

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081723\
 Data File : VX037057.D
 Acq On : 17 Aug 2023 13:34
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Aug 18 06:03:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 05:51:31 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	132004	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	242874	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	238510	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	116875	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	90113	47.351	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.700%
35) Dibromofluoromethane	5.379	113	77805	48.371	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.740%
50) Toluene-d8	8.647	98	294029	50.394	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.780%
62) 4-Bromofluorobenzene	11.079	95	123841	54.010	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.020%

Target Compounds				Qvalue		
5) Bromomethane	1.599	94	397	0.546	ug/l #	68
11) Tert butyl alcohol	2.965	59	641	1.436	ug/l #	78
13) Acrolein	2.239	56	315	0.928	ug/l #	43
15) Acrylonitrile	3.069	53	691	0.867	ug/l	90
16) Acetone	2.386	43	1086	1.459	ug/l	94
17) Carbon Disulfide	2.508	76	2424	0.701	ug/l #	90
18) Methyl Acetate	2.703	43	848	0.303	ug/l #	86
20) Methylene Chloride	2.782	84	1104	0.663	ug/l #	72
21) trans-1,2-Dichloroethene	3.087	96	387	0.251	ug/l #	74
23) Vinyl Acetate	3.733	43	1500	0.454	ug/l #	94
25) 2-Butanone	4.587	43	951	0.848	ug/l #	51
29) Tetrahydrofuran	5.032	42	372	0.520	ug/l #	65
36) 1,1-Dichloropropene	5.544	75	10953	4.793	ug/l #	51
38) Carbon Tetrachloride	5.550	117	14329	5.772	ug/l #	15
44) Trichloroethene	7.129	130	468	0.252	ug/l	88
49) 1,4-Dioxane	7.684	88	114	2.342	ug/l #	12
51) 4-Methyl-2-Pentanone	8.580	43	1152	0.512	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.257	63	510	0.385	ug/l #	70
59) 2-Hexanone	9.445	43	976	0.569	ug/l	95
64) Tetrachloroethene	9.275	164	379	0.218	ug/l	87
65) Chlorobenzene	10.079	112	1054	0.209	ug/l	89
67) Ethyl Benzene	10.195	91	2558	0.288	ug/l	94
68) m/p-Xylenes	10.305	106	1484	0.433	ug/l	89
76) 1,2,3-Trichloropropane	11.079	75	63692	25.589	ug/l #	39
77) Bromobenzene	11.195	156	471	0.227	ug/l	89
78) n-propylbenzene	11.305	91	2426	0.256	ug/l	95
79) 2-Chlorotoluene	11.366	91	1601	0.265	ug/l	86
80) 1,3,5-Trimethylbenzene	11.451	105	1824	0.257	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.079	75	63692	71.471	ug/l #	5
82) 4-Chlorotoluene	11.457	91	2040	0.292	ug/l	99
83) tert-Butylbenzene	11.713	119	1867	0.276	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	2518	0.352	ug/l	98
85) sec-Butylbenzene	11.890	105	3517	0.446	ug/l	100
86) p-Isopropyltoluene	12.012	119	3012	0.443	ug/l	83
87) 1,3-Dichlorobenzene	11.975	146	1484	0.382	ug/l	95
88) 1,4-Dichlorobenzene	11.975	146	1484	0.376	ug/l	96

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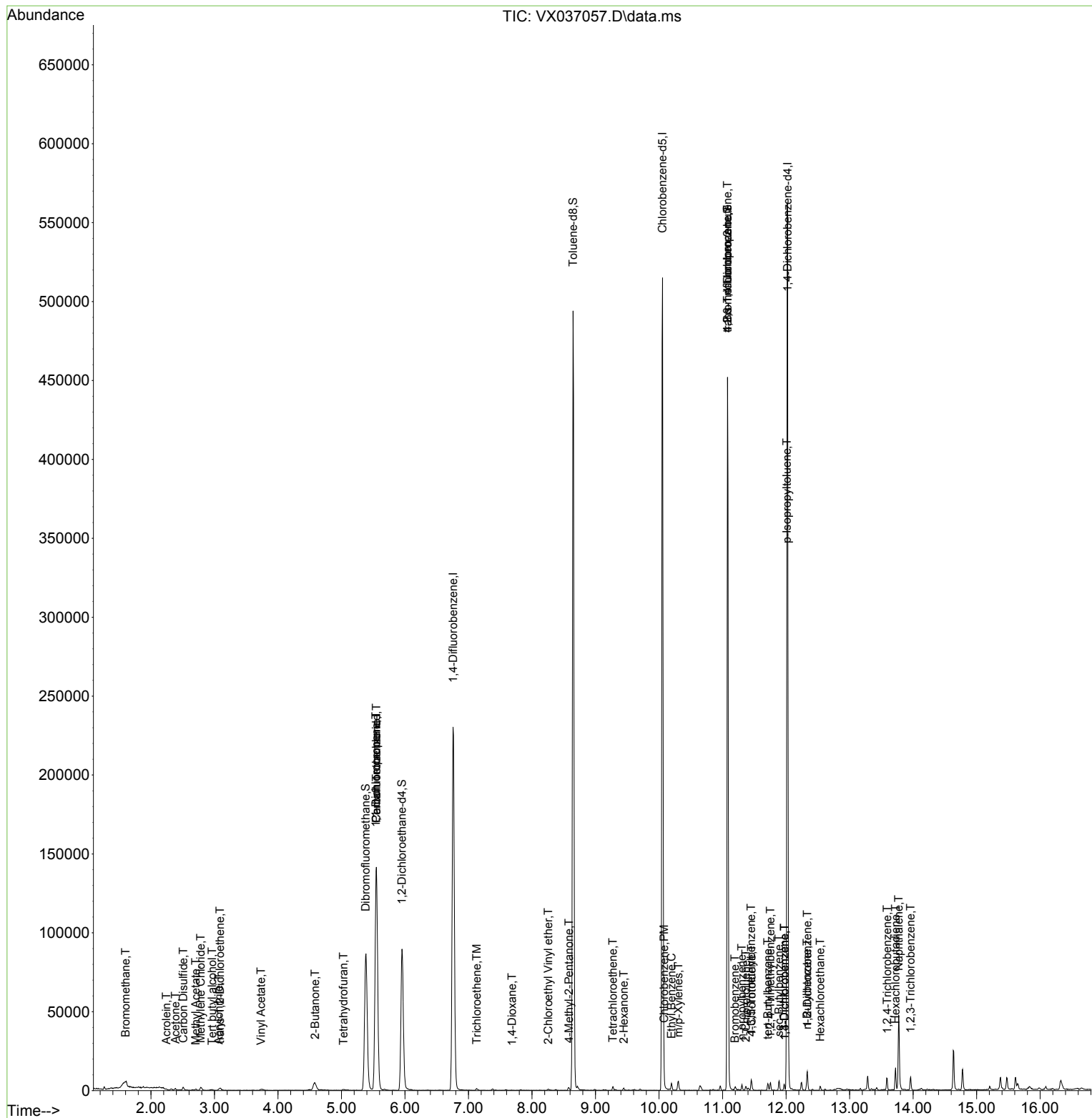
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	12.329	91	4138	0.734	ug/l	97
90) Hexachloroethane	12.536	117	361	0.318	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	1185	0.312	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	1942	0.873	ug/l	90
94) Hexachlorobutadiene	13.725	225	1756	2.042	ug/l	97
95) Naphthalene	13.774	128	35303	3.621	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	2140	0.968	ug/l	98

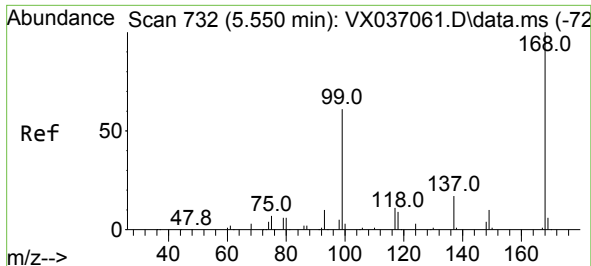
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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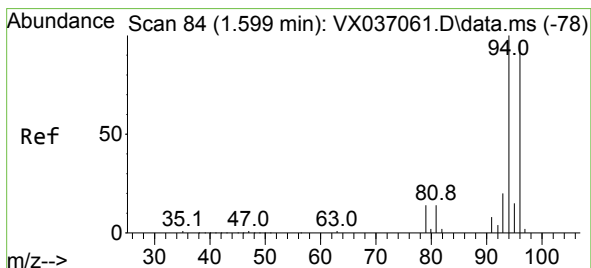
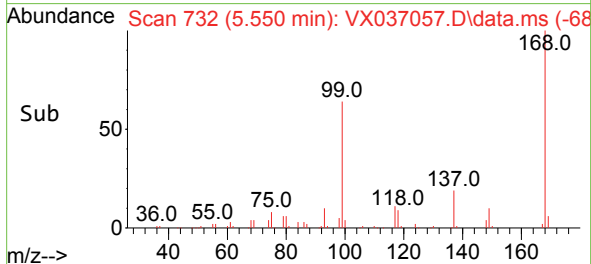
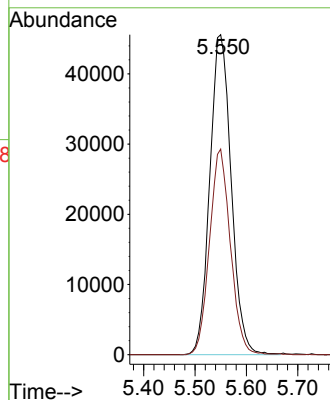
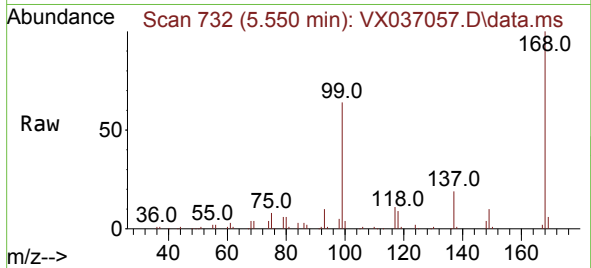




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX037057.D
Acq: 17 Aug 2023 13:34

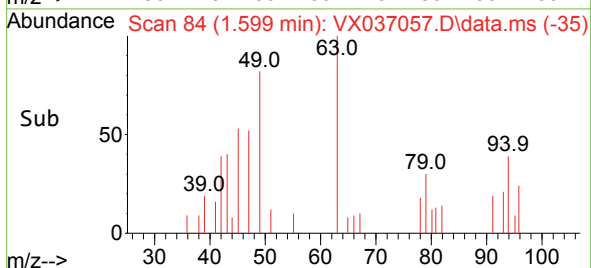
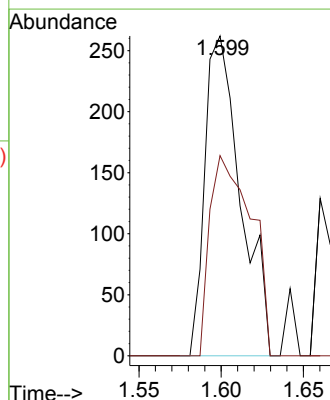
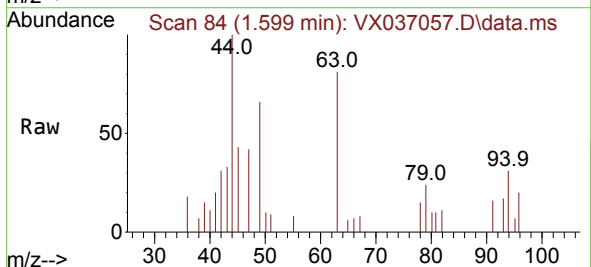
Instrument :
MSVOA_X
ClientSampleId :
IBLK

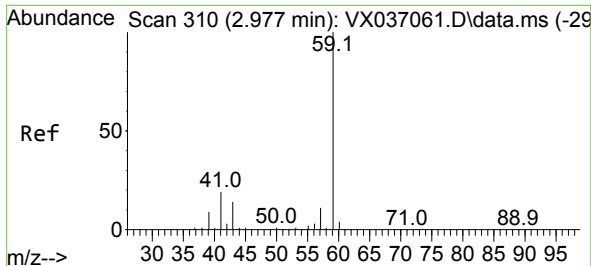
Tgt Ion:168 Resp: 132004
Ion Ratio Lower Upper
168 100
99 64.3 56.6 85.0



#5
Bromomethane
Concen: 0.546 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX037057.D
Acq: 17 Aug 2023 13:34

Tgt Ion: 94 Resp: 397
Ion Ratio Lower Upper
94 100
96 62.6 74.6 111.8#

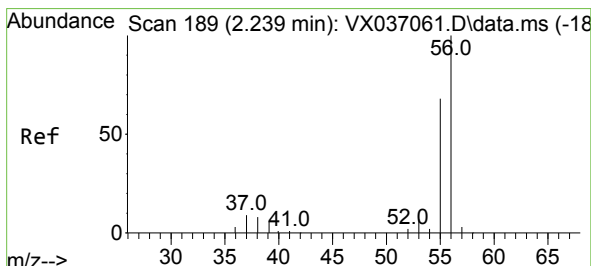
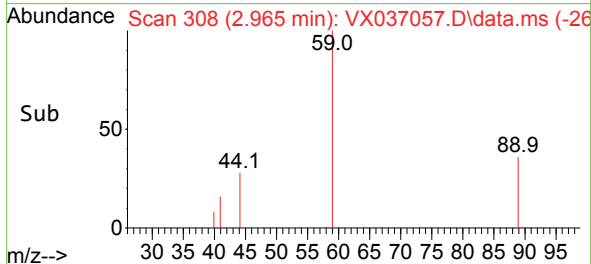
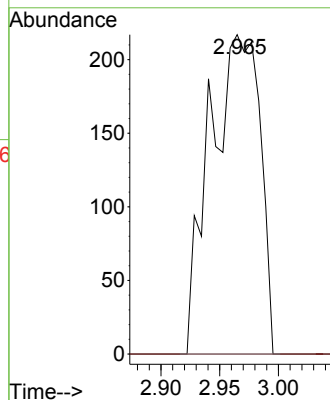
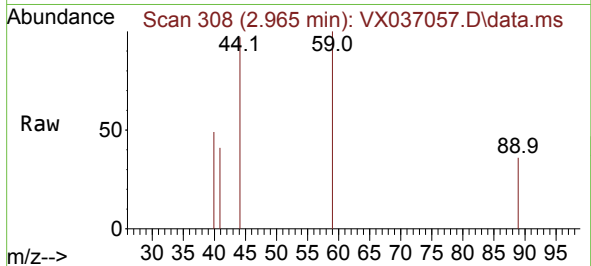




#11
Tert butyl alcohol
Concen: 1.436 ug/l
RT: 2.965 min Scan# 30
Delta R.T. -0.012 min
Lab File: VX037057.D
Acq: 17 Aug 2023 13:34

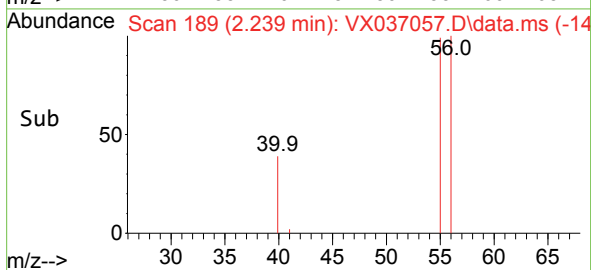
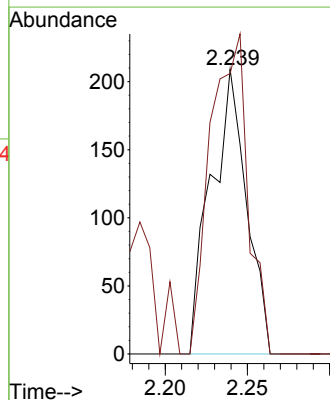
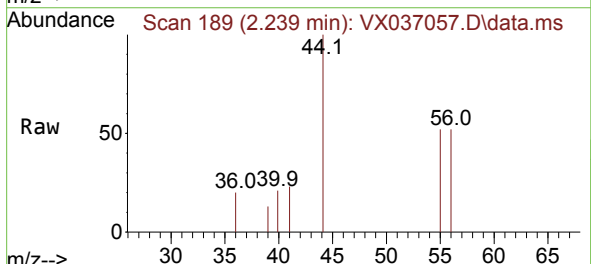
Instrument :
MSVOA_X
ClientSampleId :
IBLK

