

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041624\
 Data File : VX041097.D
 Acq On : 16 Apr 2024 11:43
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Apr 17 01:42:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041624W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 01:32:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	180193	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	266648	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	261623	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	149137	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	95244	48.957	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.920%
35) Dibromofluoromethane	5.385	113	85868	48.206	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.420%
50) Toluene-d8	8.647	98	314287	50.373	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.740%
62) 4-Bromofluorobenzene	11.079	95	119046	50.263	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.520%

Target Compounds			Qvalue			
2) Dichlorodifluoromethane	1.166	85	867	0.607	ug/l	95
3) Chloromethane	1.294	50	512	0.322	ug/l	# 82
4) Vinyl Chloride	1.373	62	891	0.489	ug/l	90
5) Bromomethane	1.617	94	553	0.485	ug/l	# 72
6) Chloroethane	1.690	64	258	0.215	ug/l	# 63
7) Trichlorofluoromethane	1.892	101	1401	0.490	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.331	101	1061	0.639	ug/l	88
10) Methyl Iodide	2.453	142	892	0.511	ug/l	# 71
11) Tert butyl alcohol	2.965	59	792	2.081	ug/l	# 78
12) 1,1-Dichloroethene	2.325	96	876	0.551	ug/l	# 80
13) Acrolein	2.233	56	947	1.978	ug/l	97
14) Allyl chloride	2.666	41	1054	0.410	ug/l	# 74
15) Acrylonitrile	3.074	53	2148	2.279	ug/l	98
16) Acetone	2.379	43	1352	1.653	ug/l	# 89
17) Carbon Disulfide	2.514	76	8634	2.385	ug/l	97
18) Methyl Acetate	2.703	43	547	0.268	ug/l	# 87
20) Methylene Chloride	2.788	84	766	0.439	ug/l	# 85
21) trans-1,2-Dichloroethene	3.093	96	1933	1.185	ug/l	# 87
23) Vinyl Acetate	3.733	43	2962	0.664	ug/l	# 78
25) 2-Butanone	4.580	43	1150	0.895	ug/l	# 51
27) cis-1,2-Dichloroethene	4.495	96	1074	0.545	ug/l	75
28) Bromochloromethane	4.916	49	409	Below Cal	#	70
29) Tetrahydrofuran	5.044	42	569	0.669	ug/l	# 63
30) Chloroform	5.098	83	673	0.215	ug/l	94
31) Cyclohexane	5.476	56	1154	0.479	ug/l	95
36) 1,1-Dichloropropene	5.702	75	1780	0.789	ug/l	# 81
38) Carbon Tetrachloride	5.684	117	856	0.327	ug/l	# 79
39) Methylcyclohexane	7.385	83	1577	0.557	ug/l	89
40) Benzene	6.043	78	1751	0.254	ug/l	98
42) 1,2-Dichloroethane	6.098	62	853	0.346	ug/l	# 77
44) Trichloroethene	7.129	130	1565	0.765	ug/l	71
46) Dibromomethane	7.592	93	549	0.427	ug/l	# 70
49) 1,4-Dioxane	7.689	88	558	12.233	ug/l	# 74
51) 4-Methyl-2-Pentanone	8.573	43	1275	0.469	ug/l	96
52) Toluene	8.726	92	1729	0.385	ug/l	92
53) t-1,3-Dichloropropene	8.988	75	1195	0.498	ug/l	90

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 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 01:32:05 2024
 Response via : Initial Calibration

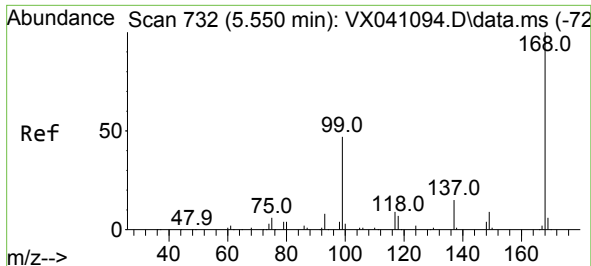
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

54) cis-1,3-Dichloropropene	8.372	75	995	0.377	ug/l	95
58) 2-Chloroethyl Vinyl ether	8.256	63	828	0.653	ug/l #	76
59) 2-Hexanone	9.445	43	1872	0.891	ug/l	100
61) 1,2-Dibromoethane	9.616	107	632	0.321	ug/l	99
64) Tetrachloroethene	9.281	164	1581	0.760	ug/l #	81
65) Chlorobenzene	10.079	112	3720	0.644	ug/l	99
67) Ethyl Benzene	10.195	91	3995	0.443	ug/l	95
68) m/p-Xylenes	10.305	106	3474	0.969	ug/l	94
69) o-Xylene	10.646	106	1031	0.295	ug/l	87
70) Styrene	10.658	104	2970	0.501	ug/l #	87
73) Isopropylbenzene	10.963	105	3805	0.433	ug/l	100
74) N-amyl acetate	10.847	43	735	0.211	ug/l #	82
76) 1,2,3-Trichloropropane	11.079	75	58255	23.970	ug/l #	38
77) Bromobenzene	11.201	156	1599	0.619	ug/l	79
78) n-propylbenzene	11.305	91	6645	0.674	ug/l	97
79) 2-Chlorotoluene	11.366	91	3729	0.620	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	3647	0.498	ug/l	92
81) trans-1,4-Dichloro-2-b...	11.079	75	58255	61.362	ug/l #	5
82) 4-Chlorotoluene	11.457	91	5582	0.797	ug/l	88
83) tert-Butylbenzene	11.713	119	3250	0.416	ug/l	89
84) 1,2,4-Trimethylbenzene	11.756	105	4011	0.548	ug/l	97
85) sec-Butylbenzene	11.890	105	4931	0.526	ug/l	90
86) p-Isopropyltoluene	12.012	119	5102	0.613	ug/l	91
87) 1,3-Dichlorobenzene	11.969	146	5089	1.044	ug/l	94
88) 1,4-Dichlorobenzene	12.042	146	6612	1.287	ug/l	86
89) n-Butylbenzene	12.335	91	7031	0.996	ug/l	96
90) Hexachloroethane	12.536	117	534	0.379	ug/l #	43
91) 1,2-Dichlorobenzene	12.335	146	4065	0.841	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	12.945	75	317	0.506	ug/l	68
93) 1,2,4-Trichlorobenzene	13.591	180	7076	1.947	ug/l	95
94) Hexachlorobutadiene	13.725	225	4034	2.329	ug/l	98
95) Naphthalene	13.774	128	17334	1.766	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	7420	2.056	ug/l	94

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

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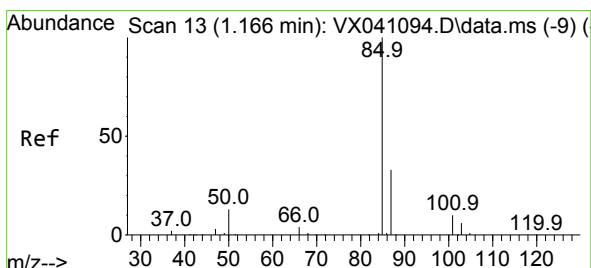
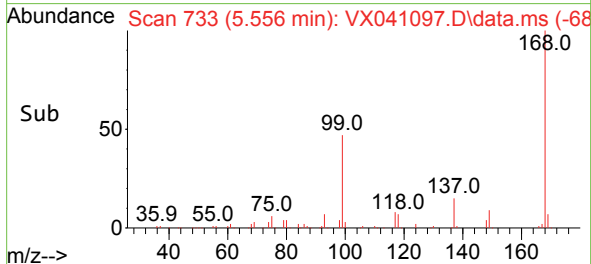
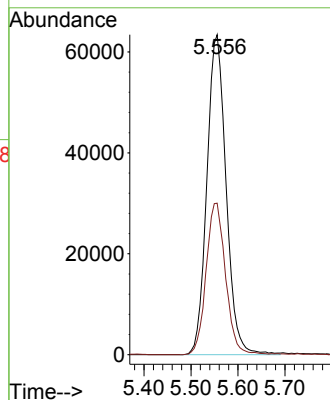
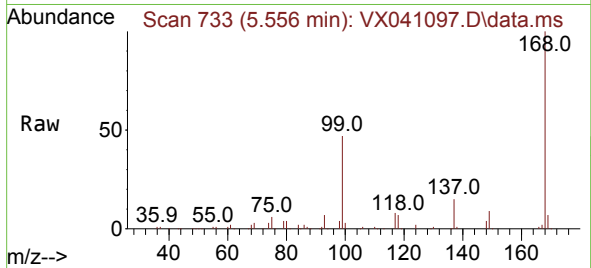




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX041097.D
Acq: 16 Apr 2024 11:43

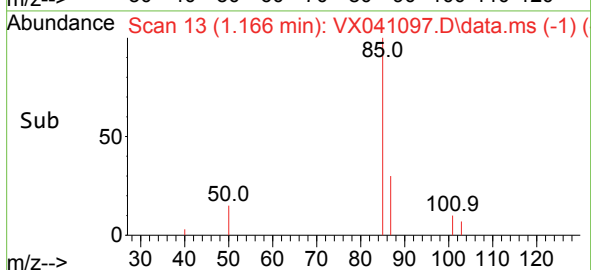
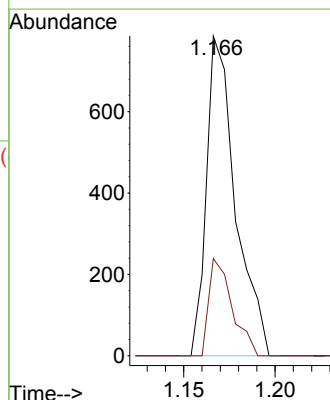
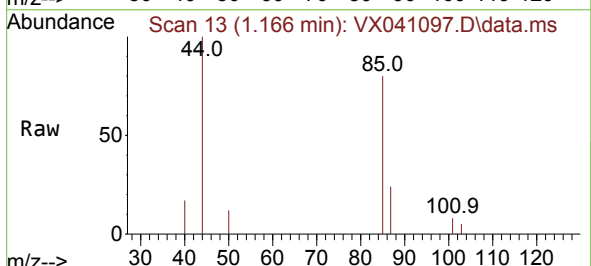
Instrument :
MSVOA_X
ClientSampleId :
IBLK

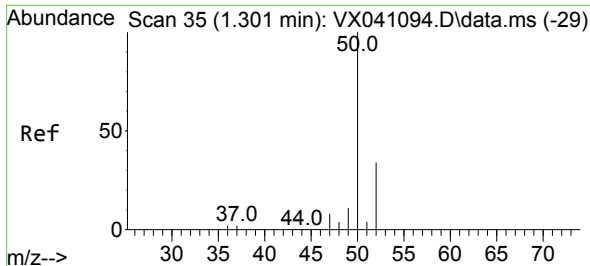
Tgt Ion:168 Resp: 180193
Ion Ratio Lower Upper
168 100
99 47.4 56.6 85.0#



#2
Dichlorodifluoromethane
Concen: 0.607 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX041097.D
Acq: 16 Apr 2024 11:43

Tgt Ion: 85 Resp: 867
Ion Ratio Lower Upper
85 100
87 30.4 16.7 50.1





#3

Chloromethane

Concen: 0.322 ug/l

RT: 1.294 min Scan# 34

Delta R.T. -0.006 min

Lab File: VX041097.D

Acq: 16 Apr 2024 11:43

Instrument :

MSVOA_X

ClientSampleId :

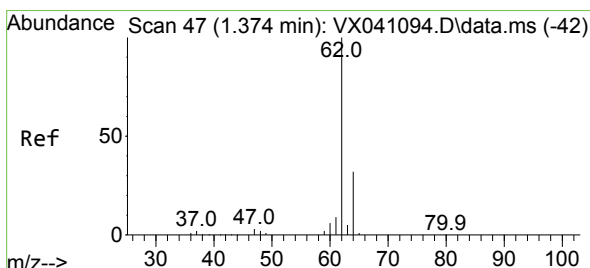
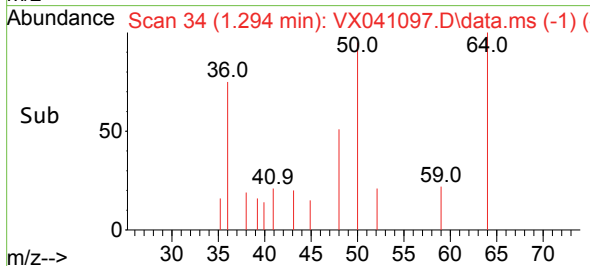
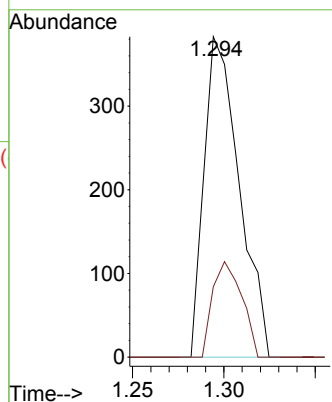
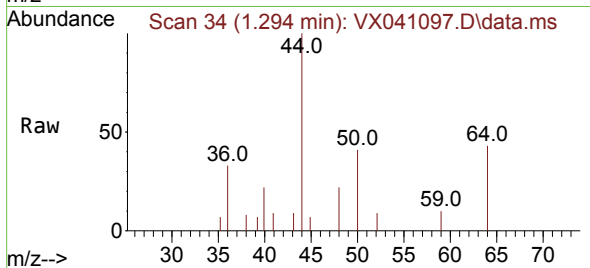
IBLK

Tgt Ion: 50 Resp: 512

Ion Ratio Lower Upper

50 100

52 21.9 25.5 38.3#



#4

Vinyl Chloride

Concen: 0.489 ug/l

RT: 1.373 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX041097.D

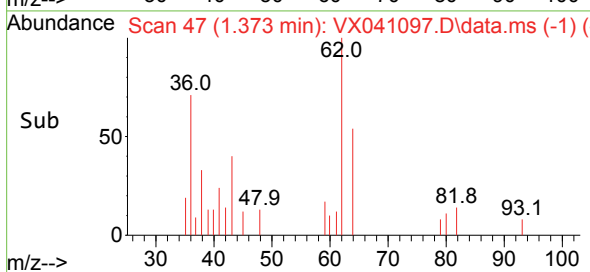
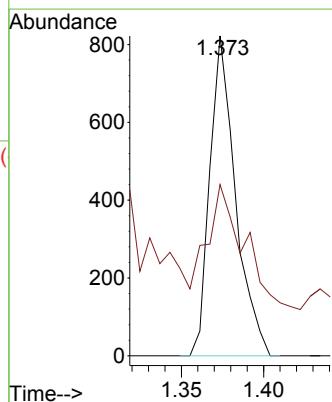
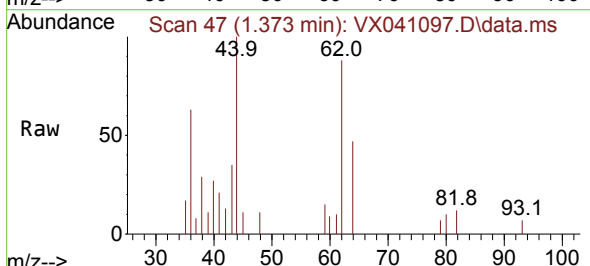
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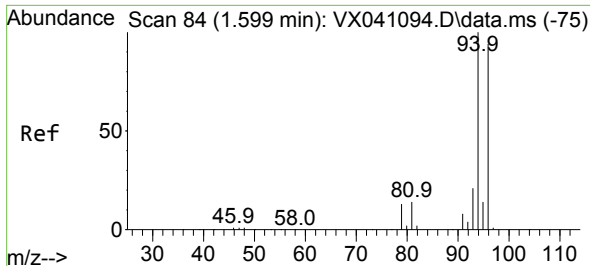
Tgt Ion: 62 Resp: 891

Ion Ratio Lower Upper

62 100

64 37.0 25.4 38.0

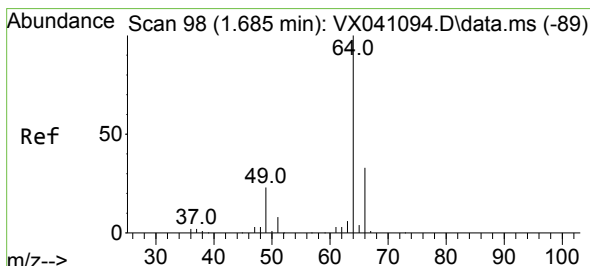
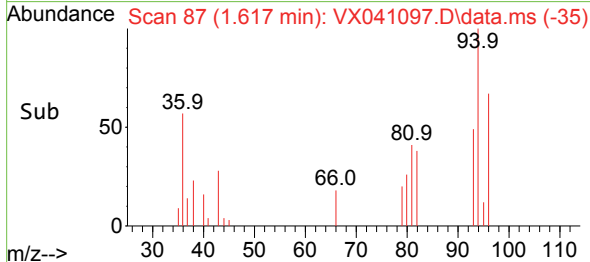
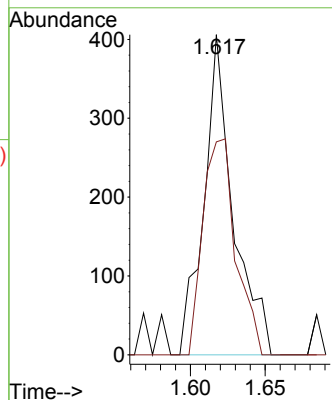
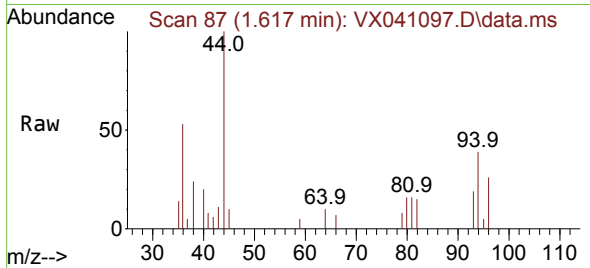




#5
Bromomethane
Concen: 0.485 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.018 min
Lab File: VX041097.D
Acq: 16 Apr 2024 11:43

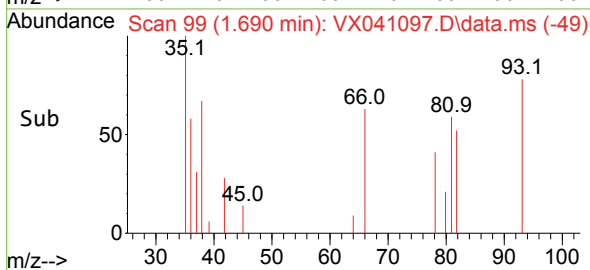
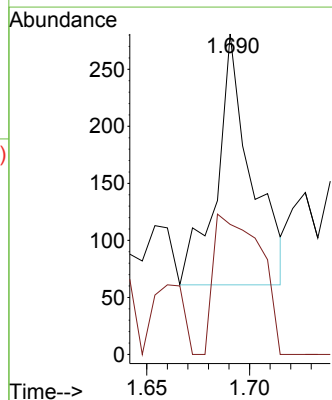
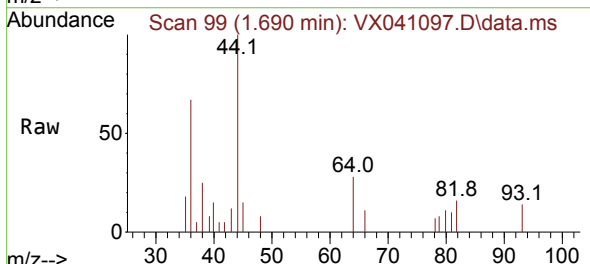
Instrument :
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IBLK

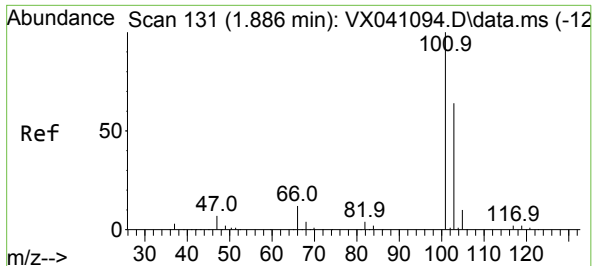
Tgt Ion: 94 Resp: 553
Ion Ratio Lower Upper
94 100
96 66.5 74.6 111.8#



#6
Chloroethane
Concen: 0.215 ug/l
RT: 1.690 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX041097.D
Acq: 16 Apr 2024 11:43

Tgt Ion: 64 Resp: 258
Ion Ratio Lower Upper
64 100
66 51.8 25.1 37.7#

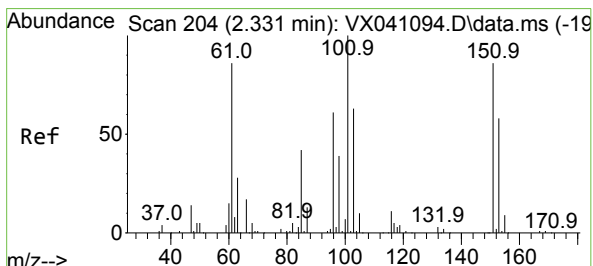
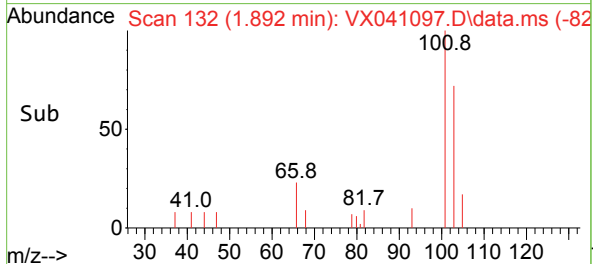
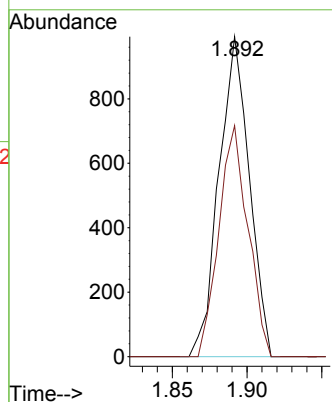
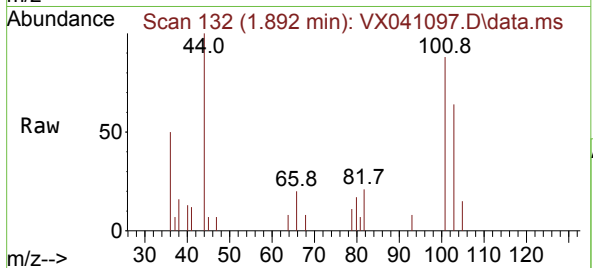




#7
Trichlorofluoromethane
Concen: 0.490 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX041097.D
Acq: 16 Apr 2024 11:43

