

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110723\
 Data File : VX038638.D
 Acq On : 07 Nov 2023 17:38
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Nov 08 03:21:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 08 03:19:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	272071	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	438514	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	437330	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	243009	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	149933	44.265	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.520%
35) Dibromofluoromethane	5.385	113	141741	44.879	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.760%
50) Toluene-d8	8.646	98	514795	45.550	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.100%#
62) 4-Bromofluorobenzene	11.079	95	213509	48.726	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.460%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	1182	0.418	ug/l	99
3) Chloromethane	1.300	50	681	0.279	ug/l	99
4) Vinyl Chloride	1.373	62	807	0.310	ug/l	97
5) Bromomethane	1.611	94	667	0.332	ug/l	# 57
6) Chloroethane	1.696	64	410	0.249	ug/l	# 58
7) Trichlorofluoromethane	1.892	101	1613	0.360	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.330	101	1140	0.430	ug/l	# 83
10) Methyl Iodide	2.459	142	769	0.235	ug/l	# 86
11) Tert butyl alcohol	2.946	59	1140	1.646	ug/l	# 78
12) 1,1-Dichloroethene	2.318	96	969	0.382	ug/l	92
13) Acrolein	2.239	56	632	1.204	ug/l	# 70
14) Allyl chloride	2.666	41	929	0.255	ug/l	# 83
15) Acrylonitrile	3.068	53	2179	1.491	ug/l	# 93
16) Acetone	2.379	43	1357	0.951	ug/l	# 89
17) Carbon Disulfide	2.513	76	12085	1.791	ug/l	98
20) Methylene Chloride	2.794	84	1376	0.478	ug/l	# 75
21) trans-1,2-Dichloroethene	3.099	96	2004	0.725	ug/l	# 70
23) Vinyl Acetate	3.739	43	1497	0.308	ug/l	95
25) 2-Butanone	4.580	43	781	0.378	ug/l	# 86
27) cis-1,2-Dichloroethene	4.507	96	1060	0.332	ug/l	42
28) Bromochloromethane	4.903	49	464	0.228	ug/l	# 54
29) Tetrahydrofuran	5.025	42	374	0.291	ug/l	# 61
30) Chloroform	5.098	83	2845	0.535	ug/l	93
31) Cyclohexane	5.464	56	1177	0.314	ug/l	# 69
36) 1,1-Dichloropropene	5.696	75	2256	0.575	ug/l	96
38) Carbon Tetrachloride	5.684	117	1315	0.300	ug/l	# 80
39) Methylcyclohexane	7.384	83	1659	0.338	ug/l	# 80
44) Trichloroethene	7.128	130	1776	0.505	ug/l	95
46) Dibromomethane	7.592	93	599	0.262	ug/l	# 77
47) Bromodichloromethane	7.817	83	1289	0.300	ug/l	# 82
49) 1,4-Dioxane	7.677	88	221	3.271	ug/l	# 26
51) 4-Methyl-2-Pentanone	8.573	43	1053	0.262	ug/l	95
52) Toluene	8.713	92	1905	0.257	ug/l	82
53) t-1,3-Dichloropropene	8.982	75	1227	0.281	ug/l	# 82
54) cis-1,3-Dichloropropene	8.372	75	950	0.206	ug/l	# 69
58) 2-Chloroethyl Vinyl ether	8.262	63	937	0.434	ug/l	92

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110723\
 Data File : VX038638.D
 Acq On : 07 Nov 2023 17:38
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

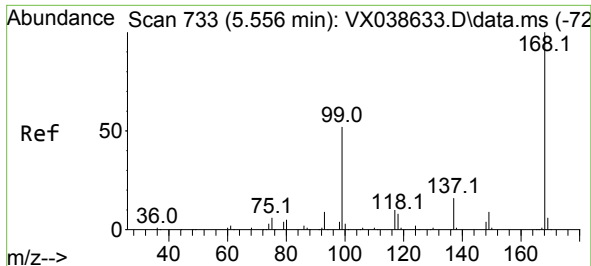
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Nov 08 03:21:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 08 03:19:07 2023
 Response via : Initial Calibration

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

59) 2-Hexanone	9.439	43	1231	0.379	ug/l	86
61) 1,2-Dibromoethane	9.616	107	742	0.210	ug/l	90
64) Tetrachloroethene	9.274	164	1616	0.494	ug/l	86
65) Chlorobenzene	10.079	112	3378	0.379	ug/l	97
67) Ethyl Benzene	10.195	91	4750	0.315	ug/l #	86
68) m/p-Xylenes	10.305	106	3698	0.619	ug/l	88
69) o-Xylene	10.640	106	1386	0.238	ug/l	91
70) Styrene	10.664	104	2264	0.236	ug/l	98
73) Isopropylbenzene	10.963	105	4480	0.300	ug/l	95
76) 1,2,3-Trichloropropane	11.079	75	103229	21.449	ug/l #	38
77) Bromobenzene	11.201	156	1599	0.391	ug/l	80
78) n-propylbenzene	11.305	91	7090	0.409	ug/l	96
79) 2-Chlorotoluene	11.365	91	4357	0.419	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	4487	0.350	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.079	75	103229	65.042	ug/l #	5
82) 4-Chlorotoluene	11.457	91	6490	0.535	ug/l	94
83) tert-Butylbenzene	11.713	119	3582	0.276	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	4576	0.360	ug/l	91
85) sec-Butylbenzene	11.890	105	6104	0.376	ug/l	98
86) p-Isopropyltoluene	12.012	119	5686	0.411	ug/l	86
87) 1,3-Dichlorobenzene	11.969	146	4826	0.617	ug/l	92
88) 1,4-Dichlorobenzene	11.969	146	4826	0.600	ug/l	93
89) n-Butylbenzene	12.335	91	7772	0.632	ug/l	93
90) Hexachloroethane	12.536	117	576	0.246	ug/l	73
91) 1,2-Dichlorobenzene	12.335	146	3474	0.455	ug/l	91
92) 1,2-Dibromo-3-Chloropr...	12.951	75	266	0.205	ug/l #	62
93) 1,2,4-Trichlorobenzene	13.591	180	6394	1.170	ug/l	96
94) Hexachlorobutadiene	13.725	225	3780	1.603	ug/l	95
95) Naphthalene	13.780	128	14558	0.883	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	5857	1.087	ug/l	97