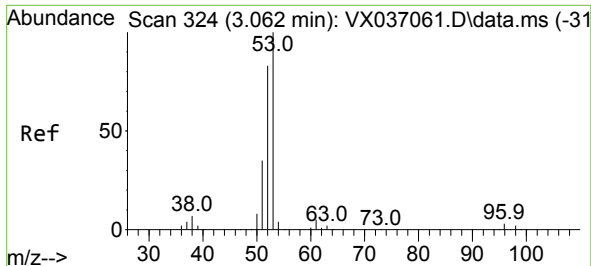
Tgt Ion: 59 Resp: 641
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#13
Acrolein
Concen: 0.928 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX037057.D
Acq: 17 Aug 2023 13:34

Tgt Ion: 56 Resp: 315
Ion Ratio Lower Upper
56 100
55 118.4 57.1 85.7#





#15

Acrylonitrile

Concen: 0.867 ug/l

RT: 3.069 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX037057.D

Acq: 17 Aug 2023 13:34

Instrument :

MSVOA_X

ClientSampleId :

IBLK

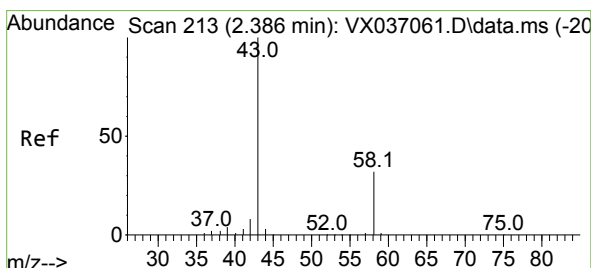
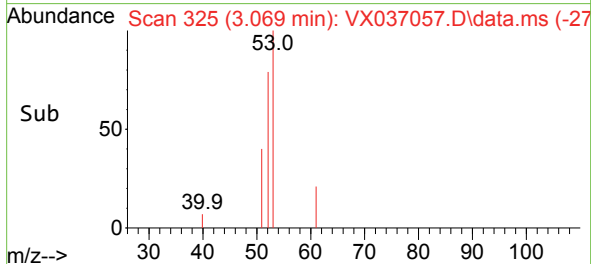
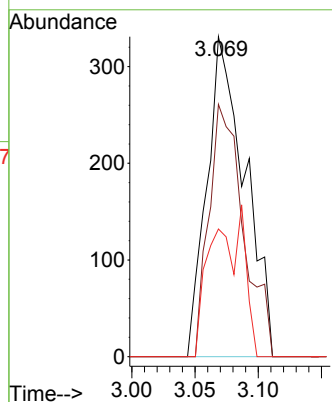
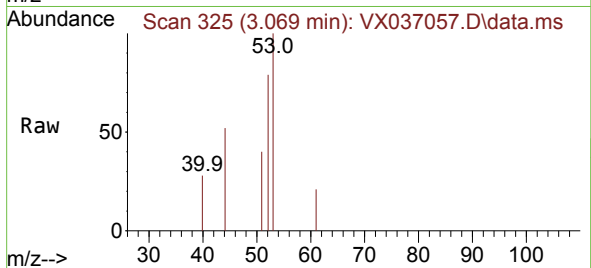
Tgt Ion: 53 Resp: 691

Ion Ratio Lower Upper

53 100

52 71.6 66.0 99.0

51 40.2 29.8 44.6



#16

Acetone

Concen: 1.459 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.000 min

Lab File: VX037057.D

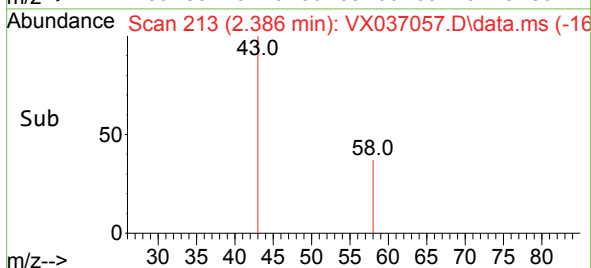
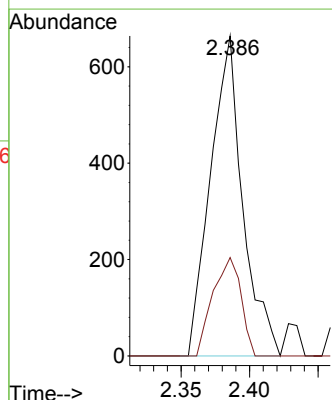
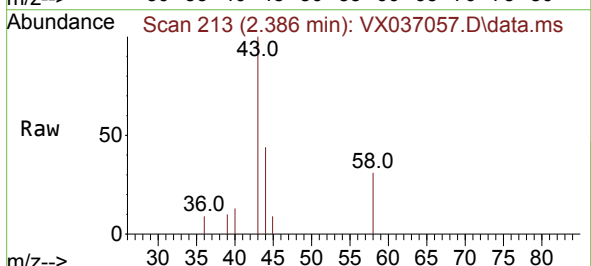
Acq: 17 Aug 2023 13:34

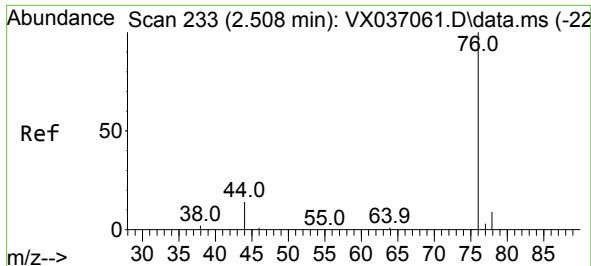
Tgt Ion: 43 Resp: 1086

Ion Ratio Lower Upper

43 100

58 30.7 21.9 32.9

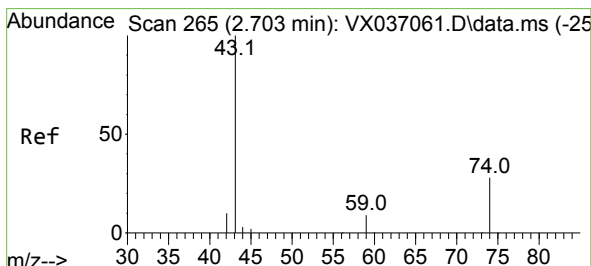
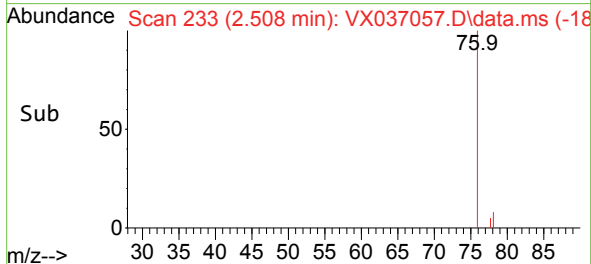
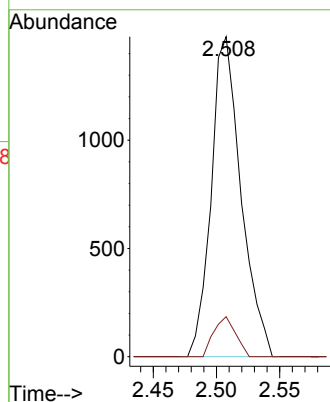
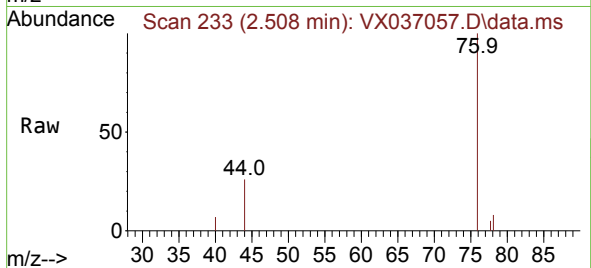




#17
Carbon Disulfide
Concen: 0.701 ug/l
RT: 2.508 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX037057.D
Acq: 17 Aug 2023 13:34

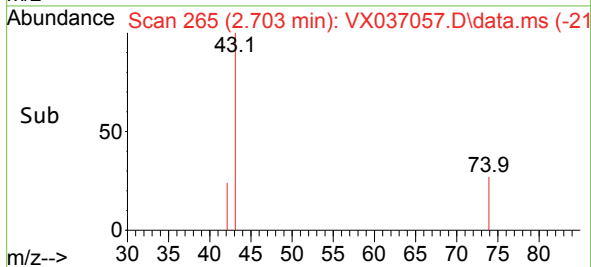
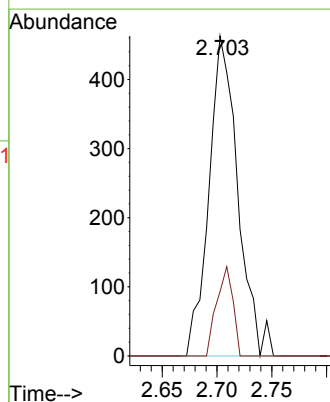
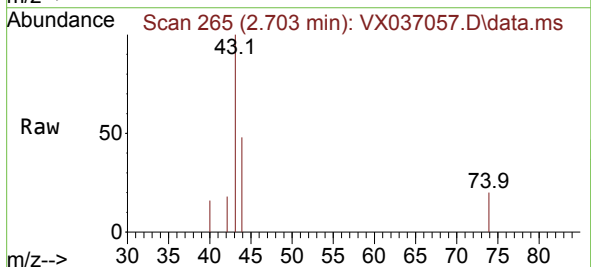
Instrument :
MSVOA_X
ClientSampleId :
IBLK

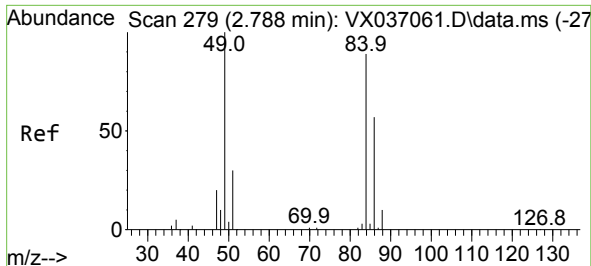
Tgt Ion: 76 Resp: 2424
Ion Ratio Lower Upper
76 100
78 12.5 7.0 10.6#



#18
Methyl Acetate
Concen: 0.303 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX037057.D
Acq: 17 Aug 2023 13:34

Tgt Ion: 43 Resp: 848
Ion Ratio Lower Upper
43 100
74 15.6 17.8 26.8#

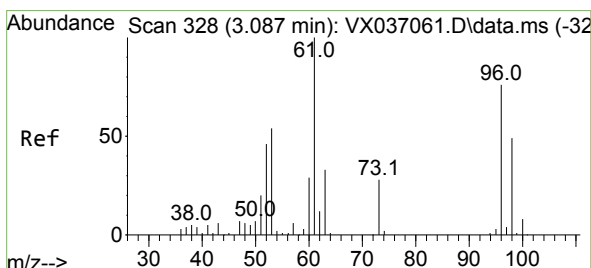
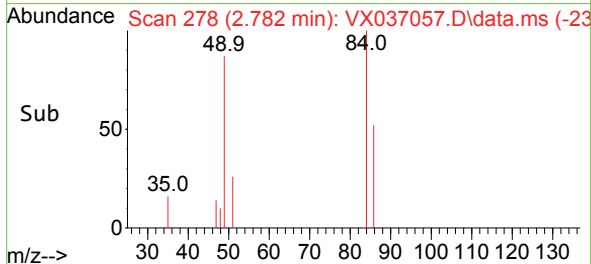
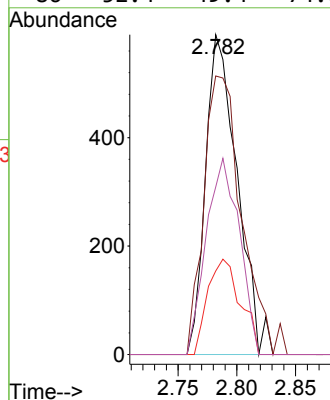
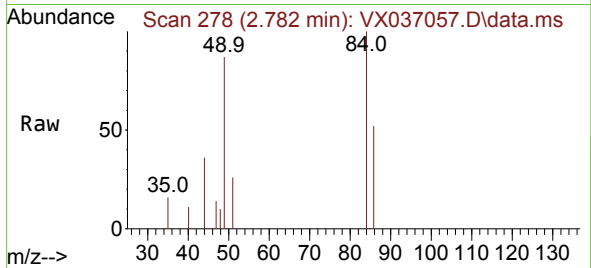




#20
Methylene Chloride
Concen: 0.663 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX037057.D
Acq: 17 Aug 2023 13:34

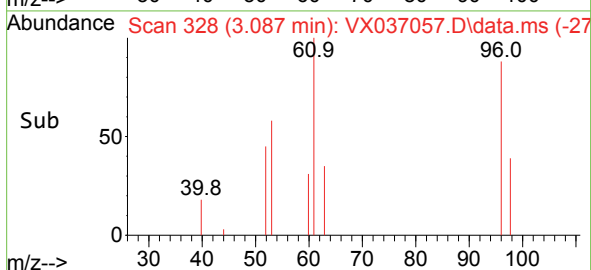
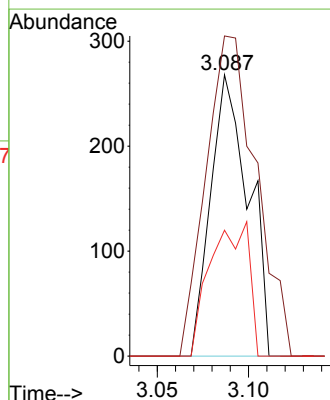
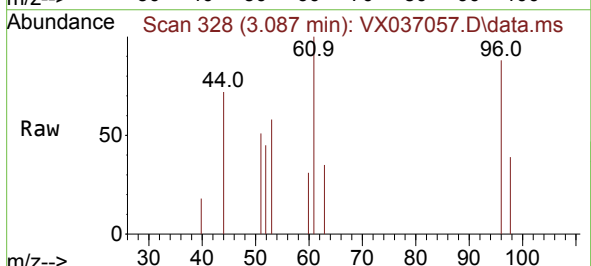
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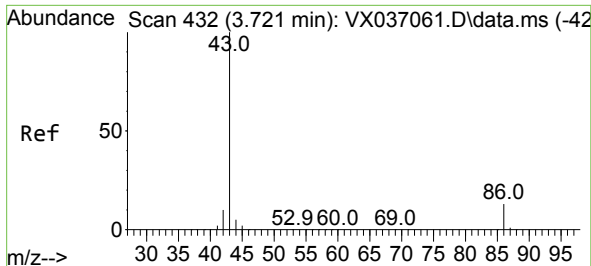
Tgt Ion: 84	Resp: 1104
Ion Ratio	Lower Upper
84	100
49	87.1 103.6 155.4#
51	26.1 33.8 50.6#
86	52.4 49.4 74.0



#21
trans-1,2-Dichloroethene
Concen: 0.251 ug/l
RT: 3.087 min Scan# 328
Delta R.T. 0.000 min
Lab File: VX037057.D
Acq: 17 Aug 2023 13:34

