

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100623\
 Data File : VX038149.D
 Acq On : 07 Oct 2023 00:38
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Oct 07 06:33:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X100623W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Oct 07 06:30:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.904	128	11483	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	91705	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	111046	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	48992	31.230	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 104.100%	
60) 4-Bromofluorobenzene	11.079	95	64561	27.909	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 93.033%	
63) Toluene-d8	8.647	98	130371	30.318	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 101.067%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	616	0.446	ug/l	98
3) Chloromethane	1.301	50	357	0.261	ug/l #	88
5) Bromomethane	1.611	94	459	0.237	ug/l	85
7) Trichlorofluoromethane	1.892	101	1490	0.436	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.325	101	613	0.470	ug/l	93
10) 1,1-Dichloroethene	2.319	96	634	0.499	ug/l	81
11) Methyl Iodide	2.453	142	460	0.243	ug/l #	82
13) Acrolein	2.239	56	423	1.560	ug/l	84
14) Acrylonitrile	3.075	53	1891	1.866	ug/l	92
15) Acetone	2.386	58	257	0.952	ug/l	84
16) Carbon Disulfide	2.514	76	7479	2.203	ug/l	95
18) Methylene Chloride	2.794	84	919	0.555	ug/l #	71
19) trans-1,2-Dichloroethene	3.099	96	1453	0.913	ug/l #	80
22) cis-1,2-Dichloroethene	4.501	96	479	0.256	ug/l #	80
23) tert-Butyl Alcohol	2.941	59	104	0.233	ug/l #	1
26) Cyclohexane	5.464	56	523	0.217	ug/l #	91
30) 2-Butanone	4.587	43	359	0.230	ug/l #	85
37) Trichloroethene	7.129	130	997	0.527	ug/l	92
38) Methylcyclohexane	7.385	83	1178	0.408	ug/l	69
40) Dibromomethane	7.598	93	428	0.304	ug/l #	44
45) 1,4-Dioxane	7.665	88	96	1.759	ug/l #	1
46) Methyl methacrylate	7.379	41	540	0.255	ug/l #	63
48) t-1,3-Dichloropropene	8.988	75	693	0.268	ug/l	93
55) 2-Chloroethyl vinyl ether	8.251	63	1120	0.747	ug/l #	86
58) 4-Methyl-2-Pentanone	8.574	43	825	0.297	ug/l #	87
59) 2-Hexanone	9.439	43	973	0.435	ug/l #	73
61) Tetrachloroethene	9.275	164	811	0.534	ug/l #	85
62) Toluene	8.720	91	2292	0.310	ug/l	97
64) Chlorobenzene	10.079	112	1945	0.420	ug/l #	87
66) Ethyl Benzene	10.646	91	1733	0.207	ug/l	96
67) m/p-Xylenes	10.305	106	2300	0.707	ug/l	85
68) o-Xylene	10.640	106	822	0.260	ug/l	100
69) Styrene	10.659	104	1567	0.299	ug/l #	84
70) Isopropylbenzene	10.963	105	2772	0.333	ug/l	97
73) Bromobenzene	11.201	156	716	0.347	ug/l	91
74) n-propylbenzene	11.305	91	4402	0.435	ug/l	97
75) 2-Chlorotoluene	11.366	91	2548	0.428	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	2624	0.361	ug/l	99
78) 4-Chlorotoluene	11.457	91	3416	0.483	ug/l	98

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

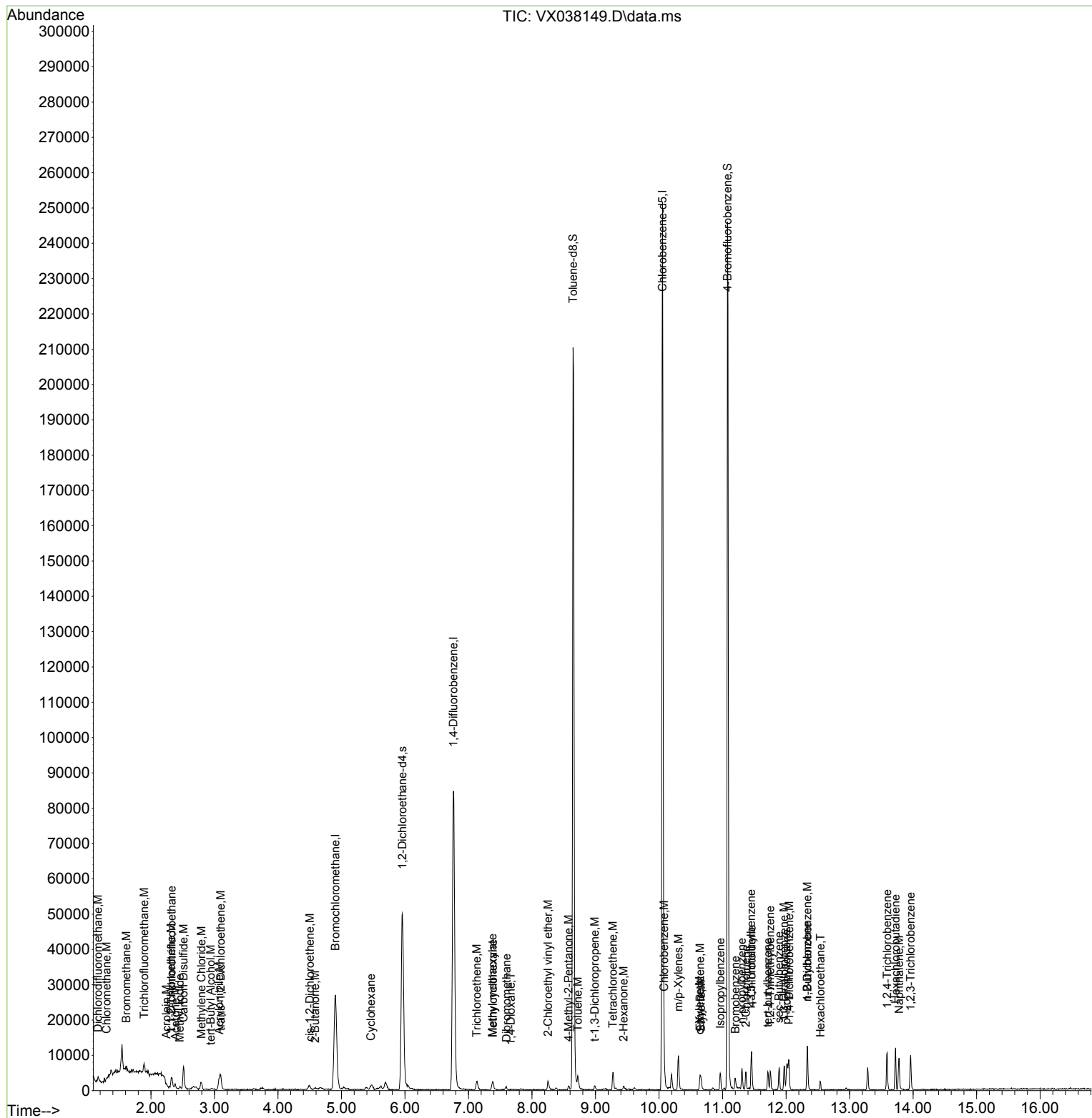
79) tert-butylbenzene	11.713	119	1980	0.286	ug/l	88
80) 1,2,4-Trimethylbenzene	11.750	105	2630	0.370	ug/l	95
81) sec-Butylbenzene	11.890	105	3612	0.399	ug/l	93
82) p-Isopropyltoluene	12.006	119	2903	0.388	ug/l	90
83) 1,3-Dichlorobenzene	11.969	146	2351	0.585	ug/l	96
84) 1,4-Dichlorobenzene	12.049	146	2706	0.661	ug/l	95
85) n-Butylbenzene	12.335	91	3852	0.540	ug/l	91
86) Hexachloroethane	12.542	117	323	0.261	ug/l	74
87) 1,2-Dichlorobenzene	12.335	146	1730	0.444	ug/l	95
89) 1,2,4-Trichlorobenzene	13.591	180	2654	1.049	ug/l	97
90) Hexachlorobutadiene	13.725	225	1534	1.507	ug/l	97
91) Naphthalene	13.780	128	6392	0.737	ug/l	97
92) 1,2,3-Trichlorobenzene	13.963	180	2648	1.069	ug/l	95

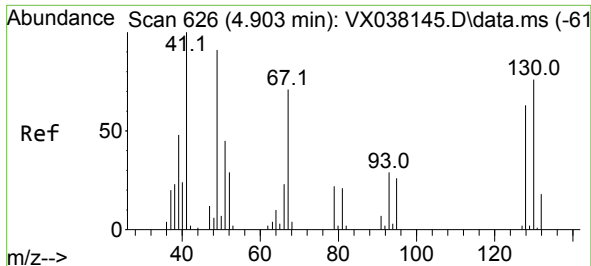
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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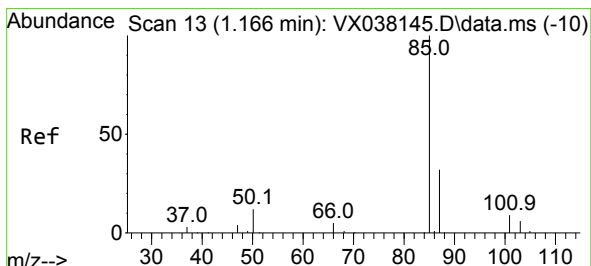
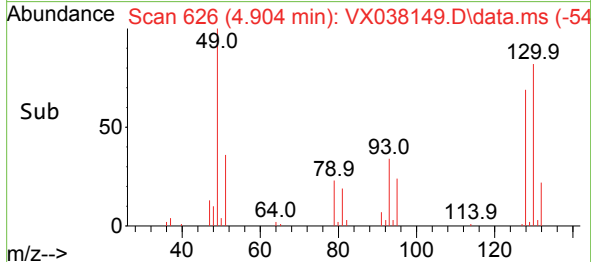
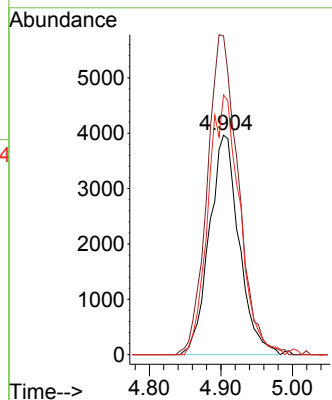
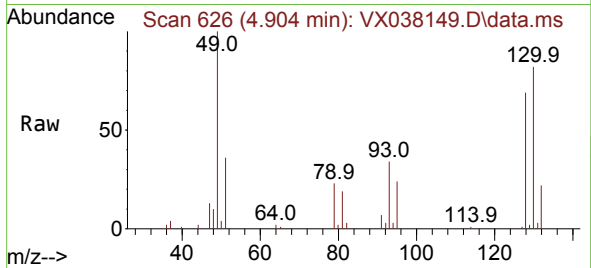




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.001 min
Lab File: VX038149.D
Acq: 07 Oct 2023 00:38

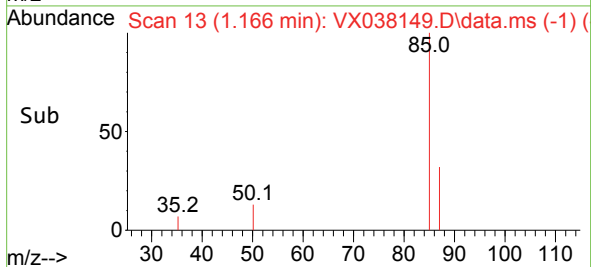
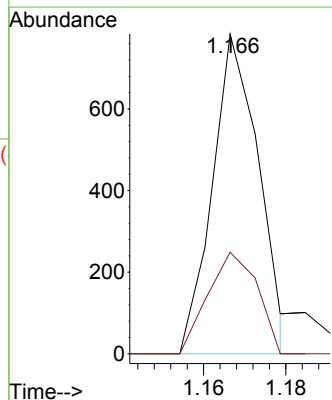
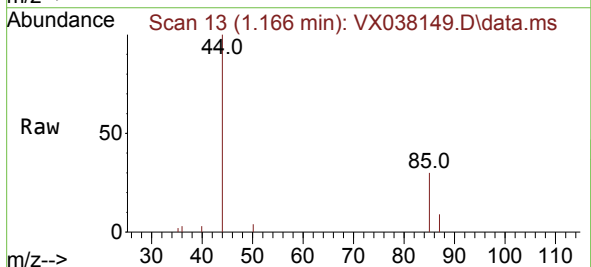
Instrument :
MSVOA_X
ClientSampleId :
IBLK

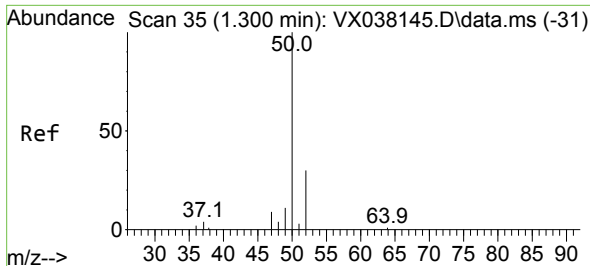
Tgt Ion:128 Resp: 11483
Ion Ratio Lower Upper
128 100
49 151.7 0.0 406.3
130 126.1 0.0 328.0



#2
Dichlorodifluoromethane
Concen: 0.446 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038149.D
Acq: 07 Oct 2023 00:38

Tgt Ion: 85 Resp: 616
Ion Ratio Lower Upper
85 100
87 31.8 16.4 49.4

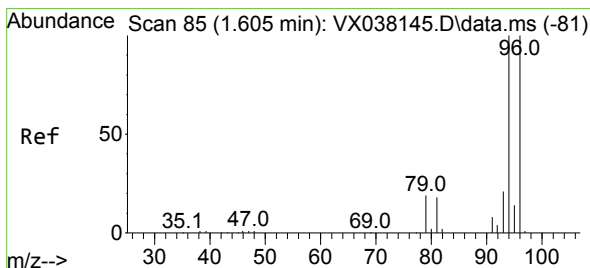
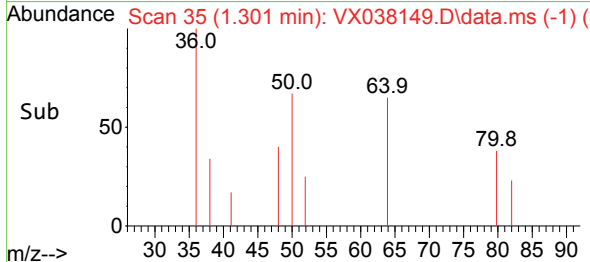
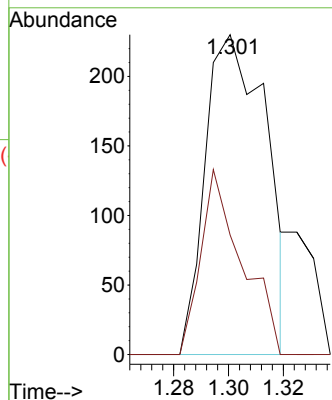
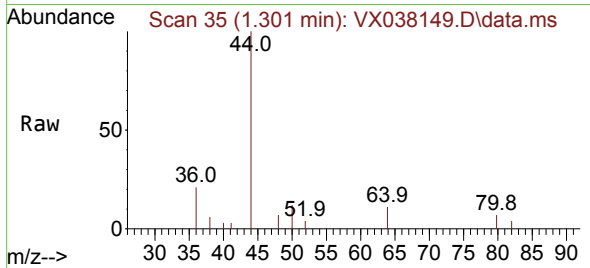




#3
Chloromethane
Concen: 0.261 ug/l
RT: 1.301 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX038149.D
Acq: 07 Oct 2023 00:38

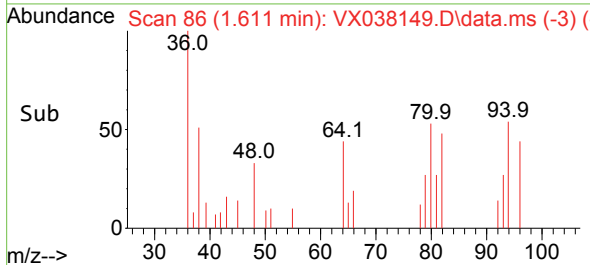
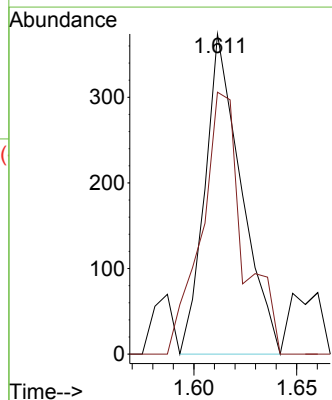
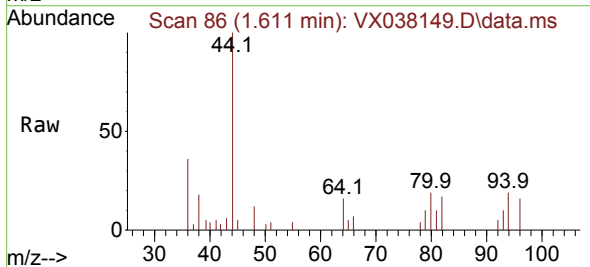
Instrument :
MSVOA_X
ClientSampleId :
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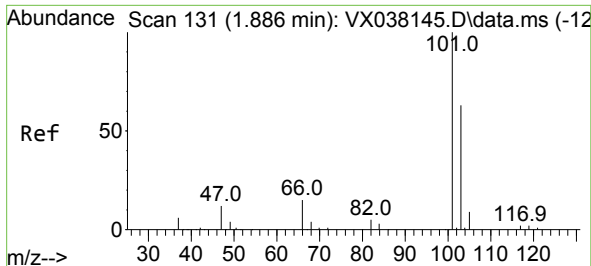
Tgt Ion: 50 Resp: 357
Ion Ratio Lower Upper
50 100
52 37.4 24.5 36.7#



#5
Bromomethane
Concen: 0.237 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.006 min
Lab File: VX038149.D
Acq: 07 Oct 2023 00:38