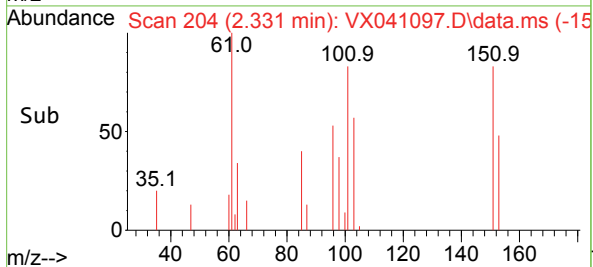
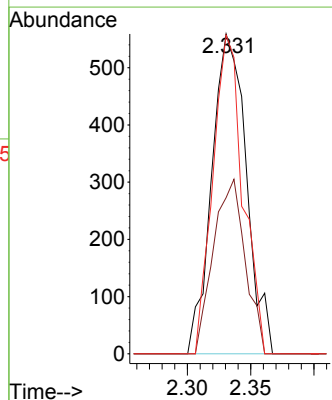
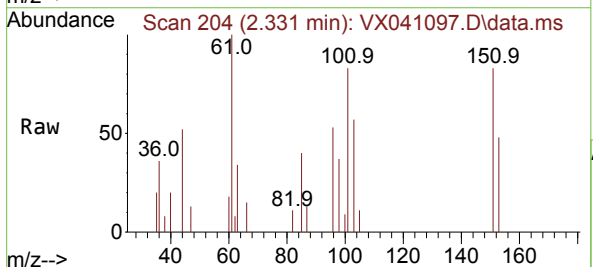
Instrument :
MSVOA_X
ClientSampleId :
IBLK

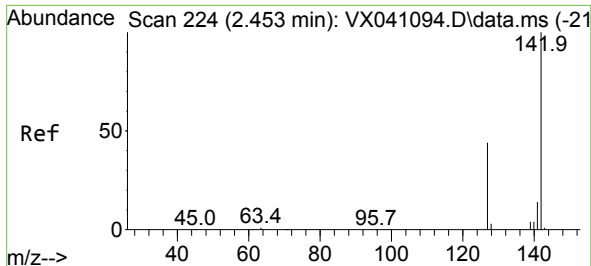
Tgt Ion:101 Resp: 1401
Ion Ratio Lower Upper
101 100
103 72.2 51.4 77.2



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.639 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX041097.D
Acq: 16 Apr 2024 11:43

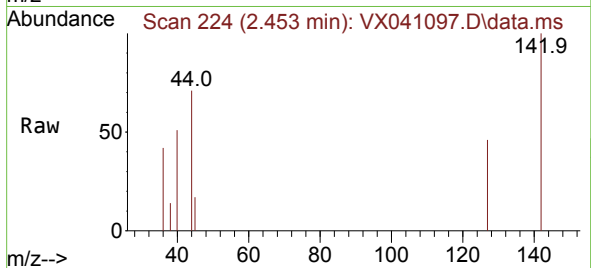
Tgt Ion:101 Resp: 1061
Ion Ratio Lower Upper
101 100
85 50.2 37.0 55.6
151 86.8 58.6 87.8





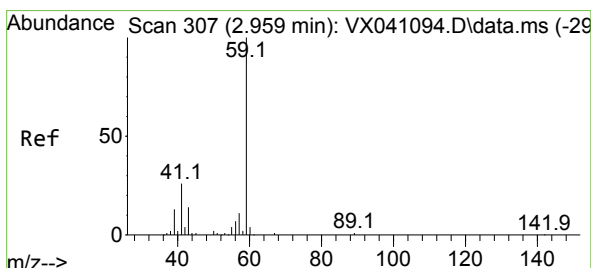
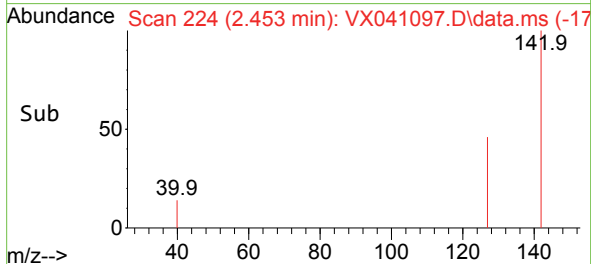
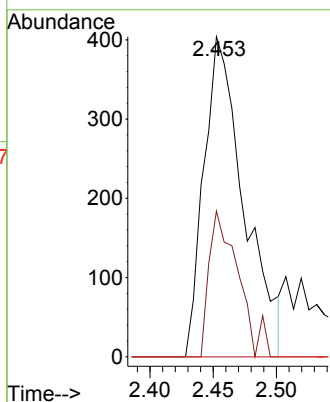
#10
Methyl Iodide
Concen: 0.511 ug/l
RT: 2.453 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX041097.D
Acq: 16 Apr 2024 11:43

Instrument :
MSVOA_X
ClientSampleId :
IBLK



Tgt Ion:142 Resp: 892

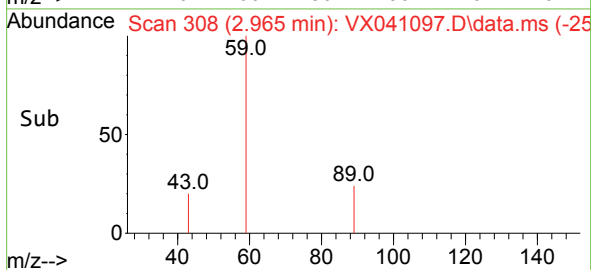
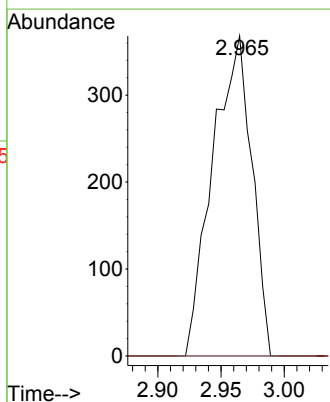
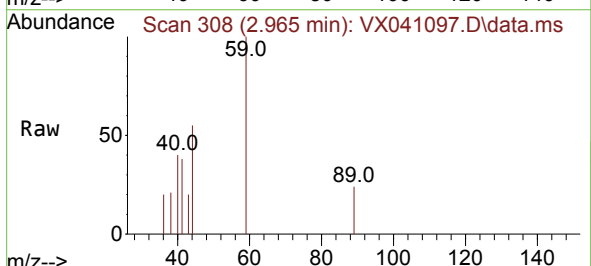
Ion	Ratio	Lower	Upper
142	100		
127	33.1	41.6	62.4#
141	0.0	11.6	17.4#

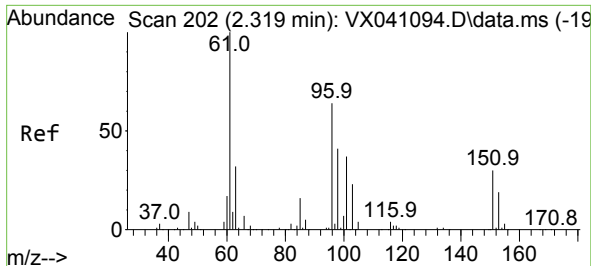


#11
Tert butyl alcohol
Concen: 2.081 ug/l
RT: 2.965 min Scan# 308
Delta R.T. 0.006 min
Lab File: VX041097.D
Acq: 16 Apr 2024 11:43

Tgt Ion: 59 Resp: 792

Ion	Ratio	Lower	Upper
59	100		
57	0.0	6.0	9.0#





#12

1,1-Dichloroethene

Concen: 0.551 ug/l

RT: 2.325 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX041097.D

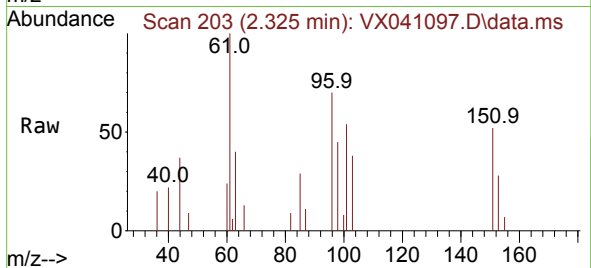
Acq: 16 Apr 2024 11:43

Instrument :

MSVOA_X

ClientSampleId :

IBLK



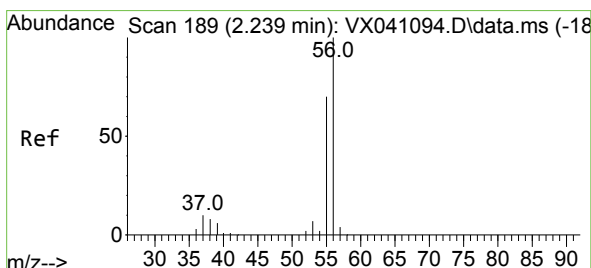
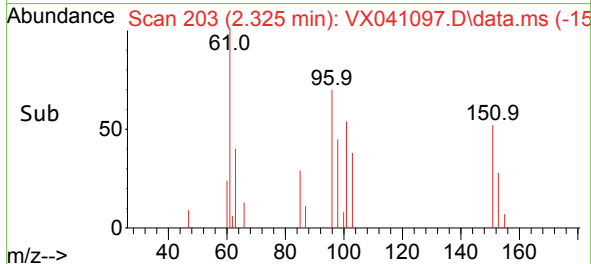
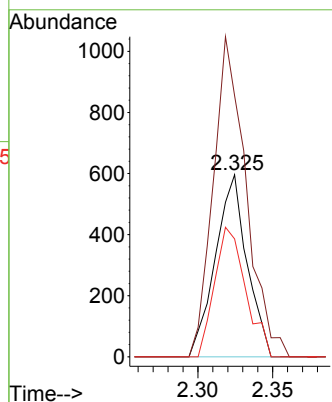
Tgt Ion: 96 Resp: 876

Ion Ratio Lower Upper

96 100

61 143.5 144.6 216.8#

98 64.8 50.4 75.6



#13

Acrolein

Concen: 1.978 ug/l

RT: 2.233 min Scan# 188

Delta R.T. -0.006 min

Lab File: VX041097.D

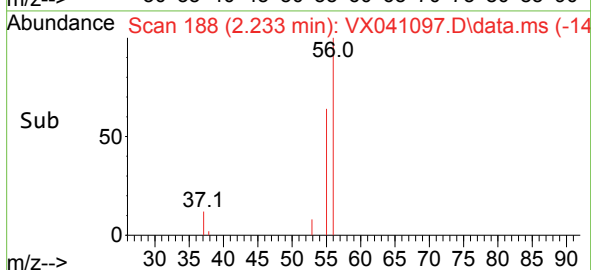
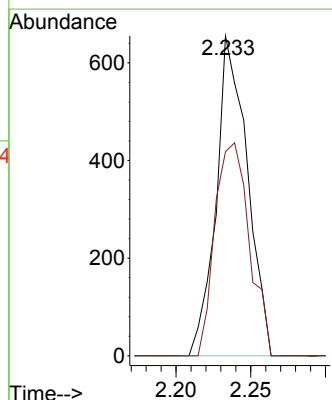
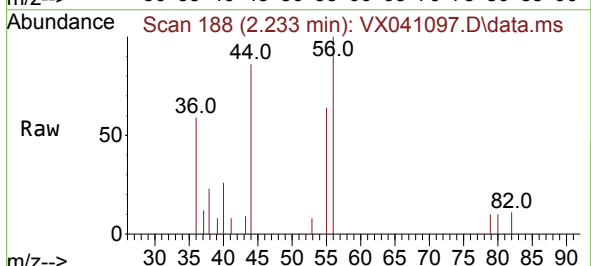
Acq: 16 Apr 2024 11:43

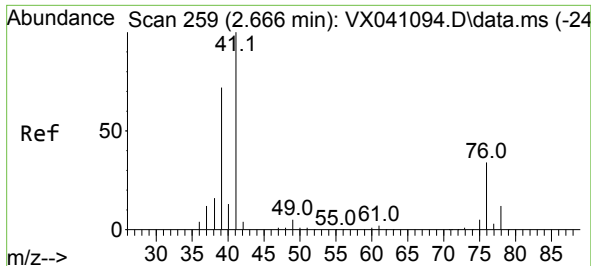
Tgt Ion: 56 Resp: 947

Ion Ratio Lower Upper

56 100

55 73.7 57.1 85.7

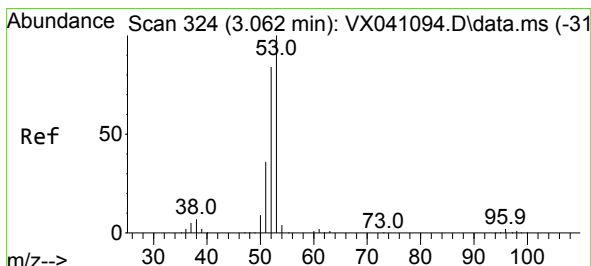
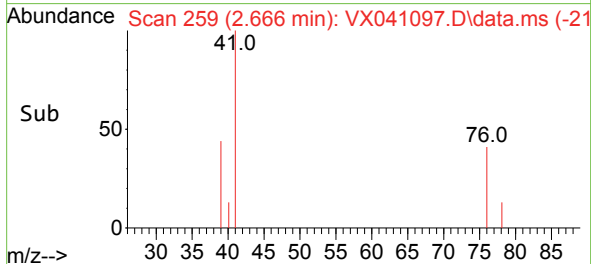
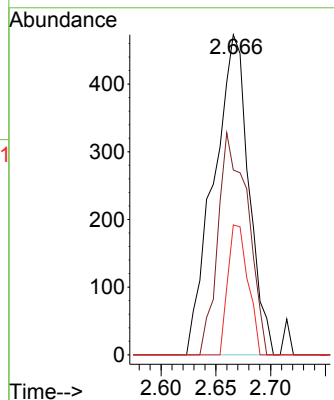
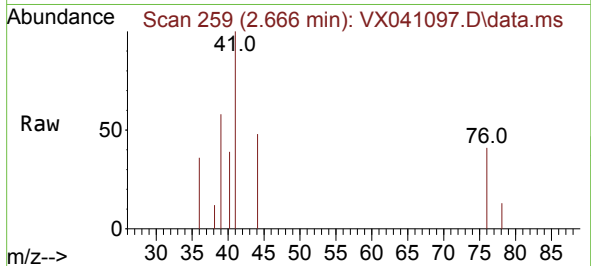




#14
Allyl chloride
Concen: 0.410 ug/l
RT: 2.666 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX041097.D
Acq: 16 Apr 2024 11:43

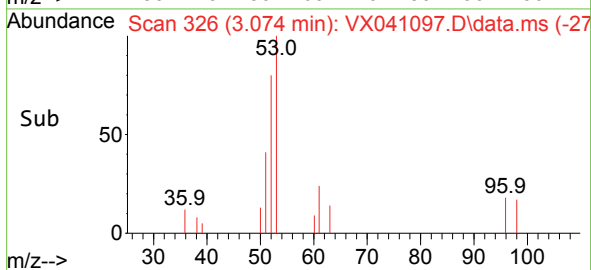
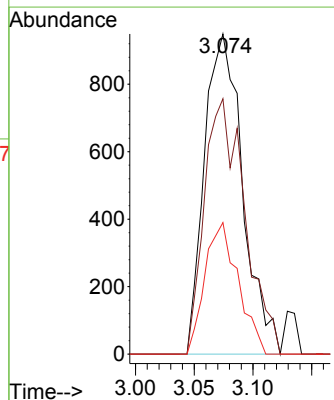
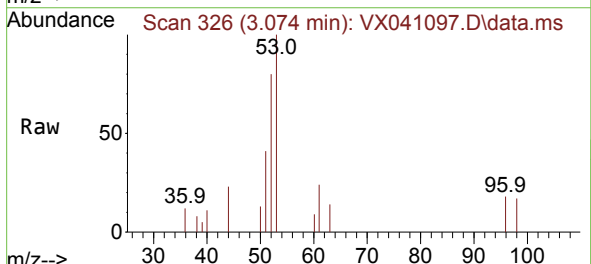
Instrument :
MSVOA_X
ClientSampleId :
IBLK

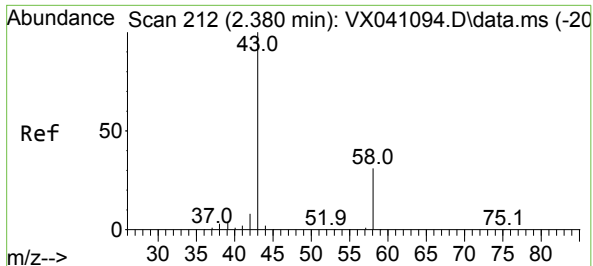
Tgt Ion:	41	Resp:	1054
Ion	Ratio	Lower	Upper
41	100		
39	58.6	55.8	83.6
76	0.0	24.3	36.5



#15
Acrylonitrile
Concen: 2.279 ug/l
RT: 3.074 min Scan# 326
Delta R.T. 0.012 min
Lab File: VX041097.D
Acq: 16 Apr 2024 11:43

Tgt Ion:	53	Resp:	2148
Ion	Ratio	Lower	Upper
53	100		
52	84.1	66.0	99.0
51	35.8	29.8	44.6

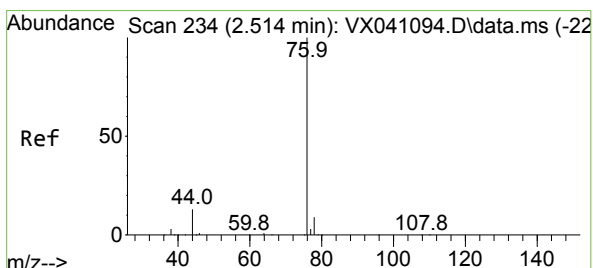
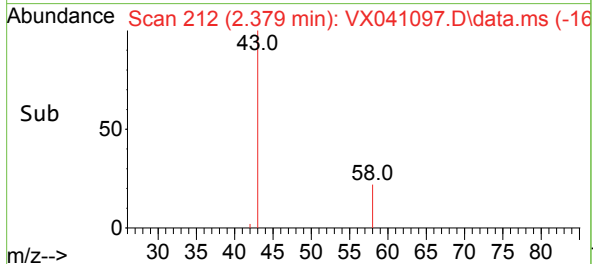
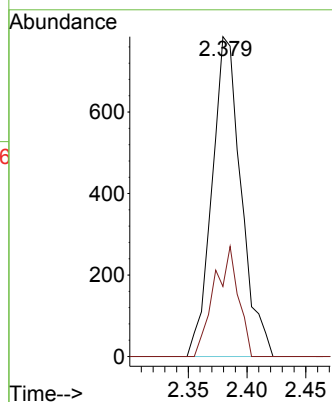
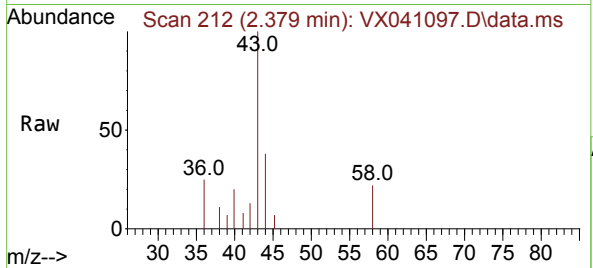




#16
Acetone
Concen: 1.653 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX041097.D
Acq: 16 Apr 2024 11:43

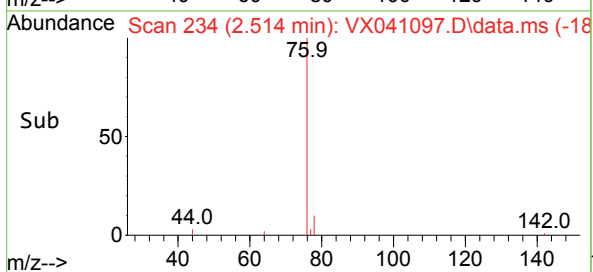
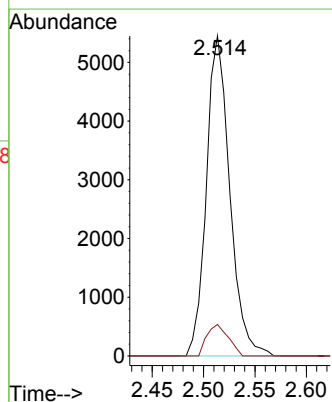
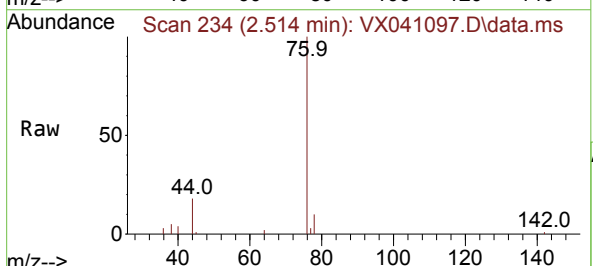
Instrument :
MSVOA_X
ClientSampleId :
IBLK

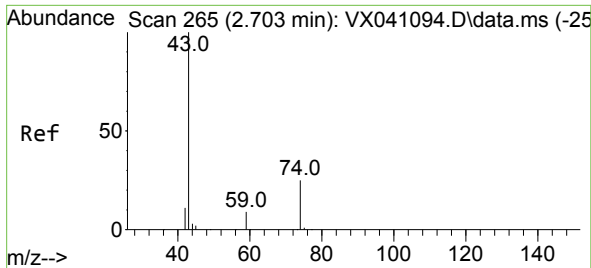
Tgt Ion: 43 Resp: 1352
Ion Ratio Lower Upper
43 100
58 21.9 21.9 32.9#



#17
Carbon Disulfide
Concen: 2.385 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX041097.D
Acq: 16 Apr 2024 11:43

Tgt Ion: 76 Resp: 8634
Ion Ratio Lower Upper
76 100
78 9.9 7.0 10.6

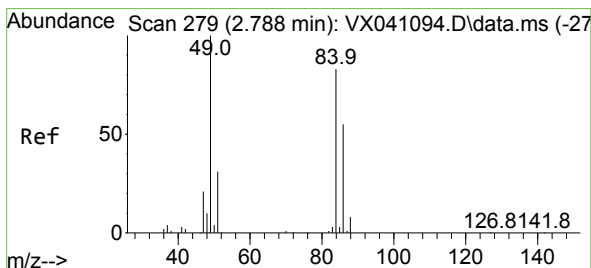
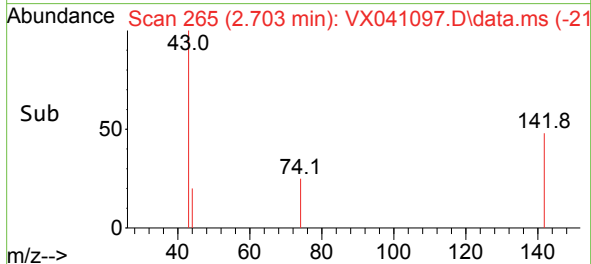
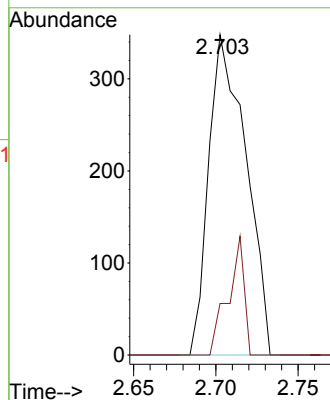
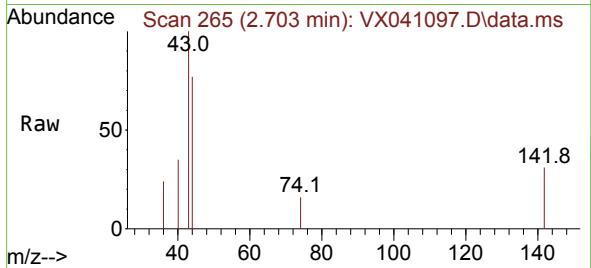




#18
Methyl Acetate
Concen: 0.268 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX041097.D
Acq: 16 Apr 2024 11:43