Tgt Ion: 96	Resp: 387
Ion Ratio	Lower Upper
96	100
61	113.8 119.2 178.8#
98	44.8 48.7 73.1#

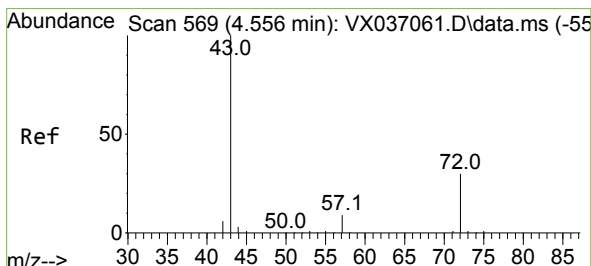
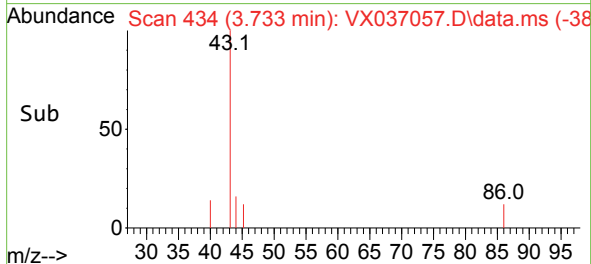
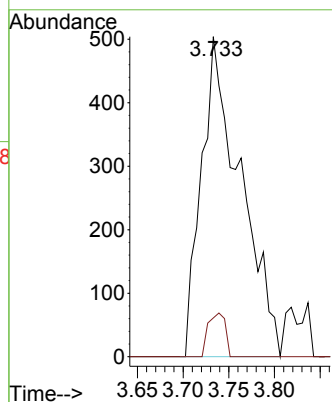
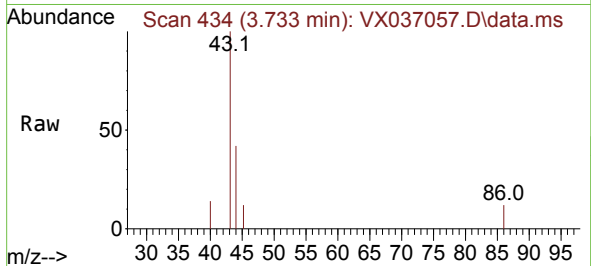




#23
 Vinyl Acetate
 Concen: 0.454 ug/l
 RT: 3.733 min Scan# 41
 Delta R.T. 0.012 min
 Lab File: VX037057.D
 Acq: 17 Aug 2023 13:34

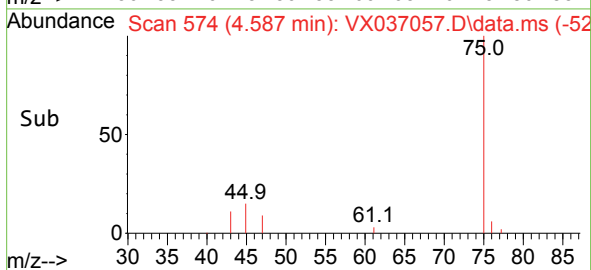
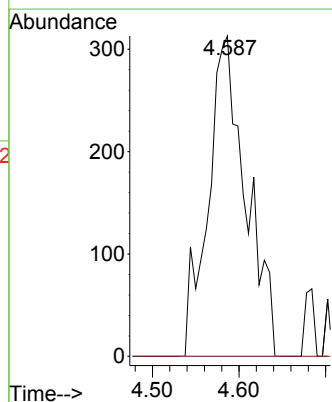
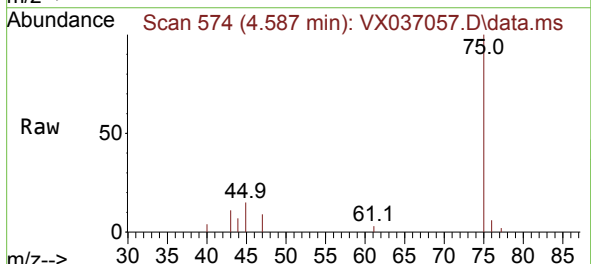
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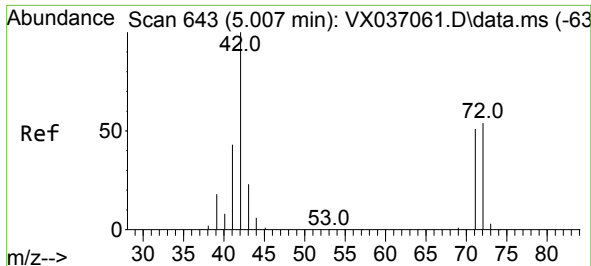
Tgt Ion: 43 Resp: 1500
 Ion Ratio Lower Upper
 43 100
 86 12.1 7.8 11.8#



#25
 2-Butanone
 Concen: 0.848 ug/l
 RT: 4.587 min Scan# 574
 Delta R.T. 0.031 min
 Lab File: VX037057.D
 Acq: 17 Aug 2023 13:34

Tgt Ion: 43 Resp: 951
 Ion Ratio Lower Upper
 43 100
 72 0.0 19.4 29.2#





#29

Tetrahydrofuran

Concen: 0.520 ug/l

RT: 5.032 min Scan# 64

Delta R.T. 0.024 min

Lab File: VX037057.D

Acq: 17 Aug 2023 13:34

Instrument :

MSVOA_X

ClientSampleId :

IBLK

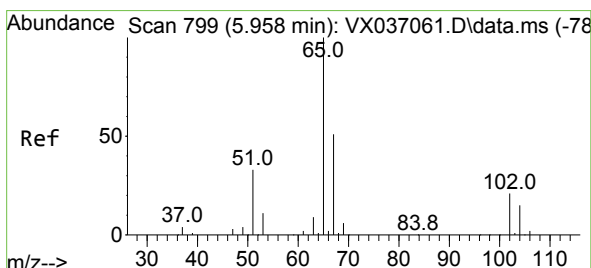
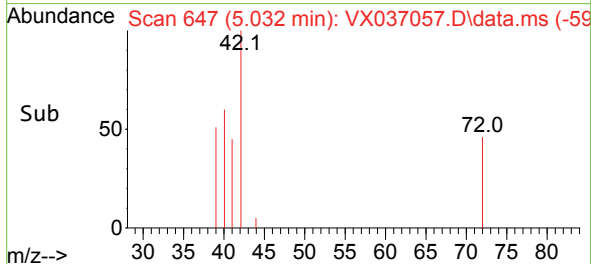
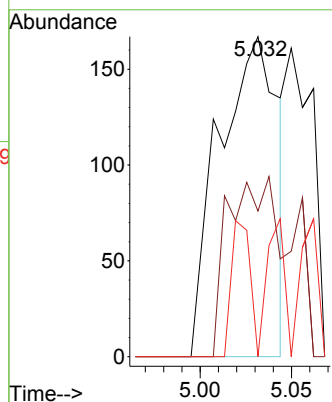
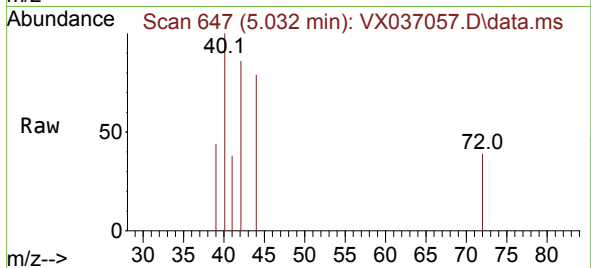
Tgt Ion: 42 Resp: 372

Ion Ratio Lower Upper

42 100

72 59.4 34.2 51.4#

71 12.9 32.2 48.2#



#33

1,2-Dichloroethane-d4

Concen: 47.351 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX037057.D

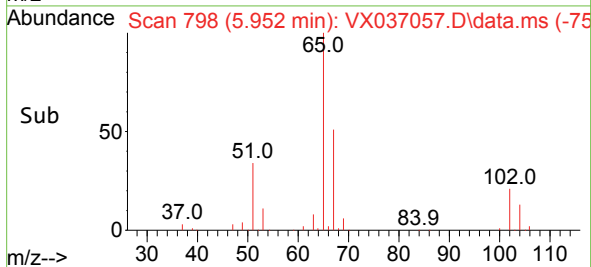
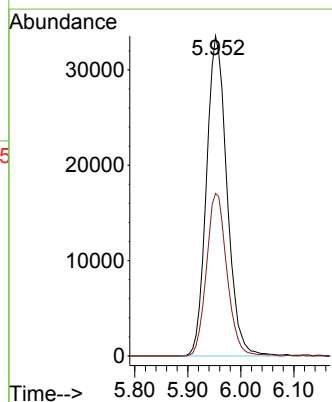
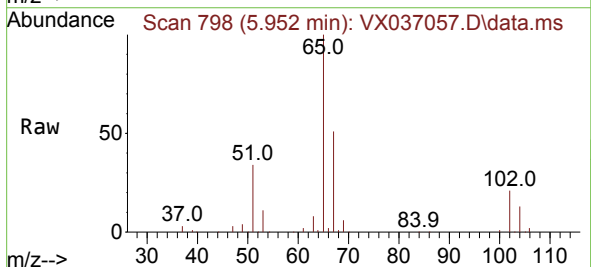
Acq: 17 Aug 2023 13:34

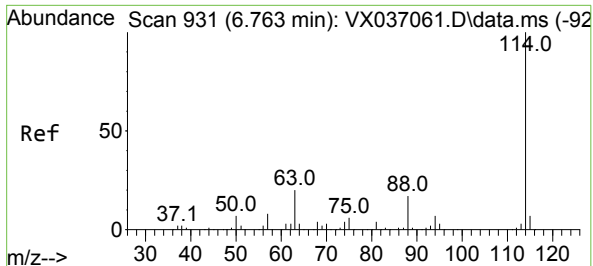
Tgt Ion: 65 Resp: 90113

Ion Ratio Lower Upper

65 100

67 50.7 0.0 100.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX037057.D

Acq: 17 Aug 2023 13:34

Instrument :

MSVOA_X

ClientSampleId :

IBLK

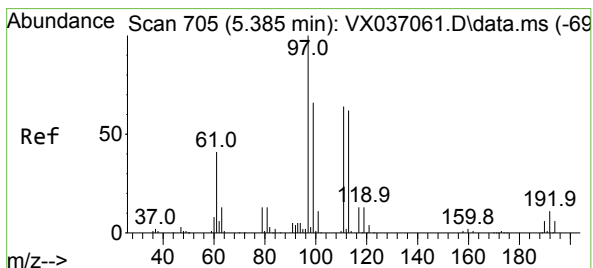
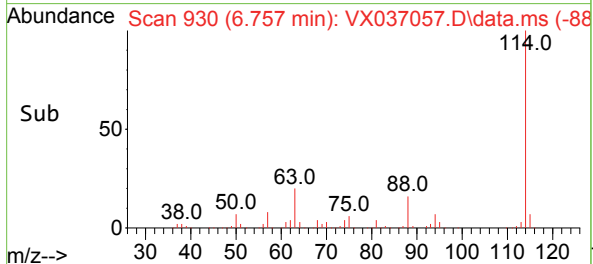
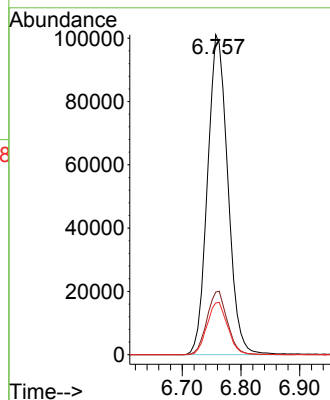
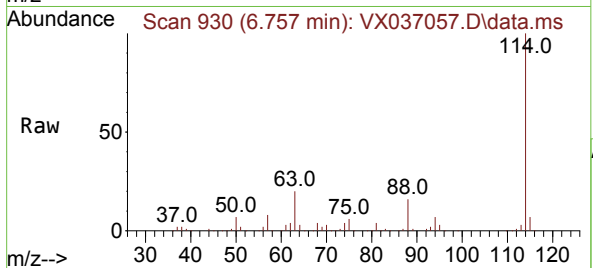
Tgt Ion:114 Resp: 242874

Ion Ratio Lower Upper

114 100

63 19.6 0.0 45.0

88 16.2 0.0 36.6



#35

Dibromofluoromethane

Concen: 48.371 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.006 min

Lab File: VX037057.D

Acq: 17 Aug 2023 13:34

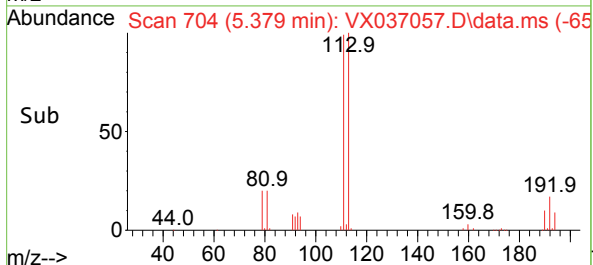
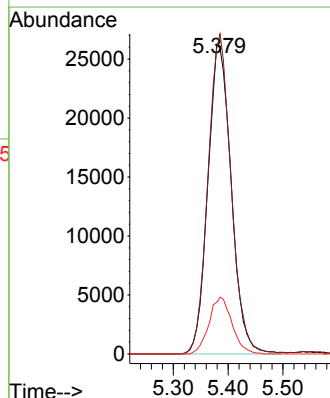
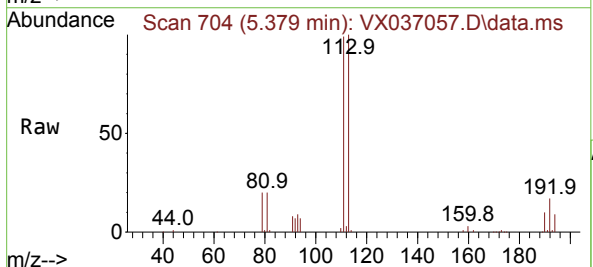
Tgt Ion:113 Resp: 77805

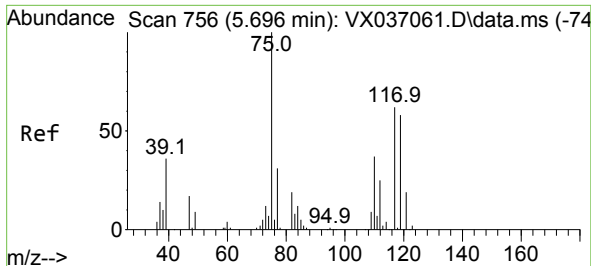
Ion Ratio Lower Upper

113 100

111 102.0 82.9 124.3

192 18.0 13.3 19.9

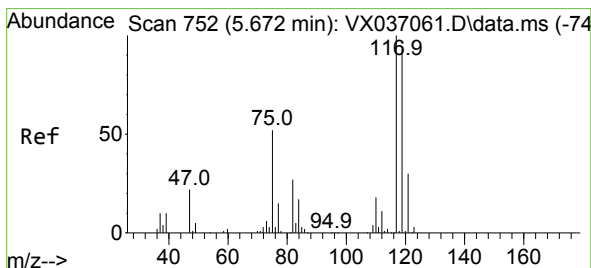
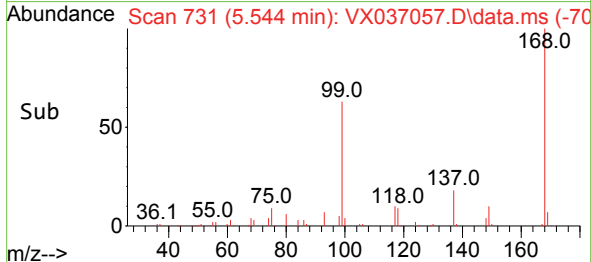
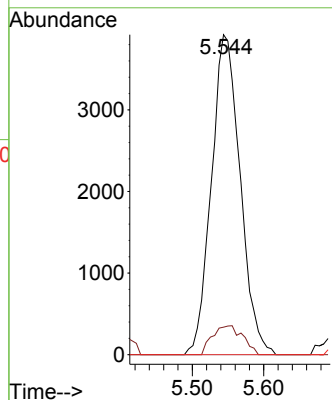
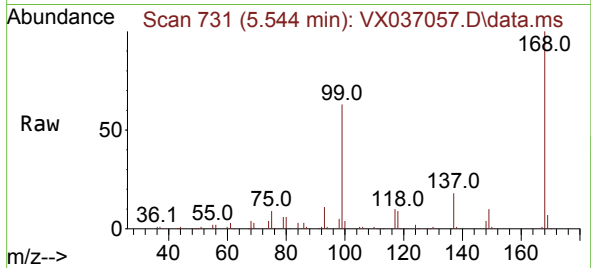




