

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042224\
 Data File : VX041188.D
 Acq On : 22 Apr 2024 13:15
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Apr 23 05:17:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042224W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:06:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	222809	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	328271	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	301378	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	152973	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	109013	51.398	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.800%	
35) Dibromofluoromethane	5.385	113	99080	49.619	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.240%	
50) Toluene-d8	8.647	98	374668	55.613	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 111.220%	
62) 4-Bromofluorobenzene	11.079	95	135437	54.466	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 108.940%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	550	0.312	ug/l	99
3) Chloromethane	1.294	50	1077	0.564	ug/l	100
4) Vinyl Chloride	1.374	62	493	0.258	ug/l	# 78
5) Bromomethane	1.599	94	892	0.830	ug/l	100
6) Chloroethane	1.660	64	177	0.244	ug/l	# 45
7) Trichlorofluoromethane	1.855	101	832	0.281	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	585	0.336	ug/l	# 78
10) Methyl Iodide	2.453	142	3139	1.496	ug/l	# 84
11) Tert butyl alcohol	3.038	59	835	2.200	ug/l	# 78
12) 1,1-Dichloroethene	2.300	96	649	0.400	ug/l	# 72
13) Acrolein	2.246	56	934	2.191	ug/l	90
14) Allyl chloride	2.660	41	683	0.259	ug/l	# 75
15) Acrylonitrile	3.093	53	1848	1.903	ug/l	90
16) Acetone	2.392	43	1601	2.074	ug/l	# 87
17) Carbon Disulfide	2.502	76	6027	1.777	ug/l	96
18) Methyl Acetate	2.709	43	1103	0.483	ug/l	95
20) Methylene Chloride	2.788	84	568	0.301	ug/l	# 71
21) trans-1,2-Dichloroethene	3.081	96	1230	0.685	ug/l	# 69
23) Vinyl Acetate	3.751	43	2322	0.476	ug/l	# 86
25) 2-Butanone	4.623	43	1931	1.465	ug/l	# 83
29) Tetrahydrofuran	5.032	42	1232	1.372	ug/l	92
31) Cyclohexane	5.464	56	777	0.272	ug/l	# 90
36) 1,1-Dichloropropene	5.684	75	1152	0.451	ug/l	# 81
38) Carbon Tetrachloride	5.550	117	18972	6.648	ug/l	# 14
39) Methylcyclohexane	7.367	83	793	0.234	ug/l	# 77
44) Trichloroethene	7.129	130	836	0.364	ug/l	80
46) Dibromomethane	7.592	93	371	0.263	ug/l	# 69
49) 1,4-Dioxane	7.690	88	403	8.766	ug/l	# 54
51) 4-Methyl-2-Pentanone	8.580	43	1875	0.663	ug/l	92
52) Toluene	8.726	92	1009	0.203	ug/l	93
53) t-1,3-Dichloropropene	8.994	75	589	0.231	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.275	63	584	0.405	ug/l	# 71
59) 2-Hexanone	9.452	43	1952	0.901	ug/l	91
61) 1,2-Dibromoethane	9.616	107	427	0.205	ug/l	81
64) Tetrachloroethene	9.275	164	859	0.372	ug/l	# 88
65) Chlorobenzene	10.079	112	1861	0.300	ug/l	89

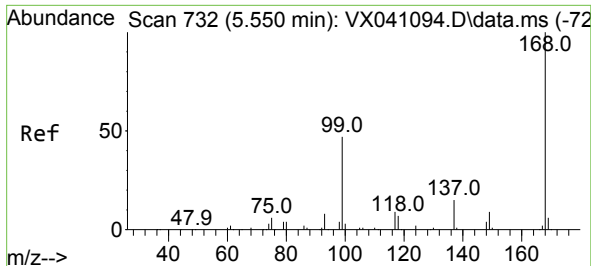
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042224\
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042224W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:06:51 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
67) Ethyl Benzene	10.201	91	2203	0.223	ug/l	93
68) m/p-Xylenes	10.305	106	1806	0.452	ug/l	96
70) Styrene	10.671	104	1354	0.214	ug/l	92
73) Isopropylbenzene	10.963	105	1978	0.208	ug/l	95
76) 1,2,3-Trichloropropane	11.079	75	64615	26.217	ug/l #	38
77) Bromobenzene	11.201	156	850	0.307	ug/l	76
78) n-propylbenzene	11.305	91	3119	0.303	ug/l	94
79) 2-Chlorotoluene	11.366	91	1975	0.304	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	1988	0.251	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.079	75	64615	73.965	ug/l #	5
82) 4-Chlorotoluene	11.463	91	3064	0.416	ug/l	99
83) tert-Butylbenzene	11.713	119	1718	0.203	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	2068	0.263	ug/l	91
85) sec-Butylbenzene	11.890	105	2659	0.272	ug/l	97
86) p-Isopropyltoluene	12.012	119	2442	0.283	ug/l	85
87) 1,3-Dichlorobenzene	11.969	146	2414	0.485	ug/l	96
88) 1,4-Dichlorobenzene	11.969	146	2414	0.473	ug/l	97
89) n-Butylbenzene	12.335	91	2493	0.381	ug/l	95
91) 1,2-Dichlorobenzene	12.341	146	1876	0.376	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.951	75	170	0.270	ug/l #	40
93) 1,2,4-Trichlorobenzene	13.591	180	3632	1.051	ug/l	95
94) Hexachlorobutadiene	13.725	225	888	0.503	ug/l	92
95) Naphthalene	13.780	128	15707	1.582	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	4610	1.267	ug/l	97

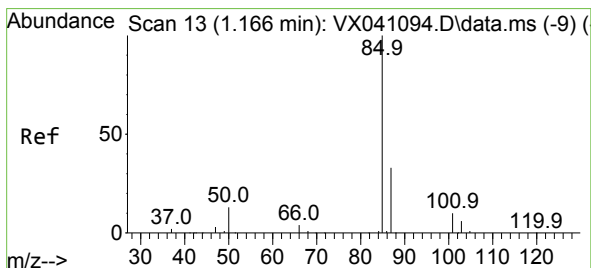
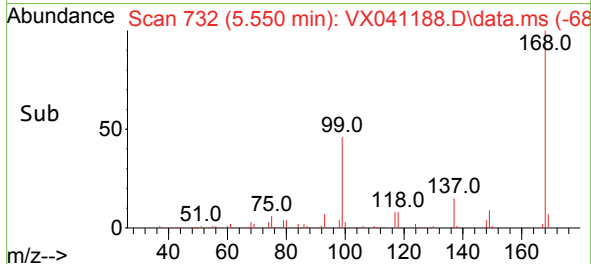
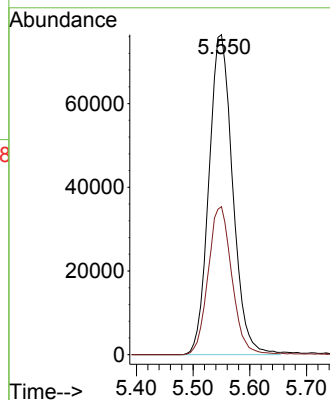
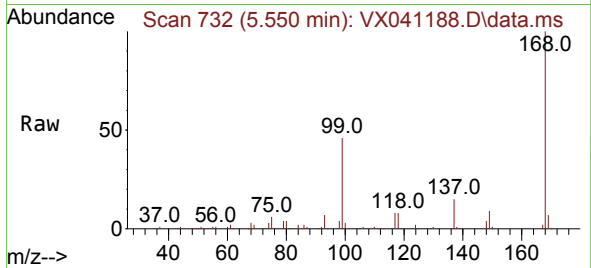
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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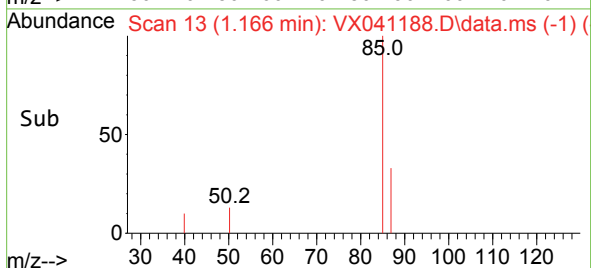
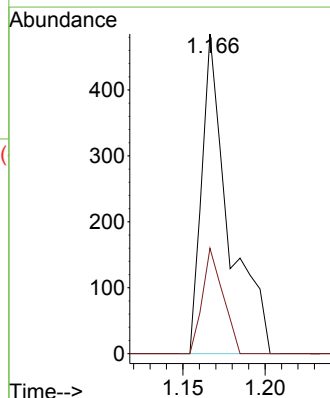
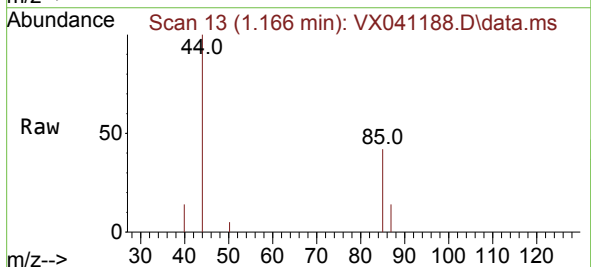
Instrument :
MSVOA_X
ClientSampleId :
IBLK

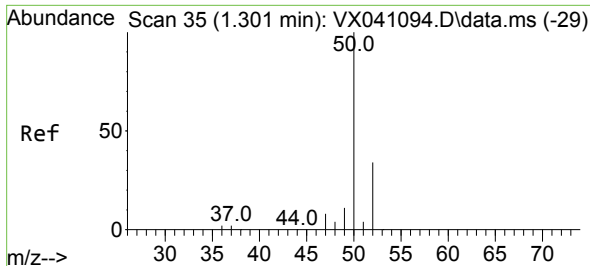
Tgt Ion:168 Resp: 222809
Ion Ratio Lower Upper
168 100
99 46.2 56.6 85.0#



#2
Dichlorodifluoromethane
Concen: 0.312 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX041188.D
Acq: 22 Apr 2024 13:15

Tgt Ion: 85 Resp: 550
Ion Ratio Lower Upper
85 100
87 33.0 16.7 50.1

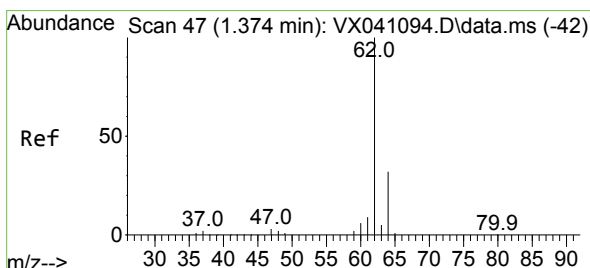
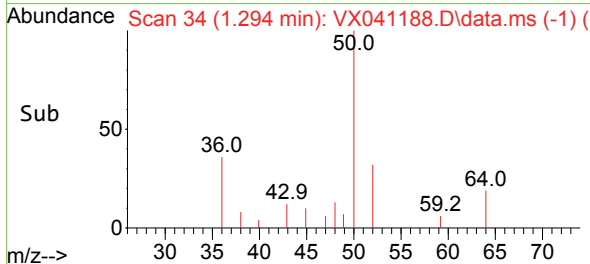
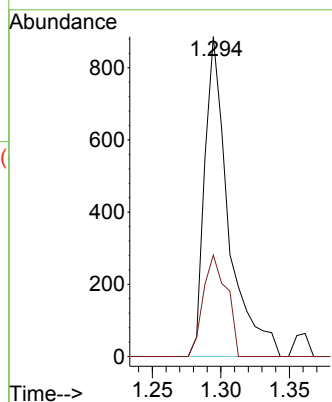
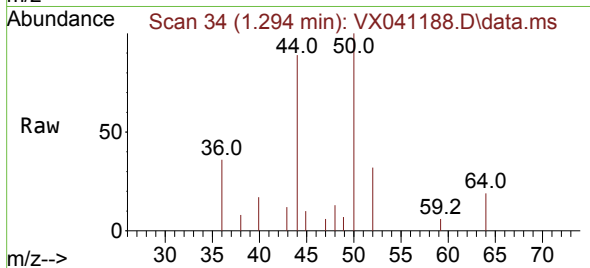




#3
Chloromethane
Concen: 0.564 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX041188.D
Acq: 22 Apr 2024 13:15

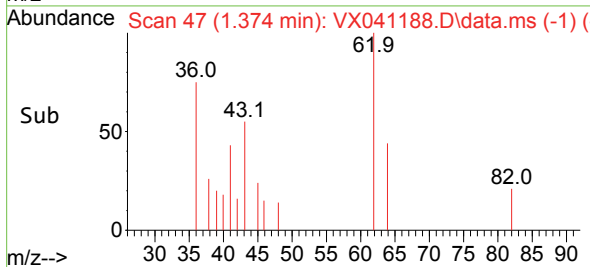
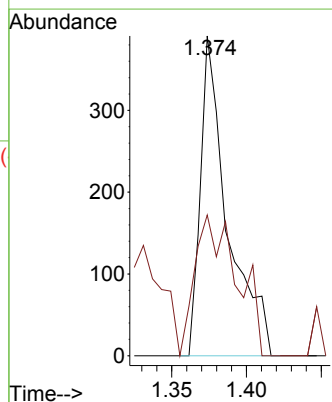
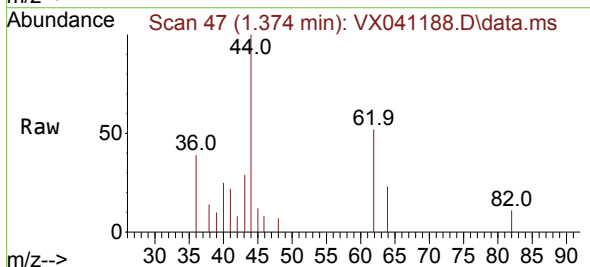
Instrument :
MSVOA_X
ClientSampleId :
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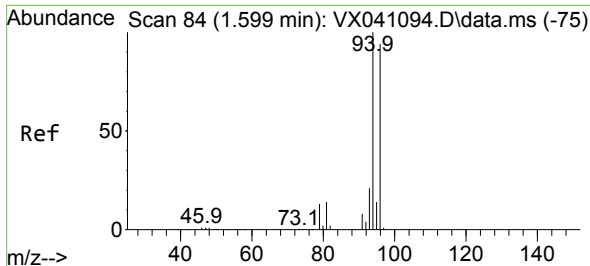
Tgt Ion: 50 Resp: 1077
Ion Ratio Lower Upper
50 100
52 31.7 25.5 38.3



#4
Vinyl Chloride
Concen: 0.258 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX041188.D
Acq: 22 Apr 2024 13:15

Tgt Ion: 62 Resp: 493
Ion Ratio Lower Upper
62 100
64 44.0 25.4 38.0#

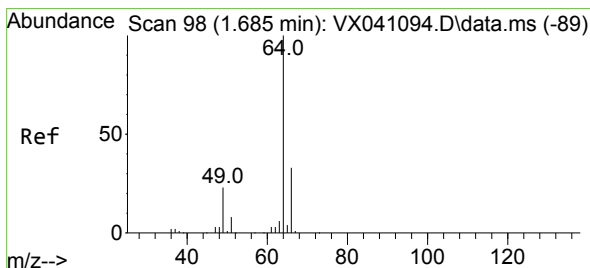
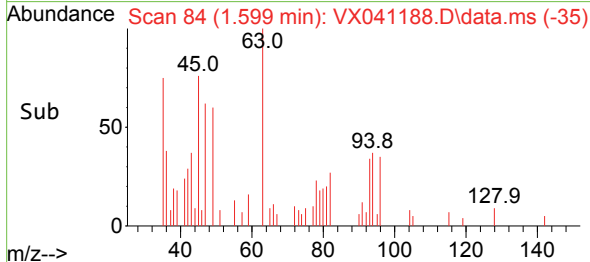
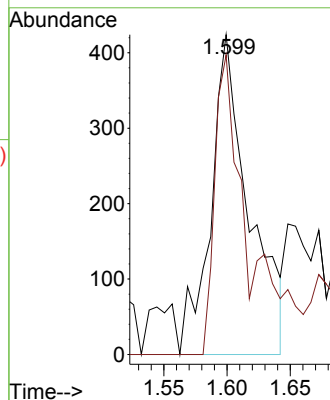
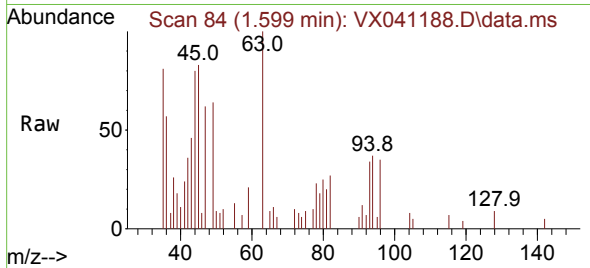




#5
Bromomethane
Concen: 0.830 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX041188.D
Acq: 22 Apr 2024 13:15

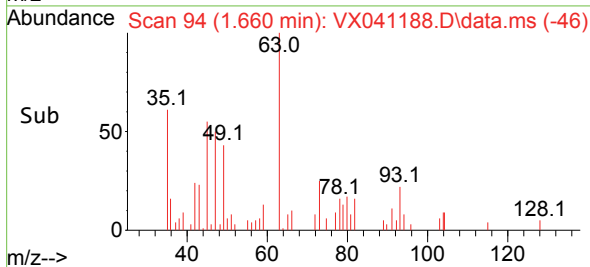
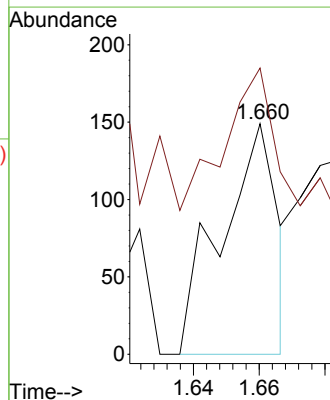
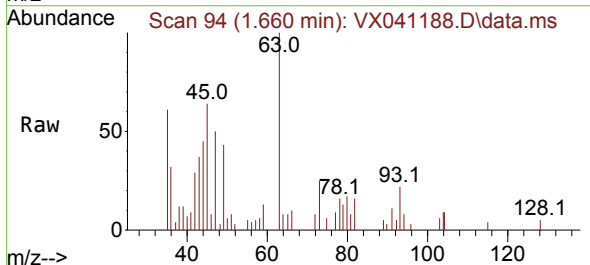
Instrument :
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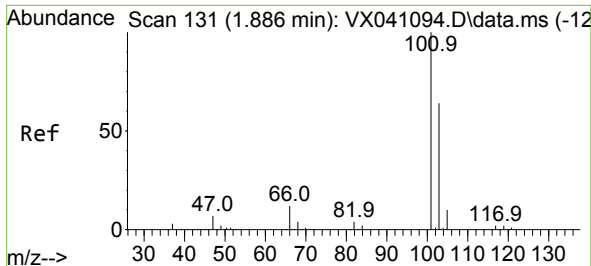
Tgt Ion: 94 Resp: 892
Ion Ratio Lower Upper
94 100
96 93.6 74.6 111.8



#6
Chloroethane
Concen: 0.244 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX041188.D
Acq: 22 Apr 2024 13:15

Tgt Ion: 64 Resp: 177
Ion Ratio Lower Upper
64 100
66 61.7 25.1 37.7#

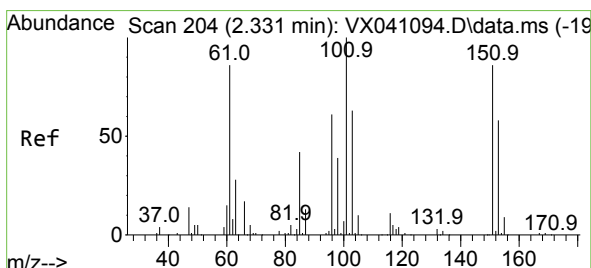
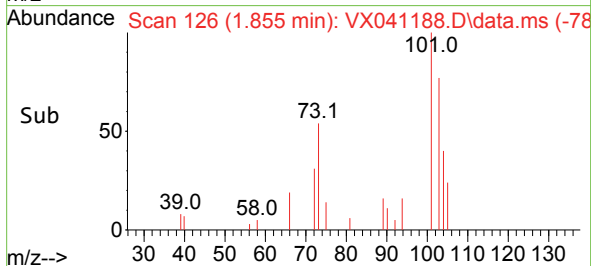
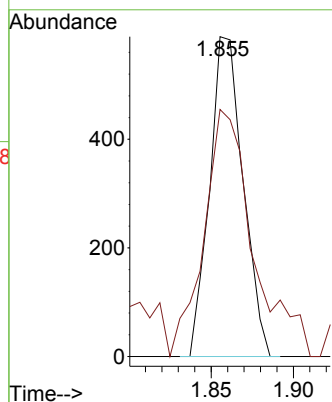
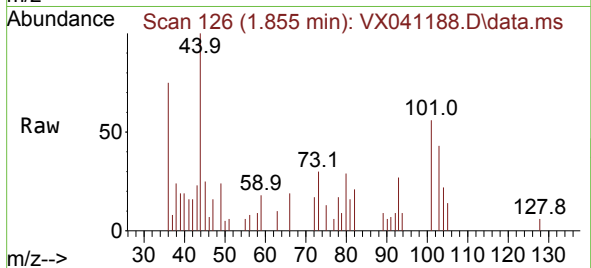




