

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032124\
 Data File : VX040742.D
 Acq On : 21 Mar 2024 14:10
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Mar 22 02:05:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 01:58:09 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	45178	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.763	114	77881	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	67793	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	36184	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	35618	46.888	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.780%
35) Dibromofluoromethane	5.385	113	26003	44.621	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.240%
50) Toluene-d8	8.647	98	90156	45.182	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.360%#
62) 4-Bromofluorobenzene	11.079	95	34066	43.212	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.420%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	360	0.616	ug/l	78
3) Chloromethane	1.294	50	250	0.418	ug/l #	43
4) Vinyl Chloride	1.374	62	134	0.237	ug/l #	77
6) Chloroethane	1.691	64	213	0.535	ug/l #	43
7) Trichlorofluoromethane	1.892	101	401	0.405	ug/l #	74
9) 1,1,2-Trichlorotrifluo...	2.331	101	512	0.899	ug/l #	86
10) Methyl Iodide	2.453	142	309	0.410	ug/l #	72
11) Tert butyl alcohol	2.940	59	1415	11.632	ug/l	98
12) 1,1-Dichloroethene	2.331	96	108	0.202	ug/l #	41
13) Acrolein	2.239	56	202	2.806	ug/l #	80
15) Acrylonitrile	3.062	53	973	3.240	ug/l #	79
16) Acetone	2.373	43	1116	4.148	ug/l #	82
17) Carbon Disulfide	2.514	76	2705	1.765	ug/l	97
18) Methyl Acetate	2.703	43	199	0.276	ug/l #	53
21) trans-1,2-Dichloroethene	3.099	96	262	0.465	ug/l	93
23) Vinyl Acetate	3.739	43	635	0.360	ug/l #	73
25) 2-Butanone	4.568	43	533	1.265	ug/l #	51
29) Tetrahydrofuran	5.013	42	229	0.817	ug/l #	62
36) 1,1-Dichloropropene	5.690	75	348	0.406	ug/l #	57
38) Carbon Tetrachloride	5.550	117	5253	5.439	ug/l #	15
39) Methylcyclohexane	7.372	83	822	0.865	ug/l #	82
41) Methacrylonitrile	5.025	41	178	0.356	ug/l #	32
44) Trichloroethene	7.141	130	164	0.289	ug/l	64
49) 1,4-Dioxane	7.659	88	888	75.242	ug/l #	91
51) 4-Methyl-2-Pentanone	8.580	43	456	0.481	ug/l #	37
52) Toluene	8.726	92	305	0.216	ug/l	94
58) 2-Chloroethyl Vinyl ether	8.263	63	145	0.287	ug/l #	47
59) 2-Hexanone	9.445	43	513	0.698	ug/l	94
60) Dibromochloromethane	9.268	129	192	0.284	ug/l #	11
64) Tetrachloroethene	9.275	164	193	0.382	ug/l	92
65) Chlorobenzene	10.079	112	436	0.284	ug/l #	43
67) Ethyl Benzene	10.195	91	785	0.285	ug/l	89
68) m/p-Xylenes	10.305	106	588	0.583	ug/l	80
73) Isopropylbenzene	10.963	105	805	0.293	ug/l	92
76) 1,2,3-Trichloropropane	11.079	75	19719	25.251	ug/l #	38
77) Bromobenzene	11.195	156	206	0.310	ug/l	81

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Instrument :
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ClientSampleId :
IBLK

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Quant Title : SW846 8260
QLast Update : Fri Mar 22 01:58:09 2024
Response via : Initial Calibration

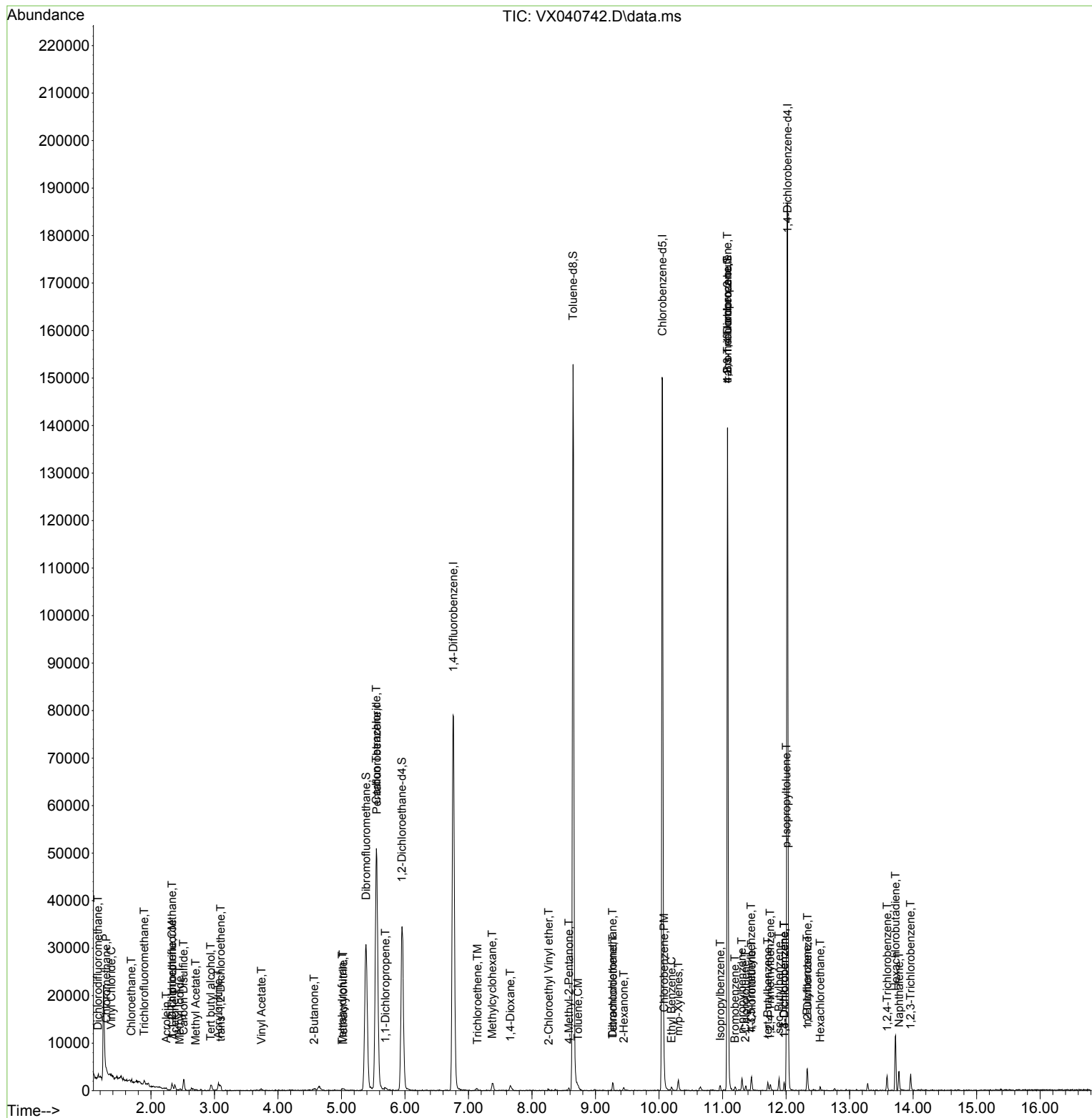
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
78) n-propylbenzene	11.305	91	1446	0.427	ug/l	96
79) 2-Chlorotoluene	11.360	91	634	0.325	ug/l	85
80) 1,3,5-Trimethylbenzene	11.451	105	829	0.360	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.079	75	19719	64.101	ug/l #	5
82) 4-Chlorotoluene	11.457	91	1110	0.453	ug/l	95
83) tert-Butylbenzene	11.713	119	831	0.360	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	837	0.361	ug/l	99
85) sec-Butylbenzene	11.890	105	1526	0.520	ug/l	96
86) p-Isopropyltoluene	12.006	119	1375	0.565	ug/l	84
87) 1,3-Dichlorobenzene	11.969	146	620	0.489	ug/l	91
88) 1,4-Dichlorobenzene	11.969	146	620	0.460	ug/l	92
89) n-Butylbenzene	12.329	91	2121	0.864	ug/l	94
90) Hexachloroethane	12.536	117	116	0.274	ug/l #	17
91) 1,2-Dichlorobenzene	12.341	146	471	0.378	ug/l	83
93) 1,2,4-Trichlorobenzene	13.591	180	854	0.964	ug/l	94
94) Hexachlorobutadiene	13.725	225	1663	4.761	ug/l	98
95) Naphthalene	13.780	128	3000	1.070	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	943	1.083	ug/l	93

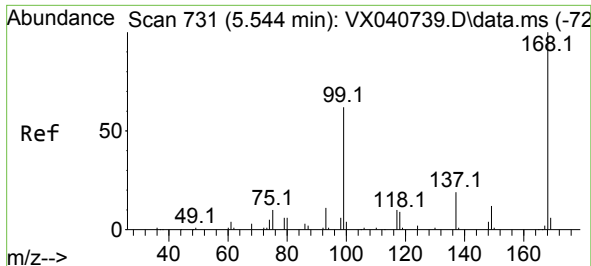
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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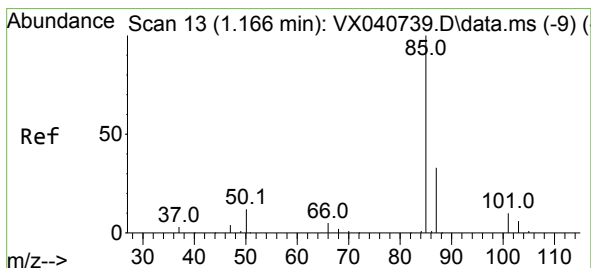
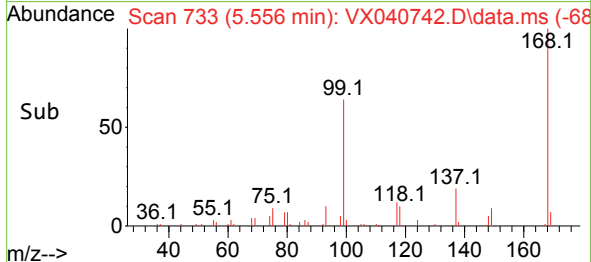
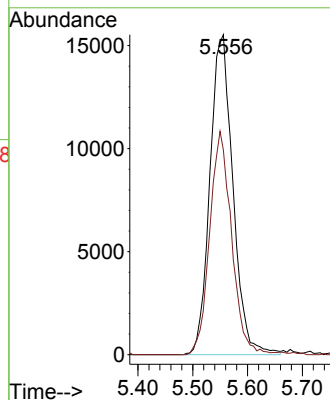
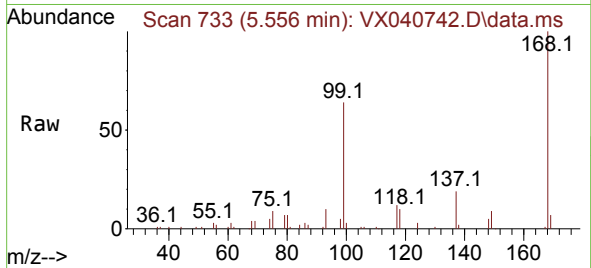




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.012 min
Lab File: VX040742.D
Acq: 21 Mar 2024 14:10

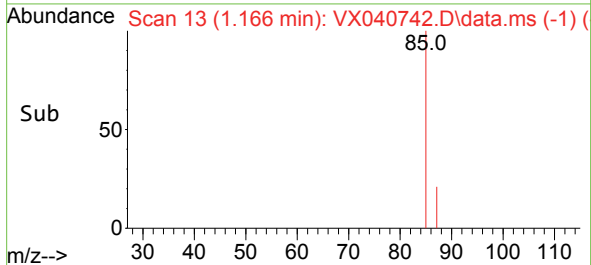
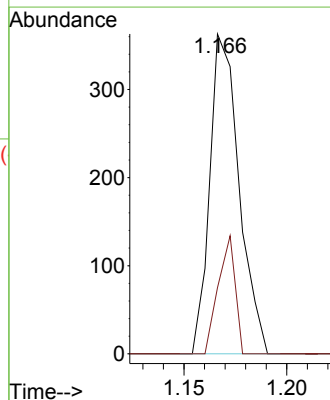
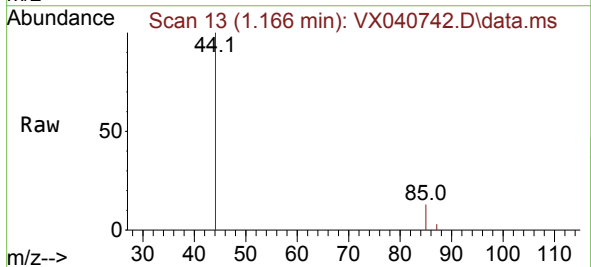
Instrument :
MSVOA_X
ClientSampleId :
IBLK

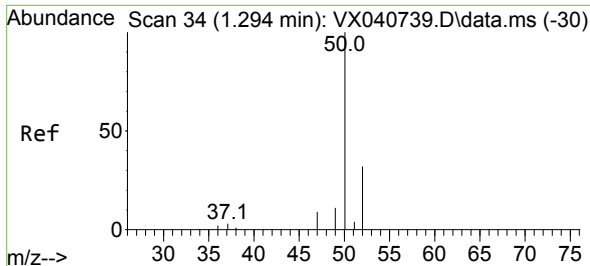
Tgt Ion:168 Resp: 45178
Ion Ratio Lower Upper
168 100
99 63.9 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 0.616 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX040742.D
Acq: 21 Mar 2024 14:10

Tgt Ion: 85 Resp: 360
Ion Ratio Lower Upper
85 100
87 20.7 16.7 50.1

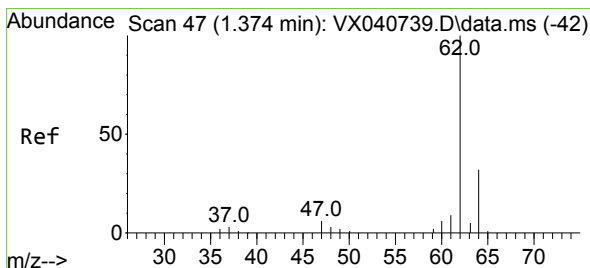
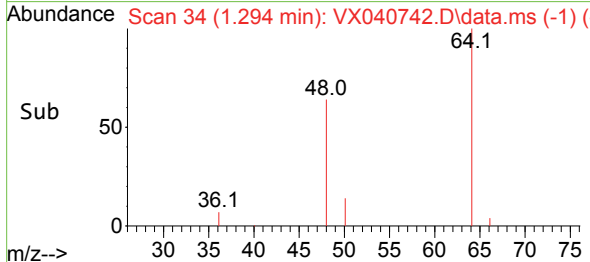
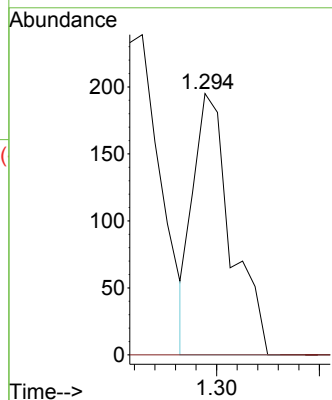
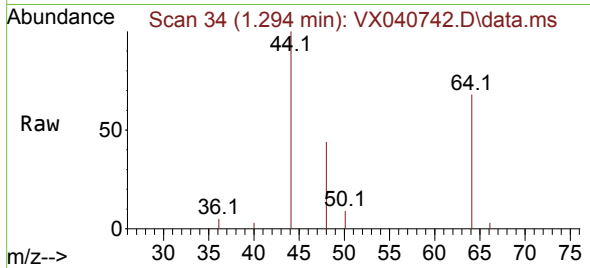




#3
Chloromethane
Concen: 0.418 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX040742.D
Acq: 21 Mar 2024 14:10

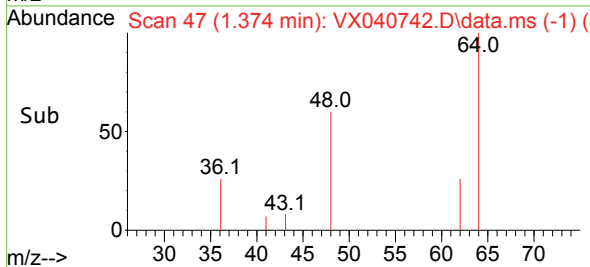
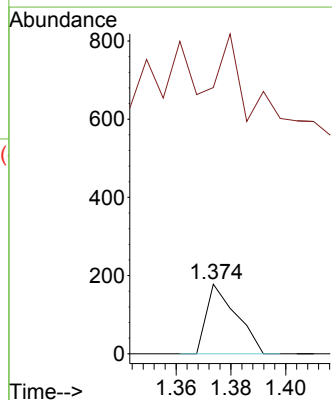
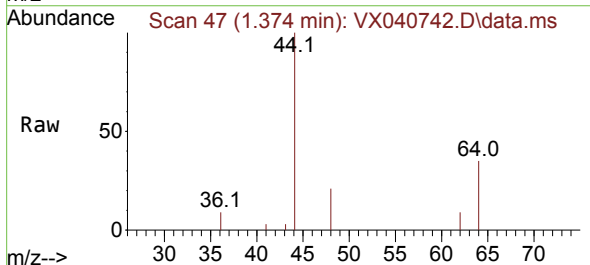
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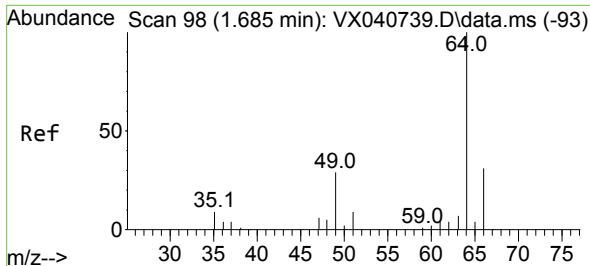
Tgt Ion: 50 Resp: 250
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#



#4
Vinyl Chloride
Concen: 0.237 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX040742.D
Acq: 21 Mar 2024 14:10

Tgt Ion: 62 Resp: 134
Ion Ratio Lower Upper
62 100
64 44.4 25.4 38.0#

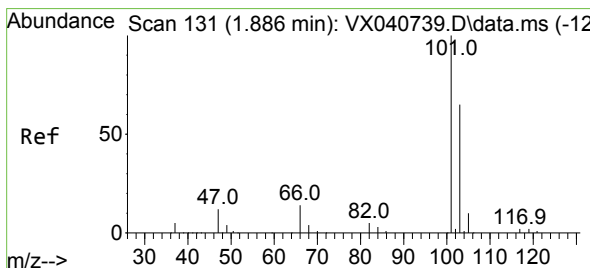
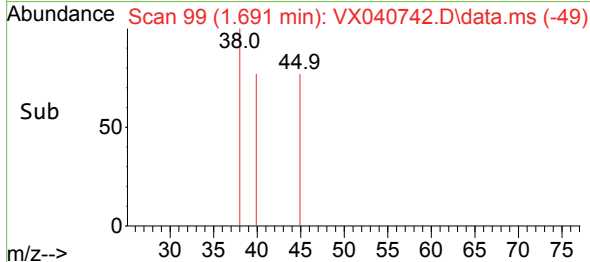
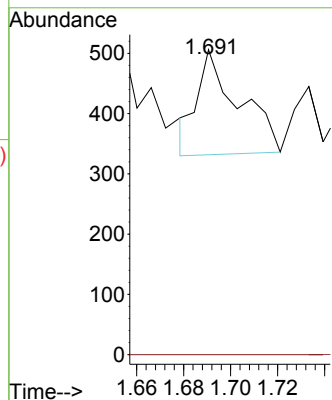
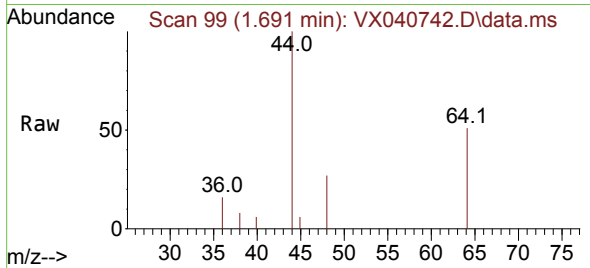