#36
1,1-Dichloropropene
Concen: 4.793 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.152 min
Lab File: VX037057.D
Acq: 17 Aug 2023 13:34

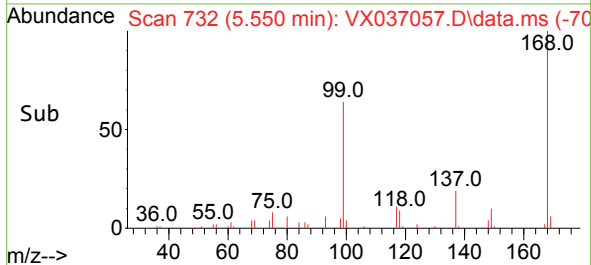
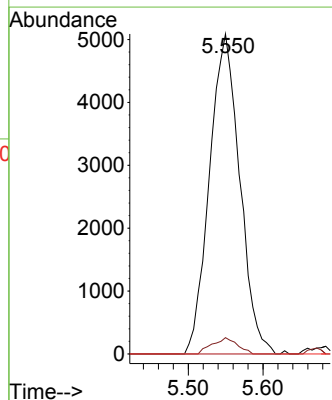
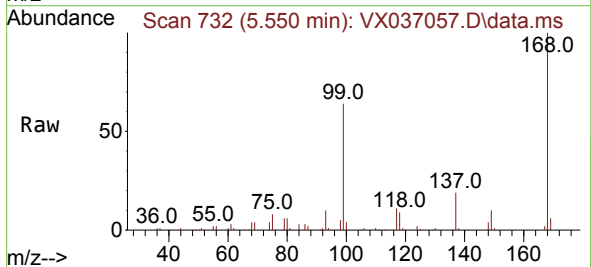
Instrument :
MSVOA_X
ClientSampleId :
IBLK

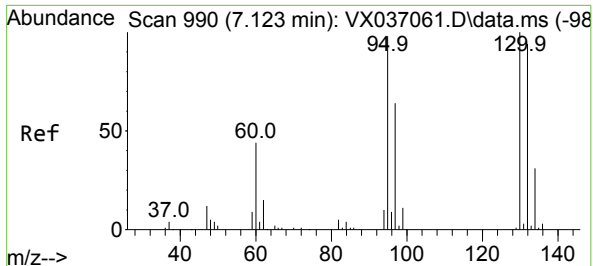
Tgt Ion: 75 Resp: 10953
Ion Ratio Lower Upper
75 100
110 9.5 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.772 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX037057.D
Acq: 17 Aug 2023 13:34

Tgt Ion: 117 Resp: 14329
Ion Ratio Lower Upper
117 100
119 5.1 78.2 117.2#
121 0.0 24.4 36.6#

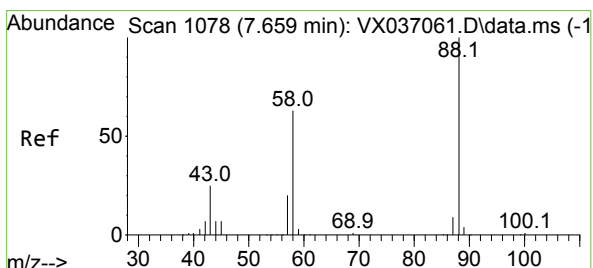
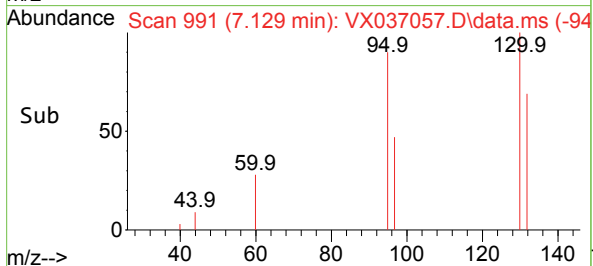
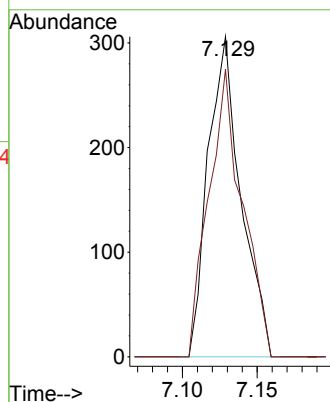
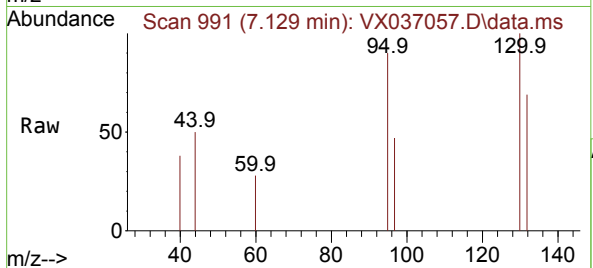




#44
Trichloroethene
Concen: 0.252 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX037057.D
Acq: 17 Aug 2023 13:34

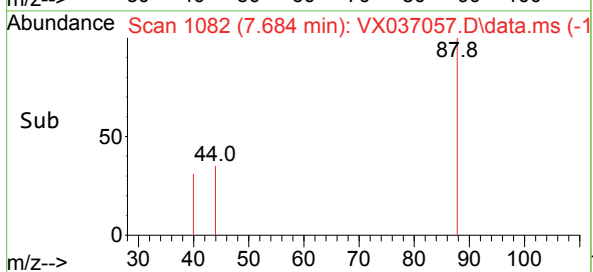
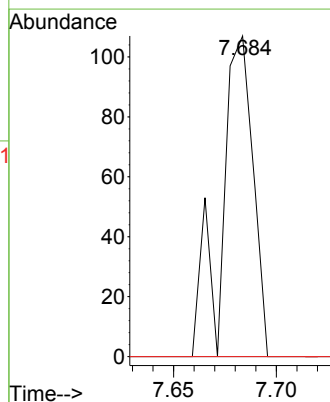
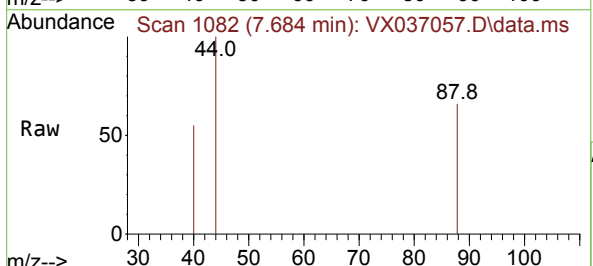
Instrument :
MSVOA_X
ClientSampleId :
IBLK

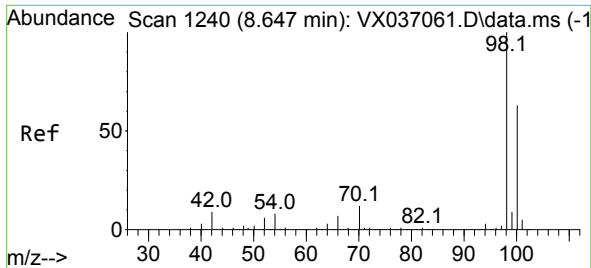
Tgt Ion:130 Resp: 468
Ion Ratio Lower Upper
130 100
95 89.9 0.0 204.4



#49
1,4-Dioxane
Concen: 2.342 ug/l
RT: 7.684 min Scan# 1082
Delta R.T. 0.024 min
Lab File: VX037057.D
Acq: 17 Aug 2023 13:34

Tgt Ion: 88 Resp: 114
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 60.1 90.1#

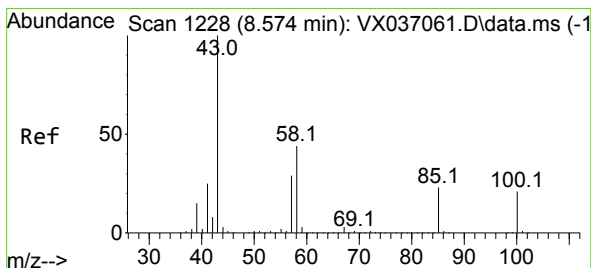
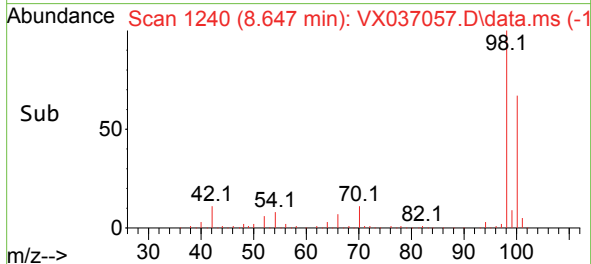
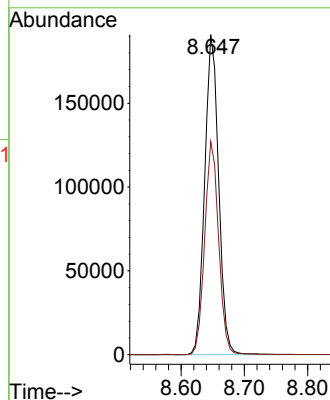
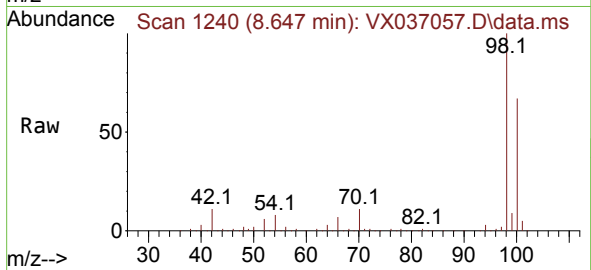




#50
Toluene-d8
Concen: 50.394 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037057.D
Acq: 17 Aug 2023 13:34

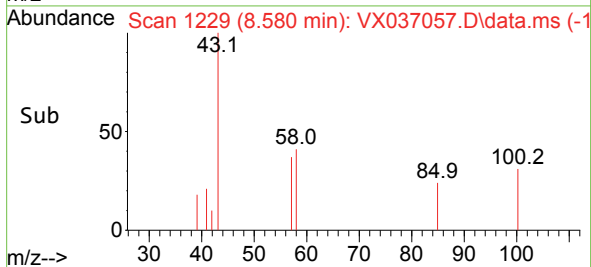
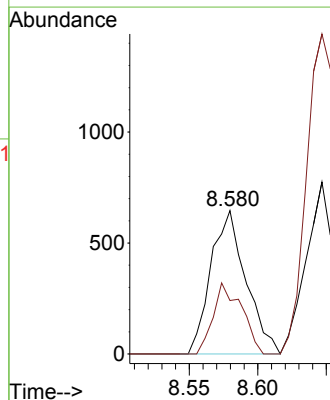
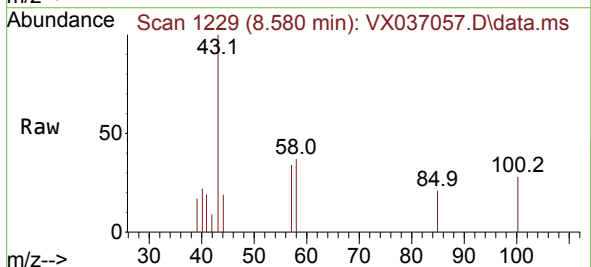
Instrument :
MSVOA_X
ClientSampleId :
IBLK

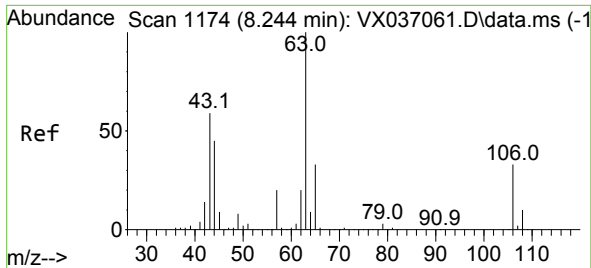
Tgt Ion: 98 Resp: 294029
Ion Ratio Lower Upper
98 100
100 66.4 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.512 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX037057.D
Acq: 17 Aug 2023 13:34

Tgt Ion: 43 Resp: 1152
Ion Ratio Lower Upper
43 100
58 40.3 30.4 45.6

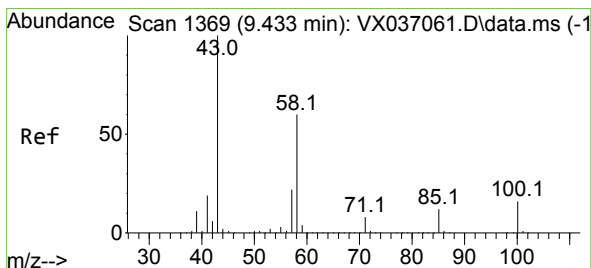
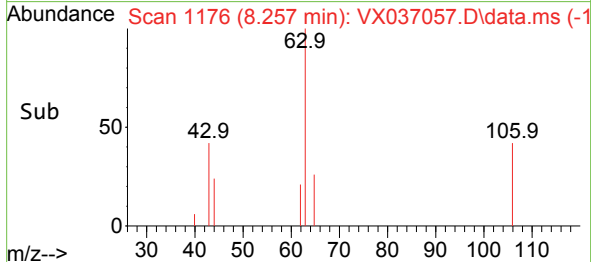
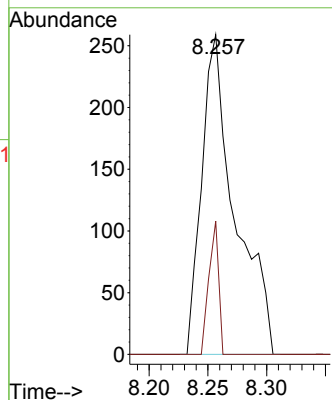
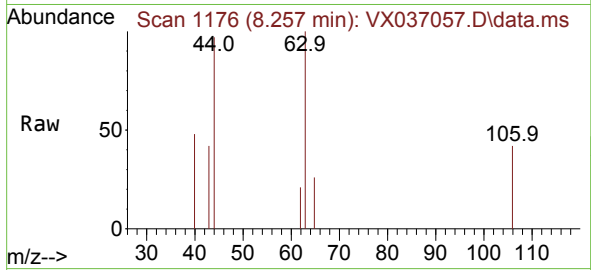




#58
2-Chloroethyl Vinyl ether
Concen: 0.385 ug/l
RT: 8.257 min Scan# 1176
Delta R.T. 0.012 min
Lab File: VX037057.D
Acq: 17 Aug 2023 13:34