#7
Trichlorofluoromethane
Concen: 0.281 ug/l
RT: 1.855 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX041188.D
Acq: 22 Apr 2024 13:15

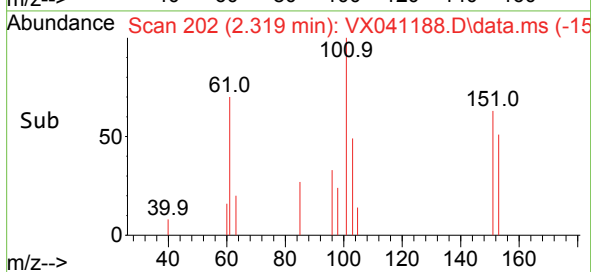
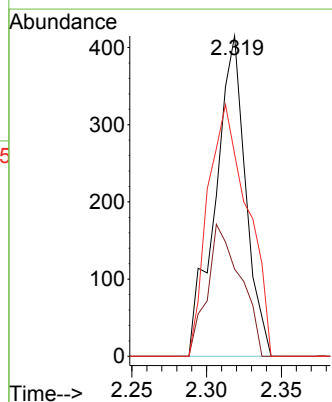
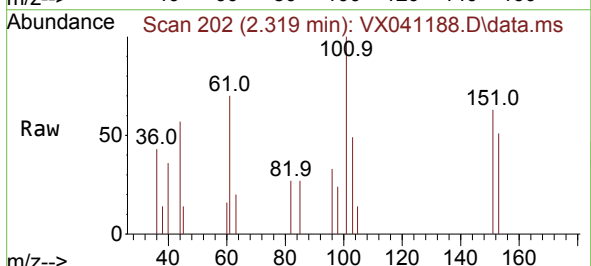
Instrument :
MSVOA_X
ClientSampleId :
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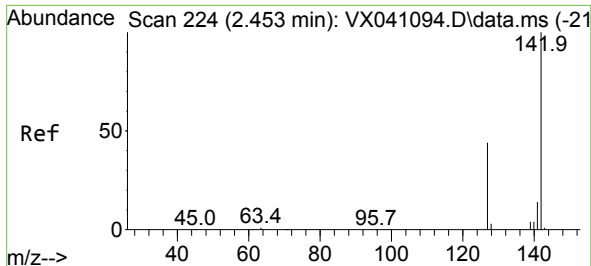
Tgt Ion:101 Resp: 832
Ion Ratio Lower Upper
101 100
103 65.4 51.4 77.2



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.336 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX041188.D
Acq: 22 Apr 2024 13:15

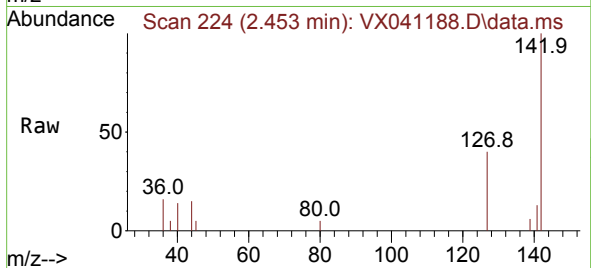
Tgt Ion:101 Resp: 585
Ion Ratio Lower Upper
101 100
85 45.1 37.0 55.6
151 102.7 58.6 87.8#



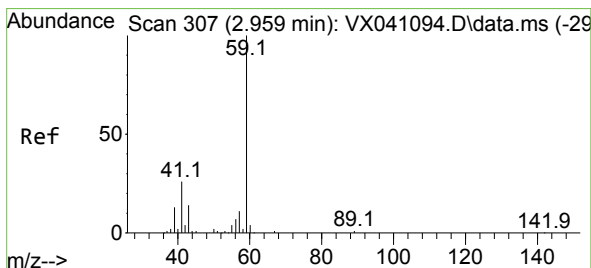
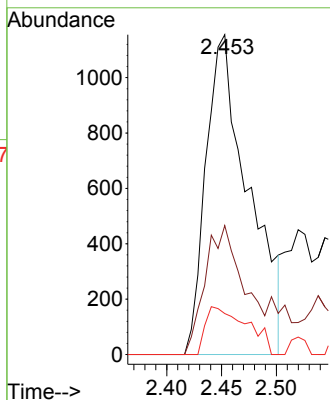
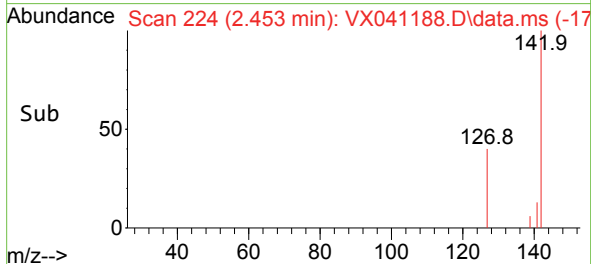


#10
Methyl Iodide
Concen: 1.496 ug/l
RT: 2.453 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX041188.D
Acq: 22 Apr 2024 13:15

Instrument :
MSVOA_X
ClientSampleId :
IBLK

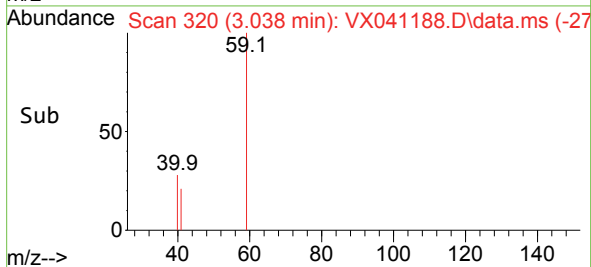
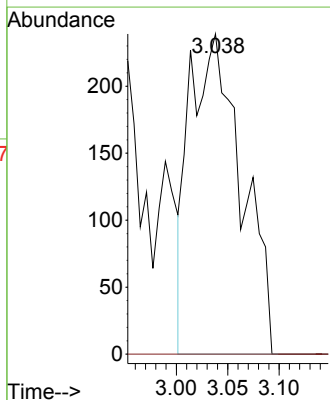
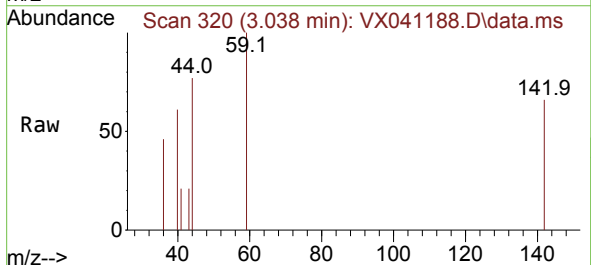


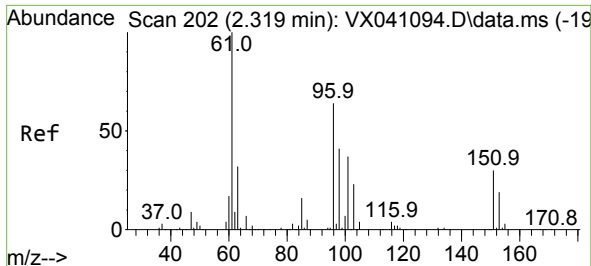
Tgt Ion:142 Resp: 3139
Ion Ratio Lower Upper
142 100
127 37.3 41.6 62.4#
141 14.5 11.6 17.4



#11
Tert butyl alcohol
Concen: 2.200 ug/l
RT: 3.038 min Scan# 320
Delta R.T. -0.024 min
Lab File: VX041188.D
Acq: 22 Apr 2024 13:15

Tgt Ion: 59 Resp: 835
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

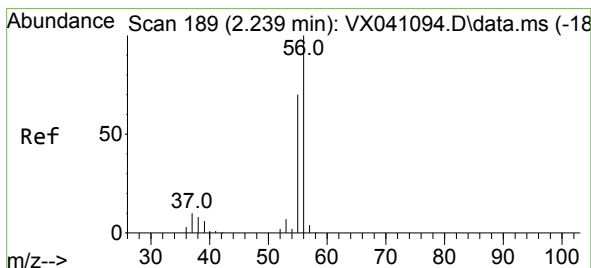
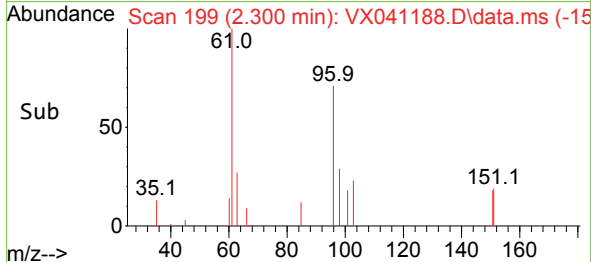
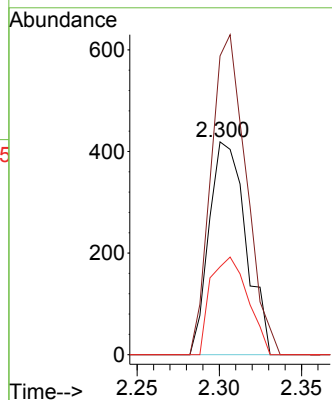
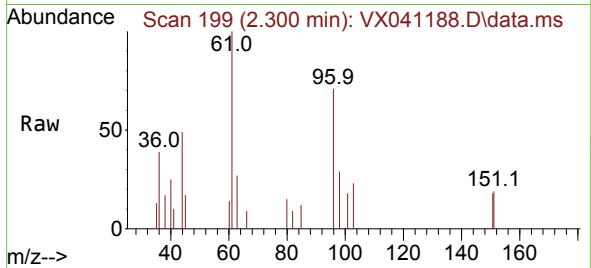




#12
1,1-Dichloroethene
Concen: 0.400 ug/l
RT: 2.300 min Scan# 19
Delta R.T. -0.006 min
Lab File: VX041188.D
Acq: 22 Apr 2024 13:15

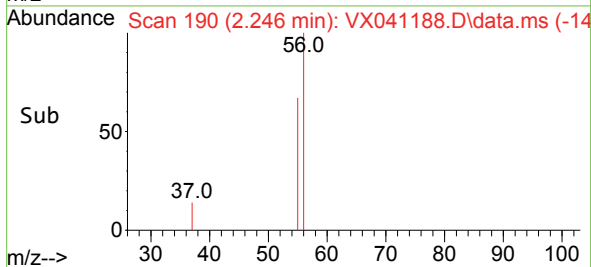
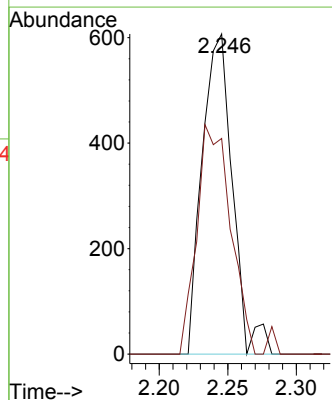
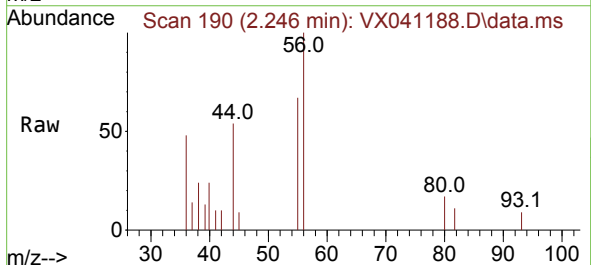
Instrument :
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ClientSampleId :
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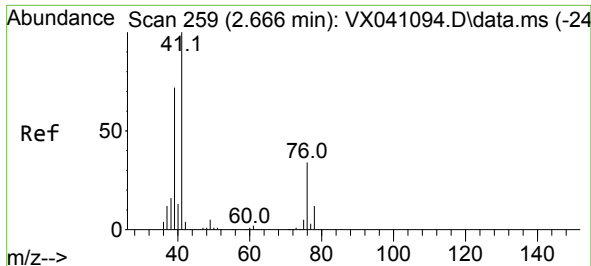
Tgt Ion: 96 Resp: 649
Ion Ratio Lower Upper
96 100
61 140.3 144.6 216.8#
98 41.3 50.4 75.6#



#13
Acrolein
Concen: 2.191 ug/l
RT: 2.246 min Scan# 190
Delta R.T. 0.006 min
Lab File: VX041188.D
Acq: 22 Apr 2024 13:15

Tgt Ion: 56 Resp: 934
Ion Ratio Lower Upper
56 100
55 79.8 57.1 85.7

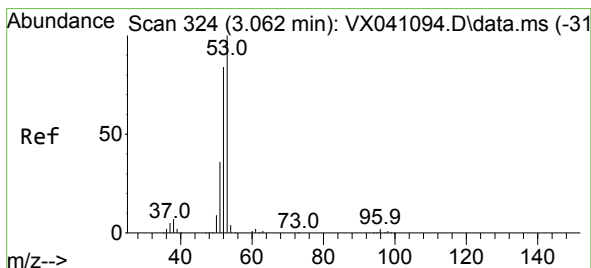
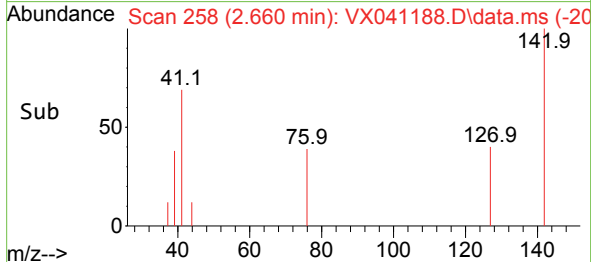
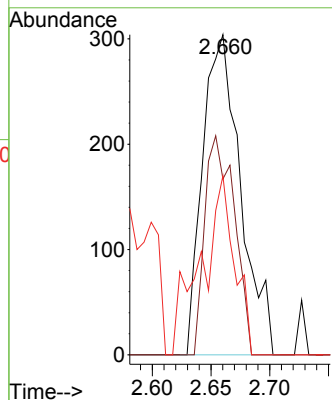
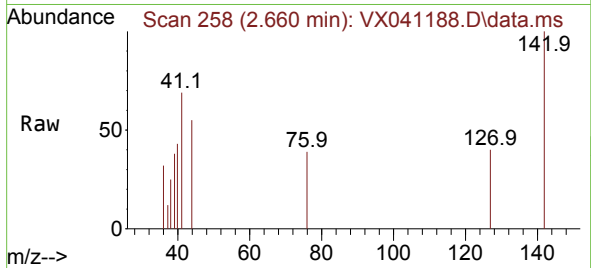




#14
 Allyl chloride
 Concen: 0.259 ug/l
 RT: 2.660 min Scan# 259
 Delta R.T. -0.000 min
 Lab File: VX041188.D
 Acq: 22 Apr 2024 13:15

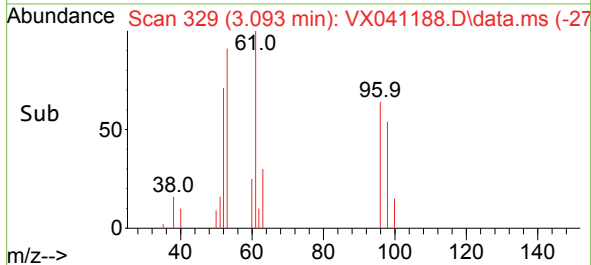
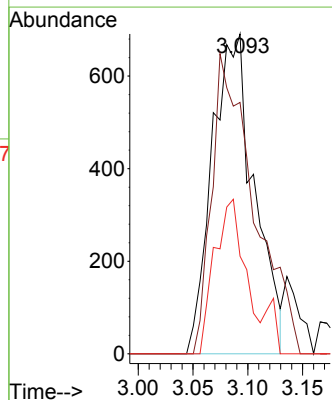
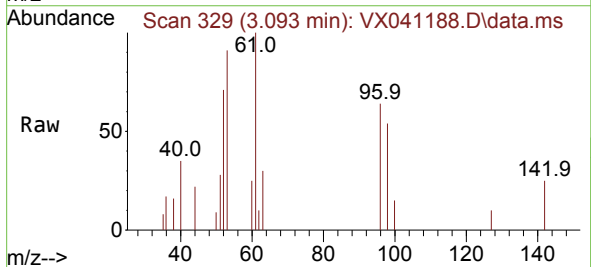
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

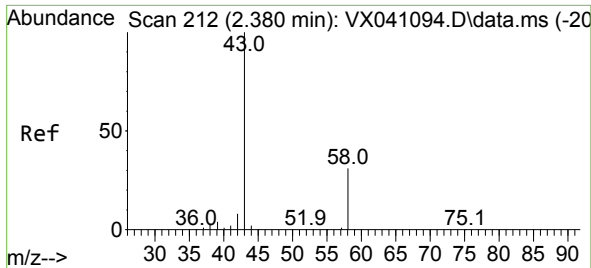
Tgt Ion: 41 Resp: 683
 Ion Ratio Lower Upper
 41 100
 39 53.3 55.8 83.6#
 76 49.6 24.3 36.5#



#15
 Acrylonitrile
 Concen: 1.903 ug/l
 RT: 3.093 min Scan# 329
 Delta R.T. 0.018 min
 Lab File: VX041188.D
 Acq: 22 Apr 2024 13:15

Tgt Ion: 53 Resp: 1848
 Ion Ratio Lower Upper
 53 100
 52 94.2 66.0 99.0
 51 34.9 29.8 44.6

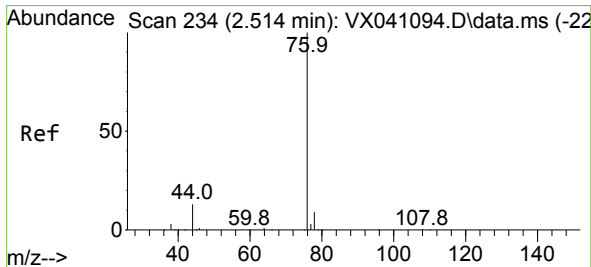
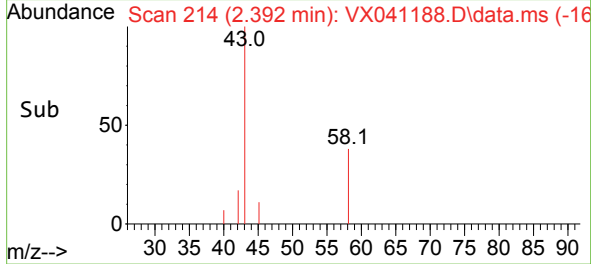
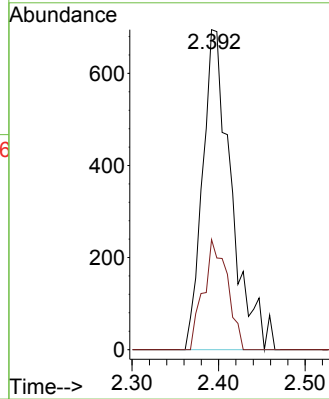
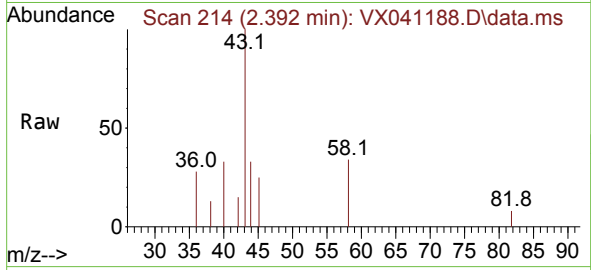




#16
Acetone
Concen: 2.074 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX041188.D
Acq: 22 Apr 2024 13:15