#6
Chloroethane
Concen: 0.535 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX040742.D
Acq: 21 Mar 2024 14:10

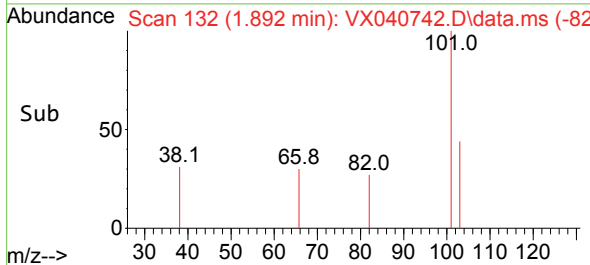
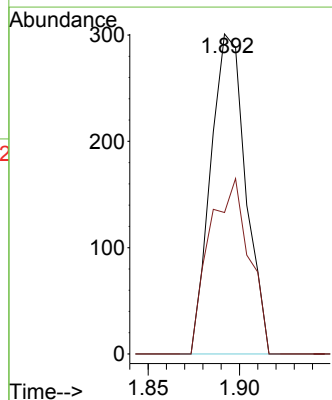
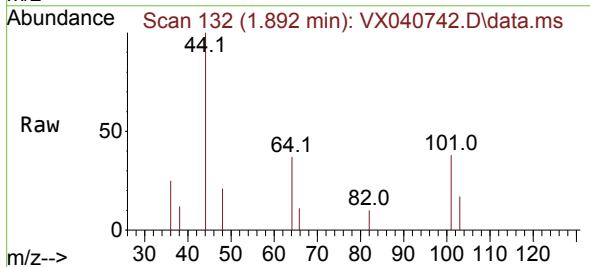
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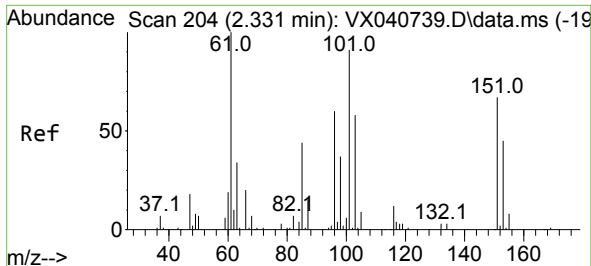
Tgt Ion: 64 Resp: 213
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#7
Trichlorofluoromethane
Concen: 0.405 ug/l
RT: 1.892 min Scan# 132
Delta R.T. 0.006 min
Lab File: VX040742.D
Acq: 21 Mar 2024 14:10

Tgt Ion:101 Resp: 401
Ion Ratio Lower Upper
101 100
103 44.2 51.4 77.2#

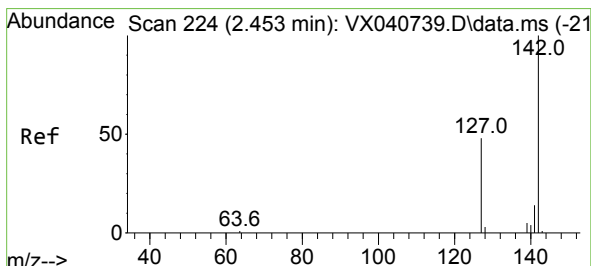
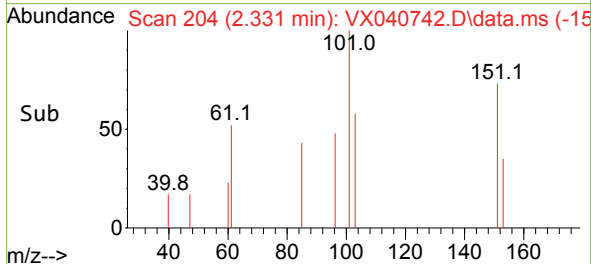
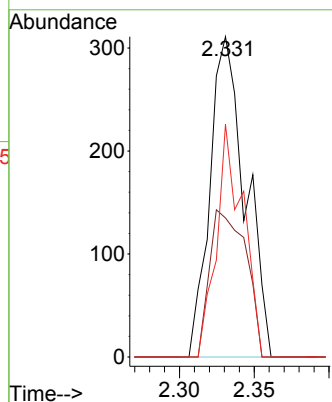
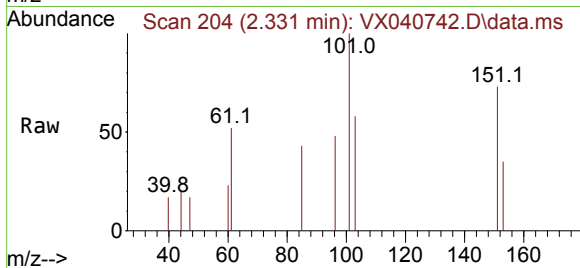




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.899 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX040742.D
Acq: 21 Mar 2024 14:10

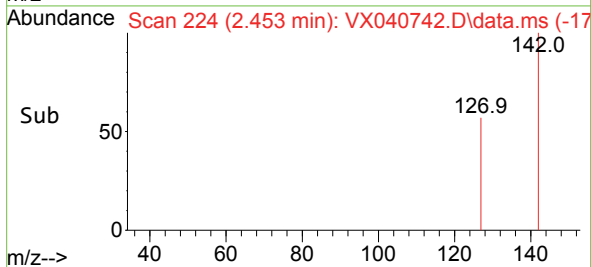
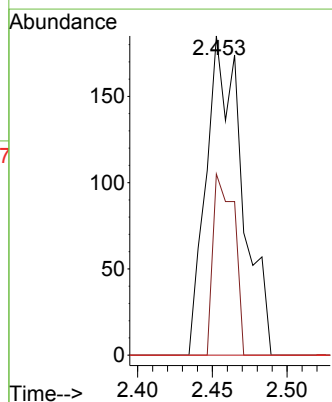
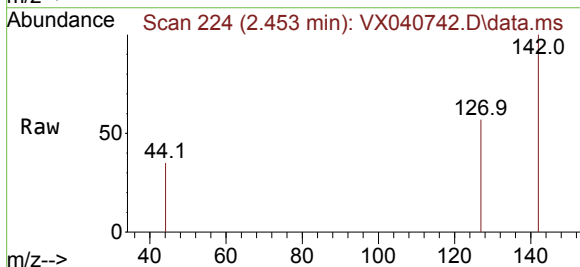
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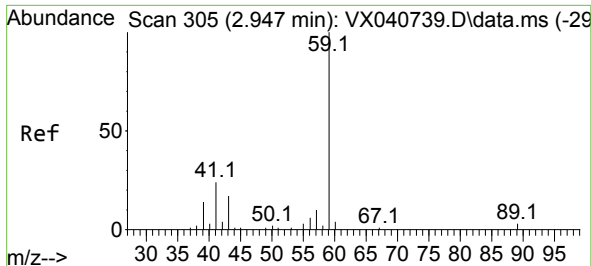
Tgt Ion:101 Resp: 512
Ion Ratio Lower Upper
101 100
85 46.9 37.0 55.6
151 54.3 58.6 87.8#



#10
Methyl Iodide
Concen: 0.410 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX040742.D
Acq: 21 Mar 2024 14:10

Tgt Ion:142 Resp: 309
Ion Ratio Lower Upper
142 100
127 33.3 41.6 62.4#
141 0.0 11.6 17.4#

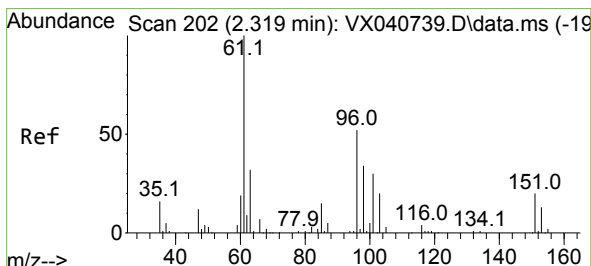
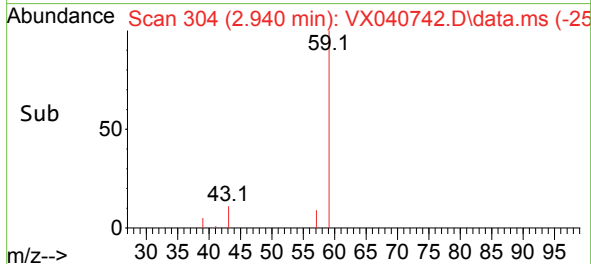
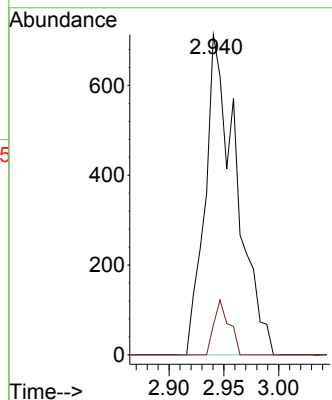
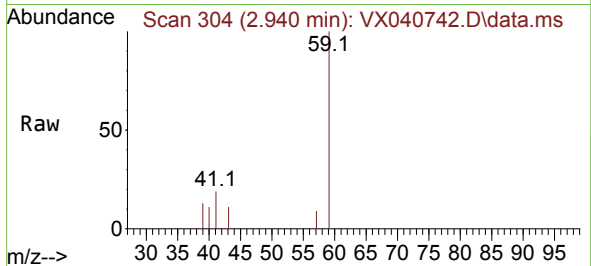




#11
Tert butyl alcohol
Concen: 11.632 ug/l
RT: 2.940 min Scan# 30
Delta R.T. -0.007 min
Lab File: VX040742.D
Acq: 21 Mar 2024 14:10

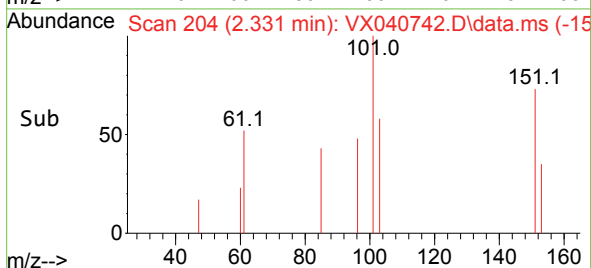
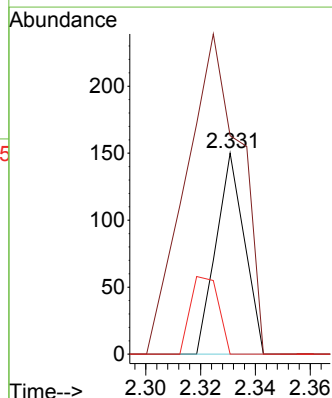
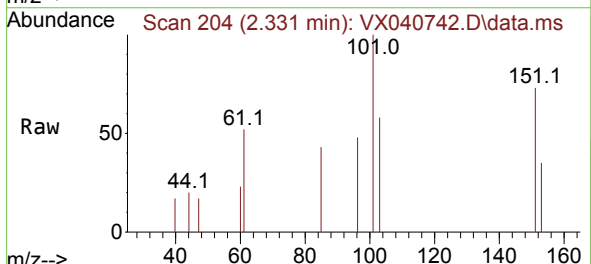
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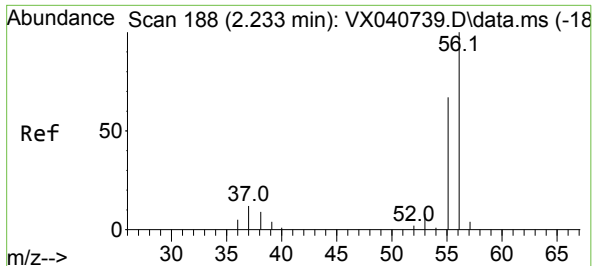
Tgt Ion: 59 Resp: 1415
Ion Ratio Lower Upper
59 100
57 8.3 6.0 9.0



#12
1,1-Dichloroethene
Concen: 0.202 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.012 min
Lab File: VX040742.D
Acq: 21 Mar 2024 14:10

Tgt Ion: 96 Resp: 108
Ion Ratio Lower Upper
96 100
61 108.7 144.6 216.8#
98 0.0 50.4 75.6#





#13

Acrolein

Concen: 2.806 ug/l

RT: 2.239 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX040742.D

Acq: 21 Mar 2024 14:10

Instrument :

MSVOA_X

ClientSampleId :

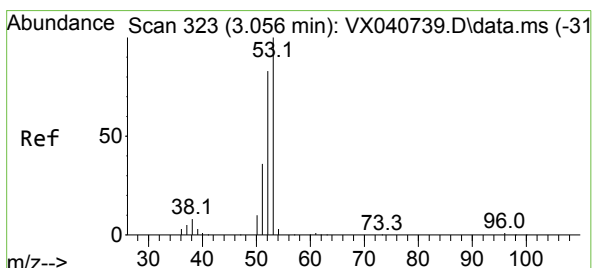
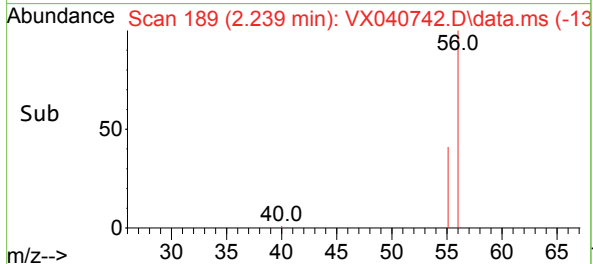
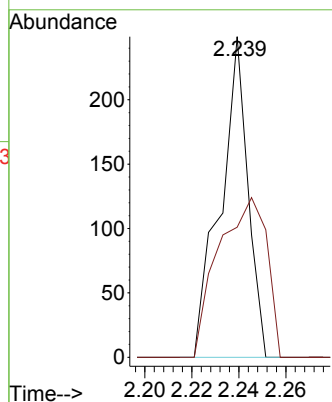
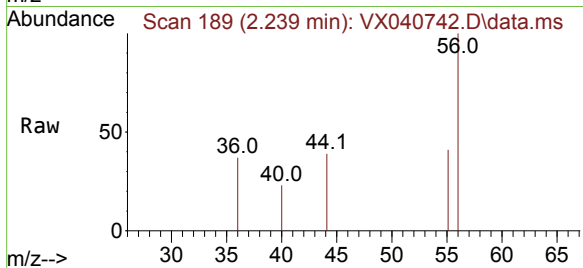
IBLK

Tgt Ion: 56 Resp: 202

Ion Ratio Lower Upper

56 100

55 87.6 57.1 85.7#



#15

Acrylonitrile

Concen: 3.240 ug/l

RT: 3.062 min Scan# 324

Delta R.T. 0.006 min

Lab File: VX040742.D

Acq: 21 Mar 2024 14:10

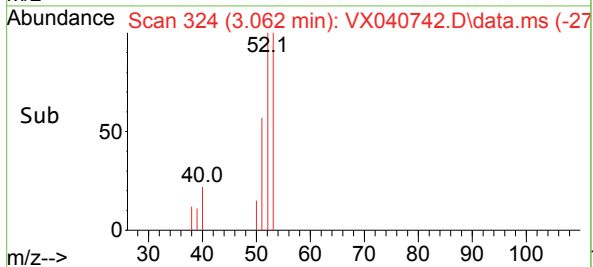
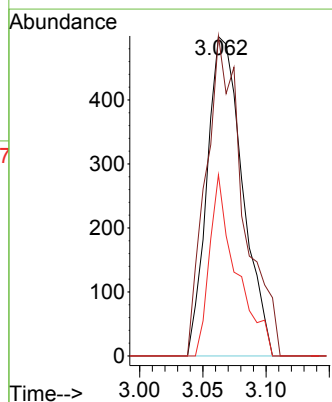
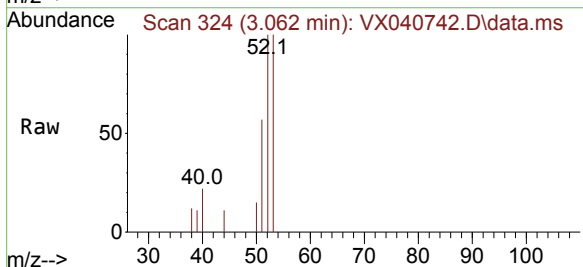
Tgt Ion: 53 Resp: 973

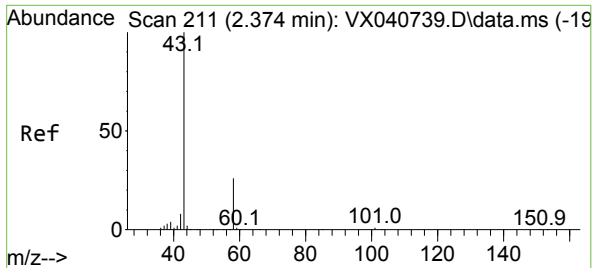
Ion Ratio Lower Upper

53 100

52 105.9 66.0 99.0#

51 43.0 29.8 44.6

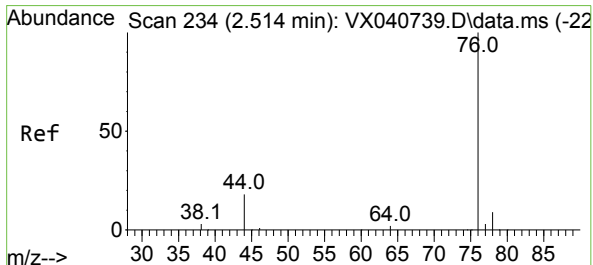
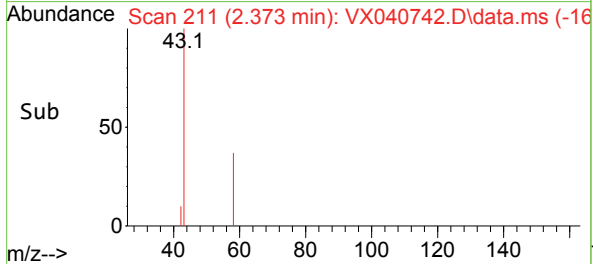
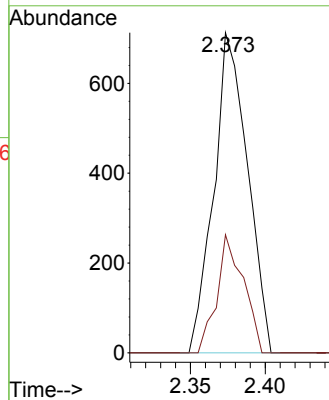
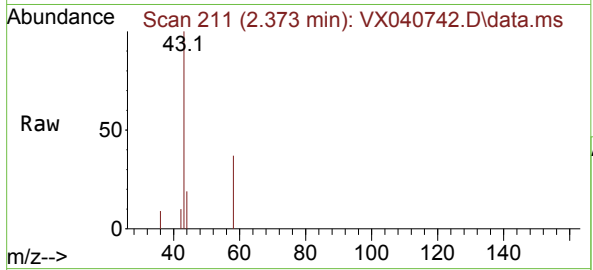