Tgt Ion: 94 Resp: 459
Ion Ratio Lower Upper
94 100
96 81.8 77.4 116.2

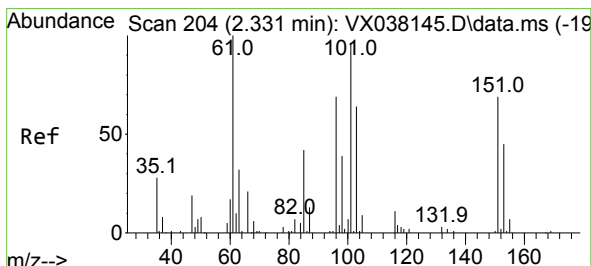
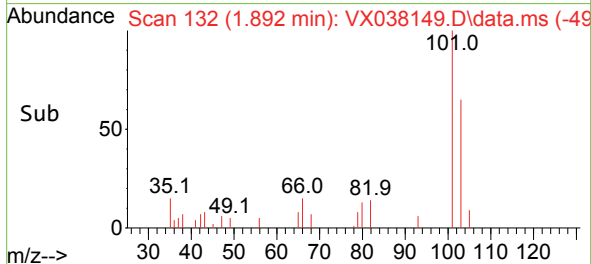
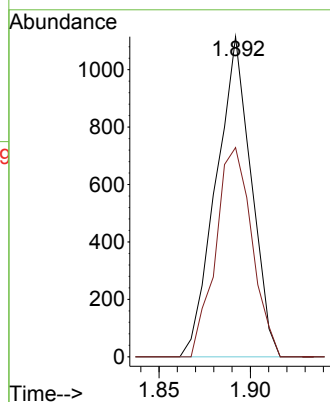
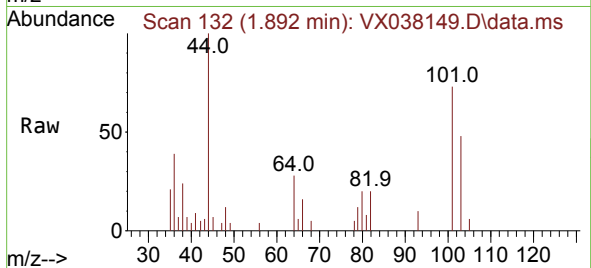




#7
 Trichlorofluoromethane
 Concen: 0.436 ug/l
 RT: 1.892 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX038149.D
 Acq: 07 Oct 2023 00:38

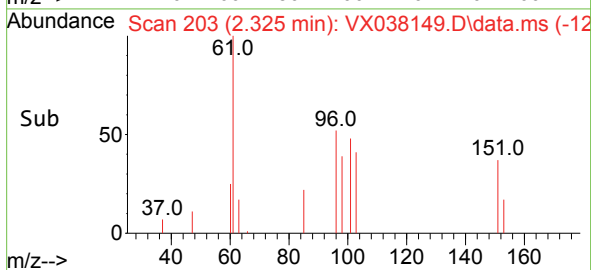
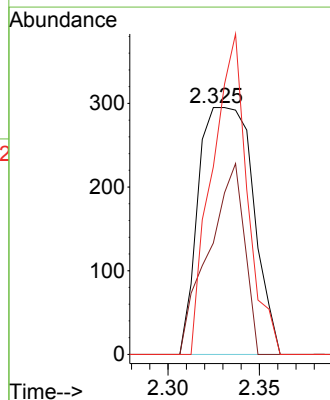
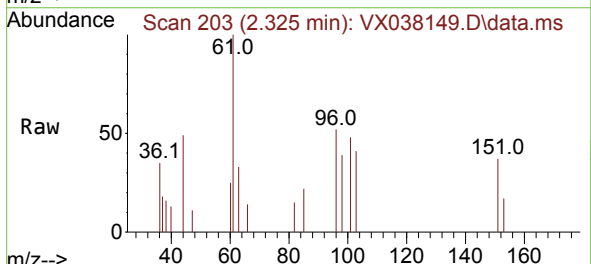
Instrument :
 MSVOA_X
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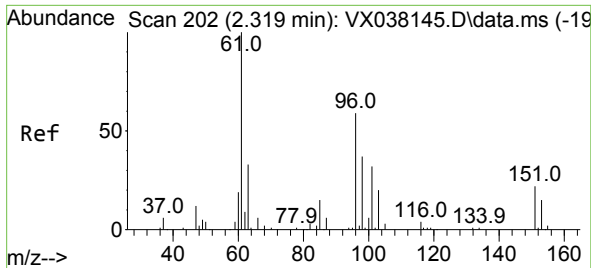
Tgt Ion:101 Resp: 1490
 Ion Ratio Lower Upper
 101 100
 103 65.4 52.2 78.2



#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.470 ug/l
 RT: 2.325 min Scan# 203
 Delta R.T. -0.006 min
 Lab File: VX038149.D
 Acq: 07 Oct 2023 00:38

Tgt Ion:101 Resp: 613
 Ion Ratio Lower Upper
 101 100
 85 50.6 0.0 91.0
 151 84.0 0.0 155.4

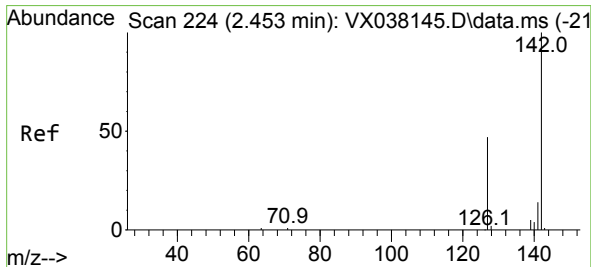
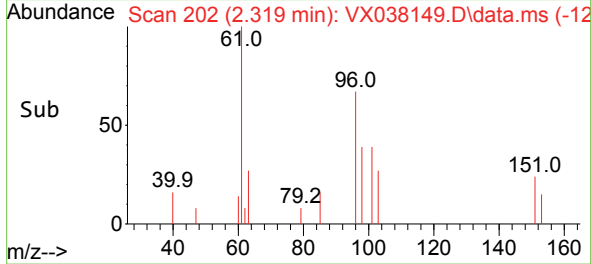
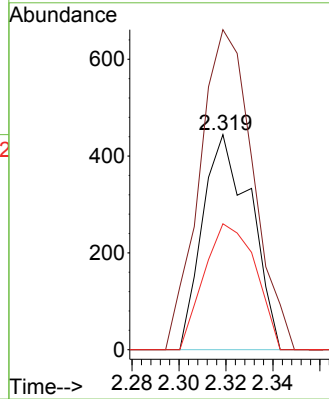
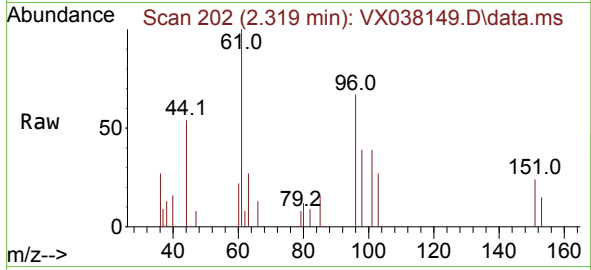




#10
1,1-Dichloroethene
Concen: 0.499 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX038149.D
Acq: 07 Oct 2023 00:38

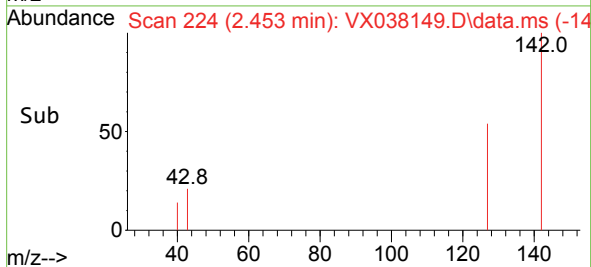
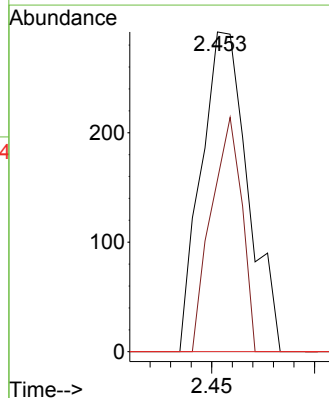
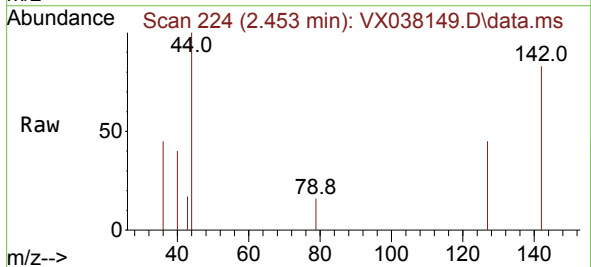
Instrument :
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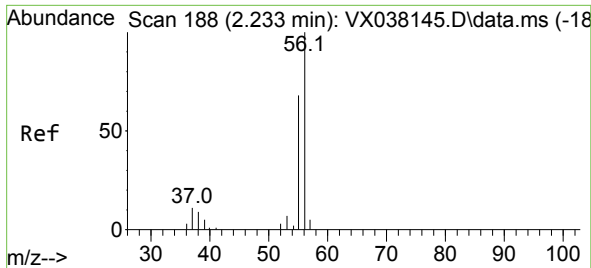
Tgt Ion: 96 Resp: 634
Ion Ratio Lower Upper
96 100
61 127.9 127.2 190.8
98 58.6 52.7 79.1



#11
Methyl Iodide
Concen: 0.243 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX038149.D
Acq: 07 Oct 2023 00:38

Tgt Ion: 142 Resp: 460
Ion Ratio Lower Upper
142 100
127 53.8 22.9 68.8
141 0.0 7.5 22.6#





#13

Acrolein

Concen: 1.560 ug/l

RT: 2.239 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX038149.D

Acq: 07 Oct 2023 00:38

Instrument :

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ClientSampleId :

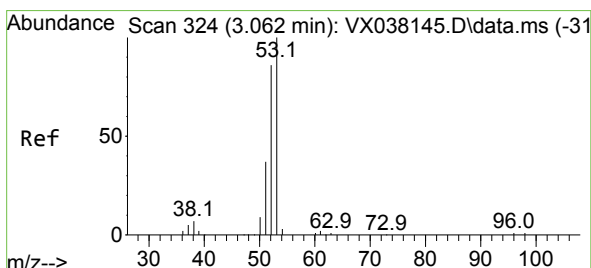
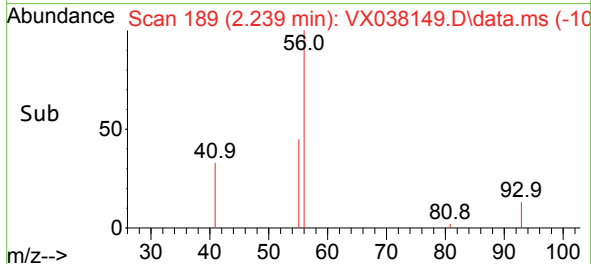
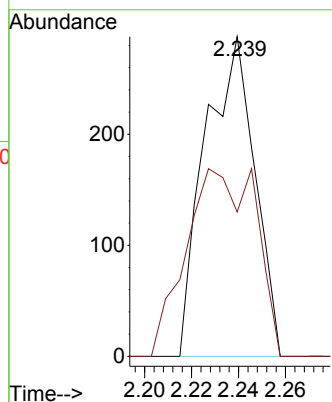
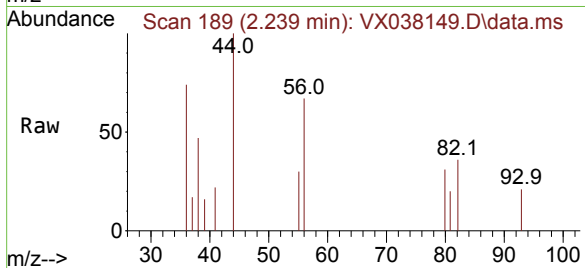
IBLK

Tgt Ion: 56 Resp: 423

Ion Ratio Lower Upper

56 100

55 61.2 59.7 89.5



#14

Acrylonitrile

Concen: 1.866 ug/l

RT: 3.075 min Scan# 326

Delta R.T. 0.012 min

Lab File: VX038149.D

Acq: 07 Oct 2023 00:38

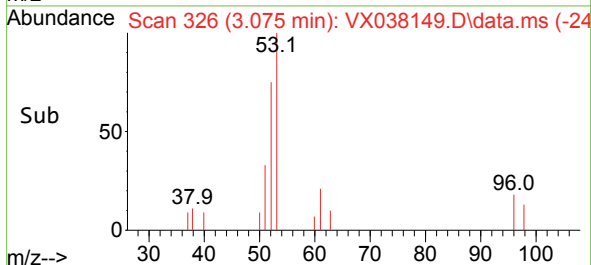
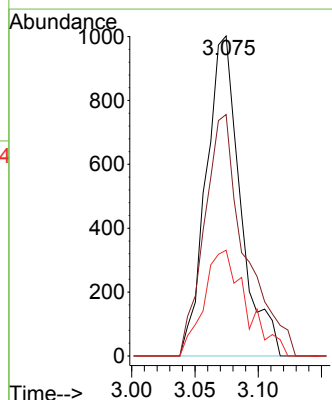
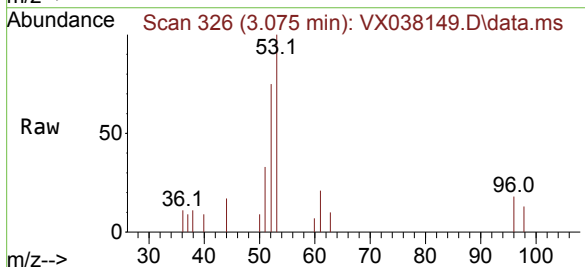
Tgt Ion: 53 Resp: 1891

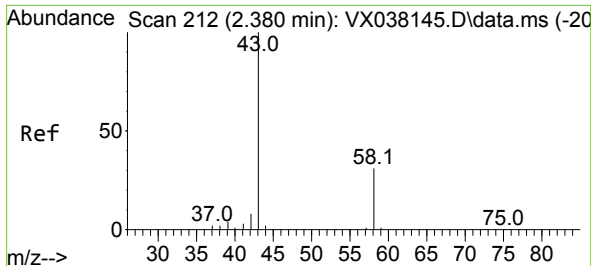
Ion Ratio Lower Upper

53 100

52 88.8 40.0 119.9

51 38.6 18.2 54.6





#15

Acetone

Concen: 0.952 ug/l

RT: 2.386 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX038149.D

Acq: 07 Oct 2023 00:38

Instrument :

MSVOA_X

ClientSampleId :

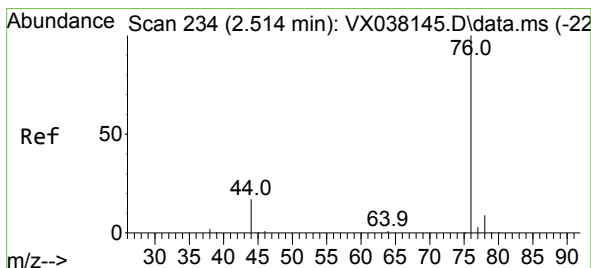
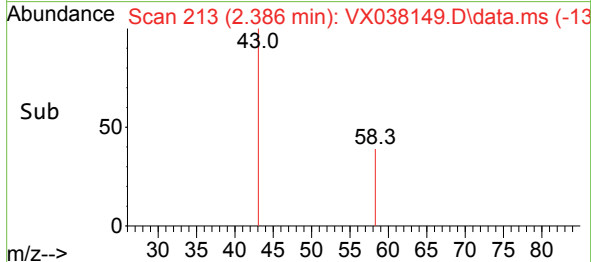
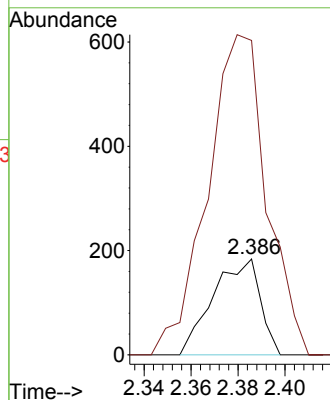
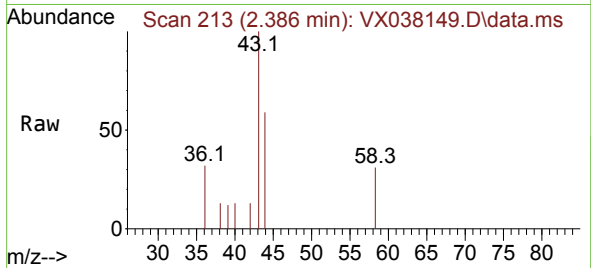
IBLK

Tgt Ion: 58 Resp: 257

Ion Ratio Lower Upper

58 100

43 294.0 261.0 391.4



#16

Carbon Disulfide

Concen: 2.203 ug/l

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX038149.D

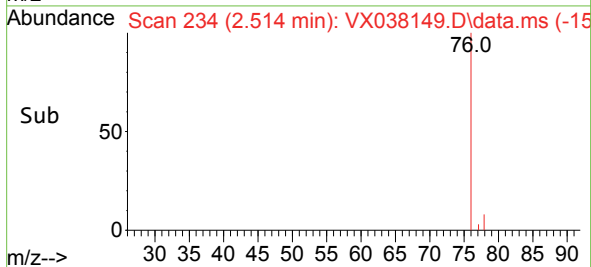
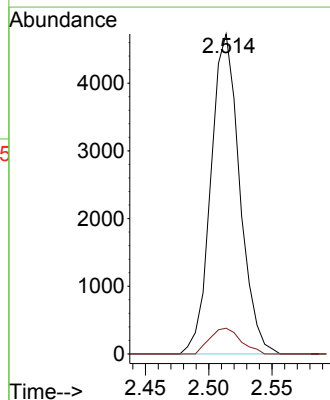
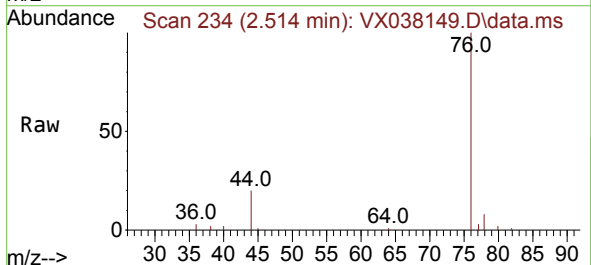
Acq: 07 Oct 2023 00:38