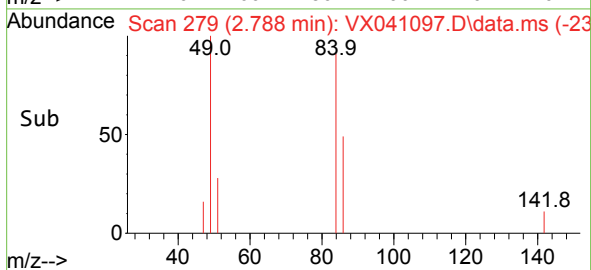
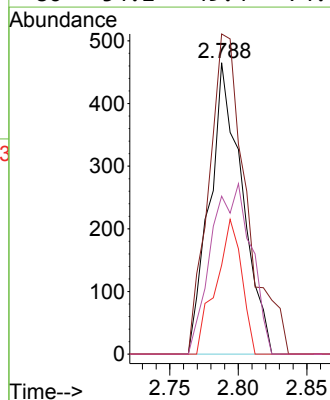
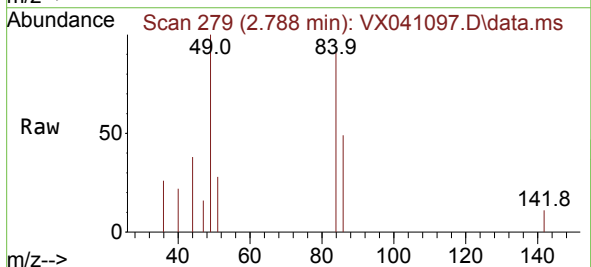
Instrument :
MSVOA_X
ClientSampleId :
IBLK

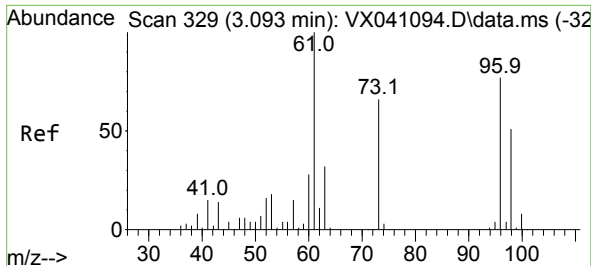
Tgt Ion: 43 Resp: 547
Ion Ratio Lower Upper
43 100
74 16.1 17.8 26.8#



#20
Methylene Chloride
Concen: 0.439 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX041097.D
Acq: 16 Apr 2024 11:43

Tgt Ion: 84 Resp: 766
Ion Ratio Lower Upper
84 100
49 109.9 103.6 155.4
51 30.5 33.8 50.6#
86 54.2 49.4 74.0

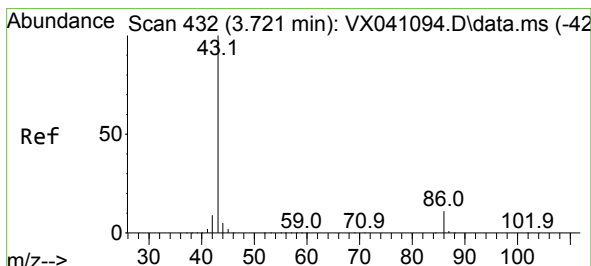
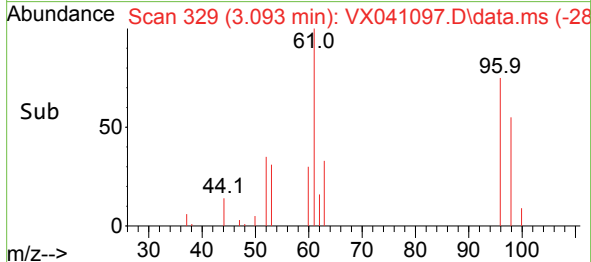
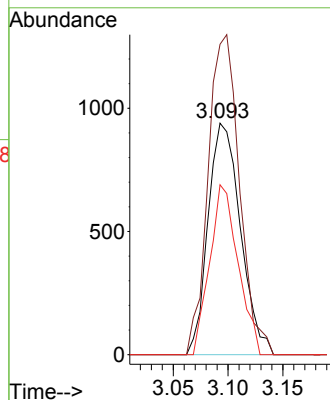
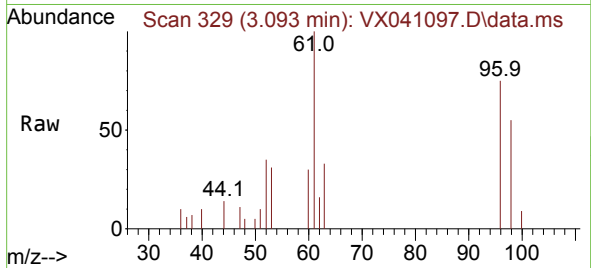




#21
trans-1,2-Dichloroethene
Concen: 1.185 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX041097.D
Acq: 16 Apr 2024 11:43

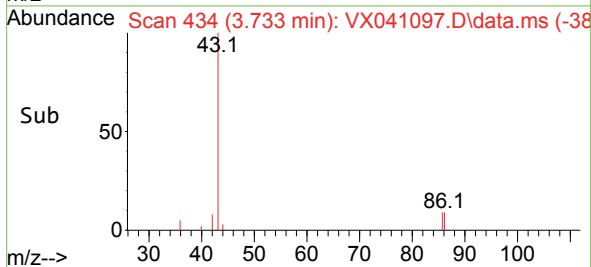
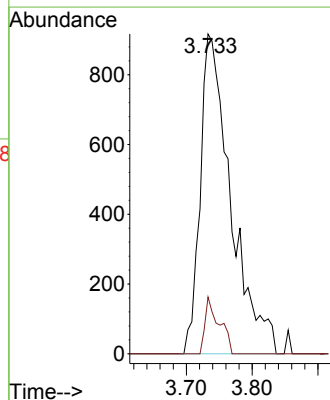
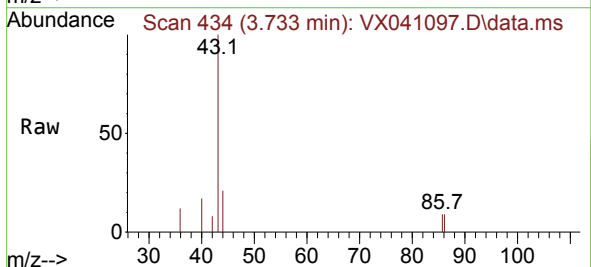
Instrument :
MSVOA_X
ClientSampleId :
IBLK

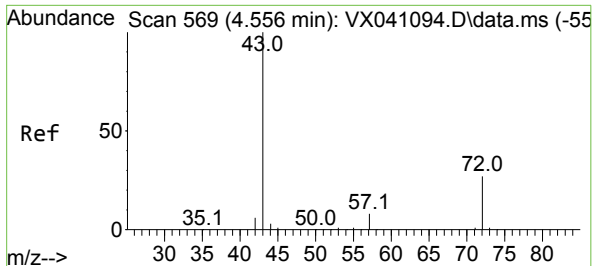
Tgt Ion: 96 Resp: 1933
Ion Ratio Lower Upper
96 100
61 134.0 119.2 178.8
98 73.4 48.7 73.1#



#23
Vinyl Acetate
Concen: 0.664 ug/l
RT: 3.733 min Scan# 434
Delta R.T. 0.012 min
Lab File: VX041097.D
Acq: 16 Apr 2024 11:43

Tgt Ion: 43 Resp: 2962
Ion Ratio Lower Upper
43 100
86 17.8 7.8 11.8#

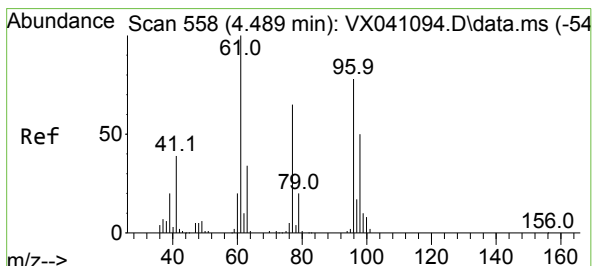
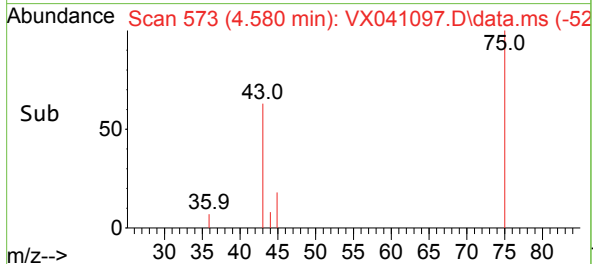
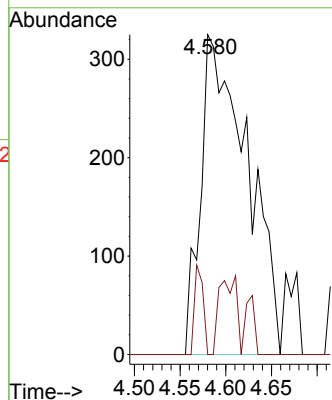
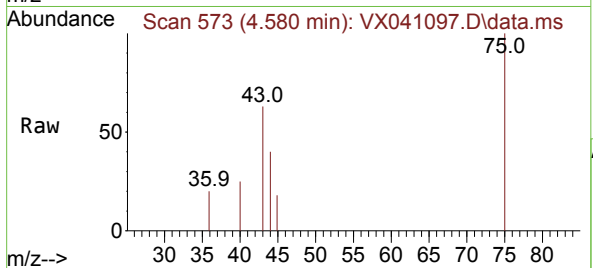




#25
2-Butanone
Concen: 0.895 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.024 min
Lab File: VX041097.D
Acq: 16 Apr 2024 11:43

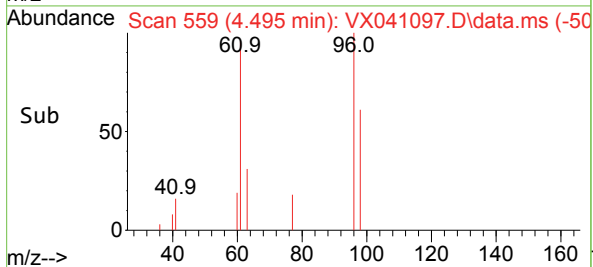
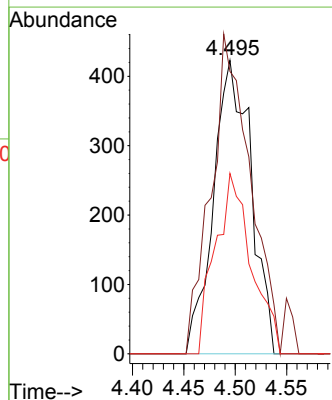
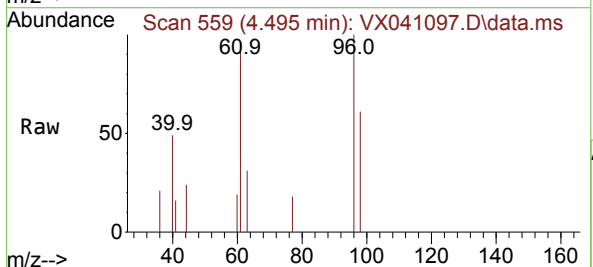
Instrument :
MSVOA_X
ClientSampleId :
IBLK

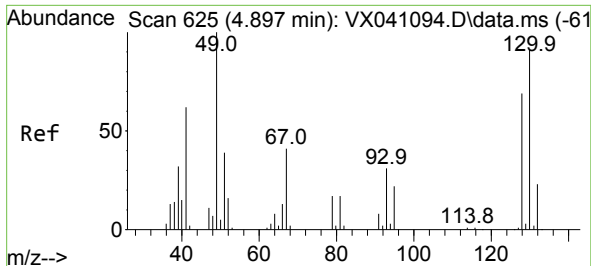
Tgt Ion: 43 Resp: 1150
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#27
cis-1,2-Dichloroethene
Concen: 0.545 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX041097.D
Acq: 16 Apr 2024 11:43

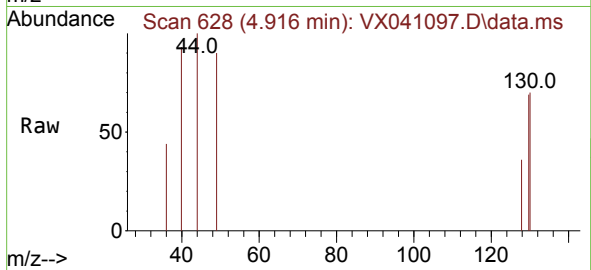
Tgt Ion: 96 Resp: 1074
Ion Ratio Lower Upper
96 100
61 113.7 0.0 312.2
98 59.0 0.0 129.0



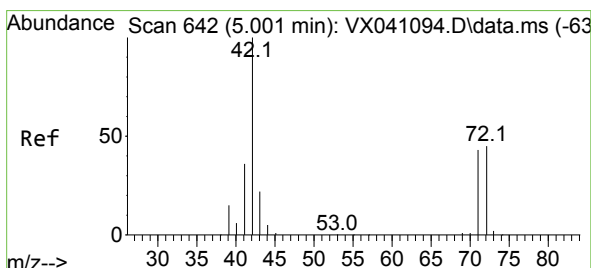
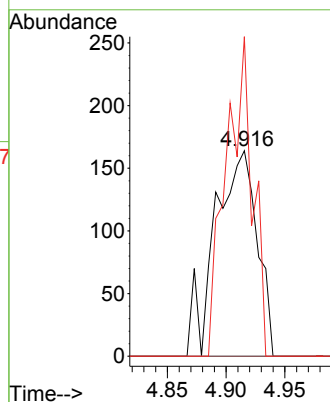
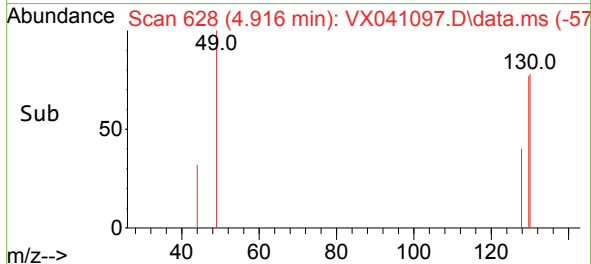


#28
Bromochloromethane
Concen: Below Cal
RT: 4.916 min Scan# 61
Delta R.T. 0.019 min
Lab File: VX041097.D
Acq: 16 Apr 2024 11:43

Instrument :
MSVOA_X
ClientSampleId :
IBLK

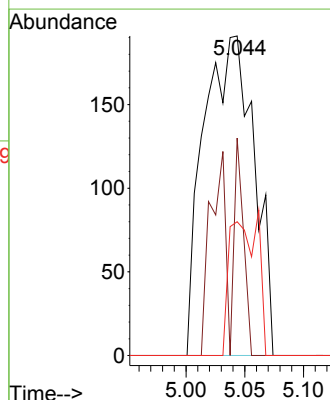
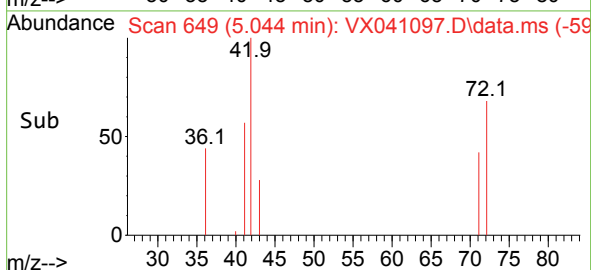
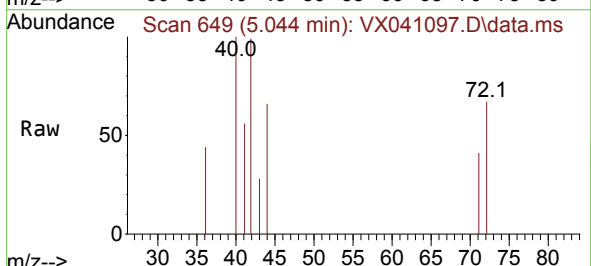


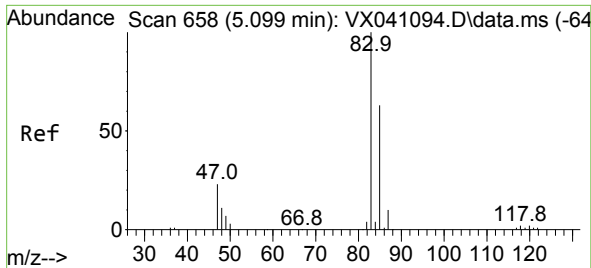
Tgt Ion: 49 Resp: 409
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 97.6 57.5 86.3#



#29
Tetrahydrofuran
Concen: 0.669 ug/l
RT: 5.044 min Scan# 649
Delta R.T. 0.042 min
Lab File: VX041097.D
Acq: 16 Apr 2024 11:43

Tgt Ion: 42 Resp: 569
Ion Ratio Lower Upper
42 100
72 12.7 34.2 51.4#
71 24.3 32.2 48.2#

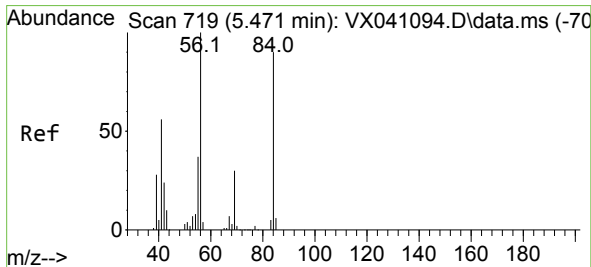
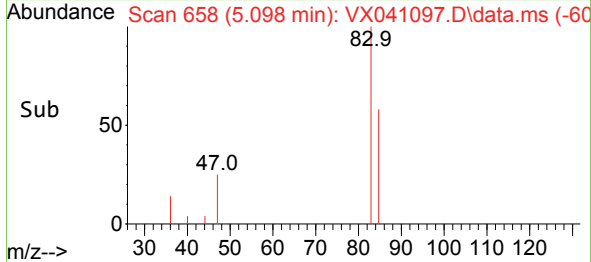
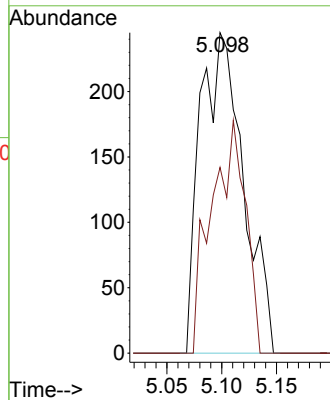
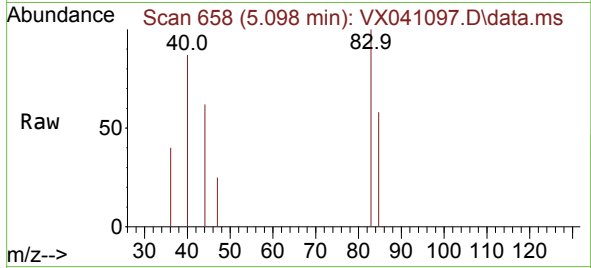




#30
Chloroform
Concen: 0.215 ug/l
RT: 5.098 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX041097.D
Acq: 16 Apr 2024 11:43

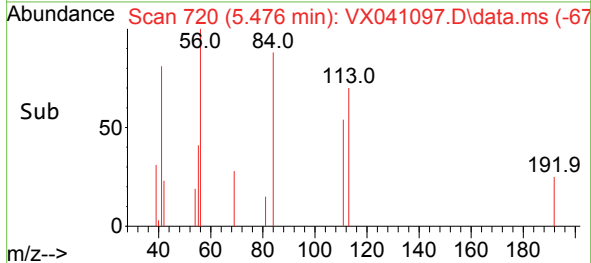
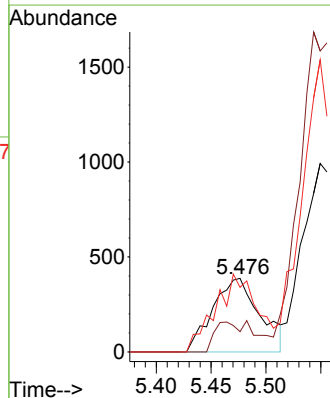
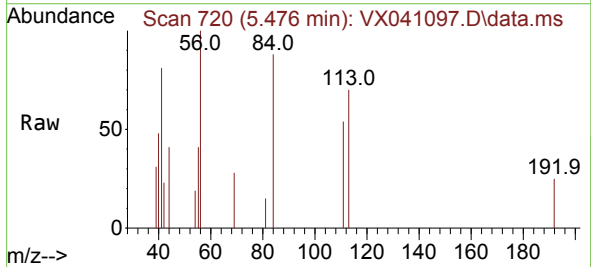
Instrument :
MSVOA_X
ClientSampleId :
IBLK

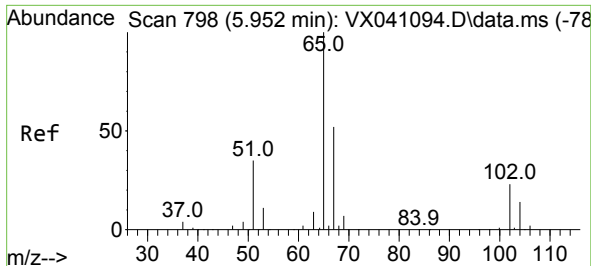
Tgt Ion: 83 Resp: 673
Ion Ratio Lower Upper
83 100
85 58.0 50.3 75.5



#31
Cyclohexane
Concen: 0.479 ug/l
RT: 5.476 min Scan# 720
Delta R.T. 0.006 min
Lab File: VX041097.D
Acq: 16 Apr 2024 11:43

Tgt Ion: 56 Resp: 1154
Ion Ratio Lower Upper
56 100
69 27.6 23.4 35.2
84 87.9 65.9 98.9





#33

1,2-Dichloroethane-d4

Concen: 48.957 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX041097.D

Acq: 16 Apr 2024 11:43

Instrument :

MSVOA_X

ClientSampleId :

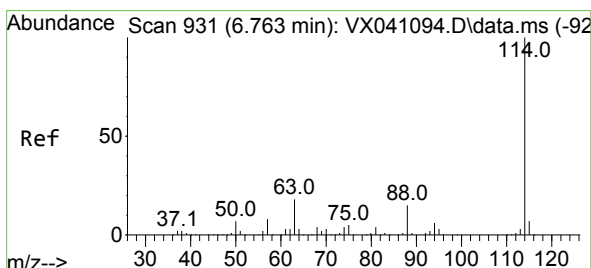
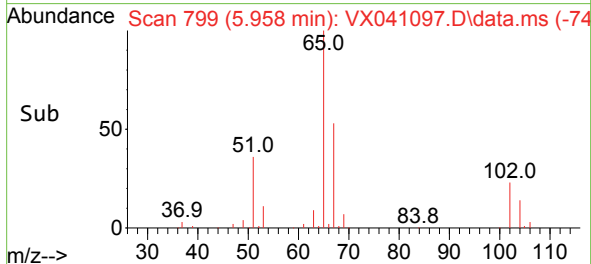
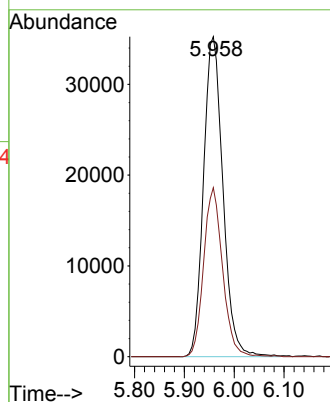
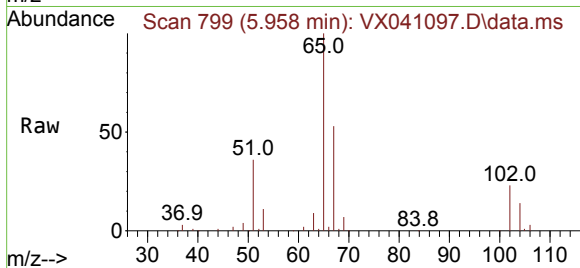
IBLK

