta R.T. 0.012 min

Lab File: VX040848.D

Acq: 01 Apr 2024 15:32

Instrument :

MSVOA_X

ClientSampleId :

IBLK

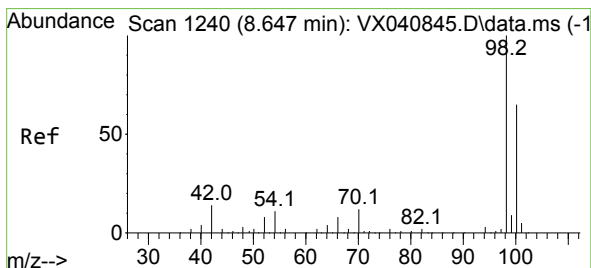
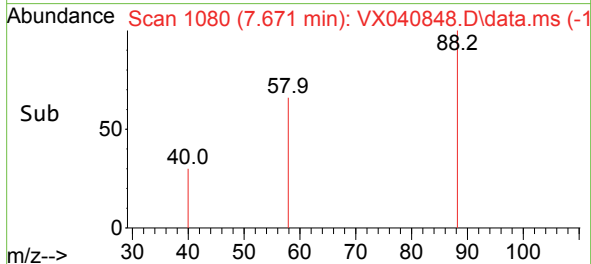
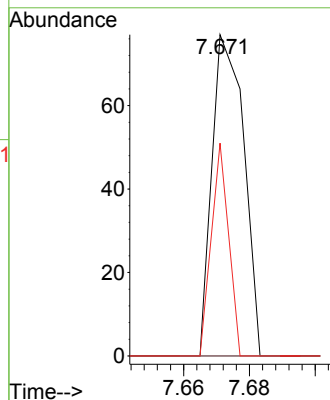
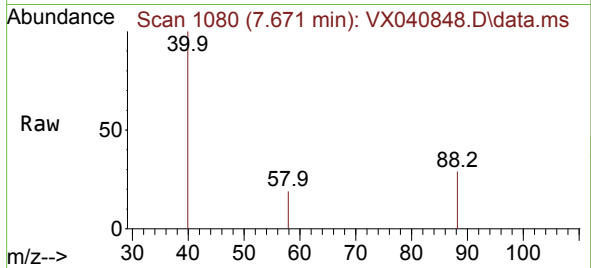
Tgt Ion: 88 Resp: 52

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 36.5 60.1 90.1#



#50

Toluene-d8

Concen: 48.208 ug/l

RT: 8.646 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX040848.D

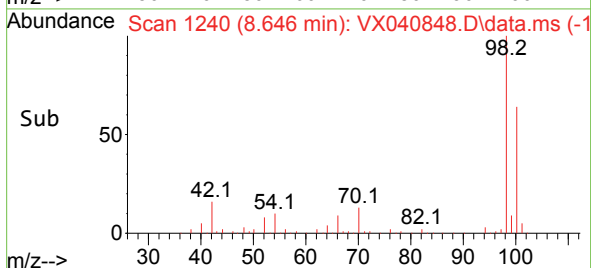
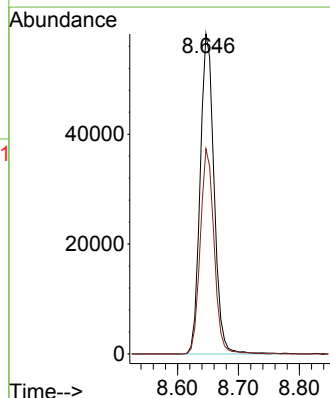
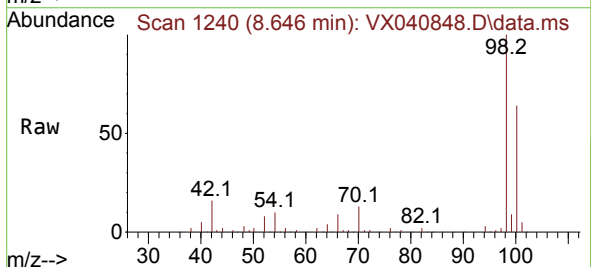
Acq: 01 Apr 2024 15:32

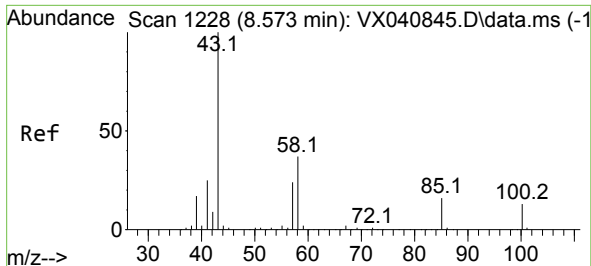
Tgt Ion: 98 Resp: 92181

Ion Ratio Lower Upper

98 100

100 63.9 53.1 79.7

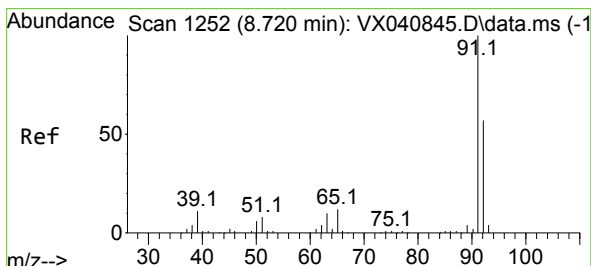
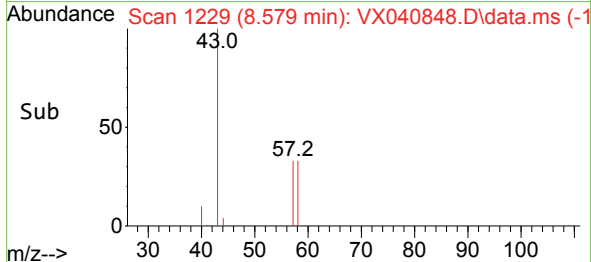
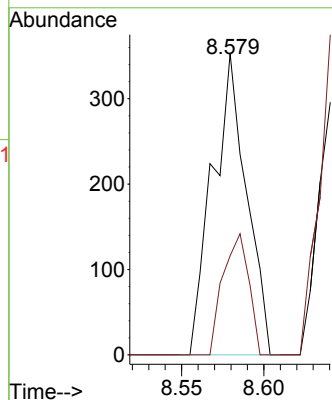
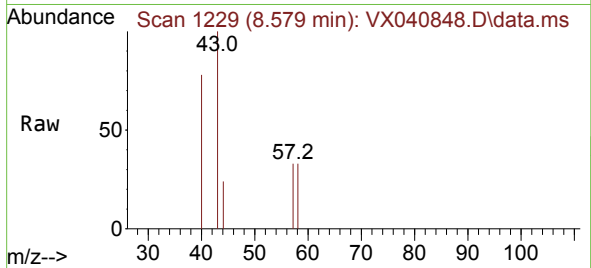




#51
4-Methyl-2-Pentanone
Concen: 0.536 ug/l
RT: 8.579 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX040848.D
Acq: 01 Apr 2024 15:32

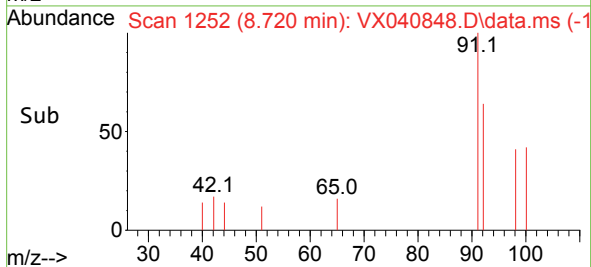
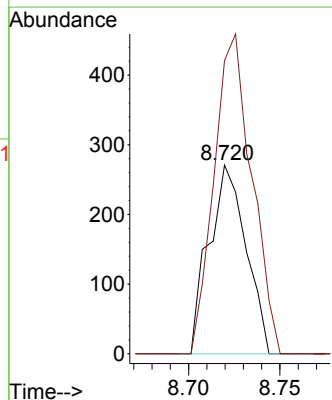
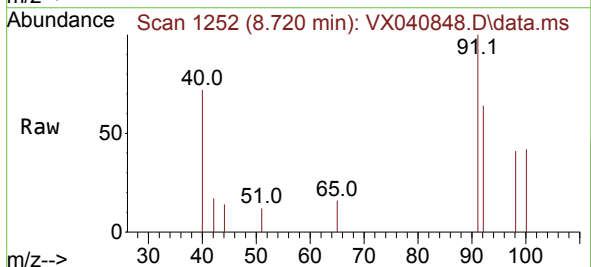
Instrument :
MSVOA_X
ClientSampleId :
IBLK

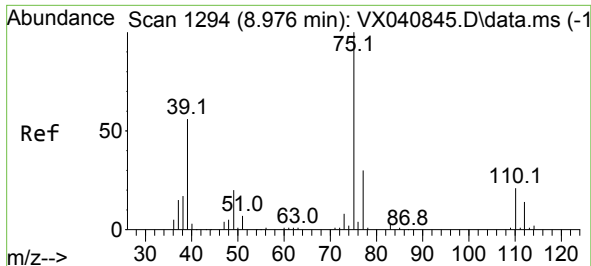
Tgt Ion: 43 Resp: 507
Ion Ratio Lower Upper
43 100
58 30.6 30.4 45.6



#52
Toluene
Concen: 0.292 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX040848.D
Acq: 01 Apr 2024 15:32

Tgt Ion: 92 Resp: 384
Ion Ratio Lower Upper
92 100
91 171.9 134.2 201.2

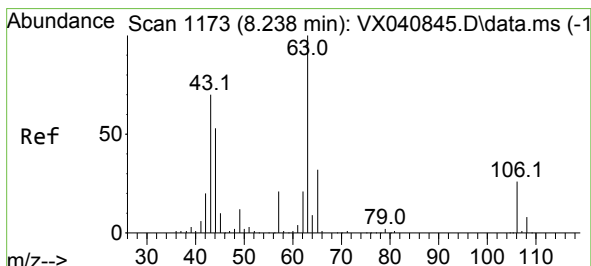
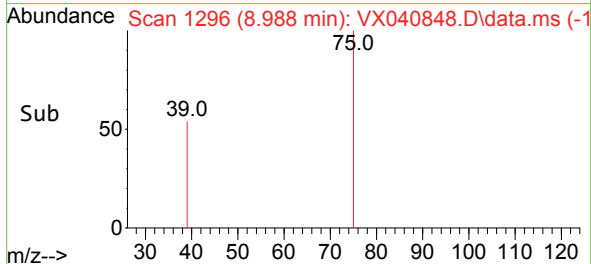
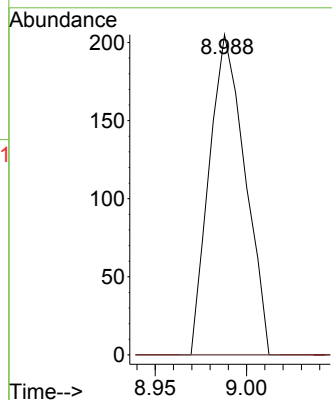
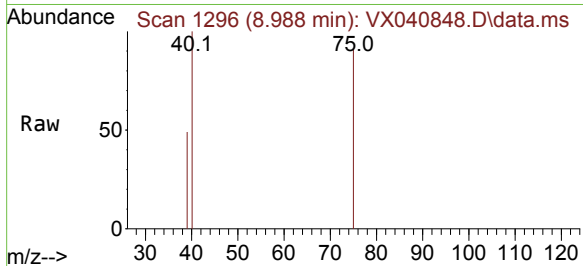