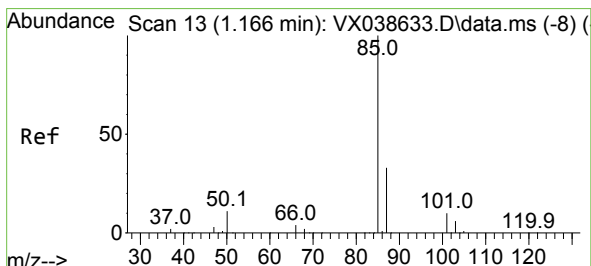
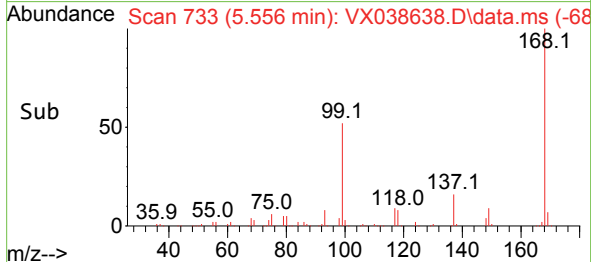
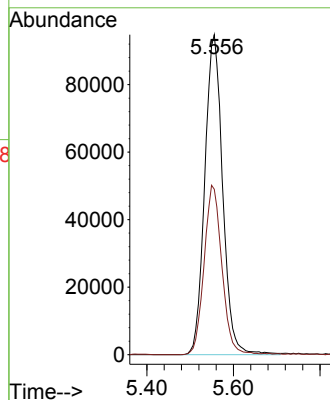
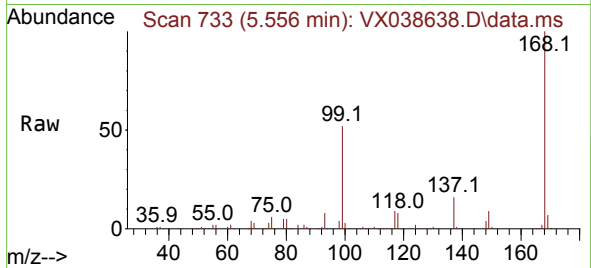
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038638.D
Acq: 07 Nov 2023 17:38

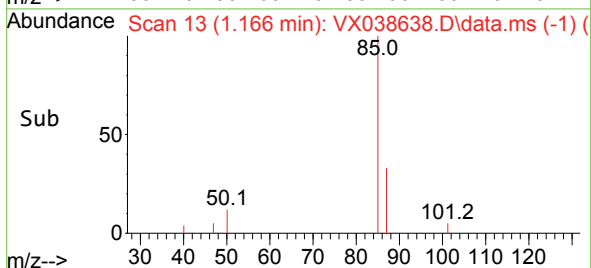
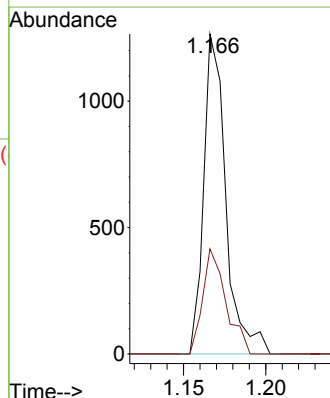
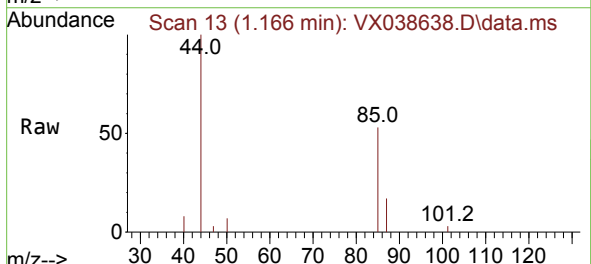
Instrument : MSVOA_X
ClientSampleId : IBLK

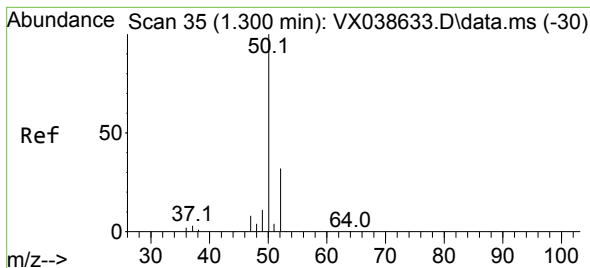
Tgt Ion:168 Resp: 272071
Ion Ratio Lower Upper
168 100
99 51.7 56.6 85.0#



#2
Dichlorodifluoromethane
Concen: 0.418 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038638.D
Acq: 07 Nov 2023 17:38

Tgt Ion: 85 Resp: 1182
Ion Ratio Lower Upper
85 100
87 32.9 16.7 50.1





#3

Chloromethane

Concen: 0.279 ug/l

RT: 1.300 min Scan# 35

Delta R.T. 0.000 min

Lab File: VX038638.D

Acq: 07 Nov 2023 17:38

Instrument :

MSVOA_X

ClientSampleId :

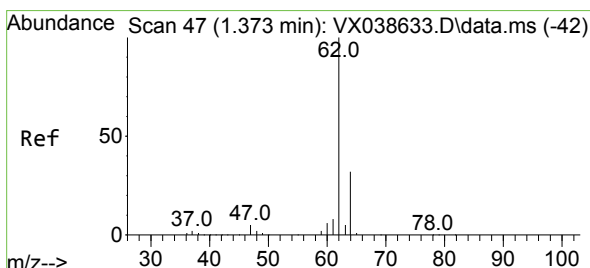
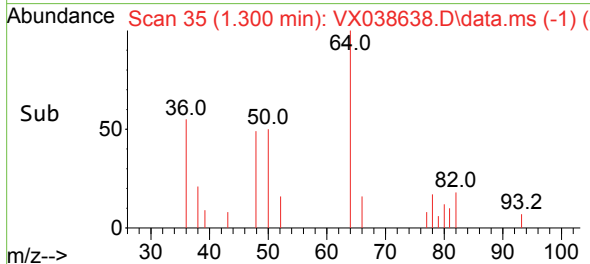
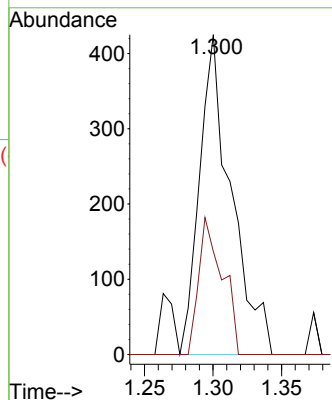
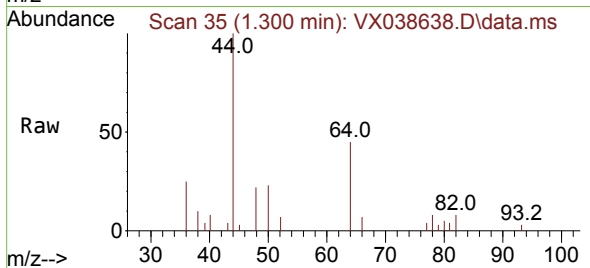
IBLK