#16
Acetone
Concen: 4.148 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.001 min
Lab File: VX040742.D
Acq: 21 Mar 2024 14:10

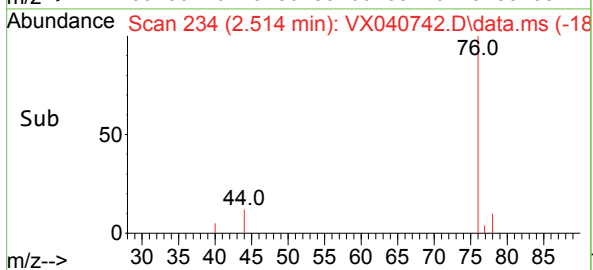
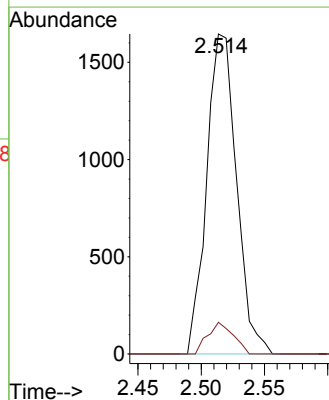
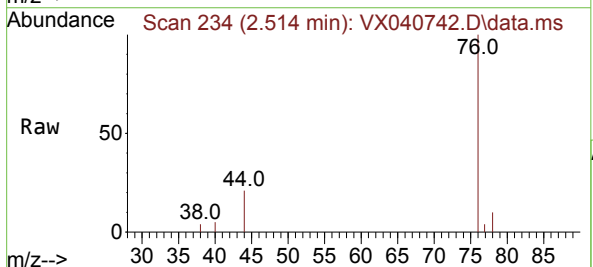
Instrument :
MSVOA_X
ClientSampleId :
IBLK

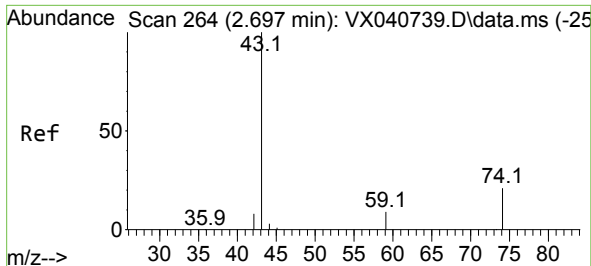
Tgt Ion: 43 Resp: 1116
Ion Ratio Lower Upper
43 100
58 36.9 21.9 32.9#



#17
Carbon Disulfide
Concen: 1.765 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX040742.D
Acq: 21 Mar 2024 14:10

Tgt Ion: 76 Resp: 2705
Ion Ratio Lower Upper
76 100
78 9.9 7.0 10.6





#18

Methyl Acetate

Concen: 0.276 ug/l

RT: 2.703 min Scan# 2

Delta R.T. 0.006 min

Lab File: VX040742.D

Acq: 21 Mar 2024 14:10

Instrument :

MSVOA_X

ClientSampleId :

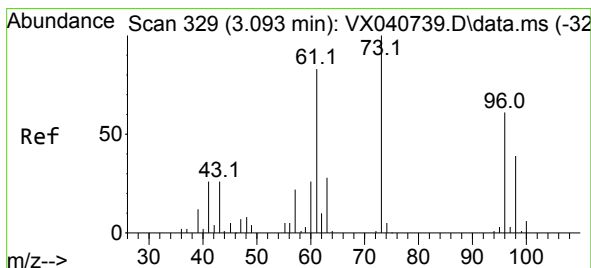
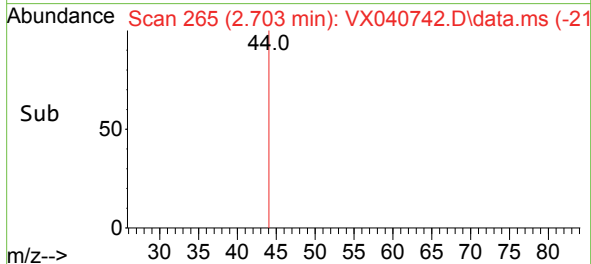
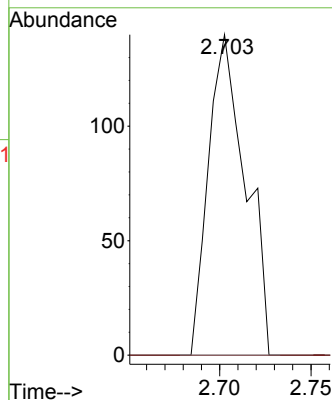
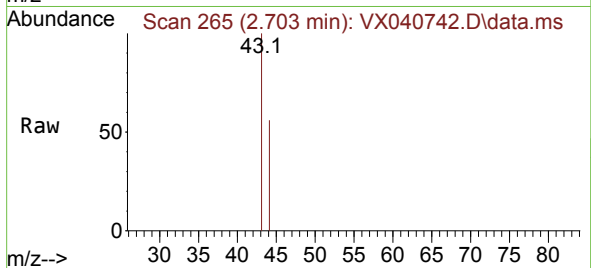
IBLK

Tgt Ion: 43 Resp: 199

Ion Ratio Lower Upper

43 100

74 0.0 17.8 26.8#



#21

trans-1,2-Dichloroethene

Concen: 0.465 ug/l

RT: 3.099 min Scan# 330

Delta R.T. 0.006 min

Lab File: VX040742.D

Acq: 21 Mar 2024 14:10

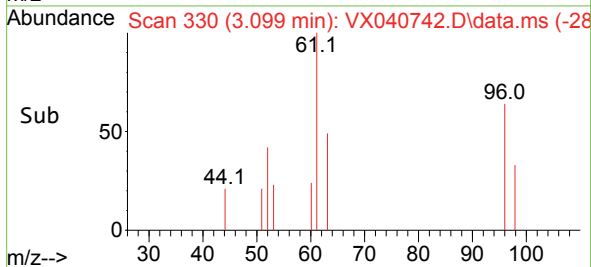
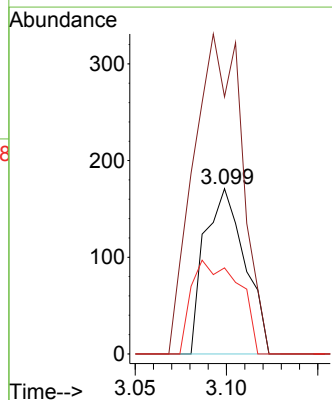
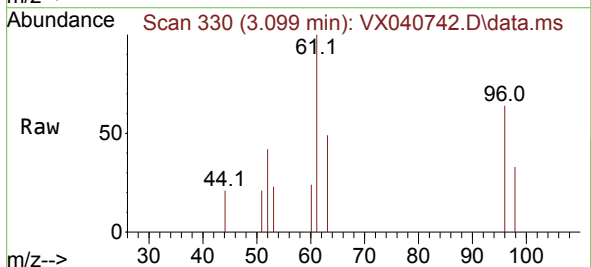
Tgt Ion: 96 Resp: 262

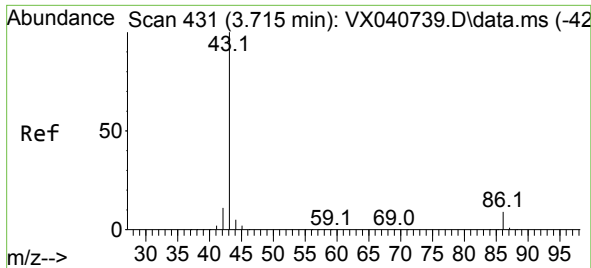
Ion Ratio Lower Upper

96 100

61 155.6 119.2 178.8

98 52.0 48.7 73.1

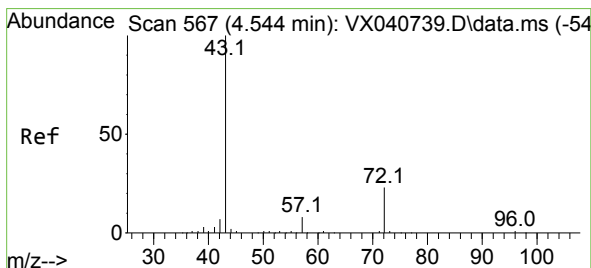
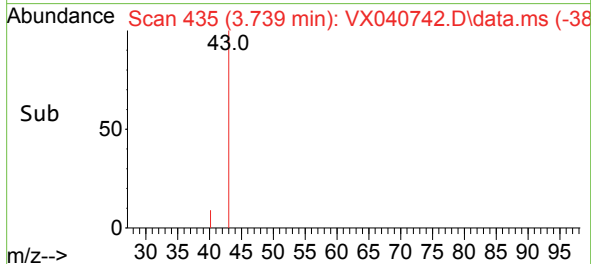
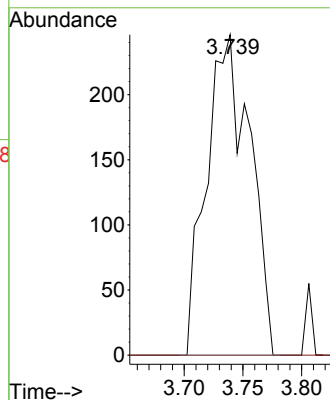
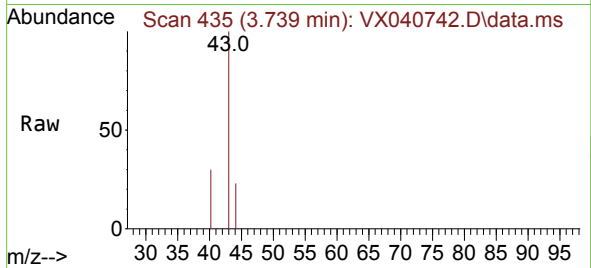




#23
 Vinyl Acetate
 Concen: 0.360 ug/l
 RT: 3.739 min Scan# 41
 Delta R.T. 0.024 min
 Lab File: VX040742.D
 Acq: 21 Mar 2024 14:10

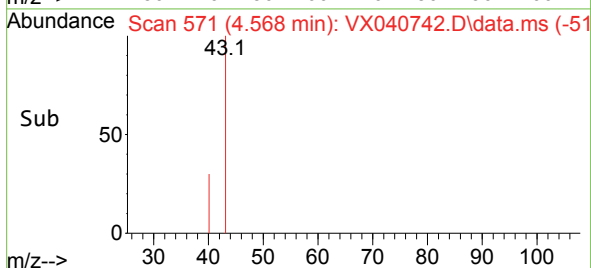
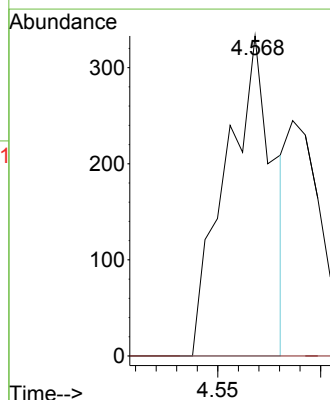
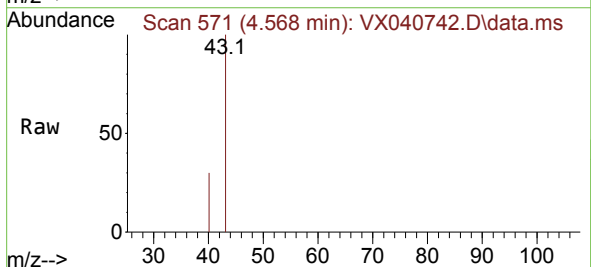
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

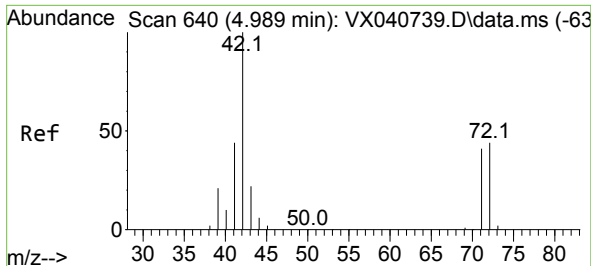
Tgt Ion: 43 Resp: 635
 Ion Ratio Lower Upper
 43 100
 86 0.0 7.8 11.8#



#25
 2-Butanone
 Concen: 1.265 ug/l
 RT: 4.568 min Scan# 571
 Delta R.T. 0.024 min
 Lab File: VX040742.D
 Acq: 21 Mar 2024 14:10

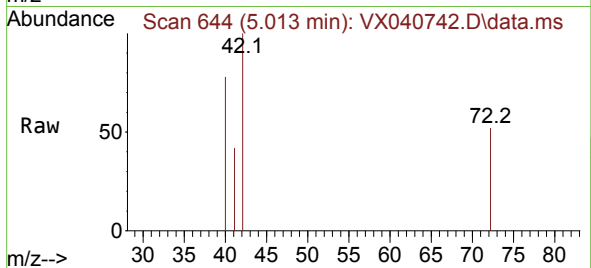
Tgt Ion: 43 Resp: 533
 Ion Ratio Lower Upper
 43 100
 72 0.0 19.4 29.2#



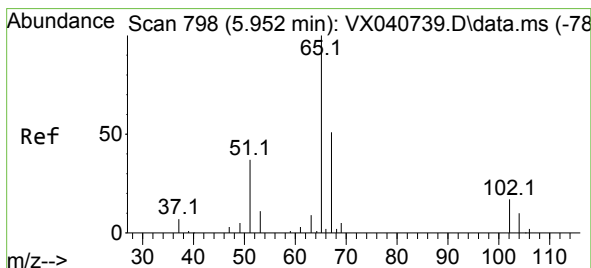
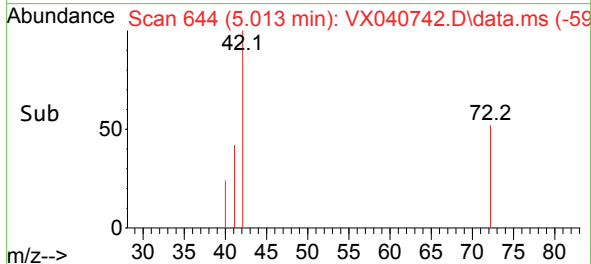
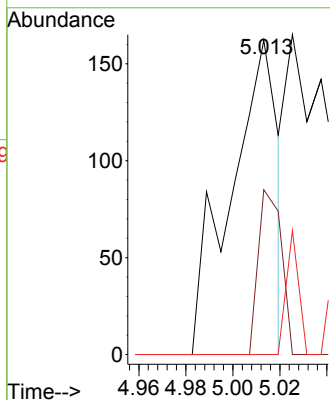


#29
Tetrahydrofuran
Concen: 0.817 ug/l
RT: 5.013 min Scan# 64
Delta R.T. 0.024 min
Lab File: VX040742.D
Acq: 21 Mar 2024 14:10

Instrument :
MSVOA_X
ClientSampleId :
IBLK

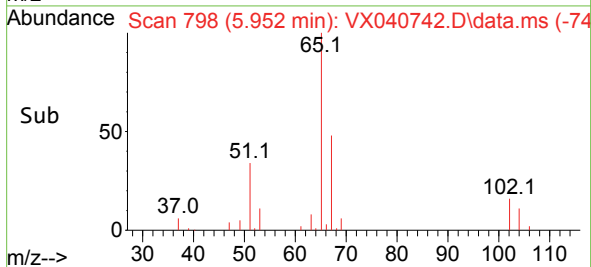
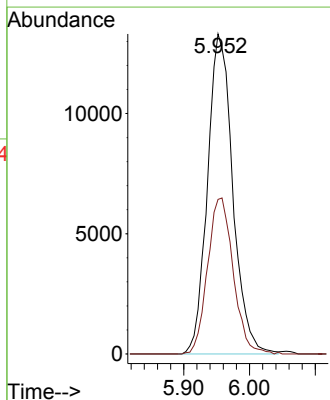
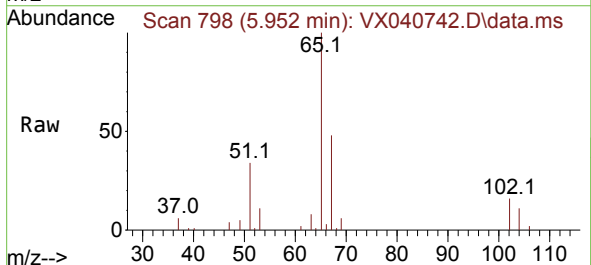


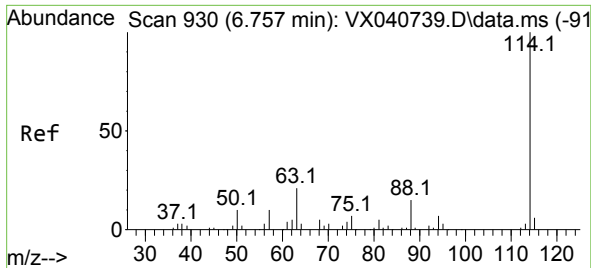
Tgt Ion: 42 Resp: 229
Ion Ratio Lower Upper
42 100
72 25.3 34.2 51.4#
71 10.0 32.2 48.2#



#33
1,2-Dichloroethane-d4
Concen: 46.888 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX040742.D
Acq: 21 Mar 2024 14:10

Tgt Ion: 65 Resp: 35618
Ion Ratio Lower Upper
65 100
67 49.4 0.0 100.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.006 min

Lab File: VX040742.D

Acq: 21 Mar 2024 14:10

Instrument :

MSVOA_X

ClientSampleId :

IBLK

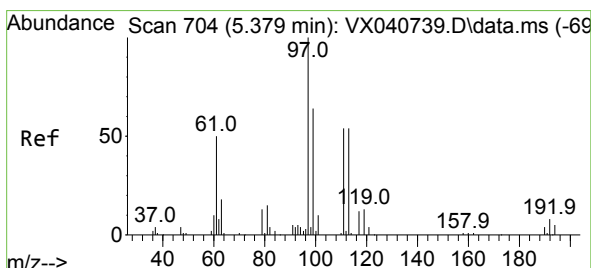
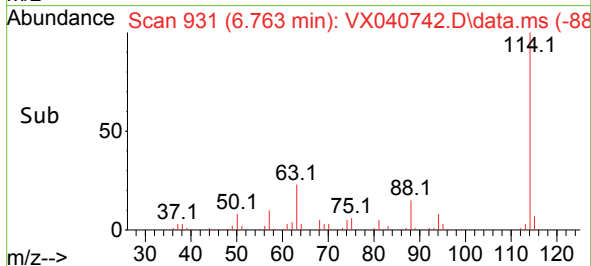
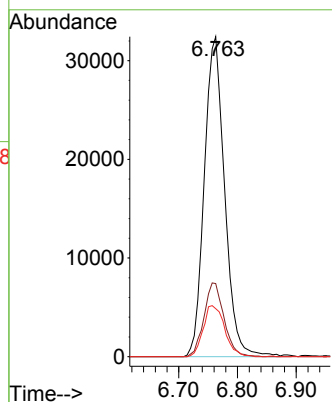
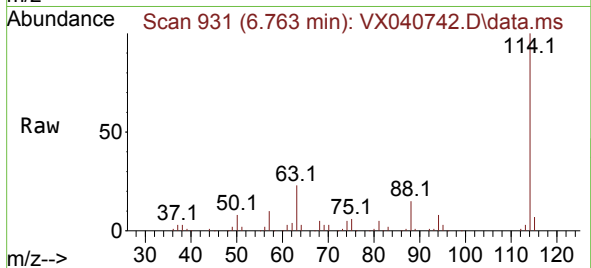
Tgt Ion:114 Resp: 77881