#53
t-1,3-Dichloropropene
Concen: 1.070 ug/l
RT: 8.988 min Scan# 1129
Delta R.T. 0.012 min
Lab File: VX040848.D
Acq: 01 Apr 2024 15:32

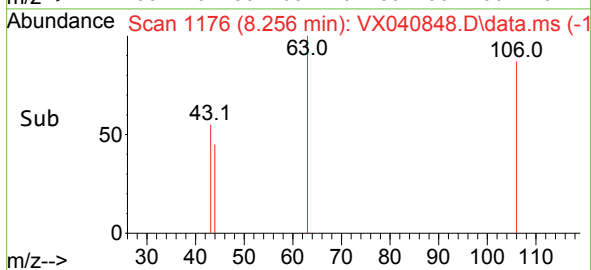
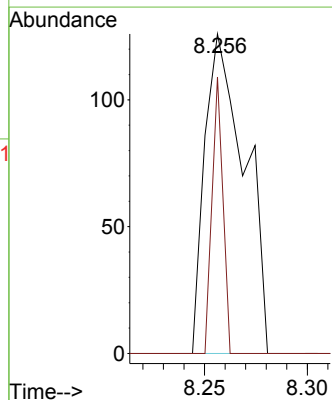
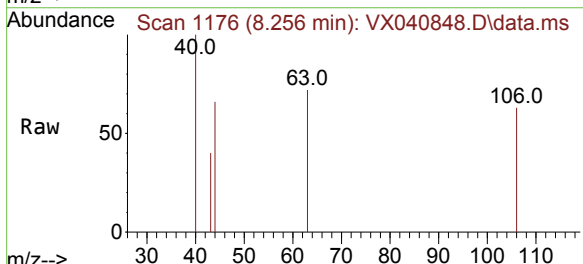
Instrument :
MSVOA_X
ClientSampleId :
IBLK

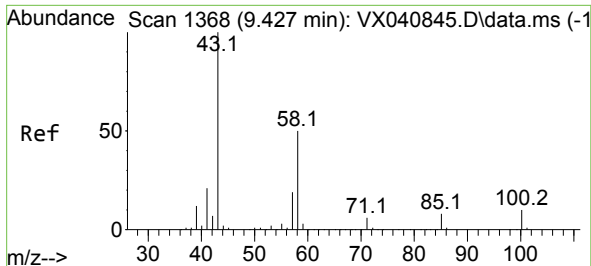
Tgt Ion: 75 Resp: 279
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#



#58
2-Chloroethyl Vinyl ether
Concen: 0.397 ug/l
RT: 8.256 min Scan# 1176
Delta R.T. 0.018 min
Lab File: VX040848.D
Acq: 01 Apr 2024 15:32

Tgt Ion: 63 Resp: 170
Ion Ratio Lower Upper
63 100
106 23.5 22.5 33.7





#59

2-Hexanone

Concen: 0.629 ug/l

RT: 9.445 min Scan# 11

Delta R.T. 0.018 min

Lab File: VX040848.D

Acq: 01 Apr 2024 15:32

Instrument :

MSVOA_X

ClientSampleId :

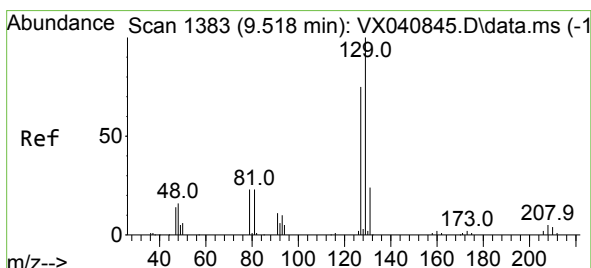
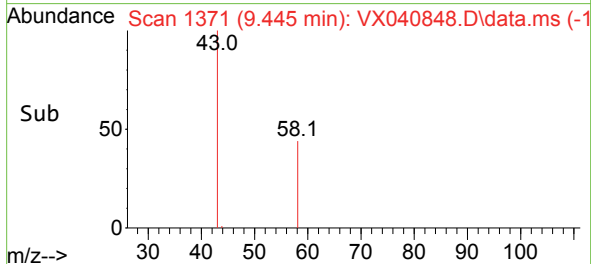
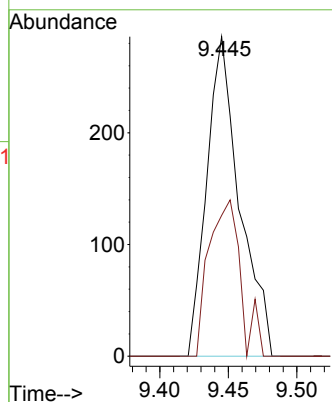
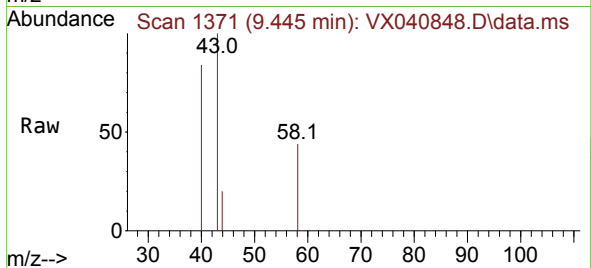
IBLK

Tgt Ion: 43 Resp: 477

Ion Ratio Lower Upper

43 100

58 47.0 26.2 78.5



#60

Dibromochloromethane

Concen: 0.554 ug/l

RT: 9.268 min Scan# 1342

Delta R.T. -0.250 min

Lab File: VX040848.D

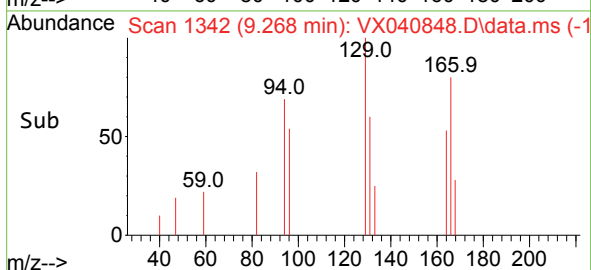
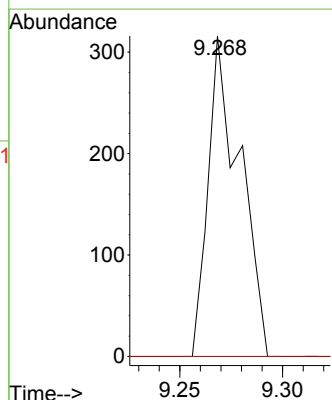
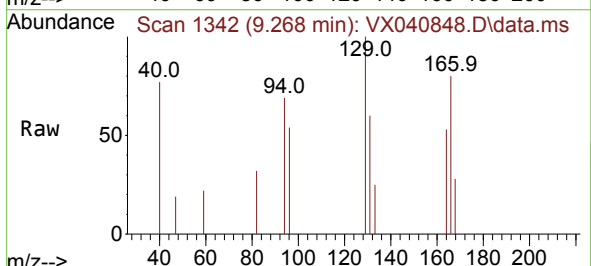
Acq: 01 Apr 2024 15:32

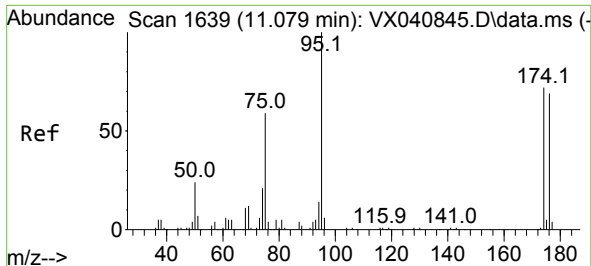
Tgt Ion: 129 Resp: 340

Ion Ratio Lower Upper

129 100

127 0.0 38.8 116.4#

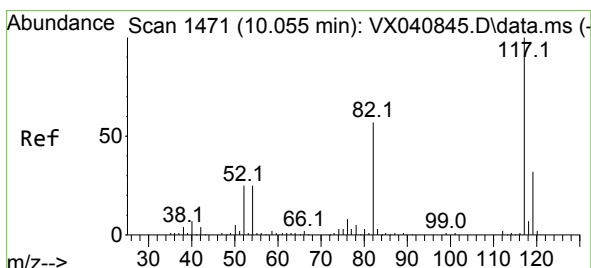
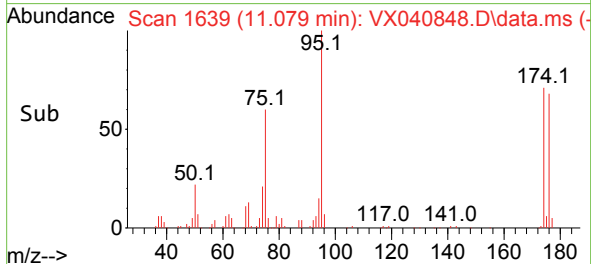
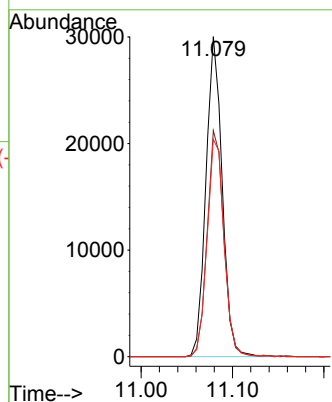
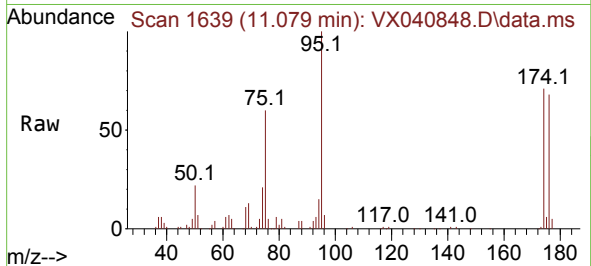




#62
4-Bromofluorobenzene
Concen: 48.495 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040848.D
Acq: 01 Apr 2024 15:32

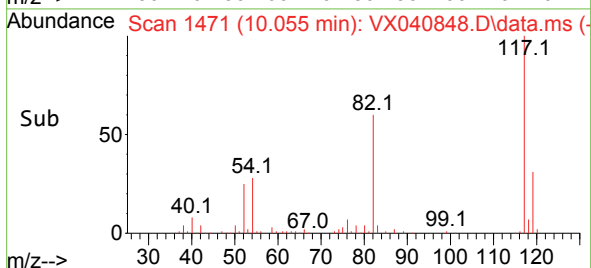
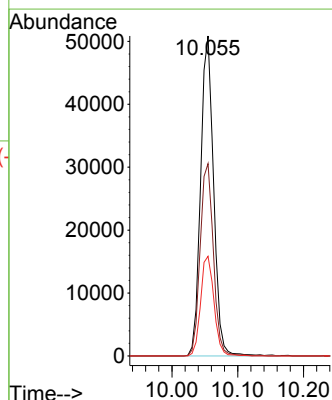
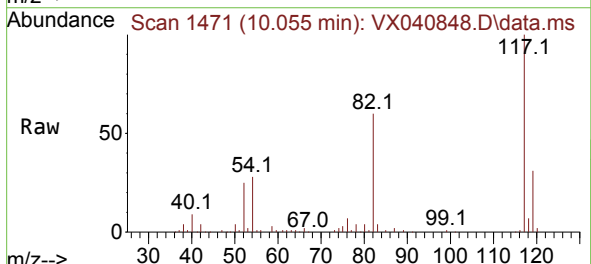
Instrument :
MSVOA_X
ClientSampleId :
IBLK