Tgt Ion: 50 Resp: 681

Ion Ratio Lower Upper

50 100

52 32.2 25.5 38.3



#4

Vinyl Chloride

Concen: 0.310 ug/l

RT: 1.373 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX038638.D

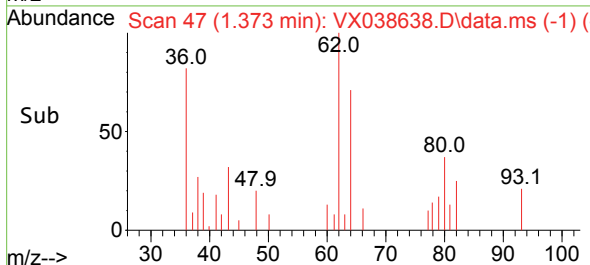
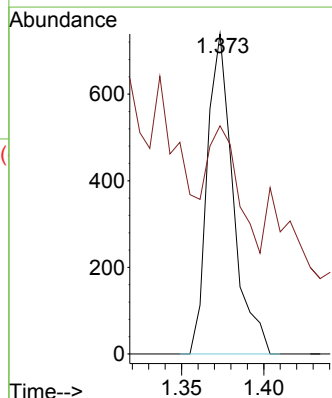
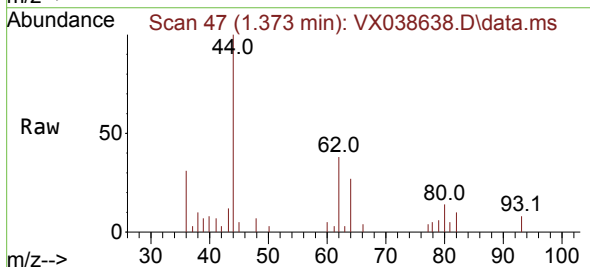
Acq: 07 Nov 2023 17:38

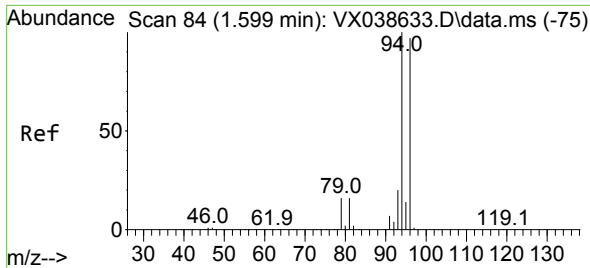
Tgt Ion: 62 Resp: 807

Ion Ratio Lower Upper

62 100

64 33.2 25.4 38.0

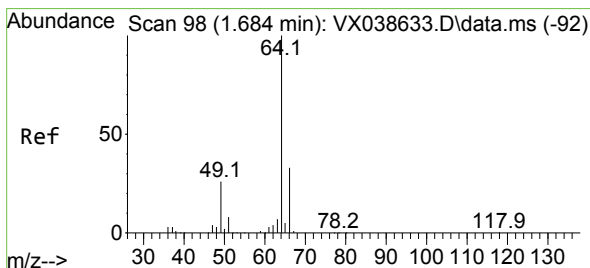
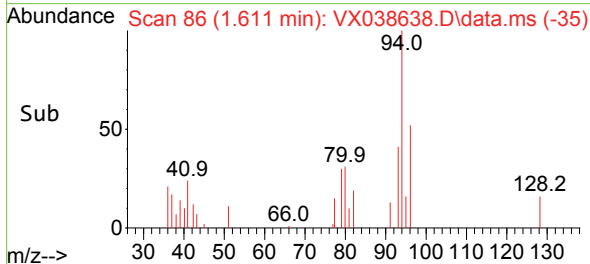
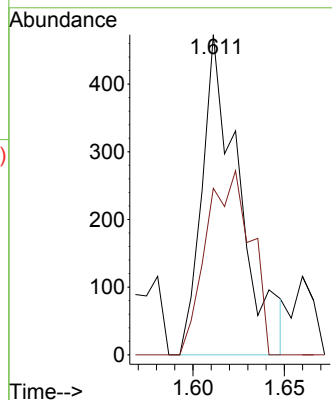
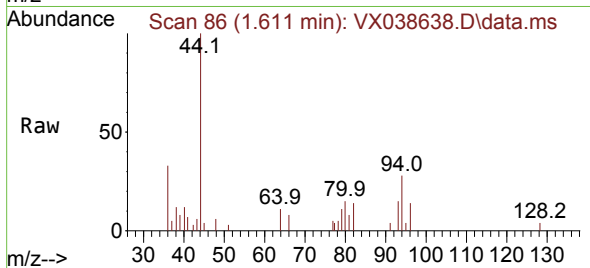




#5
Bromomethane
Concen: 0.332 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX038638.D
Acq: 07 Nov 2023 17:38

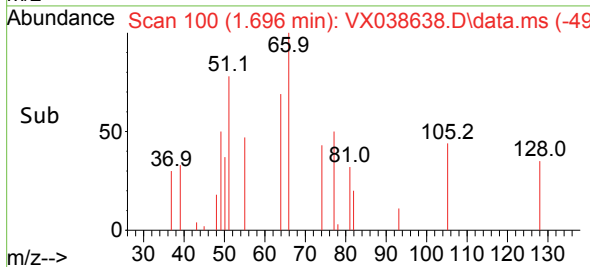
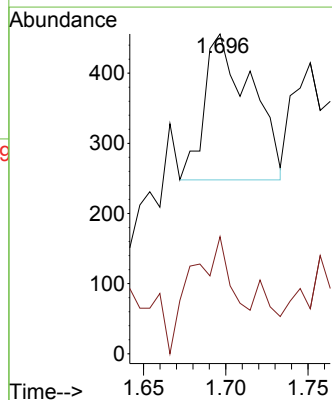
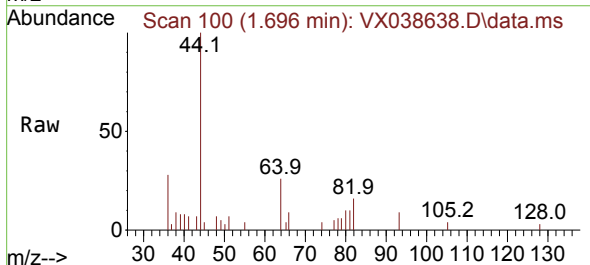
Instrument :
MSVOA_X
ClientSampleId :
IBLK

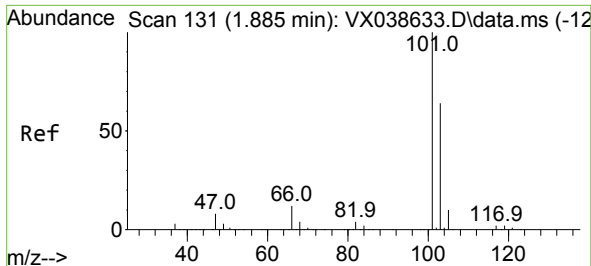
Tgt Ion: 94 Resp: 667
Ion Ratio Lower Upper
94 100
96 52.0 74.6 111.8#