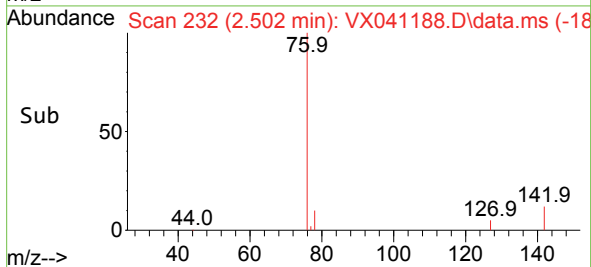
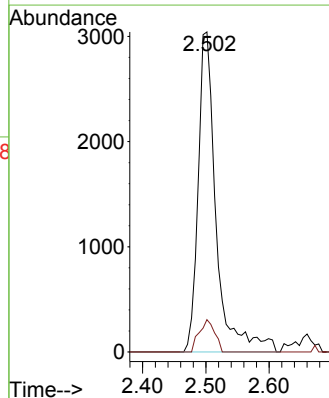
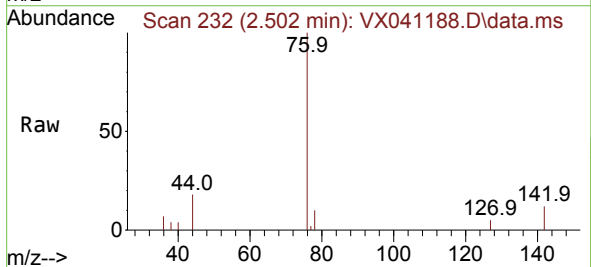
Instrument :
MSVOA_X
ClientSampleId :
IBLK

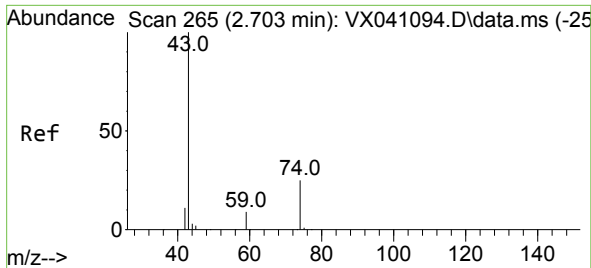
Tgt Ion: 43 Resp: 1601
Ion Ratio Lower Upper
43 100
58 34.4 21.9 32.9#



#17
Carbon Disulfide
Concen: 1.777 ug/l
RT: 2.502 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX041188.D
Acq: 22 Apr 2024 13:15

Tgt Ion: 76 Resp: 6027
Ion Ratio Lower Upper
76 100
78 10.1 7.0 10.6





#18

Methyl Acetate

Concen: 0.483 ug/l

RT: 2.709 min Scan# 2

Delta R.T. -0.000 min

Lab File: VX041188.D

Acq: 22 Apr 2024 13:15

Instrument :

MSVOA_X

ClientSampleId :

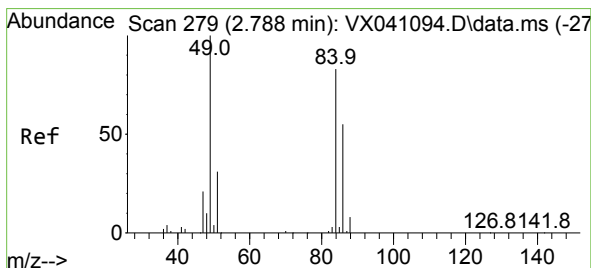
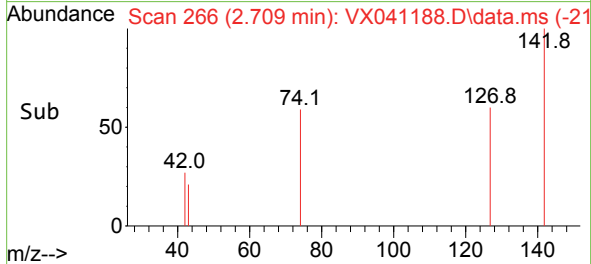
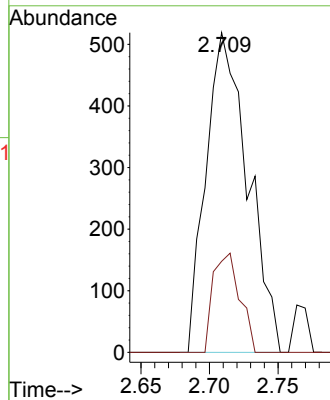
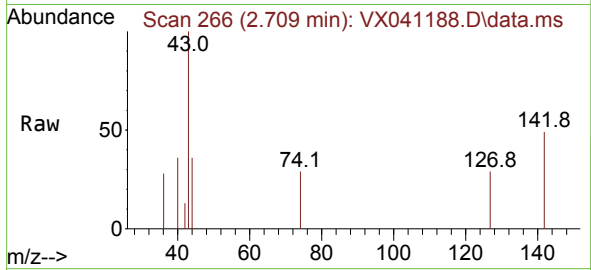
IBLK

Tgt Ion: 43 Resp: 1103

Ion Ratio Lower Upper

43 100

74 19.9 17.8 26.8



#20

Methylene Chloride

Concen: 0.301 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX041188.D

Acq: 22 Apr 2024 13:15

Tgt Ion: 84 Resp: 568

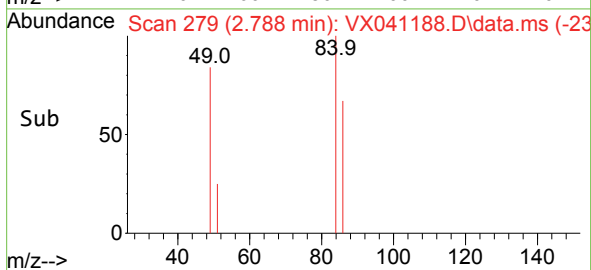
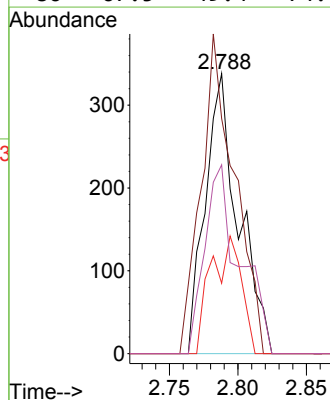
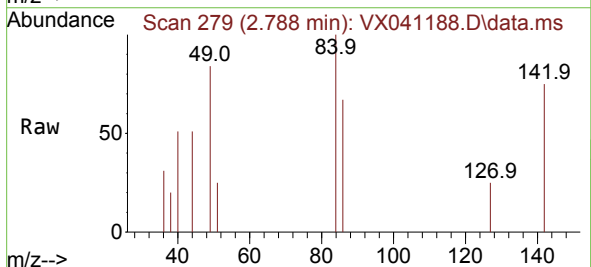
Ion Ratio Lower Upper

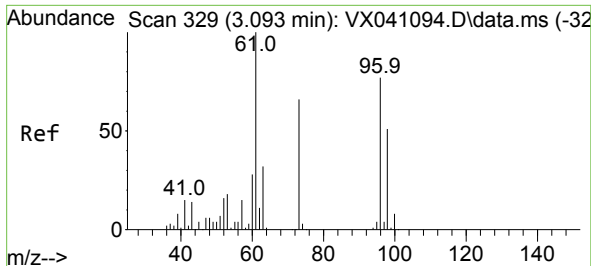
84 100

49 84.0 103.6 155.4#

51 25.1 33.8 50.6#

86 67.5 49.4 74.0

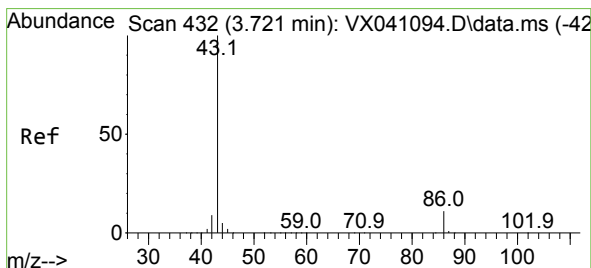
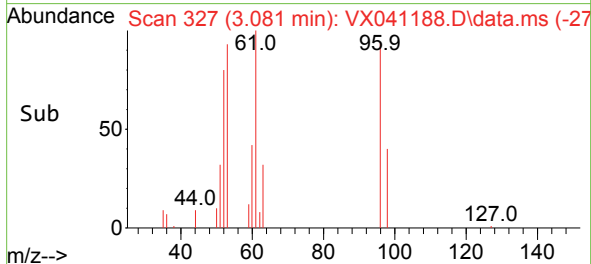
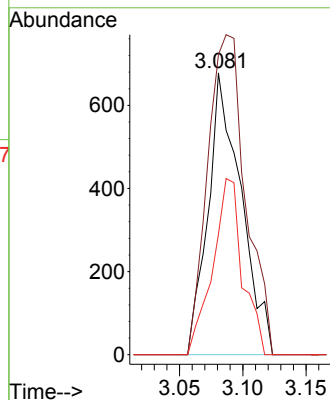
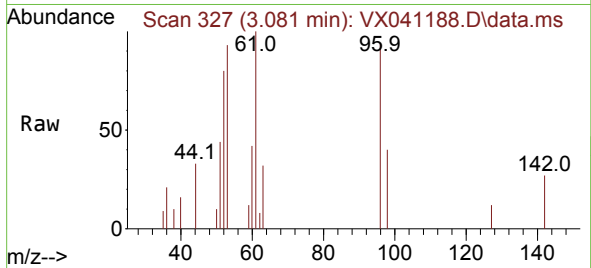




#21
trans-1,2-Dichloroethene
Concen: 0.685 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX041188.D
Acq: 22 Apr 2024 13:15

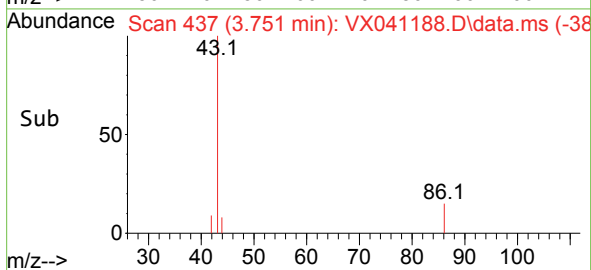
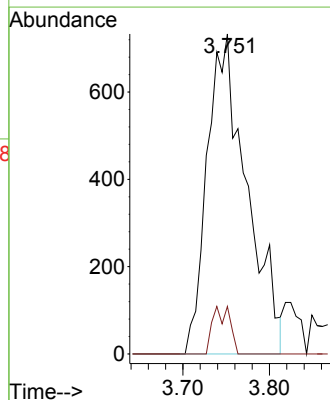
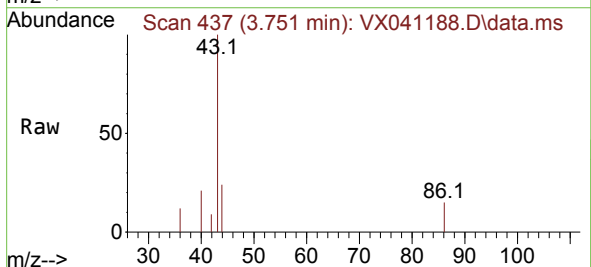
Instrument :
MSVOA_X
ClientSampleId :
IBLK

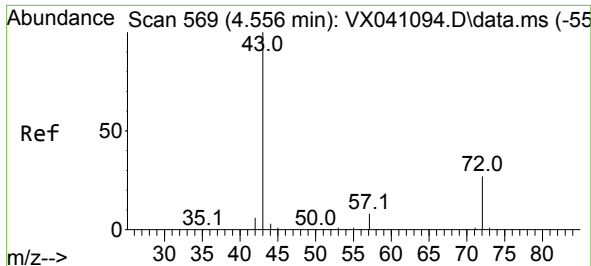
Tgt Ion: 96 Resp: 1230
Ion Ratio Lower Upper
96 100
61 106.5 119.2 178.8#
98 42.8 48.7 73.1#



#23
Vinyl Acetate
Concen: 0.476 ug/l
RT: 3.751 min Scan# 437
Delta R.T. 0.030 min
Lab File: VX041188.D
Acq: 22 Apr 2024 13:15

Tgt Ion: 43 Resp: 2322
Ion Ratio Lower Upper
43 100
86 14.9 7.8 11.8#

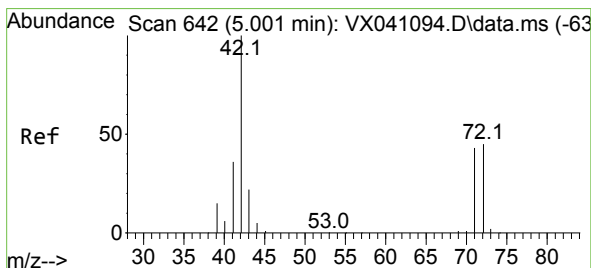
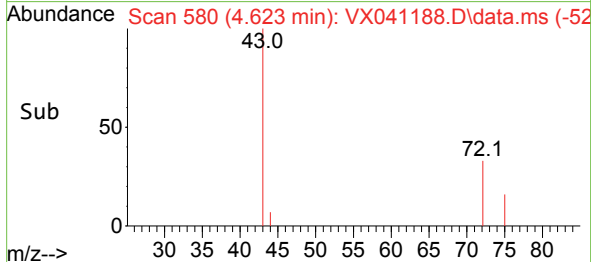
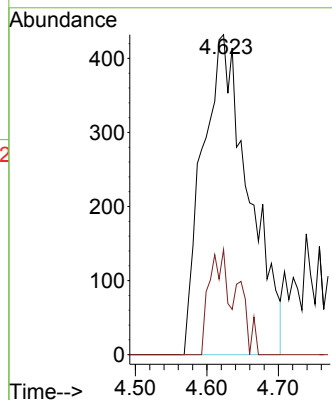
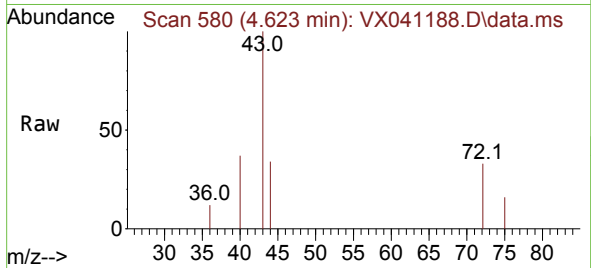




#25
2-Butanone
Concen: 1.465 ug/l
RT: 4.623 min Scan# 51
Delta R.T. 0.055 min
Lab File: VX041188.D
Acq: 22 Apr 2024 13:15

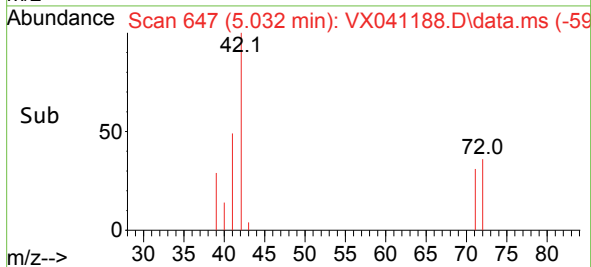
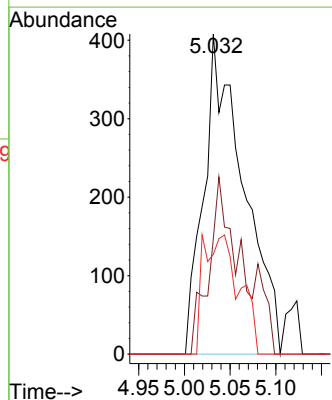
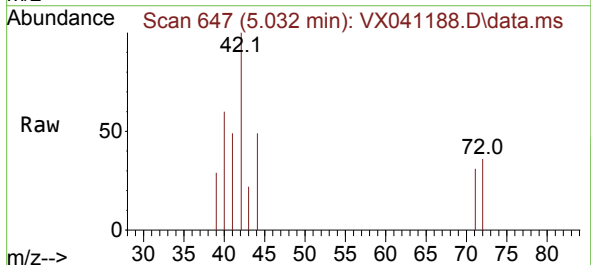
Instrument :
MSVOA_X
ClientSampleId :
IBLK

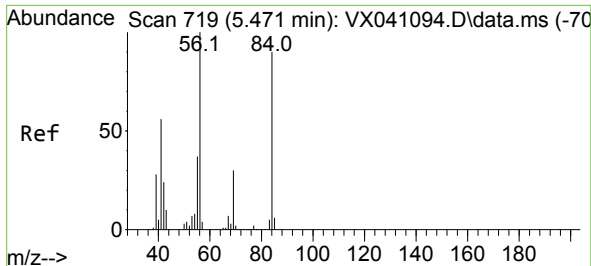
Tgt Ion: 43 Resp: 1931
Ion Ratio Lower Upper
43 100
72 32.9 19.4 29.2#



#29
Tetrahydrofuran
Concen: 1.372 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.018 min
Lab File: VX041188.D
Acq: 22 Apr 2024 13:15

Tgt Ion: 42 Resp: 1232
Ion Ratio Lower Upper
42 100
72 39.2 34.2 51.4
71 33.5 32.2 48.2

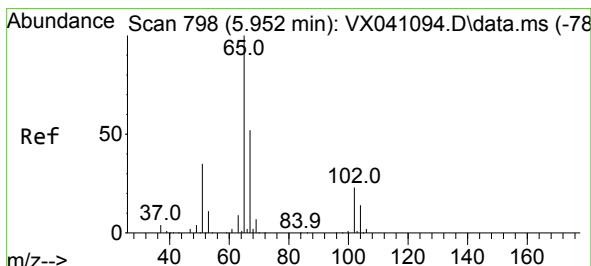
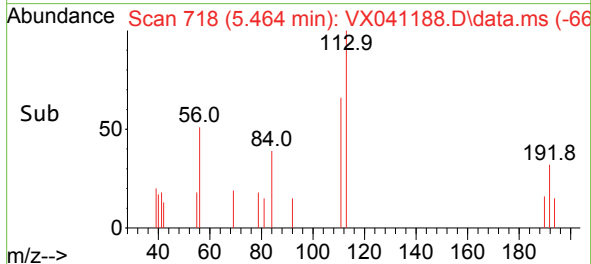
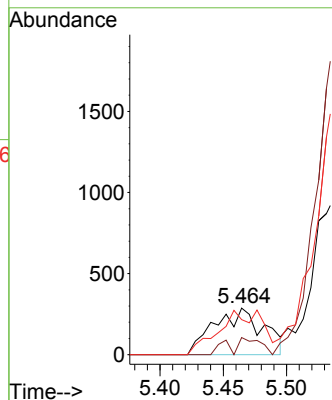
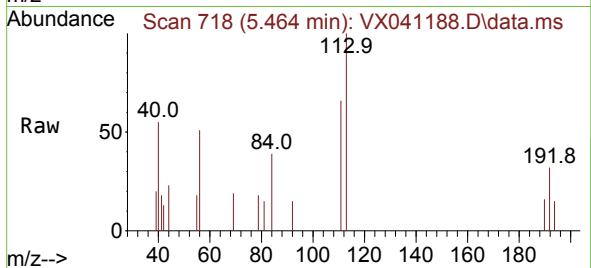




#31
Cyclohexane
Concen: 0.272 ug/l
RT: 5.464 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX041188.D
Acq: 22 Apr 2024 13:15

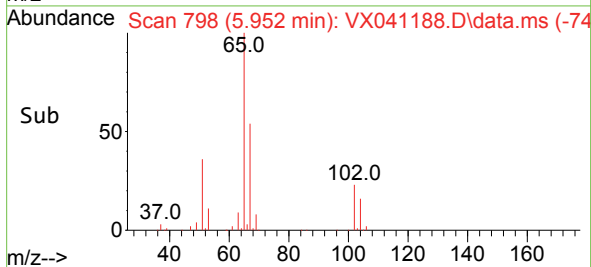
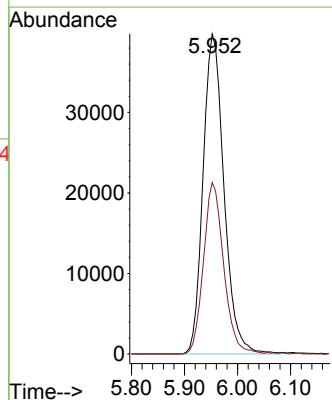
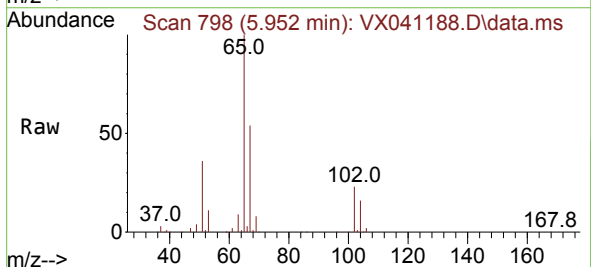
Instrument :
MSVOA_X
ClientSampleId :
IBLK