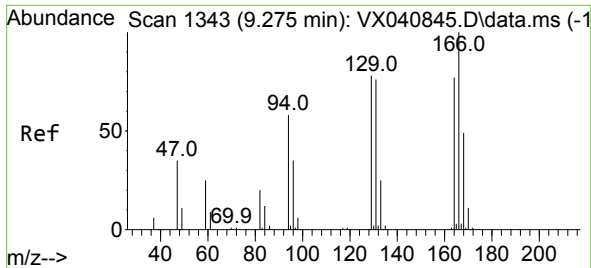
Tgt Ion: 95 Resp: 37031
Ion Ratio Lower Upper
95 100
174 72.4 0.0 135.6
176 71.1 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040848.D
Acq: 01 Apr 2024 15:32

Tgt Ion: 117 Resp: 69892
Ion Ratio Lower Upper
117 100
82 60.1 46.2 69.4
119 31.2 25.5 38.3

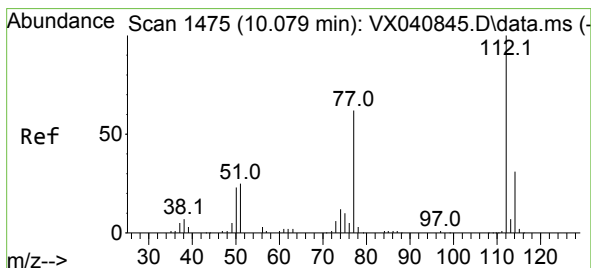
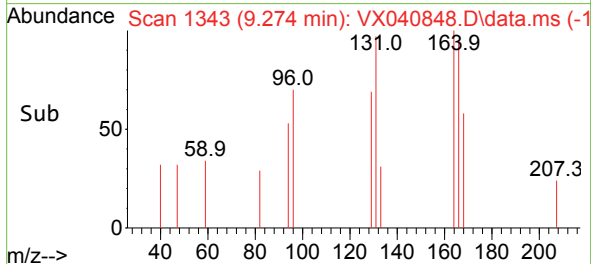
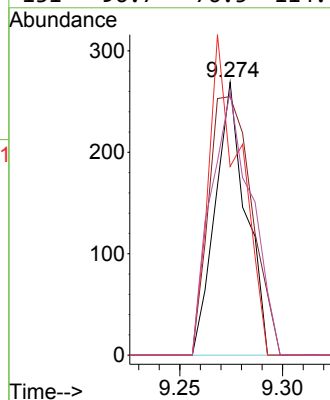
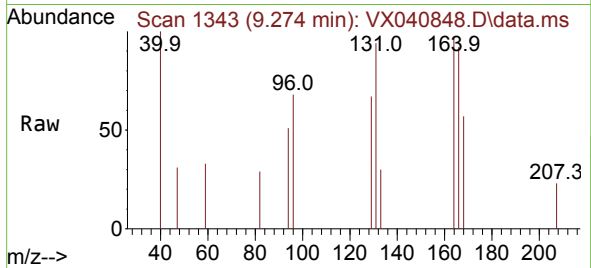




#64
Tetrachloroethene
Concen: 0.603 ug/l
RT: 9.274 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040848.D
Acq: 01 Apr 2024 15:32

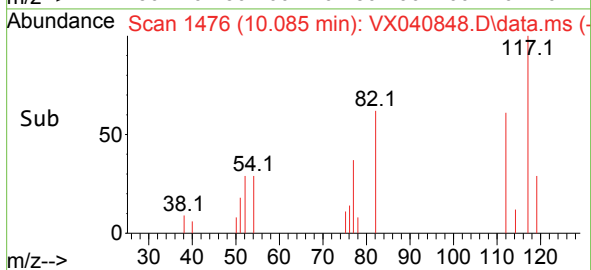
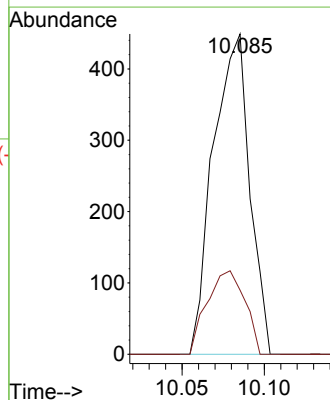
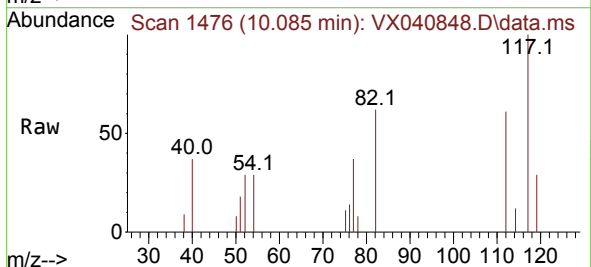
Instrument :
MSVOA_X
ClientSampleId :
IBLK

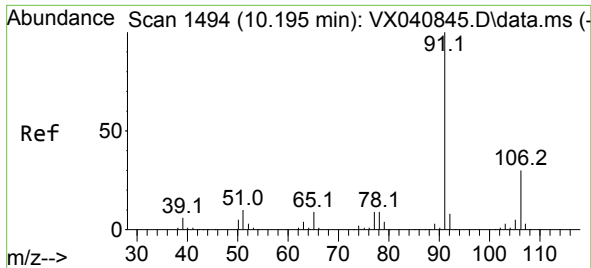
Tgt Ion:164	Resp:	279
Ion	Ratio	Lower Upper
164	100	
166	94.8	102.7 154.1#
129	69.1	80.4 120.6#
131	96.7	76.5 114.7



#65
Chlorobenzene
Concen: 0.451 ug/l
RT: 10.085 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VX040848.D
Acq: 01 Apr 2024 15:32

Tgt Ion:112	Resp:	690
Ion	Ratio	Lower Upper
112	100	
114	20.0	25.7 38.5#

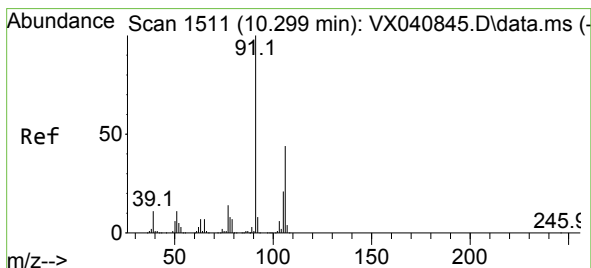
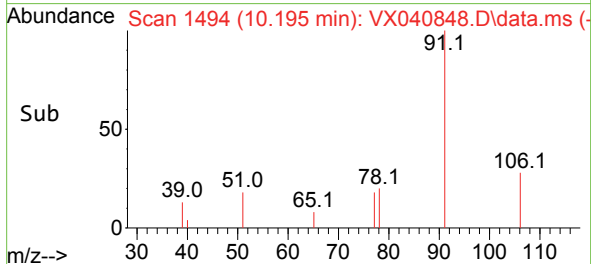
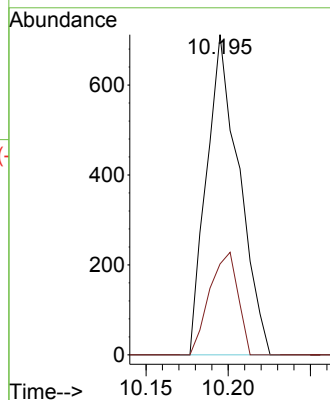
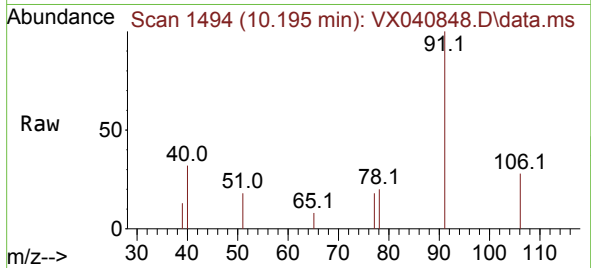




#67
Ethyl Benzene
Concen: 0.358 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX040848.D
Acq: 01 Apr 2024 15:32

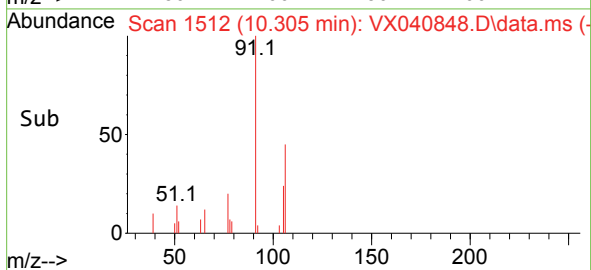
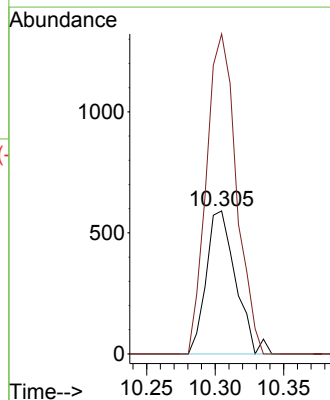
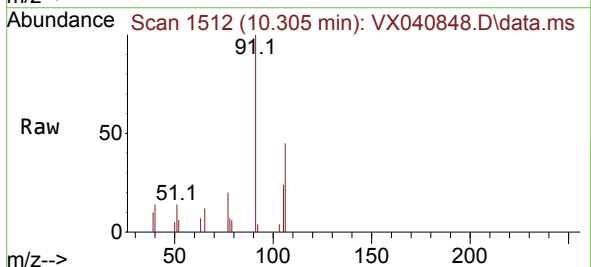
Instrument :
MSVOA_X
ClientSampleId :
IBLK

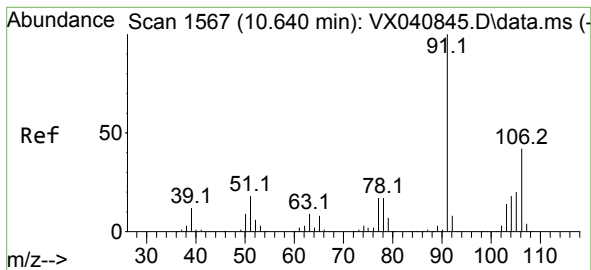
Tgt Ion: 91 Resp: 976
Ion Ratio Lower Upper
91 100
106 28.4 24.9 37.3



#68
m/p-Xylenes
Concen: 0.892 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX040848.D
Acq: 01 Apr 2024 15:32