#6
Chloroethane
Concen: 0.249 ug/l
RT: 1.696 min Scan# 100
Delta R.T. 0.012 min
Lab File: VX038638.D
Acq: 07 Nov 2023 17:38

Tgt Ion: 64 Resp: 410
Ion Ratio Lower Upper
64 100
66 54.8 25.1 37.7#

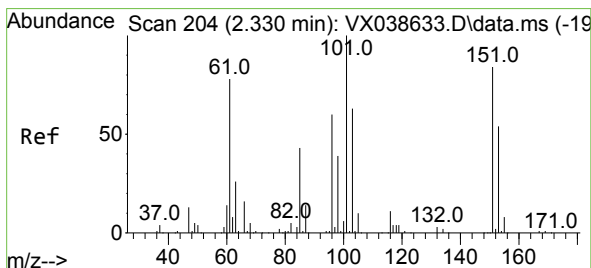
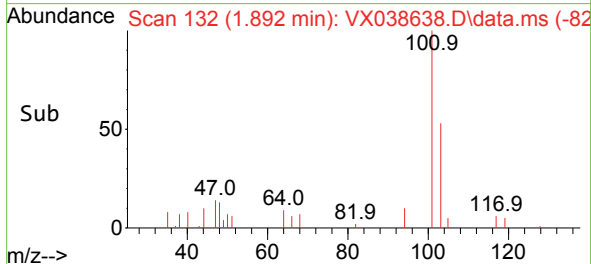
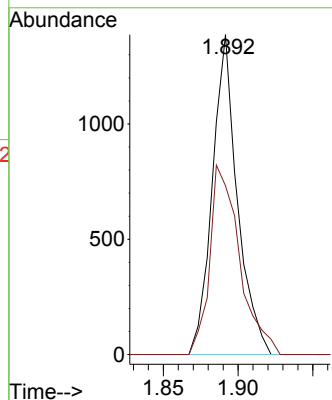
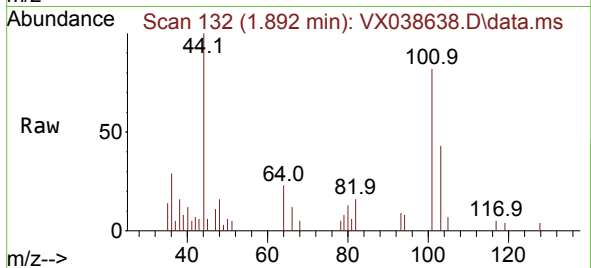




#7
Trichlorofluoromethane
Concen: 0.360 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX038638.D
Acq: 07 Nov 2023 17:38

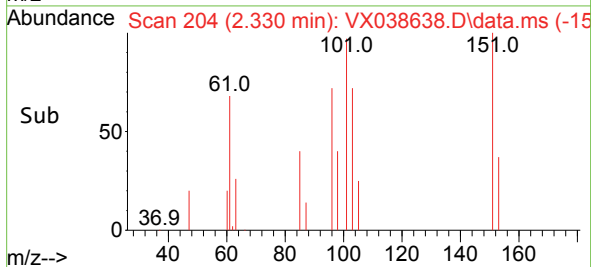
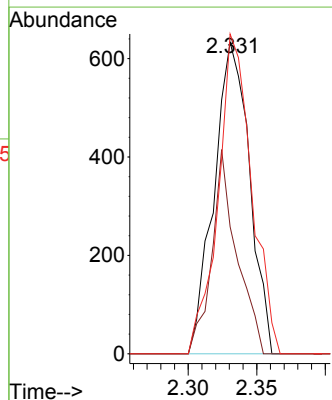
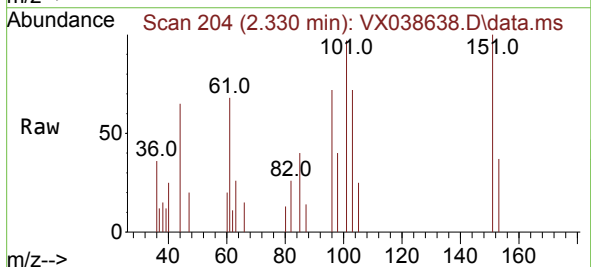
Instrument :
MSVOA_X
ClientSampleId :
IBLK

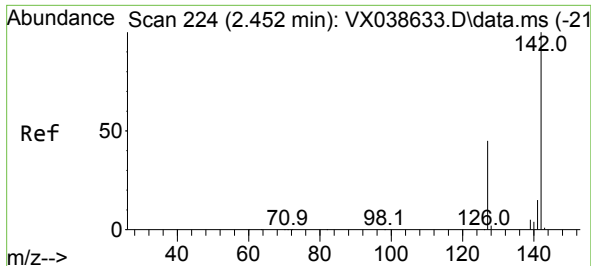
Tgt Ion:101 Resp: 1613
Ion Ratio Lower Upper
101 100
103 52.8 51.4 77.2



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.430 ug/l
RT: 2.330 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX038638.D
Acq: 07 Nov 2023 17:38

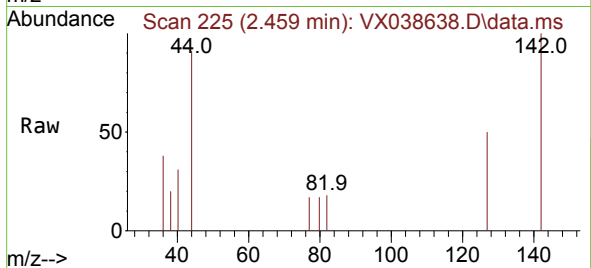
Tgt Ion:101 Resp: 1140
Ion Ratio Lower Upper
101 100
85 46.1 37.0 55.6
151 96.9 58.6 87.8#



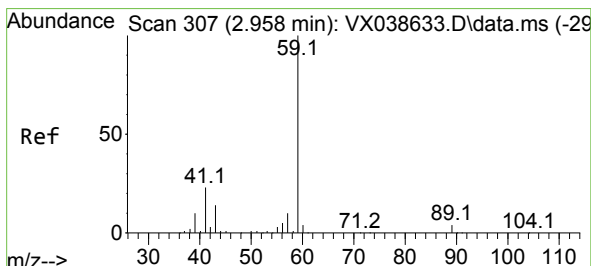
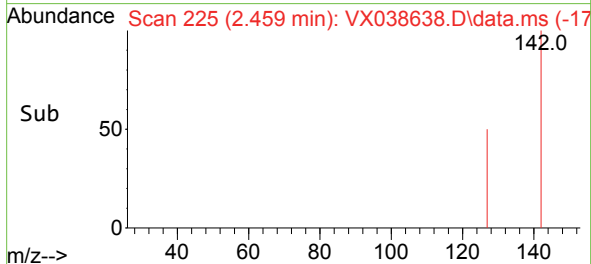
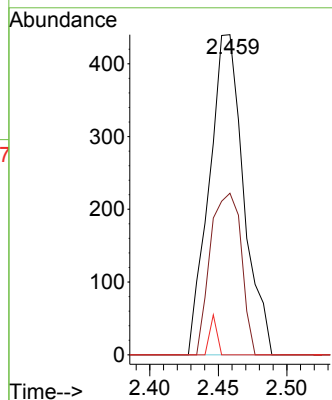