Tgt Ion: 65 Resp: 95244

Ion Ratio Lower Upper

65 100

67 51.5 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX041097.D

Acq: 16 Apr 2024 11:43

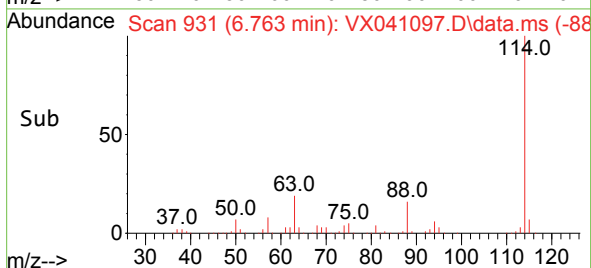
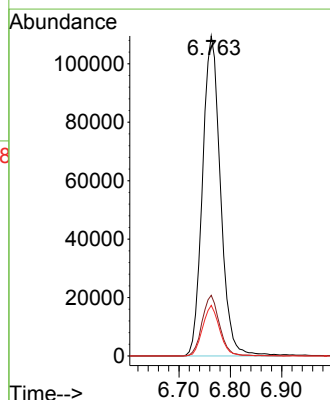
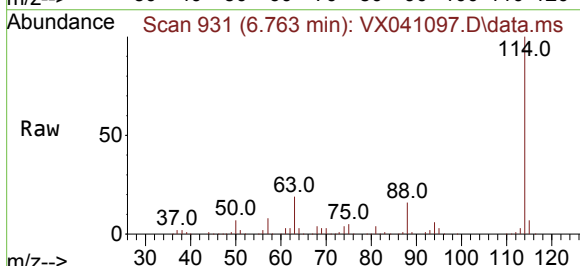
Tgt Ion: 114 Resp: 266648

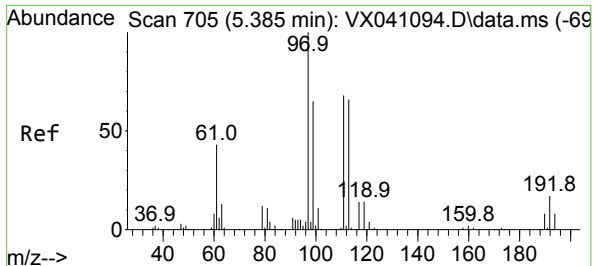
Ion Ratio Lower Upper

114 100

63 19.0 0.0 45.0

88 15.8 0.0 36.6

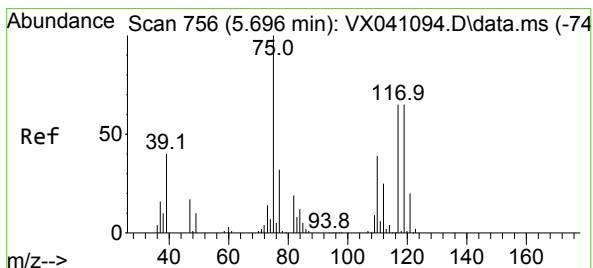
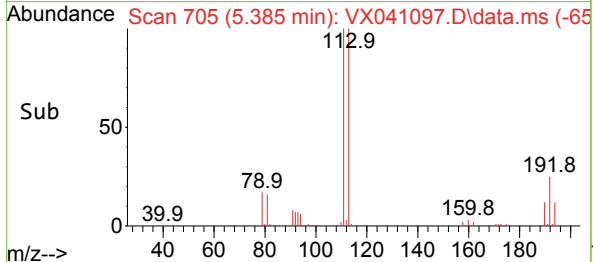
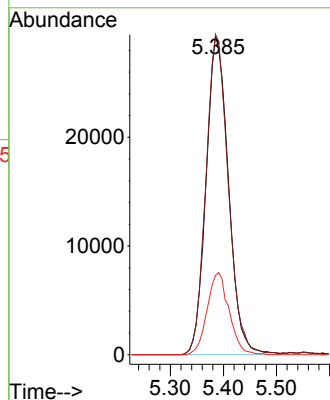
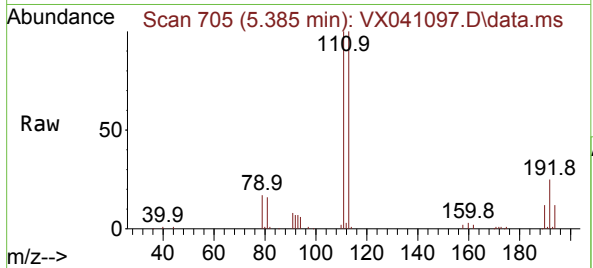




#35
Dibromofluoromethane
Concen: 48.206 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX041097.D
Acq: 16 Apr 2024 11:43

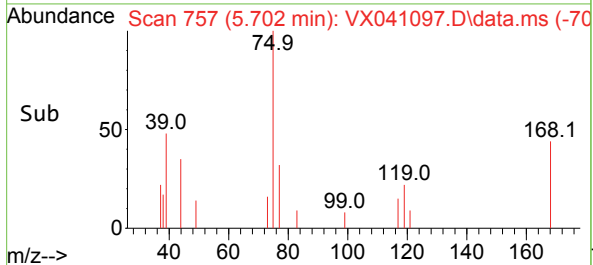
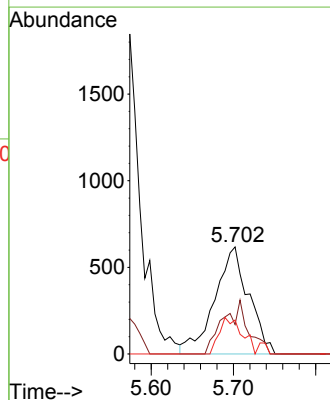
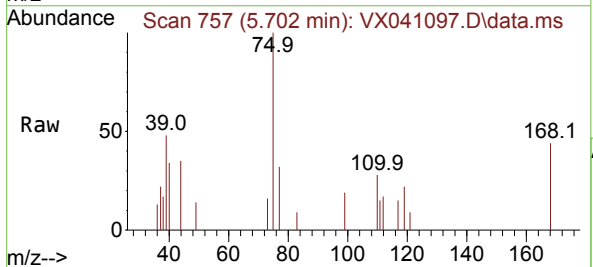
Instrument :
MSVOA_X
ClientSampleId :
IBLK

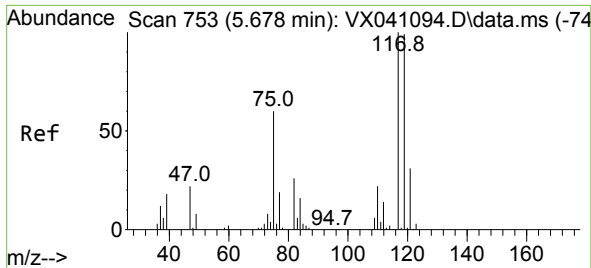
Tgt Ion:113 Resp: 85868
Ion Ratio Lower Upper
113 100
111 100.7 82.9 124.3
192 25.2 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 0.789 ug/l
RT: 5.702 min Scan# 757
Delta R.T. 0.006 min
Lab File: VX041097.D
Acq: 16 Apr 2024 11:43

Tgt Ion: 75 Resp: 1780
Ion Ratio Lower Upper
75 100
110 20.7 17.0 50.9
77 22.6 24.7 37.1#

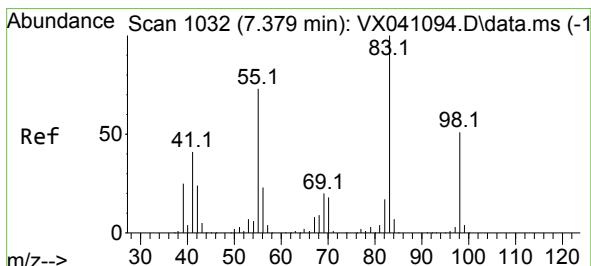
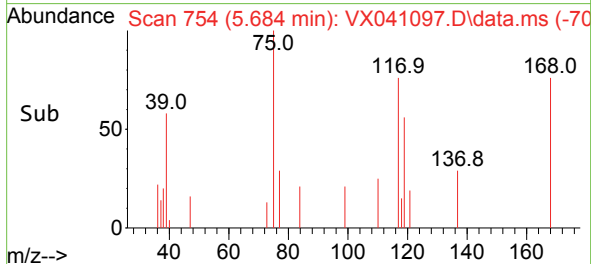
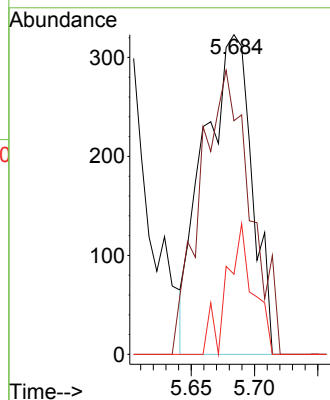
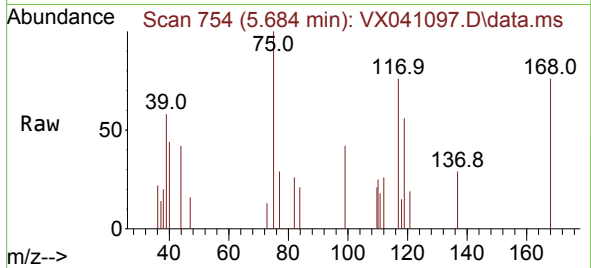




#38
Carbon Tetrachloride
Concen: 0.327 ug/l
RT: 5.684 min Scan# 753
Delta R.T. 0.006 min
Lab File: VX041097.D
Acq: 16 Apr 2024 11:43

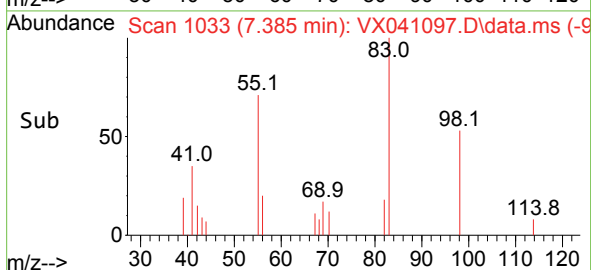
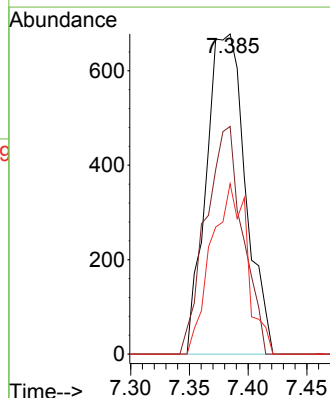
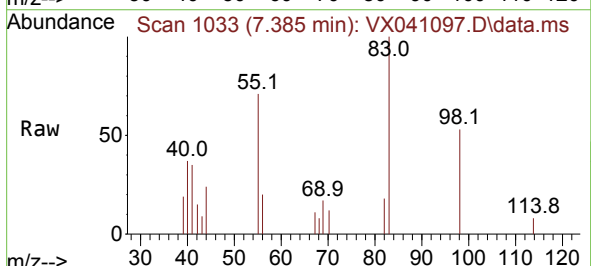
Instrument :
MSVOA_X
ClientSampleId :
IBLK

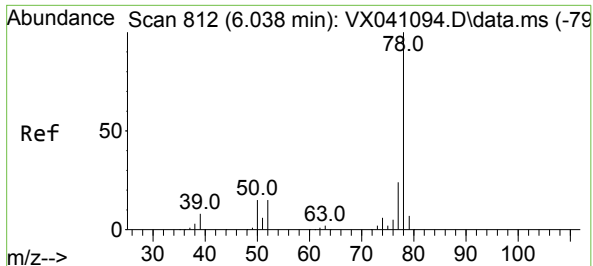
Tgt Ion:117 Resp: 856
Ion Ratio Lower Upper
117 100
119 73.1 78.2 117.2#
121 25.1 24.4 36.6



#39
Methylcyclohexane
Concen: 0.557 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.006 min
Lab File: VX041097.D
Acq: 16 Apr 2024 11:43

Tgt Ion: 83 Resp: 1577
Ion Ratio Lower Upper
83 100
55 71.1 64.6 97.0
98 53.2 36.7 55.1

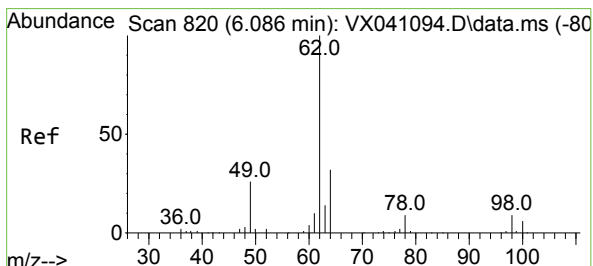
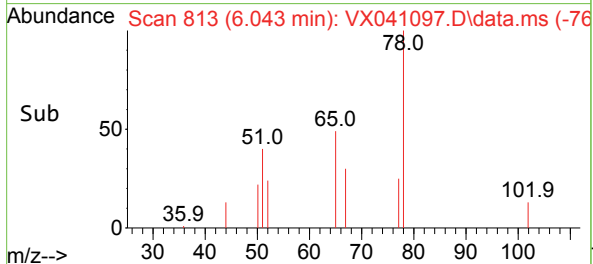
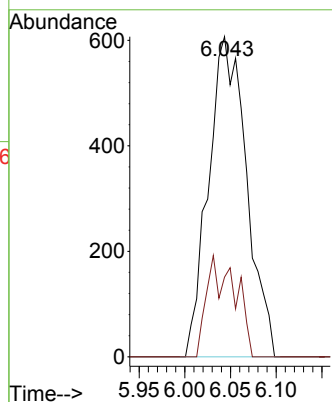
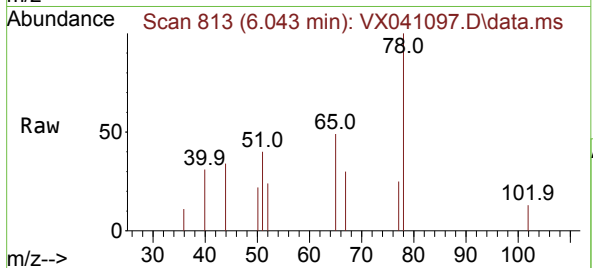




#40
Benzene
Concen: 0.254 ug/l
RT: 6.043 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX041097.D
Acq: 16 Apr 2024 11:43

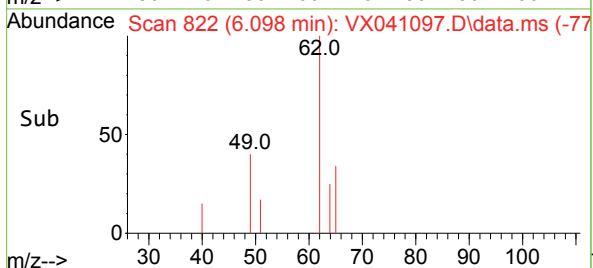
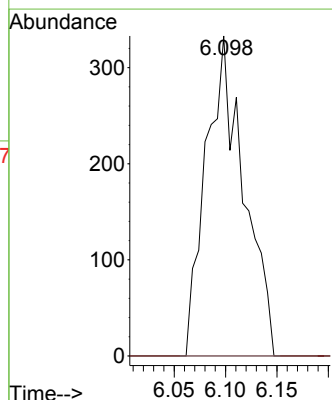
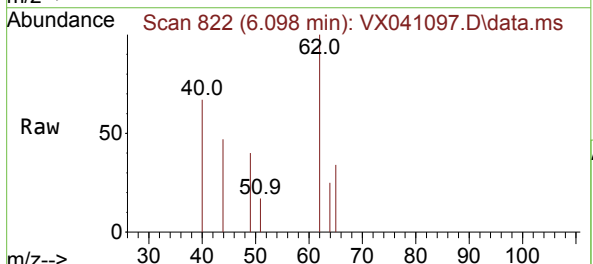
Instrument :
MSVOA_X
ClientSampleId :
IBLK

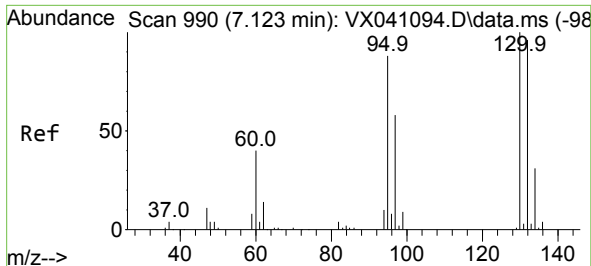
Tgt Ion: 78 Resp: 1751
Ion Ratio Lower Upper
78 100
77 24.9 19.3 28.9



#42
1,2-Dichloroethane
Concen: 0.346 ug/l
RT: 6.098 min Scan# 822
Delta R.T. 0.012 min
Lab File: VX041097.D
Acq: 16 Apr 2024 11:43

Tgt Ion: 62 Resp: 853
Ion Ratio Lower Upper
62 100
98 0.0 0.0 16.0

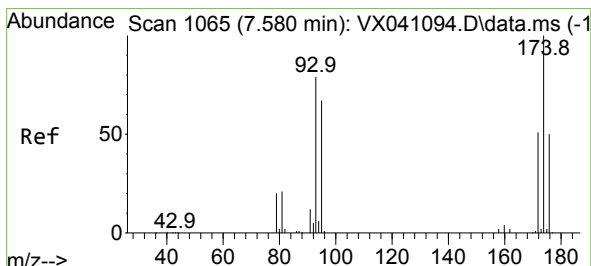
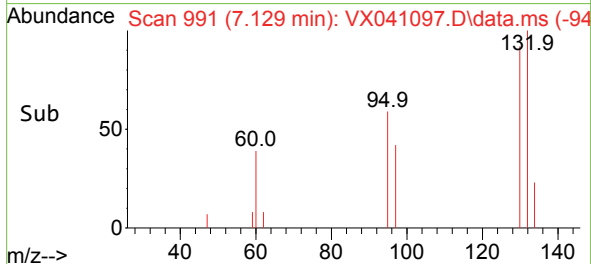
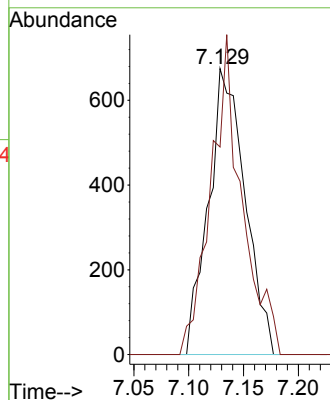
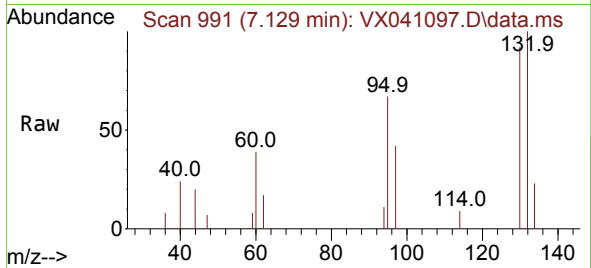




#44
Trichloroethene
Concen: 0.765 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX041097.D
Acq: 16 Apr 2024 11:43

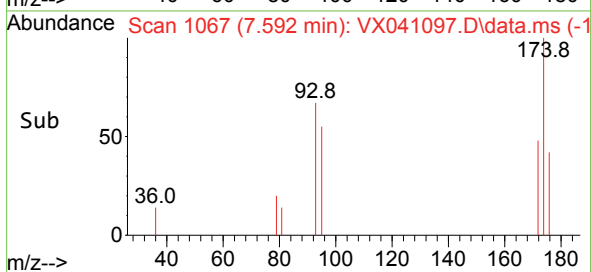
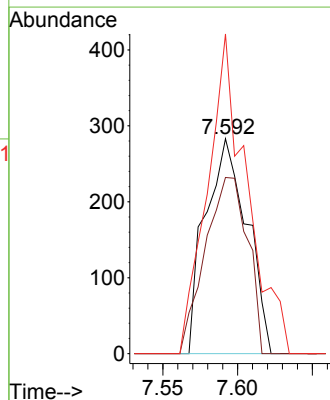
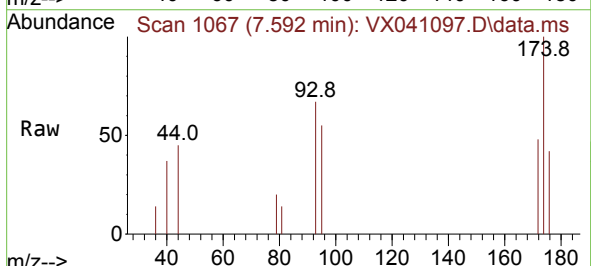
Instrument :
MSVOA_X
ClientSampleId :
IBLK

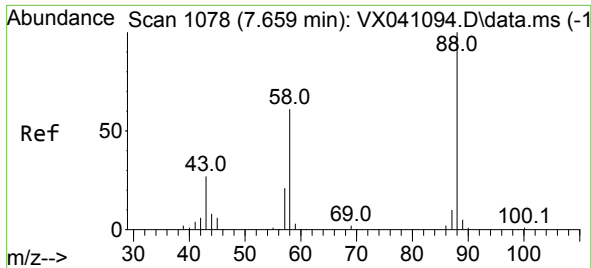
Tgt Ion:130 Resp: 1565
Ion Ratio Lower Upper
130 100
95 72.6 0.0 204.4



#46
Dibromomethane
Concen: 0.427 ug/l
RT: 7.592 min Scan# 1067
Delta R.T. 0.012 min
Lab File: VX041097.D
Acq: 16 Apr 2024 11:43

Tgt Ion: 93 Resp: 549
Ion Ratio Lower Upper
93 100
95 83.1 66.6 100.0
174 140.6 69.4 104.0#

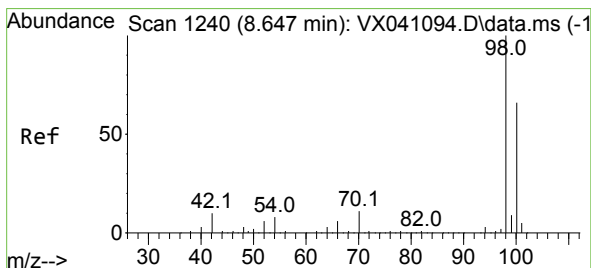
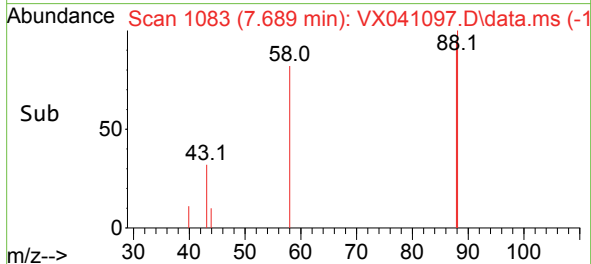
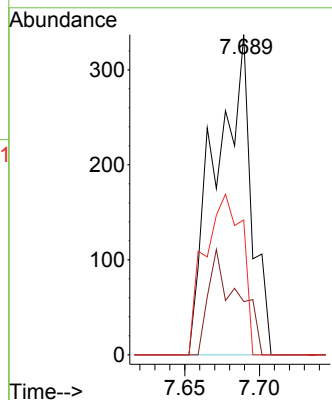
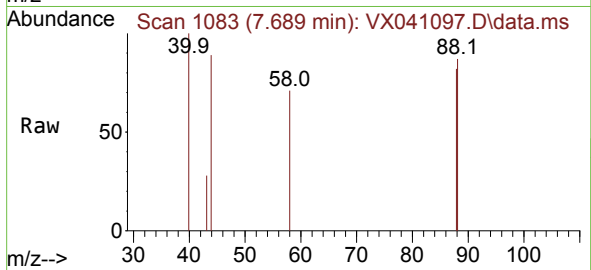