Ion Ratio Lower Upper

114 100

63 22.8 0.0 45.0

88 15.0 0.0 36.6



#35

Dibromofluoromethane

Concen: 44.621 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX040742.D

Acq: 21 Mar 2024 14:10

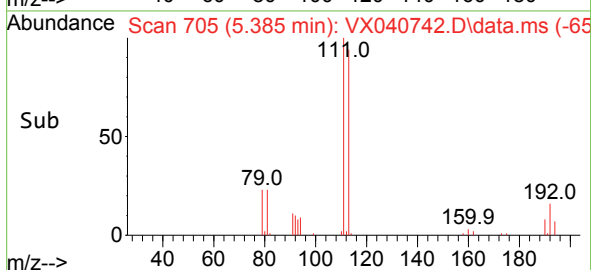
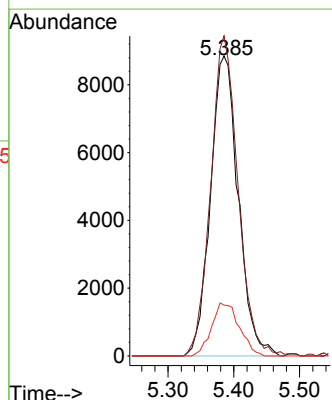
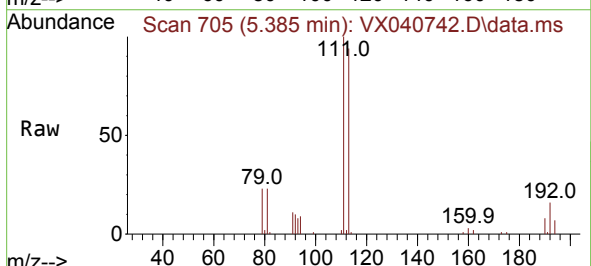
Tgt Ion:113 Resp: 26003

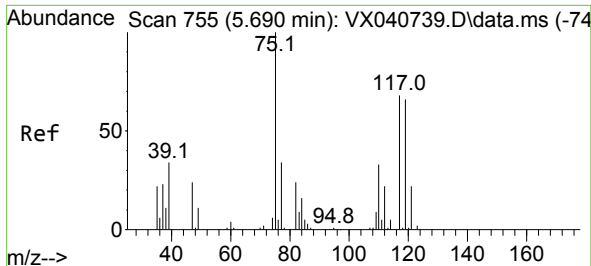
Ion Ratio Lower Upper

113 100

111 105.0 82.9 124.3

192 17.6 13.3 19.9

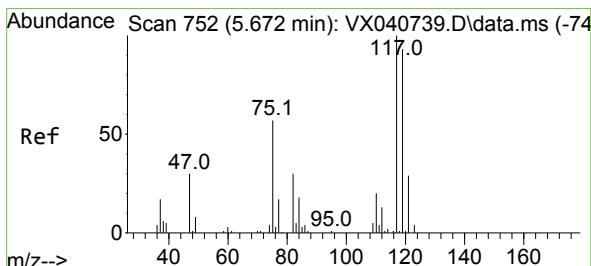
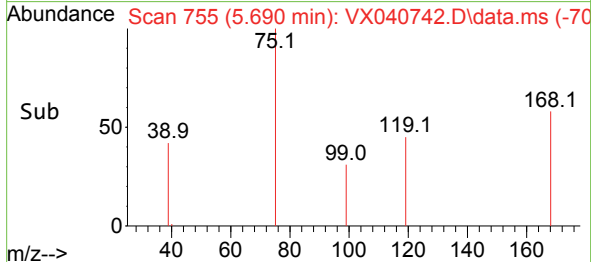
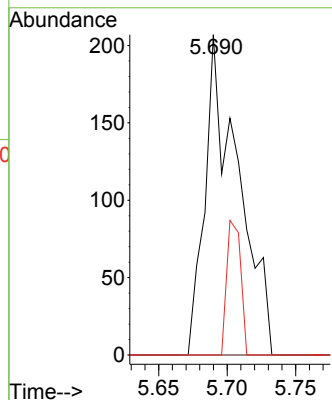
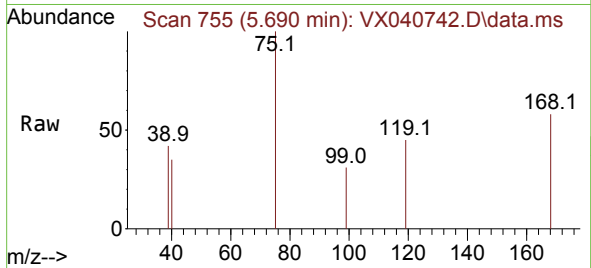




#36
1,1-Dichloropropene
Concen: 0.406 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX040742.D
Acq: 21 Mar 2024 14:10

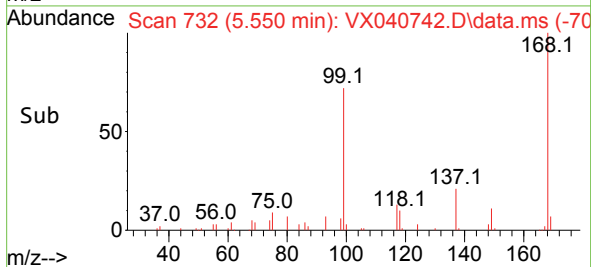
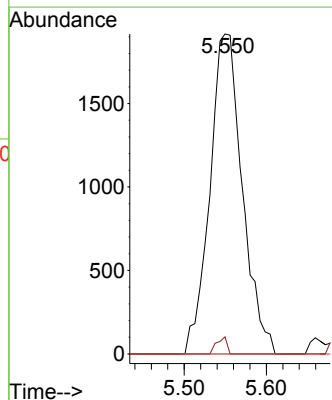
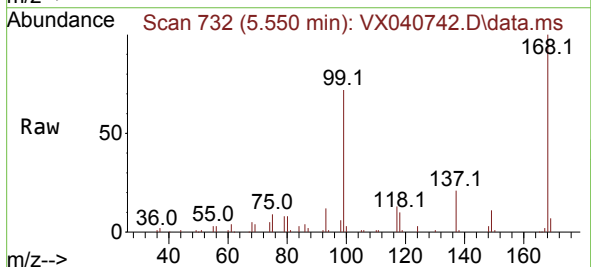
Instrument :
MSVOA_X
ClientSampleId :
IBLK

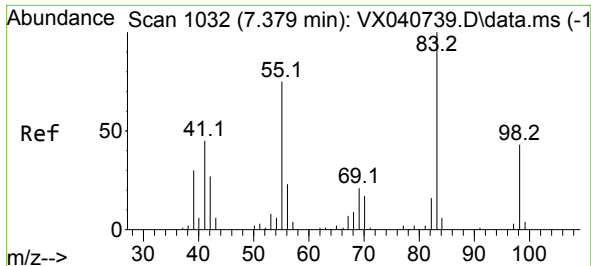
Tgt Ion: 75 Resp: 348
Ion Ratio Lower Upper
75 100
110 0.0 17.0 50.9#
77 17.5 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.439 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX040742.D
Acq: 21 Mar 2024 14:10

Tgt Ion: 117 Resp: 5253
Ion Ratio Lower Upper
117 100
119 5.3 78.2 117.2#
121 0.0 24.4 36.6#





#39

Methylcyclohexane

Concen: 0.865 ug/l

RT: 7.372 min Scan# 1031

Delta R.T. -0.006 min

Lab File: VX040742.D

Acq: 21 Mar 2024 14:10

Instrument :

MSVOA_X

ClientSampleId :

IBLK

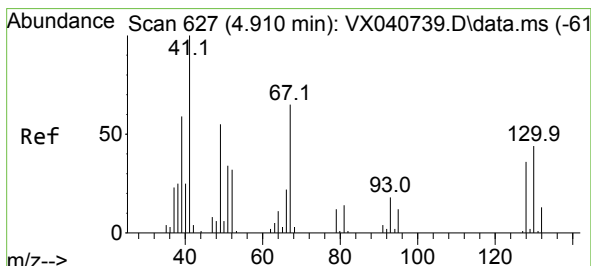
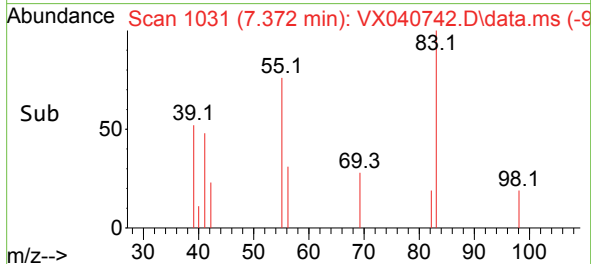
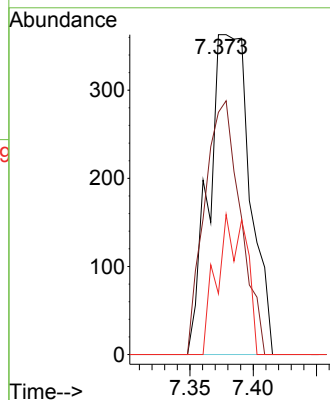
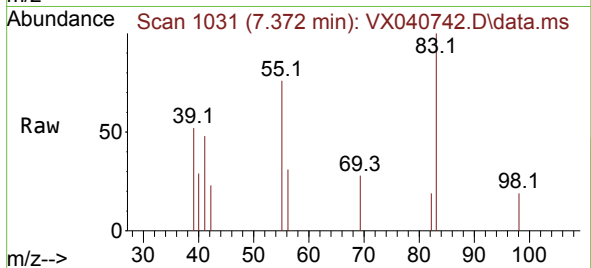
Tgt Ion: 83 Resp: 822

Ion Ratio Lower Upper

83 100

55 75.8 64.6 97.0

98 19.0 36.7 55.1#



#41

Methacrylonitrile

Concen: 0.356 ug/l

RT: 5.025 min Scan# 646

Delta R.T. 0.116 min

Lab File: VX040742.D

Acq: 21 Mar 2024 14:10

Tgt Ion: 41 Resp: 178

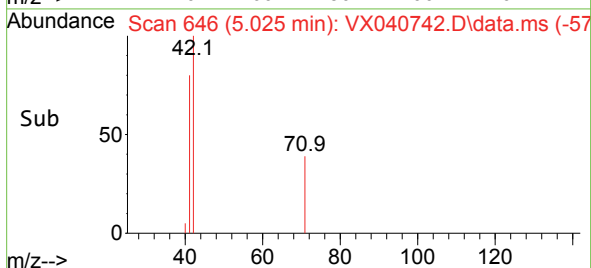
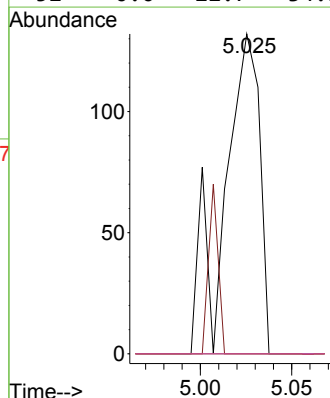
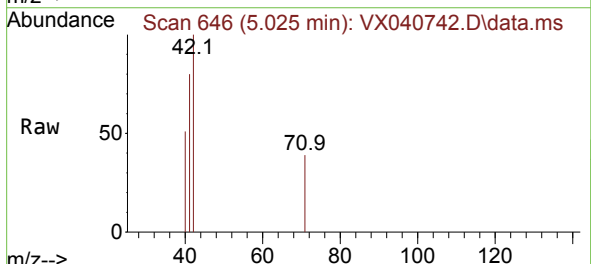
Ion Ratio Lower Upper

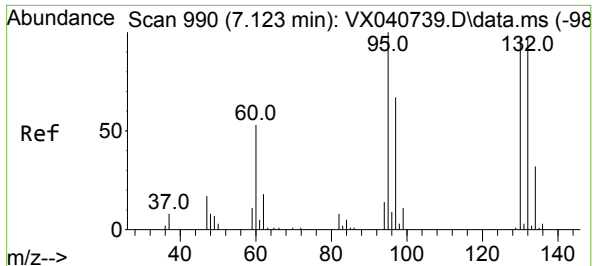
41 100

39 14.6 45.2 67.8#

67 0.0 52.6 78.8#

52 0.0 22.7 34.1#

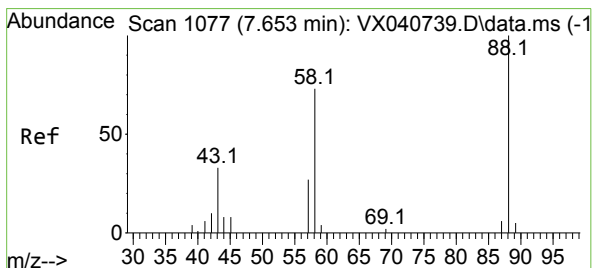
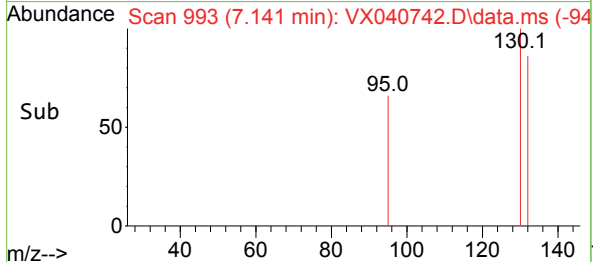
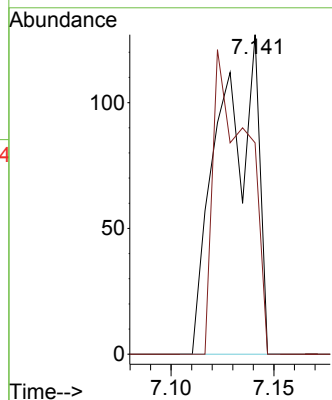
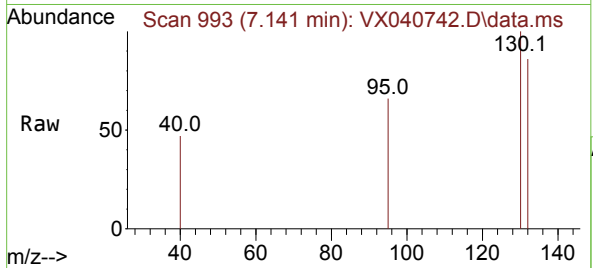




#44
Trichloroethene
Concen: 0.289 ug/l
RT: 7.141 min Scan# 990
Delta R.T. 0.018 min
Lab File: VX040742.D
Acq: 21 Mar 2024 14:10

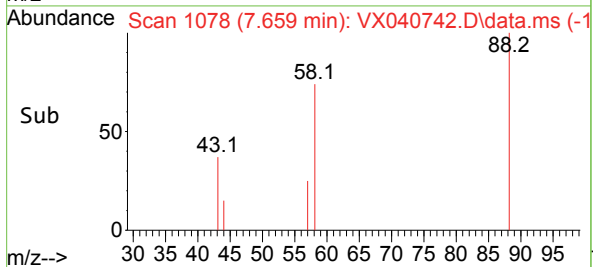
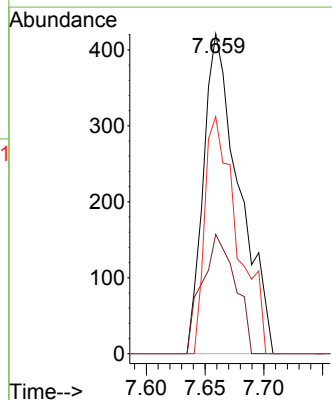
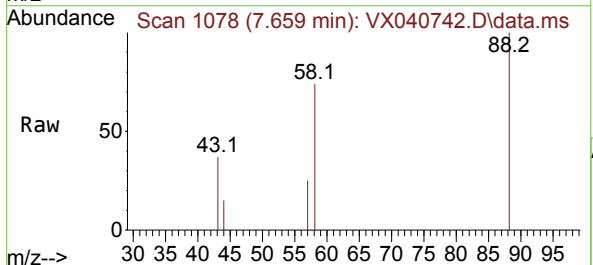
Instrument :
MSVOA_X
ClientSampleId :
IBLK

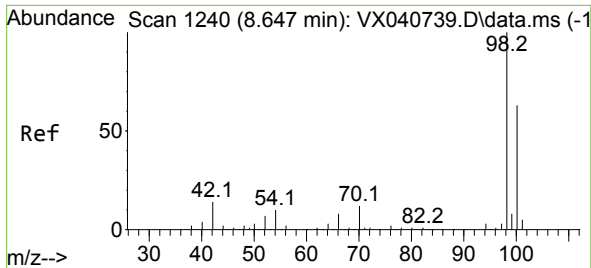
Tgt Ion:130 Resp: 164
Ion Ratio Lower Upper
130 100
95 66.1 0.0 204.4



#49
1,4-Dioxane
Concen: 75.242 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.006 min
Lab File: VX040742.D
Acq: 21 Mar 2024 14:10

Tgt Ion: 88 Resp: 888
Ion Ratio Lower Upper
88 100
43 34.8 0.0 0.0#
58 67.8 60.1 90.1

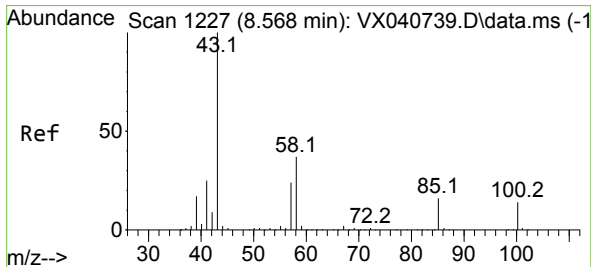
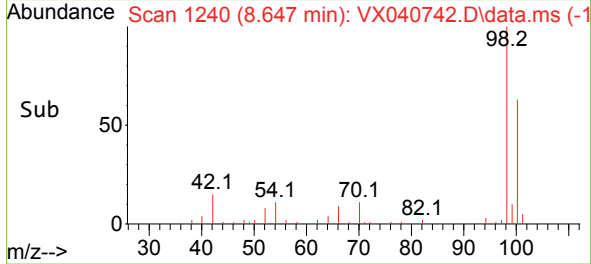
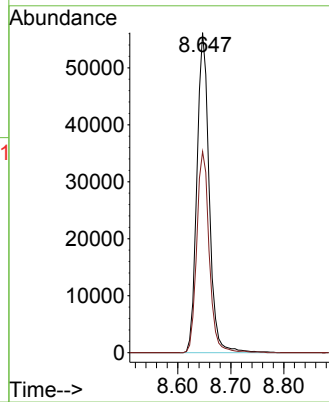
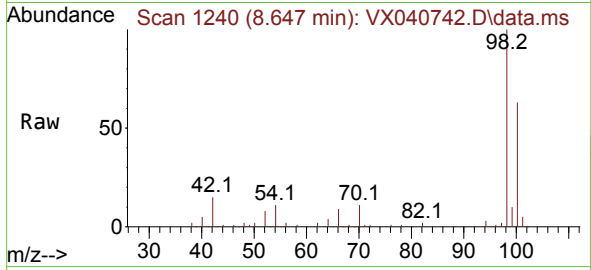