#10
Methyl Iodide
Concen: 0.235 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX038638.D
Acq: 07 Nov 2023 17:38

Instrument :
MSVOA_X
ClientSampleId :
IBLK

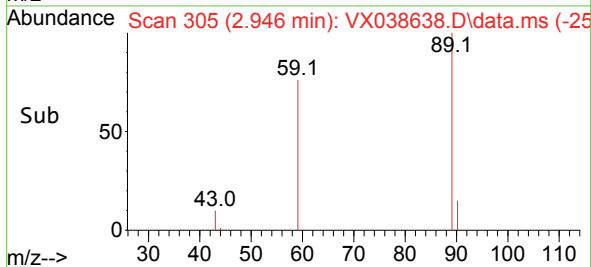
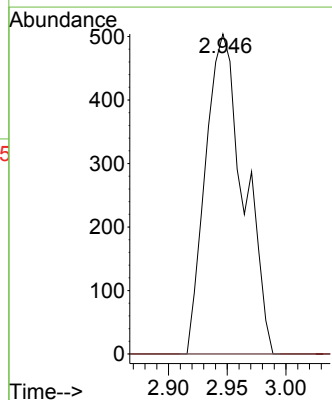
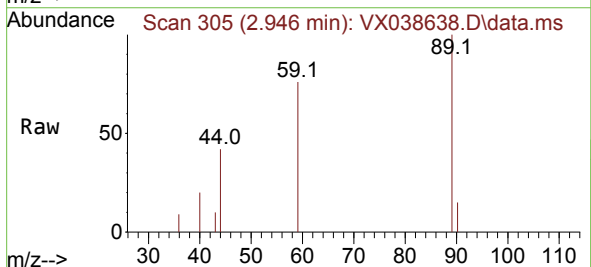


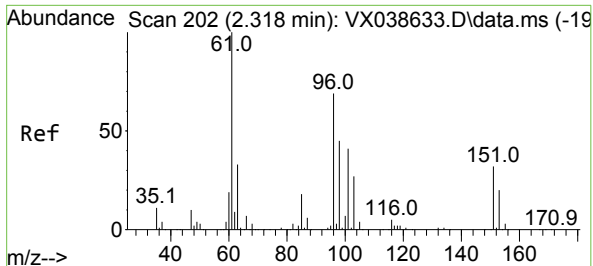
Tgt Ion:142 Resp: 769
Ion Ratio Lower Upper
142 100
127 45.3 41.6 62.4
141 2.6 11.6 17.4#



#11
Tert butyl alcohol
Concen: 1.646 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.012 min
Lab File: VX038638.D
Acq: 07 Nov 2023 17:38

Tgt Ion: 59 Resp: 1140
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#12

1,1-Dichloroethene

Concen: 0.382 ug/l

RT: 2.318 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX038638.D

Acq: 07 Nov 2023 17:38

Instrument :

MSVOA_X

ClientSampleId :

IBLK

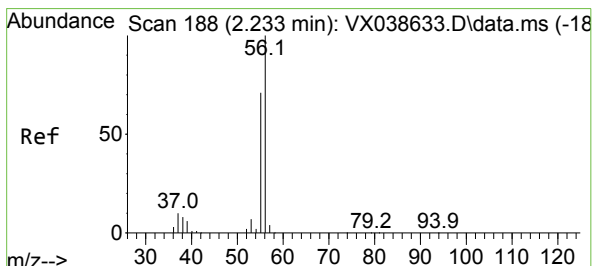
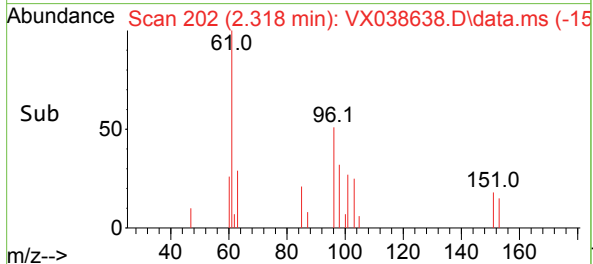
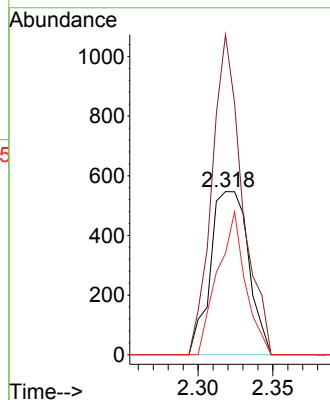
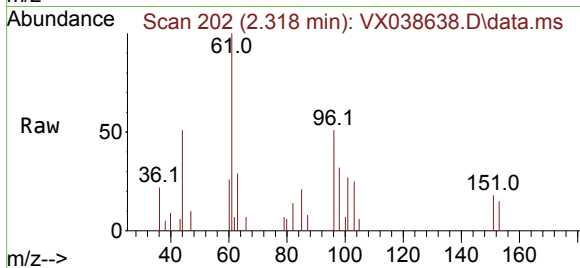
Tgt Ion: 96 Resp: 969

Ion Ratio Lower Upper

96 100

61 196.2 144.6 216.8

98 62.2 50.4 75.6



#13

Acrolein

Concen: 1.204 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.006 min

Lab File: VX038638.D

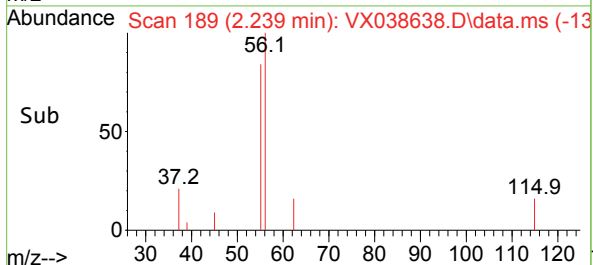
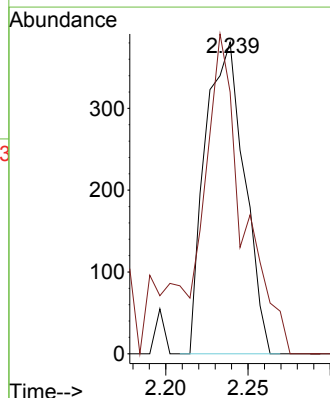
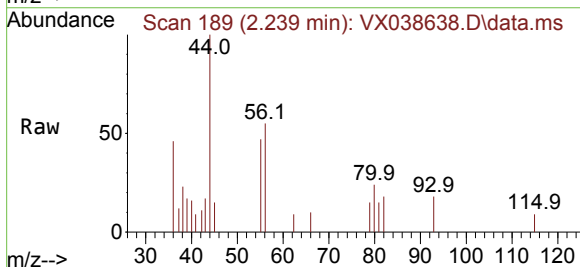
Acq: 07 Nov 2023 17:38