#49
1,4-Dioxane
Concen: 12.233 ug/l
RT: 7.689 min Scan# 1078
Delta R.T. 0.030 min
Lab File: VX041097.D
Acq: 16 Apr 2024 11:43

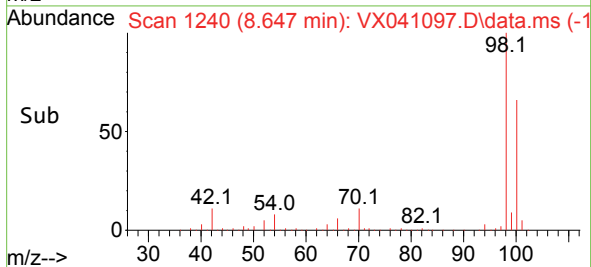
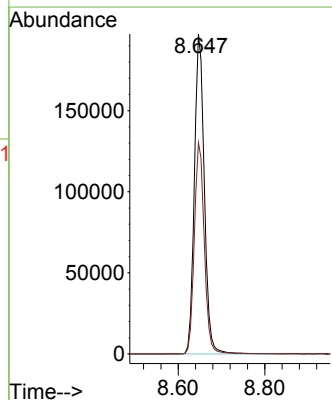
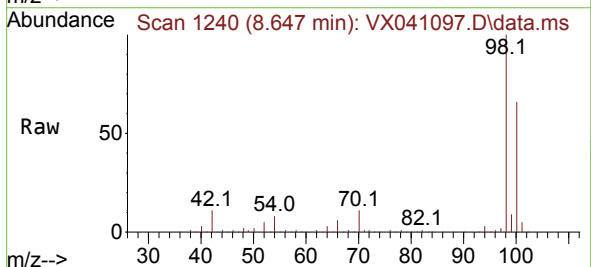
Instrument :
MSVOA_X
ClientSampleId :
IBLK

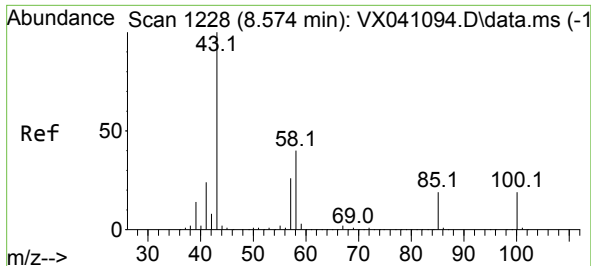
Tgt Ion: 88 Resp: 558
Ion Ratio Lower Upper
88 100
43 27.1 0.0 0.0#
58 52.9 60.1 90.1#



#50
Toluene-d8
Concen: 50.373 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX041097.D
Acq: 16 Apr 2024 11:43

Tgt Ion: 98 Resp: 314287
Ion Ratio Lower Upper
98 100
100 66.1 53.1 79.7

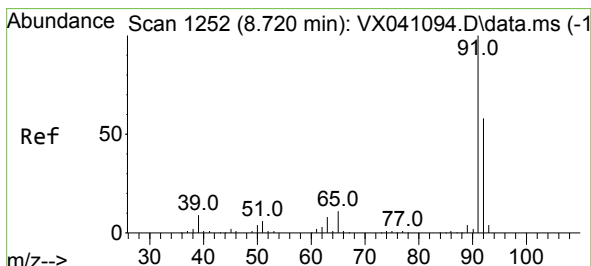
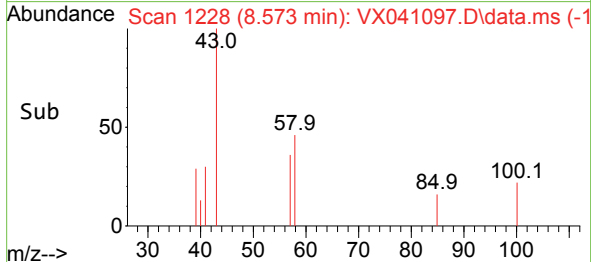
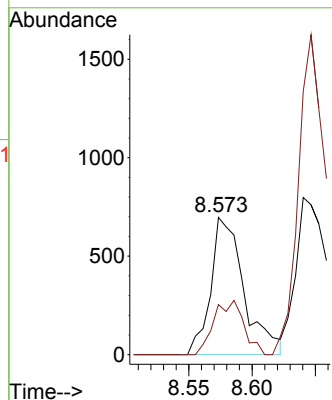
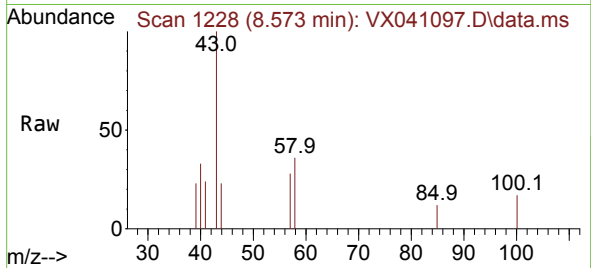




#51
4-Methyl-2-Pentanone
Concen: 0.469 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX041097.D
Acq: 16 Apr 2024 11:43

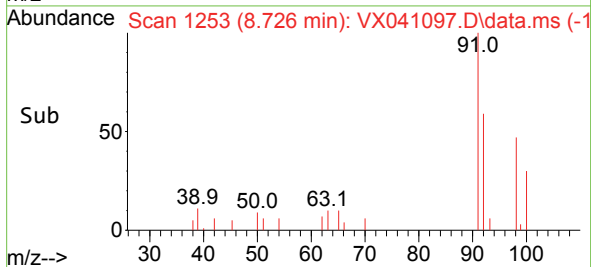
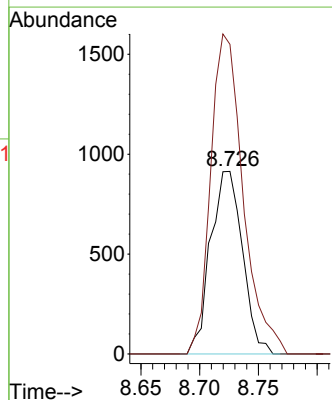
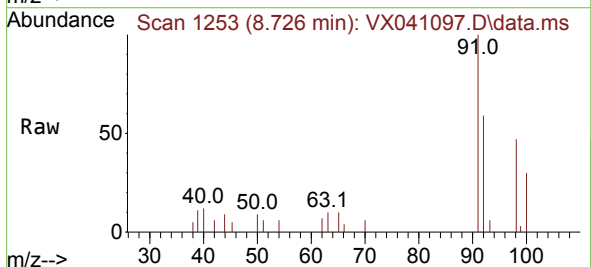
Instrument :
MSVOA_X
ClientSampleId :
IBLK

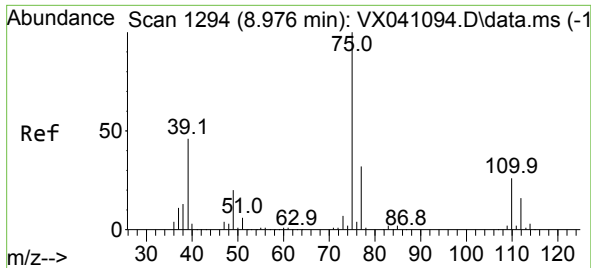
Tgt Ion: 43 Resp: 1275
Ion Ratio Lower Upper
43 100
58 35.5 30.4 45.6



#52
Toluene
Concen: 0.385 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX041097.D
Acq: 16 Apr 2024 11:43

Tgt Ion: 92 Resp: 1729
Ion Ratio Lower Upper
92 100
91 177.9 134.2 201.2

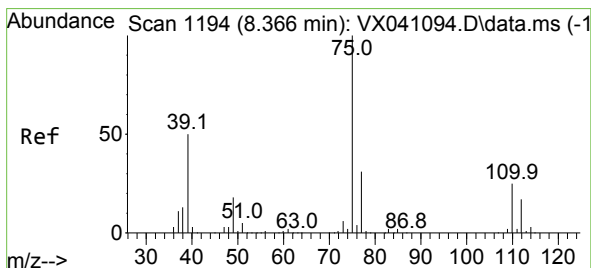
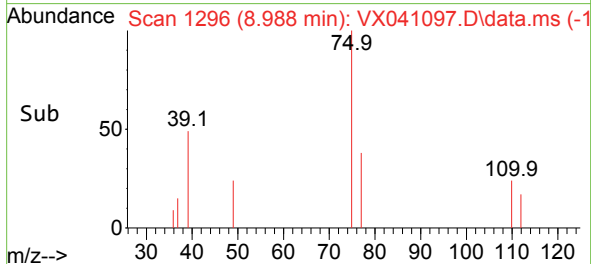
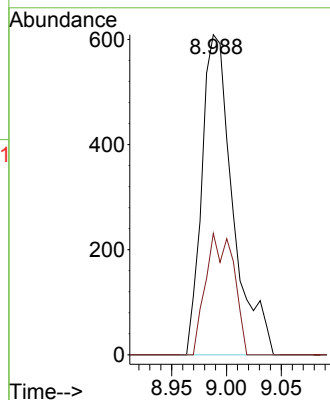
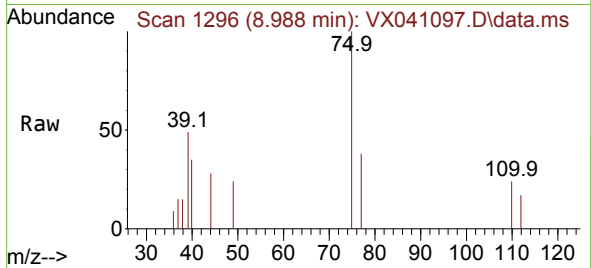




#53
 t-1,3-Dichloropropene
 Concen: 0.498 ug/l
 RT: 8.988 min Scan# 1195
 Delta R.T. 0.012 min
 Lab File: VX041097.D
 Acq: 16 Apr 2024 11:43

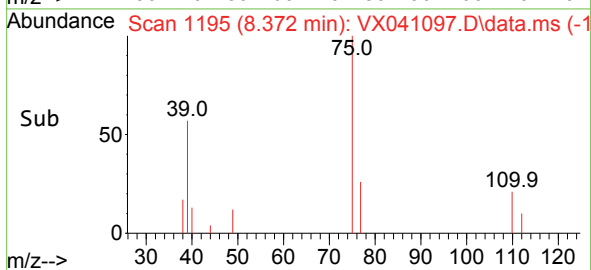
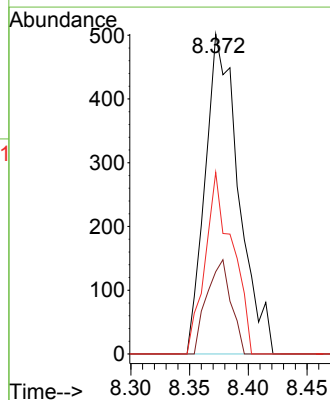
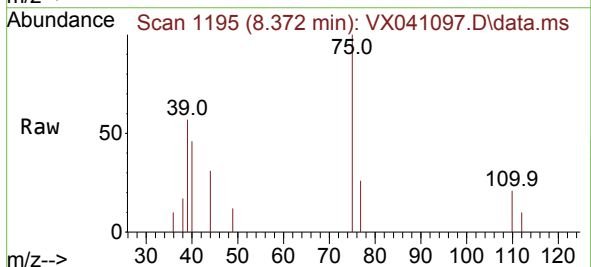
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

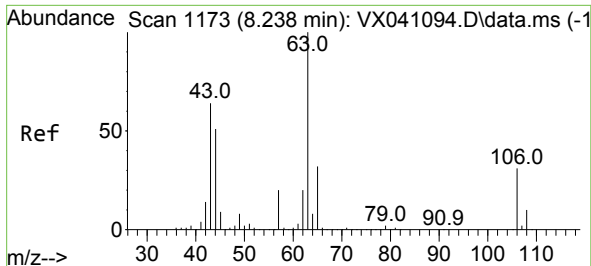
Tgt Ion: 75 Resp: 1195
 Ion Ratio Lower Upper
 75 100
 77 37.9 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 0.377 ug/l
 RT: 8.372 min Scan# 1195
 Delta R.T. 0.006 min
 Lab File: VX041097.D
 Acq: 16 Apr 2024 11:43

Tgt Ion: 75 Resp: 995
 Ion Ratio Lower Upper
 75 100
 77 25.7 25.3 37.9
 39 56.8 46.7 70.1





#58

2-Chloroethyl Vinyl ether

Concen: 0.653 ug/l

RT: 8.256 min Scan# 1176

Delta R.T. 0.018 min

Lab File: VX041097.D

Acq: 16 Apr 2024 11:43

Instrument :

MSVOA_X

ClientSampleId :

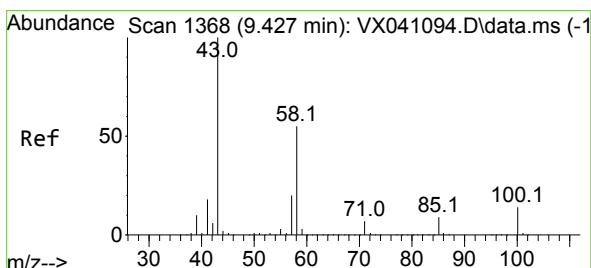
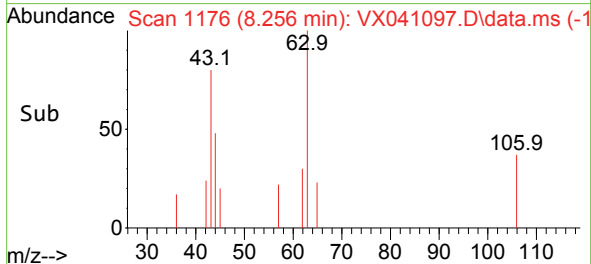
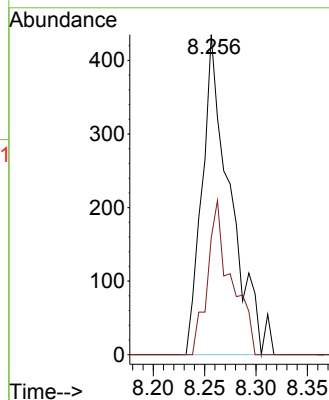
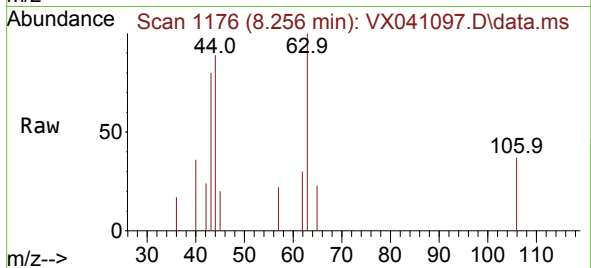
IBLK

Tgt Ion: 63 Resp: 828

Ion Ratio Lower Upper

63 100

106 40.7 22.5 33.7#



#59

2-Hexanone

Concen: 0.891 ug/l

RT: 9.445 min Scan# 1371

Delta R.T. 0.018 min

Lab File: VX041097.D

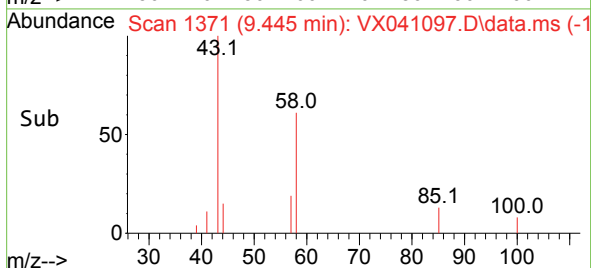
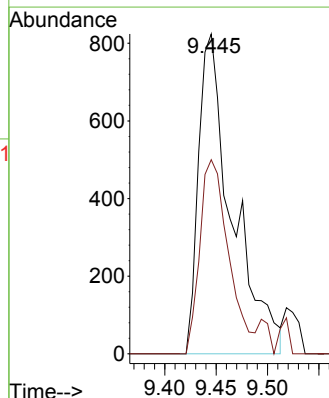
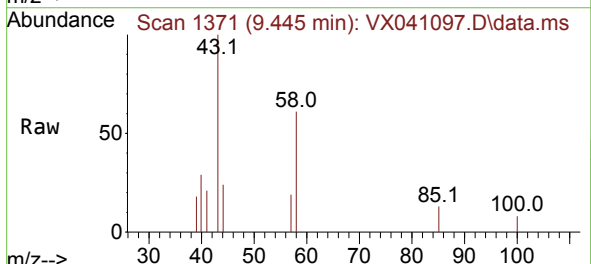
Acq: 16 Apr 2024 11:43

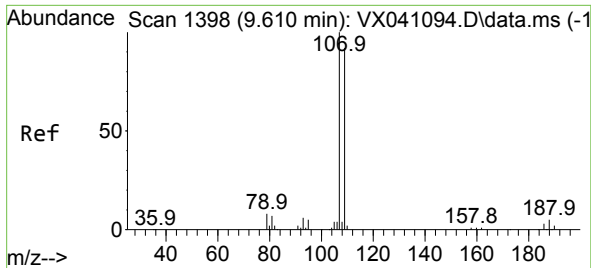
Tgt Ion: 43 Resp: 1872

Ion Ratio Lower Upper

43 100

58 52.4 26.2 78.5

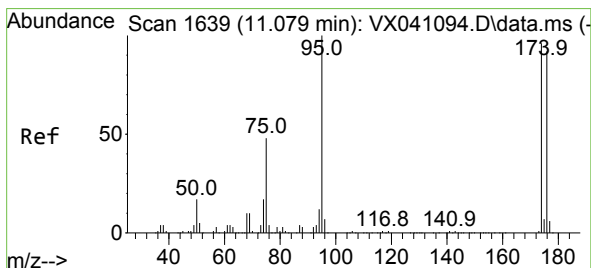
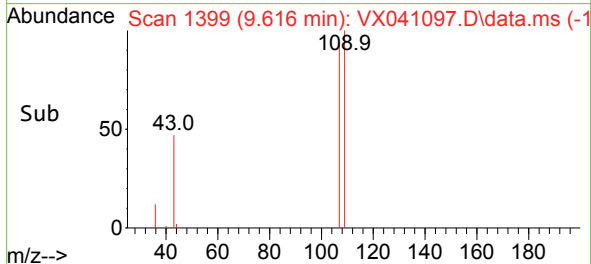
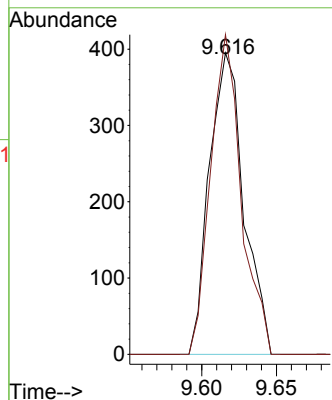
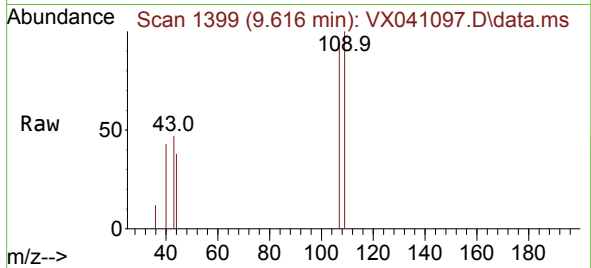




#61
1,2-Dibromoethane
Concen: 0.321 ug/l
RT: 9.616 min Scan# 1399
Delta R.T. 0.006 min
Lab File: VX041097.D
Acq: 16 Apr 2024 11:43

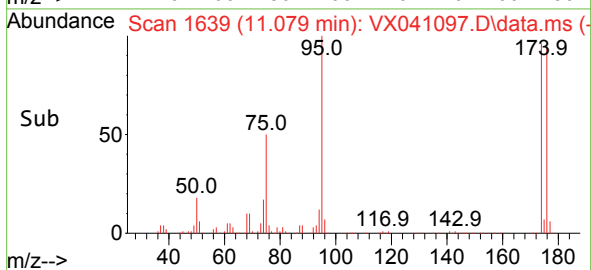
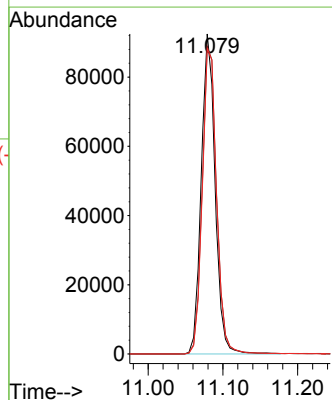
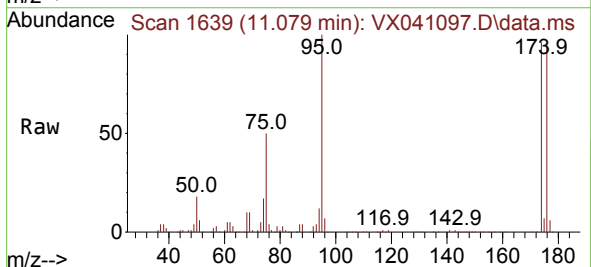
Instrument :
MSVOA_X
ClientSampleId :
IBLK

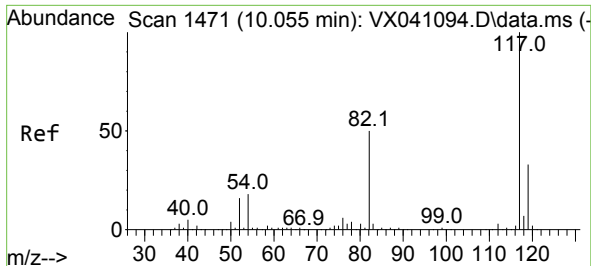
Tgt Ion:107 Resp: 632
Ion Ratio Lower Upper
107 100
109 94.6 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 50.263 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX041097.D
Acq: 16 Apr 2024 11:43

Tgt Ion: 95 Resp: 119046
Ion Ratio Lower Upper
95 100
174 99.6 0.0 135.6
176 97.9 0.0 131.0