#50
Toluene-d8
Concen: 45.182 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040742.D
Acq: 21 Mar 2024 14:10

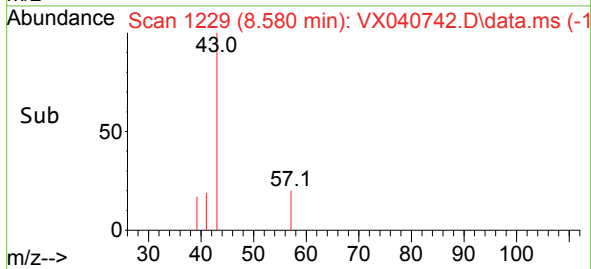
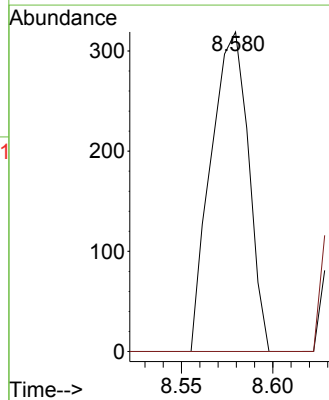
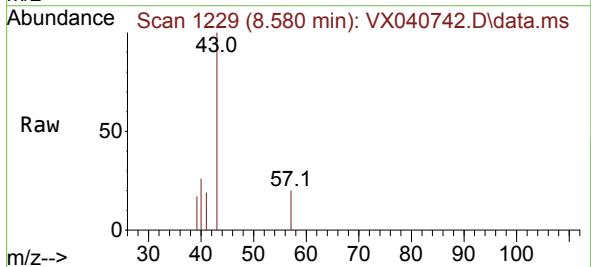
Instrument :
MSVOA_X
ClientSampleId :
IBLK

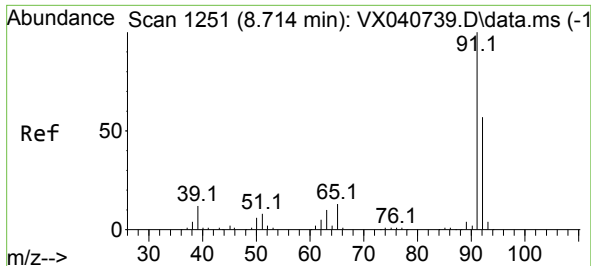
Tgt Ion: 98 Resp: 90156
Ion Ratio Lower Upper
98 100
100 64.1 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.481 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.012 min
Lab File: VX040742.D
Acq: 21 Mar 2024 14:10

Tgt Ion: 43 Resp: 456
Ion Ratio Lower Upper
43 100
58 0.0 30.4 45.6#

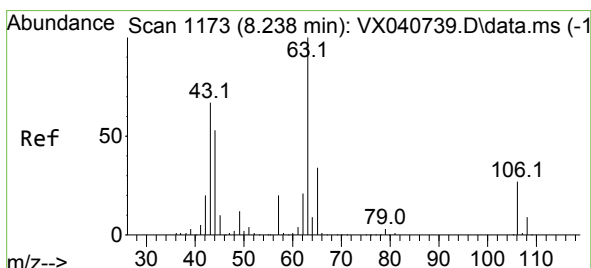
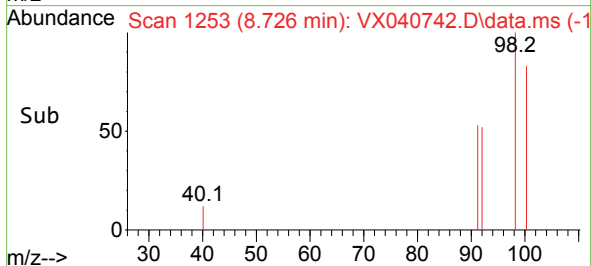
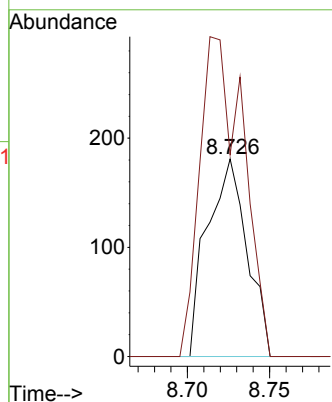
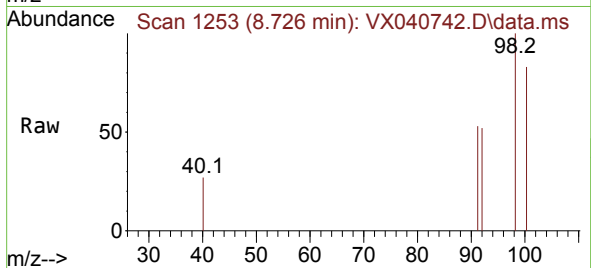




#52
Toluene
Concen: 0.216 ug/l
RT: 8.726 min Scan# 1177
Delta R.T. 0.012 min
Lab File: VX040742.D
Acq: 21 Mar 2024 14:10

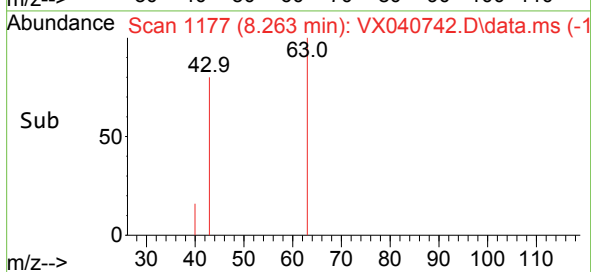
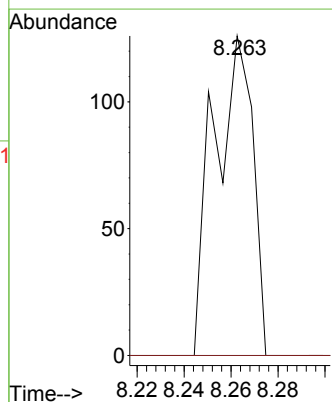
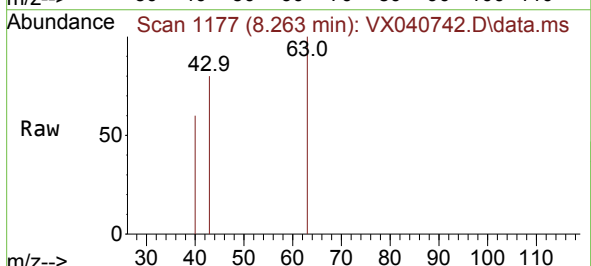
Instrument :
MSVOA_X
ClientSampleId :
IBLK

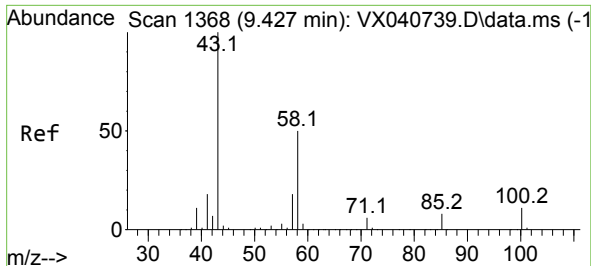
Tgt Ion: 92 Resp: 305
Ion Ratio Lower Upper
92 100
91 176.4 134.2 201.2



#58
2-Chloroethyl Vinyl ether
Concen: 0.287 ug/l
RT: 8.263 min Scan# 1177
Delta R.T. 0.024 min
Lab File: VX040742.D
Acq: 21 Mar 2024 14:10

Tgt Ion: 63 Resp: 145
Ion Ratio Lower Upper
63 100
106 0.0 22.5 33.7#

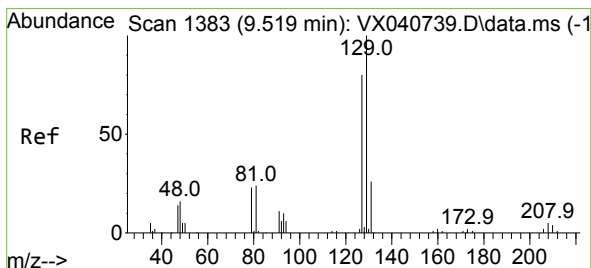
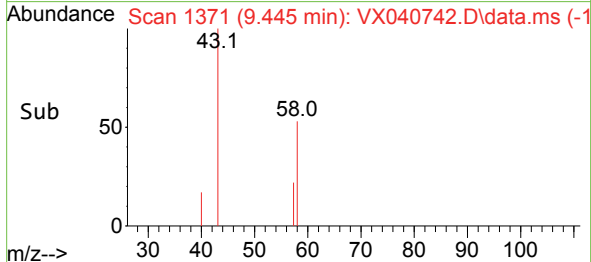
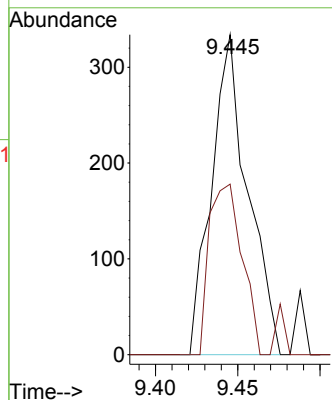
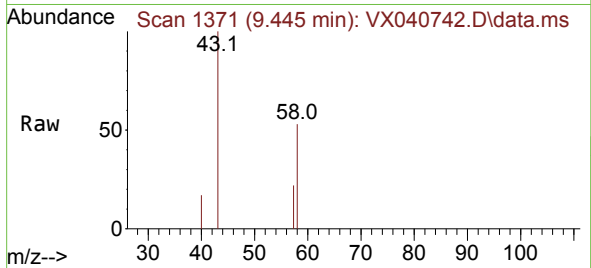




#59
2-Hexanone
Concen: 0.698 ug/l
RT: 9.445 min Scan# 11
Delta R.T. 0.018 min
Lab File: VX040742.D
Acq: 21 Mar 2024 14:10

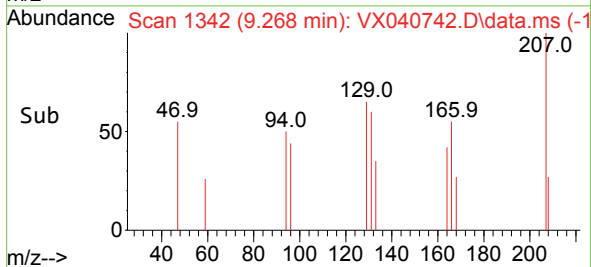
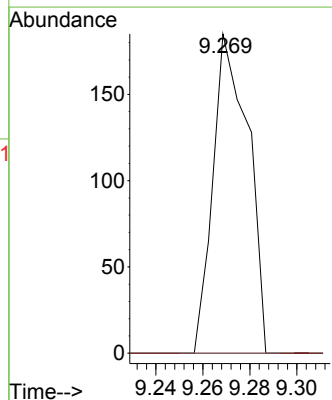
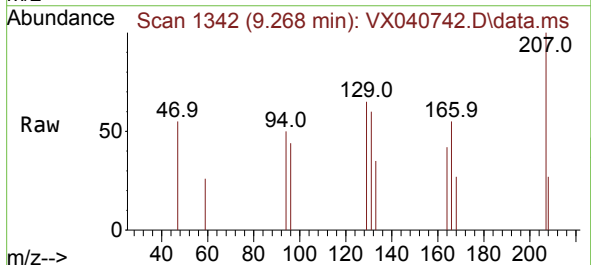
Instrument :
MSVOA_X
ClientSampleId :
IBLK

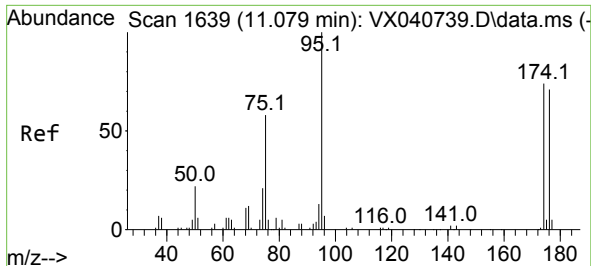
Tgt Ion: 43 Resp: 513
Ion Ratio Lower Upper
43 100
58 48.3 26.2 78.5



#60
Dibromochloromethane
Concen: 0.284 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.250 min
Lab File: VX040742.D
Acq: 21 Mar 2024 14:10

Tgt Ion: 129 Resp: 192
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

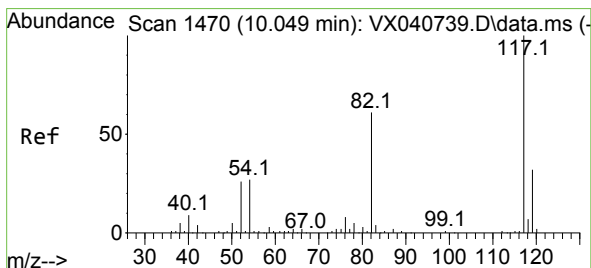
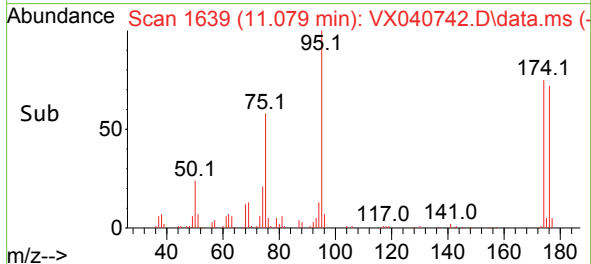
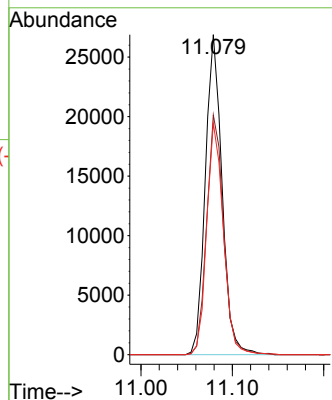
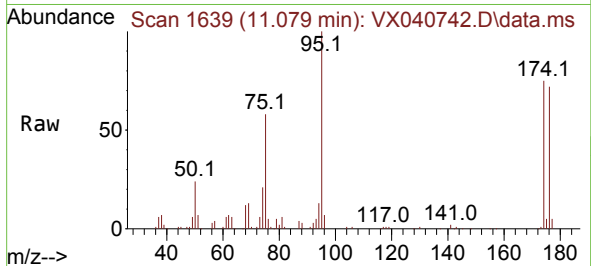




#62
4-Bromofluorobenzene
Concen: 43.212 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX040742.D
Acq: 21 Mar 2024 14:10

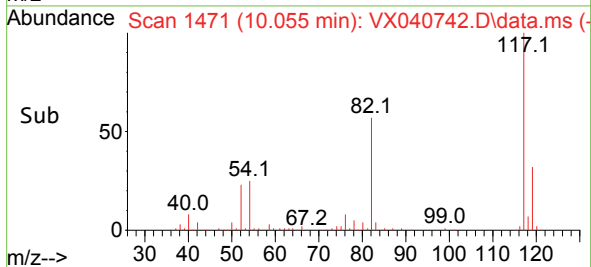
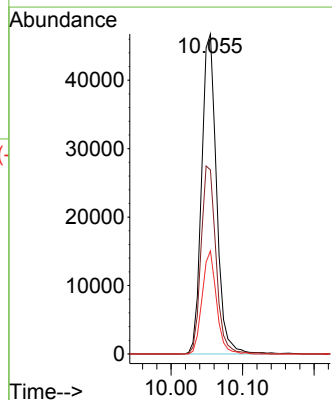
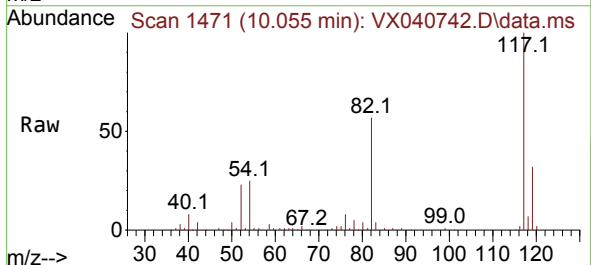
Instrument :
MSVOA_X
ClientSampleId :
IBLK

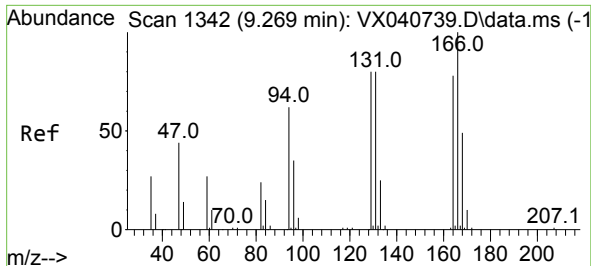
Tgt Ion: 95 Resp: 34066
Ion Ratio Lower Upper
95 100
174 75.5 0.0 135.6
176 72.2 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX040742.D
Acq: 21 Mar 2024 14:10

Tgt Ion: 117 Resp: 67793
Ion Ratio Lower Upper
117 100
82 57.5 46.2 69.4
119 32.2 25.5 38.3

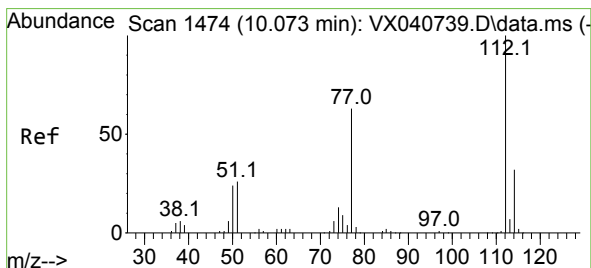
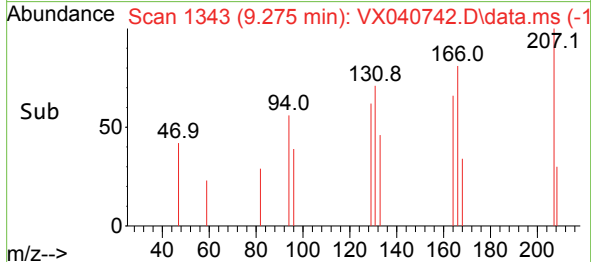
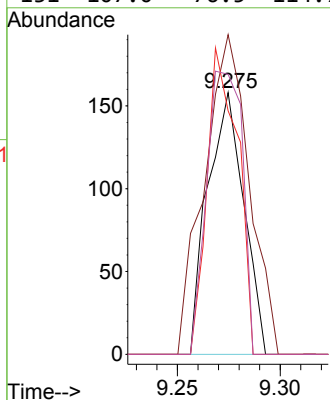
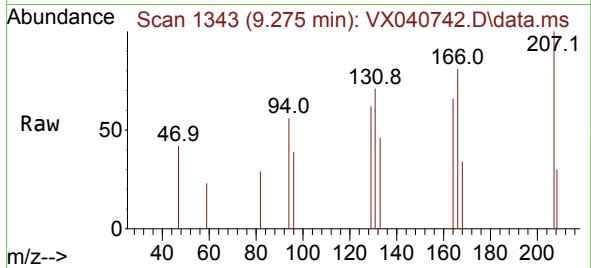