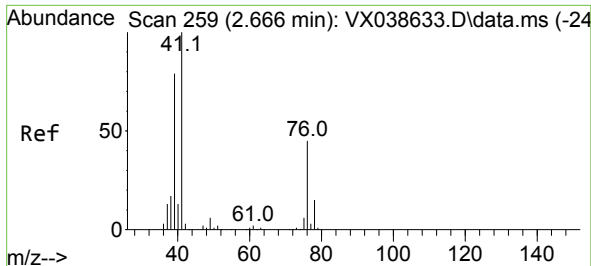
Tgt Ion: 56 Resp: 632

Ion Ratio Lower Upper

56 100

55 95.9 57.1 85.7#

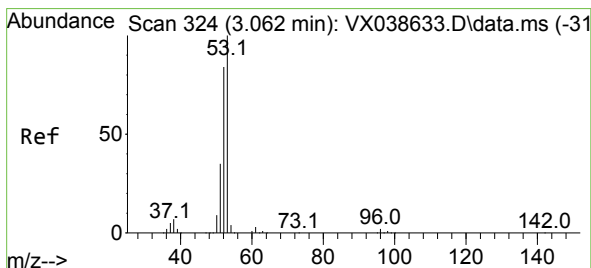
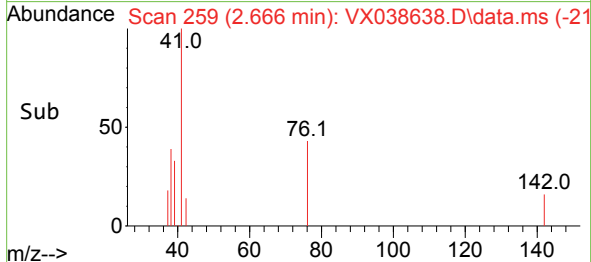
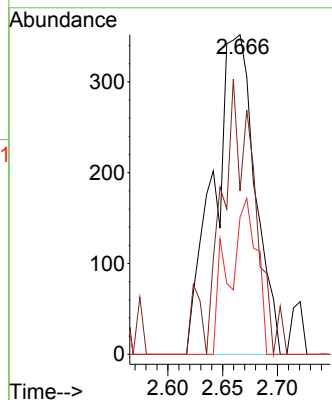
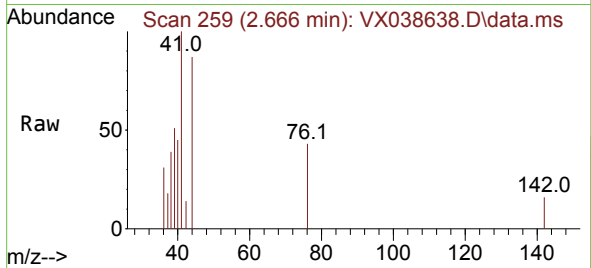




#14
 Allyl chloride
 Concen: 0.255 ug/l
 RT: 2.666 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VX038638.D
 Acq: 07 Nov 2023 17:38

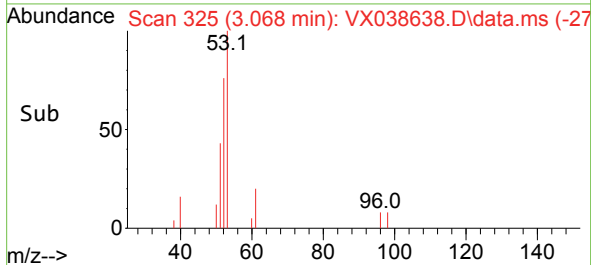
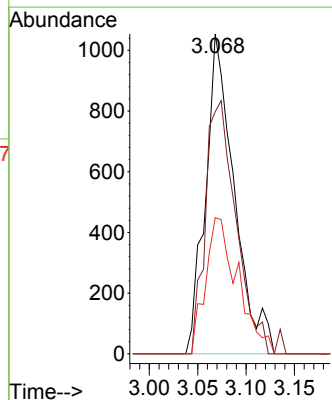
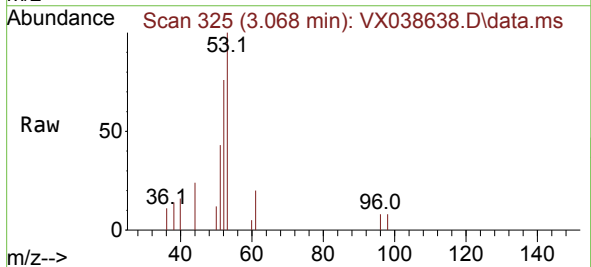
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

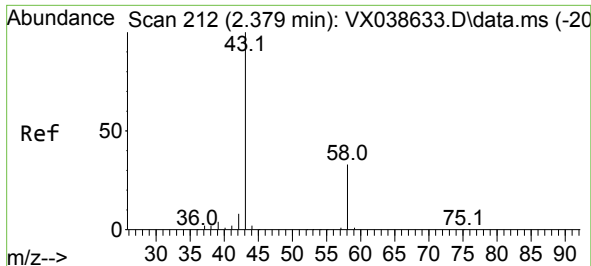
Tgt Ion: 41 Resp: 929
 Ion Ratio Lower Upper
 41 100
 39 70.1 55.8 83.6
 76 0.0 24.3 36.5#



#15
 Acrylonitrile
 Concen: 1.491 ug/l
 RT: 3.068 min Scan# 325
 Delta R.T. 0.006 min
 Lab File: VX038638.D
 Acq: 07 Nov 2023 17:38

Tgt Ion: 53 Resp: 2179
 Ion Ratio Lower Upper
 53 100
 52 84.1 66.0 99.0
 51 47.9 29.8 44.6#