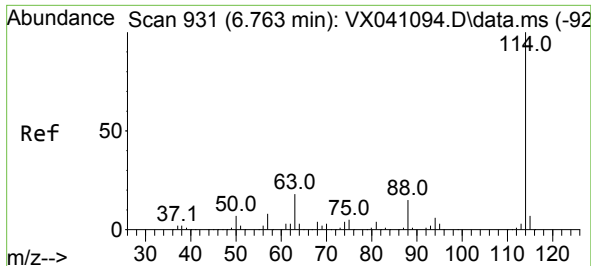
Tgt Ion: 56 Resp: 777
Ion Ratio Lower Upper
56 100
69 36.9 23.4 35.2#
84 75.3 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 51.398 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX041188.D
Acq: 22 Apr 2024 13:15

Tgt Ion: 65 Resp: 109013
Ion Ratio Lower Upper
65 100
67 51.7 0.0 100.2

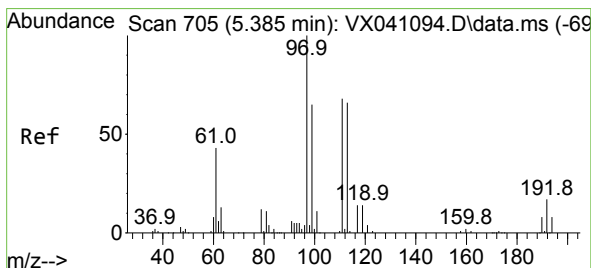
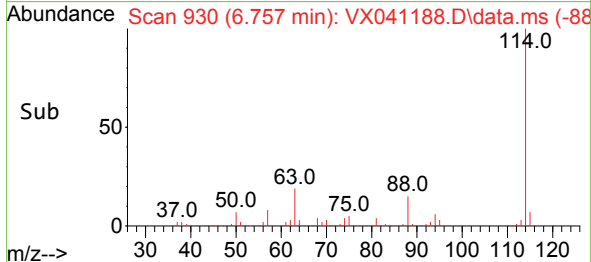
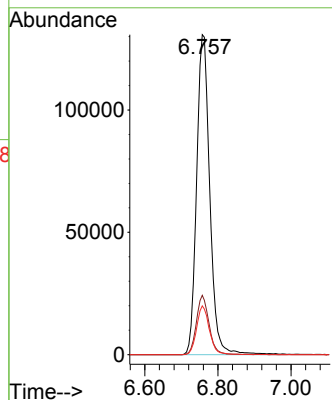
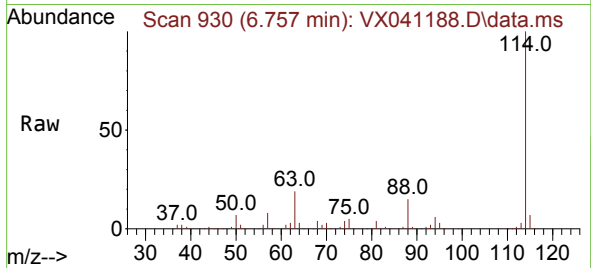




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX041188.D
Acq: 22 Apr 2024 13:15

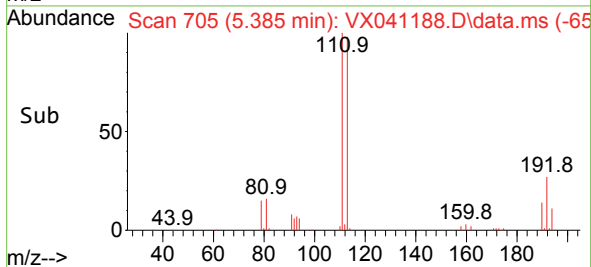
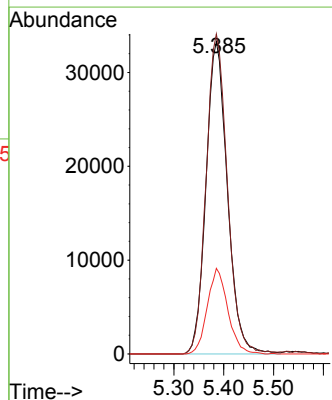
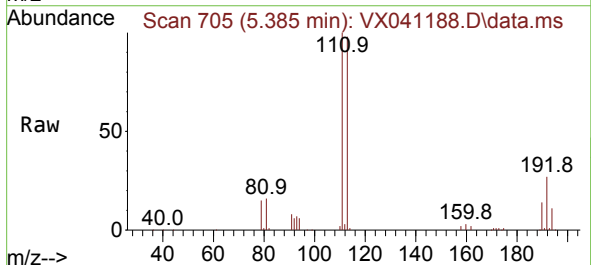
Instrument :
MSVOA_X
ClientSampleId :
IBLK

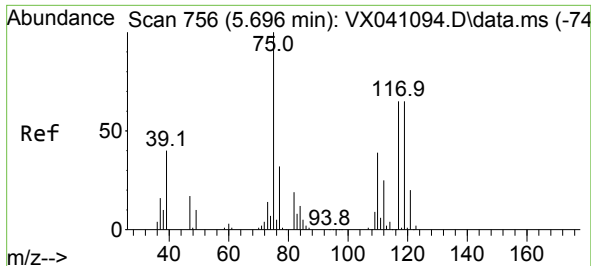
Tgt Ion:114 Resp: 328271
Ion Ratio Lower Upper
114 100
63 18.6 0.0 45.0
88 15.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 49.619 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX041188.D
Acq: 22 Apr 2024 13:15

Tgt Ion:113 Resp: 99080
Ion Ratio Lower Upper
113 100
111 102.0 82.9 124.3
192 26.3 13.3 19.9#

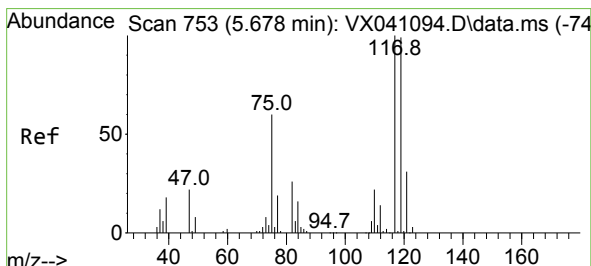
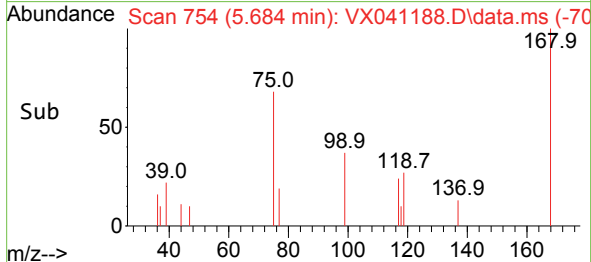
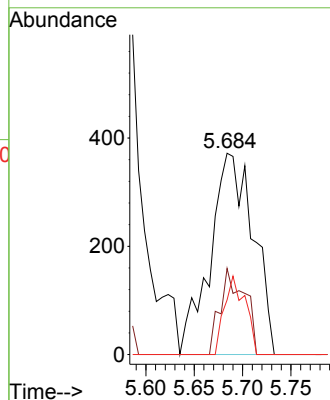
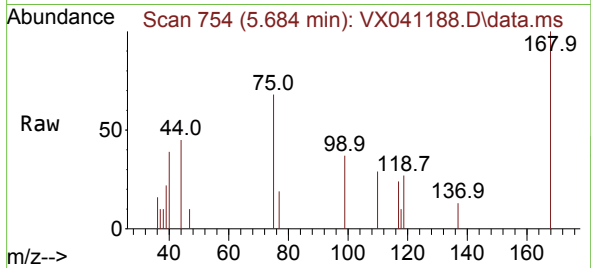




#36
1,1-Dichloropropene
Concen: 0.451 ug/l
RT: 5.684 min Scan# 715
Delta R.T. -0.006 min
Lab File: VX041188.D
Acq: 22 Apr 2024 13:15

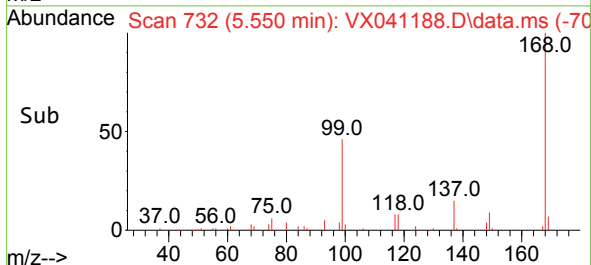
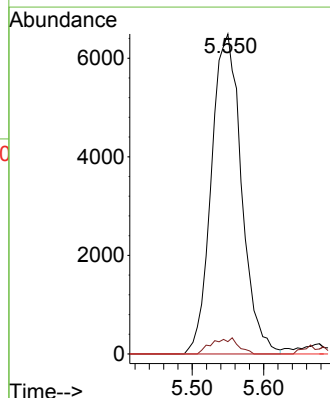
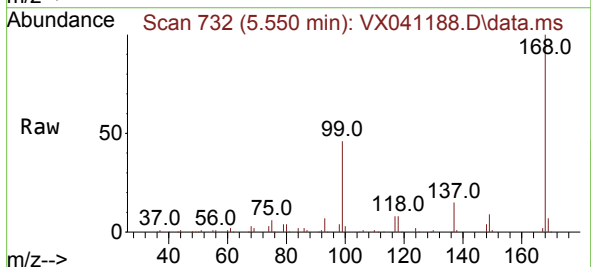
Instrument :
MSVOA_X
ClientSampleId :
IBLK

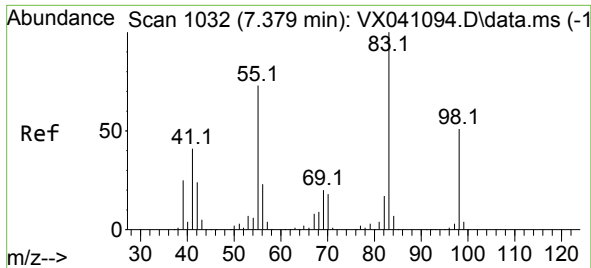
Tgt Ion: 75 Resp: 1152
Ion Ratio Lower Upper
75 100
110 24.3 17.0 50.9
77 18.9 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.648 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX041188.D
Acq: 22 Apr 2024 13:15

Tgt Ion: 117 Resp: 18972
Ion Ratio Lower Upper
117 100
119 3.8 78.2 117.2#
121 0.0 24.4 36.6#





#39

Methylcyclohexane

Concen: 0.234 ug/l

RT: 7.367 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX041188.D

Acq: 22 Apr 2024 13:15

Instrument :

MSVOA_X

ClientSampleId :

IBLK

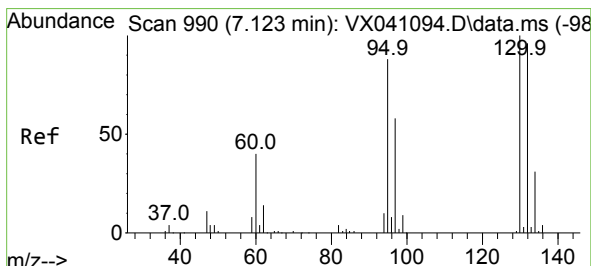
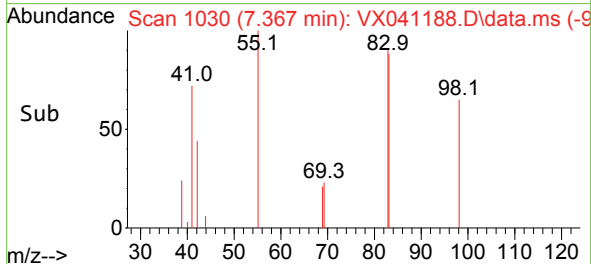
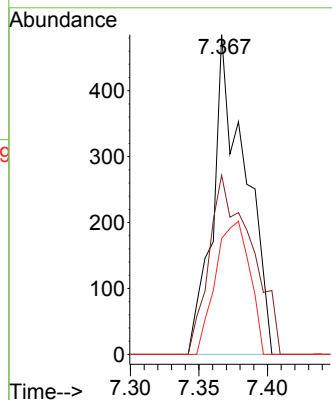
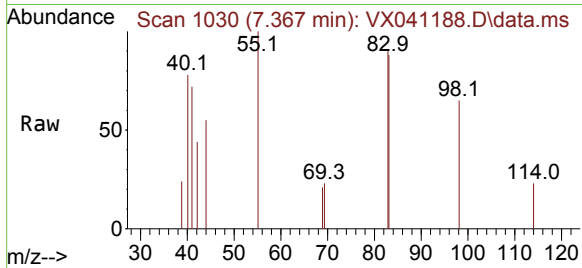
Tgt Ion: 83 Resp: 793

Ion Ratio Lower Upper

83 100

55 56.1 64.6 97.0#

98 36.3 36.7 55.1#



#44

Trichloroethene

Concen: 0.364 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX041188.D

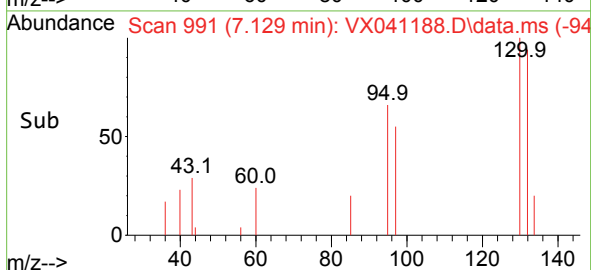
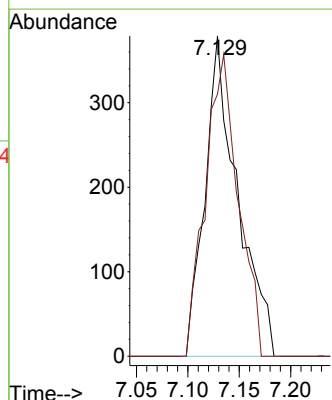
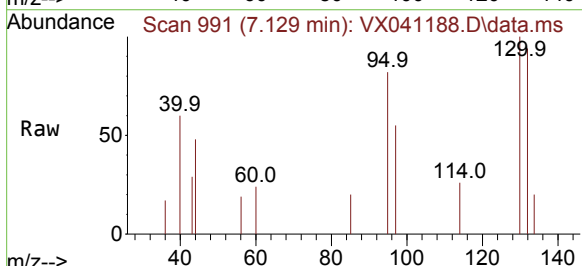
Acq: 22 Apr 2024 13:15

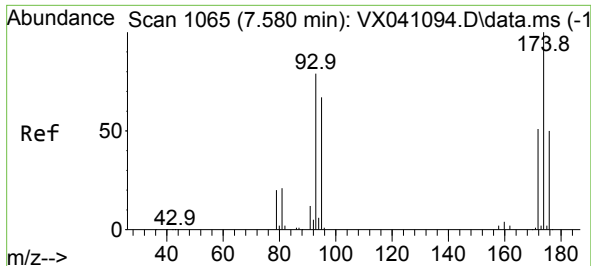
Tgt Ion:130 Resp: 836

Ion Ratio Lower Upper

130 100

95 81.8 0.0 204.4

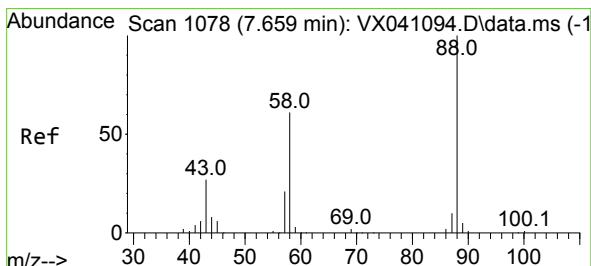
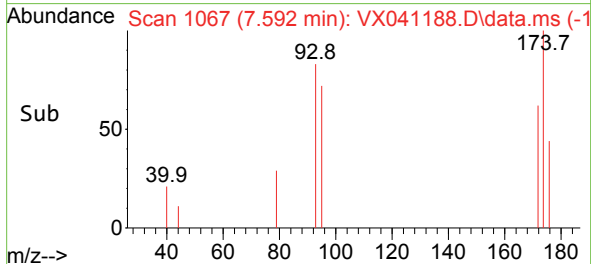
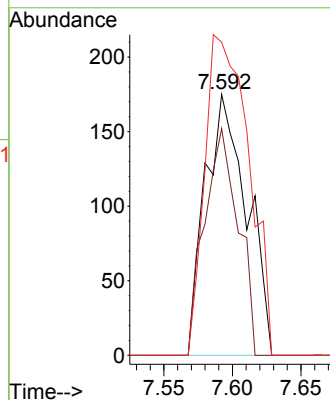
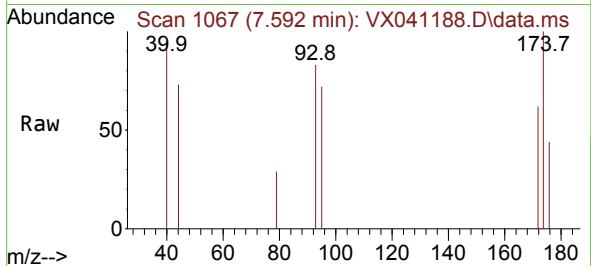




#46
Dibromomethane
Concen: 0.263 ug/l
RT: 7.592 min Scan# 1067
Delta R.T. 0.012 min
Lab File: VX041188.D
Acq: 22 Apr 2024 13:15

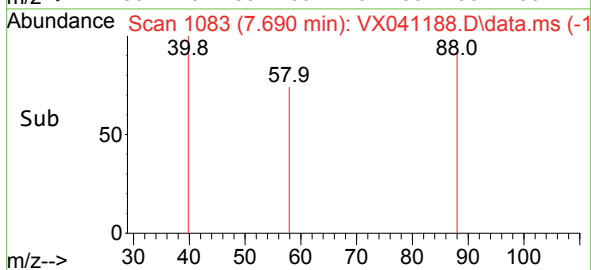
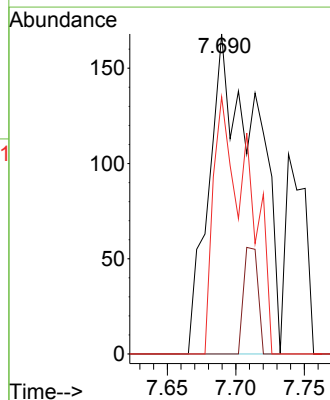
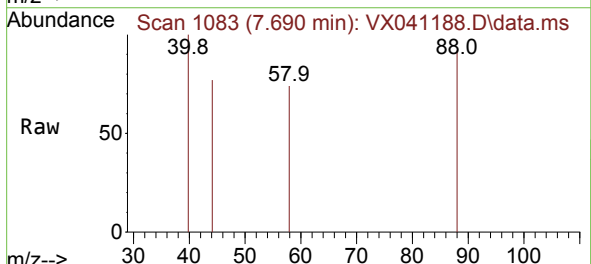
Instrument :
MSVOA_X
ClientSampleId :
IBLK

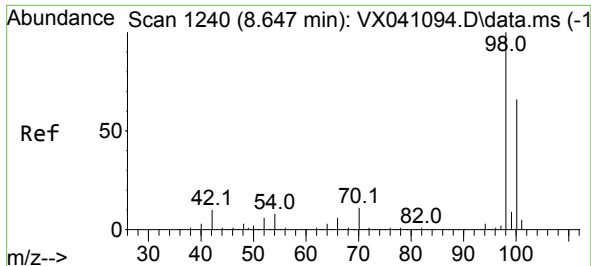
Tgt Ion: 93 Resp: 371
Ion Ratio Lower Upper
93 100
95 70.1 66.6 100.0
174 129.4 69.4 104.0#



#49
1,4-Dioxane
Concen: 8.766 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.012 min
Lab File: VX041188.D
Acq: 22 Apr 2024 13:15

Tgt Ion: 88 Resp: 403
Ion Ratio Lower Upper
88 100
43 10.2 0.0 0.0#
58 36.2 60.1 90.1#