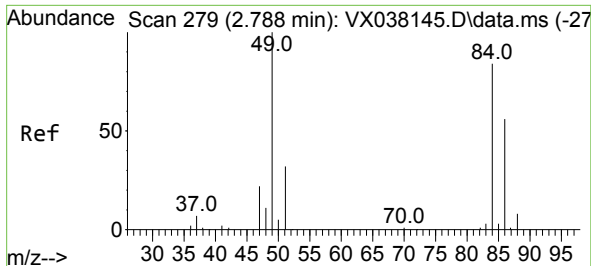
Tgt Ion: 76 Resp: 7479

Ion Ratio Lower Upper

76 100

78 8.1 8.0 12.0

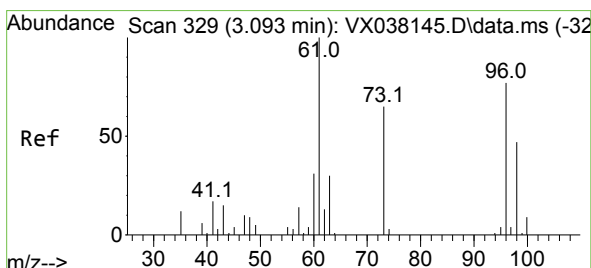
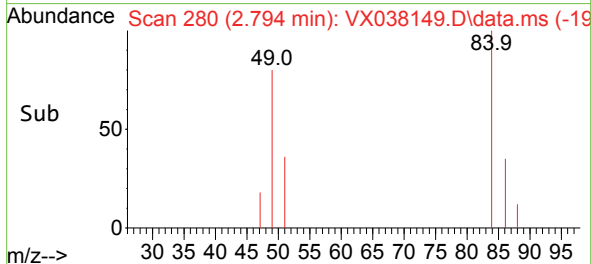
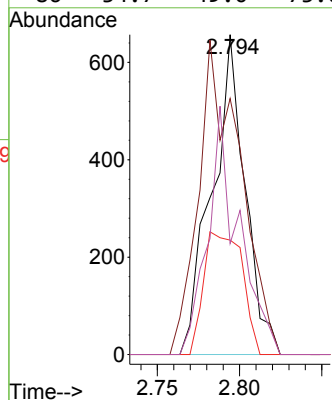
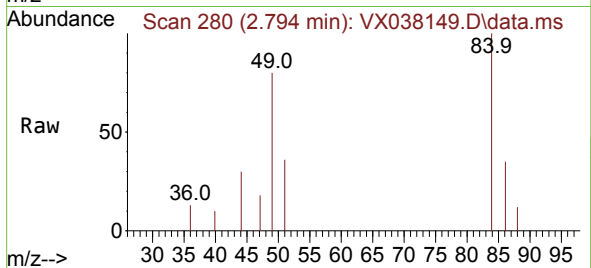




#18
Methylene Chloride
Concen: 0.555 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX038149.D
Acq: 07 Oct 2023 00:38

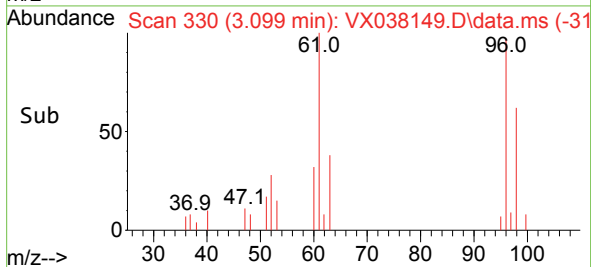
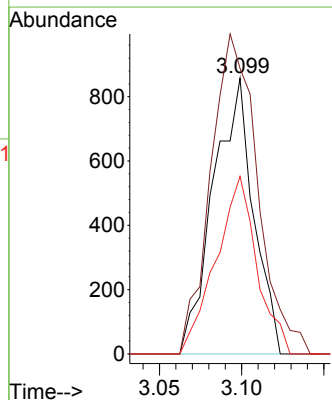
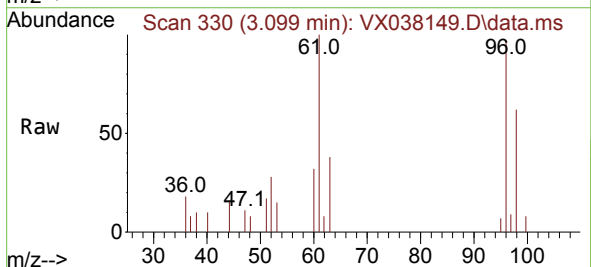
Instrument :
MSVOA_X
ClientSampleId :
IBLK

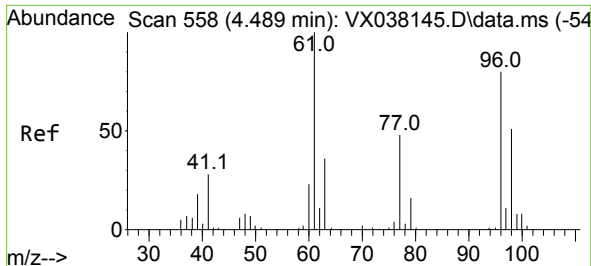
Tgt Ion: 84 Resp: 919
Ion Ratio Lower Upper
84 100
49 80.1 95.4 143.0#
51 35.8 28.3 42.5
86 34.7 49.0 73.6#



#19
trans-1,2-Dichloroethene
Concen: 0.913 ug/l
RT: 3.099 min Scan# 330
Delta R.T. 0.006 min
Lab File: VX038149.D
Acq: 07 Oct 2023 00:38

Tgt Ion: 96 Resp: 1453
Ion Ratio Lower Upper
96 100
61 103.6 108.7 163.1#
98 64.4 49.1 73.7





#22

cis-1,2-Dichloroethene

Concen: 0.256 ug/l

RT: 4.501 min Scan# 50

Delta R.T. 0.012 min

Lab File: VX038149.D

Acq: 07 Oct 2023 00:38

Instrument :

MSVOA_X

ClientSampleId :

IBLK

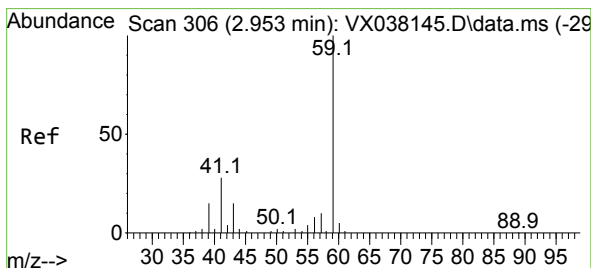
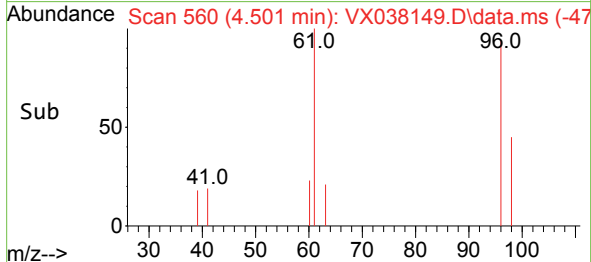
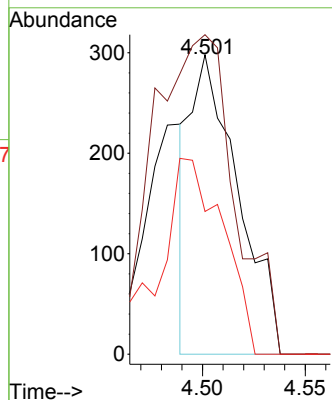
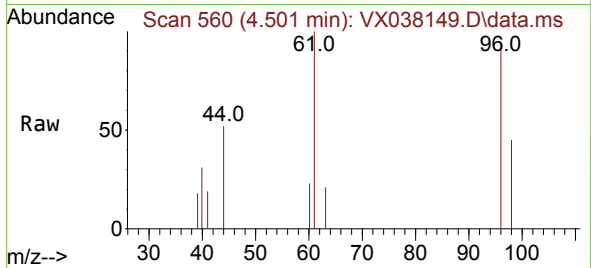
Tgt Ion: 96 Resp: 479

Ion Ratio Lower Upper

96 100

61 112.7 114.0 171.0#

98 72.4 51.6 77.4



#23

tert-Butyl Alcohol

Concen: 0.233 ug/l

RT: 2.941 min Scan# 304

Delta R.T. -0.012 min

Lab File: VX038149.D

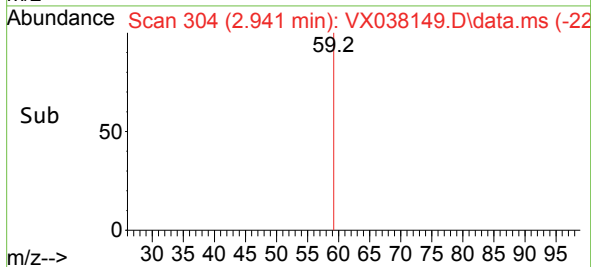
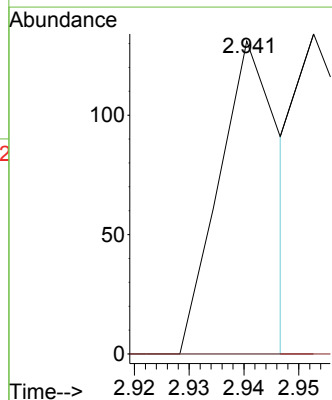
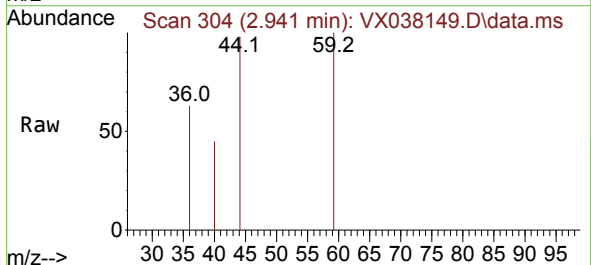
Acq: 07 Oct 2023 00:38

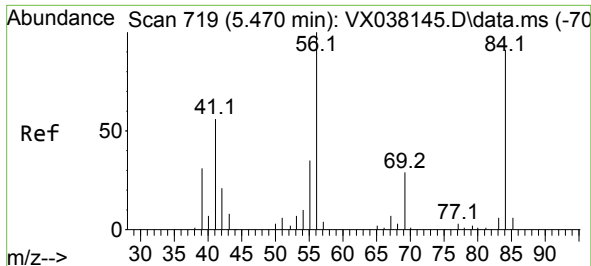
Tgt Ion: 59 Resp: 104

Ion Ratio Lower Upper

59 100

52 1615.4 142.6 213.8#

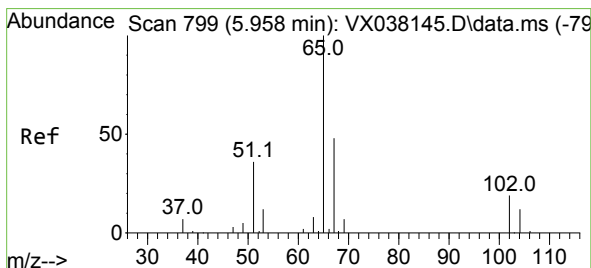
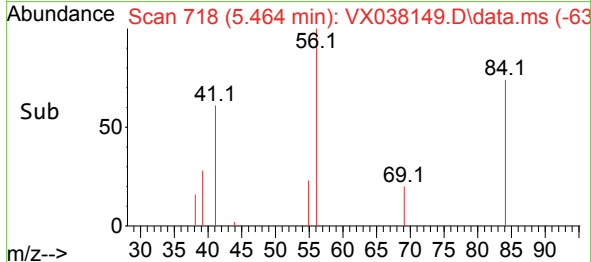
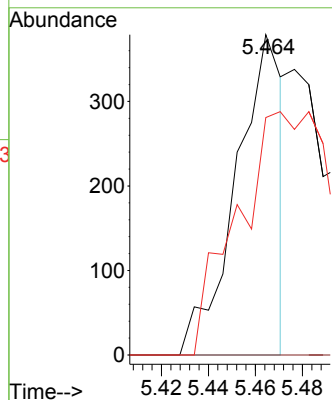
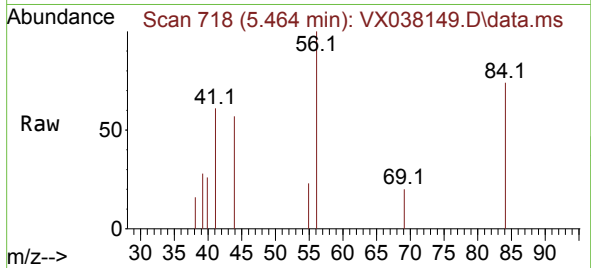




#26
Cyclohexane
Concen: 0.217 ug/l
RT: 5.464 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX038149.D
Acq: 07 Oct 2023 00:38

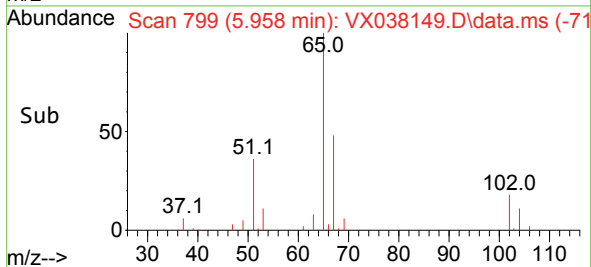
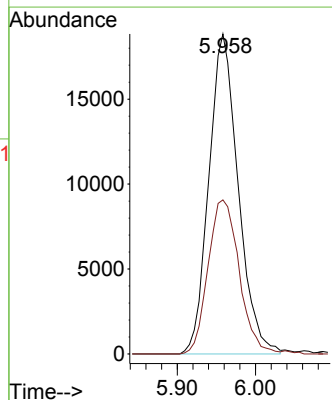
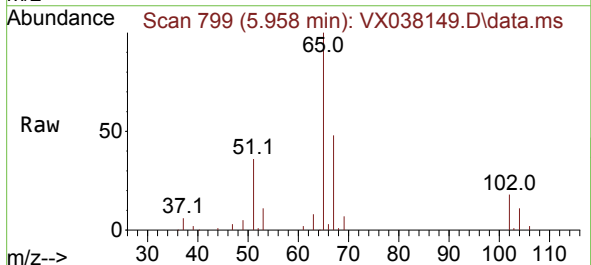
Instrument :
MSVOA_X
ClientSampleId :
IBLK

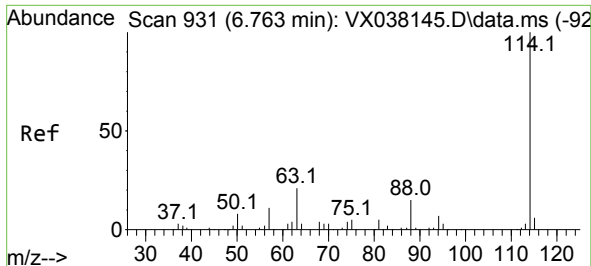
Tgt Ion: 56 Resp: 523
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 98.1 71.4 107.2



#27
1,2-Dichloroethane-d4
Concen: 31.230 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038149.D
Acq: 07 Oct 2023 00:38

Tgt Ion: 65 Resp: 48992
Ion Ratio Lower Upper
65 100
67 51.0 42.1 63.1





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX038149.D

Acq: 07 Oct 2023 00:38

Instrument :

MSVOA_X

ClientSampleId :

IBLK

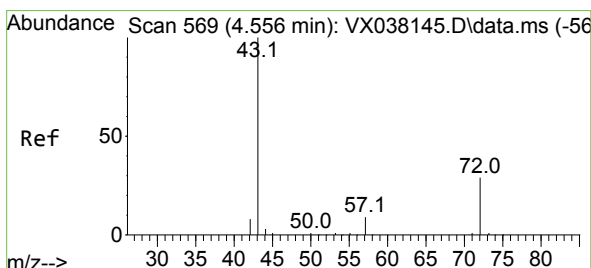
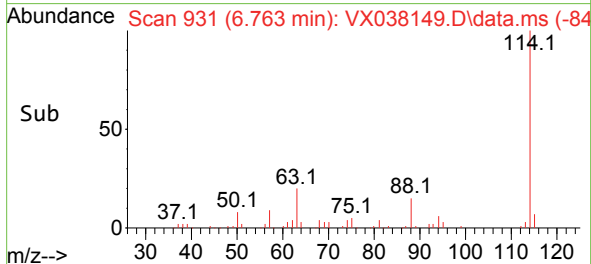
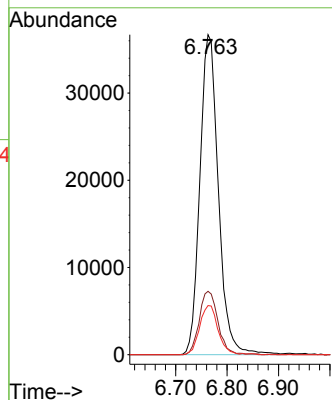
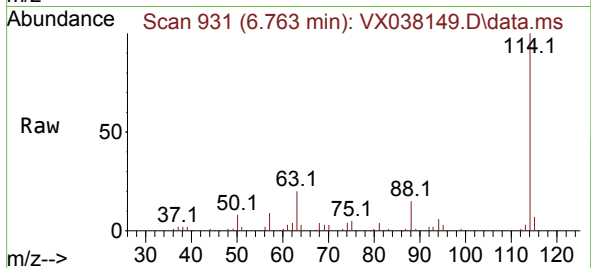
Tgt Ion:114 Resp: 91705