Tgt Ion: 106 Resp: 885
Ion Ratio Lower Upper
106 100
91 227.7 165.5 248.3





#69

o-Xylene

Concen: 0.345 ug/l

RT: 10.646 min Scan# 1571

Delta R.T. 0.006 min

Lab File: VX040848.D

Acq: 01 Apr 2024 15:32

Instrument :

MSVOA_X

ClientSampleId :

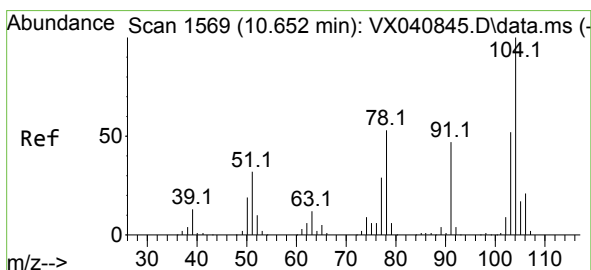
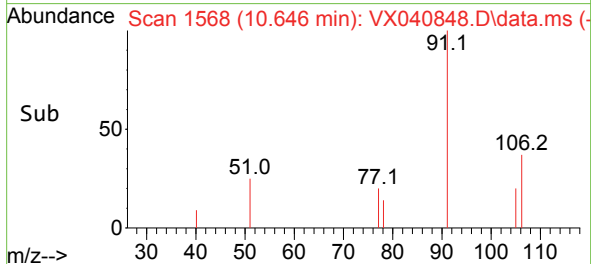
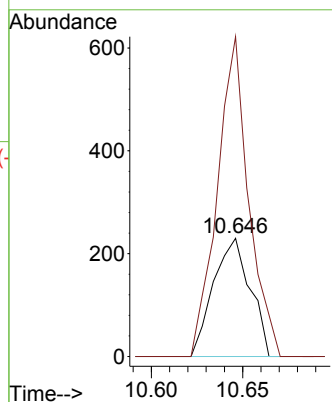
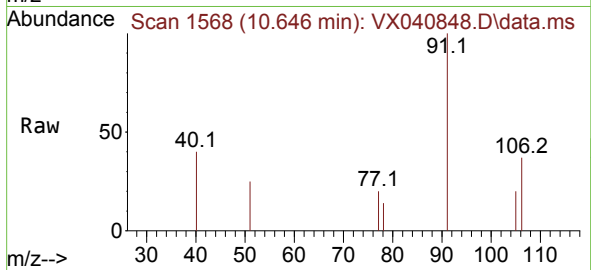
IBLK

Tgt Ion:106 Resp: 322

Ion Ratio Lower Upper

106 100

91 230.4 108.9 326.8



#70

Styrene

Concen: 0.297 ug/l

RT: 10.664 min Scan# 1571

Delta R.T. 0.012 min

Lab File: VX040848.D

Acq: 01 Apr 2024 15:32

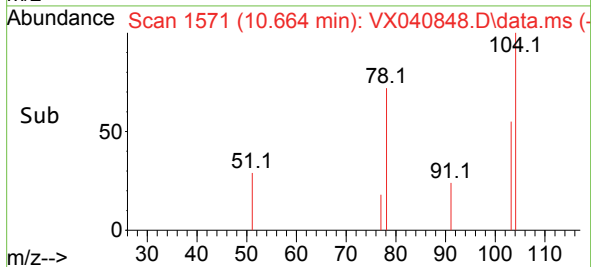
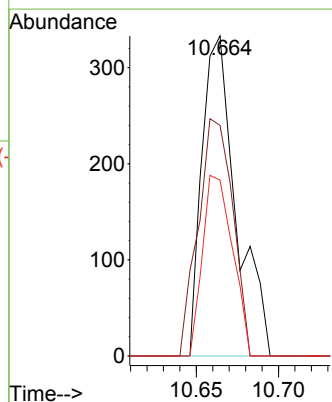
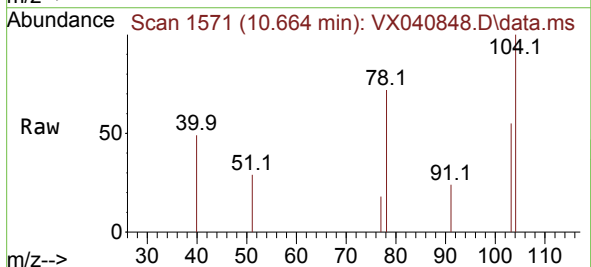
Tgt Ion:104 Resp: 481

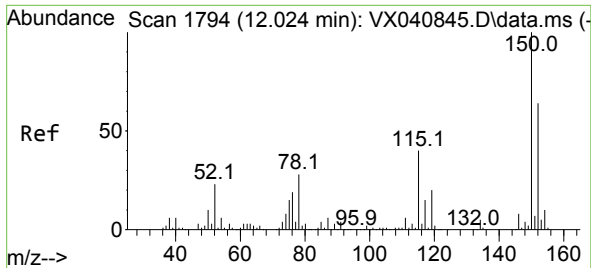
Ion Ratio Lower Upper

104 100

78 75.1 43.6 65.4#

103 49.5 43.6 65.4

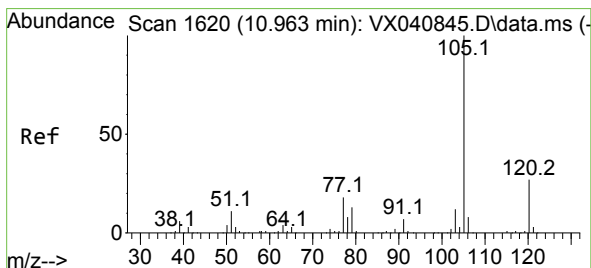
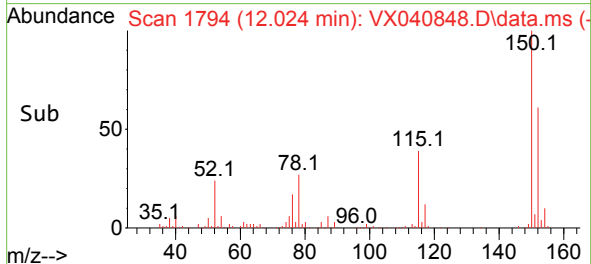
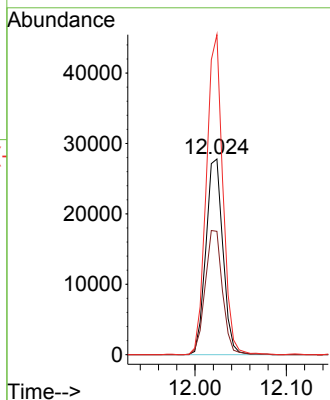
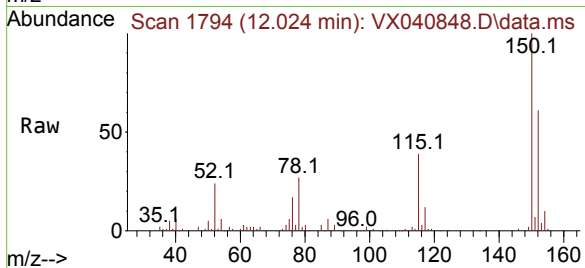




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040848.D
Acq: 01 Apr 2024 15:32

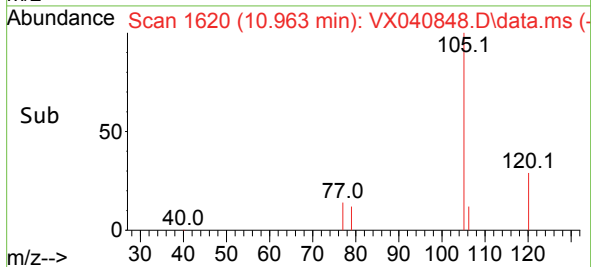
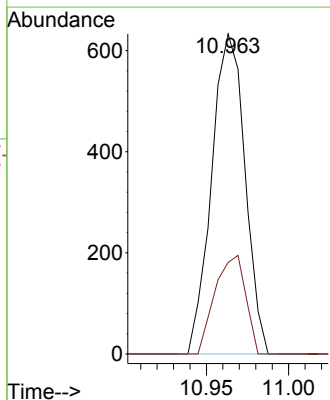
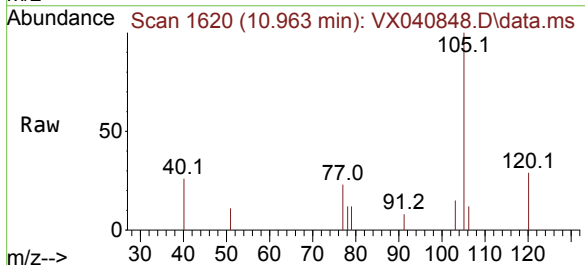
Instrument :
MSVOA_X
ClientSampleId :
IBLK

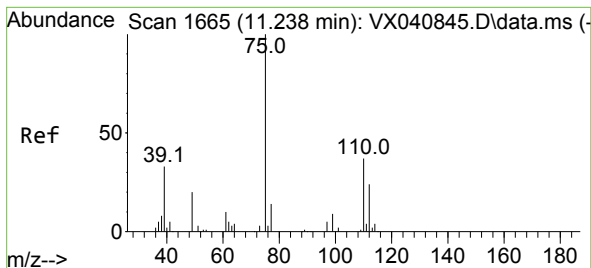
Tgt Ion:152 Resp: 35903
Ion Ratio Lower Upper
152 100
115 64.5 43.3 129.9
150 158.1 0.0 345.0



#73
Isopropylbenzene
Concen: 0.356 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX040848.D
Acq: 01 Apr 2024 15:32

Tgt Ion:105 Resp: 893
Ion Ratio Lower Upper
105 100
120 28.2 12.9 38.6





#76

1,2,3-Trichloropropane

Concen: 28.795 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX040848.D

Acq: 01 Apr 2024 15:32

Instrument :

MSVOA_X

ClientSampleId :

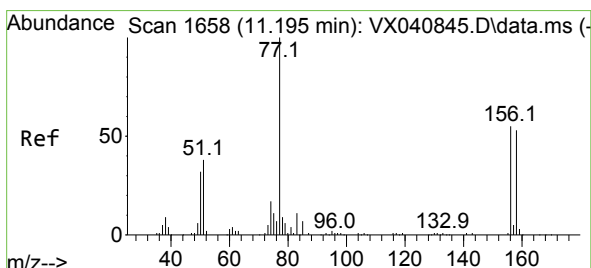
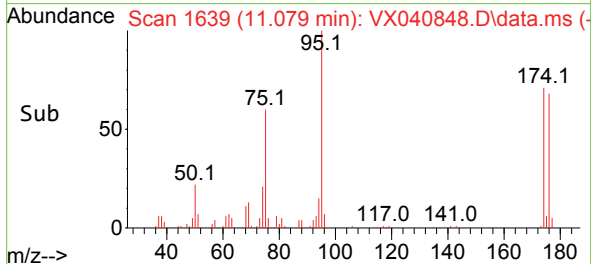
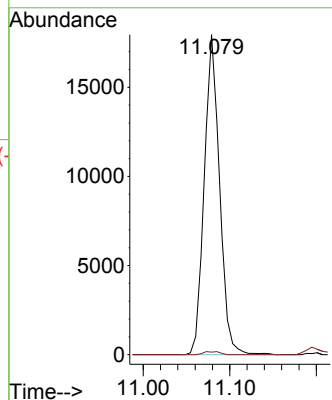
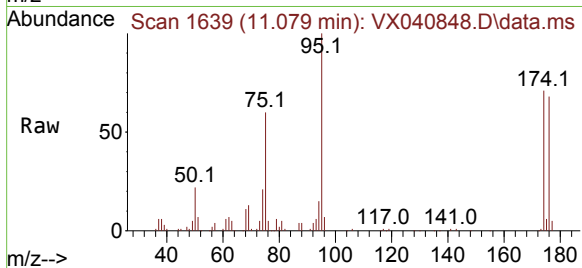
IBLK