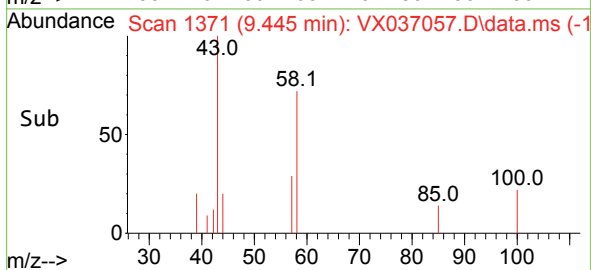
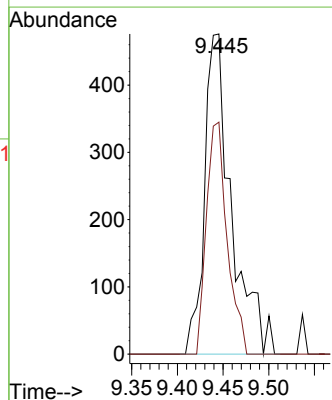
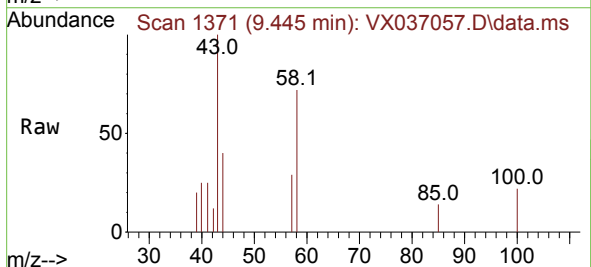
Instrument :
MSVOA_X
ClientSampleId :
IBLK

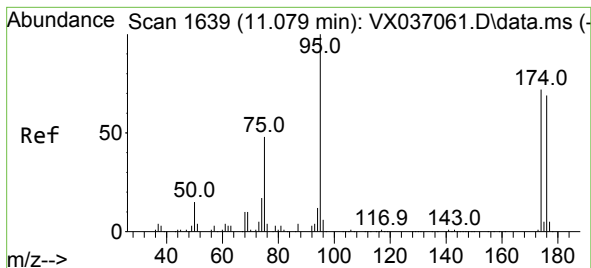
Tgt Ion: 63 Resp: 510
Ion Ratio Lower Upper
63 100
106 12.2 22.5 33.7#



#59
2-Hexanone
Concen: 0.569 ug/l
RT: 9.445 min Scan# 1371
Delta R.T. 0.012 min
Lab File: VX037057.D
Acq: 17 Aug 2023 13:34

Tgt Ion: 43 Resp: 976
Ion Ratio Lower Upper
43 100
58 55.6 26.2 78.5

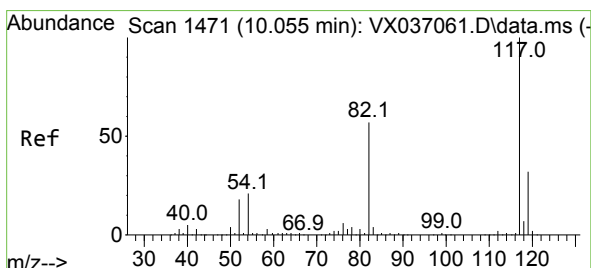
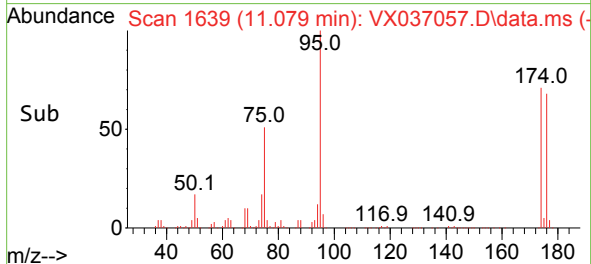
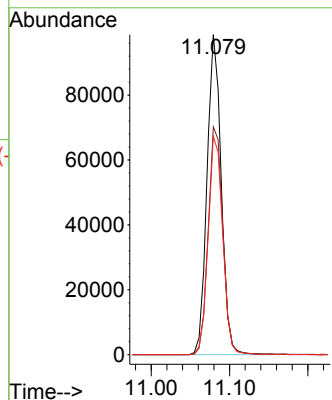
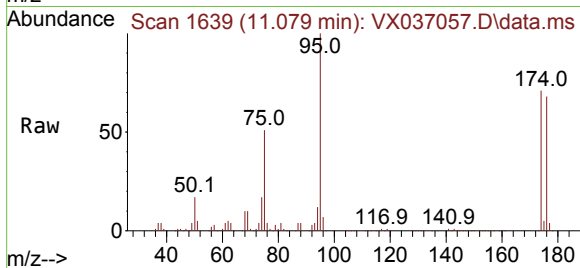




#62
4-Bromofluorobenzene
Concen: 54.010 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037057.D
Acq: 17 Aug 2023 13:34

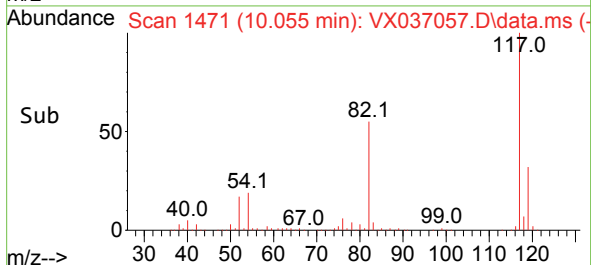
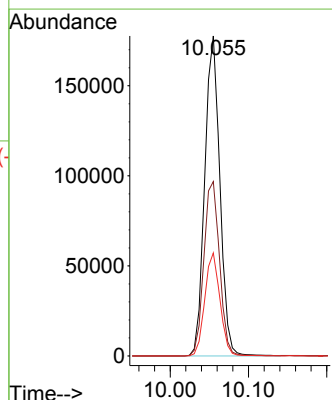
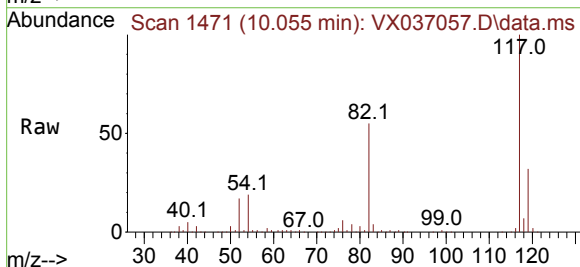
Instrument :
MSVOA_X
ClientSampleId :
IBLK

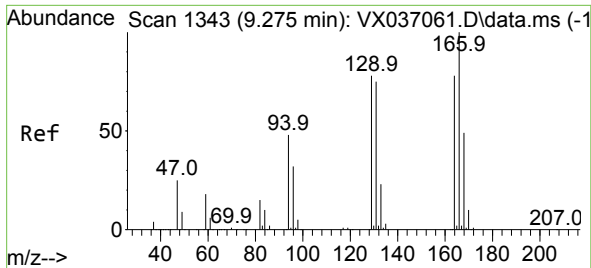
Tgt Ion: 95 Resp: 123841
Ion Ratio Lower Upper
95 100
174 73.4 0.0 135.6
176 69.9 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037057.D
Acq: 17 Aug 2023 13:34

Tgt Ion: 117 Resp: 238510
Ion Ratio Lower Upper
117 100
82 54.5 46.2 69.4
119 32.2 25.5 38.3



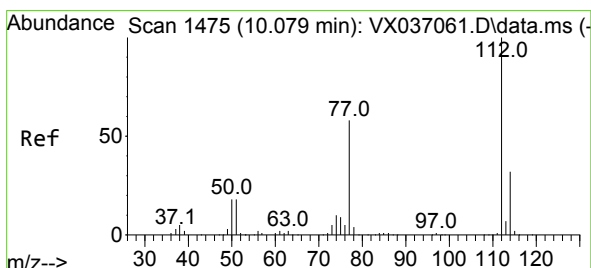
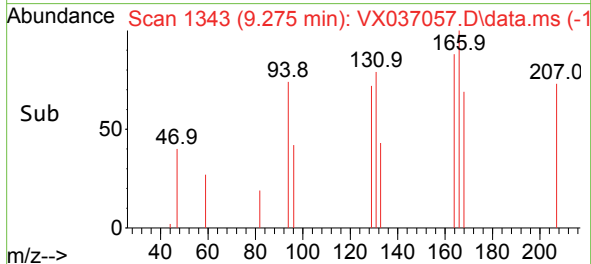
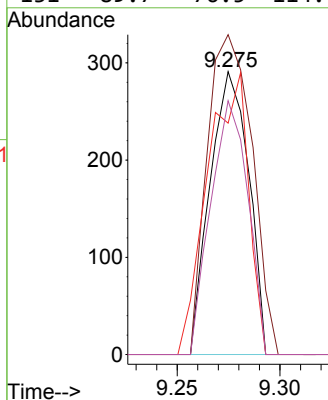
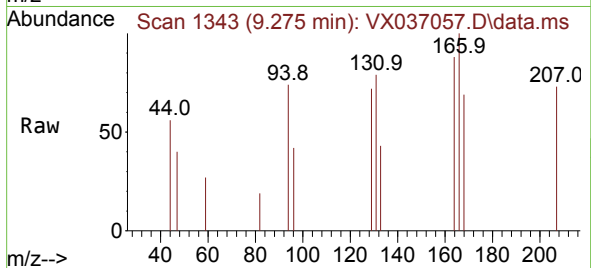


#64
Tetrachloroethene
Concen: 0.218 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037057.D
Acq: 17 Aug 2023 13:34

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:164 Resp: 379

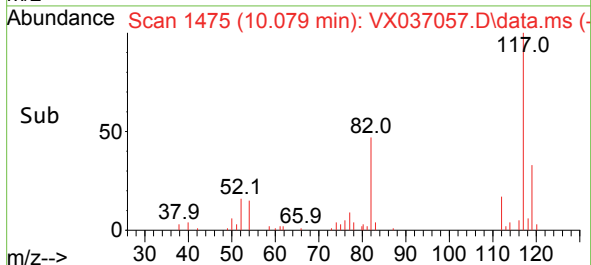
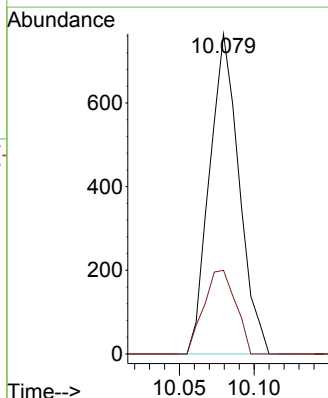
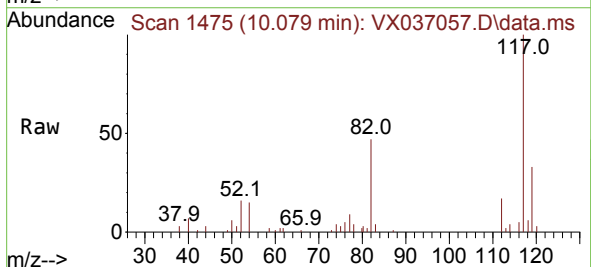
Ion	Ratio	Lower	Upper
164	100		
166	113.1	102.7	154.1
129	81.8	80.4	120.6
131	89.7	76.5	114.7

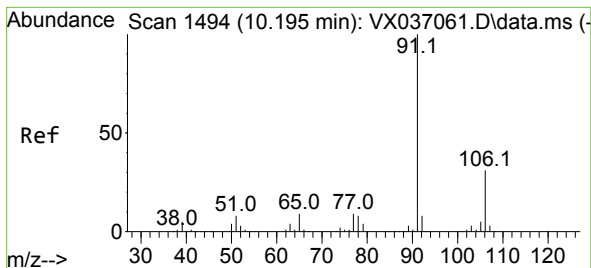


#65
Chlorobenzene
Concen: 0.209 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX037057.D
Acq: 17 Aug 2023 13:34

Tgt Ion:112 Resp: 1054

Ion	Ratio	Lower	Upper
112	100		
114	26.1	25.7	38.5





#67

Ethyl Benzene

Concen: 0.288 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX037057.D

Acq: 17 Aug 2023 13:34

Instrument :

MSVOA_X

ClientSampleId :

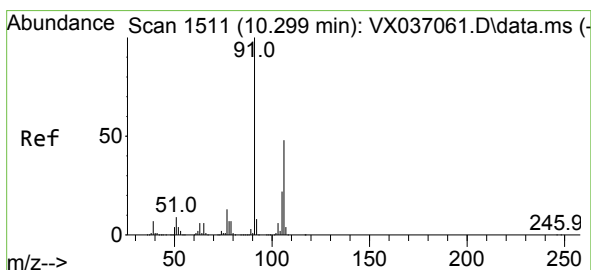
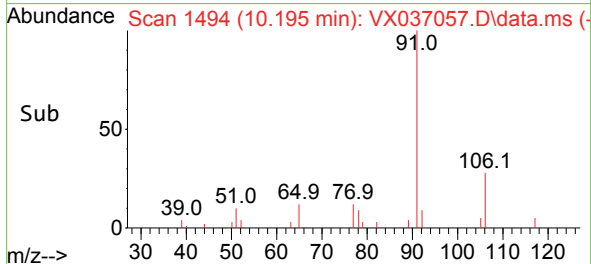
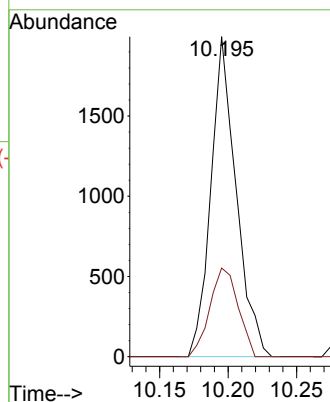
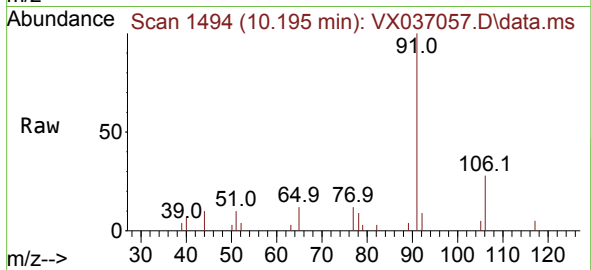
IBLK

Tgt Ion: 91 Resp: 2558

Ion Ratio Lower Upper

91 100

106 27.7 24.9 37.3



#68

m/p-Xylenes

Concen: 0.433 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX037057.D

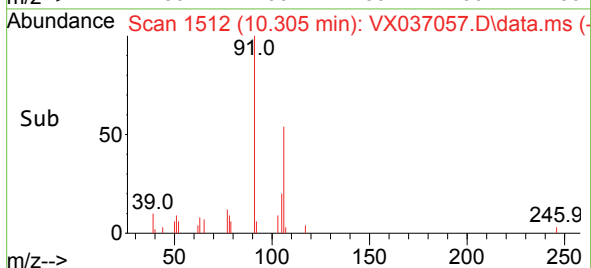
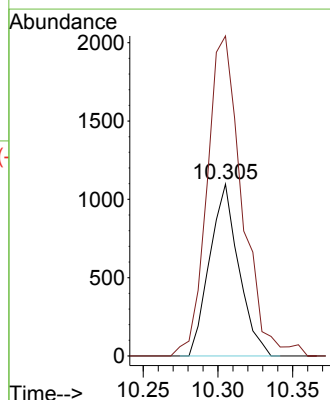
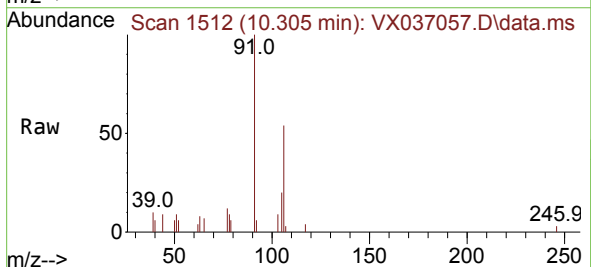
Acq: 17 Aug 2023 13:34

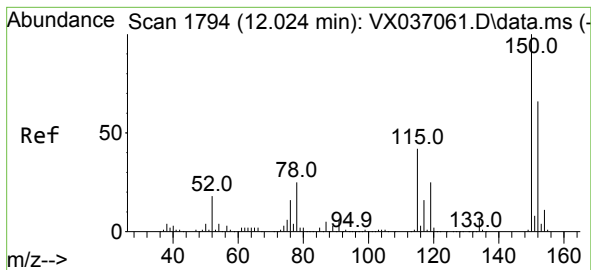
Tgt Ion: 106 Resp: 1484

Ion Ratio Lower Upper

106 100

91 224.5 165.5 248.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX037057.D