Ion Ratio Lower Upper

114 100

63 19.8 16.6 24.8

88 15.2 12.9 19.3



#30

2-Butanone

Concen: 0.230 ug/l

RT: 4.587 min Scan# 574

Delta R.T. 0.031 min

Lab File: VX038149.D

Acq: 07 Oct 2023 00:38

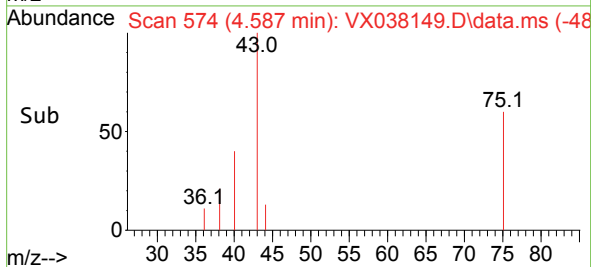
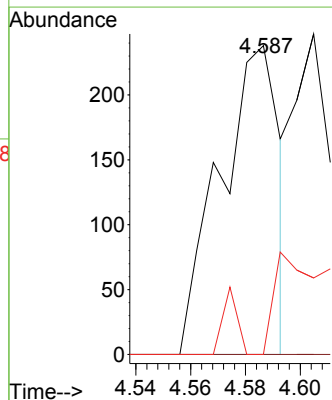
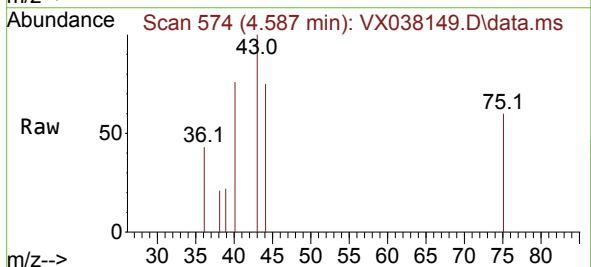
Tgt Ion: 43 Resp: 359

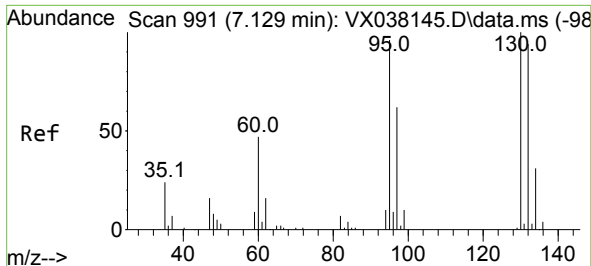
Ion Ratio Lower Upper

43 100

57 0.0 6.4 9.6#

72 20.6 21.6 32.4#





#37

Trichloroethene

Concen: 0.527 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.000 min

Lab File: VX038149.D

Acq: 07 Oct 2023 00:38

Instrument :

MSVOA_X

ClientSampleId :

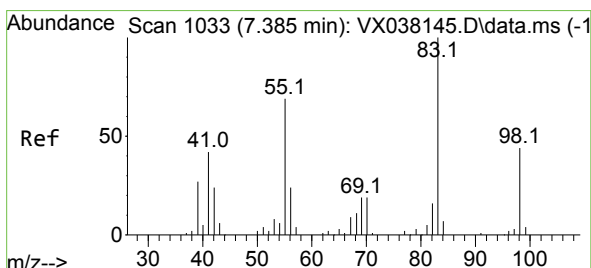
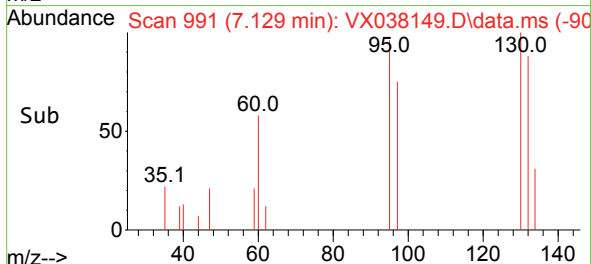
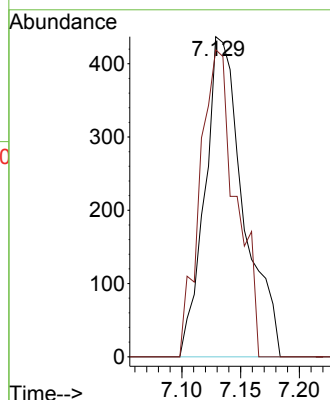
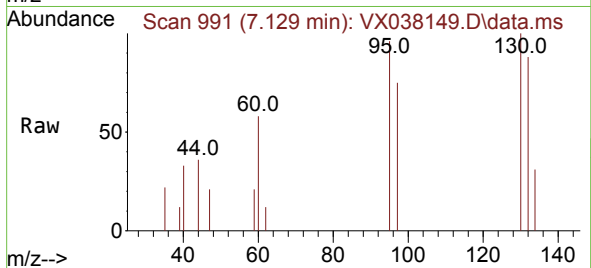
IBLK

Tgt Ion:130 Resp: 997

Ion Ratio Lower Upper

130 100

95 95.9 83.2 124.8



#38

Methylcyclohexane

Concen: 0.408 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VX038149.D

Acq: 07 Oct 2023 00:38

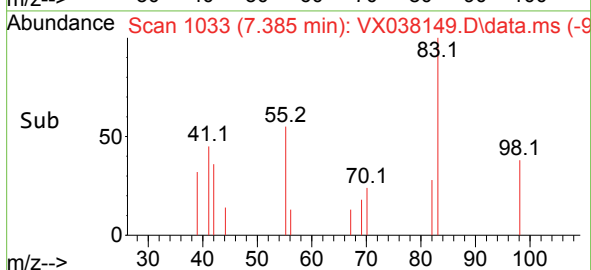
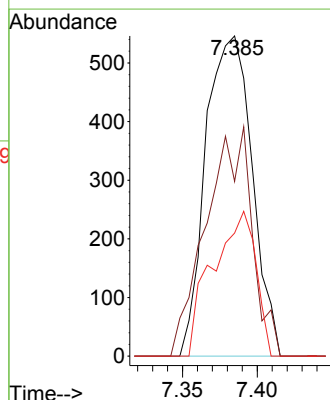
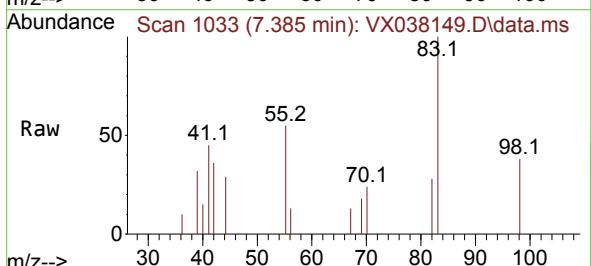
Tgt Ion: 83 Resp: 1178

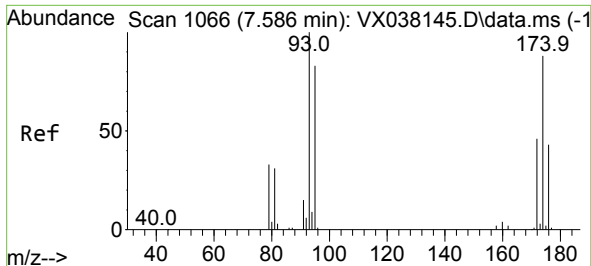
Ion Ratio Lower Upper

83 100

55 48.0 38.1 114.5

98 29.0 24.4 73.4

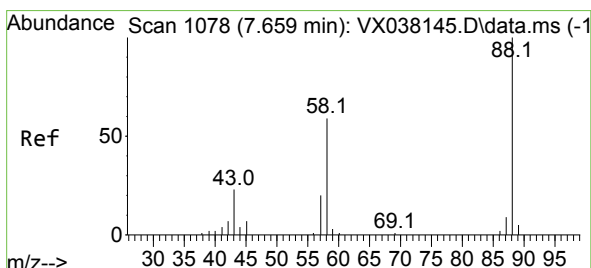
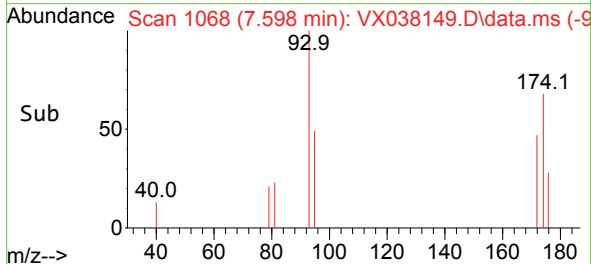
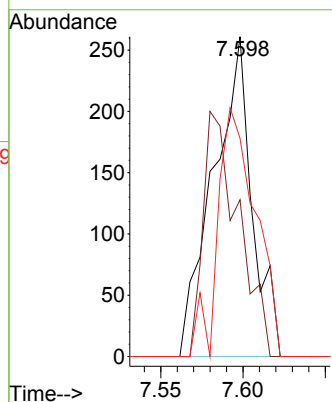
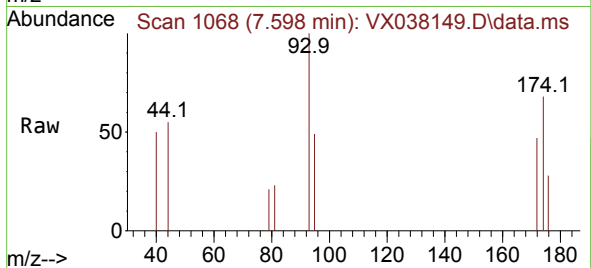




#40
Dibromomethane
Concen: 0.304 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. 0.012 min
Lab File: VX038149.D
Acq: 07 Oct 2023 00:38

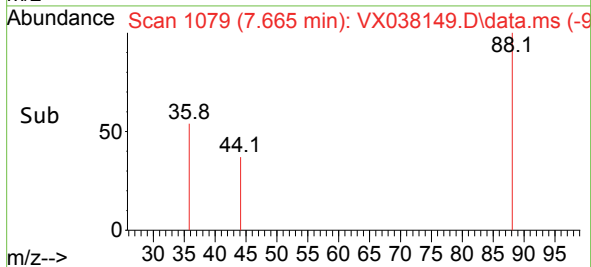
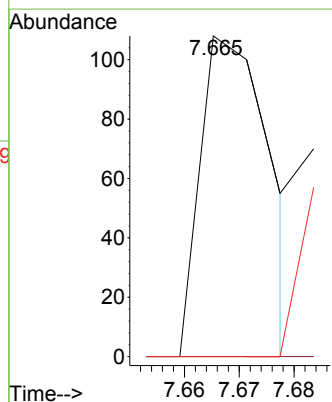
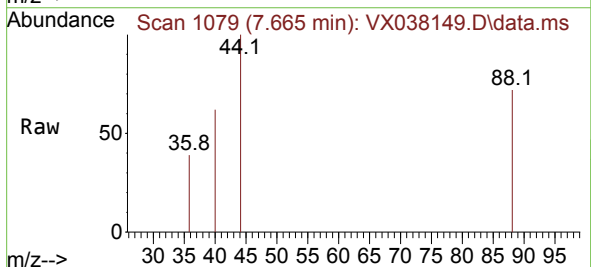
Instrument :
MSVOA_X
ClientSampleId :
IBLK

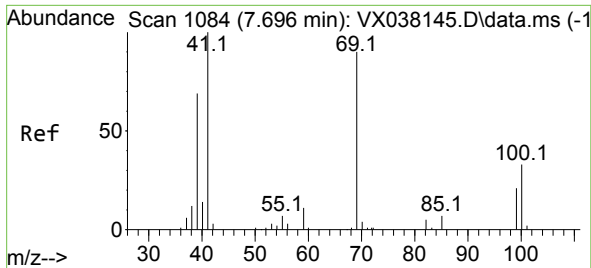
Tgt Ion: 93 Resp: 428
Ion Ratio Lower Upper
93 100
95 0.0 0.0 166.8
174 71.5 0.0 191.6



#45
1,4-Dioxane
Concen: 1.759 ug/l
RT: 7.665 min Scan# 1079
Delta R.T. 0.006 min
Lab File: VX038149.D
Acq: 07 Oct 2023 00:38

Tgt Ion: 88 Resp: 96
Ion Ratio Lower Upper
88 100
43 45.8 297.5 446.3#
58 93.8 1.0 1.4#

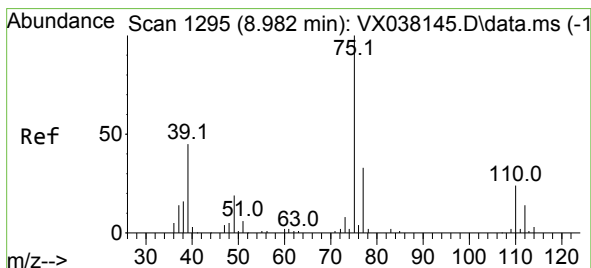
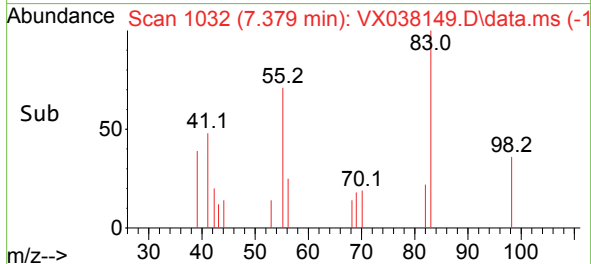
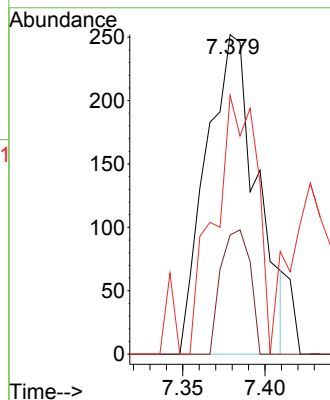
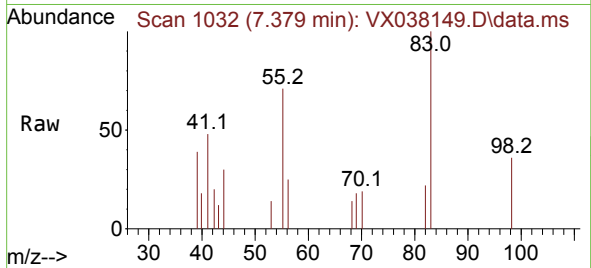




#46
Methyl methacrylate
Concen: 0.255 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.317 min
Lab File: VX038149.D
Acq: 07 Oct 2023 00:38

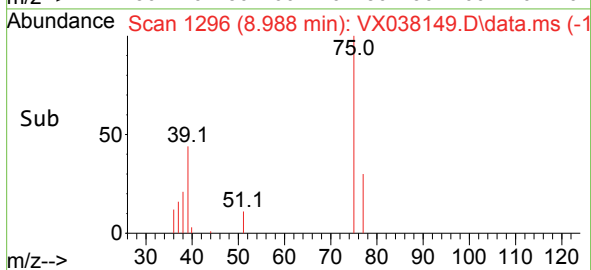
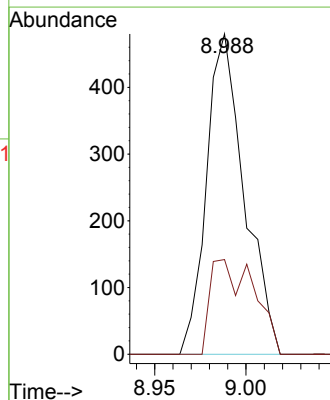
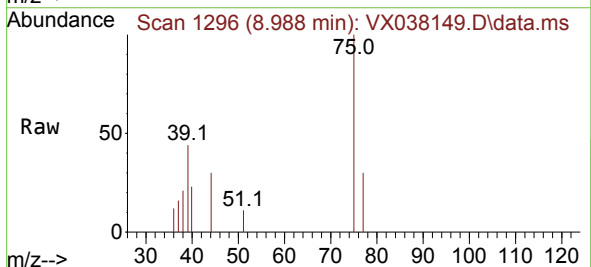
Instrument :
MSVOA_X
ClientSampleId :
IBLK

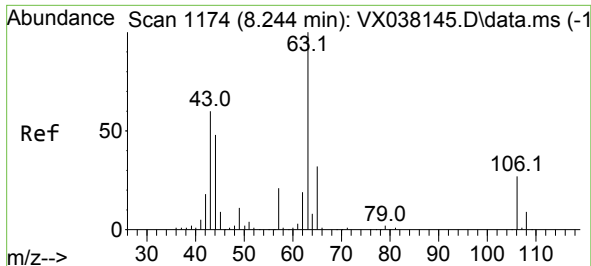
Tgt Ion: 41 Resp: 540
Ion Ratio Lower Upper
41 100
69 37.3 44.4 133.1#
39 81.0 34.9 104.7



#48
t-1,3-Dichloropropene
Concen: 0.268 ug/l
RT: 8.988 min Scan# 1296
Delta R.T. 0.006 min
Lab File: VX038149.D
Acq: 07 Oct 2023 00:38

Tgt Ion: 75 Resp: 693
Ion Ratio Lower Upper
75 100
77 29.6 26.8 40.2

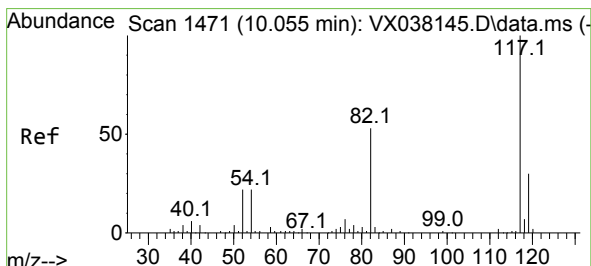
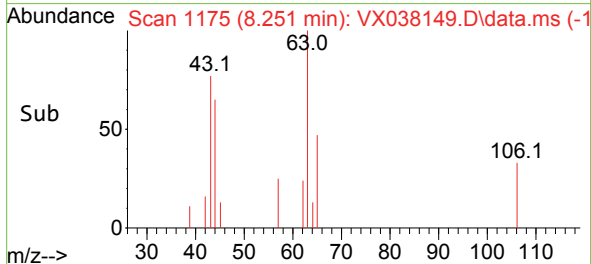
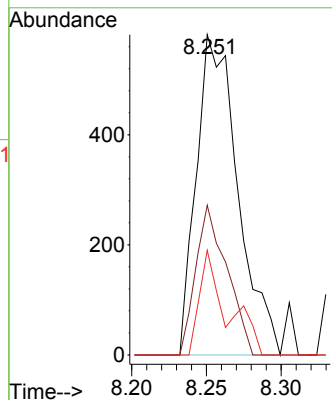
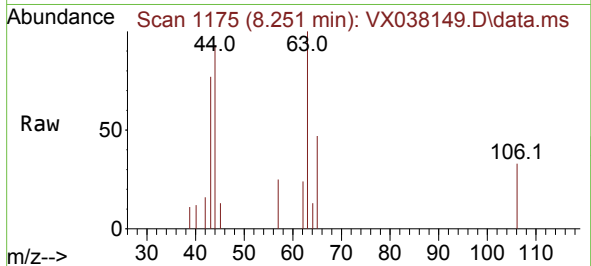