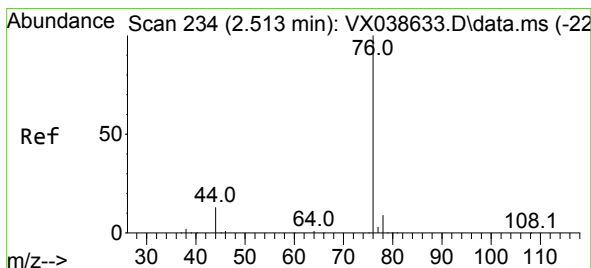
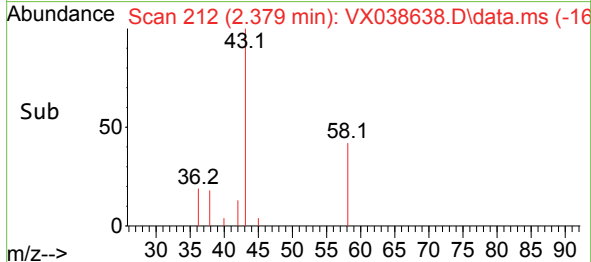
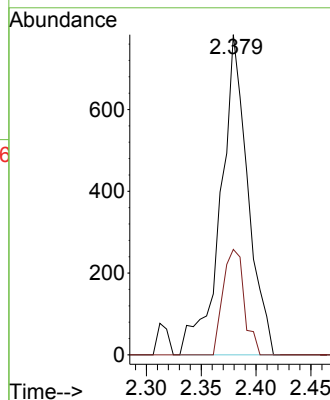
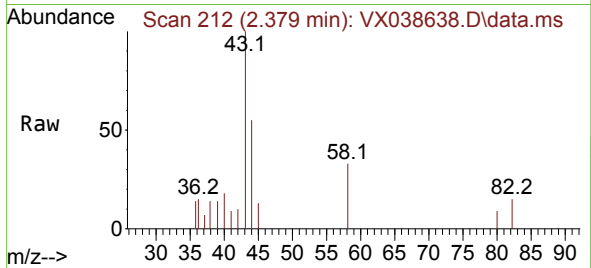




#16
Acetone
Concen: 0.951 ug/l
RT: 2.379 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX038638.D
Acq: 07 Nov 2023 17:38

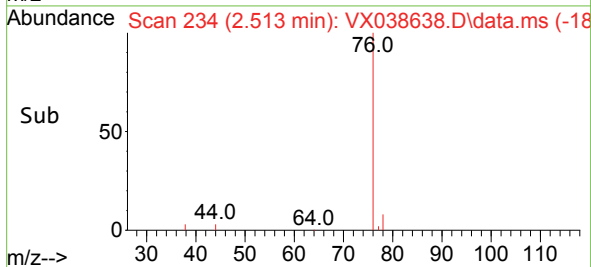
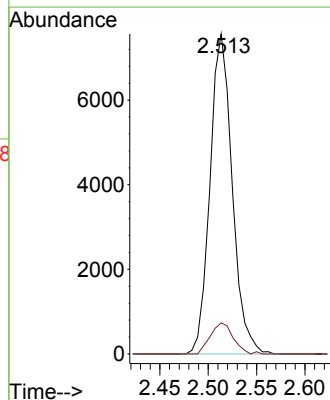
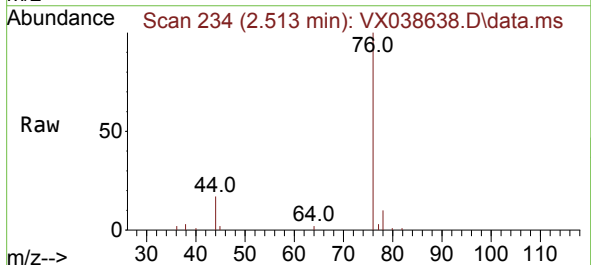
Instrument :
MSVOA_X
ClientSampleId :
IBLK

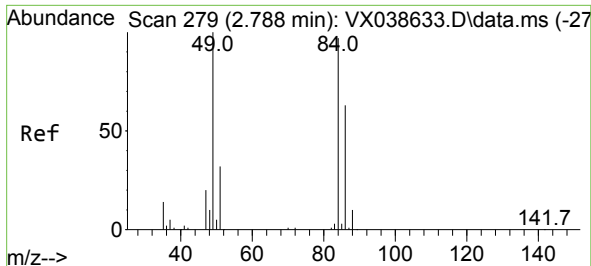
Tgt Ion: 43 Resp: 1357
Ion Ratio Lower Upper
43 100
58 33.0 21.9 32.9#



#17
Carbon Disulfide
Concen: 1.791 ug/l
RT: 2.513 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX038638.D
Acq: 07 Nov 2023 17:38

Tgt Ion: 76 Resp: 12085
Ion Ratio Lower Upper
76 100
78 9.7 7.0 10.6

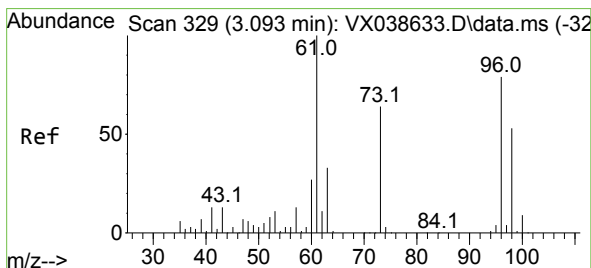
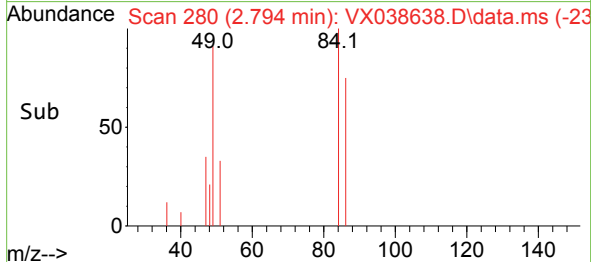
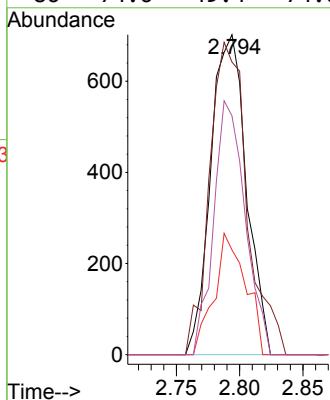
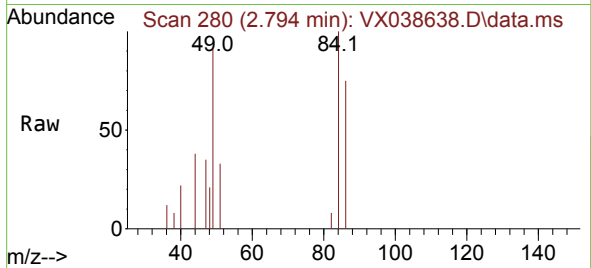




#20
Methylene Chloride
Concen: 0.478 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX038638.D
Acq: 07 Nov 2023 17:38