Tgt Ion: 75 Resp: 22045

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#77

Bromobenzene

Concen: 0.658 ug/l

RT: 11.207 min Scan# 1660

Delta R.T. 0.012 min

Lab File: VX040848.D

Acq: 01 Apr 2024 15:32

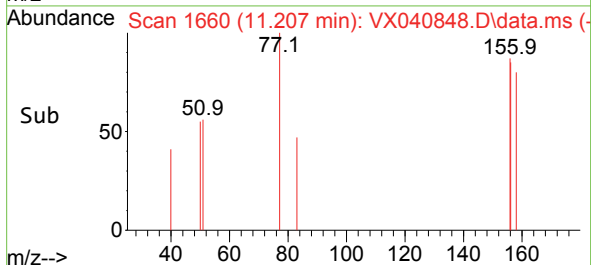
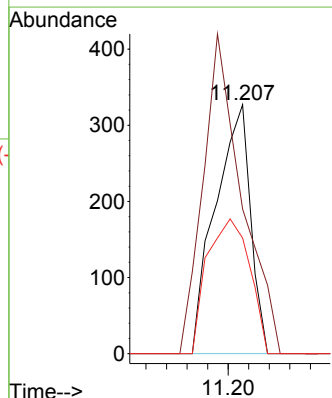
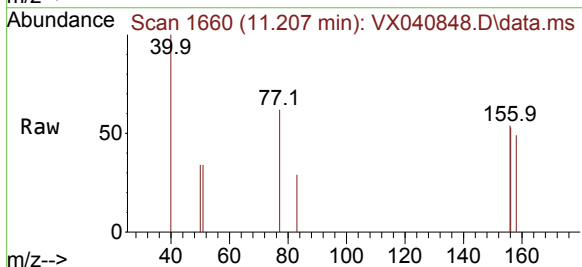
Tgt Ion:156 Resp: 387

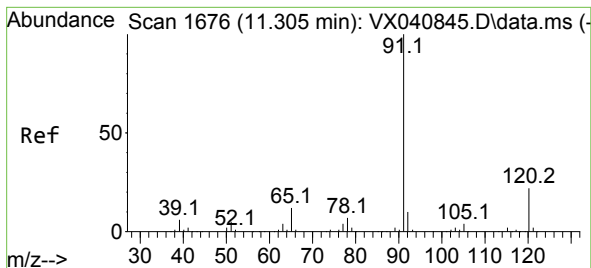
Ion Ratio Lower Upper

156 100

77 141.3 88.4 265.3

158 65.6 48.0 144.0





#78

n-propylbenzene

Concen: 0.640 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX040848.D

Acq: 01 Apr 2024 15:32

Instrument :

MSVOA_X

ClientSampleId :

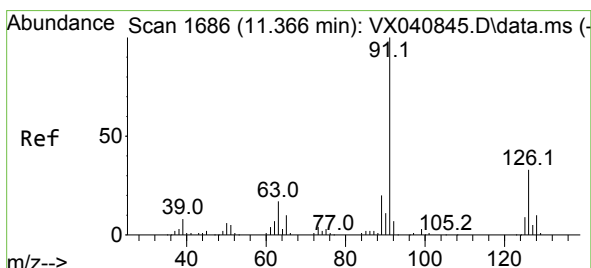
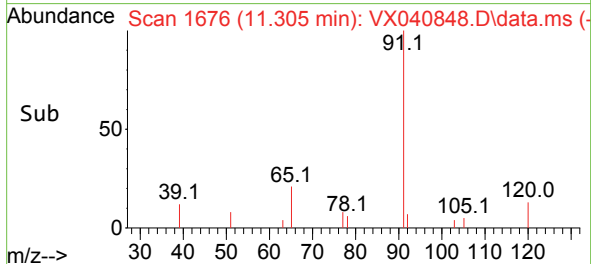
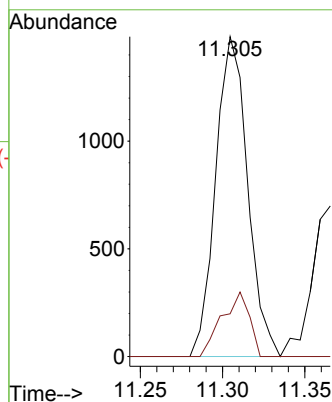
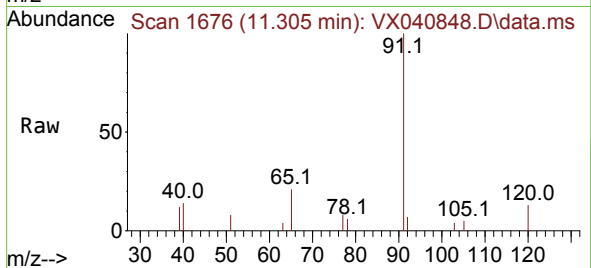
IBLK

Tgt Ion: 91 Resp: 2005

Ion Ratio Lower Upper

91 100

120 17.3 11.5 34.4



#79

2-Chlorotoluene

Concen: 0.555 ug/l

RT: 11.366 min Scan# 1686

Delta R.T. -0.000 min

Lab File: VX040848.D

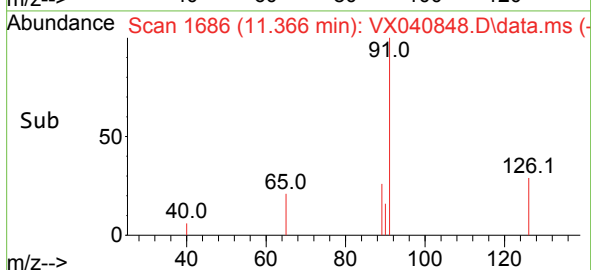
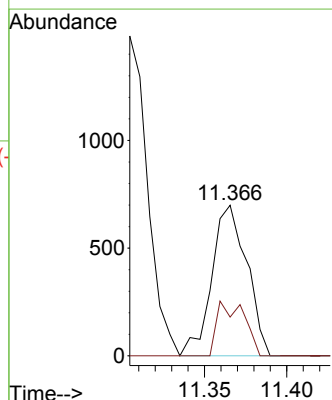
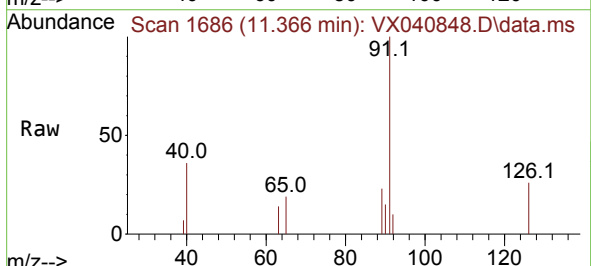
Acq: 01 Apr 2024 15:32

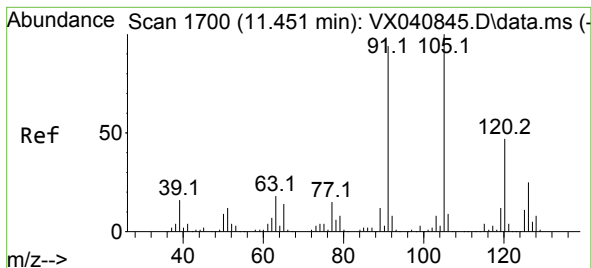
Tgt Ion: 91 Resp: 1038

Ion Ratio Lower Upper

91 100

126 28.1 16.3 48.8





#80

1,3,5-Trimethylbenzene

Concen: 0.492 ug/l

RT: 11.451 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX040848.D

Acq: 01 Apr 2024 15:32

Instrument :

MSVOA_X

ClientSampleId :

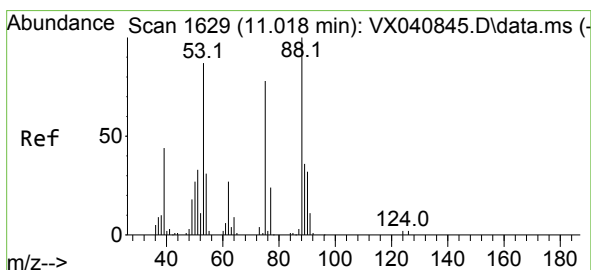
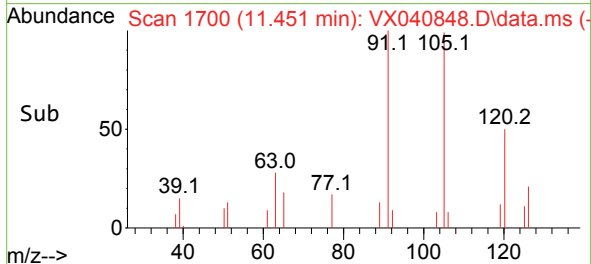
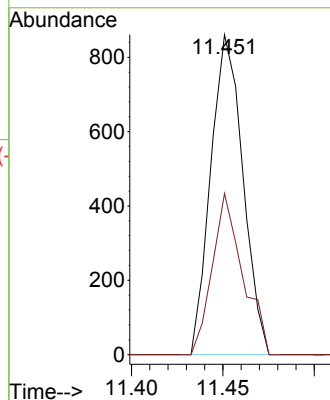
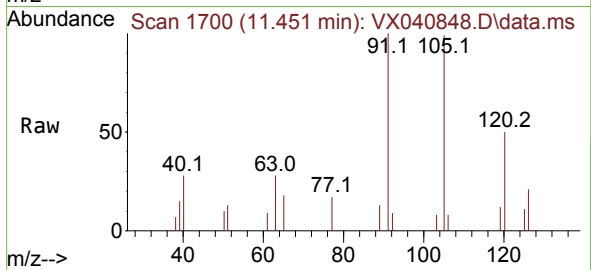
IBLK