#55
2-Chloroethyl vinyl ether
Concen: 0.747 ug/l
RT: 8.251 min Scan# 1175
Delta R.T. 0.006 min
Lab File: VX038149.D
Acq: 07 Oct 2023 00:38

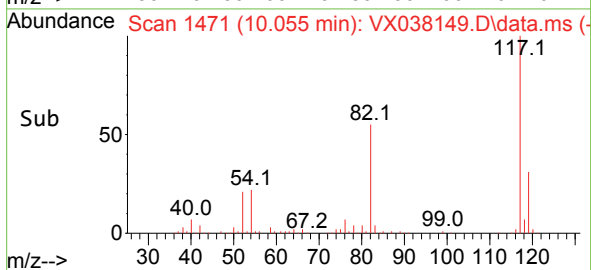
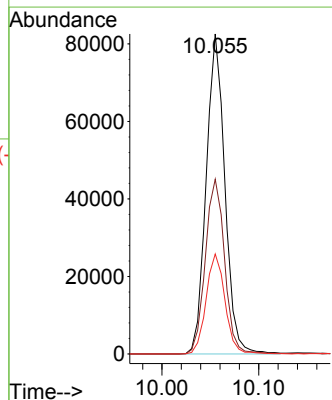
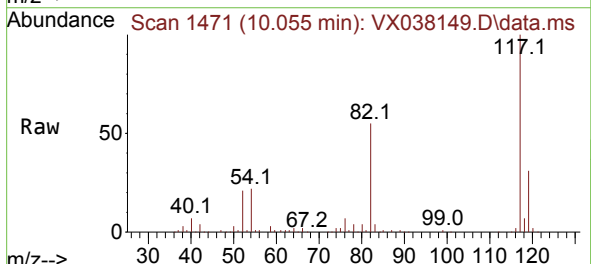
Instrument :
MSVOA_X
ClientSampleId :
IBLK

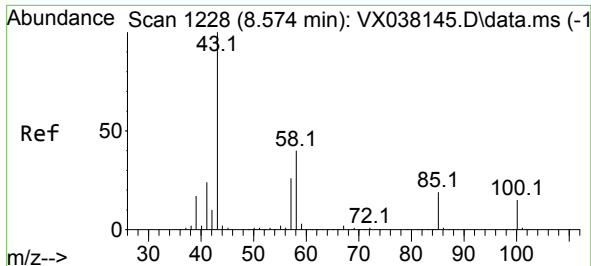
Tgt Ion: 63 Resp: 1120
Ion Ratio Lower Upper
63 100
65 35.2 25.9 38.9
106 14.7 21.8 32.8#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038149.D
Acq: 07 Oct 2023 00:38

Tgt Ion: 117 Resp: 111046
Ion Ratio Lower Upper
117 100
82 56.5 44.7 67.1
119 31.8 25.6 38.4

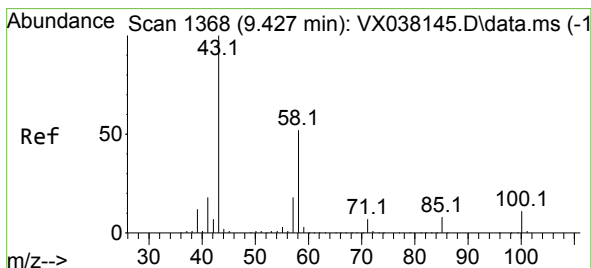
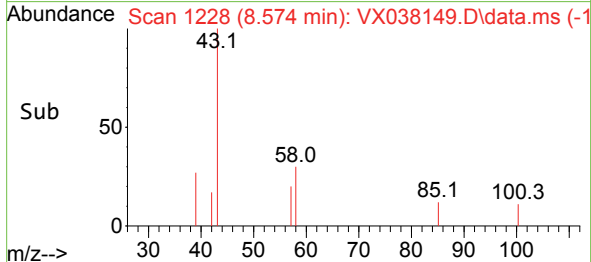
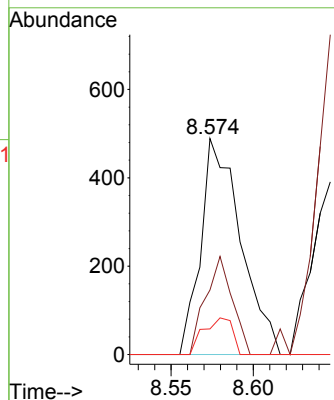
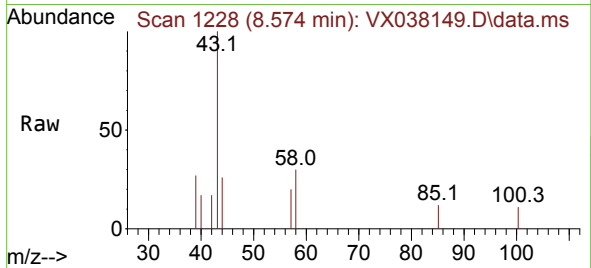




#58
4-Methyl-2-Pentanone
Concen: 0.297 ug/l
RT: 8.574 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038149.D
Acq: 07 Oct 2023 00:38

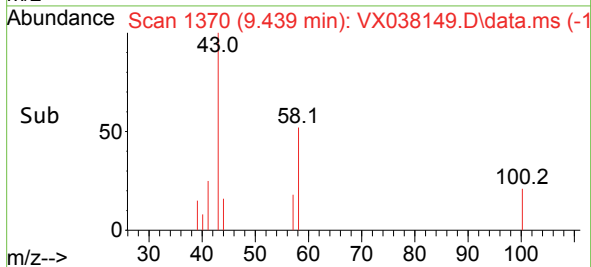
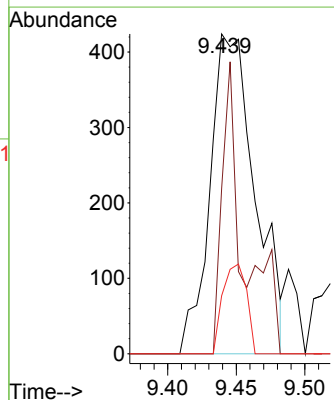
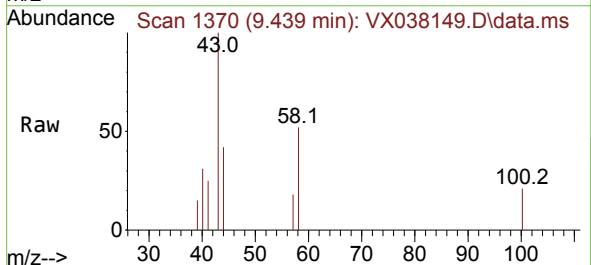
Instrument :
MSVOA_X
ClientSampleId :
IBLK

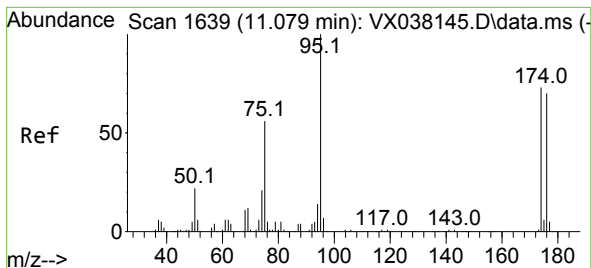
Tgt Ion: 43 Resp: 825
Ion Ratio Lower Upper
43 100
58 30.4 30.9 46.3#
85 12.2 14.4 21.6#



#59
2-Hexanone
Concen: 0.435 ug/l
RT: 9.439 min Scan# 1370
Delta R.T. 0.012 min
Lab File: VX038149.D
Acq: 07 Oct 2023 00:38

Tgt Ion: 43 Resp: 973
Ion Ratio Lower Upper
43 100
58 30.2 43.4 65.2#
57 14.8 15.1 22.7#

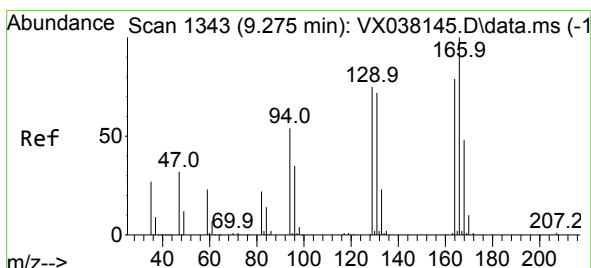
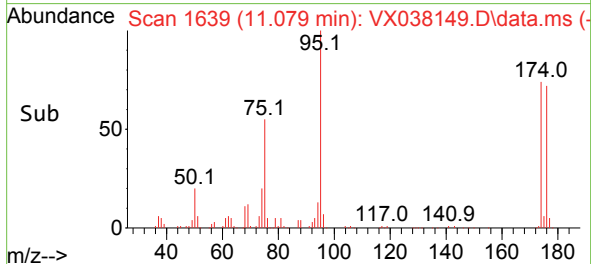
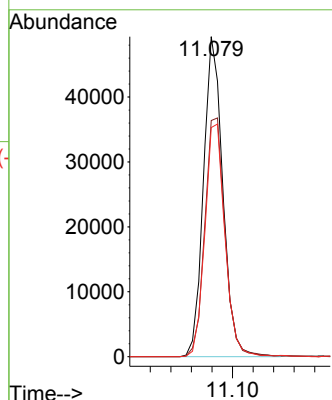
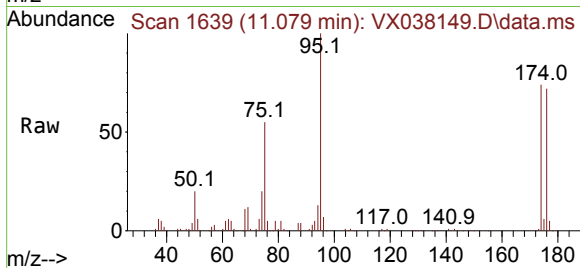




#60
4-Bromofluorobenzene
Concen: 27.909 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038149.D
Acq: 07 Oct 2023 00:38

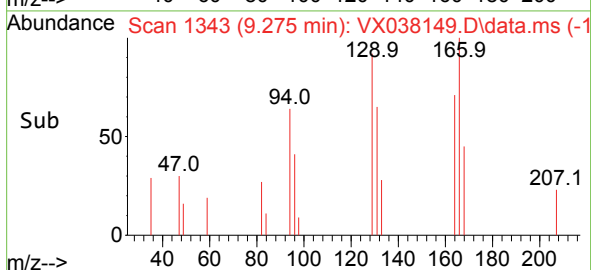
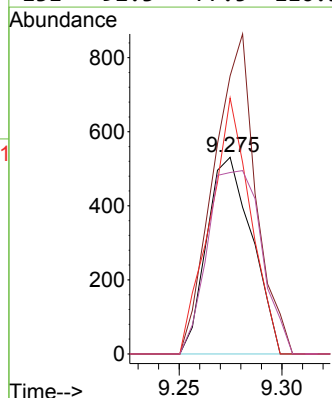
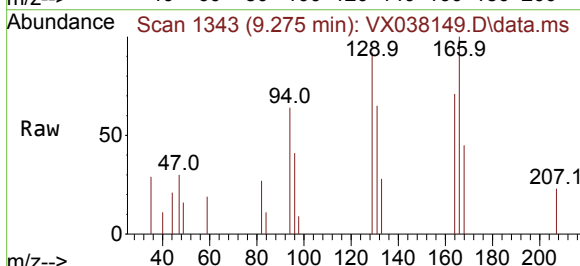
Instrument :
MSVOA_X
ClientSampleId :
IBLK

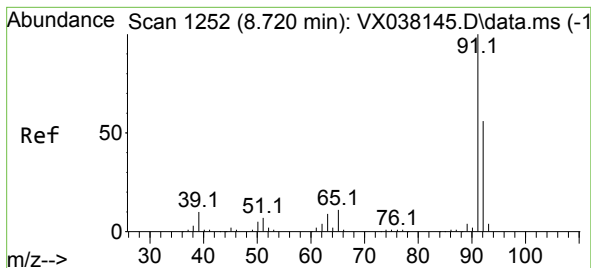
Tgt Ion: 95 Resp: 64561
Ion Ratio Lower Upper
95 100
174 78.1 60.5 90.7
176 75.4 58.2 87.4



#61
Tetrachloroethene
Concen: 0.534 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX038149.D
Acq: 07 Oct 2023 00:38

Tgt Ion: 164 Resp: 811
Ion Ratio Lower Upper
164 100
166 141.4 104.5 156.7
129 130.1 78.0 117.0#
131 92.3 77.5 116.3





#62

Toluene

Concen: 0.310 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX038149.D

Acq: 07 Oct 2023 00:38

Instrument :

MSVOA_X

ClientSampleId :

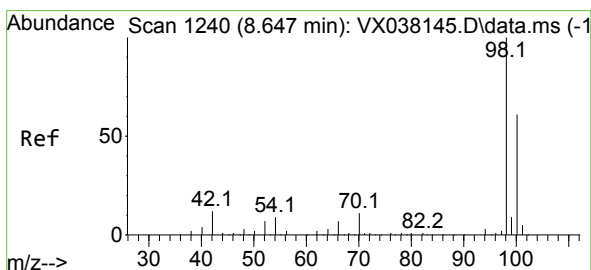
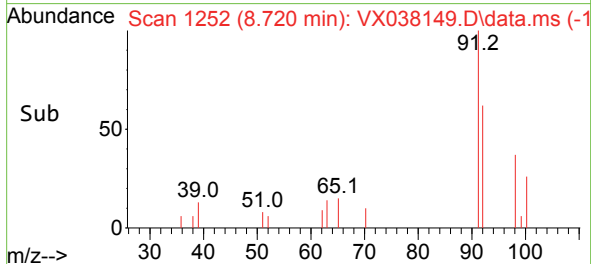
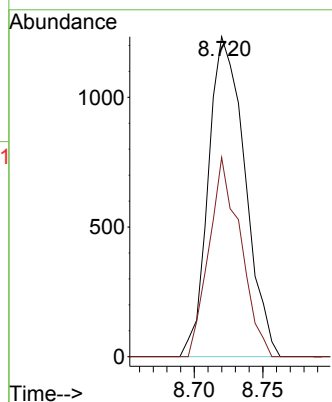
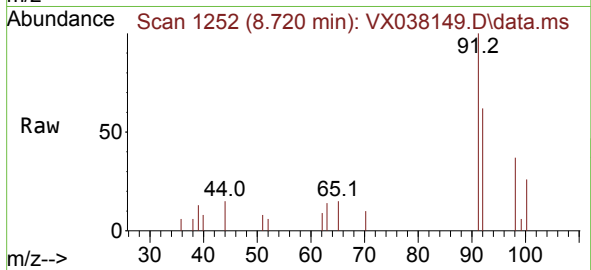
IBLK

Tgt Ion: 91 Resp: 2292

Ion Ratio Lower Upper

91 100

92 53.7 44.9 67.3



#63

Toluene-d8

Concen: 30.318 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX038149.D

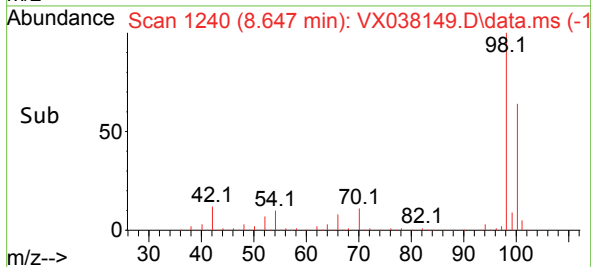
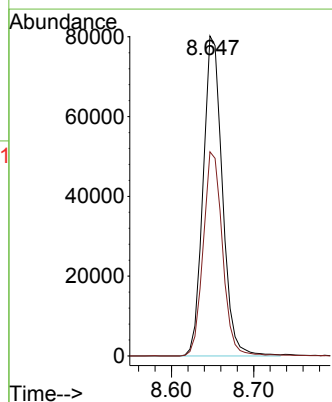
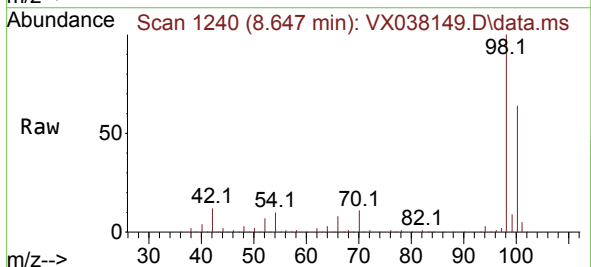
Acq: 07 Oct 2023 00:38

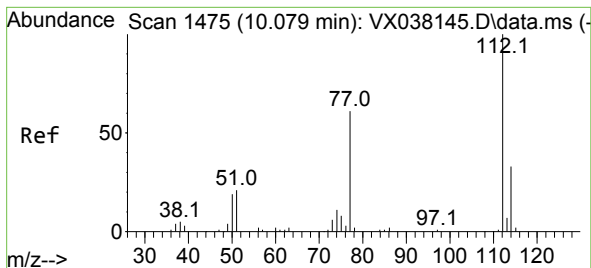
Tgt Ion: 98 Resp: 130371

Ion Ratio Lower Upper

98 100

100 63.7 51.6 77.4





#64

Chlorobenzene

Concen: 0.420 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX038149.D

Acq: 07 Oct 2023 00:38

Instrument :

MSVOA_X

ClientSampleId :