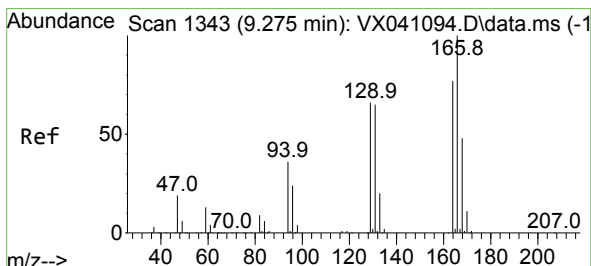
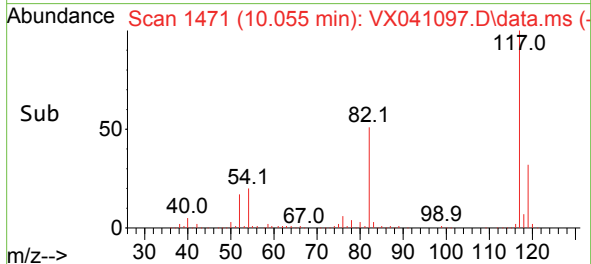
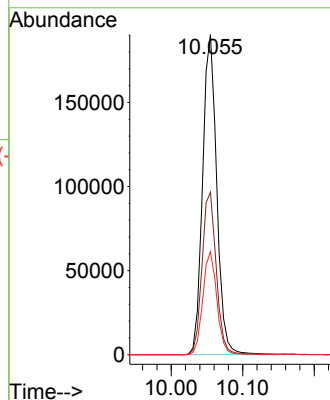
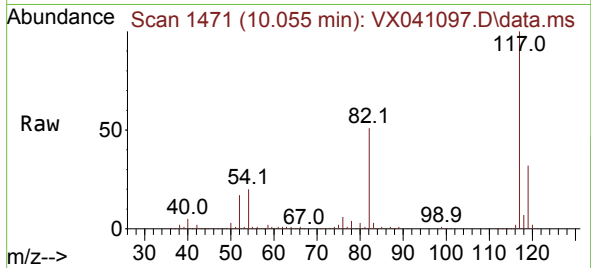




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX041097.D
Acq: 16 Apr 2024 11:43

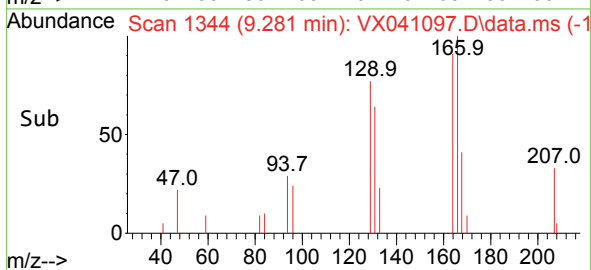
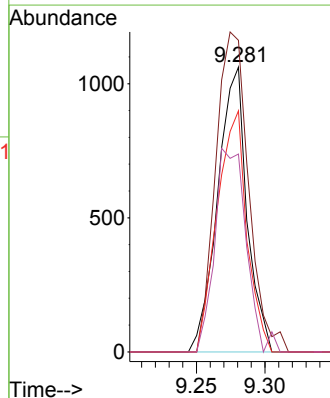
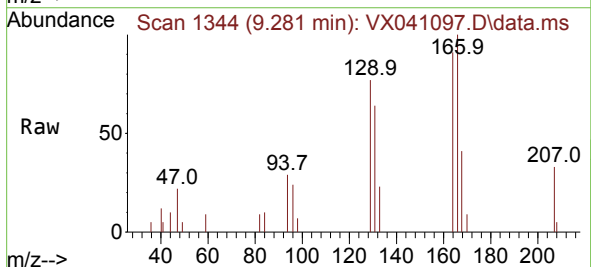
Instrument :
MSVOA_X
ClientSampleId :
IBLK

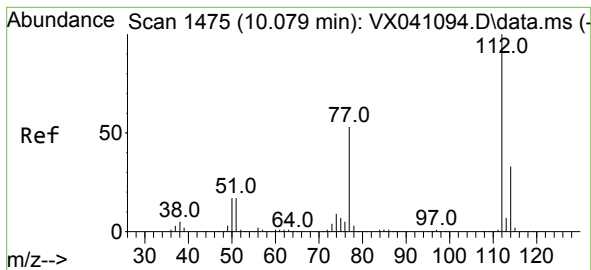
Tgt Ion:117 Resp: 261623
Ion Ratio Lower Upper
117 100
82 50.8 46.2 69.4
119 32.2 25.5 38.3



#64
Tetrachloroethene
Concen: 0.760 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX041097.D
Acq: 16 Apr 2024 11:43

Tgt Ion:164 Resp: 1581
Ion Ratio Lower Upper
164 100
166 109.4 102.7 154.1
129 84.7 80.4 120.6
131 69.5 76.5 114.7#

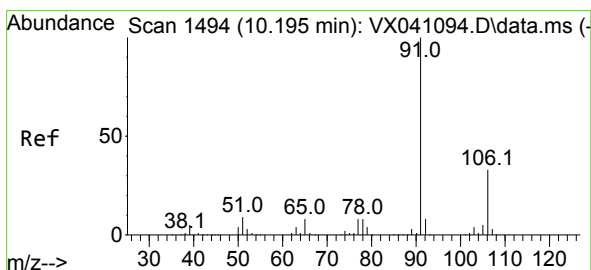
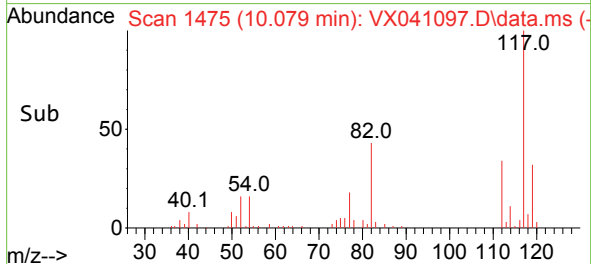
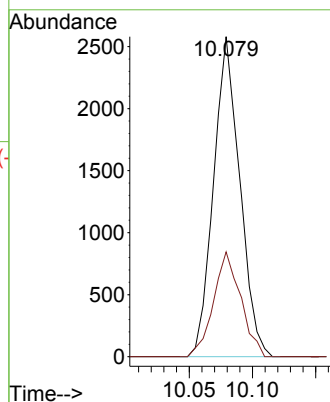
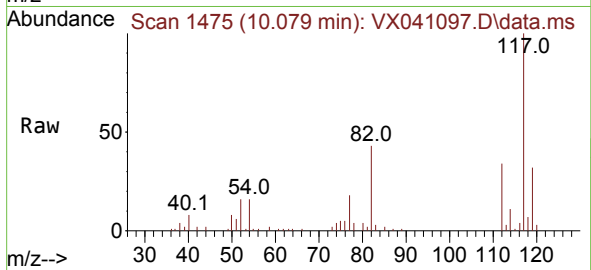




#65
Chlorobenzene
Concen: 0.644 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX041097.D
Acq: 16 Apr 2024 11:43

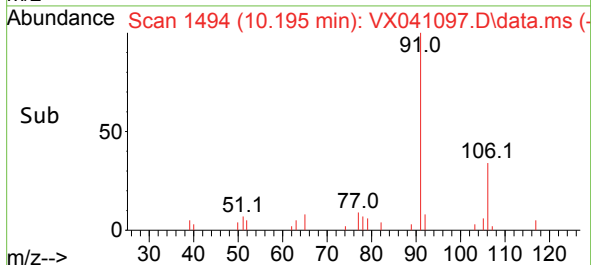
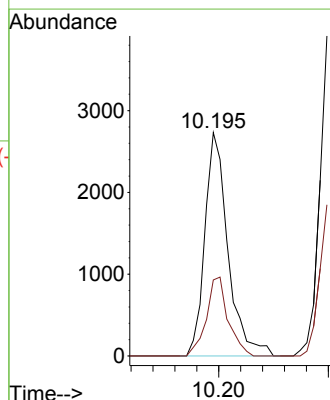
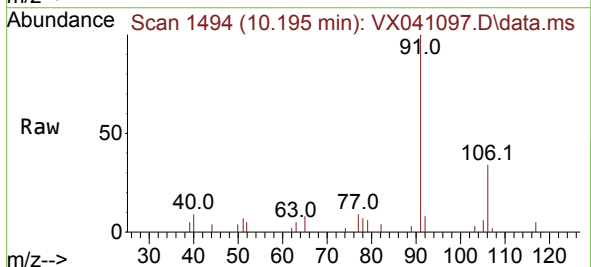
Instrument :
MSVOA_X
ClientSampleId :
IBLK

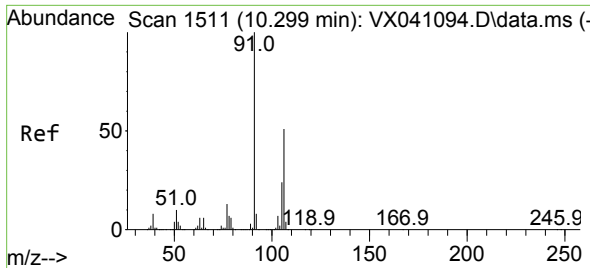
Tgt Ion:112 Resp: 3720
Ion Ratio Lower Upper
112 100
114 32.8 25.7 38.5



#67
Ethyl Benzene
Concen: 0.443 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX041097.D
Acq: 16 Apr 2024 11:43

Tgt Ion: 91 Resp: 3995
Ion Ratio Lower Upper
91 100
106 34.0 24.9 37.3

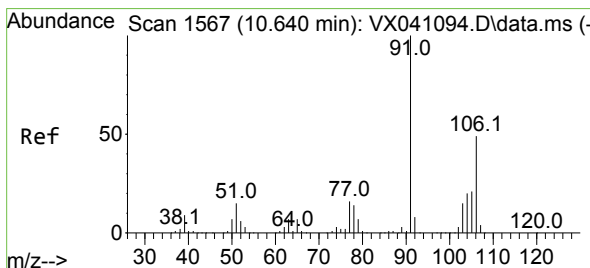
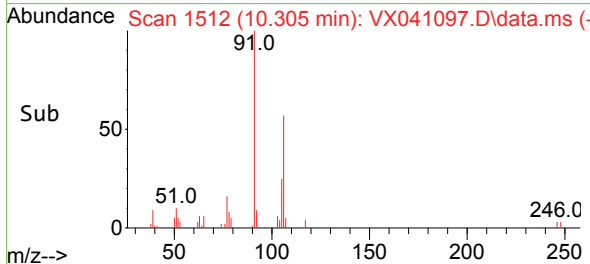
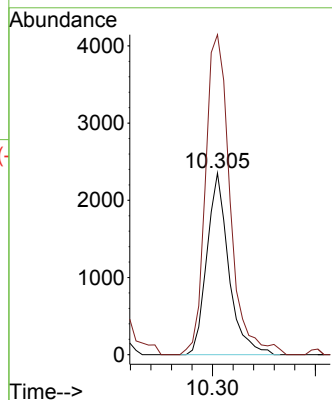
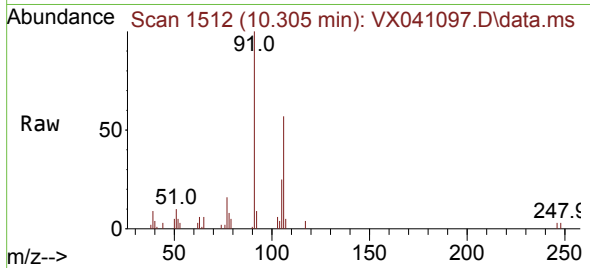




#68
m/p-Xylenes
Concen: 0.969 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX041097.D
Acq: 16 Apr 2024 11:43

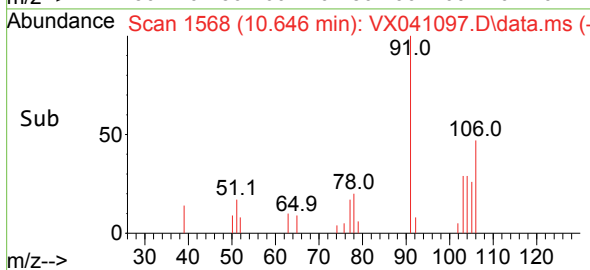
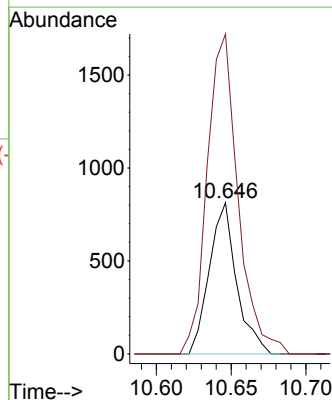
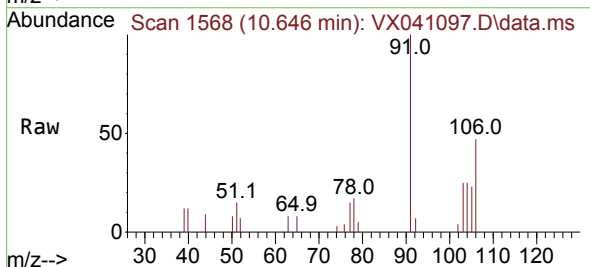
Instrument :
MSVOA_X
ClientSampleId :
IBLK

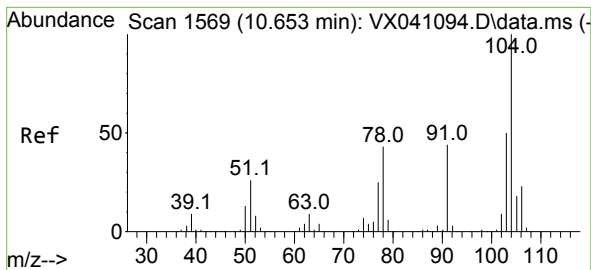
Tgt Ion:106 Resp: 3474
Ion Ratio Lower Upper
106 100
91 198.2 165.5 248.3



#69
o-Xylene
Concen: 0.295 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX041097.D
Acq: 16 Apr 2024 11:43

Tgt Ion:106 Resp: 1031
Ion Ratio Lower Upper
106 100
91 239.5 108.9 326.8





#70

Styrene

Concen: 0.501 ug/l

RT: 10.658 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX041097.D

Acq: 16 Apr 2024 11:43

Instrument :

MSVOA_X

ClientSampleId :

IBLK

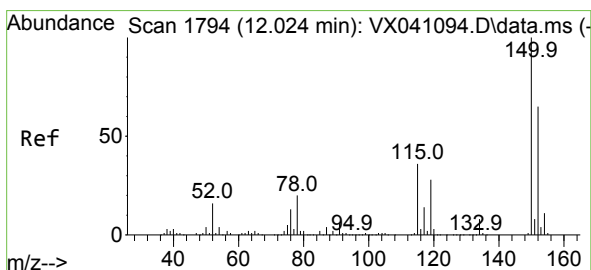
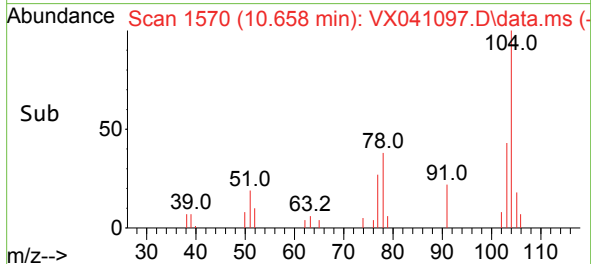
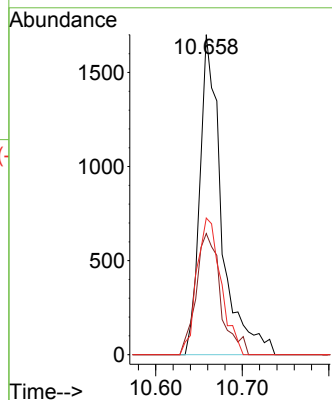
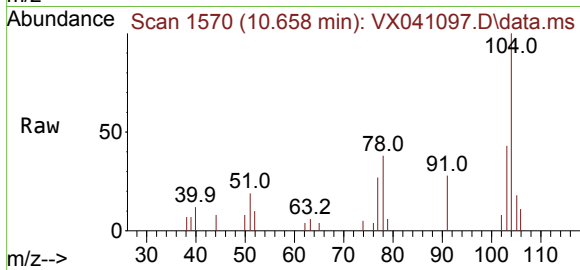
Tgt Ion:104 Resp: 2970

Ion Ratio Lower Upper

104 100

78 42.5 43.6 65.4#

103 47.2 43.6 65.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX041097.D

Acq: 16 Apr 2024 11:43

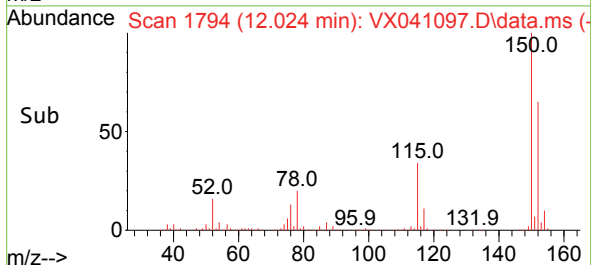
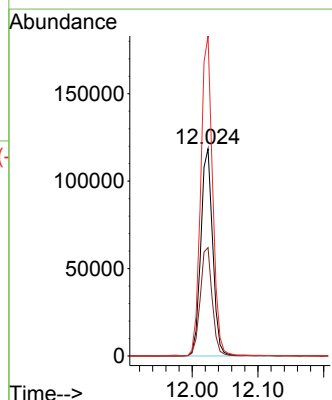
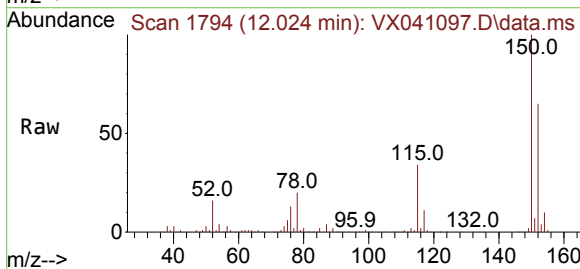
Tgt Ion:152 Resp: 149137

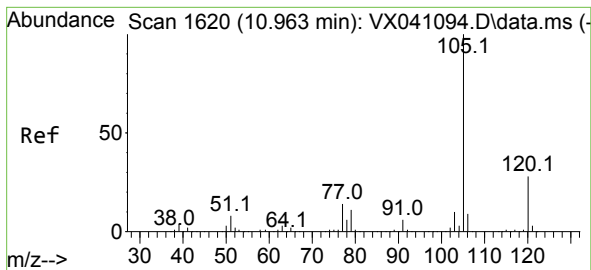
Ion Ratio Lower Upper

152 100

115 52.8 43.3 129.9

150 153.6 0.0 345.0





#73

Isopropylbenzene

Concen: 0.433 ug/l

RT: 10.963 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX041097.D

Acq: 16 Apr 2024 11:43

Instrument :

MSVOA_X

ClientSampleId :

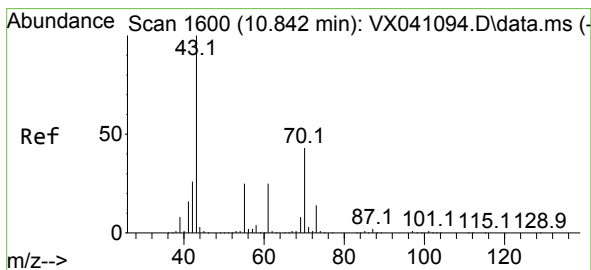
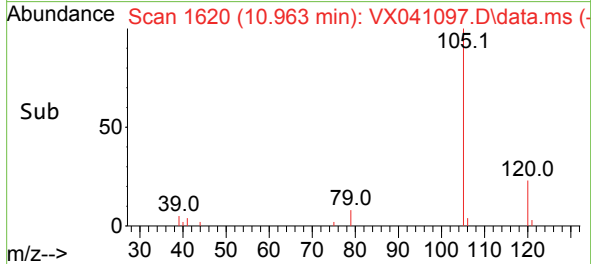
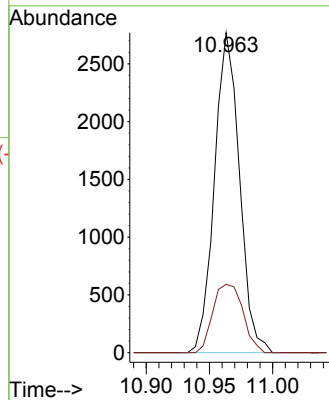
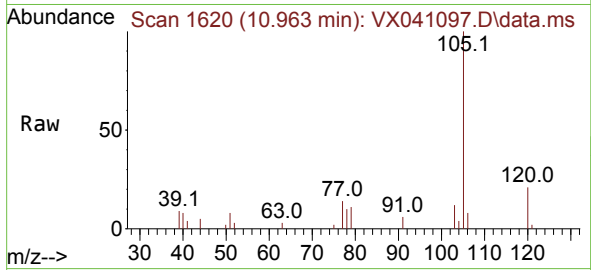
IBLK

Tgt Ion:105 Resp: 3805

Ion Ratio Lower Upper

105 100

120 25.7 12.9 38.6



#74

N-ethyl acetate

Concen: 0.211 ug/l

RT: 10.847 min Scan# 1601

Delta R.T. 0.006 min

Lab File: VX041097.D

Acq: 16 Apr 2024 11:43

Tgt Ion: 43 Resp: 735

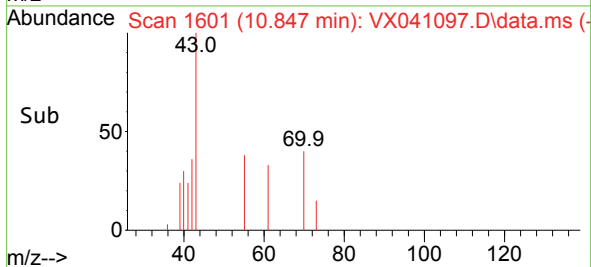
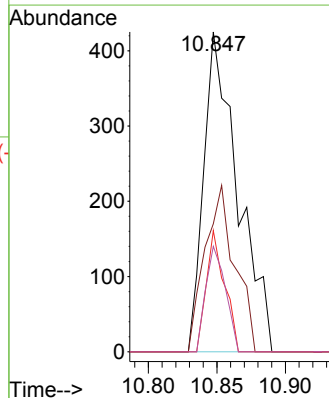
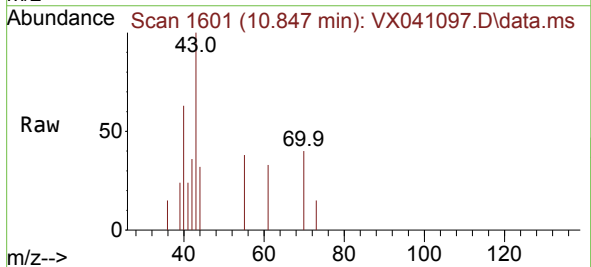
Ion Ratio Lower Upper

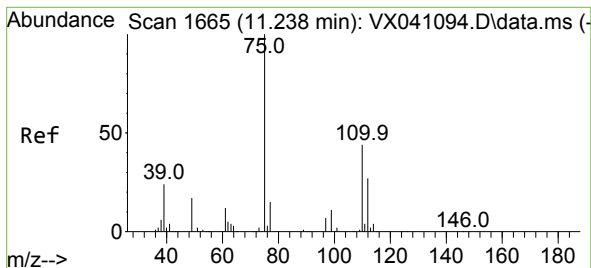
43 100

70 45.9 32.9 49.3

55 20.3 19.3 28.9

61 0.0 18.8 28.2#





#76

1,2,3-Trichloropropane

Concen: 23.970 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX041097.D

Acq: 16 Apr 2024 11:43

Instrument :

MSVOA_X

ClientSampleId :