#64
Tetrachloroethene
Concen: 0.382 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX040742.D
Acq: 21 Mar 2024 14:10

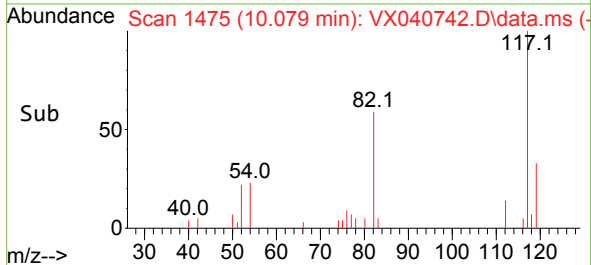
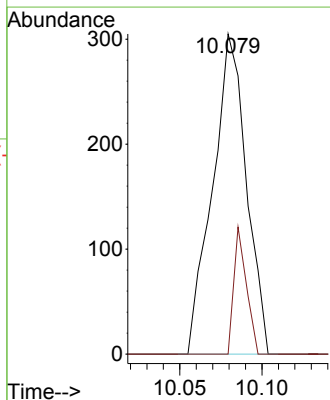
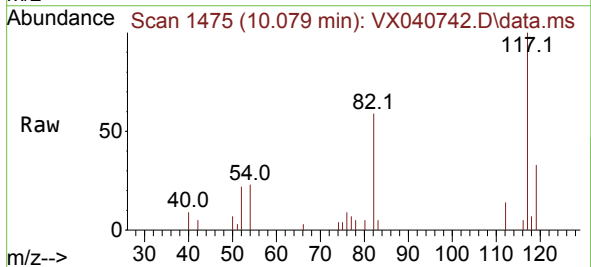
Instrument :
MSVOA_X
ClientSampleId :
IBLK

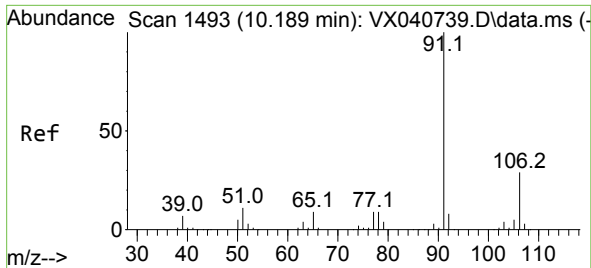
Tgt Ion:164 Resp: 193
Ion Ratio Lower Upper
164 100
166 122.2 102.7 154.1
129 93.0 80.4 120.6
131 107.0 76.5 114.7



#65
Chlorobenzene
Concen: 0.284 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VX040742.D
Acq: 21 Mar 2024 14:10

Tgt Ion:112 Resp: 436
Ion Ratio Lower Upper
112 100
114 0.0 25.7 38.5#





#67

Ethyl Benzene

Concen: 0.285 ug/l

RT: 10.195 min Scan# 1493

Delta R.T. 0.006 min

Lab File: VX040742.D

Acq: 21 Mar 2024 14:10

Instrument :

MSVOA_X

ClientSampleId :

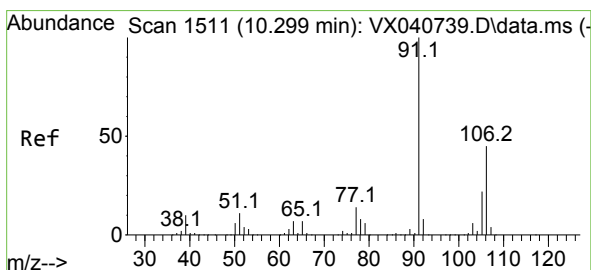
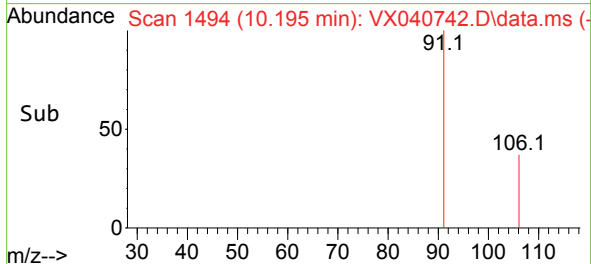
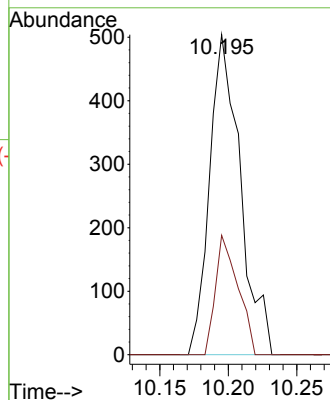
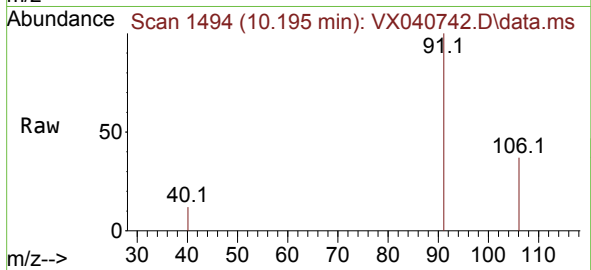
IBLK

Tgt Ion: 91 Resp: 785

Ion Ratio Lower Upper

91 100

106 37.3 24.9 37.3



#68

m/p-Xylenes

Concen: 0.583 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX040742.D

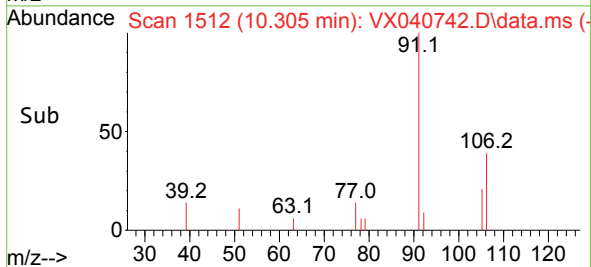
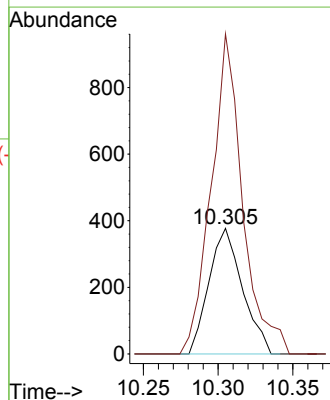
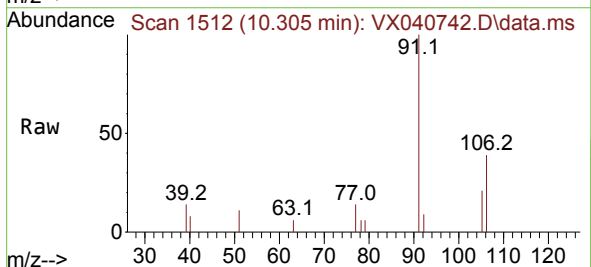
Acq: 21 Mar 2024 14:10

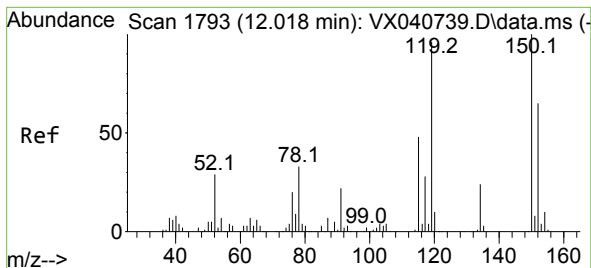
Tgt Ion: 106 Resp: 588

Ion Ratio Lower Upper

106 100

91 238.6 165.5 248.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX040742.D

Acq: 21 Mar 2024 14:10

Instrument :

MSVOA_X

ClientSampleId :

IBLK

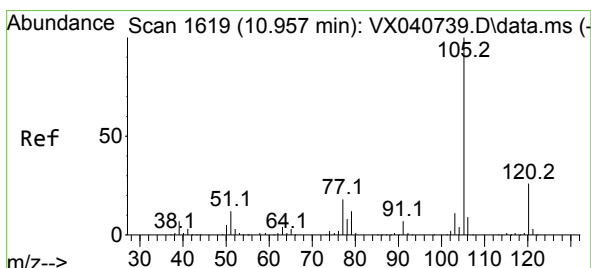
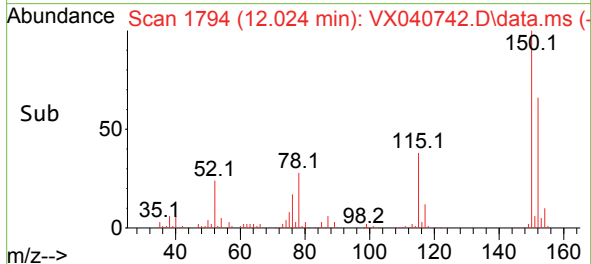
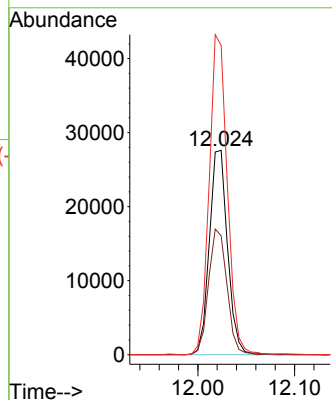
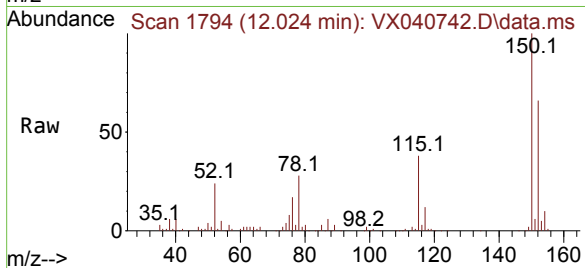
Tgt Ion:152 Resp: 36184

Ion Ratio Lower Upper

152 100

115 62.1 43.3 129.9

150 155.9 0.0 345.0



#73

Isopropylbenzene

Concen: 0.293 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.006 min

Lab File: VX040742.D

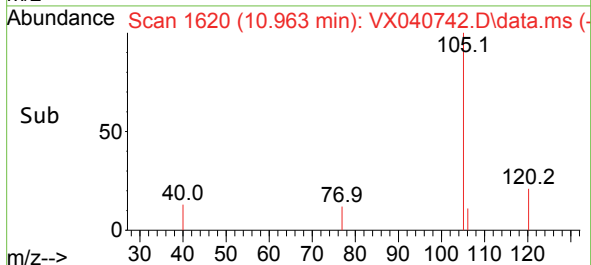
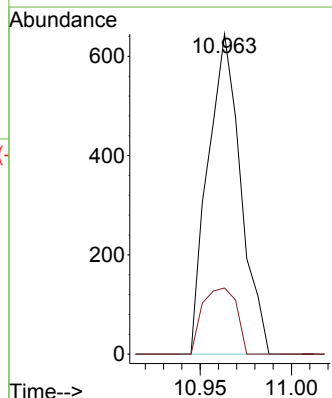
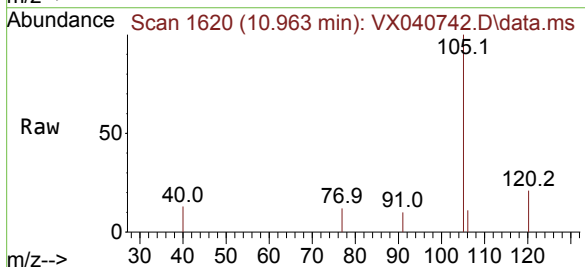
Acq: 21 Mar 2024 14:10

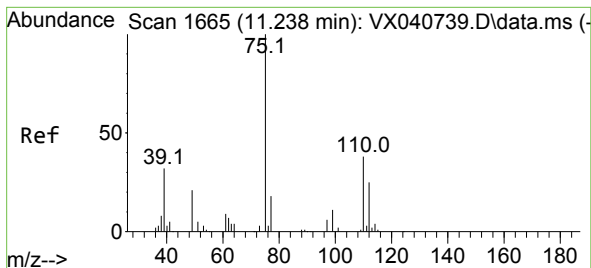
Tgt Ion:105 Resp: 805

Ion Ratio Lower Upper

105 100

120 21.5 12.9 38.6





#76

1,2,3-Trichloropropane

Concen: 25.251 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX040742.D

Acq: 21 Mar 2024 14:10

Instrument :

MSVOA_X

ClientSampleId :

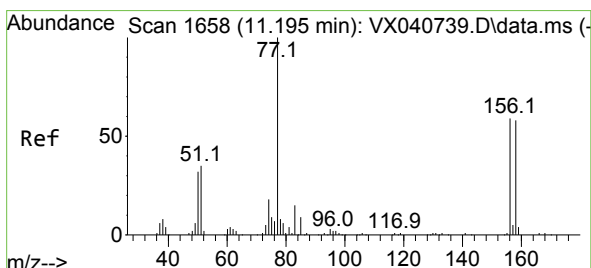
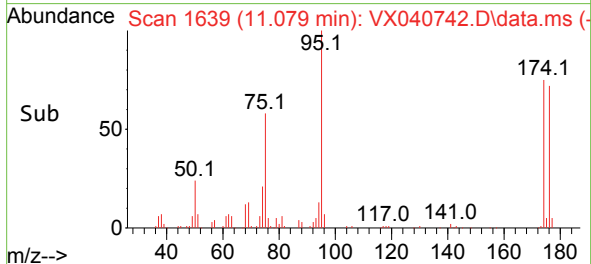
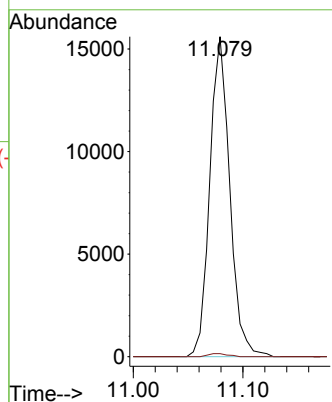
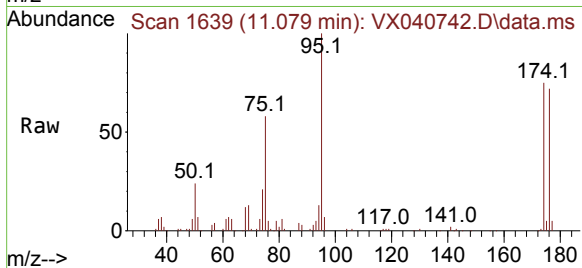
IBLK

Tgt Ion: 75 Resp: 19719

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#77

Bromobenzene

Concen: 0.310 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX040742.D

Acq: 21 Mar 2024 14:10

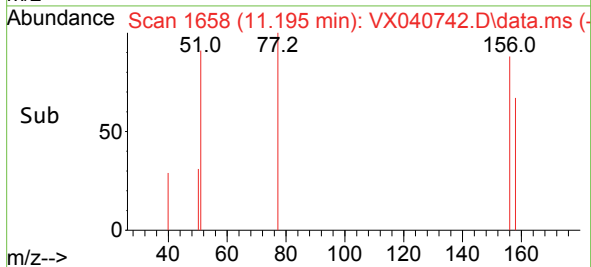
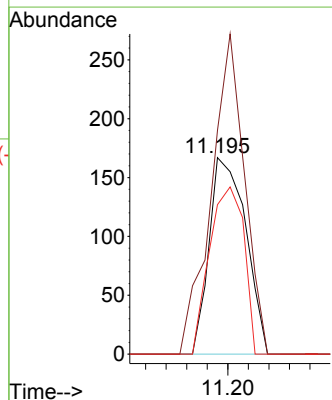
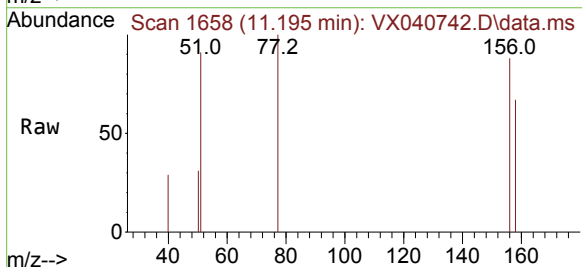
Tgt Ion: 156 Resp: 206

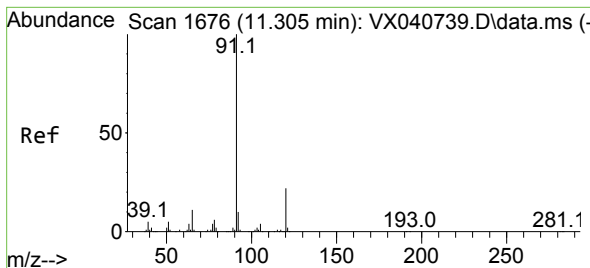
Ion Ratio Lower Upper

156 100

77 148.5 88.4 265.3

158 80.1 48.0 144.0





#78

n-propylbenzene

Concen: 0.427 ug/l

RT: 11.305 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX040742.D

Acq: 21 Mar 2024 14:10

Instrument :

MSVOA_X

ClientSampleId :

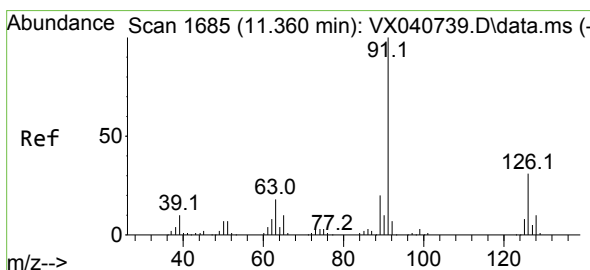
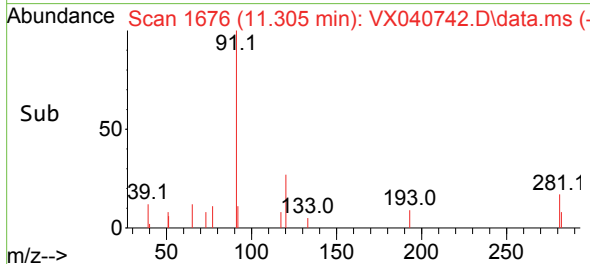
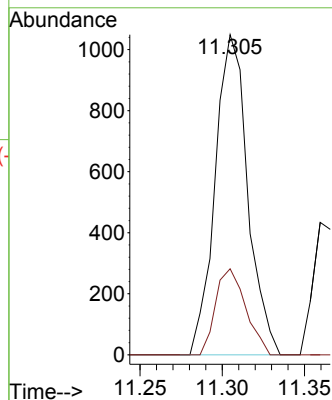
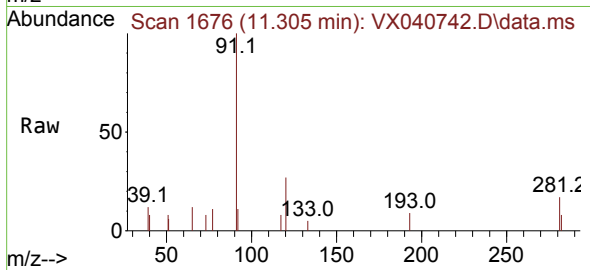
IBLK