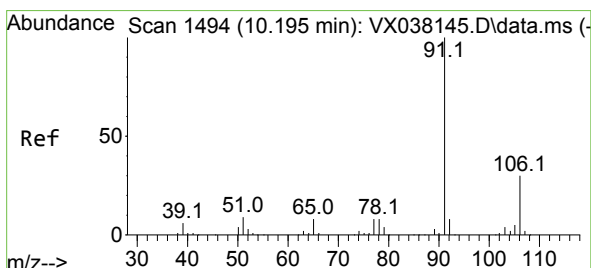
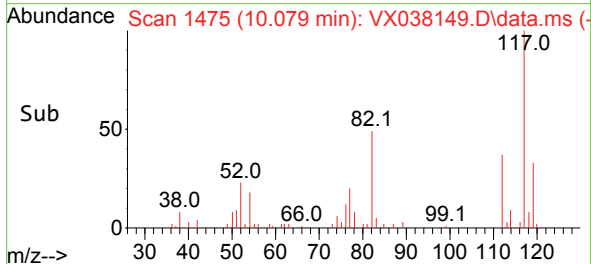
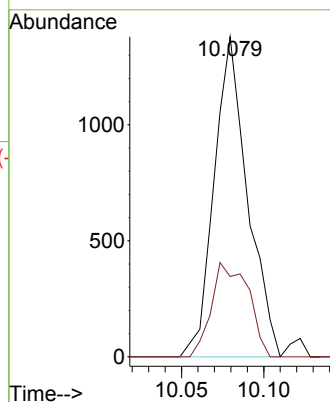
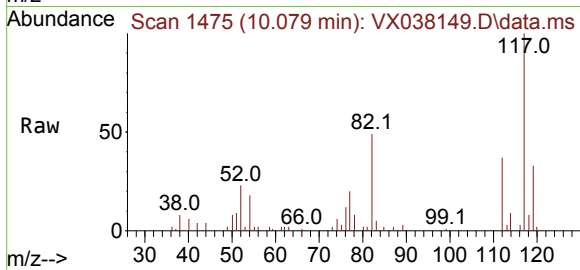
IBLK

Tgt Ion:112 Resp: 1945

Ion Ratio Lower Upper

112 100

114 25.1 25.8 38.6#



#66

Ethyl Benzene

Concen: 0.207 ug/l

RT: 10.646 min Scan# 1568

Delta R.T. 0.451 min

Lab File: VX038149.D

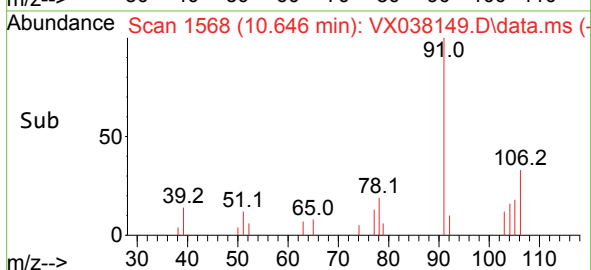
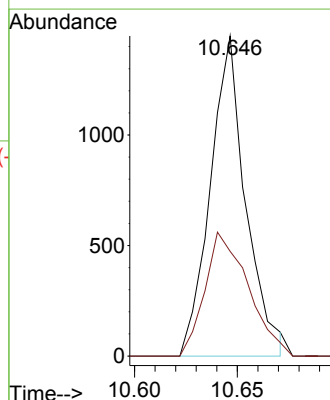
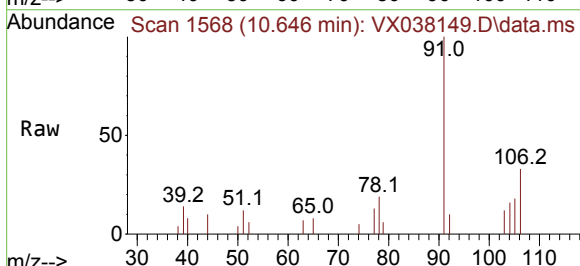
Acq: 07 Oct 2023 00:38

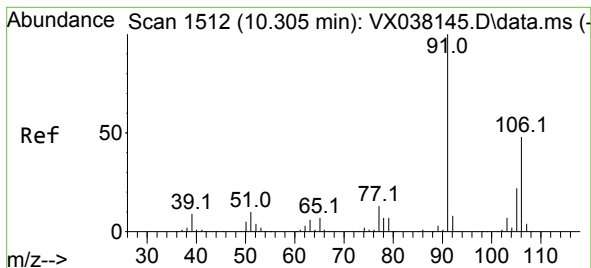
Tgt Ion: 91 Resp: 1733

Ion Ratio Lower Upper

91 100

106 32.7 24.2 36.4

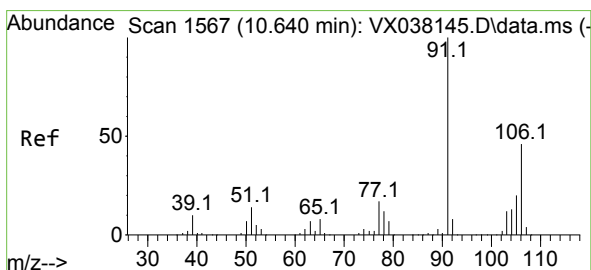
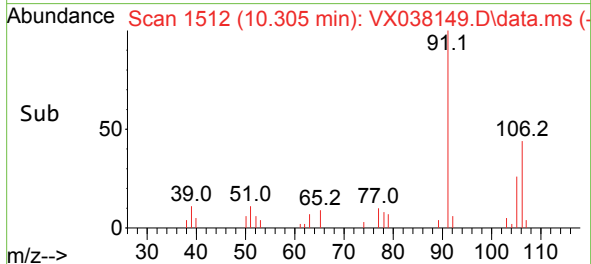
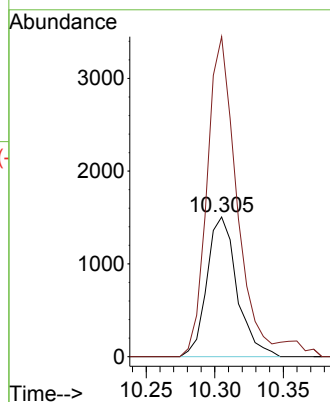
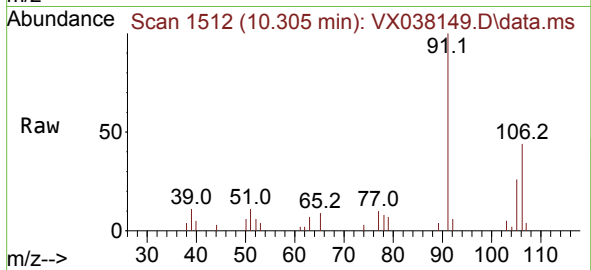




#67
m/p-Xylenes
Concen: 0.707 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX038149.D
Acq: 07 Oct 2023 00:38

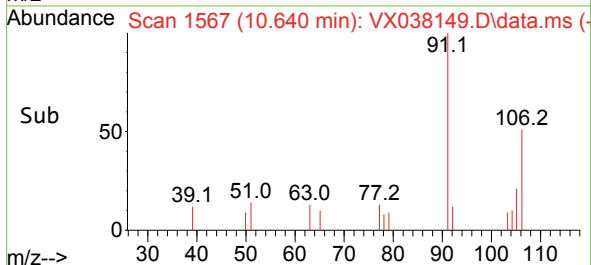
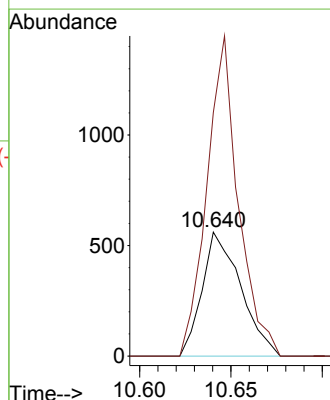
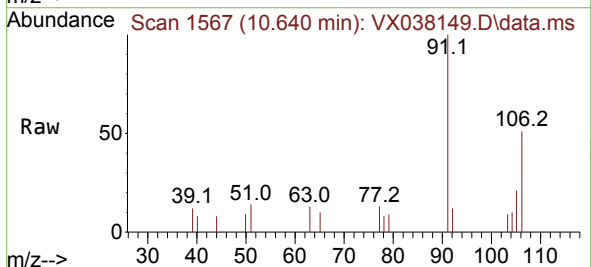
Instrument :
MSVOA_X
ClientSampleId :
IBLK

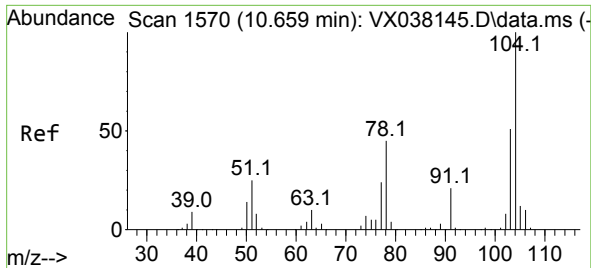
Tgt Ion:106 Resp: 2300
Ion Ratio Lower Upper
106 100
91 223.9 160.5 240.7



#68
o-Xylene
Concen: 0.260 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX038149.D
Acq: 07 Oct 2023 00:38

Tgt Ion:106 Resp: 822
Ion Ratio Lower Upper
106 100
91 210.8 105.4 316.1

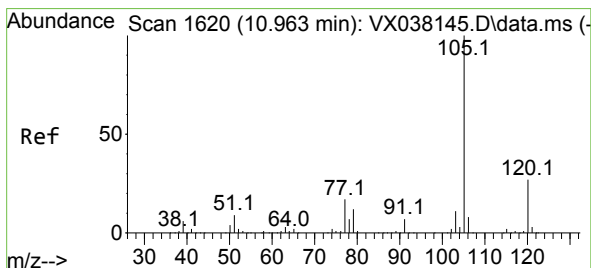
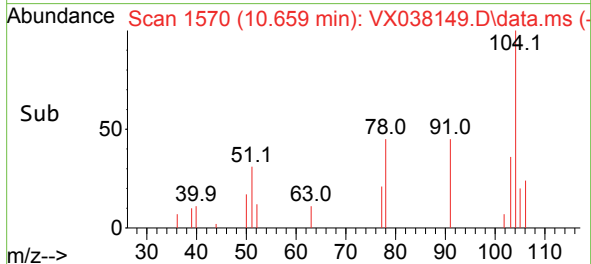
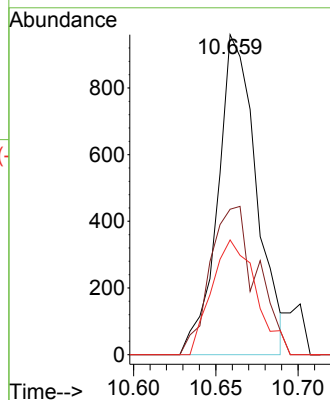
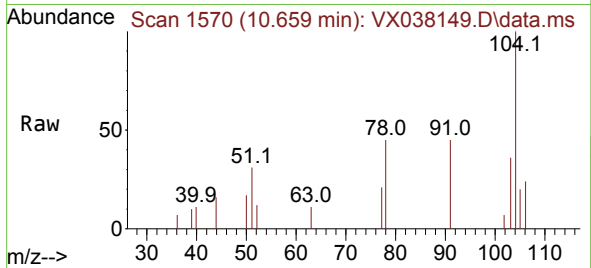




#69
Styrene
Concen: 0.299 ug/l
RT: 10.659 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038149.D
Acq: 07 Oct 2023 00:38

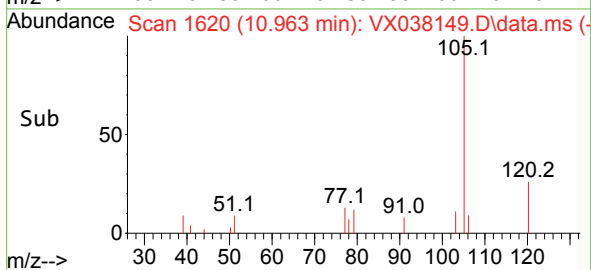
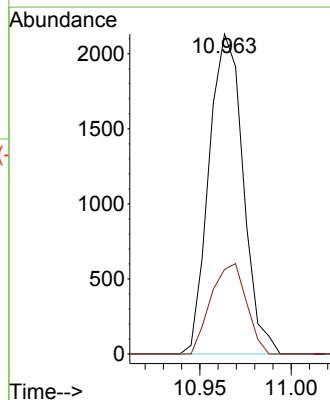
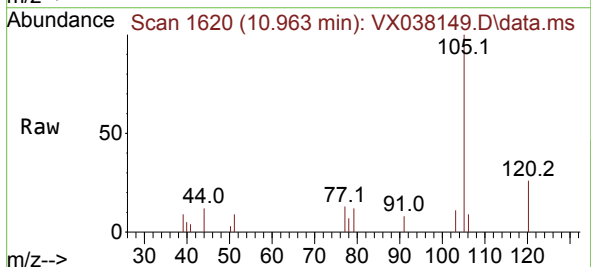
Instrument :
MSVOA_X
ClientSampleId :
IBLK

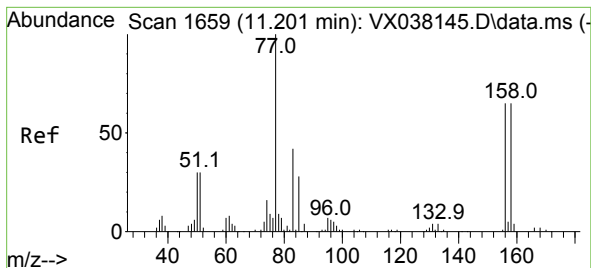
Tgt Ion:104 Resp: 1567
Ion Ratio Lower Upper
104 100
78 44.0 41.0 61.4
103 41.2 45.5 68.3#



#70
Isopropylbenzene
Concen: 0.333 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX038149.D
Acq: 07 Oct 2023 00:38

Tgt Ion:105 Resp: 2772
Ion Ratio Lower Upper
105 100
120 29.2 19.5 36.3





#73

Bromobenzene

Concen: 0.347 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX038149.D

Acq: 07 Oct 2023 00:38

Instrument :

MSVOA_X

ClientSampleId :

IBLK

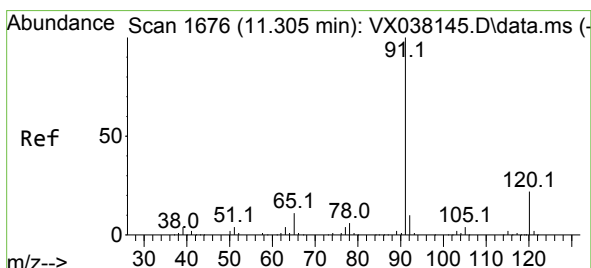
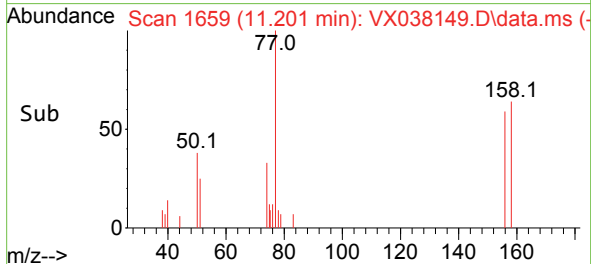
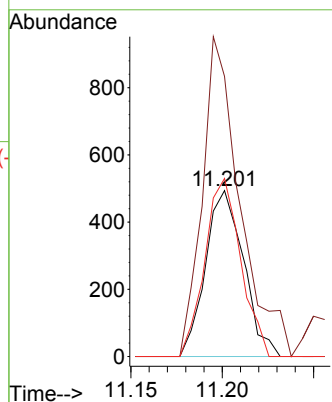
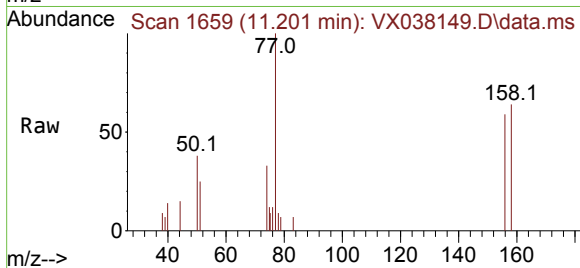
Tgt Ion:156 Resp: 716

Ion Ratio Lower Upper

156 100

77 183.4 0.0 333.0

158 101.3 0.0 196.4



#74

n-propylbenzene

Concen: 0.435 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX038149.D

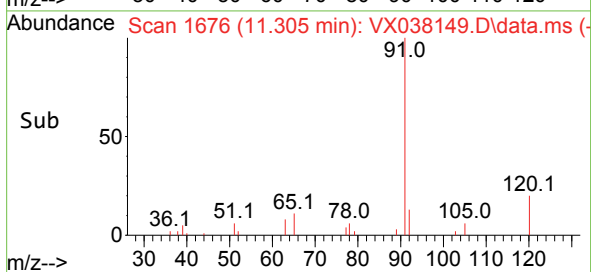
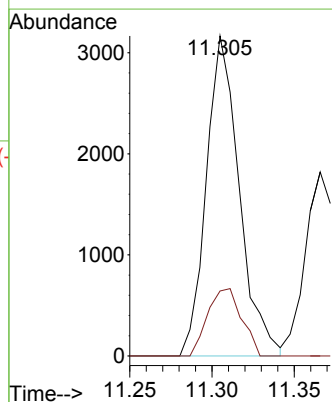
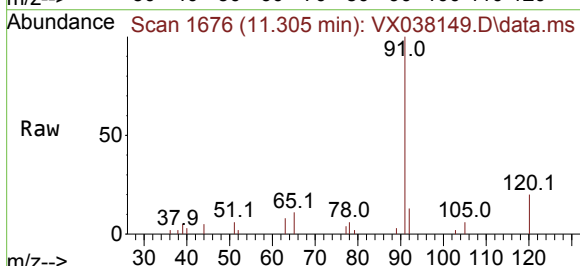
Acq: 07 Oct 2023 00:38