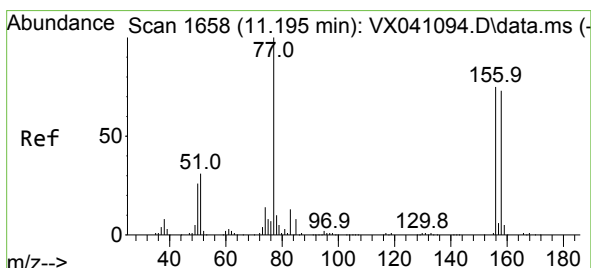
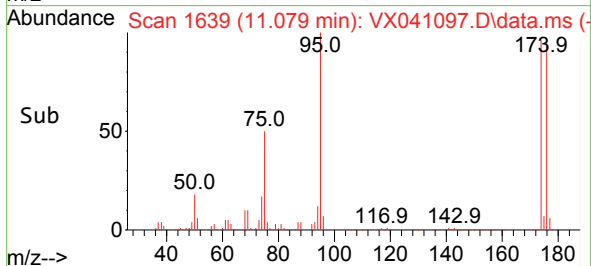
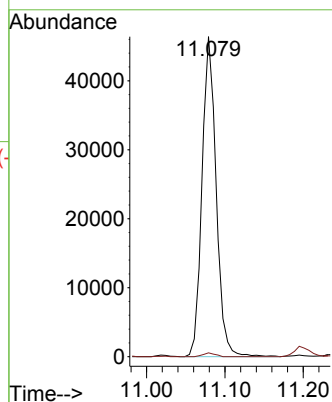
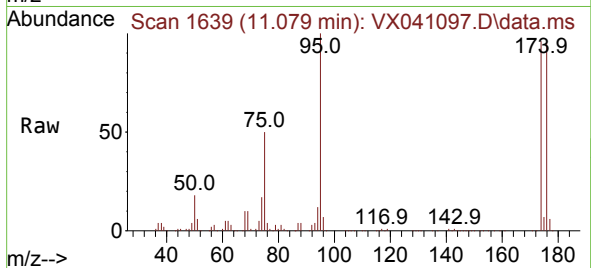
IBLK

Tgt Ion: 75 Resp: 58255

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#77

Bromobenzene

Concen: 0.619 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX041097.D

Acq: 16 Apr 2024 11:43

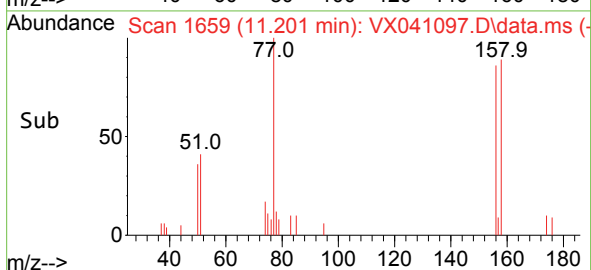
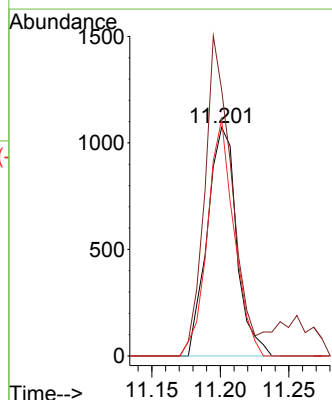
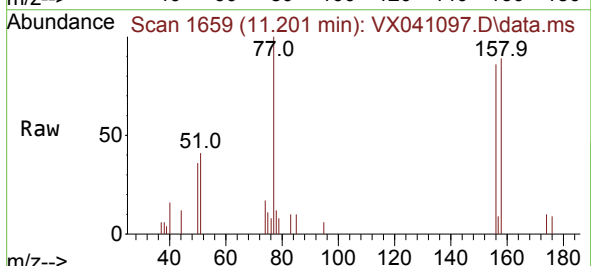
Tgt Ion:156 Resp: 1599

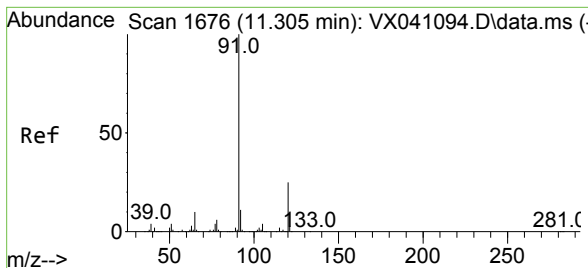
Ion Ratio Lower Upper

156 100

77 133.4 88.4 265.3

158 94.3 48.0 144.0





#78

n-propylbenzene

Concen: 0.674 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX041097.D

Acq: 16 Apr 2024 11:43

Instrument :

MSVOA_X

ClientSampleId :

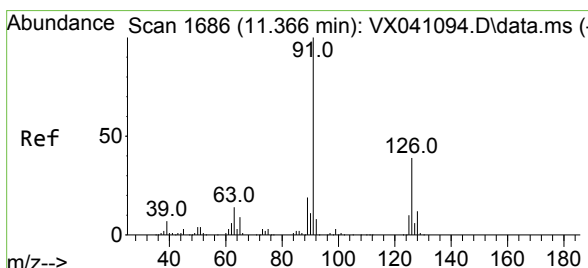
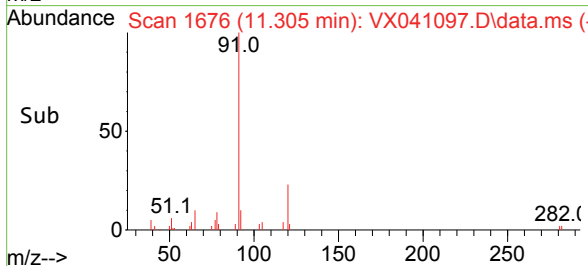
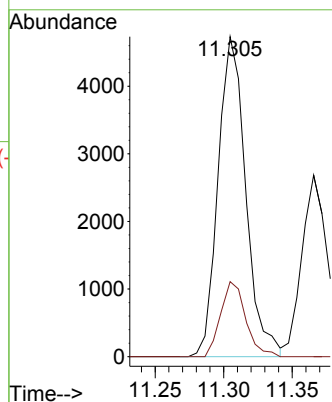
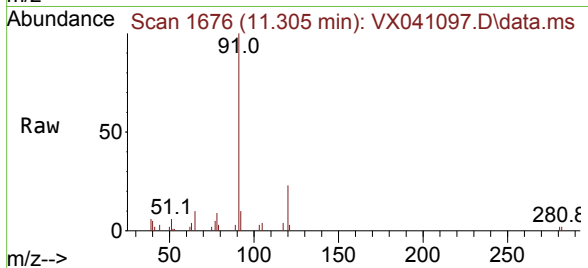
IBLK

Tgt Ion: 91 Resp: 6645

Ion Ratio Lower Upper

91 100

120 21.3 11.5 34.4



#79

2-Chlorotoluene

Concen: 0.620 ug/l

RT: 11.366 min Scan# 1686

Delta R.T. -0.000 min

Lab File: VX041097.D

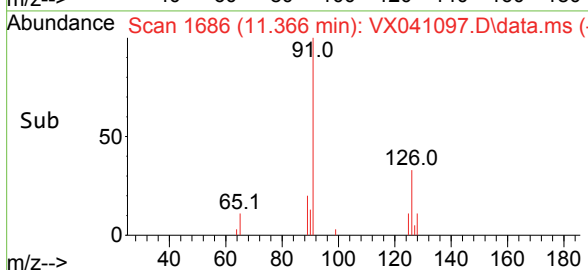
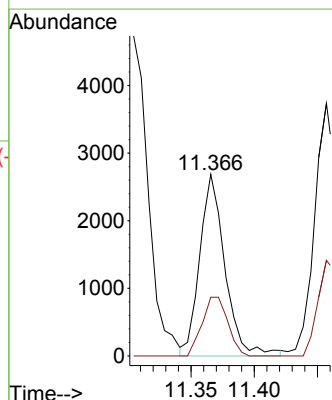
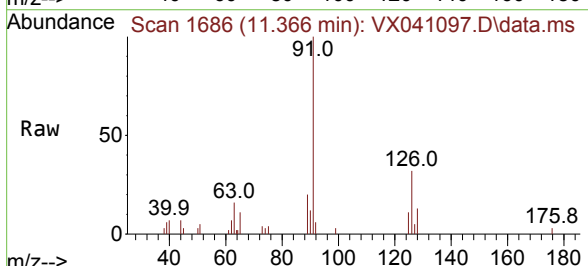
Acq: 16 Apr 2024 11:43

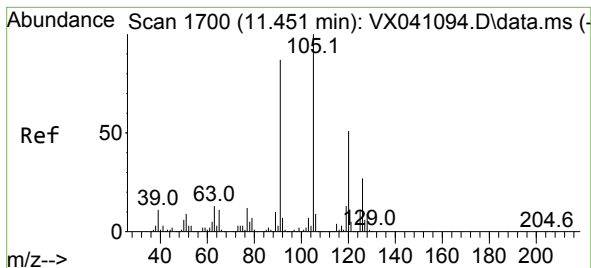
Tgt Ion: 91 Resp: 3729

Ion Ratio Lower Upper

91 100

126 32.9 16.3 48.8





#80

1,3,5-Trimethylbenzene

Concen: 0.498 ug/l

RT: 11.451 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX041097.D

Acq: 16 Apr 2024 11:43

Instrument :

MSVOA_X

ClientSampleId :

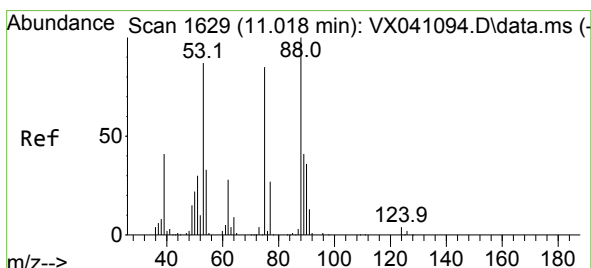
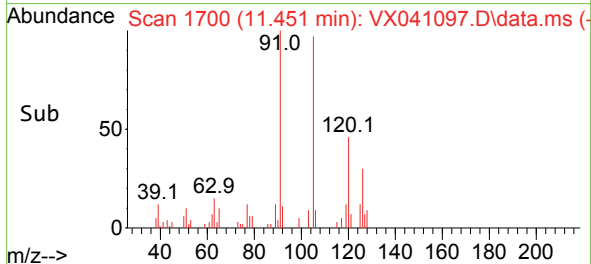
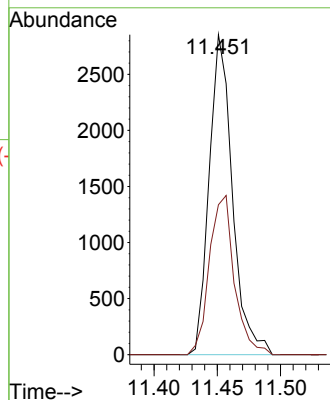
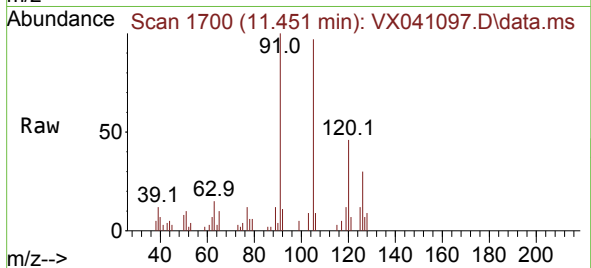
IBLK

Tgt Ion:105 Resp: 3647

Ion Ratio Lower Upper

105 100

120 53.5 24.1 72.3



#81

trans-1,4-Dichloro-2-butene

Concen: 61.362 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX041097.D

Acq: 16 Apr 2024 11:43

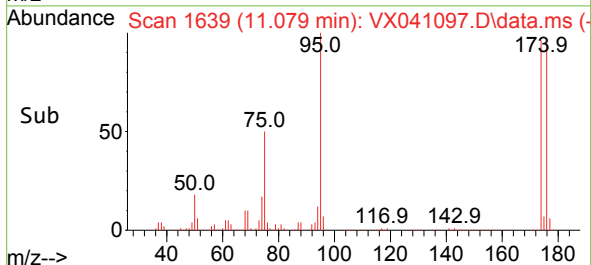
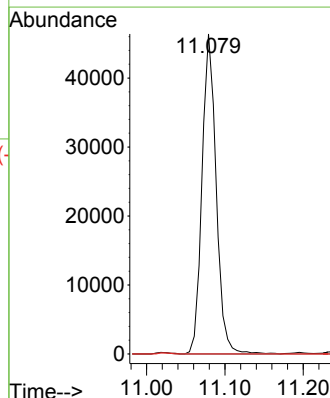
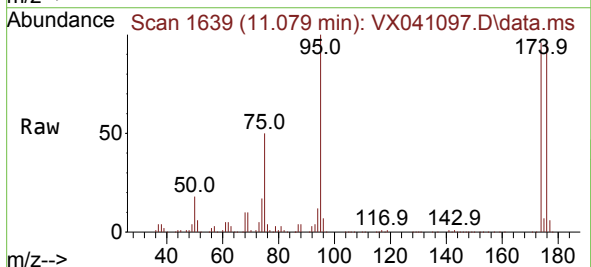
Tgt Ion: 75 Resp: 58255

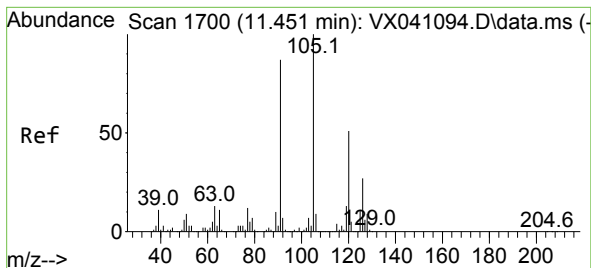
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#





#82

4-Chlorotoluene

Concen: 0.797 ug/l

RT: 11.457 min Scan# 1700

Delta R.T. 0.006 min

Lab File: VX041097.D

Acq: 16 Apr 2024 11:43

Instrument :

MSVOA_X

ClientSampleId :

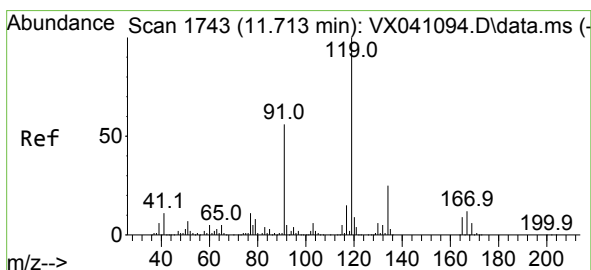
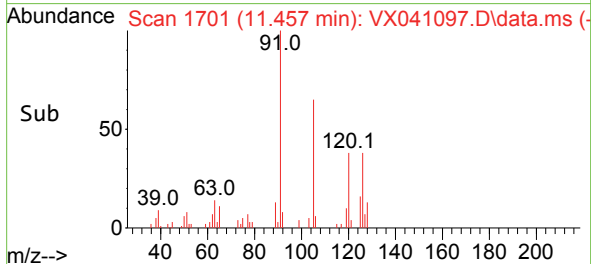
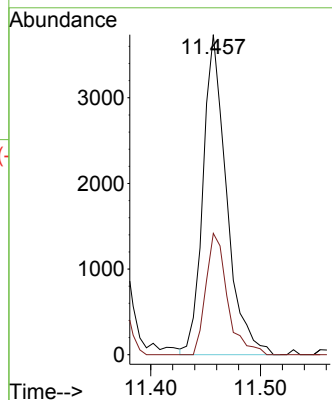
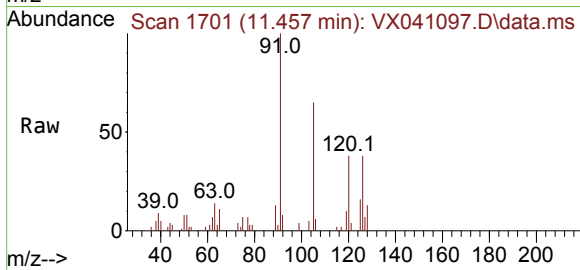
IBLK

Tgt Ion: 91 Resp: 5582

Ion Ratio Lower Upper

91 100

126 34.6 14.2 42.6



#83

tert-Butylbenzene

Concen: 0.416 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX041097.D

Acq: 16 Apr 2024 11:43

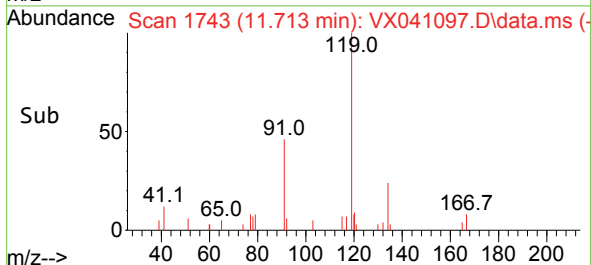
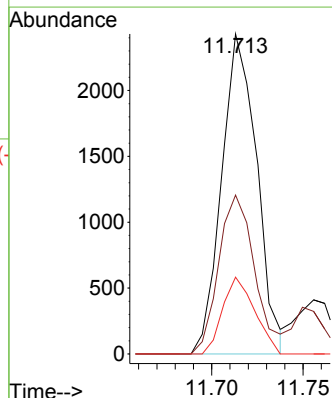
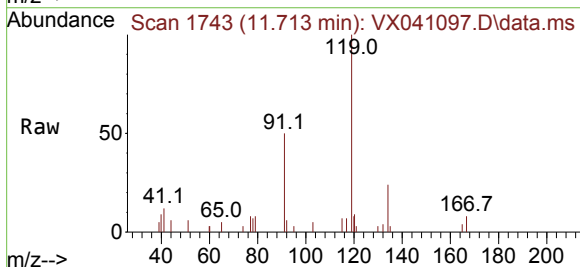
Tgt Ion: 119 Resp: 3250

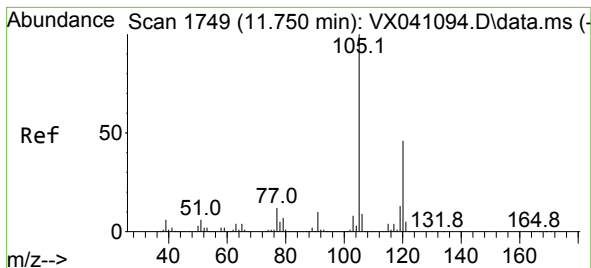
Ion Ratio Lower Upper

119 100

91 51.1 31.2 93.6

134 21.9 11.7 35.0





#84

1,2,4-Trimethylbenzene

Concen: 0.548 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VX041097.D

Acq: 16 Apr 2024 11:43

Instrument :

MSVOA_X

ClientSampleId :

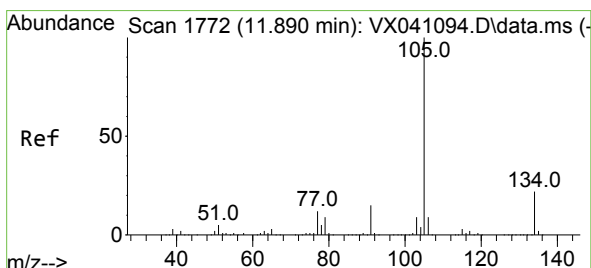
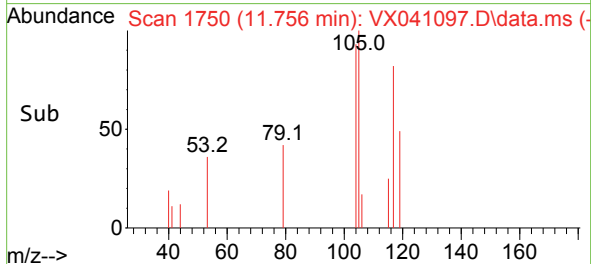
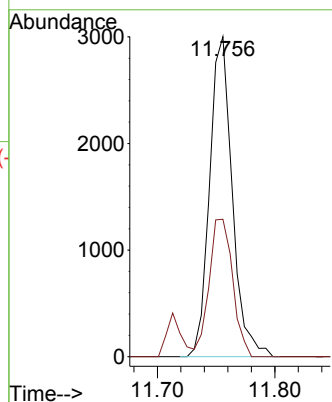
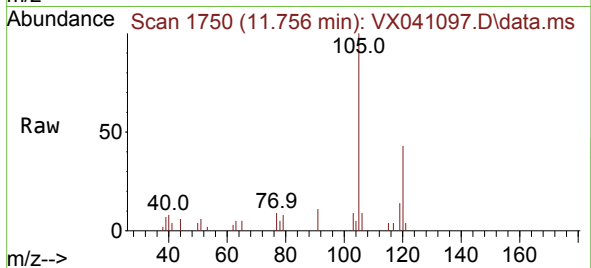
IBLK

Tgt Ion:105 Resp: 4011

Ion Ratio Lower Upper

105 100

120 44.5 21.2 63.6



#85

sec-Butylbenzene

Concen: 0.526 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX041097.D

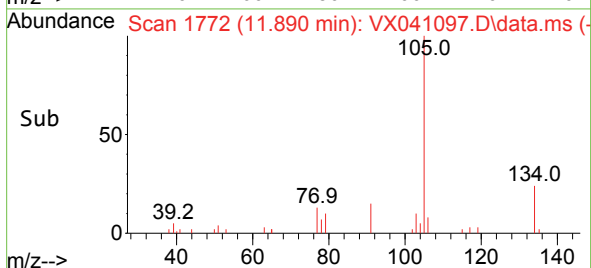
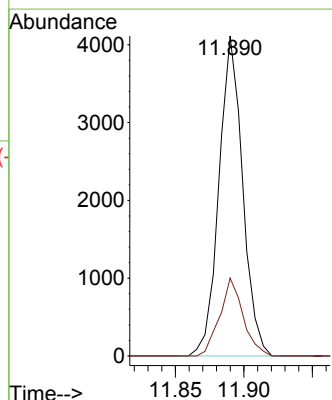
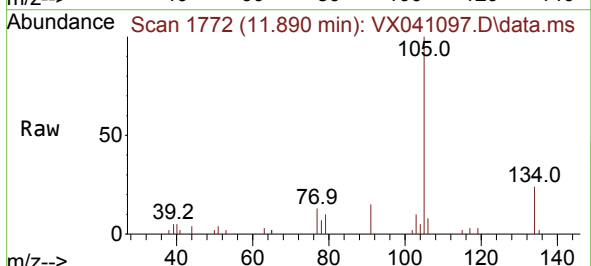
Acq: 16 Apr 2024 11:43

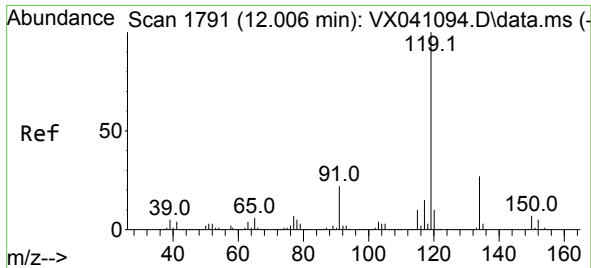
Tgt Ion:105 Resp: 4931

Ion Ratio Lower Upper

105 100

134 24.0 9.8 29.4

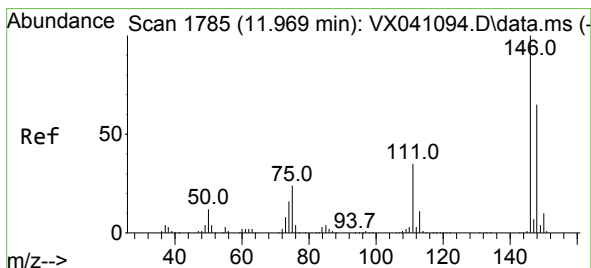
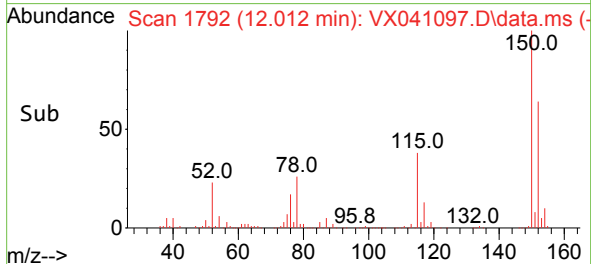
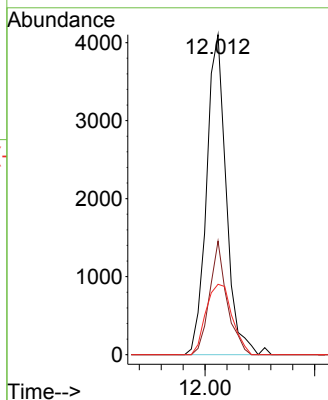
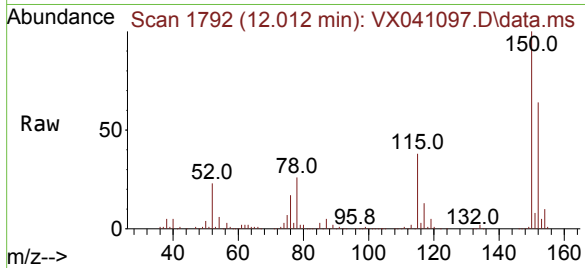