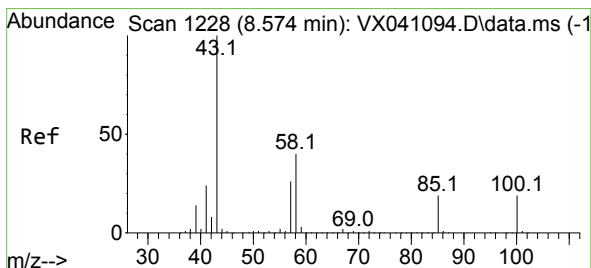
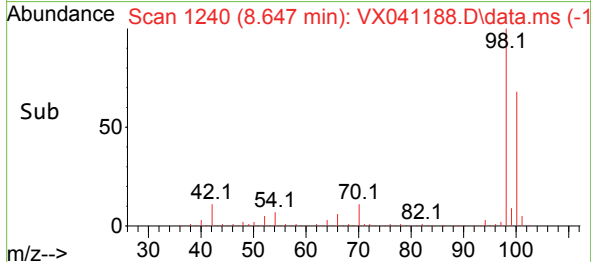
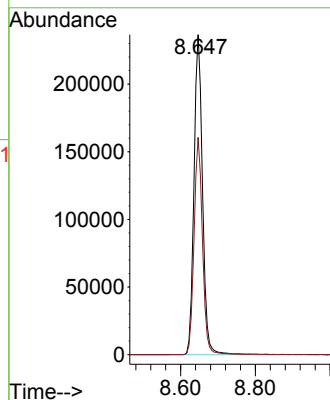
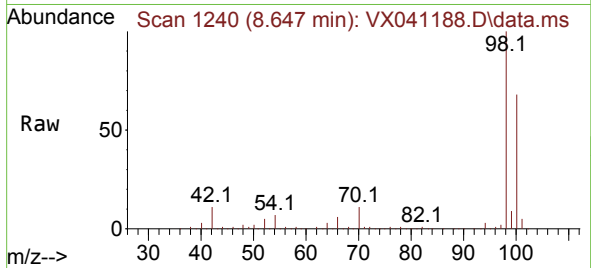




#50
Toluene-d8
Concen: 55.613 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX041188.D
Acq: 22 Apr 2024 13:15

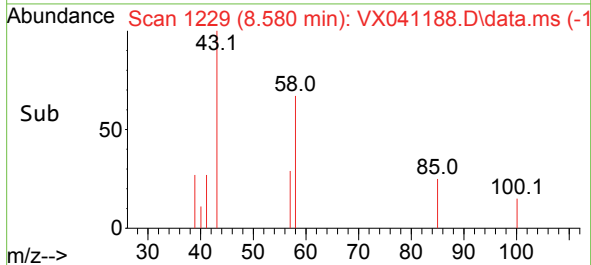
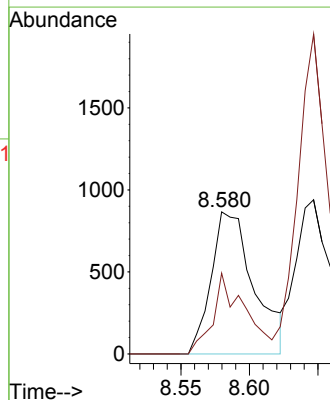
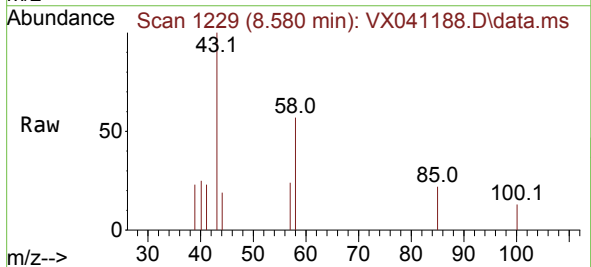
Instrument :
MSVOA_X
ClientSampleId :
IBLK

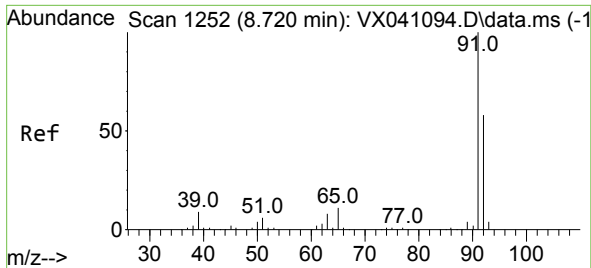
Tgt Ion: 98 Resp: 374668
Ion Ratio Lower Upper
98 100
100 67.1 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.663 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VX041188.D
Acq: 22 Apr 2024 13:15

Tgt Ion: 43 Resp: 1875
Ion Ratio Lower Upper
43 100
58 42.6 30.4 45.6





#52

Toluene

Concen: 0.203 ug/l

RT: 8.726 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX041188.D

Acq: 22 Apr 2024 13:15

Instrument :

MSVOA_X

ClientSampleId :

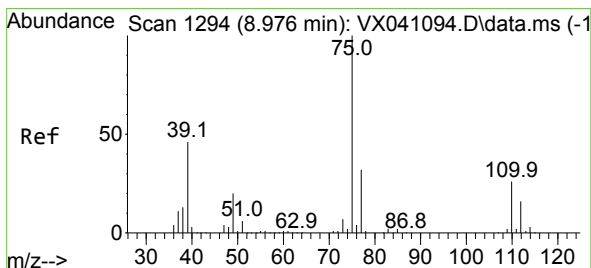
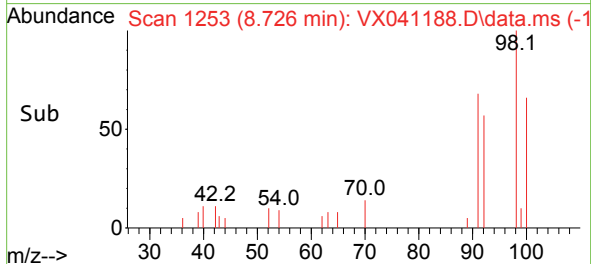
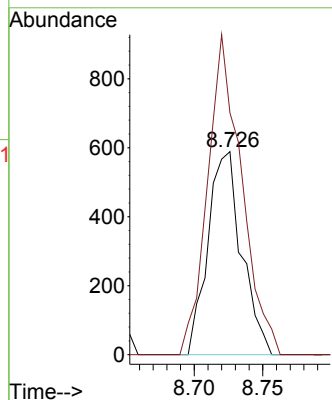
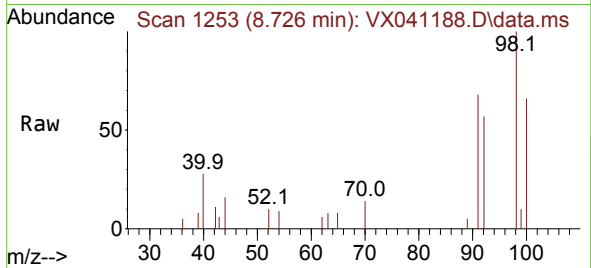
IBLK

Tgt Ion: 92 Resp: 1009

Ion Ratio Lower Upper

92 100

91 158.5 134.2 201.2



#53

t-1,3-Dichloropropene

Concen: 0.231 ug/l

RT: 8.994 min Scan# 1297

Delta R.T. 0.018 min

Lab File: VX041188.D

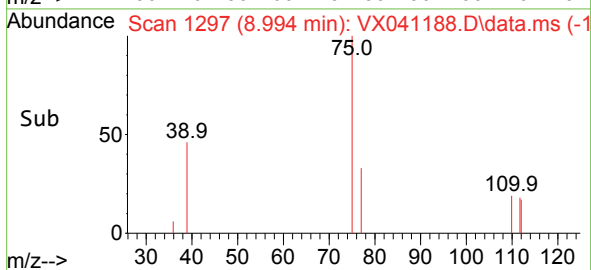
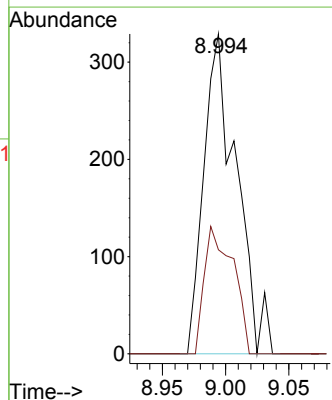
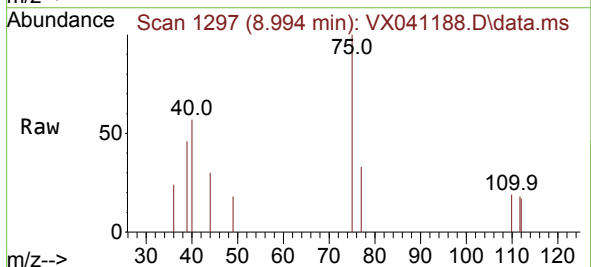
Acq: 22 Apr 2024 13:15

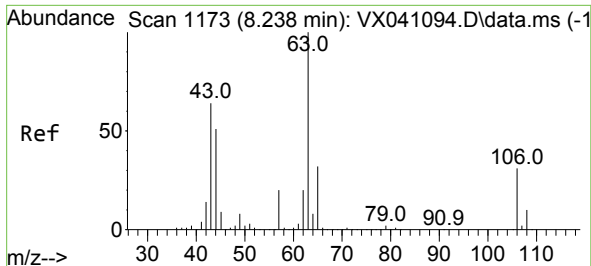
Tgt Ion: 75 Resp: 589

Ion Ratio Lower Upper

75 100

77 32.5 25.7 38.5

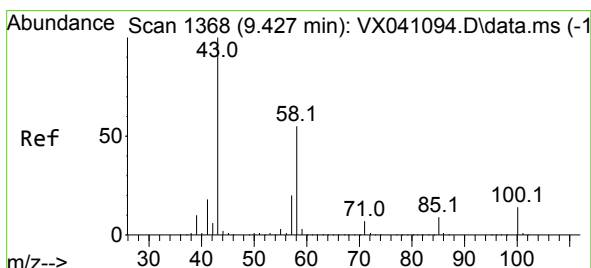
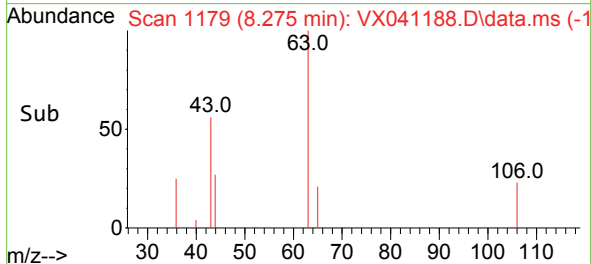
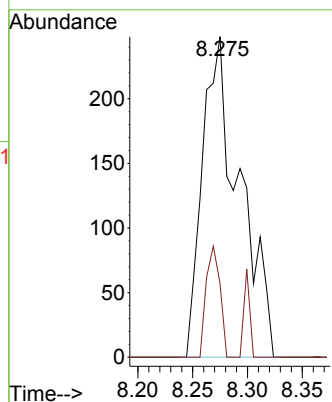
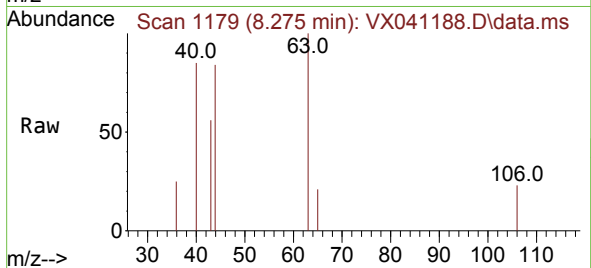




#58
2-Chloroethyl Vinyl ether
Concen: 0.405 ug/l
RT: 8.275 min Scan# 1173
Delta R.T. 0.030 min
Lab File: VX041188.D
Acq: 22 Apr 2024 13:15

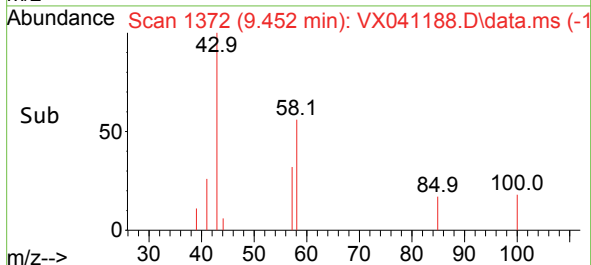
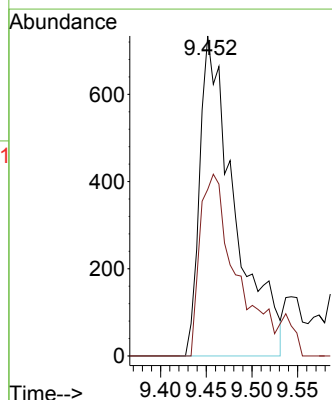
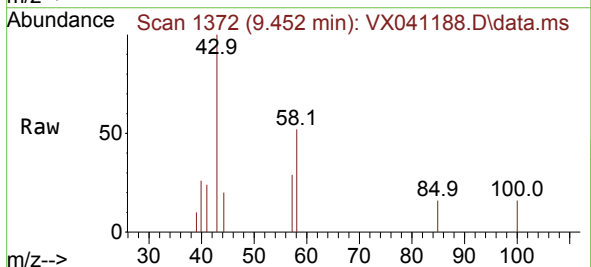
Instrument :
MSVOA_X
ClientSampleId :
IBLK

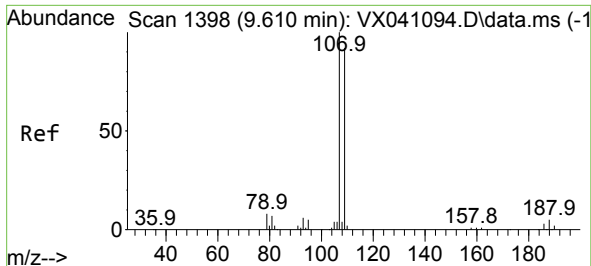
Tgt Ion: 63 Resp: 584
Ion Ratio Lower Upper
63 100
106 12.8 22.5 33.7#



#59
2-Hexanone
Concen: 0.901 ug/l
RT: 9.452 min Scan# 1372
Delta R.T. 0.018 min
Lab File: VX041188.D
Acq: 22 Apr 2024 13:15

Tgt Ion: 43 Resp: 1952
Ion Ratio Lower Upper
43 100
58 58.9 26.2 78.5

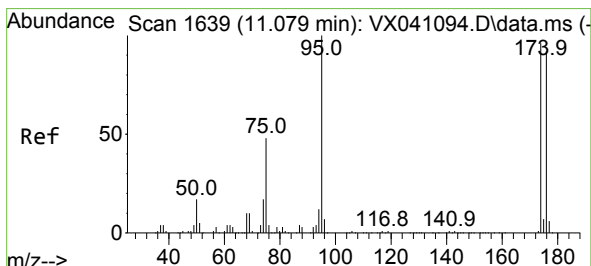
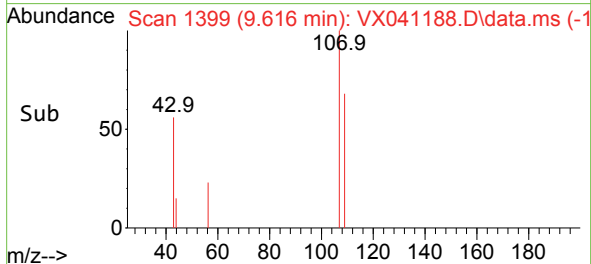
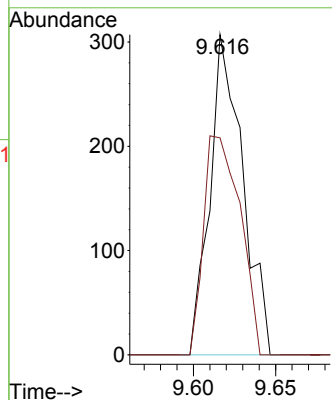
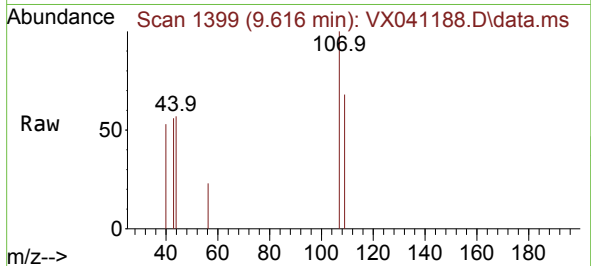




#61
1,2-Dibromoethane
Concen: 0.205 ug/l
RT: 9.616 min Scan# 1399
Delta R.T. 0.006 min
Lab File: VX041188.D
Acq: 22 Apr 2024 13:15

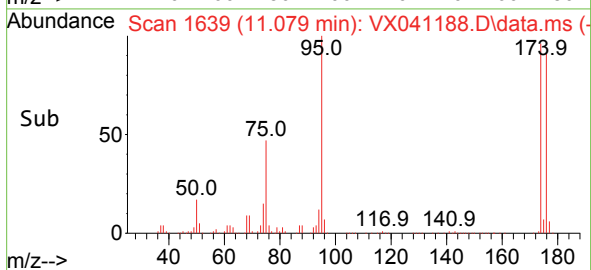
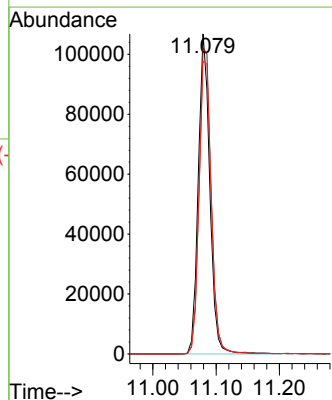
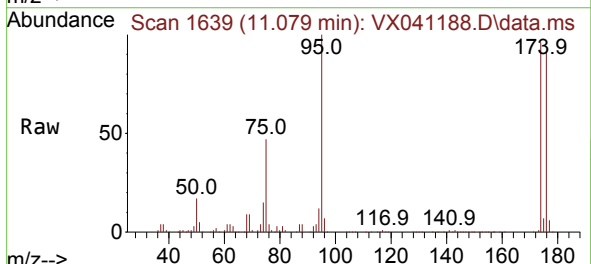
Instrument :
MSVOA_X
ClientSampleId :
IBLK

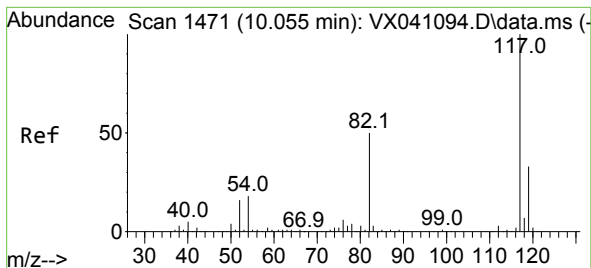
Tgt Ion:107 Resp: 427
Ion Ratio Lower Upper
107 100
109 76.1 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 54.466 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX041188.D
Acq: 22 Apr 2024 13:15

Tgt Ion: 95 Resp: 135437
Ion Ratio Lower Upper
95 100
174 100.8 0.0 135.6
176 97.6 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX041188.D

Acq: 22 Apr 2024 13:15

Instrument :

MSVOA_X

ClientSampleId :

IBLK

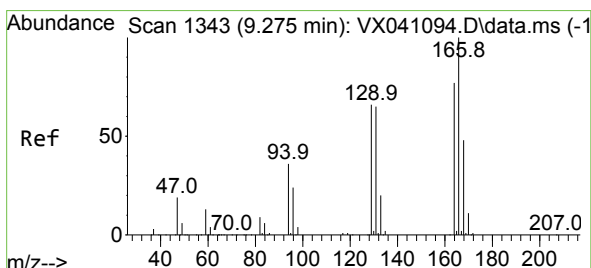
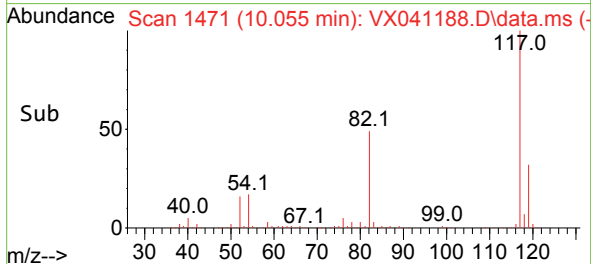
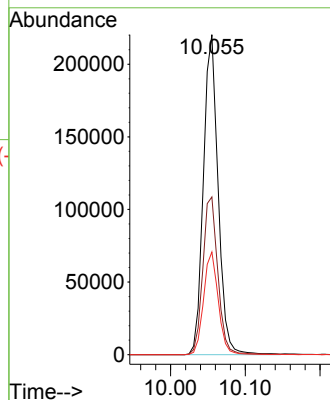
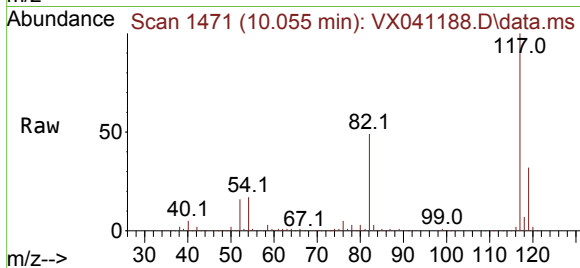
Tgt Ion:117 Resp: 301378