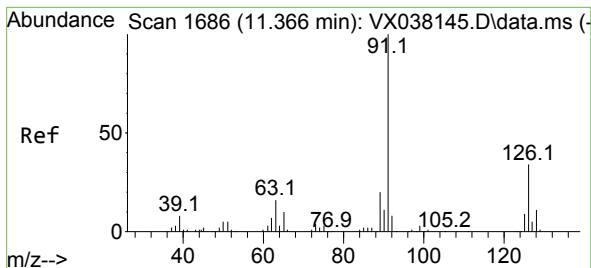
Tgt Ion: 91 Resp: 4402

Ion Ratio Lower Upper

91 100

120 21.7 0.0 46.6

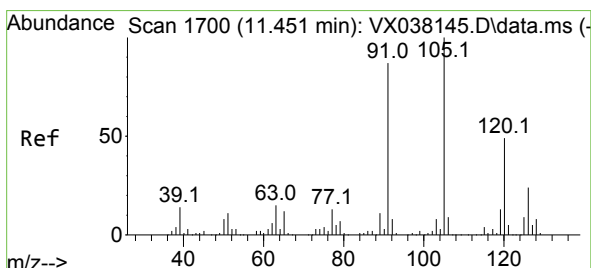
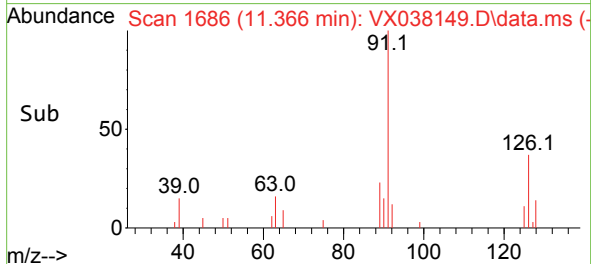
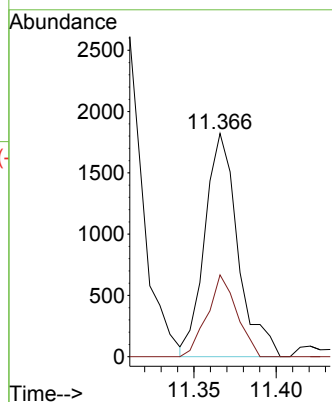
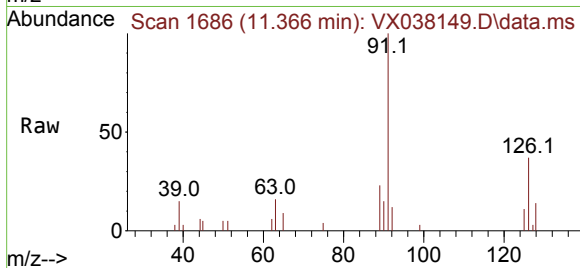




#75
2-Chlorotoluene
Concen: 0.428 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX038149.D
Acq: 07 Oct 2023 00:38

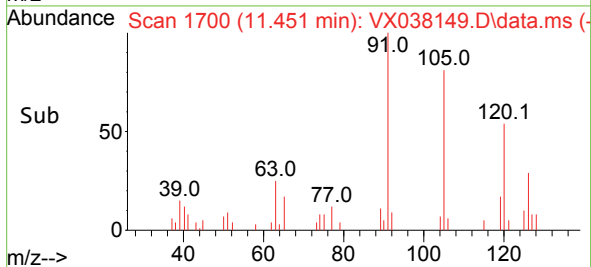
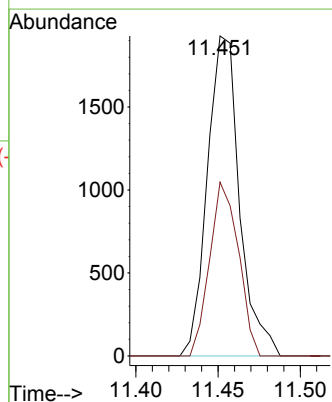
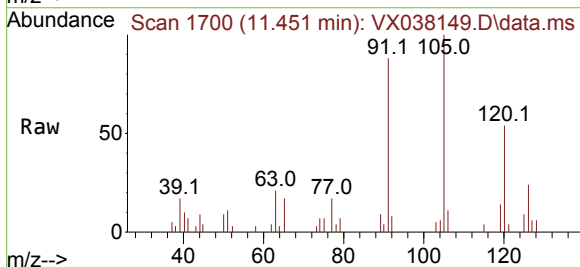
Instrument :
MSVOA_X
ClientSampleId :
IBLK

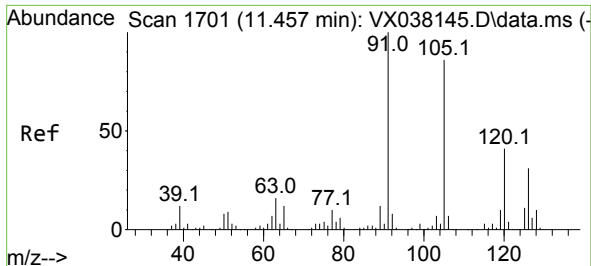
Tgt Ion: 91 Resp: 2548
Ion Ratio Lower Upper
91 100
126 32.6 0.0 66.2



#76
1,3,5-Trimethylbenzene
Concen: 0.361 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038149.D
Acq: 07 Oct 2023 00:38

Tgt Ion: 105 Resp: 2624
Ion Ratio Lower Upper
105 100
120 48.6 0.0 96.4

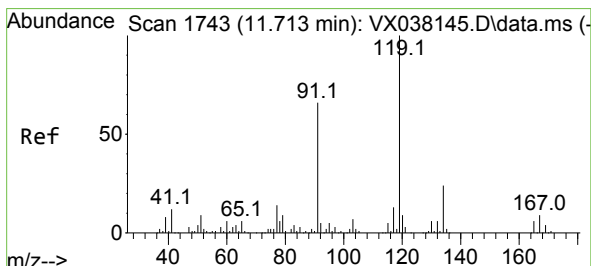
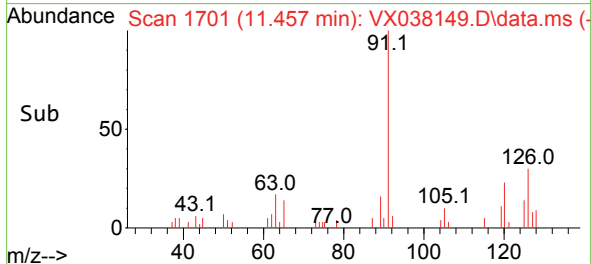
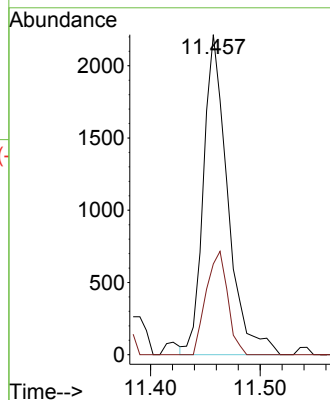
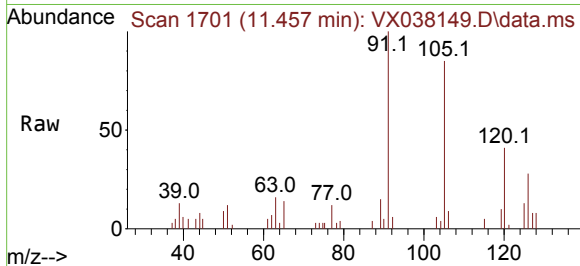




#78
4-Chlorotoluene
Concen: 0.483 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX038149.D
Acq: 07 Oct 2023 00:38

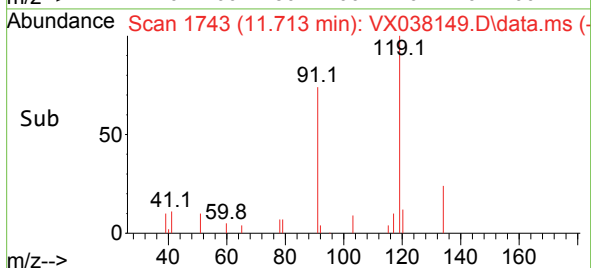
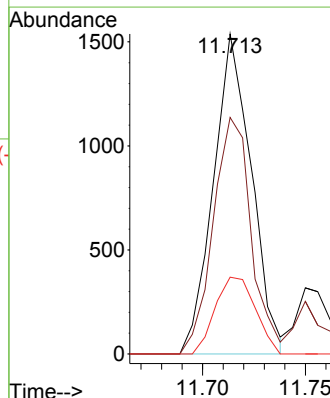
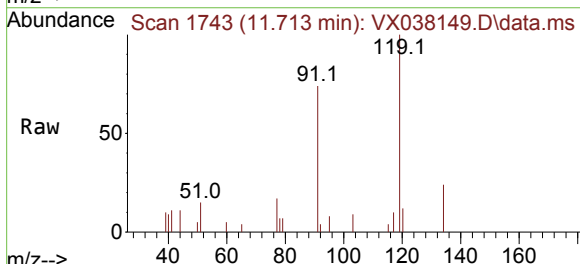
Instrument :
MSVOA_X
ClientSampleId :
IBLK

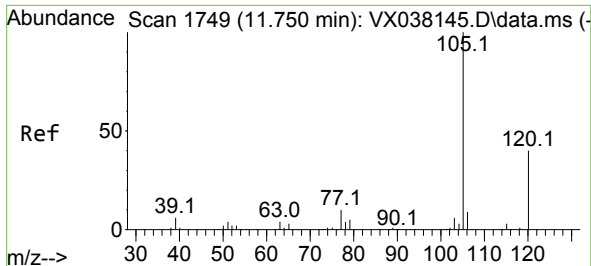
Tgt Ion: 91 Resp: 3416
Ion Ratio Lower Upper
91 100
126 28.5 0.0 59.4



#79
tert-butylbenzene
Concen: 0.286 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX038149.D
Acq: 07 Oct 2023 00:38

Tgt Ion: 119 Resp: 1980
Ion Ratio Lower Upper
119 100
91 73.8 0.0 124.4
134 25.4 0.0 47.2

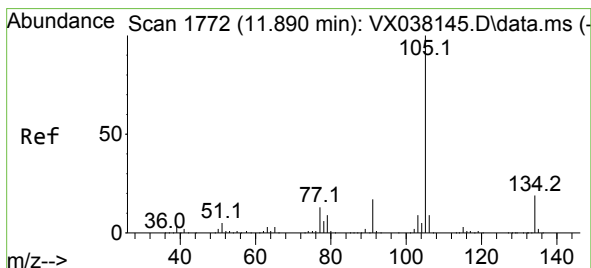
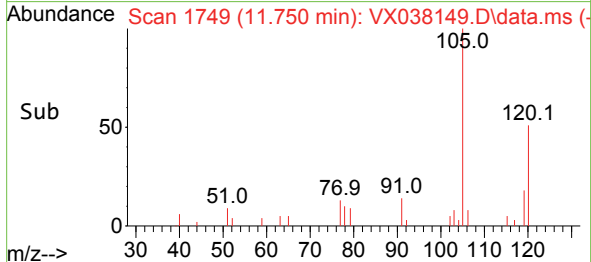
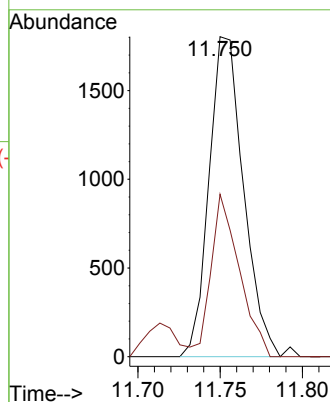
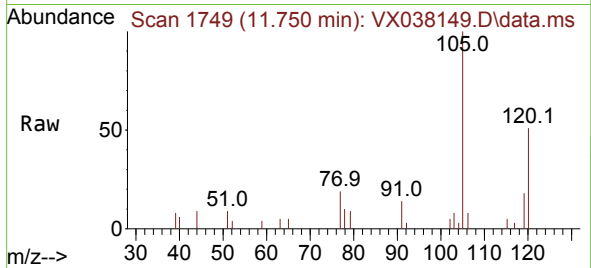




#80
1,2,4-Trimethylbenzene
Concen: 0.370 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX038149.D
Acq: 07 Oct 2023 00:38

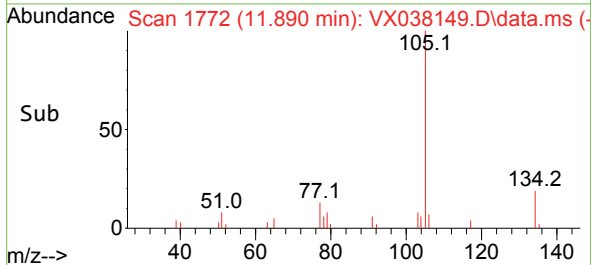
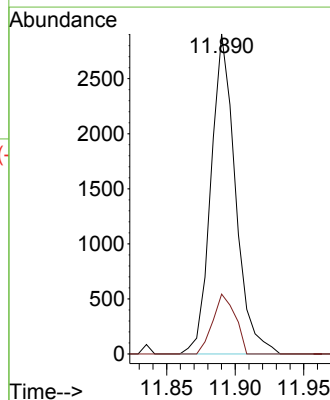
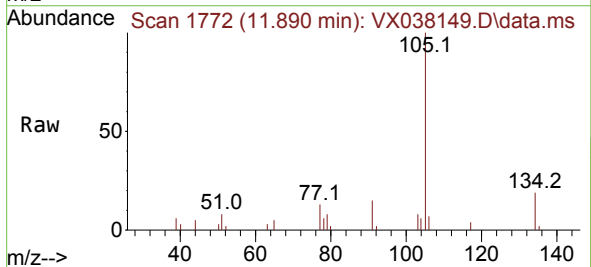
Instrument :
MSVOA_X
ClientSampleId :
IBLK

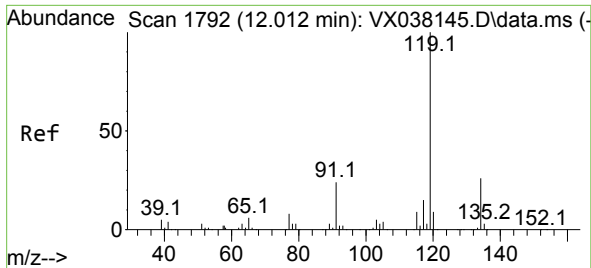
Tgt Ion:105 Resp: 2630
Ion Ratio Lower Upper
105 100
120 41.7 0.0 90.2



#81
sec-Butylbenzene
Concen: 0.399 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX038149.D
Acq: 07 Oct 2023 00:38

Tgt Ion:105 Resp: 3612
Ion Ratio Lower Upper
105 100
134 17.2 0.0 41.2

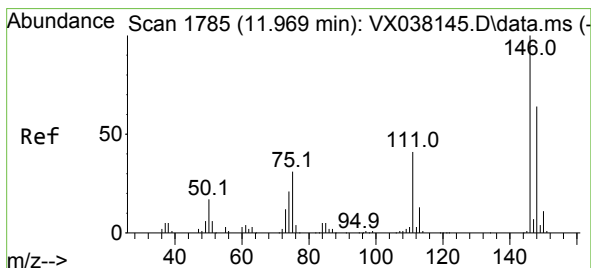
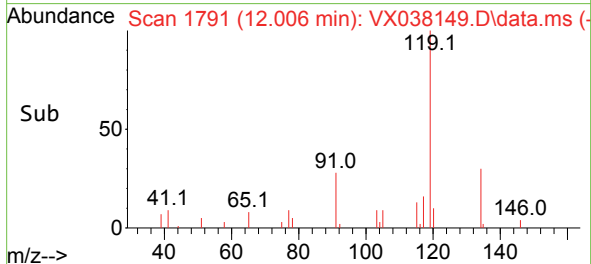
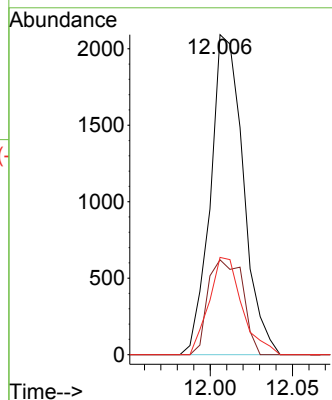
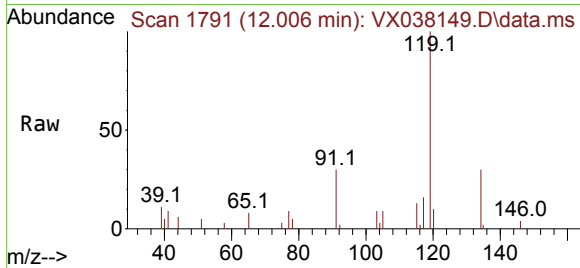




#82
 p-Isopropyltoluene
 Concen: 0.388 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.006 min
 Lab File: VX038149.D
 Acq: 07 Oct 2023 00:38

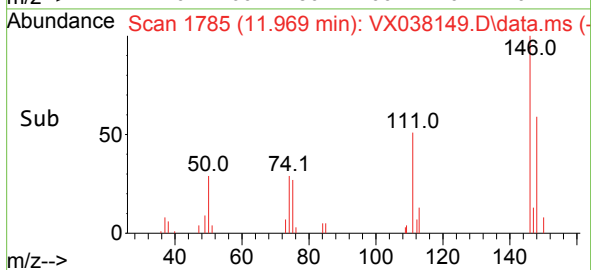
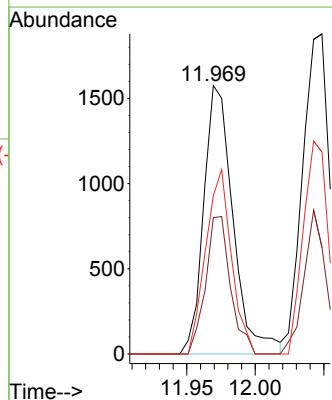
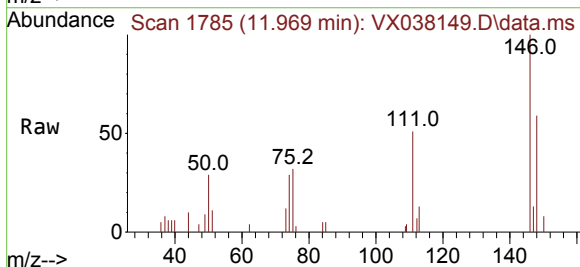
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