Tgt Ion: 91 Resp: 1446

Ion Ratio Lower Upper

91 100

120 24.8 11.5 34.4



#79

2-Chlorotoluene

Concen: 0.325 ug/l

RT: 11.360 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VX040742.D

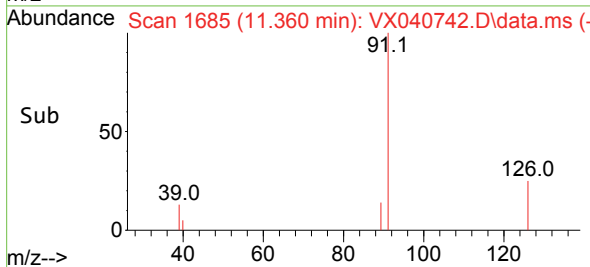
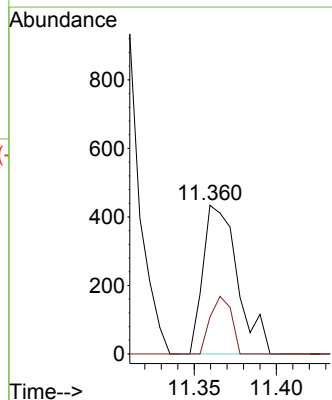
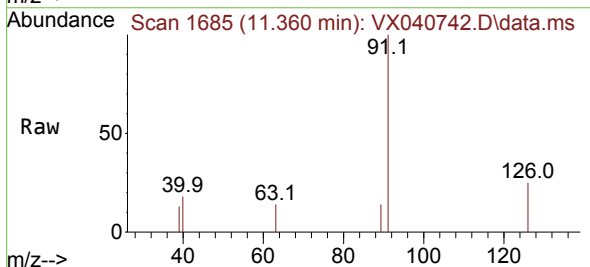
Acq: 21 Mar 2024 14:10

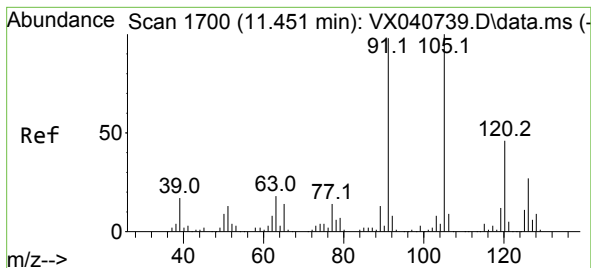
Tgt Ion: 91 Resp: 634

Ion Ratio Lower Upper

91 100

126 23.8 16.3 48.8





#80

1,3,5-Trimethylbenzene

Concen: 0.360 ug/l

RT: 11.451 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX040742.D

Acq: 21 Mar 2024 14:10

Instrument :

MSVOA_X

ClientSampleId :

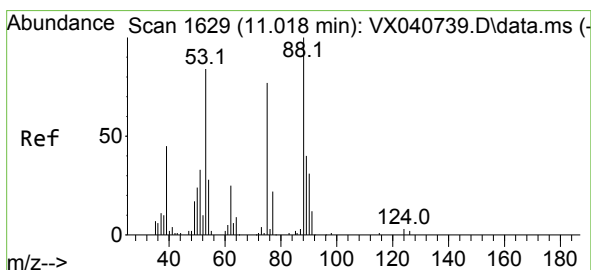
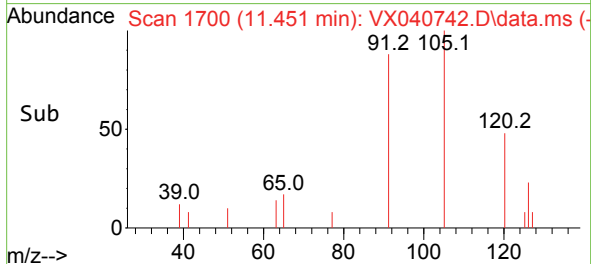
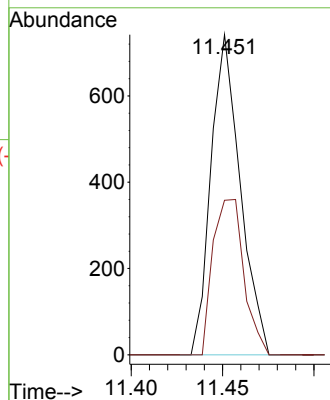
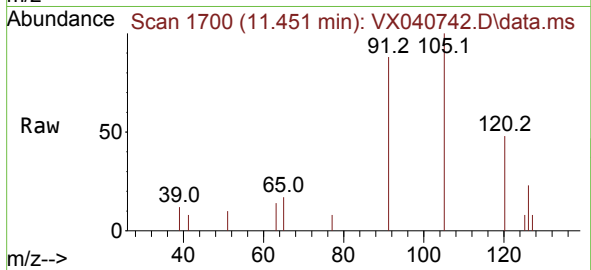
IBLK

Tgt Ion:105 Resp: 829

Ion Ratio Lower Upper

105 100

120 51.1 24.1 72.3



#81

trans-1,4-Dichloro-2-butene

Concen: 64.101 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX040742.D

Acq: 21 Mar 2024 14:10

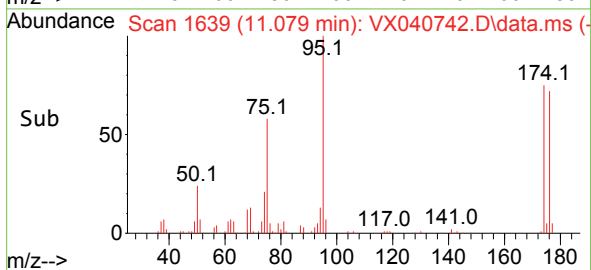
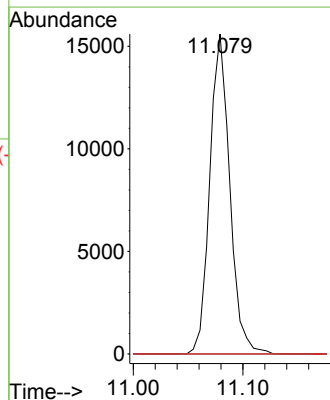
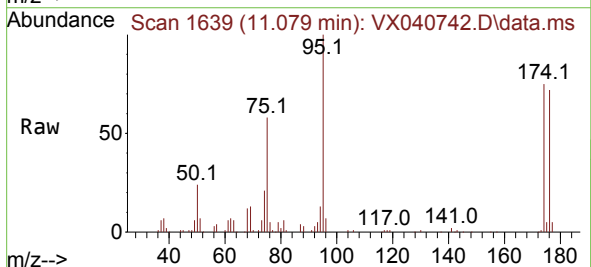
Tgt Ion: 75 Resp: 19719

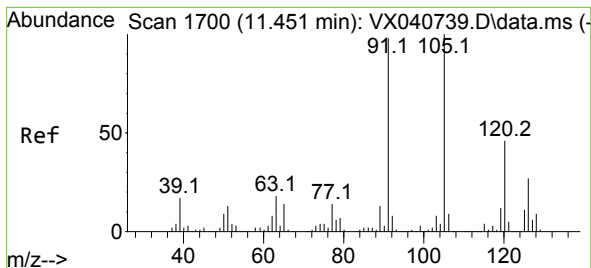
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

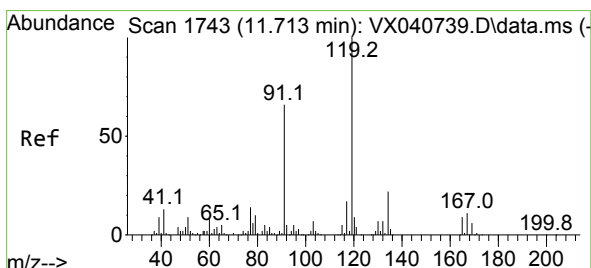
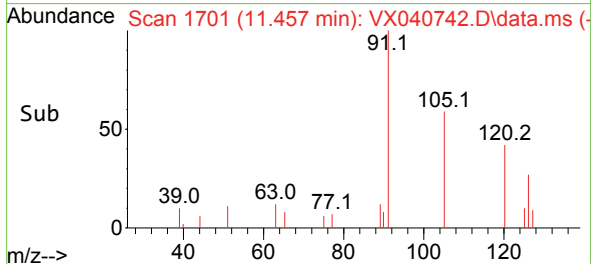
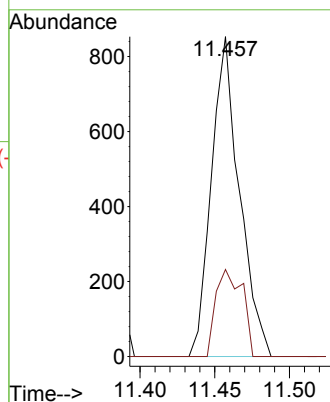
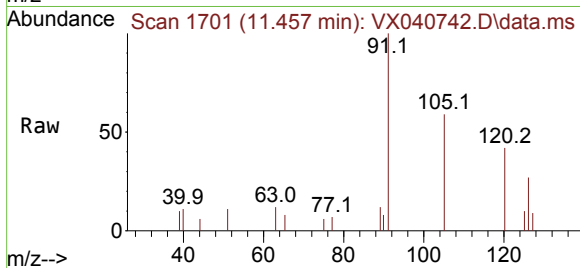




#82
4-Chlorotoluene
Concen: 0.453 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX040742.D
Acq: 21 Mar 2024 14:10

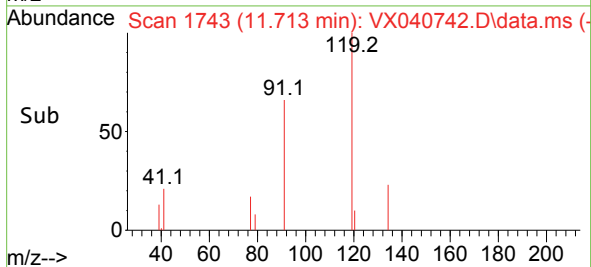
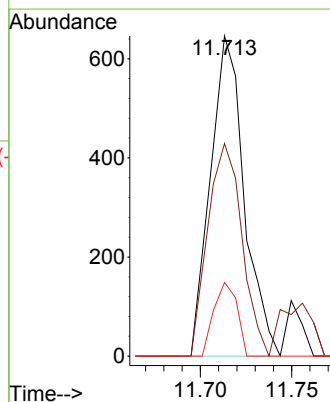
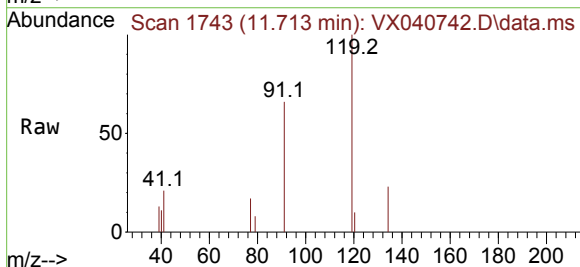
Instrument :
MSVOA_X
ClientSampleId :
IBLK

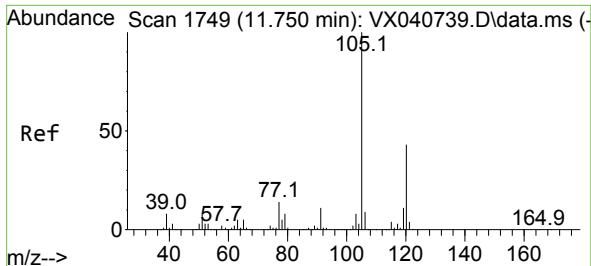
Tgt Ion: 91 Resp: 1110
Ion Ratio Lower Upper
91 100
126 25.8 14.2 42.6



#83
tert-Butylbenzene
Concen: 0.360 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX040742.D
Acq: 21 Mar 2024 14:10

Tgt Ion: 119 Resp: 831
Ion Ratio Lower Upper
119 100
91 66.9 31.2 93.6
134 15.8 11.7 35.0

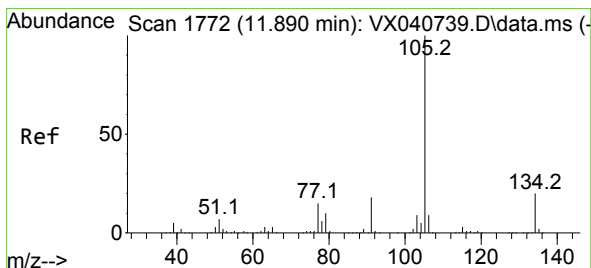
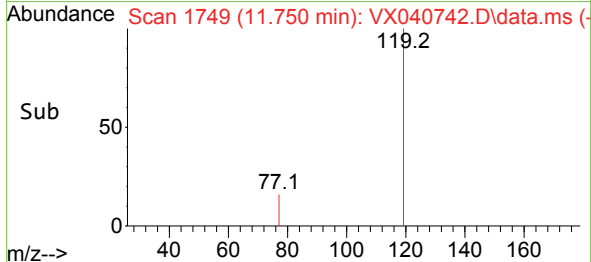
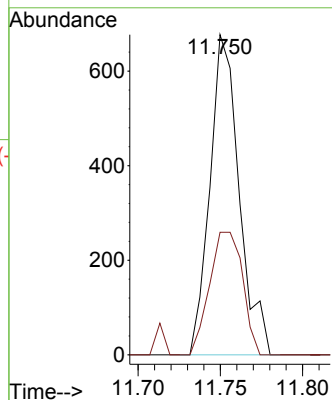
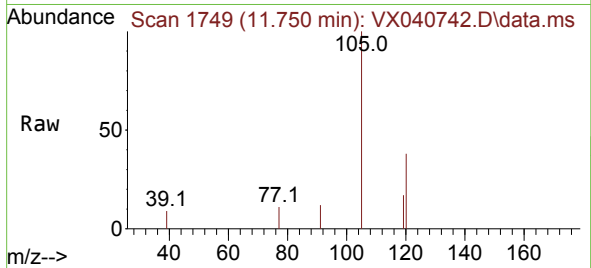




#84
1,2,4-Trimethylbenzene
Concen: 0.361 ug/l
RT: 11.750 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040742.D
Acq: 21 Mar 2024 14:10

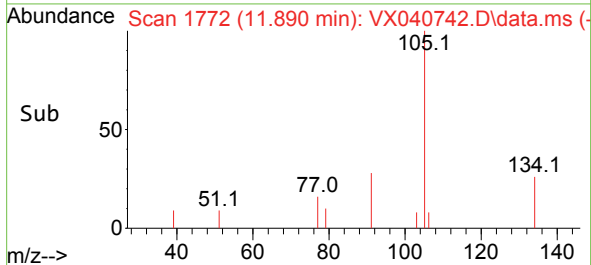
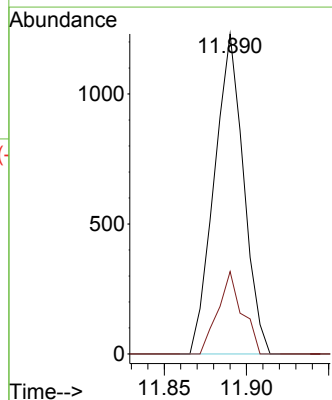
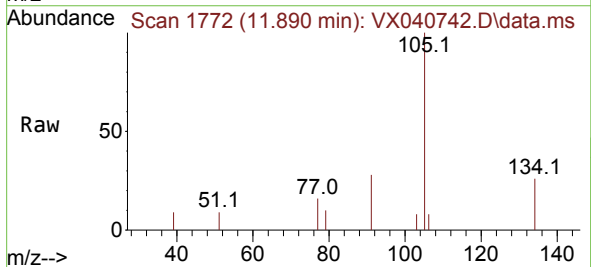
Instrument :
MSVOA_X
ClientSampleId :
IBLK

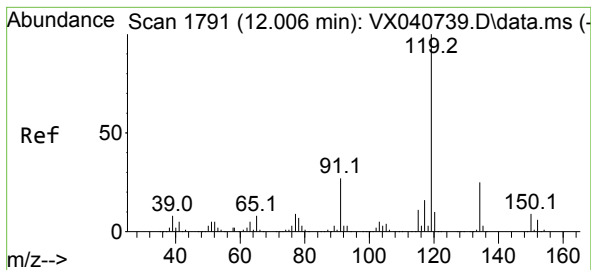
Tgt Ion:105 Resp: 837
Ion Ratio Lower Upper
105 100
120 43.2 21.2 63.6



#85
sec-Butylbenzene
Concen: 0.520 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX040742.D
Acq: 21 Mar 2024 14:10

Tgt Ion:105 Resp: 1526
Ion Ratio Lower Upper
105 100
134 21.3 9.8 29.4





#86

p-Isopropyltoluene

Concen: 0.565 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX040742.D

Acq: 21 Mar 2024 14:10

Instrument :

MSVOA_X

ClientSampleId :

IBLK

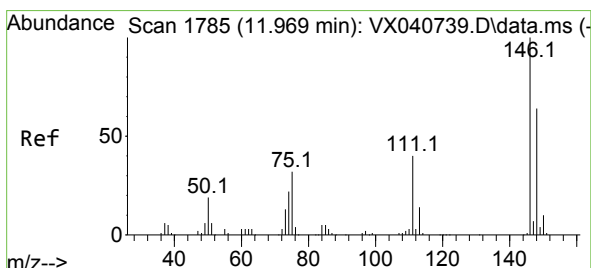
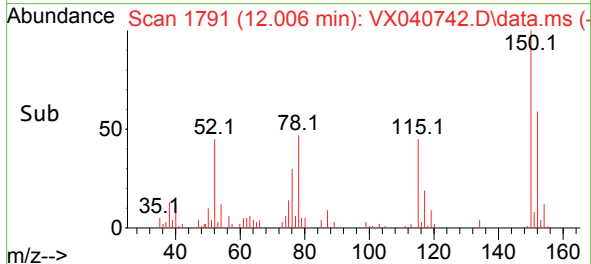
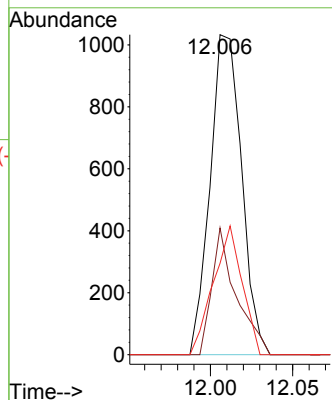
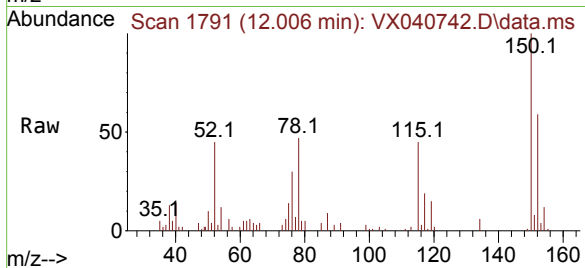
Tgt Ion:119 Resp: 1375