Ion Ratio Lower Upper

117 100

82 49.3 46.2 69.4

119 32.1 25.5 38.3



#64

Tetrachloroethene

Concen: 0.372 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. 0.006 min

Lab File: VX041188.D

Acq: 22 Apr 2024 13:15

Tgt Ion:164 Resp: 859

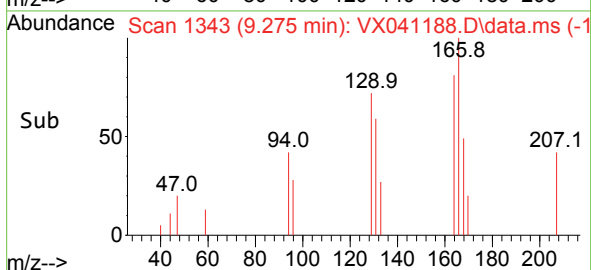
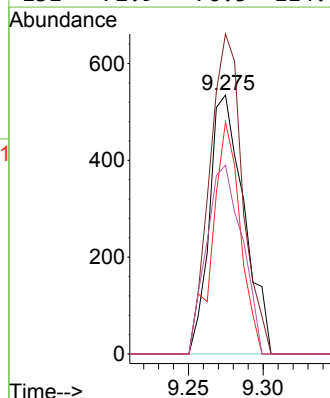
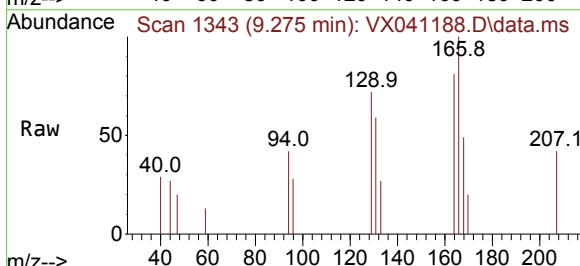
Ion Ratio Lower Upper

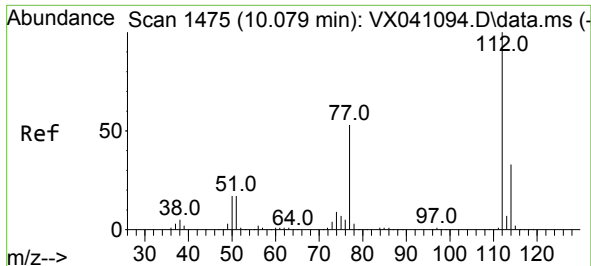
164 100

166 123.6 102.7 154.1

129 89.5 80.4 120.6

131 72.9 76.5 114.7#

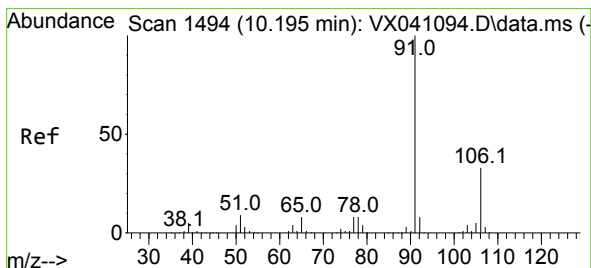
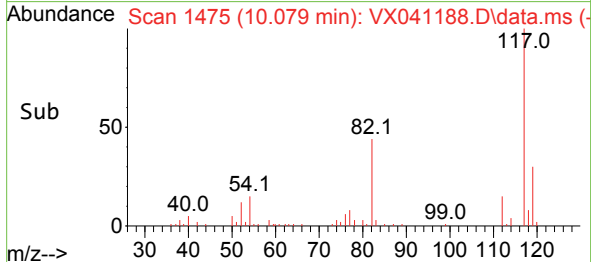
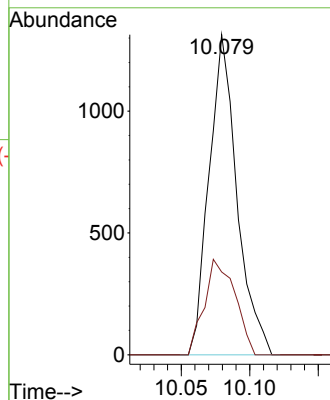
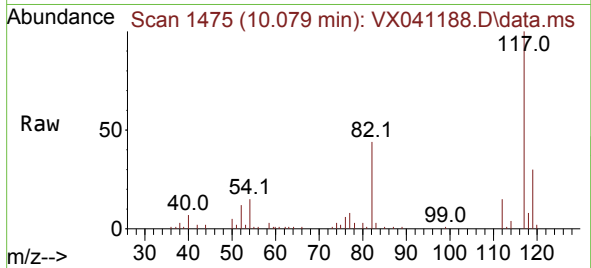




#65
Chlorobenzene
Concen: 0.300 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX041188.D
Acq: 22 Apr 2024 13:15

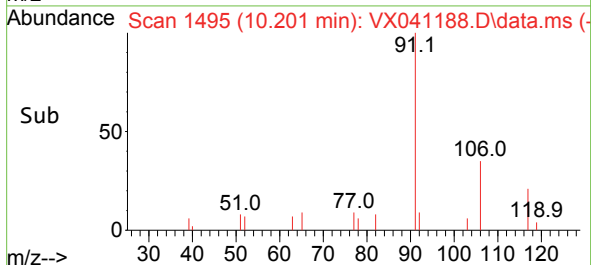
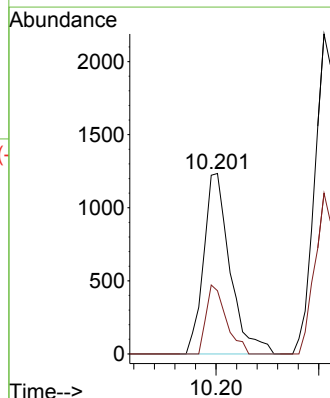
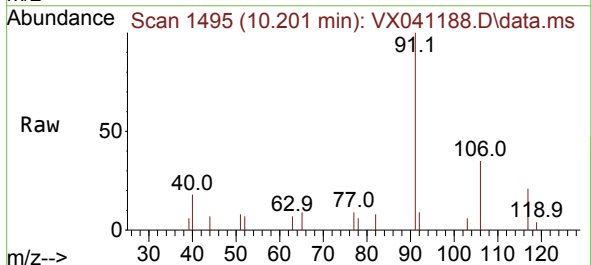
Instrument :
MSVOA_X
ClientSampleId :
IBLK

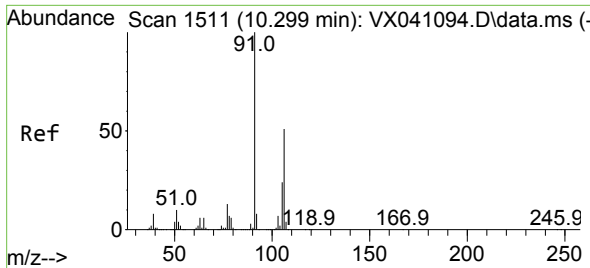
Tgt Ion:112 Resp: 1861
Ion Ratio Lower Upper
112 100
114 25.9 25.7 38.5



#67
Ethyl Benzene
Concen: 0.223 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX041188.D
Acq: 22 Apr 2024 13:15

Tgt Ion: 91 Resp: 2203
Ion Ratio Lower Upper
91 100
106 35.0 24.9 37.3

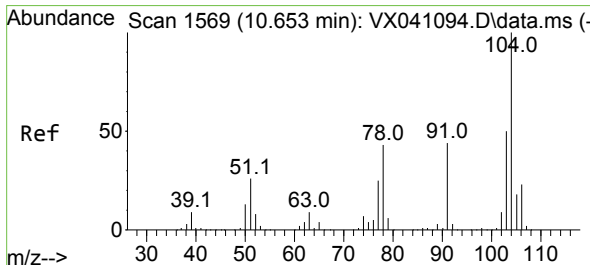
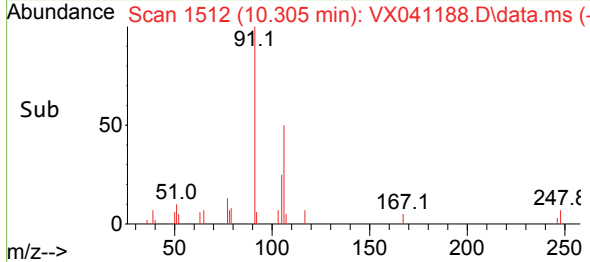
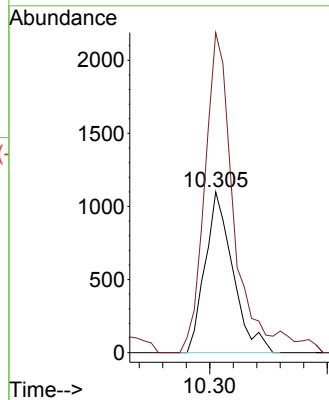
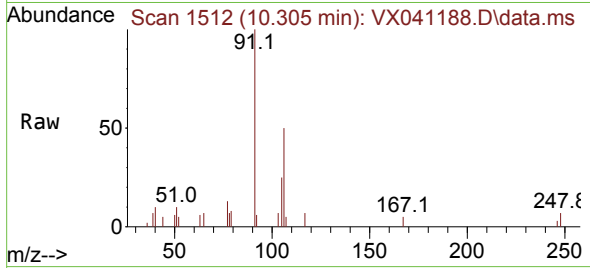




#68
m/p-Xylenes
Concen: 0.452 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX041188.D
Acq: 22 Apr 2024 13:15

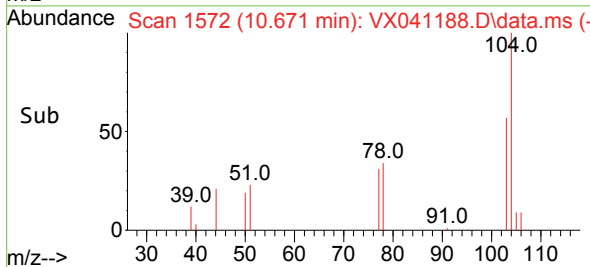
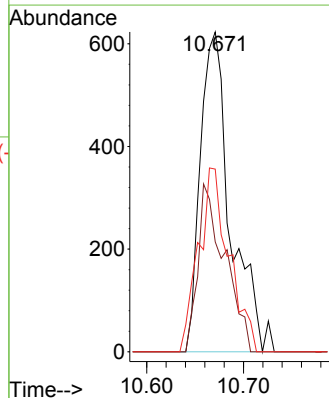
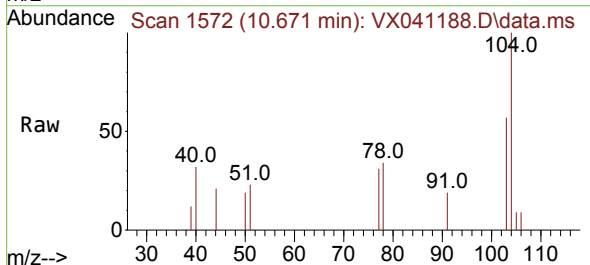
Instrument :
MSVOA_X
ClientSampleId :
IBLK

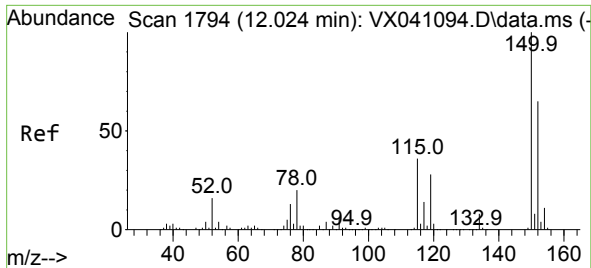
Tgt Ion:106 Resp: 1806
Ion Ratio Lower Upper
106 100
91 201.3 165.5 248.3



#70
Styrene
Concen: 0.214 ug/l
RT: 10.671 min Scan# 1572
Delta R.T. 0.018 min
Lab File: VX041188.D
Acq: 22 Apr 2024 13:15

Tgt Ion:104 Resp: 1354
Ion Ratio Lower Upper
104 100
78 46.5 43.6 65.4
103 57.8 43.6 65.4

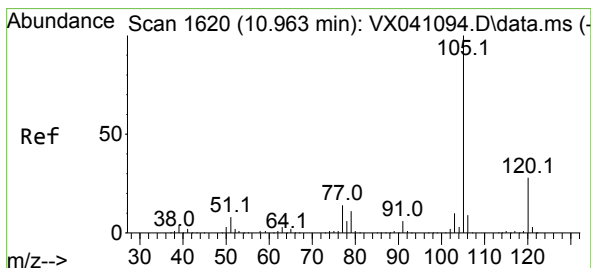
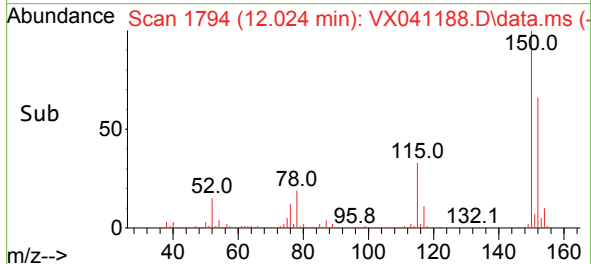
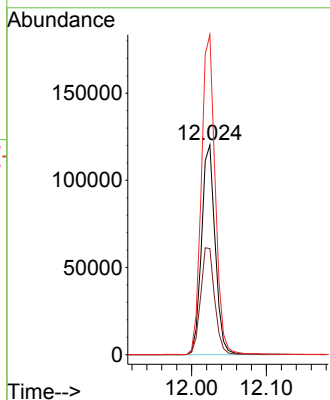
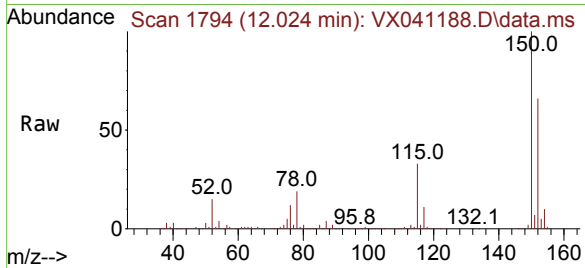




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX041188.D
 Acq: 22 Apr 2024 13:15

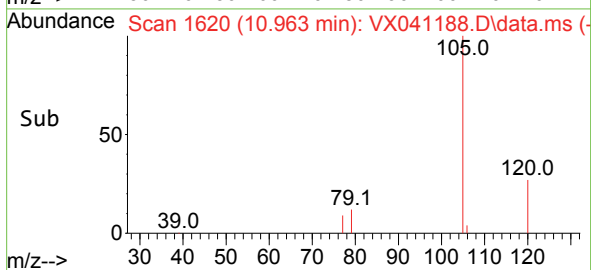
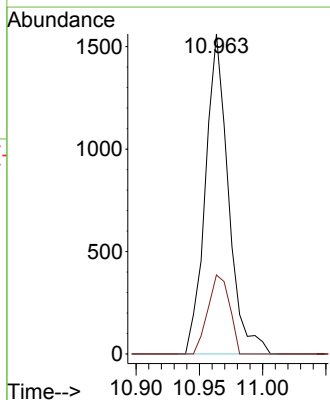
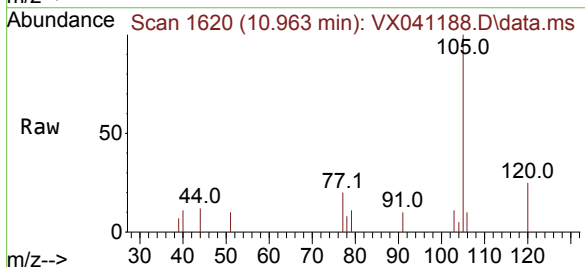
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

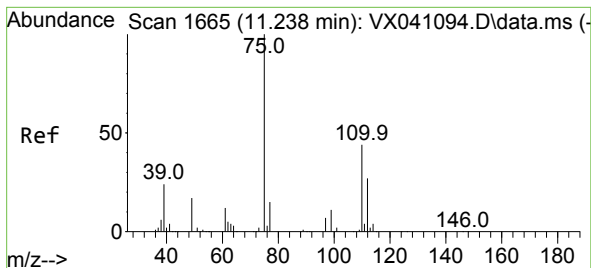
Tgt Ion:152 Resp: 152973
 Ion Ratio Lower Upper
 152 100
 115 52.6 43.3 129.9
 150 153.9 0.0 345.0



#73
 Isopropylbenzene
 Concen: 0.208 ug/l
 RT: 10.963 min Scan# 1620
 Delta R.T. -0.000 min
 Lab File: VX041188.D
 Acq: 22 Apr 2024 13:15

Tgt Ion:105 Resp: 1978
 Ion Ratio Lower Upper
 105 100
 120 23.2 12.9 38.6





#76

1,2,3-Trichloropropane

Concen: 26.217 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX041188.D

Acq: 22 Apr 2024 13:15

Instrument :

MSVOA_X

ClientSampleId :

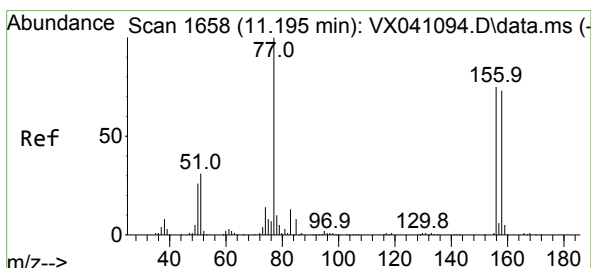
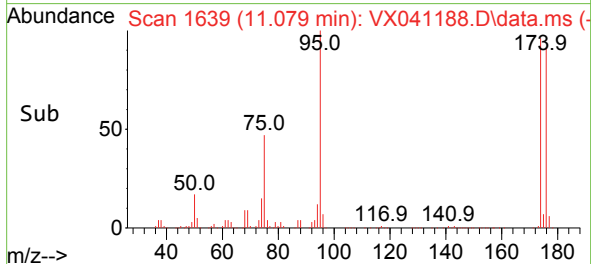
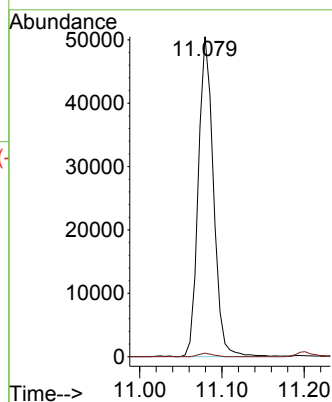
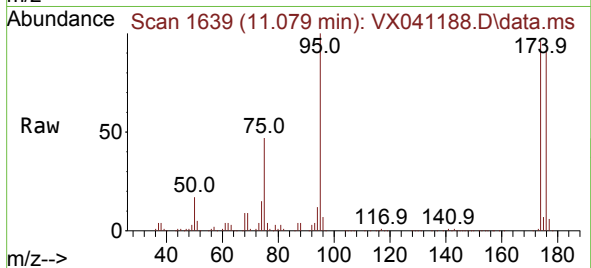
IBLK

Tgt Ion: 75 Resp: 64615

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#77

Bromobenzene

Concen: 0.307 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. -0.000 min

Lab File: VX041188.D

Acq: 22 Apr 2024 13:15

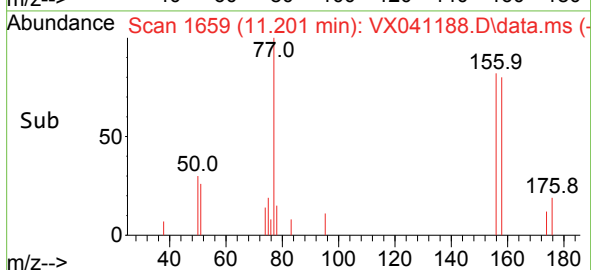
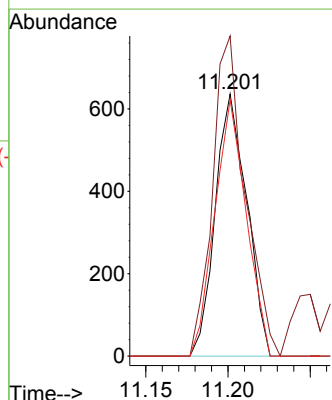
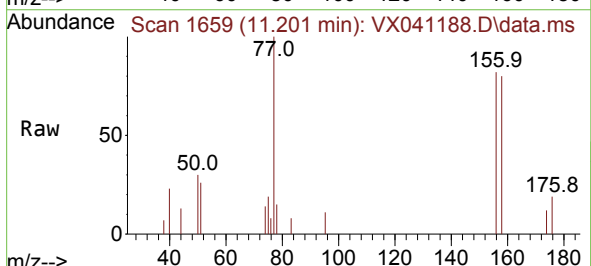
Tgt Ion:156 Resp: 850