Acq: 17 Aug 2023 13:34

Instrument :

MSVOA_X

ClientSampleId :

IBLK

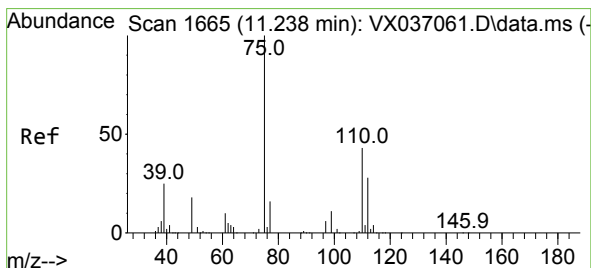
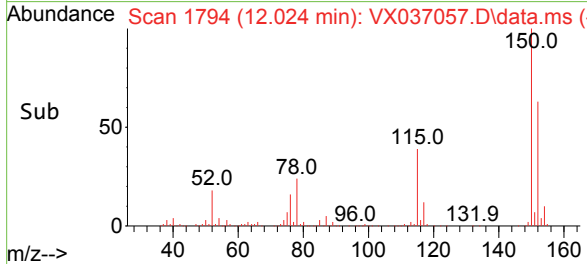
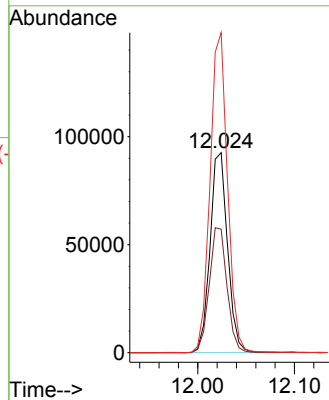
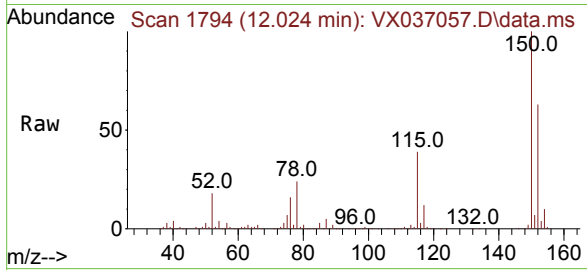
Tgt Ion:152 Resp: 116875

Ion Ratio Lower Upper

152 100

115 63.5 43.3 129.9

150 159.2 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 25.589 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX037057.D

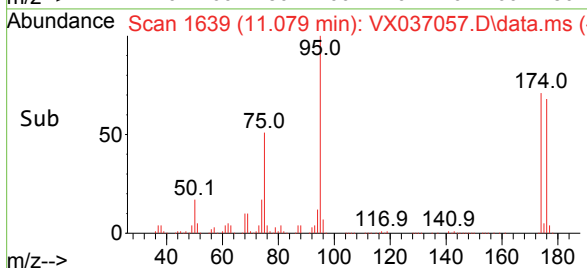
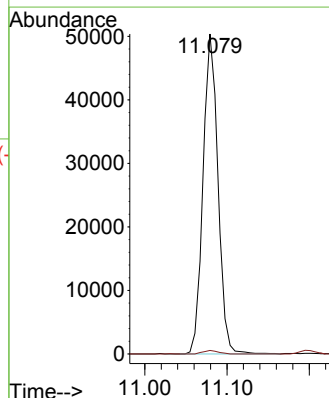
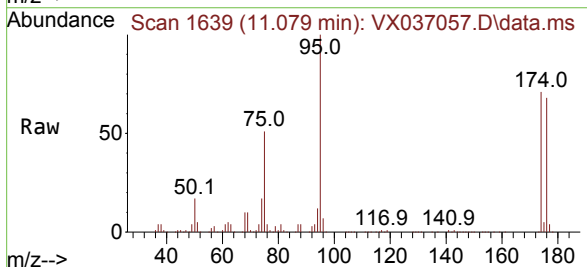
Acq: 17 Aug 2023 13:34

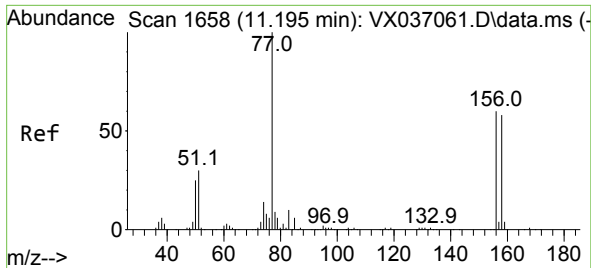
Tgt Ion: 75 Resp: 63692

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#

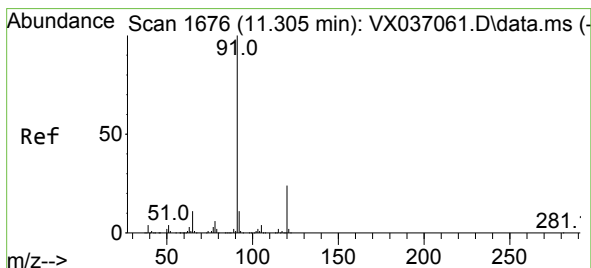
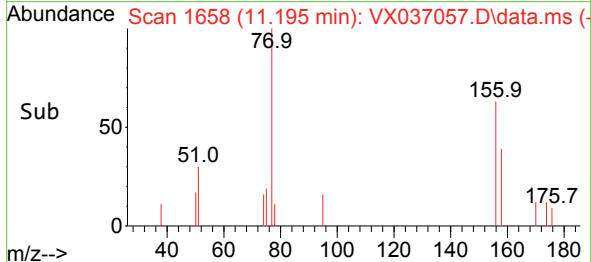
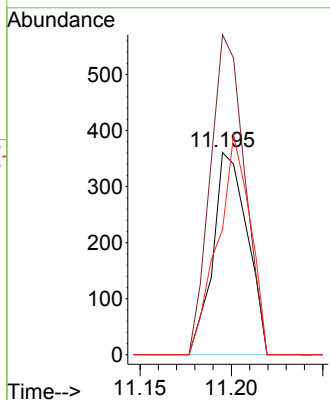
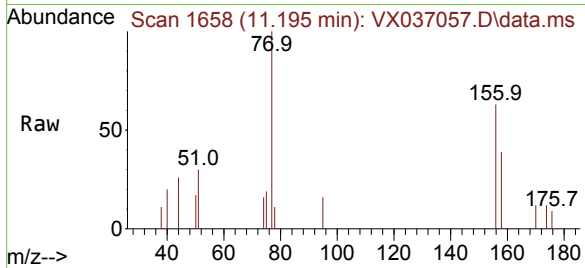




#77
Bromobenzene
Concen: 0.227 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX037057.D
Acq: 17 Aug 2023 13:34

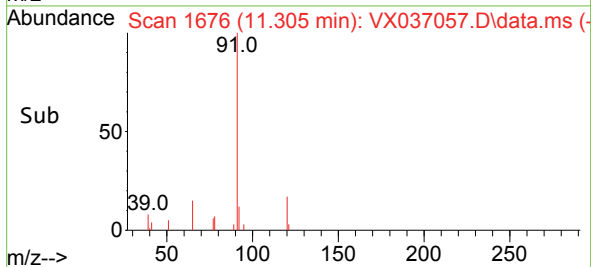
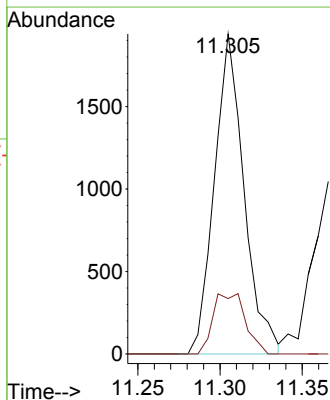
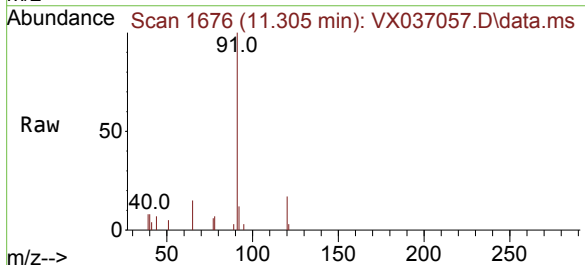
Instrument :
MSVOA_X
ClientSampleId :
IBLK

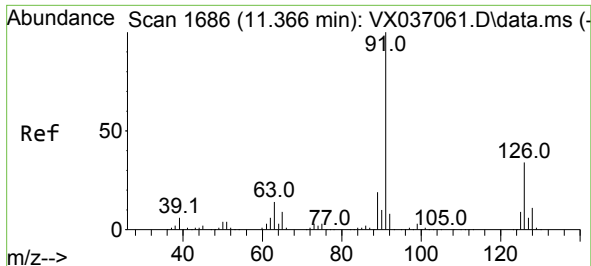
Tgt Ion:156 Resp: 471
Ion Ratio Lower Upper
156 100
77 158.2 88.4 265.3
158 103.0 48.0 144.0



#78
n-propylbenzene
Concen: 0.256 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX037057.D
Acq: 17 Aug 2023 13:34

Tgt Ion: 91 Resp: 2426
Ion Ratio Lower Upper
91 100
120 20.7 11.5 34.4

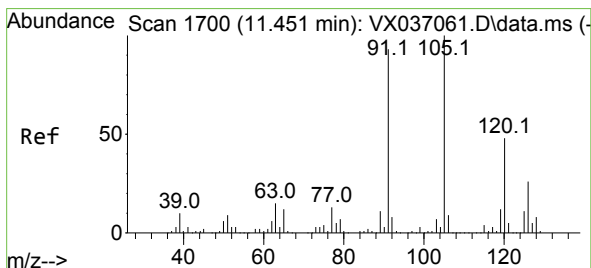
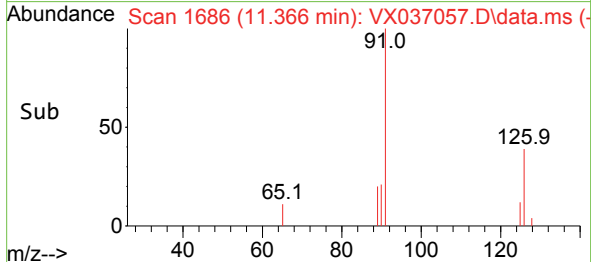
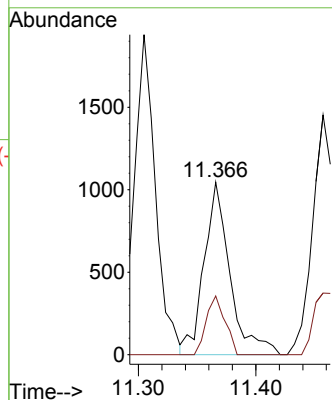
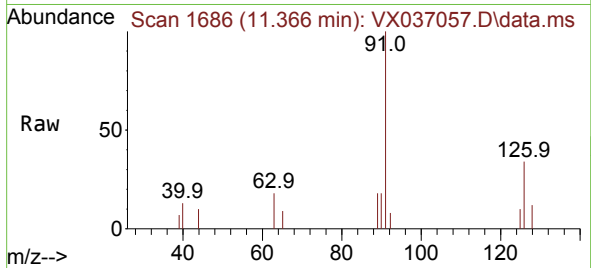




#79
2-Chlorotoluene
Concen: 0.265 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX037057.D
Acq: 17 Aug 2023 13:34

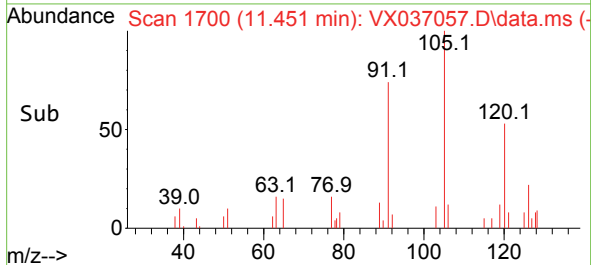
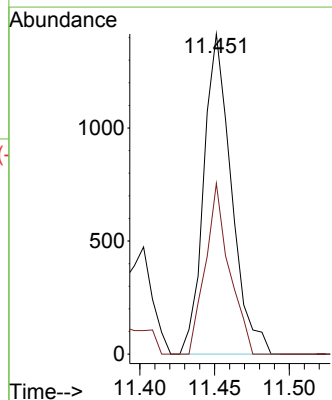
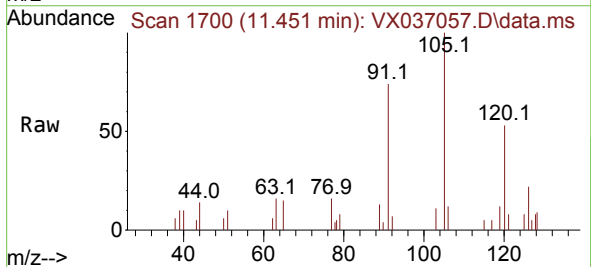
Instrument :
MSVOA_X
ClientSampleId :
IBLK

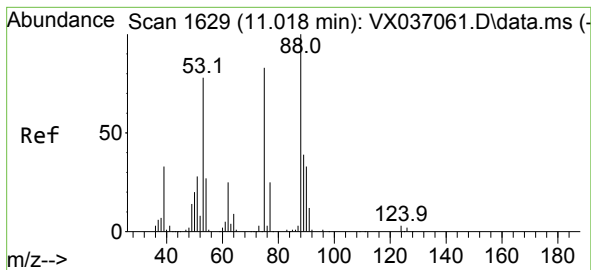
Tgt Ion: 91 Resp: 1601
Ion Ratio Lower Upper
91 100
126 24.7 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 0.257 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX037057.D
Acq: 17 Aug 2023 13:34

Tgt Ion: 105 Resp: 1824
Ion Ratio Lower Upper
105 100
120 45.9 24.1 72.3

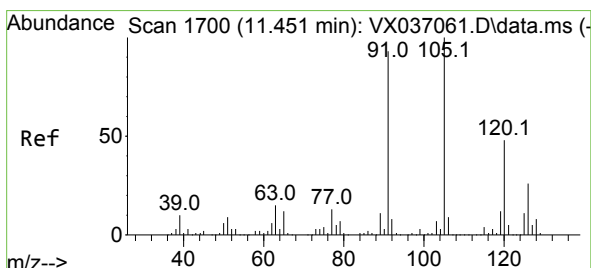
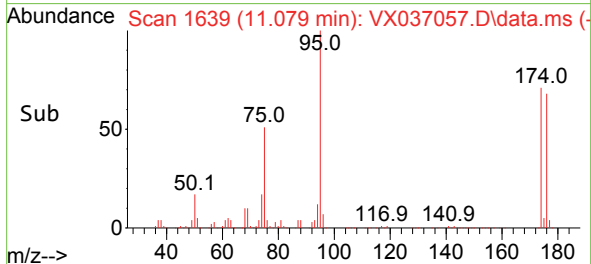
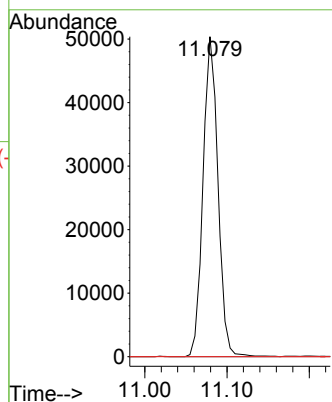
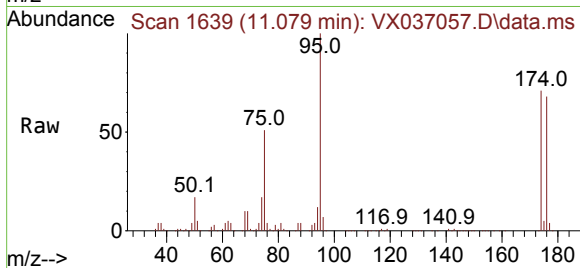