Ion Ratio Lower Upper

119 100

134 30.7 12.8 38.3

91 36.8 13.1 39.3



#87

1,3-Dichlorobenzene

Concen: 0.489 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX040742.D

Acq: 21 Mar 2024 14:10

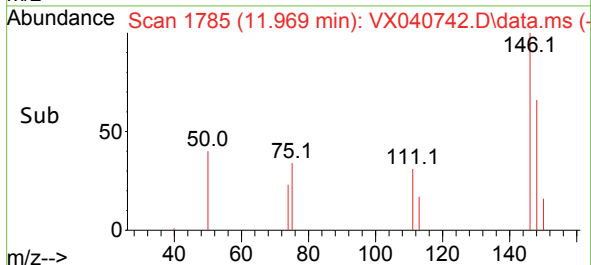
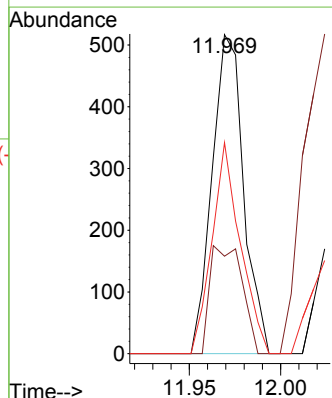
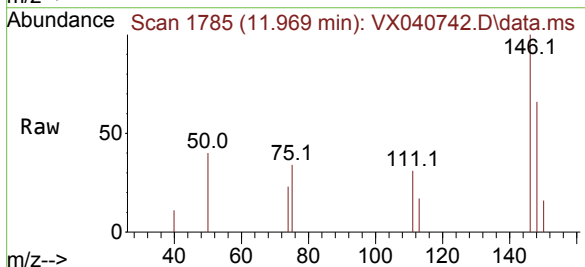
Tgt Ion:146 Resp: 620

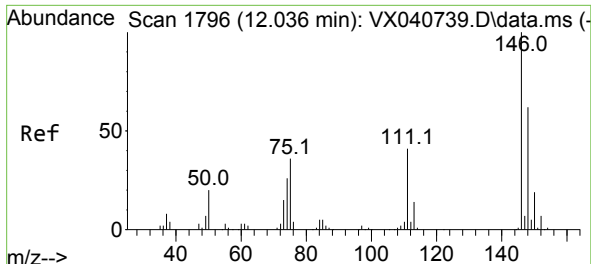
Ion Ratio Lower Upper

146 100

111 34.5 22.1 66.1

148 59.7 31.8 95.3

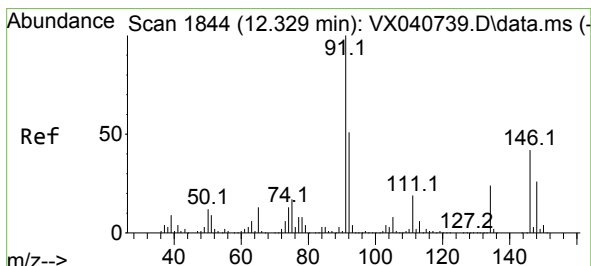
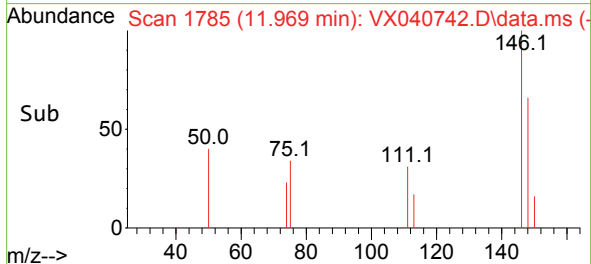
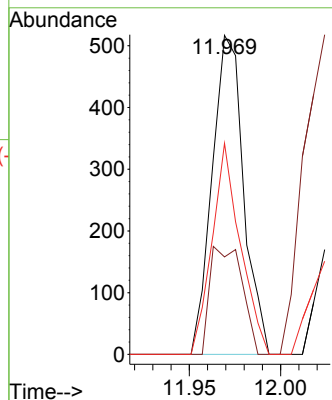
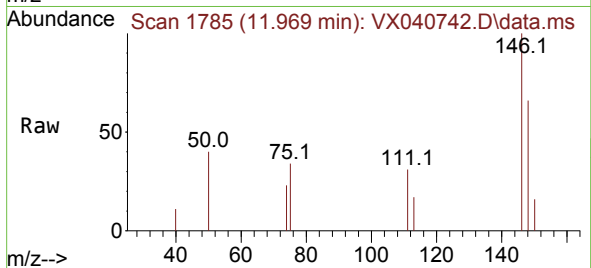




#88
1,4-Dichlorobenzene
Concen: 0.460 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.067 min
Lab File: VX040742.D
Acq: 21 Mar 2024 14:10

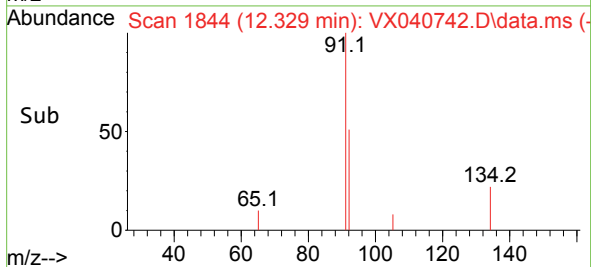
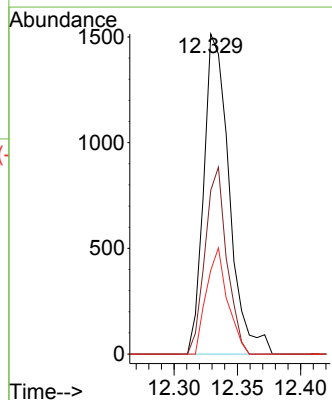
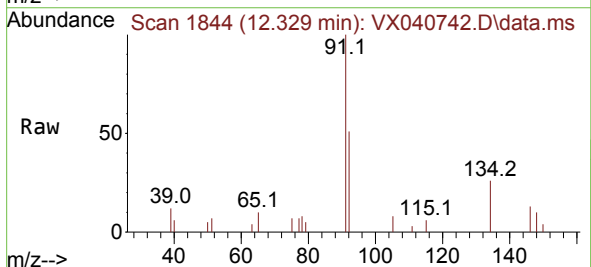
Instrument :
MSVOA_X
ClientSampleId :
IBLK

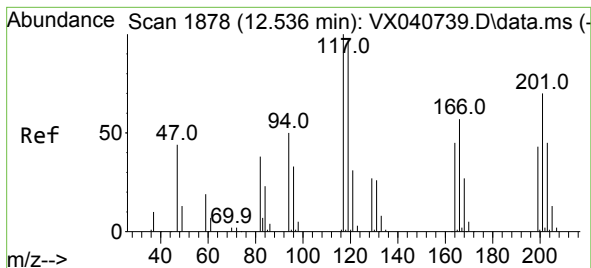
Tgt Ion:146 Resp: 620
Ion Ratio Lower Upper
146 100
111 34.5 21.3 63.7
148 59.7 31.8 95.4



#89
n-Butylbenzene
Concen: 0.864 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX040742.D
Acq: 21 Mar 2024 14:10

Tgt Ion: 91 Resp: 2121
Ion Ratio Lower Upper
91 100
92 50.0 27.4 82.0
134 27.6 12.6 37.8





#90

Hexachloroethane

Concen: 0.274 ug/l

RT: 12.536 min Scan# 117

Delta R.T. -0.000 min

Lab File: VX040742.D

Acq: 21 Mar 2024 14:10

Instrument :

MSVOA_X

ClientSampleId :

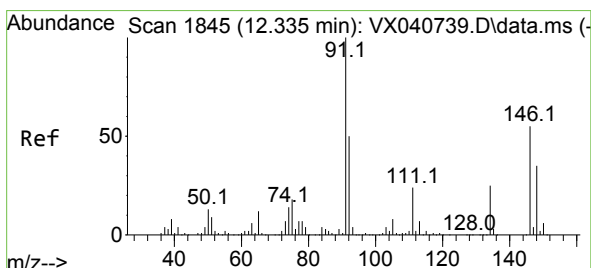
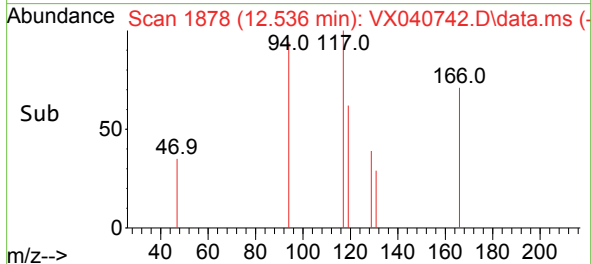
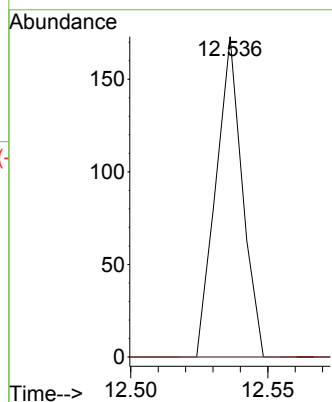
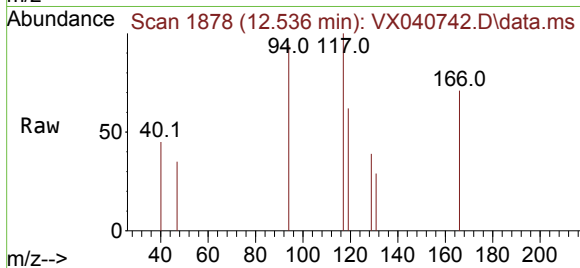
IBLK

Tgt Ion:117 Resp: 116

Ion Ratio Lower Upper

117 100

201 0.0 32.9 98.6#



#91

1,2-Dichlorobenzene

Concen: 0.378 ug/l

RT: 12.341 min Scan# 1846

Delta R.T. 0.006 min

Lab File: VX040742.D

Acq: 21 Mar 2024 14:10

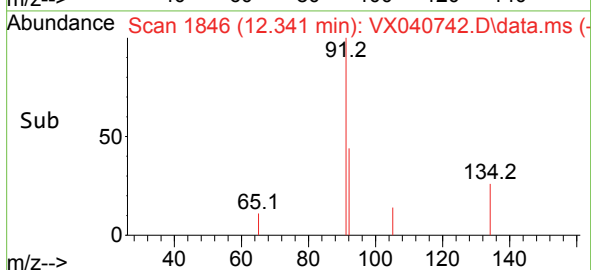
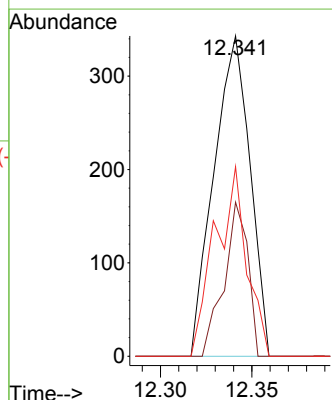
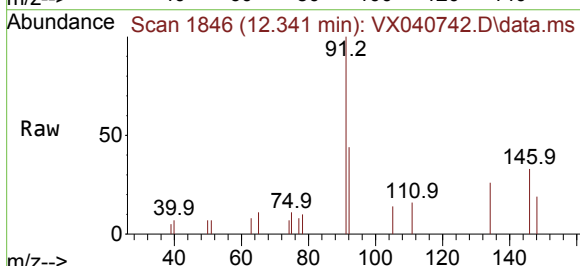
Tgt Ion:146 Resp: 471

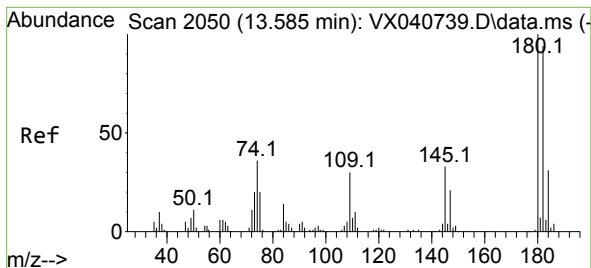
Ion Ratio Lower Upper

146 100

111 31.8 22.4 67.0

148 51.8 31.6 95.0





#93

1,2,4-Trichlorobenzene

Concen: 0.964 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX040742.D

Acq: 21 Mar 2024 14:10

Instrument :

MSVOA_X

ClientSampleId :

IBLK

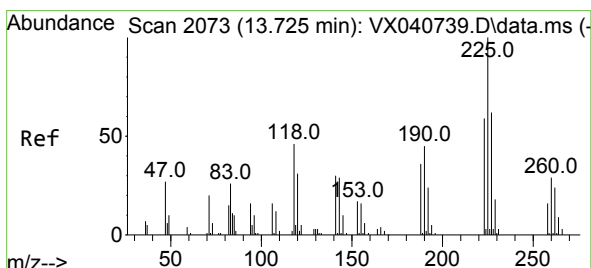
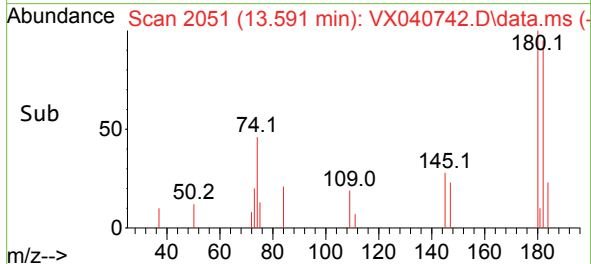
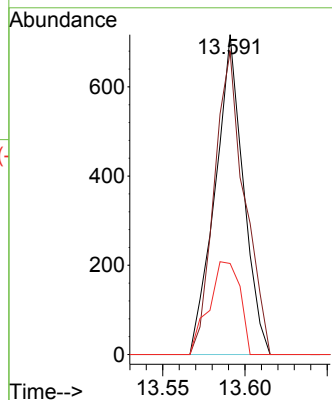
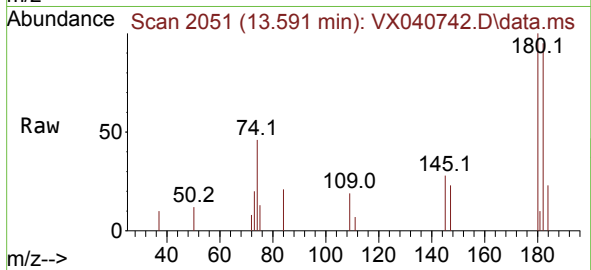
Tgt Ion:180 Resp: 854

Ion Ratio Lower Upper

180 100

182 101.6 48.3 144.8

145 31.9 18.0 54.0



#94

Hexachlorobutadiene

Concen: 4.761 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX040742.D

Acq: 21 Mar 2024 14:10

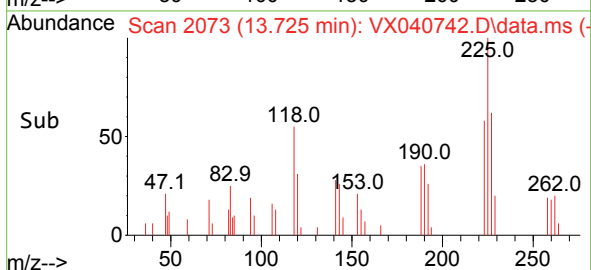
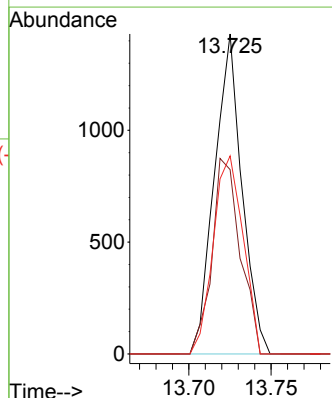
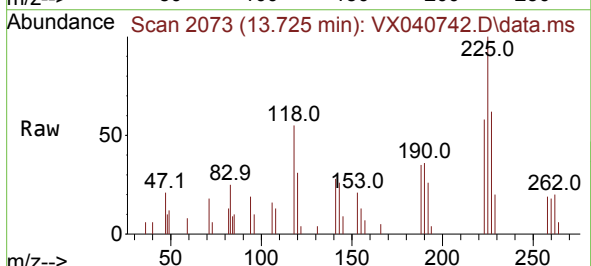
Tgt Ion:225 Resp: 1663

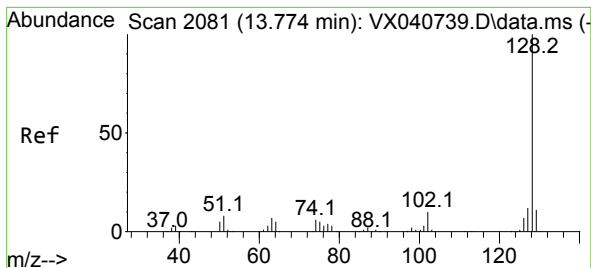
Ion Ratio Lower Upper

225 100

223 62.8 31.1 93.2

227 67.2 32.5 97.5





#95

Naphthalene

Concen: 1.070 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX040742.D

Acq: 21 Mar 2024 14:10

Instrument :

MSVOA_X

ClientSampleId :

IBLK

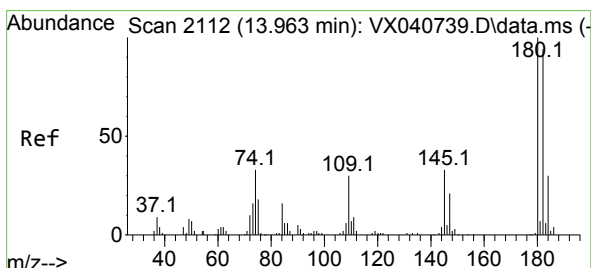
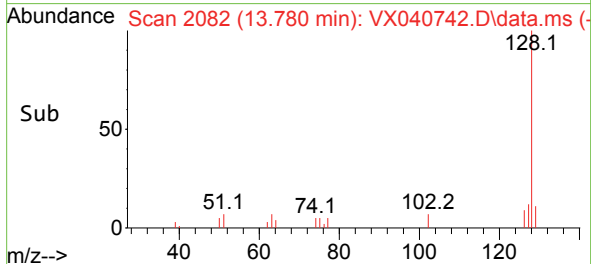
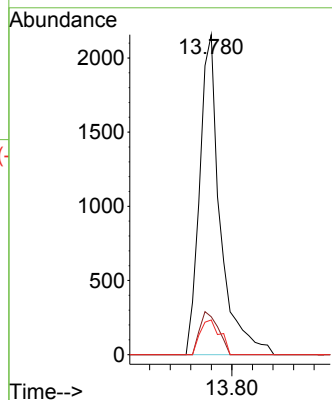
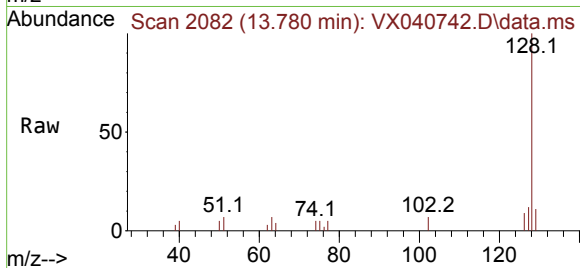
Tgt Ion:128 Resp: 3000

Ion Ratio Lower Upper

128 100

127 12.0 10.3 15.5

129 10.5 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 1.083 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX040742.D

Acq: 21 Mar 2024 14:10

Tgt Ion:180 Resp: 943

Ion Ratio Lower Upper

180 100

182 99.9 46.9 140.6

145 29.7 17.8 53.5