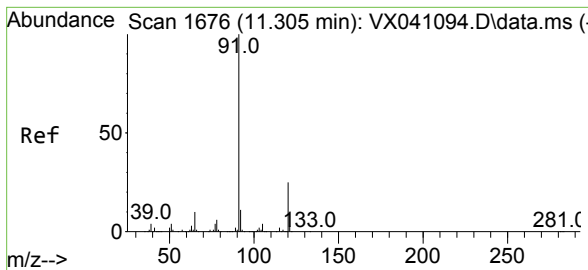
Ion Ratio Lower Upper

156 100

77 125.9 88.4 265.3

158 97.6 48.0 144.0





#78

n-propylbenzene

Concen: 0.303 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX041188.D

Acq: 22 Apr 2024 13:15

Instrument :

MSVOA_X

ClientSampleId :

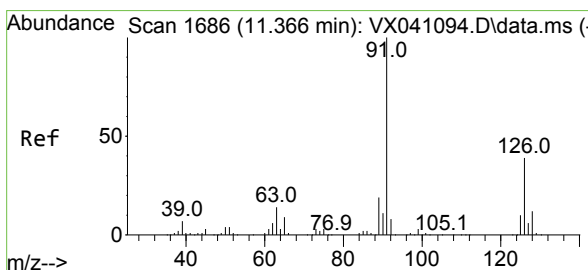
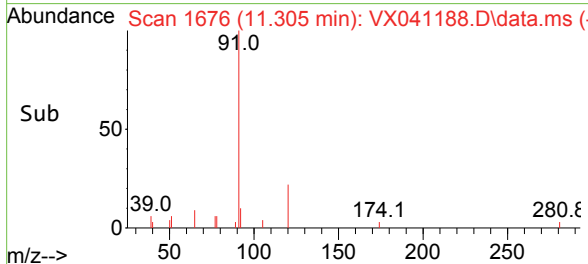
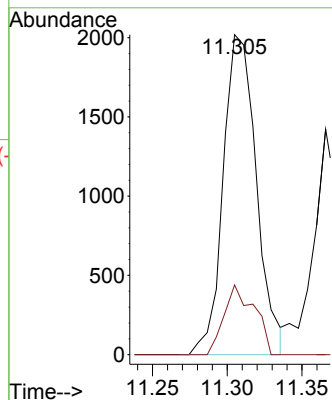
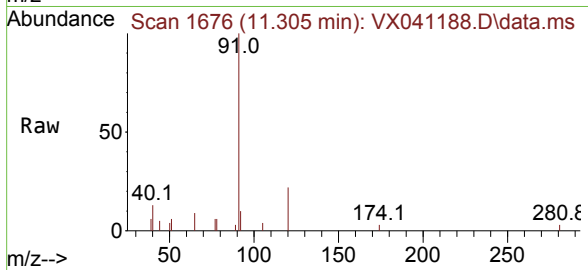
IBLK

Tgt Ion: 91 Resp: 3119

Ion Ratio Lower Upper

91 100

120 19.9 11.5 34.4



#79

2-Chlorotoluene

Concen: 0.304 ug/l

RT: 11.366 min Scan# 1686

Delta R.T. -0.000 min

Lab File: VX041188.D

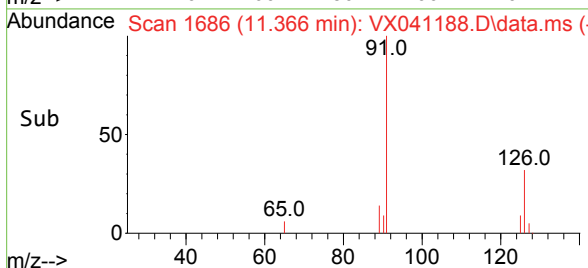
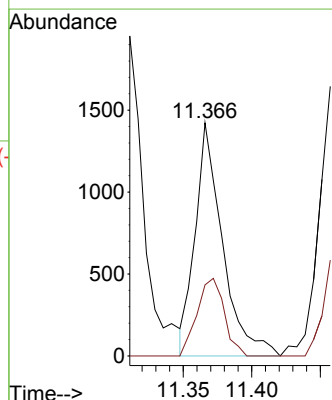
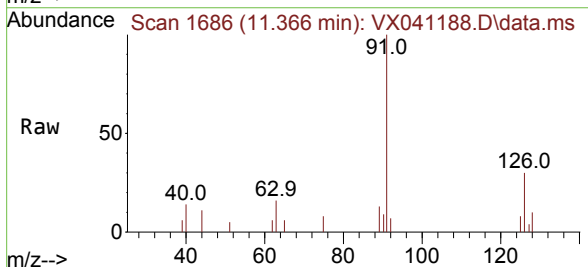
Acq: 22 Apr 2024 13:15

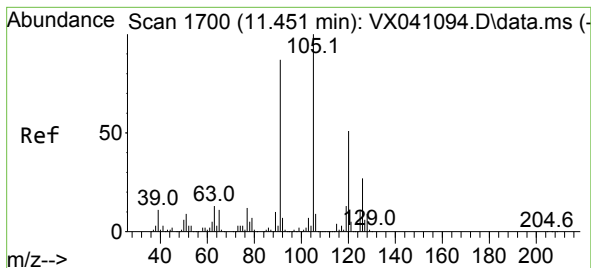
Tgt Ion: 91 Resp: 1975

Ion Ratio Lower Upper

91 100

126 33.0 16.3 48.8





#80

1,3,5-Trimethylbenzene

Concen: 0.251 ug/l

RT: 11.457 min Scan# 1701

Delta R.T. 0.006 min

Lab File: VX041188.D

Acq: 22 Apr 2024 13:15

Instrument :

MSVOA_X

ClientSampleId :

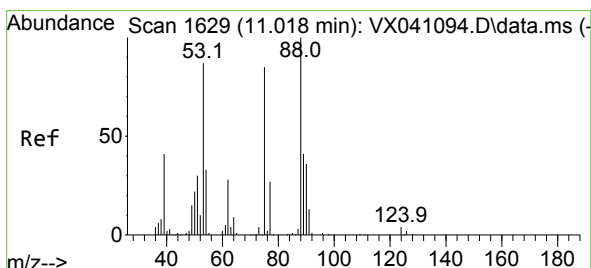
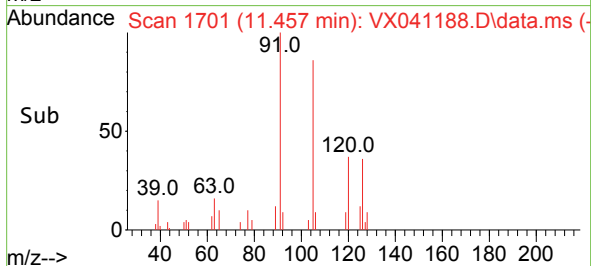
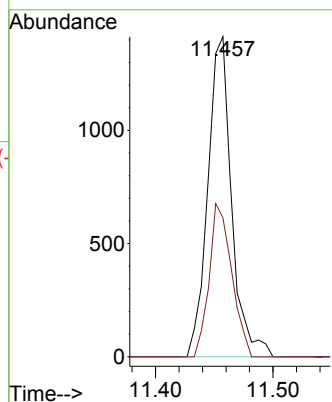
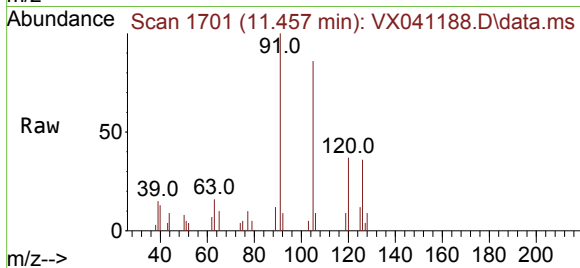
IBLK

Tgt Ion:105 Resp: 1988

Ion Ratio Lower Upper

105 100

120 45.2 24.1 72.3



#81

trans-1,4-Dichloro-2-butene

Concen: 73.965 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX041188.D

Acq: 22 Apr 2024 13:15

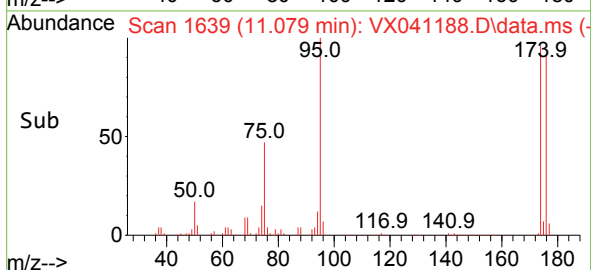
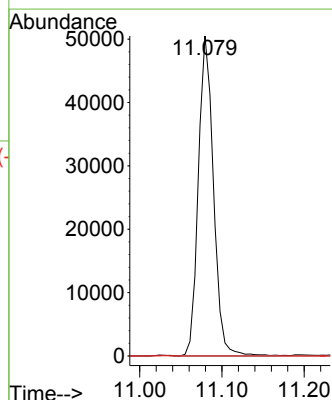
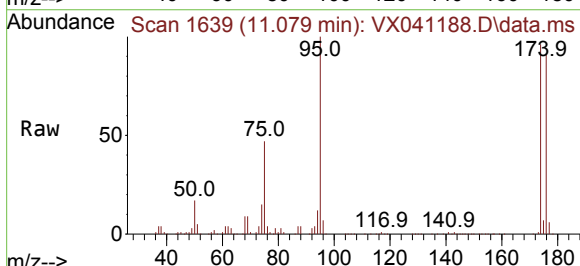
Tgt Ion: 75 Resp: 64615

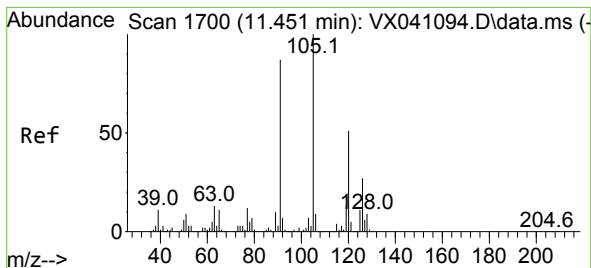
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#





#82

4-Chlorotoluene

Concen: 0.416 ug/l

RT: 11.463 min Scan# 1700

Delta R.T. 0.012 min

Lab File: VX041188.D

Acq: 22 Apr 2024 13:15

Instrument :

MSVOA_X

ClientSampleId :

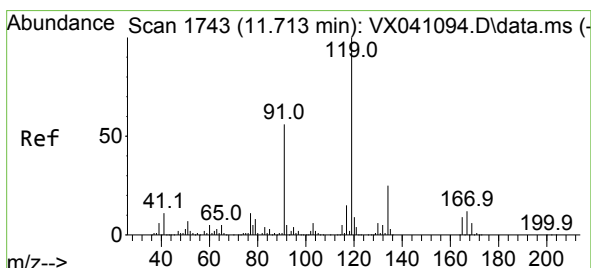
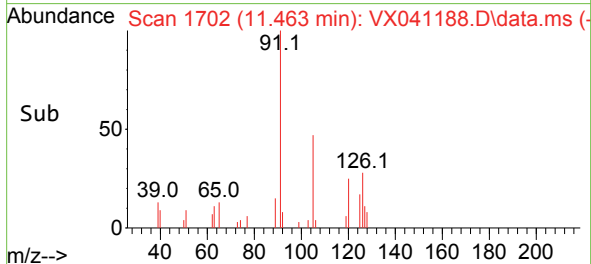
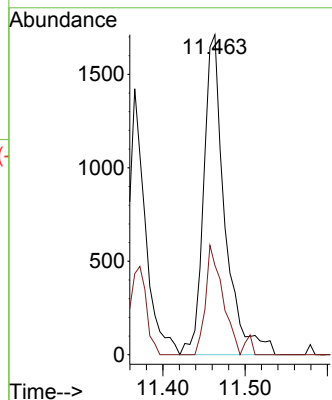
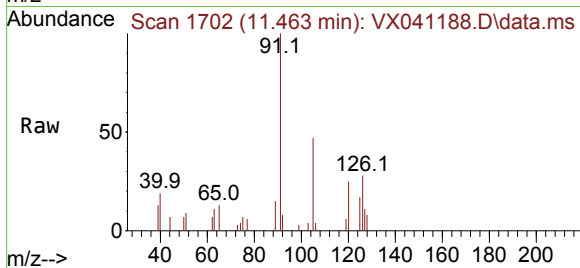
IBLK

Tgt Ion: 91 Resp: 3064

Ion Ratio Lower Upper

91 100

126 27.7 14.2 42.6



#83

tert-Butylbenzene

Concen: 0.203 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX041188.D

Acq: 22 Apr 2024 13:15

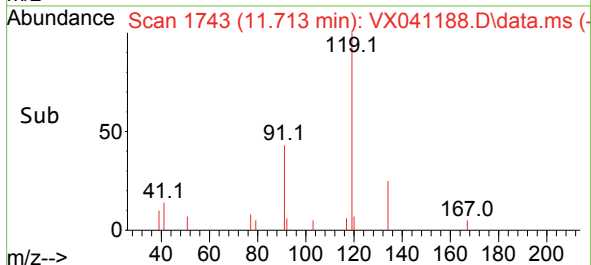
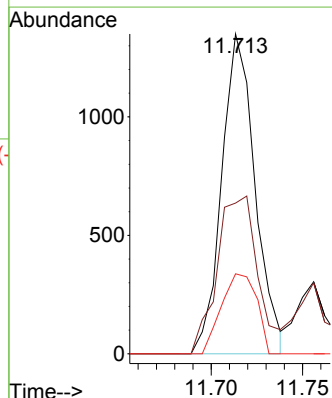
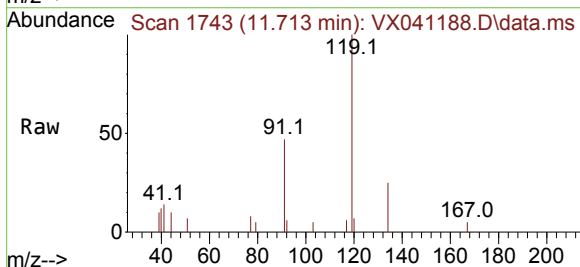
Tgt Ion: 119 Resp: 1718

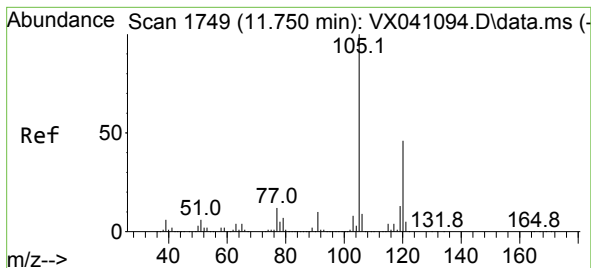
Ion Ratio Lower Upper

119 100

91 60.3 31.2 93.6

134 26.4 11.7 35.0





#84

1,2,4-Trimethylbenzene

Concen: 0.263 ug/l

RT: 11.756 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VX041188.D

Acq: 22 Apr 2024 13:15

Instrument :

MSVOA_X

ClientSampleId :

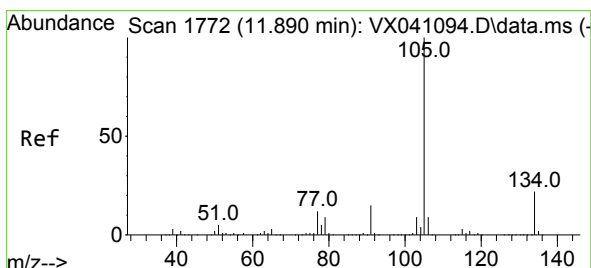
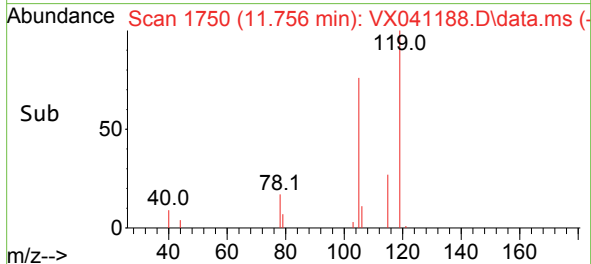
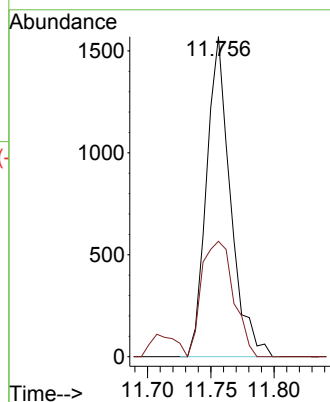
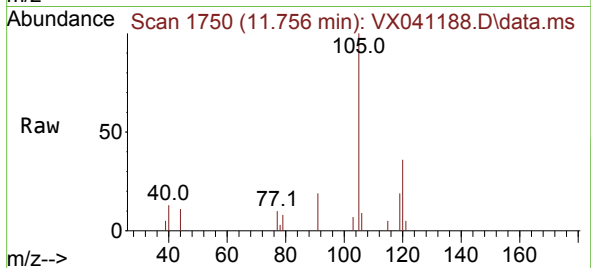
IBLK

Tgt Ion:105 Resp: 2068

Ion Ratio Lower Upper

105 100

120 48.2 21.2 63.6



#85

sec-Butylbenzene

Concen: 0.272 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX041188.D

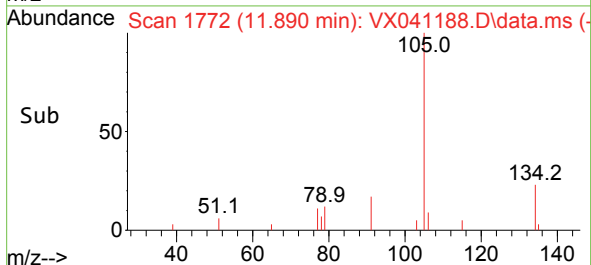
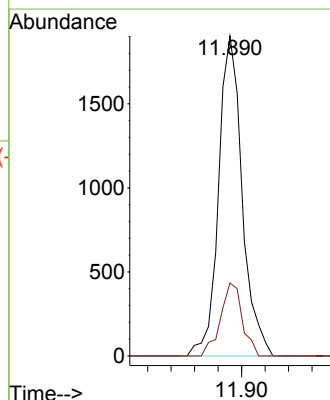
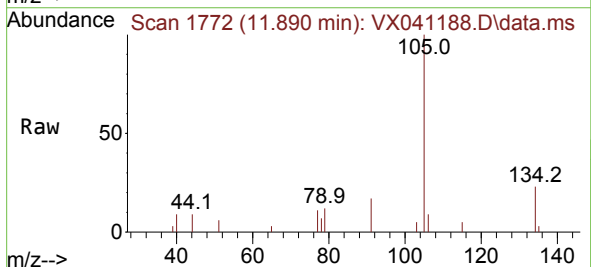
Acq: 22 Apr 2024 13:15

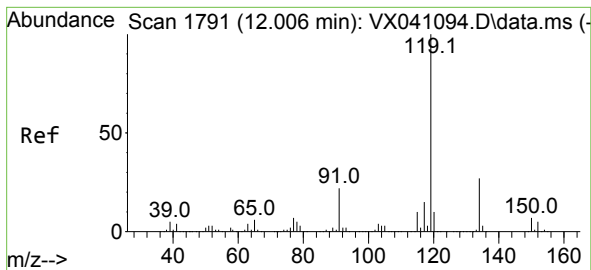
Tgt Ion:105 Resp: 2659

Ion Ratio Lower Upper

105 100

134 21.1 9.8 29.4





#86

p-Isopropyltoluene

Concen: 0.283 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. 0.006 min

Lab File: VX041188.D

Acq: 22 Apr 2024 13:15

Instrument :

MSVOA_X

ClientSampleId :