Tgt Ion:105 Resp: 1054

Ion Ratio Lower Upper

105 100

120 47.8 24.1 72.3



#81

trans-1,4-Dichloro-2-butene

Concen: 77.688 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX040848.D

Acq: 01 Apr 2024 15:32

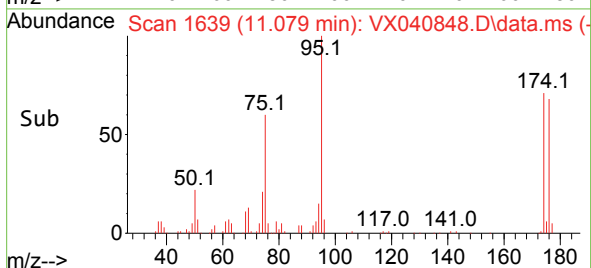
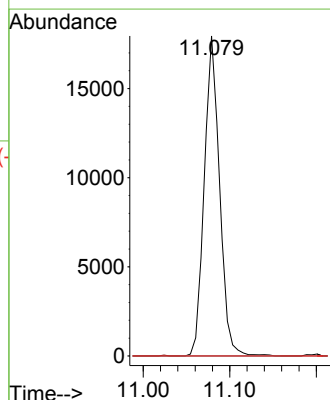
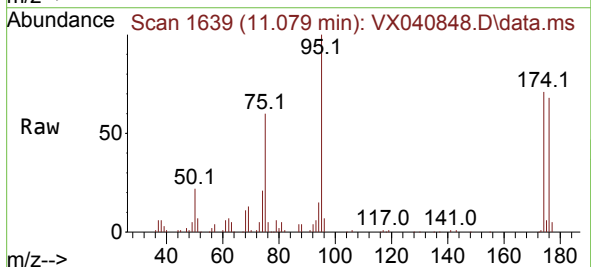
Tgt Ion: 75 Resp: 22045

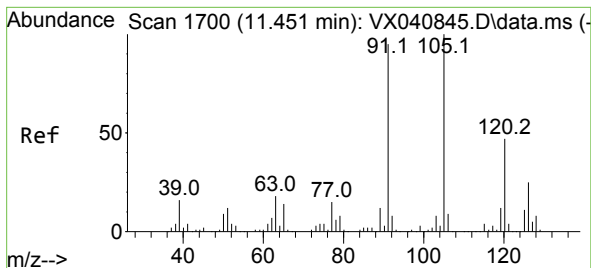
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

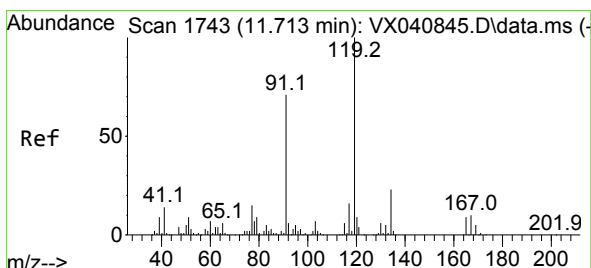
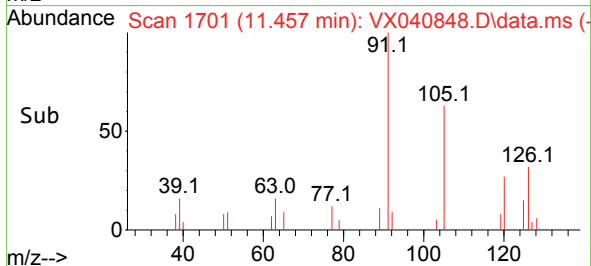
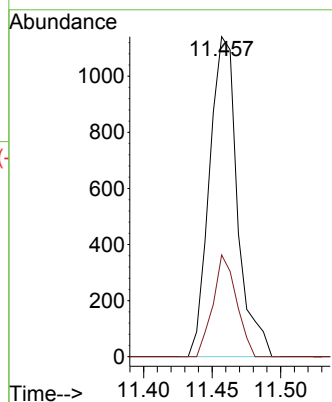
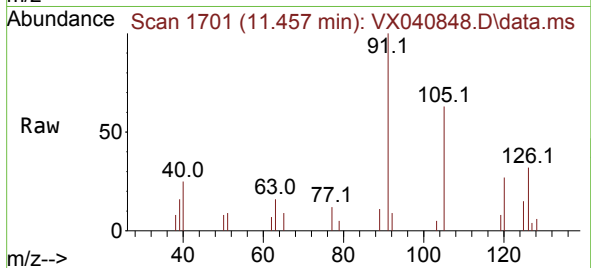




#82
4-Chlorotoluene
Concen: 0.726 ug/l
RT: 11.457 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX040848.D
Acq: 01 Apr 2024 15:32

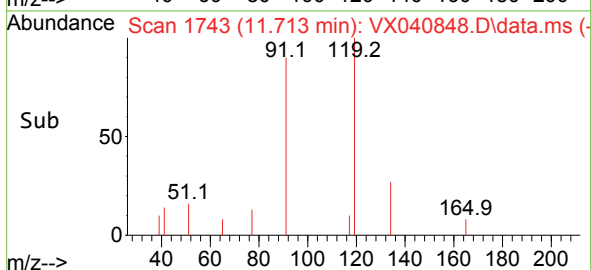
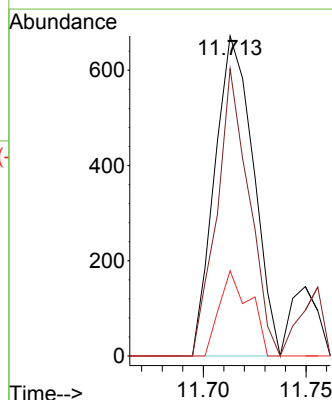
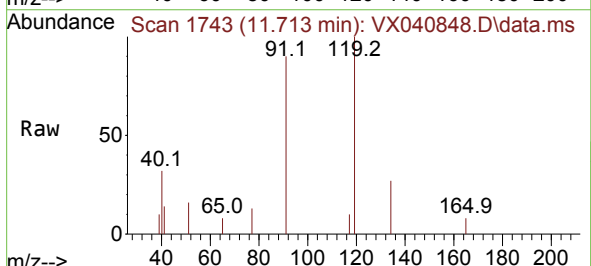
Instrument :
MSVOA_X
ClientSampleId :
IBLK

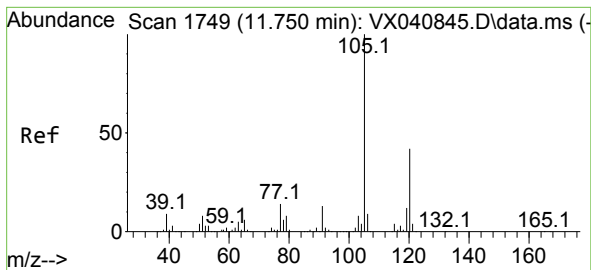
Tgt Ion: 91 Resp: 1620
Ion Ratio Lower Upper
91 100
126 26.7 14.2 42.6



#83
tert-Butylbenzene
Concen: 0.414 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX040848.D
Acq: 01 Apr 2024 15:32

Tgt Ion: 119 Resp: 879
Ion Ratio Lower Upper
119 100
91 74.9 31.2 93.6
134 21.0 11.7 35.0





#84

1,2,4-Trimethylbenzene

Concen: 0.556 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VX040848.D

Acq: 01 Apr 2024 15:32

Instrument :

MSVOA_X

ClientSampleId :

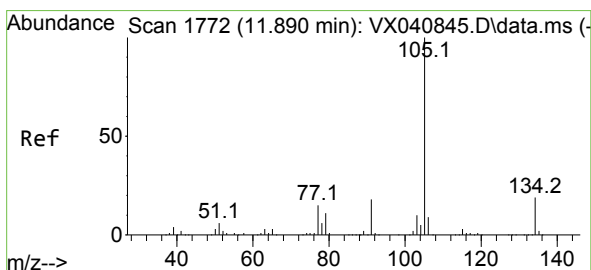
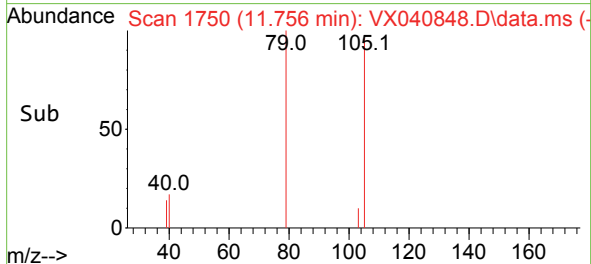
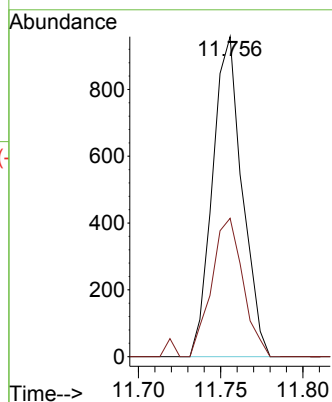
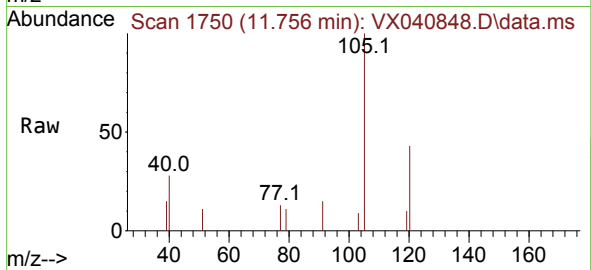
IBLK

Tgt Ion:105 Resp: 1199

Ion Ratio Lower Upper

105 100

120 45.9 21.2 63.6



#85

sec-Butylbenzene

Concen: 0.683 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX040848.D

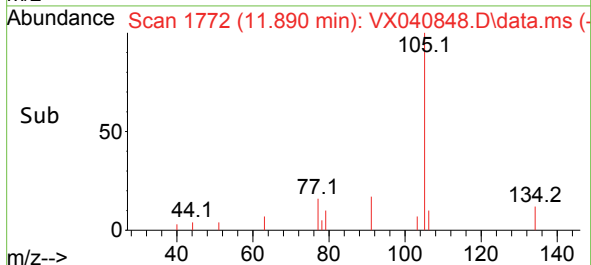
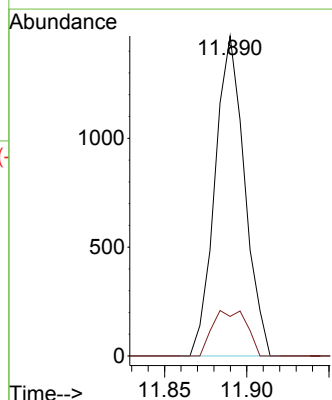
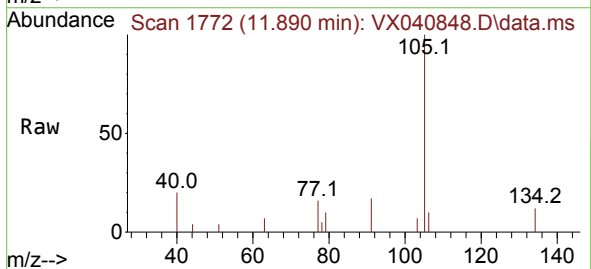
Acq: 01 Apr 2024 15:32

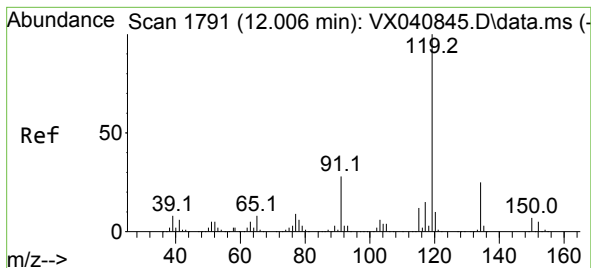
Tgt Ion:105 Resp: 1842

Ion Ratio Lower Upper

105 100

134 16.4 9.8 29.4





#86

p-Isopropyltoluene

Concen: 0.678 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. 0.006 min

Lab File: VX040848.D

Acq: 01 Apr 2024 15:32

Instrument :