#81
trans-1,4-Dichloro-2-butene
Concen: 71.471 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX037057.D
Acq: 17 Aug 2023 13:34

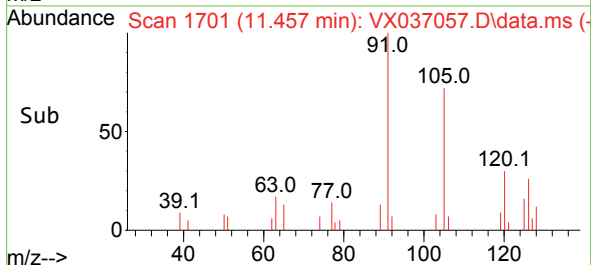
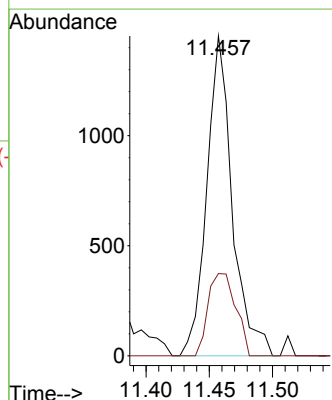
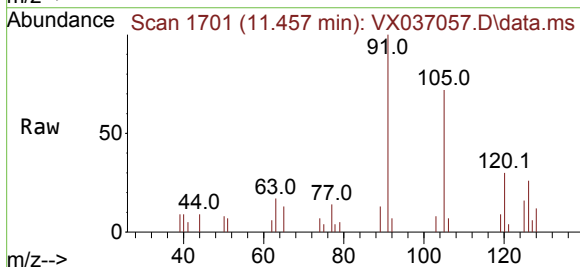
Instrument :
MSVOA_X
ClientSampleId :
IBLK

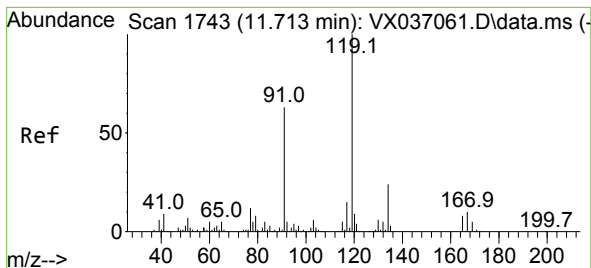
Tgt Ion: 75 Resp: 63692
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#82
4-Chlorotoluene
Concen: 0.292 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX037057.D
Acq: 17 Aug 2023 13:34

Tgt Ion: 91 Resp: 2040
Ion Ratio Lower Upper
91 100
126 27.8 14.2 42.6





#83

tert-Butylbenzene

Concen: 0.276 ug/l

RT: 11.713 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX037057.D

Acq: 17 Aug 2023 13:34

Instrument :

MSVOA_X

ClientSampleId :

IBLK

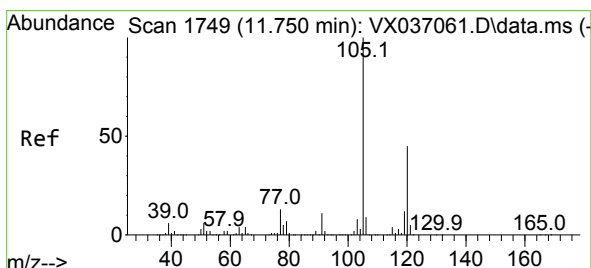
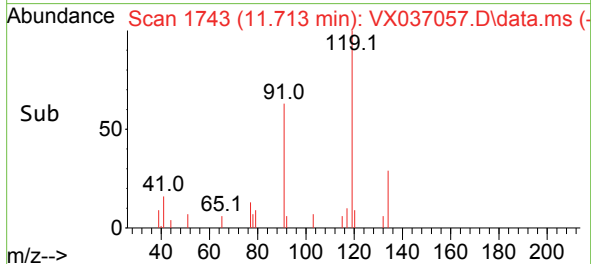
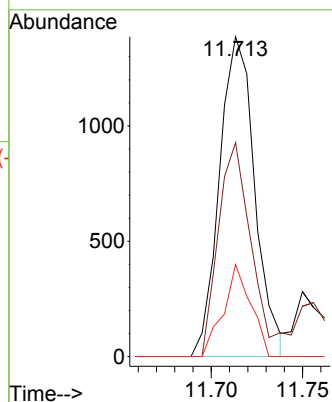
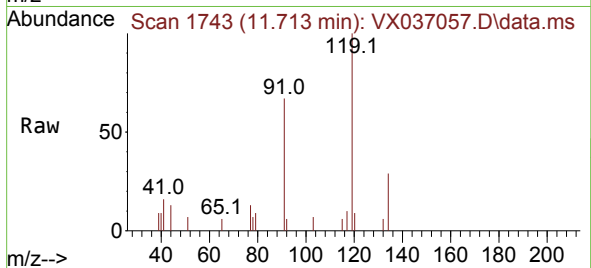
Tgt Ion:119 Resp: 1867

Ion Ratio Lower Upper

119 100

91 64.2 31.2 93.6

134 22.4 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 0.352 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VX037057.D

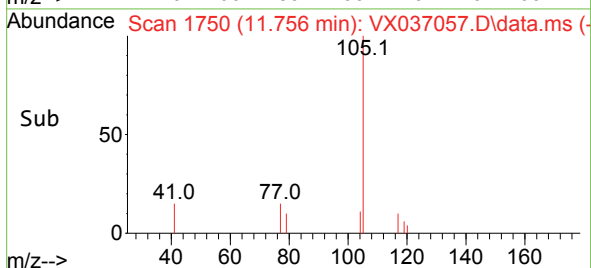
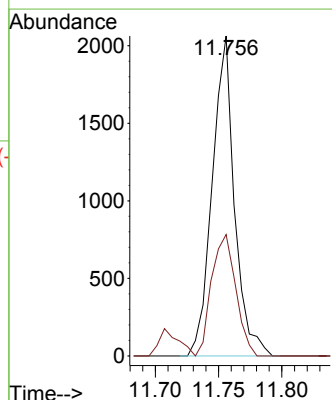
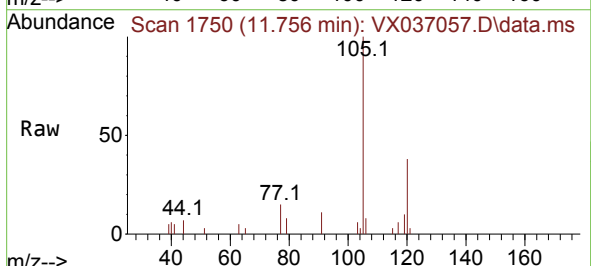
Acq: 17 Aug 2023 13:34

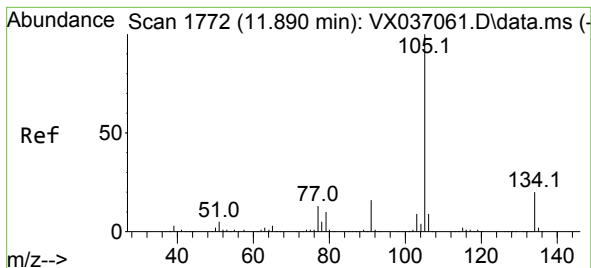
Tgt Ion:105 Resp: 2518

Ion Ratio Lower Upper

105 100

120 41.3 21.2 63.6





#85

sec-Butylbenzene

Concen: 0.446 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX037057.D

Acq: 17 Aug 2023 13:34

Instrument :

MSVOA_X

ClientSampleId :

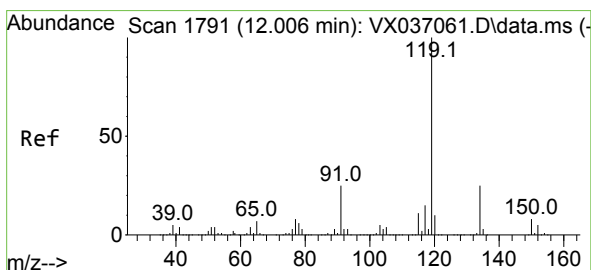
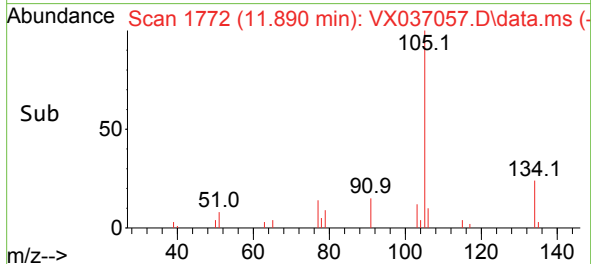
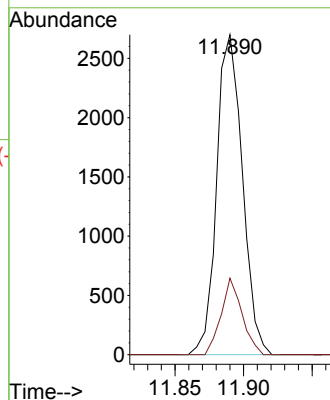
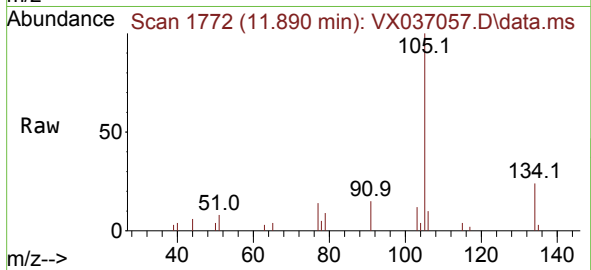
IBLK

Tgt Ion:105 Resp: 3517

Ion Ratio Lower Upper

105 100

134 19.4 9.8 29.4



#86

p-Isopropyltoluene

Concen: 0.443 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. 0.006 min

Lab File: VX037057.D

Acq: 17 Aug 2023 13:34

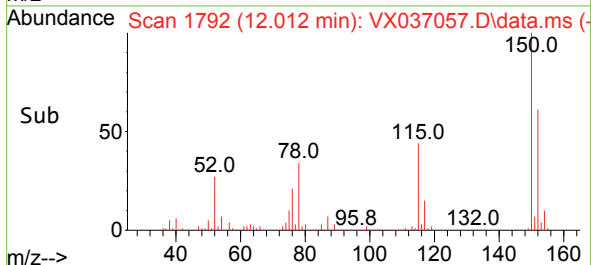
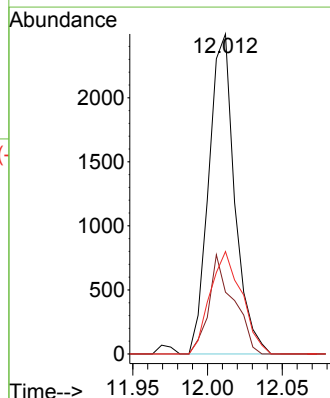
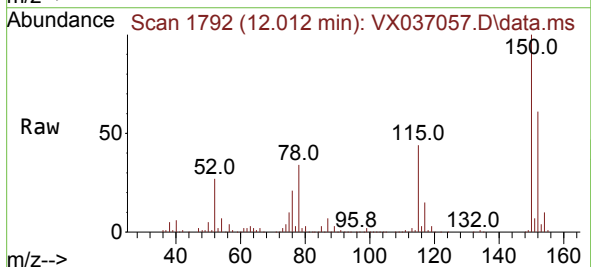
Tgt Ion:119 Resp: 3012

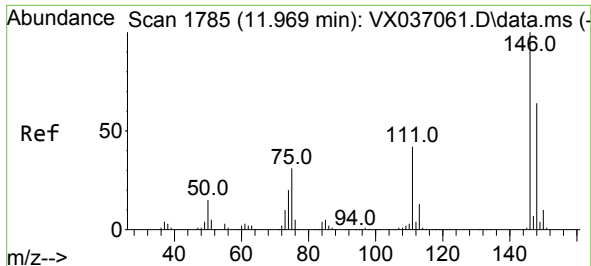
Ion Ratio Lower Upper

119 100

134 29.5 12.8 38.3

91 39.1 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 0.382 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. 0.006 min

Lab File: VX037057.D

Acq: 17 Aug 2023 13:34

Instrument :

MSVOA_X

ClientSampleId :

IBLK

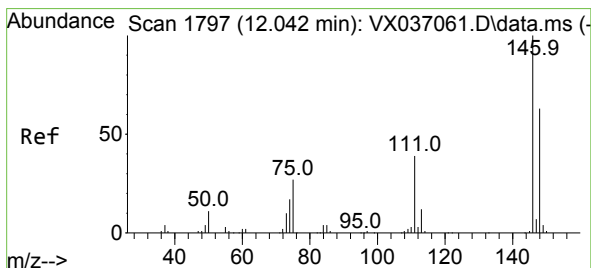
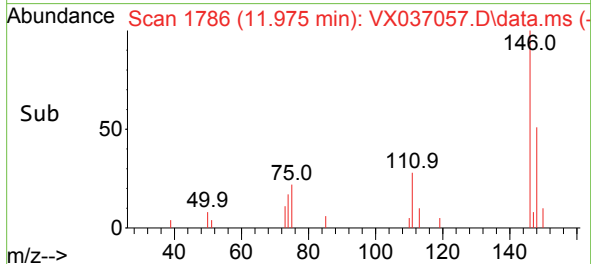
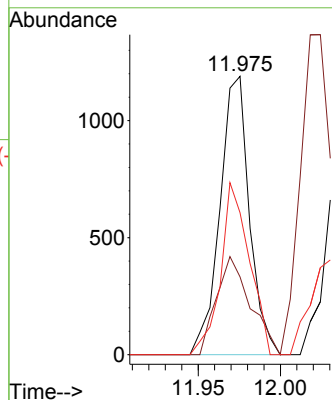
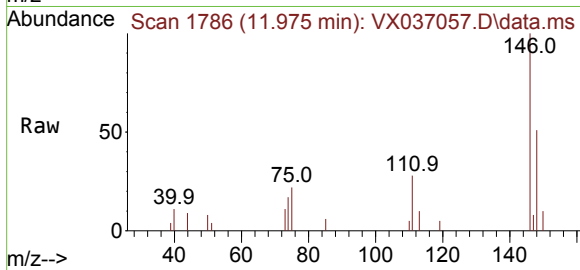
Tgt Ion:146 Resp: 1484

Ion Ratio Lower Upper

146 100

111 40.6 22.1 66.1

148 59.8 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 0.376 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. -0.067 min

Lab File: VX037057.D

Acq: 17 Aug 2023 13:34

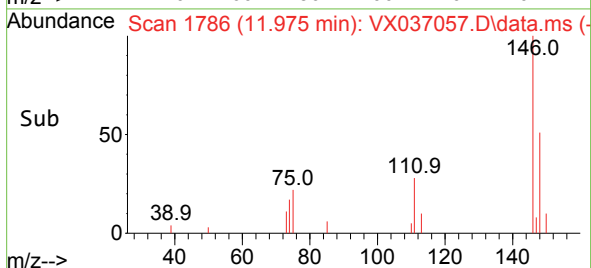
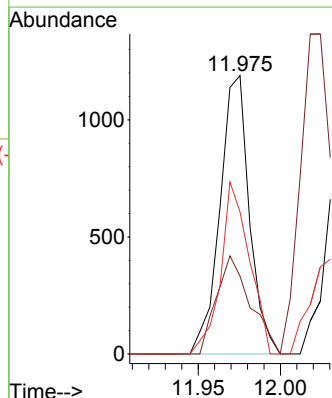
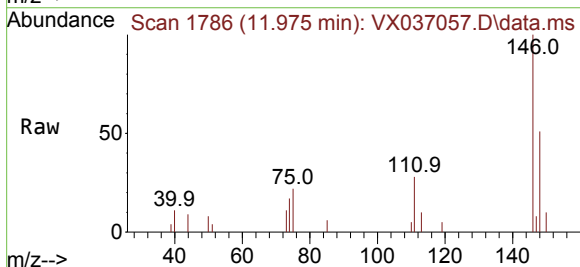
Tgt Ion:146 Resp: 1484