IBLK

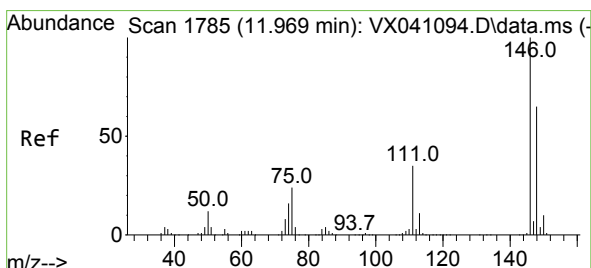
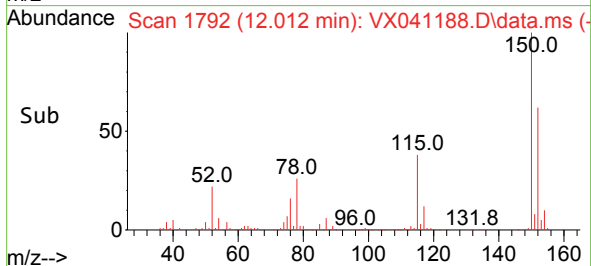
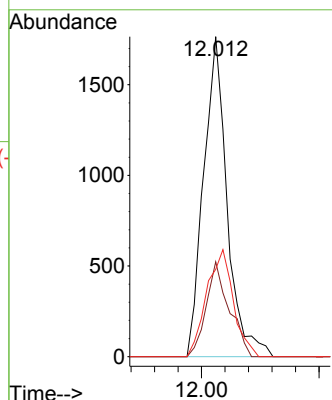
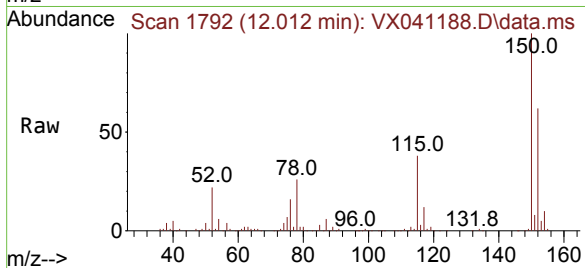
Tgt Ion:119 Resp: 2442

Ion Ratio Lower Upper

119 100

134 29.0 12.8 38.3

91 38.0 13.1 39.3



#87

1,3-Dichlorobenzene

Concen: 0.485 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX041188.D

Acq: 22 Apr 2024 13:15

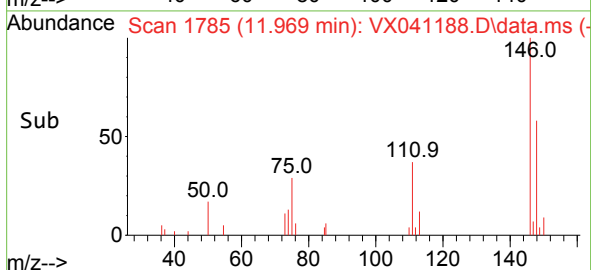
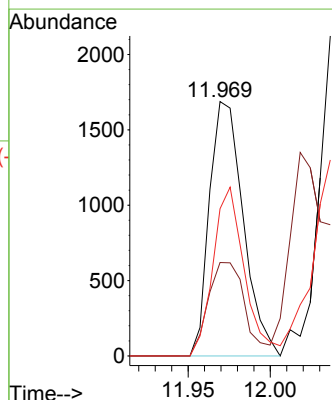
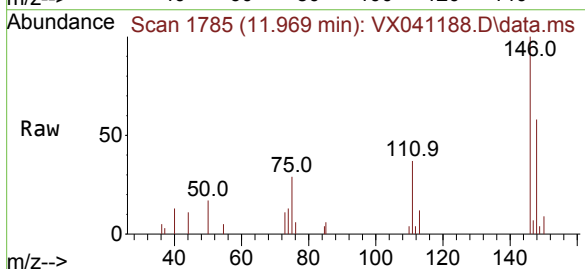
Tgt Ion:146 Resp: 2414

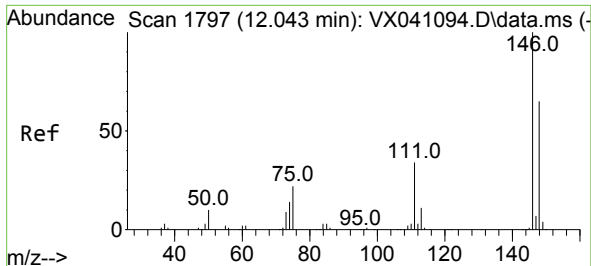
Ion Ratio Lower Upper

146 100

111 39.9 22.1 66.1

148 61.7 31.8 95.3

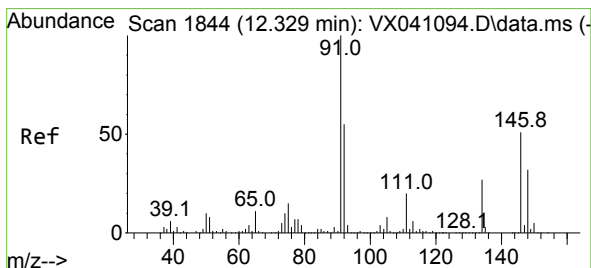
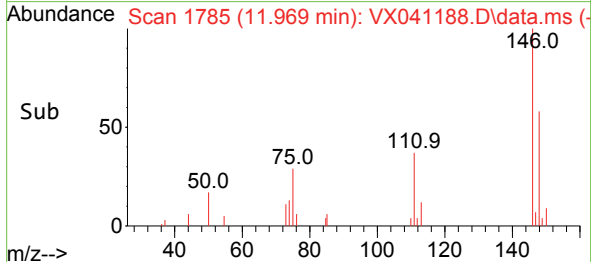
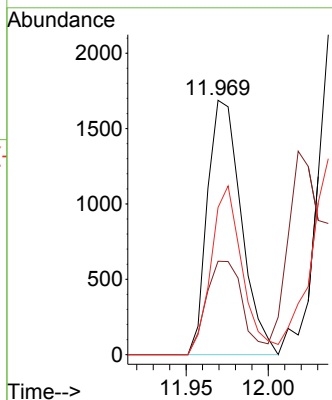
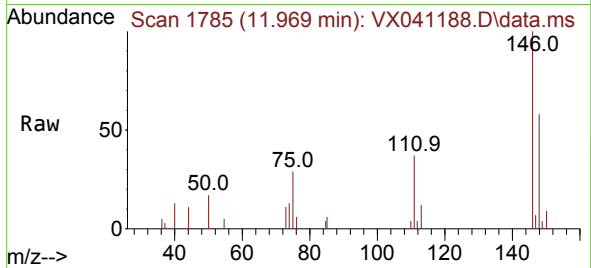




#88
1,4-Dichlorobenzene
Concen: 0.473 ug/l
RT: 11.969 min Scan# 11
Delta R.T. -0.073 min
Lab File: VX041188.D
Acq: 22 Apr 2024 13:15

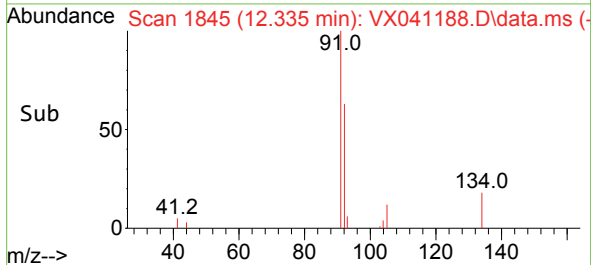
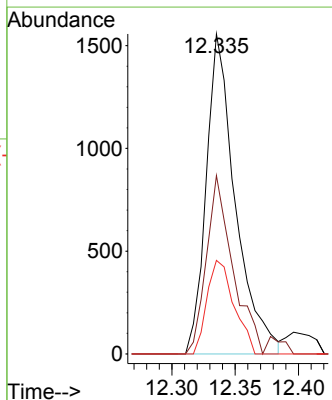
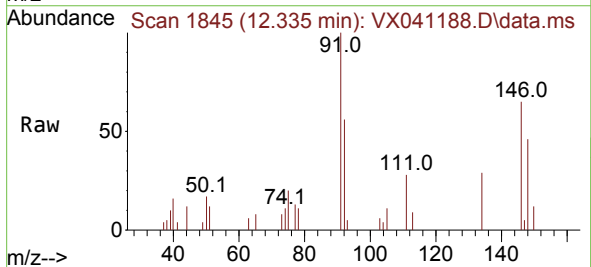
Instrument :
MSVOA_X
ClientSampleId :
IBLK

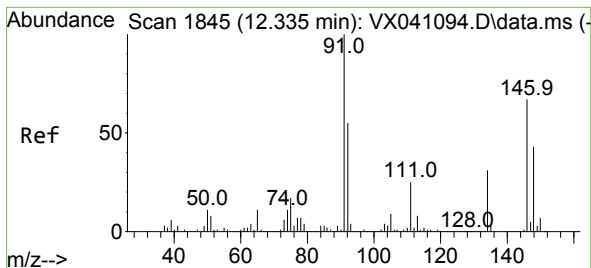
Tgt Ion:146 Resp: 2414
Ion Ratio Lower Upper
146 100
111 39.9 21.3 63.7
148 61.7 31.8 95.4



#89
n-Butylbenzene
Concen: 0.381 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX041188.D
Acq: 22 Apr 2024 13:15

Tgt Ion: 91 Resp: 2493
Ion Ratio Lower Upper
91 100
92 50.5 27.4 82.0
134 27.1 12.6 37.8





#91

1,2-Dichlorobenzene

Concen: 0.376 ug/l

RT: 12.341 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX041188.D

Acq: 22 Apr 2024 13:15

Instrument :

MSVOA_X

ClientSampleId :

IBLK

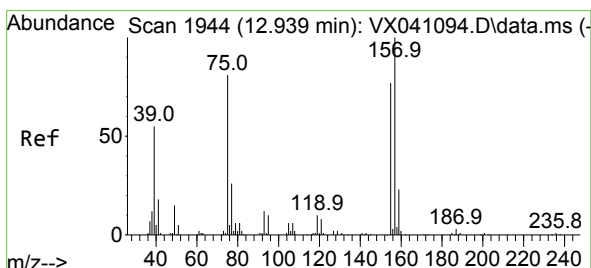
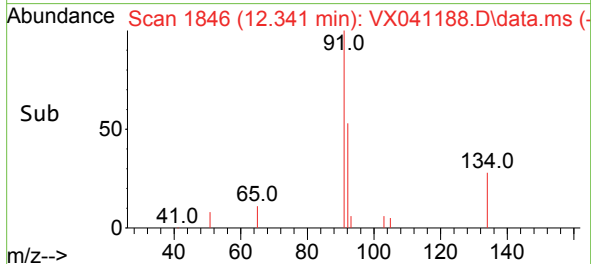
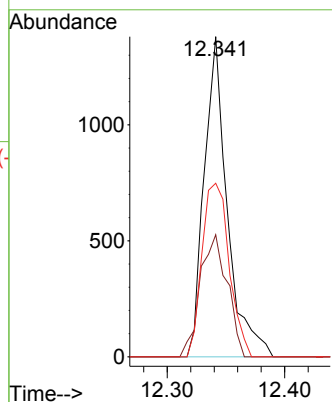
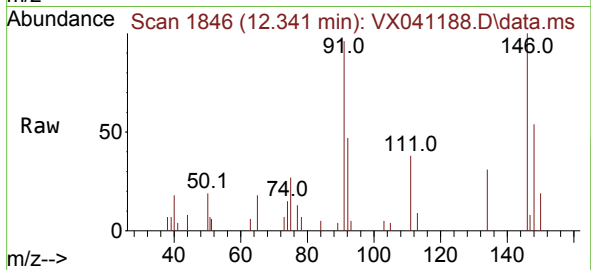
Tgt Ion:146 Resp: 1876

Ion Ratio Lower Upper

146 100

111 44.7 22.4 67.0

148 64.1 31.6 95.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.270 ug/l

RT: 12.951 min Scan# 1946

Delta R.T. 0.012 min

Lab File: VX041188.D

Acq: 22 Apr 2024 13:15

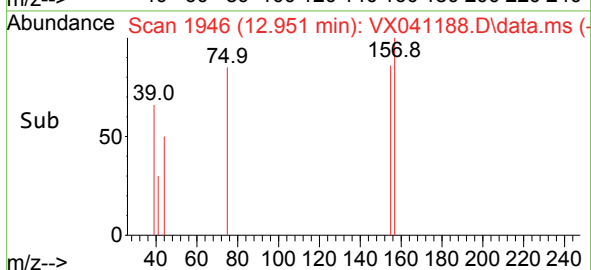
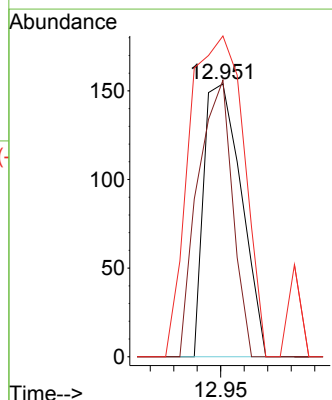
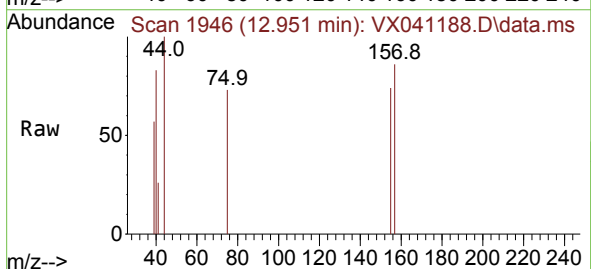
Tgt Ion: 75 Resp: 170

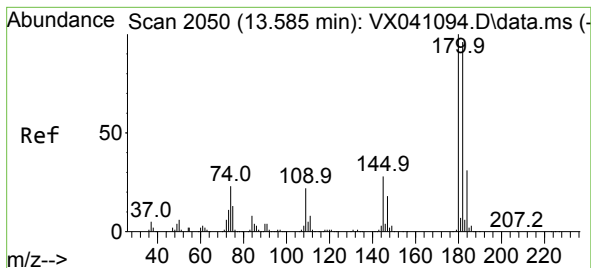
Ion Ratio Lower Upper

75 100

155 93.5 36.1 108.5

157 172.4 44.9 134.7#





#93

1,2,4-Trichlorobenzene

Concen: 1.051 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX041188.D

Acq: 22 Apr 2024 13:15

Instrument :

MSVOA_X

ClientSampleId :

IBLK

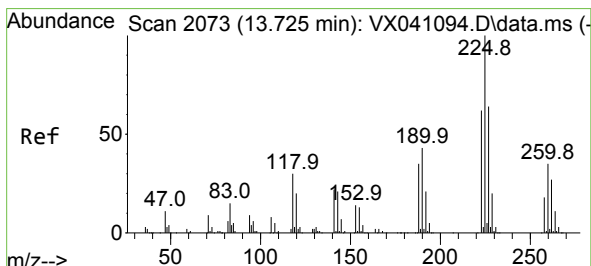
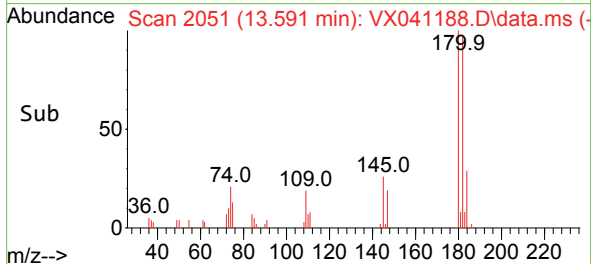
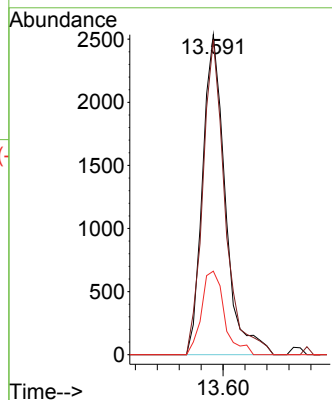
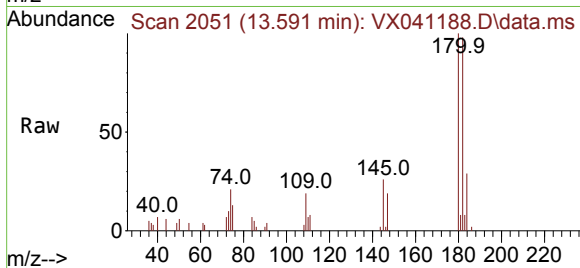
Tgt Ion:180 Resp: 3632

Ion Ratio Lower Upper

180 100

182 96.9 48.3 144.8

145 26.4 18.0 54.0



#94

Hexachlorobutadiene

Concen: 0.503 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX041188.D

Acq: 22 Apr 2024 13:15

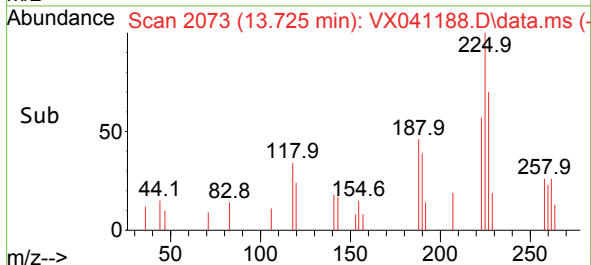
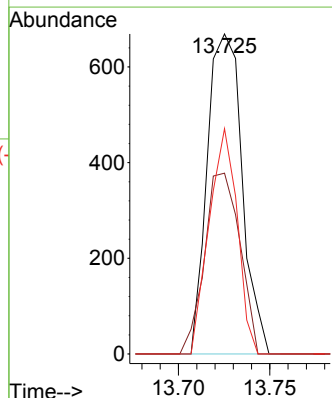
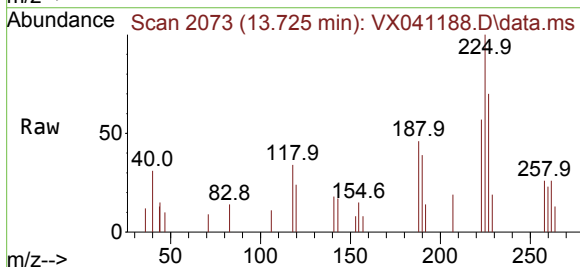
Tgt Ion:225 Resp: 888

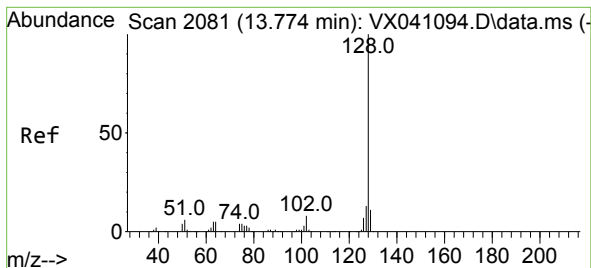
Ion Ratio Lower Upper

225 100

223 57.7 31.1 93.2

227 56.9 32.5 97.5





#95

Naphthalene

Concen: 1.582 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX041188.D

Acq: 22 Apr 2024 13:15

Instrument :

MSVOA_X

ClientSampleId :

IBLK

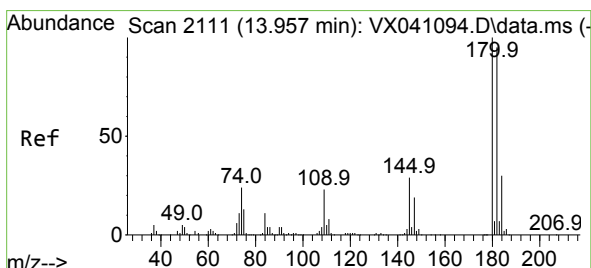
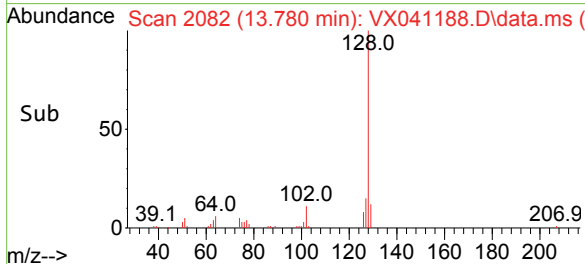
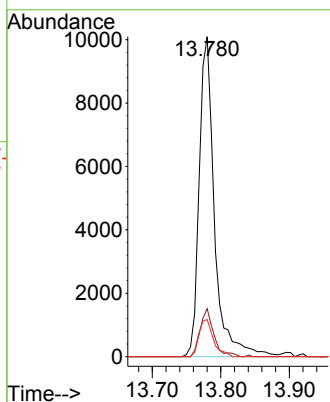
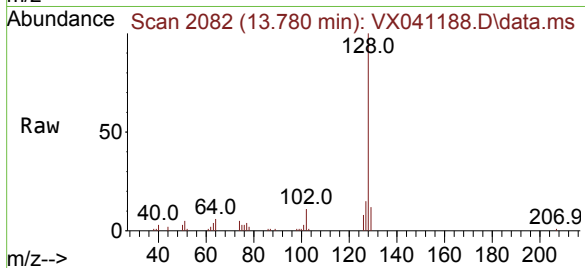
Tgt Ion:128 Resp: 15707

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

129 11.1 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 1.267 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX041188.D

Acq: 22 Apr 2024 13:15

Tgt Ion:180 Resp: 4610

Ion Ratio Lower Upper

180 100

182 93.4 46.9 140.6

145 28.7 17.8 53.5