MSVOA_X

ClientSampleId :

IBLK

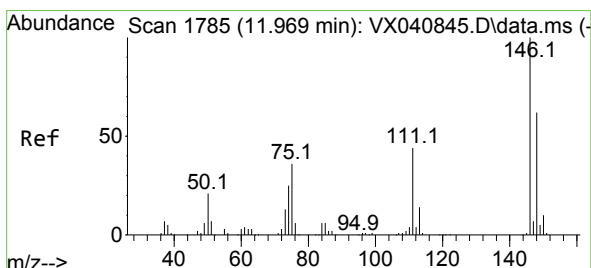
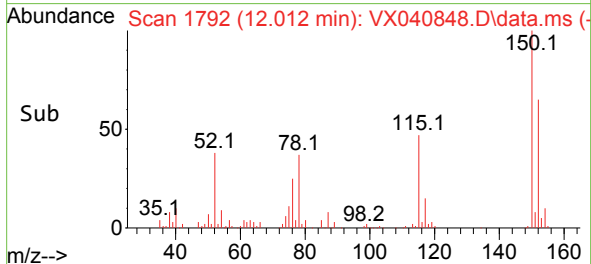
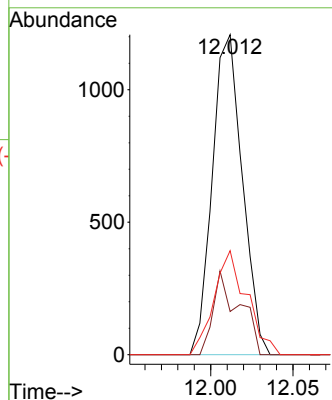
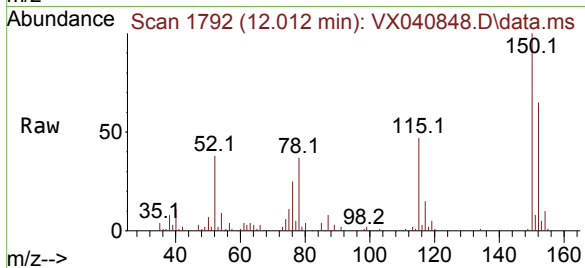
Tgt Ion:119 Resp: 1535

Ion Ratio Lower Upper

119 100

134 22.7 12.8 38.3

91 35.4 13.1 39.3



#87

1,3-Dichlorobenzene

Concen: 0.876 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX040848.D

Acq: 01 Apr 2024 15:32

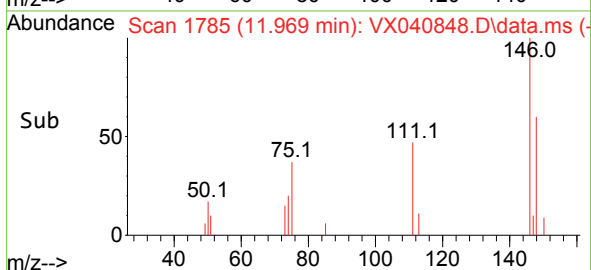
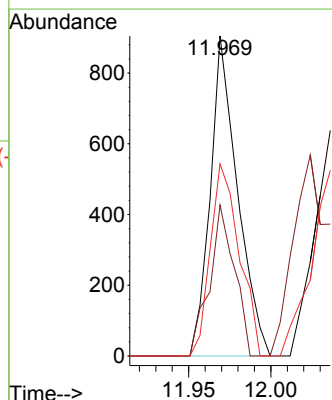
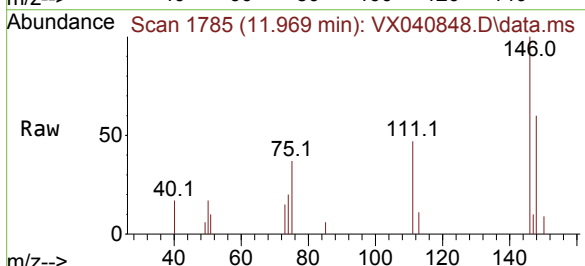
Tgt Ion:146 Resp: 1042

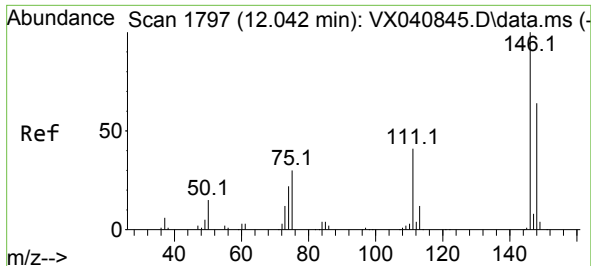
Ion Ratio Lower Upper

146 100

111 43.2 22.1 66.1

148 63.7 31.8 95.3

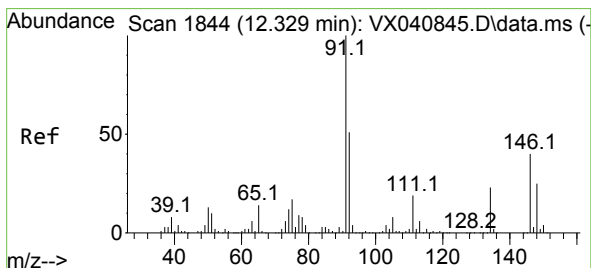
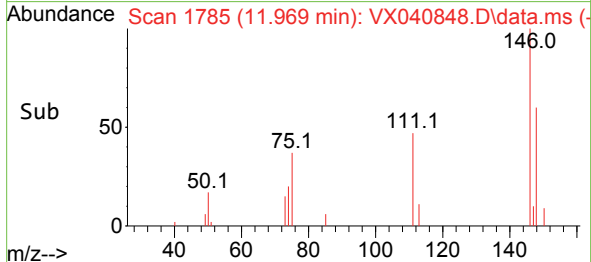
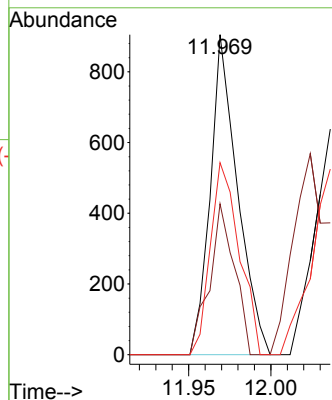
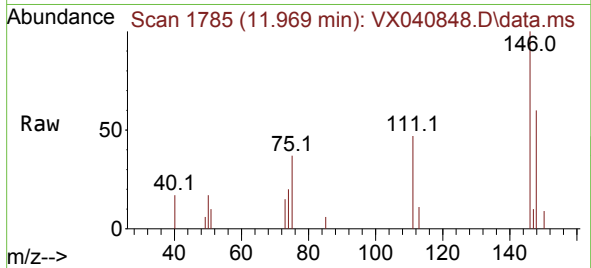




#88
 1,4-Dichlorobenzene
 Concen: 0.826 ug/l
 RT: 11.969 min Scan# 1797
 Delta R.T. -0.073 min
 Lab File: VX040848.D
 Acq: 01 Apr 2024 15:32

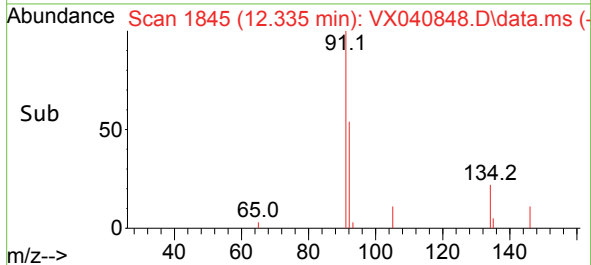
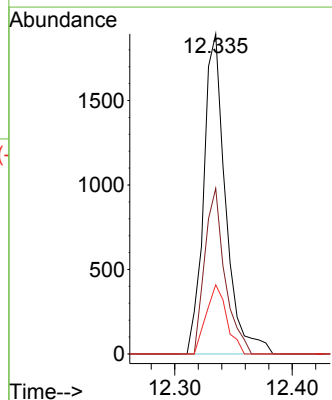
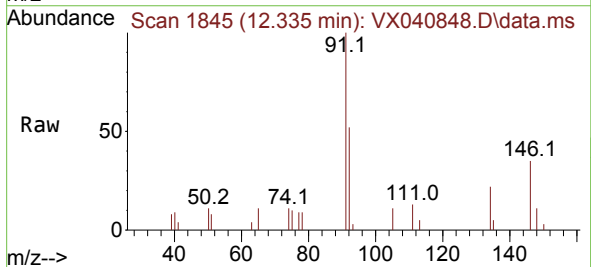
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

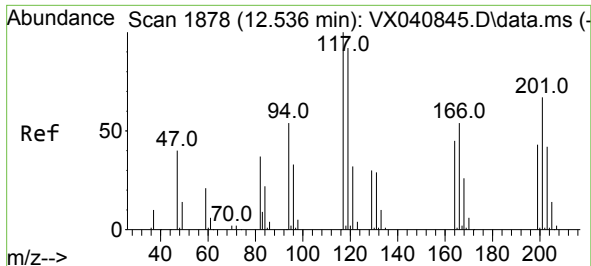
Tgt Ion:146 Resp: 1042
 Ion Ratio Lower Upper
 146 100
 111 43.2 21.3 63.7
 148 63.7 31.8 95.4



#89
 n-Butylbenzene
 Concen: 1.097 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. 0.006 min
 Lab File: VX040848.D
 Acq: 01 Apr 2024 15:32

Tgt Ion: 91 Resp: 2453
 Ion Ratio Lower Upper
 91 100
 92 47.6 27.4 82.0
 134 20.2 12.6 37.8

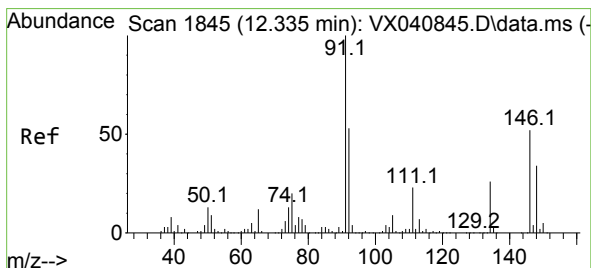
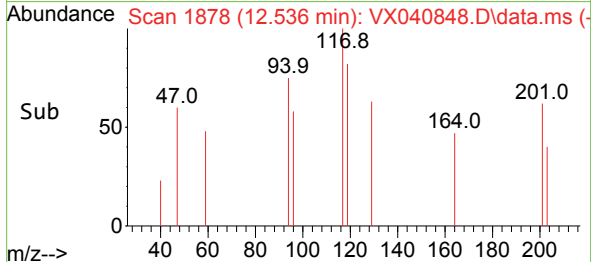
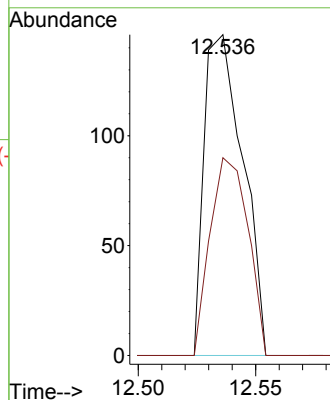
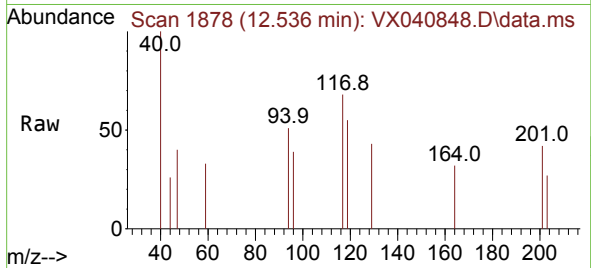