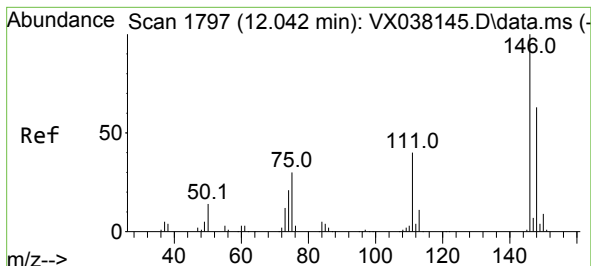
Tgt Ion:	119	Resp:	2903
Ion	Ratio	Lower	Upper
119	100		
134	31.2	0.0	53.2
91	30.6	0.0	49.4



#83
 1,3-Dichlorobenzene
 Concen: 0.585 ug/l
 RT: 11.969 min Scan# 1785
 Delta R.T. 0.000 min
 Lab File: VX038149.D
 Acq: 07 Oct 2023 00:38

Tgt Ion:	146	Resp:	2351
Ion	Ratio	Lower	Upper
146	100		
111	43.4	20.4	61.2
148	60.0	31.6	94.8





#84

1,4-Dichlorobenzene

Concen: 0.661 ug/l

RT: 12.049 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX038149.D

Acq: 07 Oct 2023 00:38

Instrument :

MSVOA_X

ClientSampleId :

IBLK

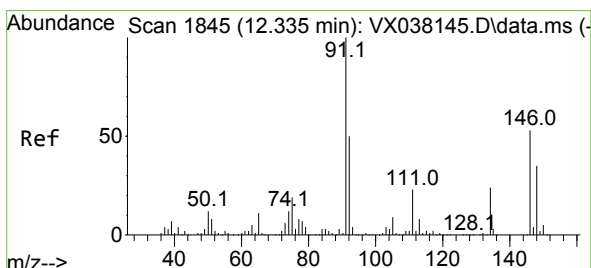
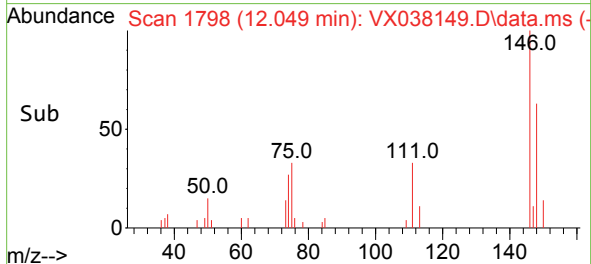
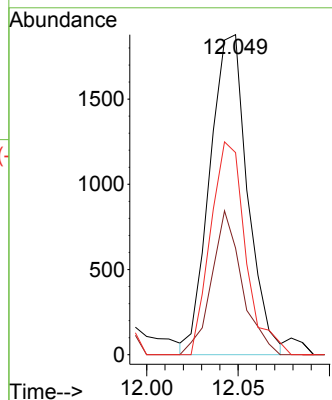
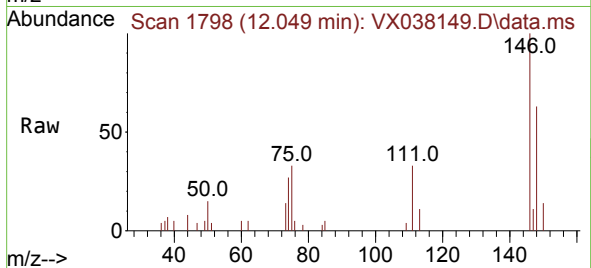
Tgt Ion:146 Resp: 2706

Ion Ratio Lower Upper

146 100

111 36.4 20.2 60.6

148 61.6 32.1 96.3



#85

n-Butylbenzene

Concen: 0.540 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX038149.D

Acq: 07 Oct 2023 00:38

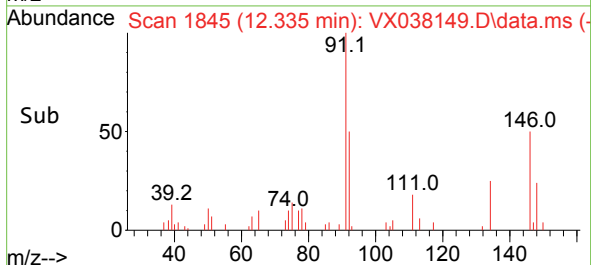
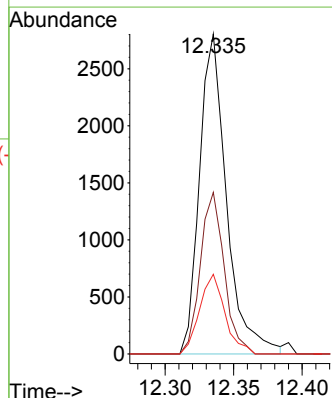
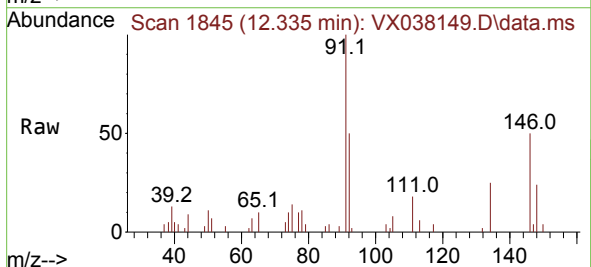
Tgt Ion: 91 Resp: 3852

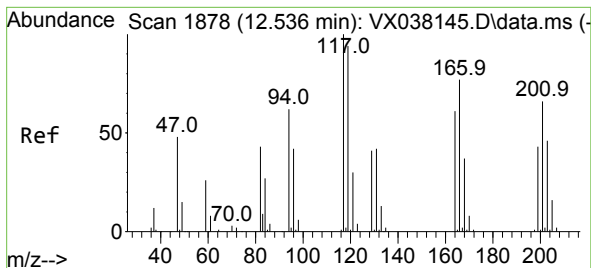
Ion Ratio Lower Upper

91 100

92 44.5 0.0 105.2

134 23.4 0.0 51.4





#86

Hexachloroethane

Concen: 0.261 ug/l

RT: 12.542 min Scan# 1879

Delta R.T. 0.006 min

Lab File: VX038149.D

Acq: 07 Oct 2023 00:38

Instrument :

MSVOA_X

ClientSampleId :

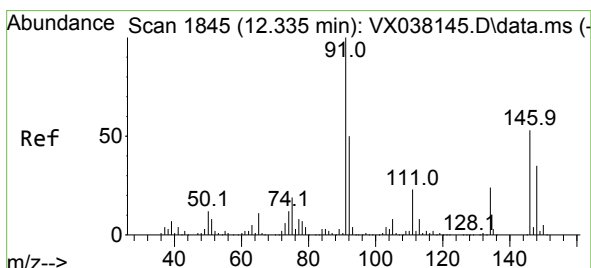
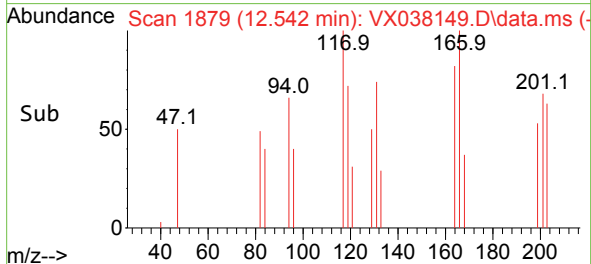
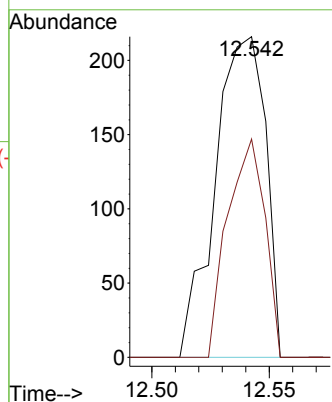
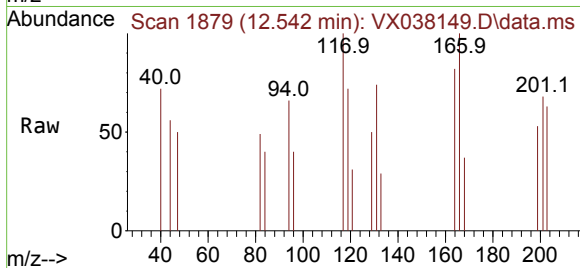
IBLK

Tgt Ion:117 Resp: 323

Ion Ratio Lower Upper

117 100

201 50.2 36.0 108.0



#87

1,2-Dichlorobenzene

Concen: 0.444 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX038149.D

Acq: 07 Oct 2023 00:38

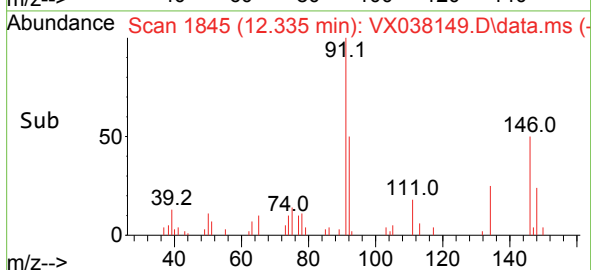
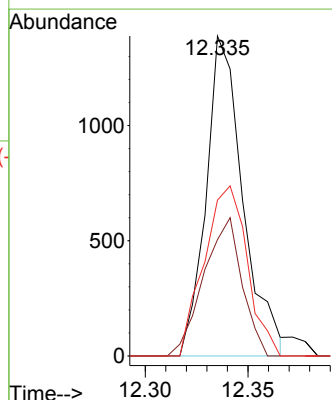
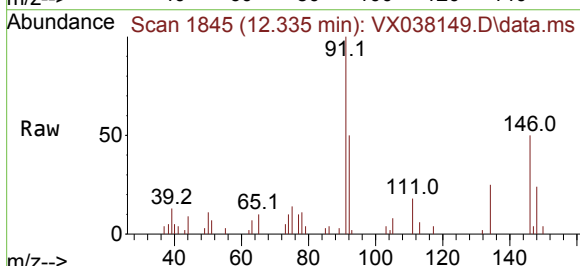
Tgt Ion:146 Resp: 1730

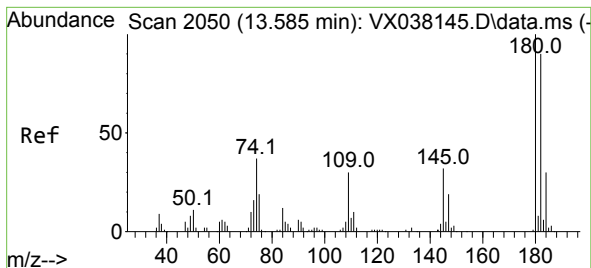
Ion Ratio Lower Upper

146 100

111 44.9 21.4 64.3

148 62.1 33.2 99.6





#89

1,2,4-Trichlorobenzene

Concen: 1.049 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX038149.D

Acq: 07 Oct 2023 00:38

Instrument :

MSVOA_X

ClientSampleId :

IBLK

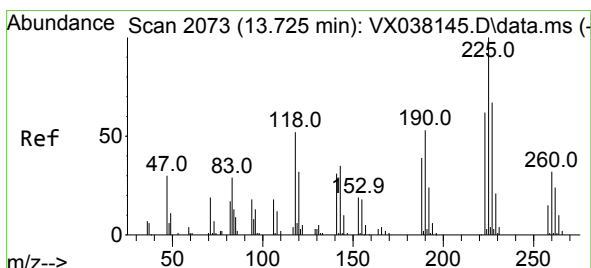
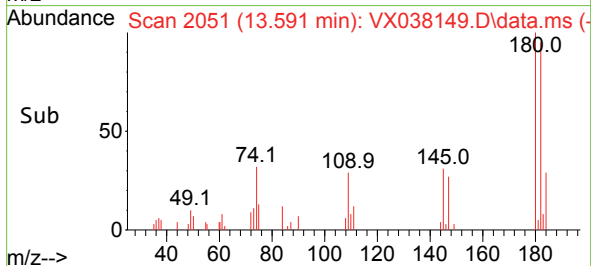
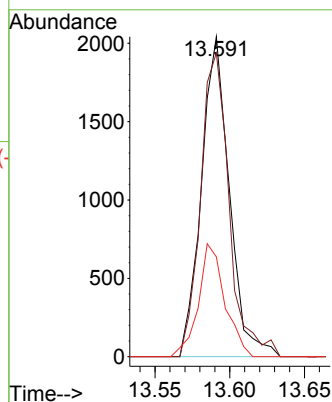
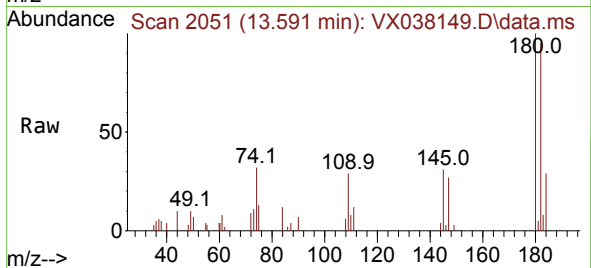
Tgt Ion:180 Resp: 2654

Ion Ratio Lower Upper

180 100

182 96.8 75.6 113.4

145 33.4 25.4 38.2



#90

Hexachlorobutadiene

Concen: 1.507 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX038149.D

Acq: 07 Oct 2023 00:38

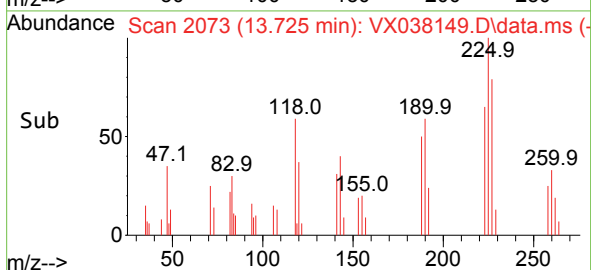
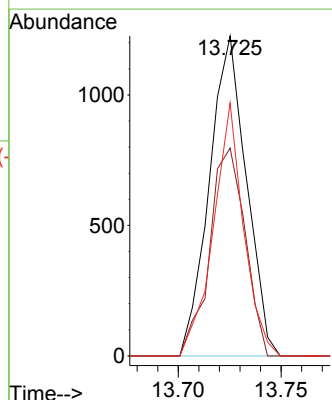
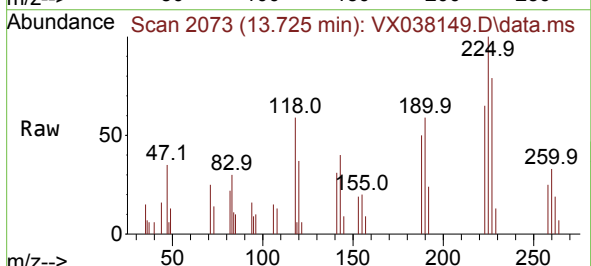
Tgt Ion:225 Resp: 1534

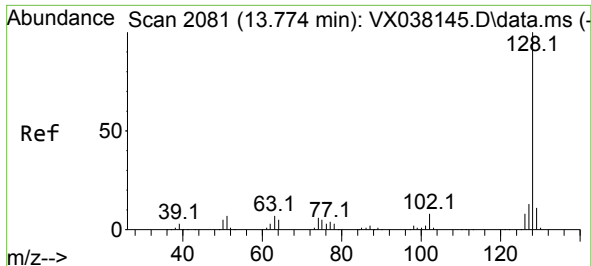
Ion Ratio Lower Upper

225 100

223 62.4 0.0 124.2

227 64.7 0.0 120.4

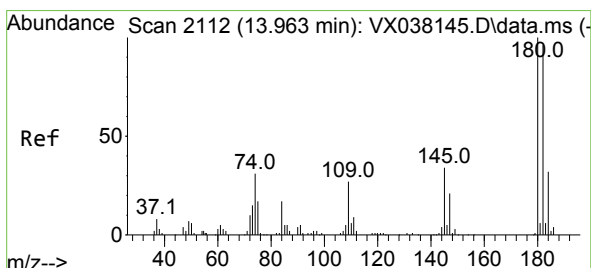
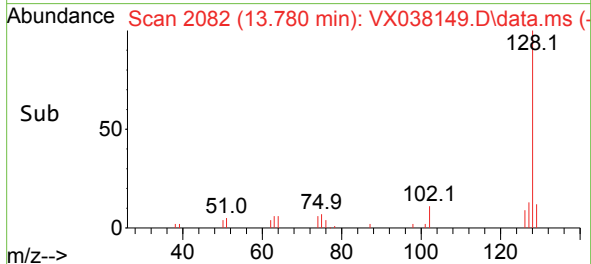
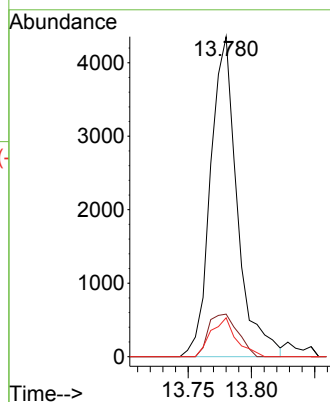
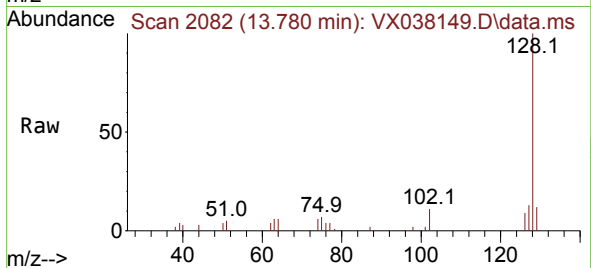




#91
Naphthalene
Concen: 0.737 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX038149.D
Acq: 07 Oct 2023 00:38

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:128	Resp:	6392	
Ion	Ratio	Lower	Upper
128	100		
127	14.6	10.3	15.5
129	11.5	8.7	13.1



#92
1,2,3-Trichlorobenzene
Concen: 1.069 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX038149.D
Acq: 07 Oct 2023 00:38

Tgt Ion:180	Resp:	2648	
Ion	Ratio	Lower	Upper
180	100		
182	89.7	0.0	190.6
145	31.2	0.0	66.8