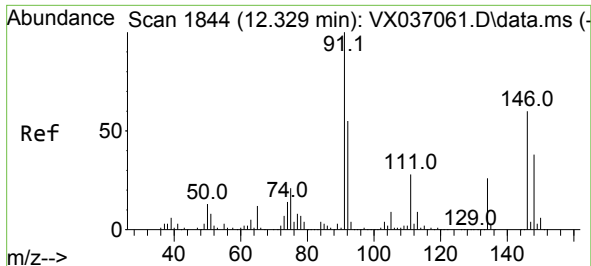
Ion Ratio Lower Upper

146 100

111 40.6 21.3 63.7

148 59.8 31.8 95.4





#89

n-Butylbenzene

Concen: 0.734 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX037057.D

Acq: 17 Aug 2023 13:34

Instrument :

MSVOA_X

ClientSampleId :

IBLK

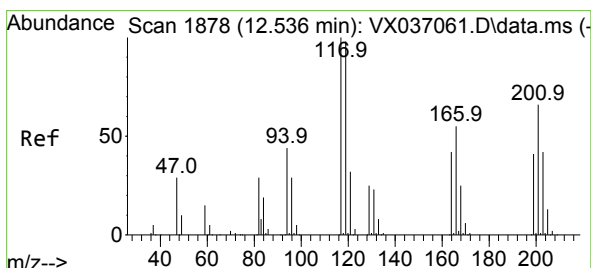
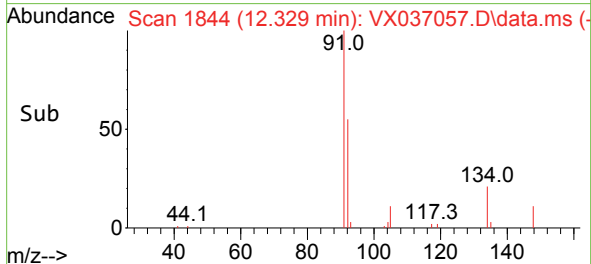
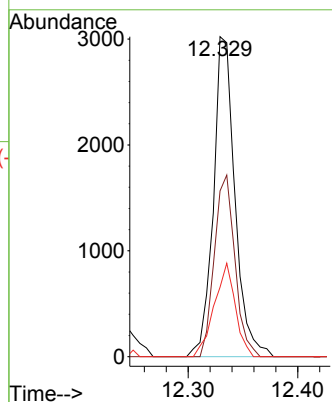
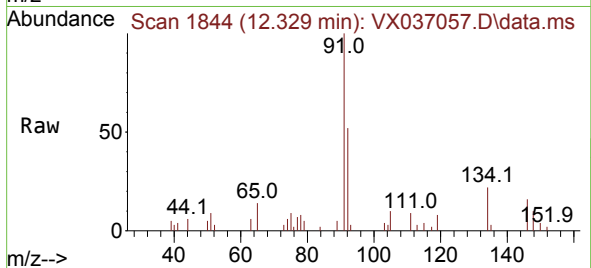
Tgt Ion: 91 Resp: 4138

Ion Ratio Lower Upper

91 100

92 54.0 27.4 82.0

134 28.5 12.6 37.8



#90

Hexachloroethane

Concen: 0.318 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX037057.D

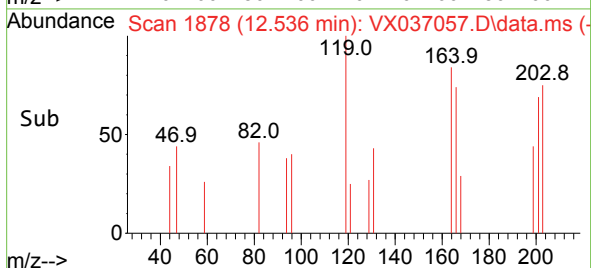
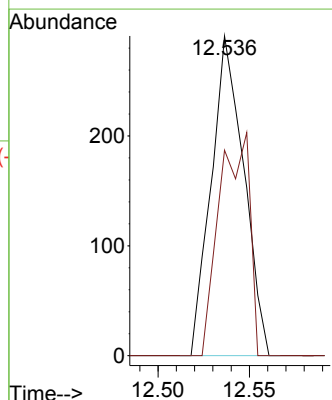
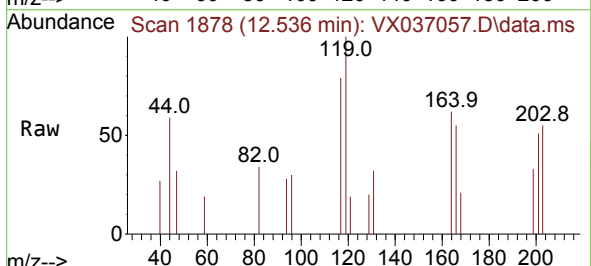
Acq: 17 Aug 2023 13:34

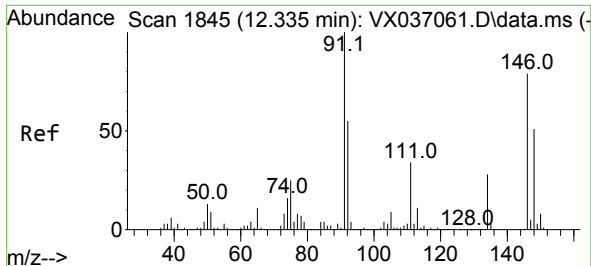
Tgt Ion: 117 Resp: 361

Ion Ratio Lower Upper

117 100

201 65.1 32.9 98.6

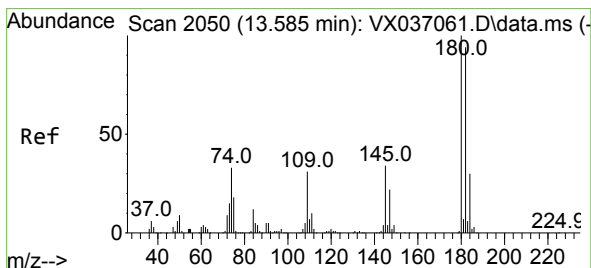
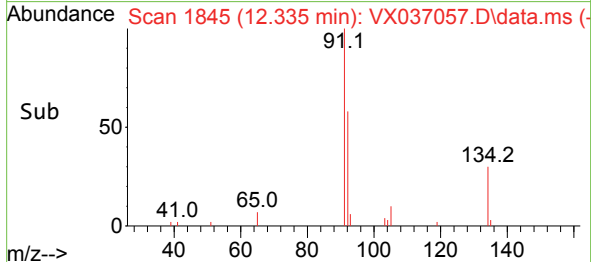
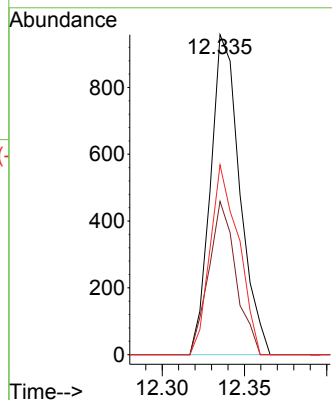
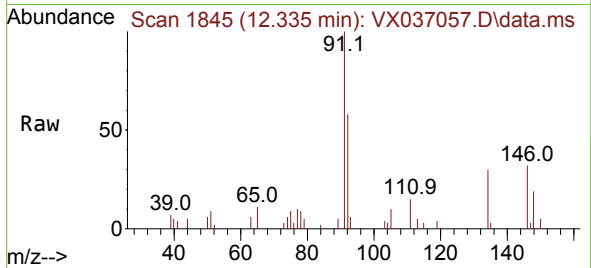




#91
1,2-Dichlorobenzene
Concen: 0.312 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX037057.D
Acq: 17 Aug 2023 13:34

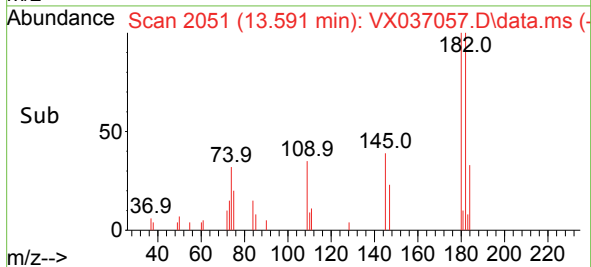
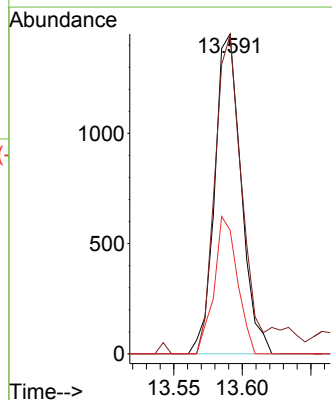
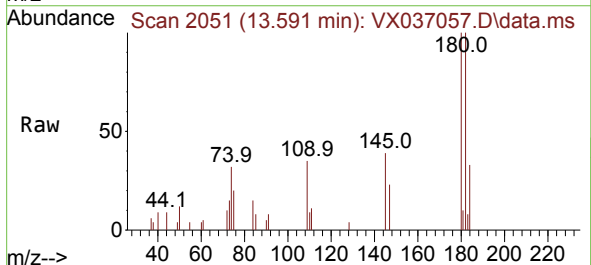
Instrument :
MSVOA_X
ClientSampleId :
IBLK

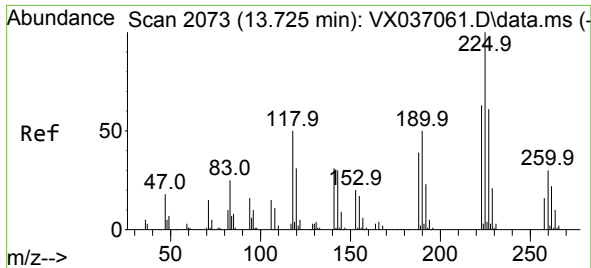
Tgt Ion:146 Resp: 1185
Ion Ratio Lower Upper
146 100
111 44.5 22.4 67.0
148 57.4 31.6 95.0



#93
1,2,4-Trichlorobenzene
Concen: 0.873 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX037057.D
Acq: 17 Aug 2023 13:34

Tgt Ion:180 Resp: 1942
Ion Ratio Lower Upper
180 100
182 109.3 48.3 144.8
145 37.6 18.0 54.0

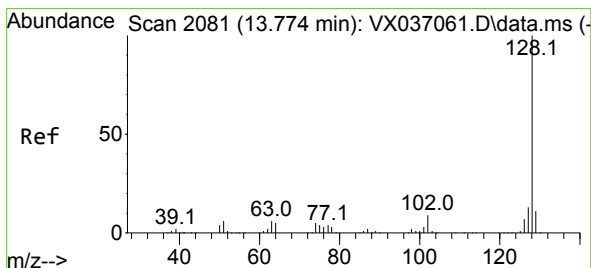
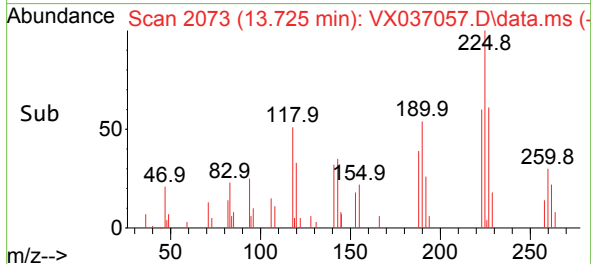
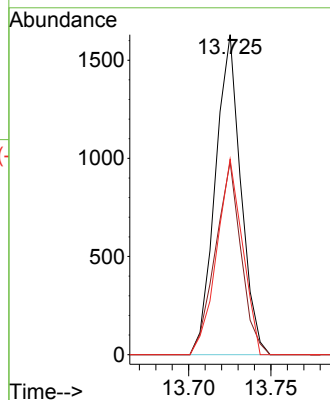
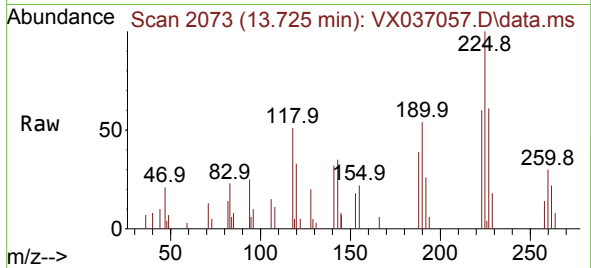




#94
Hexachlorobutadiene
Concen: 2.042 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX037057.D
Acq: 17 Aug 2023 13:34

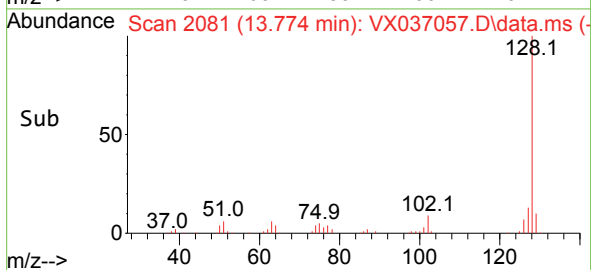
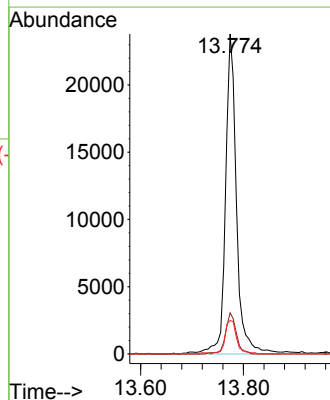
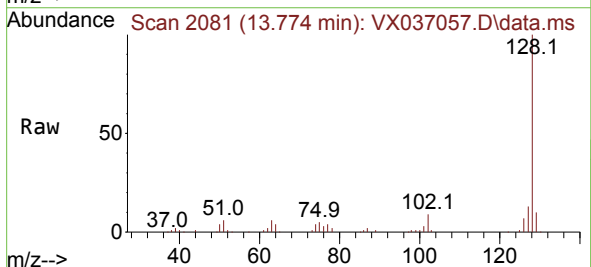
Instrument :
MSVOA_X
ClientSampleId :
IBLK

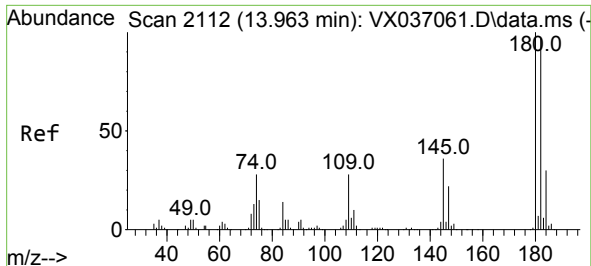
Tgt Ion:225 Resp: 1756
Ion Ratio Lower Upper
225 100
223 61.0 31.1 93.2
227 61.8 32.5 97.5



#95
Naphthalene
Concen: 3.621 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX037057.D
Acq: 17 Aug 2023 13:34

Tgt Ion:128 Resp: 35303
Ion Ratio Lower Upper
128 100
127 12.5 10.3 15.5
129 11.0 8.8 13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 0.968 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. 0.000 min
 Lab File: VX037057.D
 Acq: 17 Aug 2023 13:34

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.7	46.9	140.6
145	37.6	17.8	53.5