#90
Hexachloroethane
Concen: 0.426 ug/l
RT: 12.536 min Scan# 117
Delta R.T. -0.000 min
Lab File: VX040848.D
Acq: 01 Apr 2024 15:32

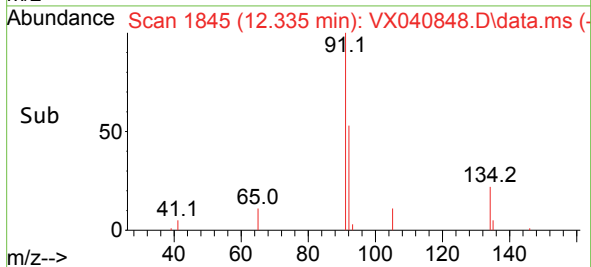
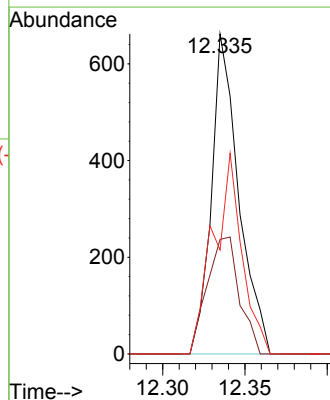
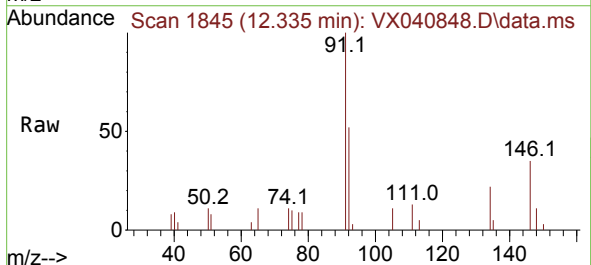
Instrument :
MSVOA_X
ClientSampleId :
IBLK

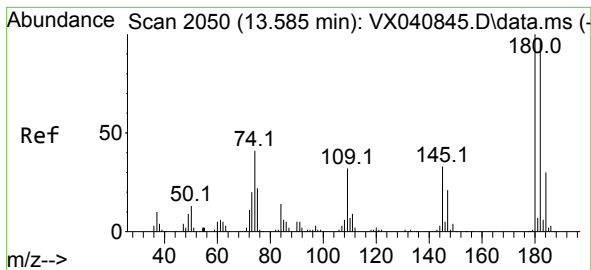
Tgt Ion:117 Resp: 168
Ion Ratio Lower Upper
117 100
201 60.1 32.9 98.6



#91
1,2-Dichlorobenzene
Concen: 0.656 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX040848.D
Acq: 01 Apr 2024 15:32

Tgt Ion:146 Resp: 764
Ion Ratio Lower Upper
146 100
111 43.1 22.4 67.0
148 65.8 31.6 95.0

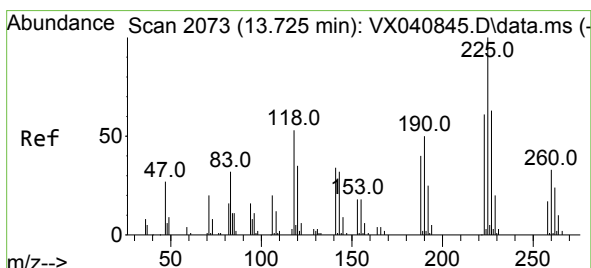
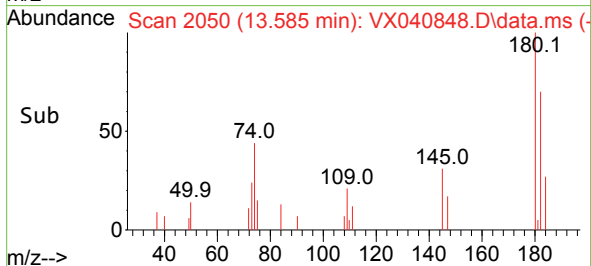
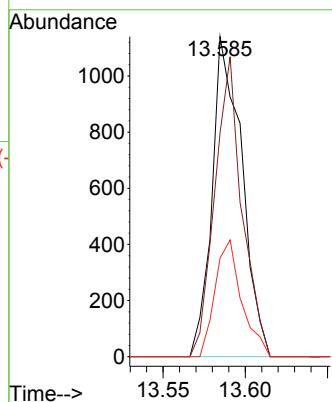
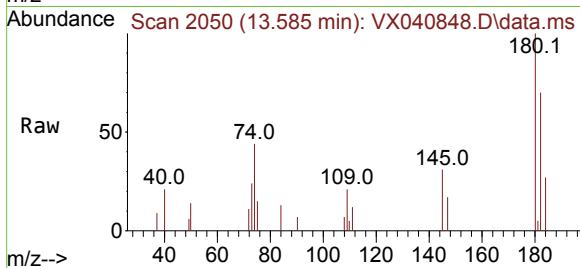




#93
 1,2,4-Trichlorobenzene
 Concen: 1.767 ug/l
 RT: 13.585 min Scan# 2050
 Delta R.T. -0.000 min
 Lab File: VX040848.D
 Acq: 01 Apr 2024 15:32

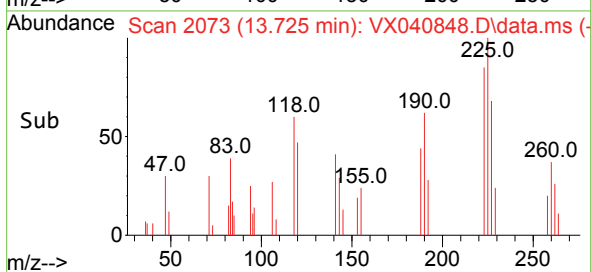
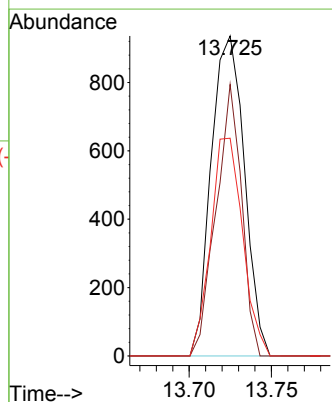
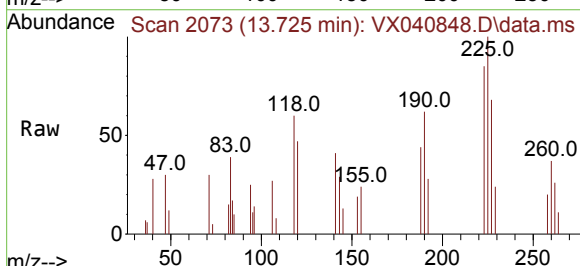
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

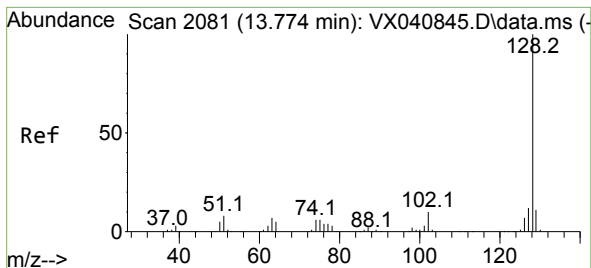
Tgt Ion:180	Resp:	1427
Ion	Ratio	Lower Upper
180	100	
182	86.3	48.3 144.8
145	32.9	18.0 54.0



#94
 Hexachlorobutadiene
 Concen: 4.246 ug/l
 RT: 13.725 min Scan# 2073
 Delta R.T. -0.000 min
 Lab File: VX040848.D
 Acq: 01 Apr 2024 15:32

Tgt Ion:225	Resp:	1314
Ion	Ratio	Lower Upper
225	100	
223	65.2	31.1 93.2
227	65.5	32.5 97.5





#95

Naphthalene

Concen: 1.406 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX040848.D

Acq: 01 Apr 2024 15:32

Instrument :

MSVOA_X

ClientSampleId :

IBLK

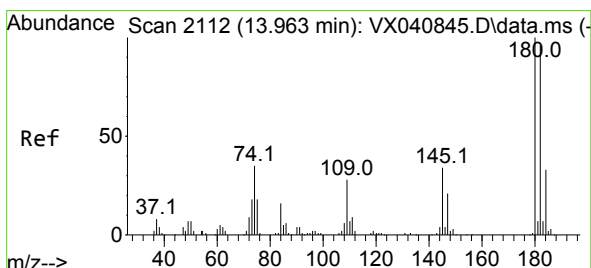
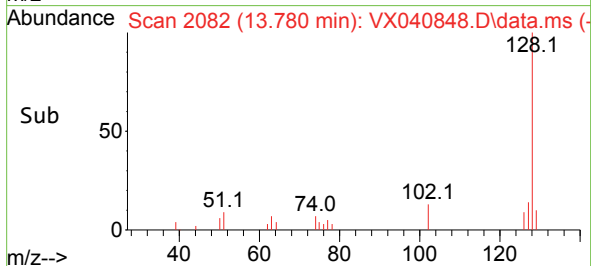
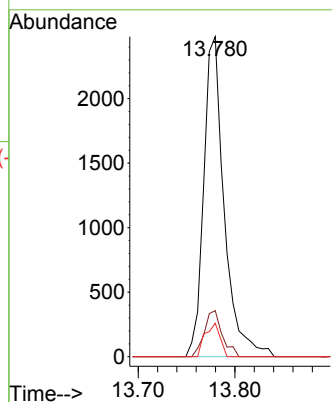
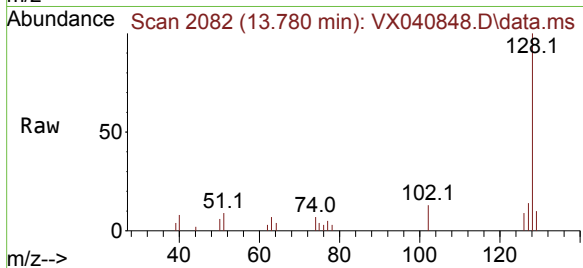
Tgt Ion:128 Resp: 3656

Ion Ratio Lower Upper

128 100

127 12.6 10.3 15.5

129 7.6 8.8 13.2#



#96

1,2,3-Trichlorobenzene

Concen: 1.574 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX040848.D

Acq: 01 Apr 2024 15:32

Tgt Ion:180 Resp: 1213

Ion Ratio Lower Upper

180 100

182 103.3 46.9 140.6

145 33.7 17.8 53.5