#86
p-Isopropyltoluene
Concen: 0.613 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VX041097.D
Acq: 16 Apr 2024 11:43

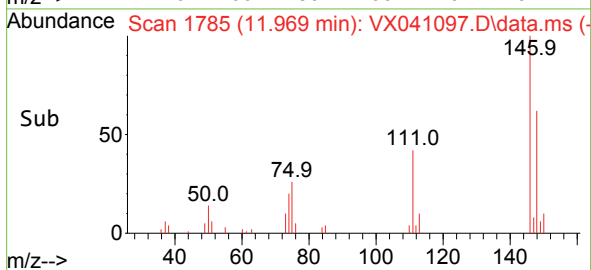
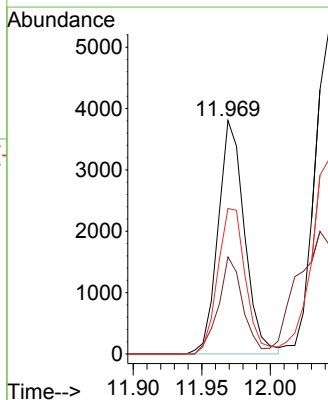
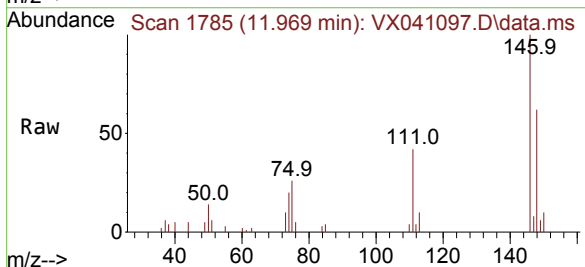
Instrument :
MSVOA_X
ClientSampleId :
IBLK

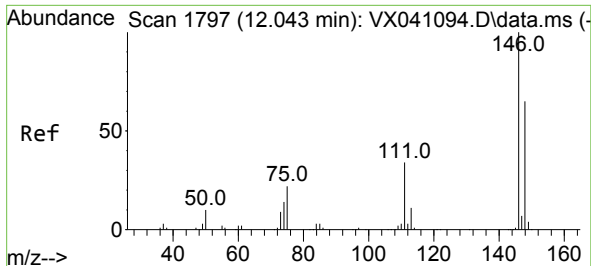
Tgt Ion:119	Resp:	5102
Ion	Ratio	Lower Upper
119	100	
134	31.4	12.8 38.3
91	29.3	13.1 39.3



#87
1,3-Dichlorobenzene
Concen: 1.044 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX041097.D
Acq: 16 Apr 2024 11:43

Tgt Ion:146	Resp:	5089
Ion	Ratio	Lower Upper
146	100	
111	38.4	22.1 66.1
148	66.2	31.8 95.3

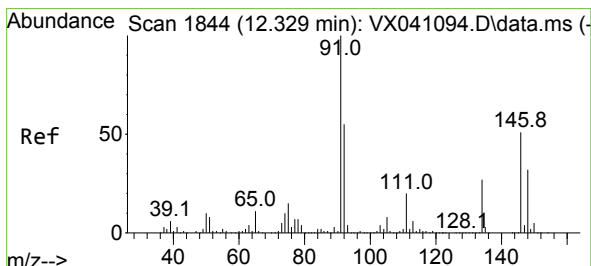
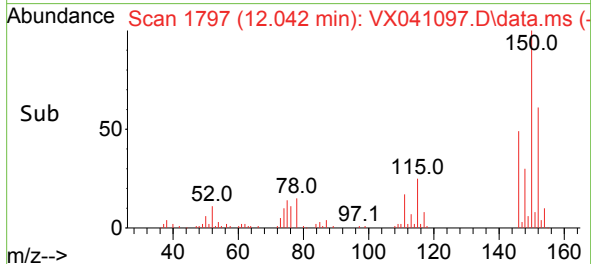
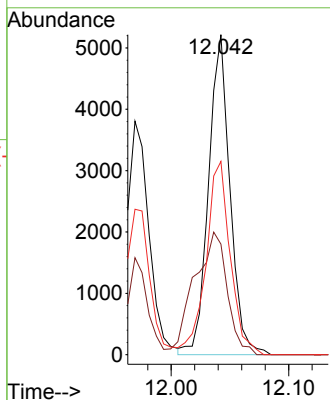
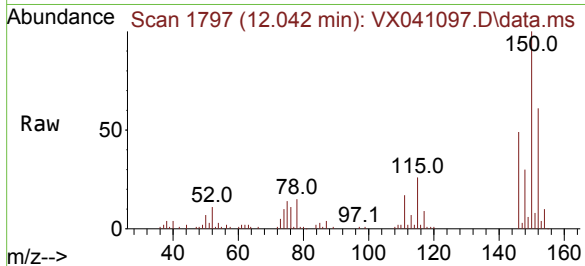




#88
1,4-Dichlorobenzene
Concen: 1.287 ug/l
RT: 12.042 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX041097.D
Acq: 16 Apr 2024 11:43

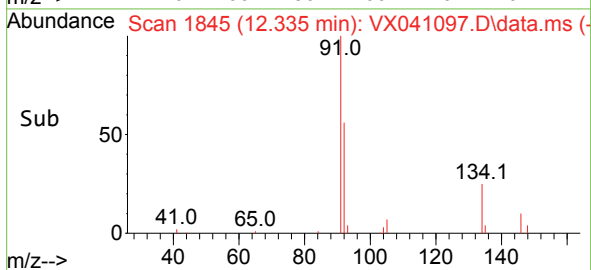
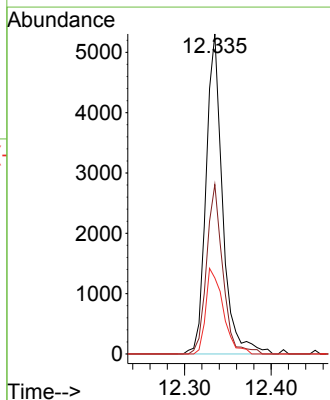
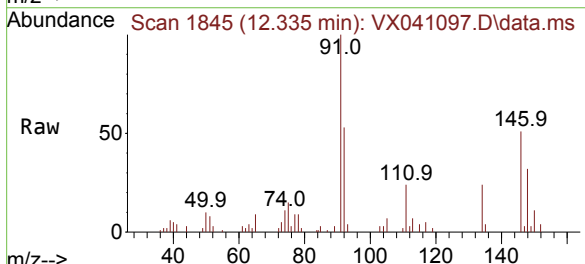
Instrument :
MSVOA_X
ClientSampleId :
IBLK

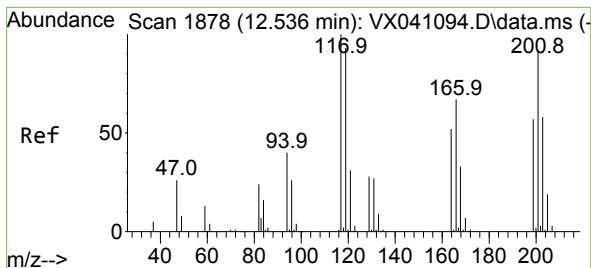
Tgt Ion:146 Resp: 6612
Ion Ratio Lower Upper
146 100
111 58.6 21.3 63.7
148 68.3 31.8 95.4



#89
n-Butylbenzene
Concen: 0.996 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX041097.D
Acq: 16 Apr 2024 11:43

Tgt Ion: 91 Resp: 7031
Ion Ratio Lower Upper
91 100
92 51.9 27.4 82.0
134 28.1 12.6 37.8





#90

Hexachloroethane

Concen: 0.379 ug/l

RT: 12.536 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX041097.D

Acq: 16 Apr 2024 11:43

Instrument :

MSVOA_X

ClientSampleId :

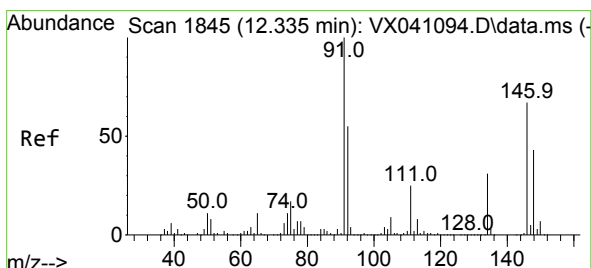
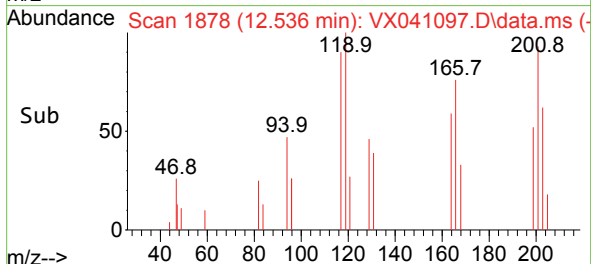
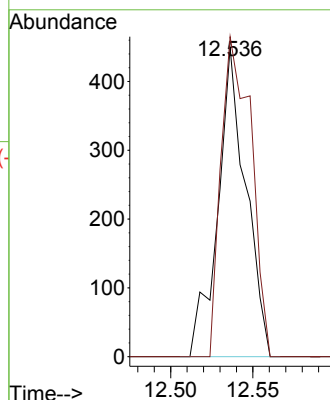
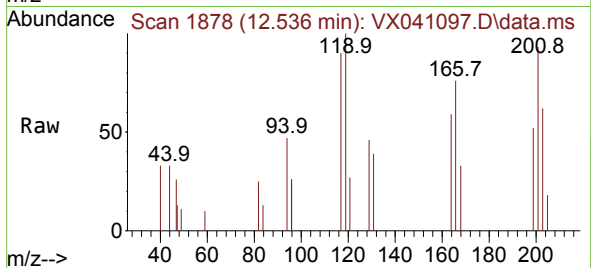
IBLK

Tgt Ion:117 Resp: 534

Ion Ratio Lower Upper

117 100

201 110.7 32.9 98.6#



#91

1,2-Dichlorobenzene

Concen: 0.841 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX041097.D

Acq: 16 Apr 2024 11:43

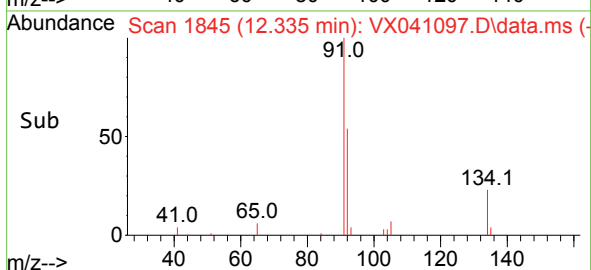
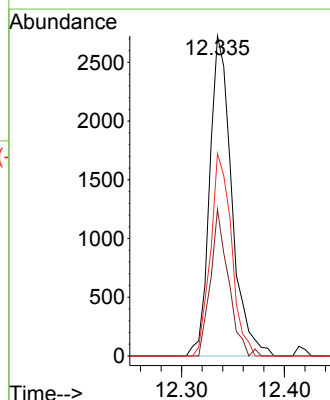
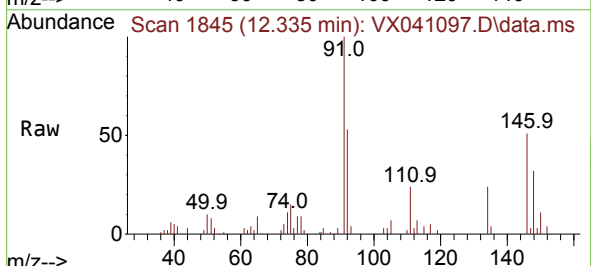
Tgt Ion:146 Resp: 4065

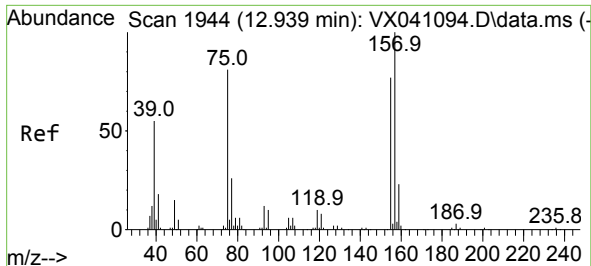
Ion Ratio Lower Upper

146 100

111 37.2 22.4 67.0

148 59.9 31.6 95.0

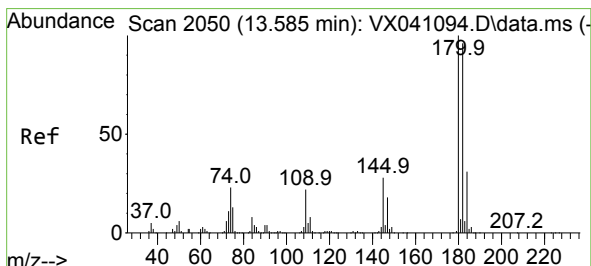
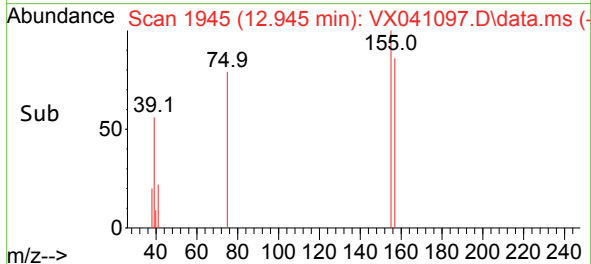
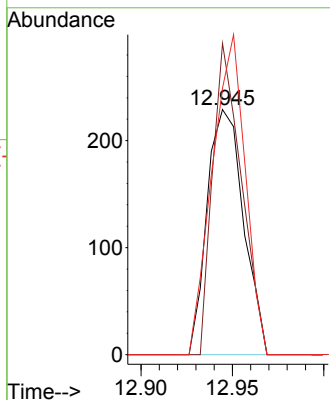
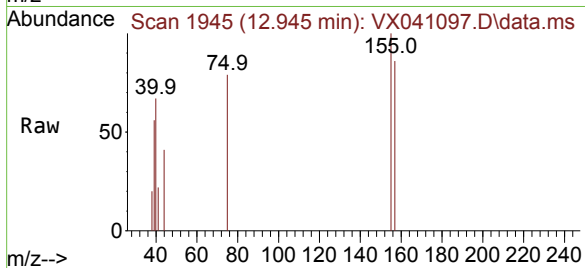




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.506 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX041097.D
Acq: 16 Apr 2024 11:43

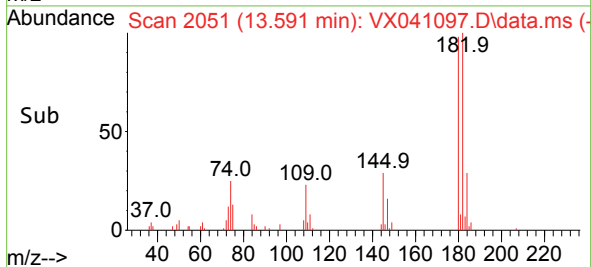
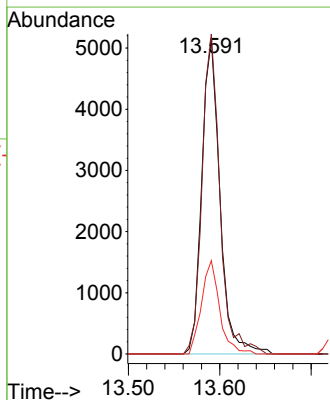
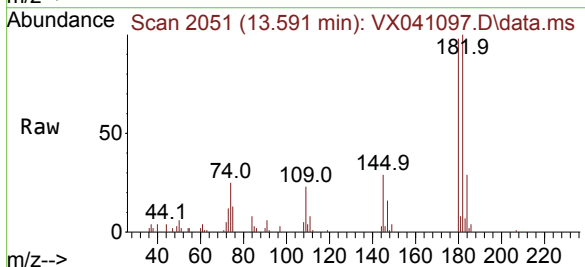
Instrument :
MSVOA_X
ClientSampleId :
IBLK

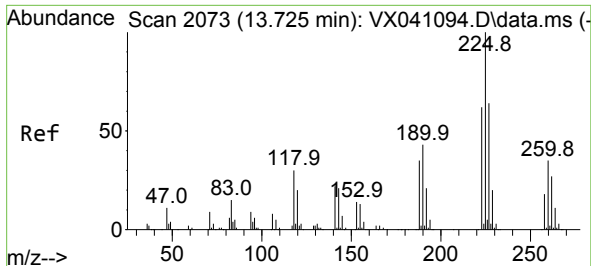
Tgt Ion: 75 Resp: 317
Ion Ratio Lower Upper
75 100
155 100.6 36.1 108.5
157 118.3 44.9 134.7



#93
1,2,4-Trichlorobenzene
Concen: 1.947 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX041097.D
Acq: 16 Apr 2024 11:43

Tgt Ion: 180 Resp: 7076
Ion Ratio Lower Upper
180 100
182 99.9 48.3 144.8
145 29.7 18.0 54.0

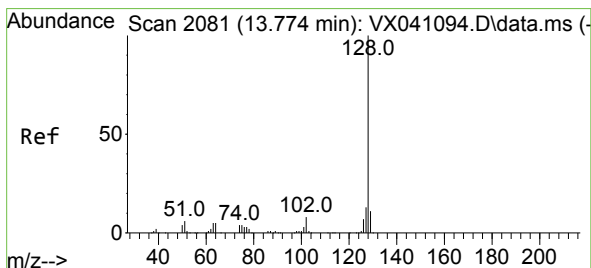
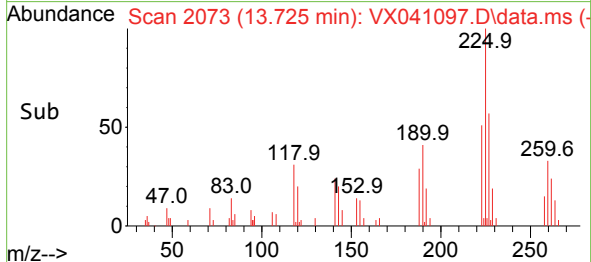
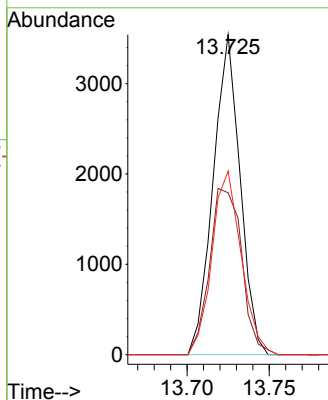
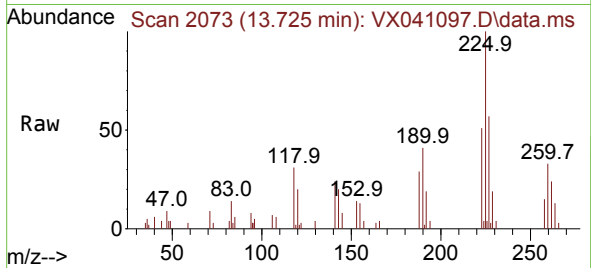




#94
Hexachlorobutadiene
Concen: 2.329 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX041097.D
Acq: 16 Apr 2024 11:43

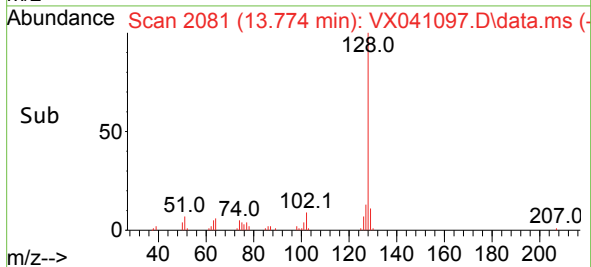
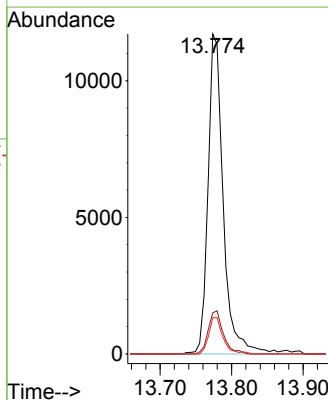
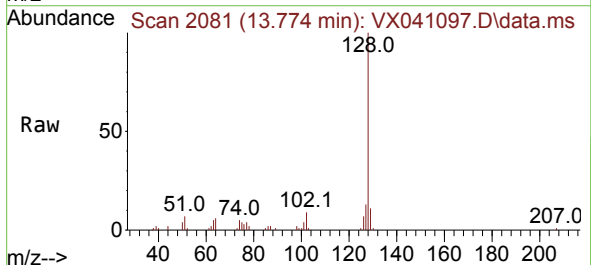
Instrument :
MSVOA_X
ClientSampleId :
IBLK

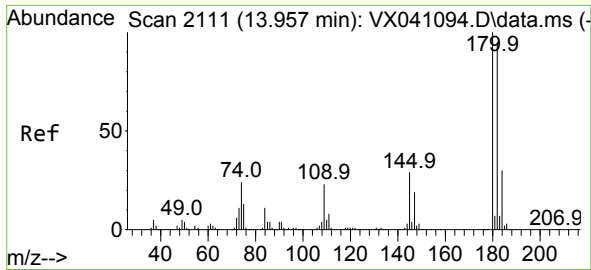
Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.9	31.1	93.2
227	62.3	32.5	97.5



#95
Naphthalene
Concen: 1.766 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX041097.D
Acq: 16 Apr 2024 11:43

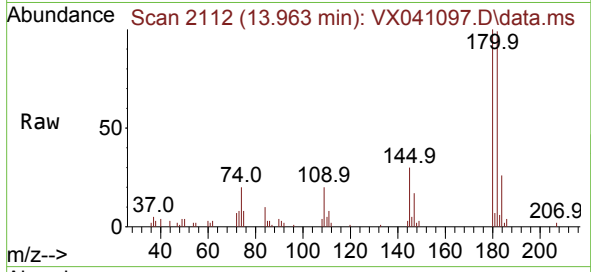
Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.3	15.5
129	10.7	8.8	13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 2.056 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VX041097.D
 Acq: 16 Apr 2024 11:43

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK



Tgt Ion:	180	Resp:	7420
Ion Ratio	Lower	Upper	
180	100		
182	97.3	46.9	140.6
145	28.4	17.8	53.5