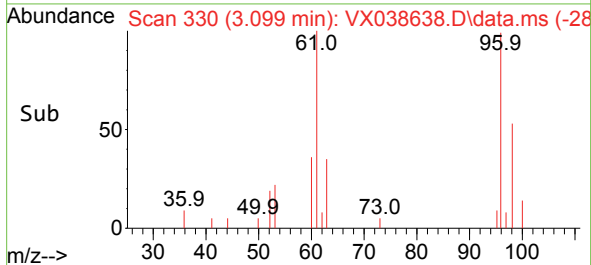
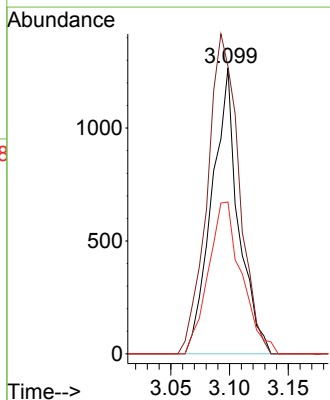
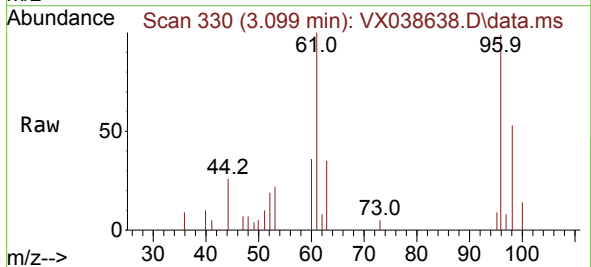
Instrument :
MSVOA_X
ClientSampleId :
IBLK

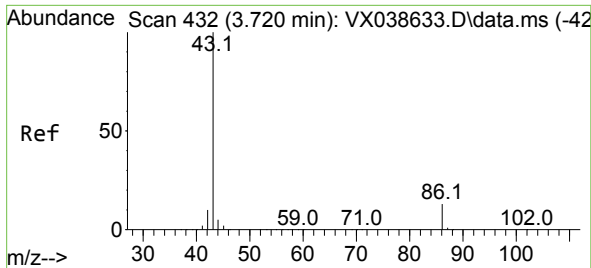
Tgt Ion: 84 Resp: 1376
Ion Ratio Lower Upper
84 100
49 91.5 103.6 155.4#
51 32.8 33.8 50.6#
86 74.6 49.4 74.0#



#21
trans-1,2-Dichloroethene
Concen: 0.725 ug/l
RT: 3.099 min Scan# 330
Delta R.T. 0.006 min
Lab File: VX038638.D
Acq: 07 Nov 2023 17:38

Tgt Ion: 96 Resp: 2004
Ion Ratio Lower Upper
96 100
61 100.6 119.2 178.8#
98 53.1 48.7 73.1

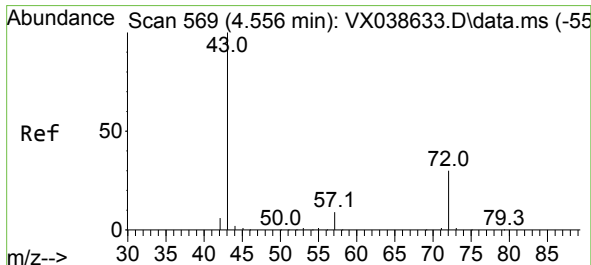
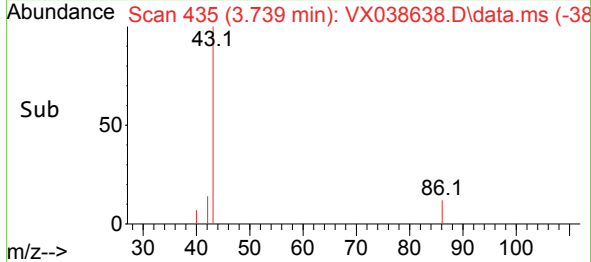
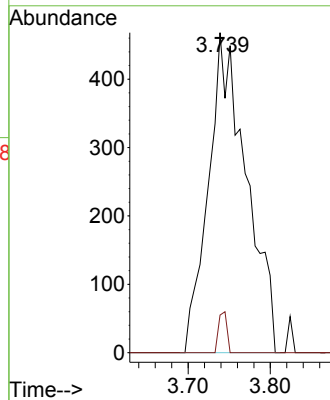
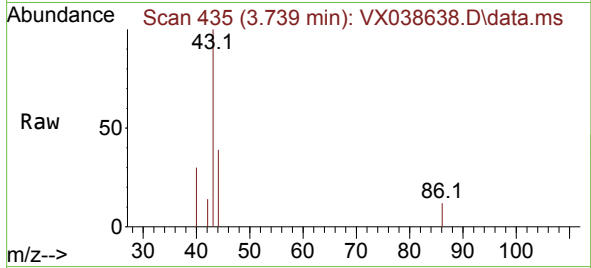




#23
 Vinyl Acetate
 Concen: 0.308 ug/l
 RT: 3.739 min Scan# 41
 Delta R.T. 0.018 min
 Lab File: VX038638.D
 Acq: 07 Nov 2023 17:38

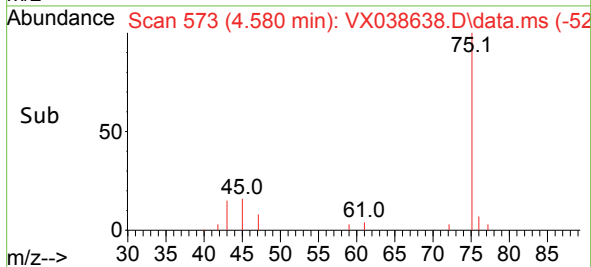
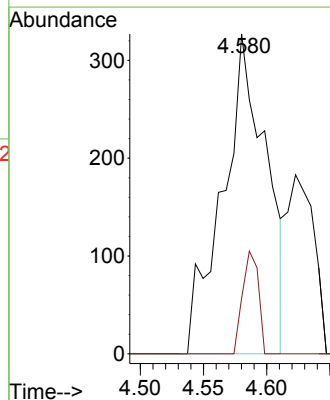
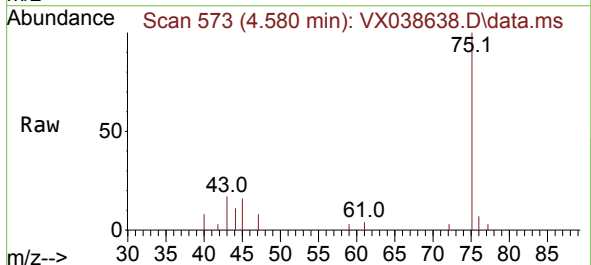
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

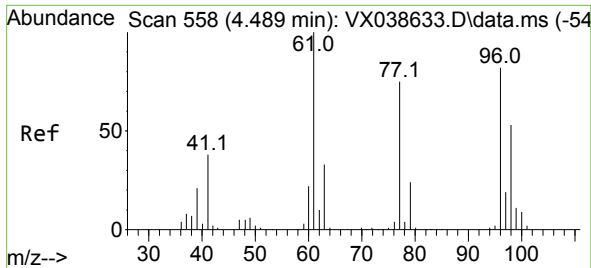
Tgt Ion: 43 Resp: 1497
 Ion Ratio Lower Upper
 43 100
 86 11.8 7.8 11.8



#25
 2-Butanone
 Concen: 0.378 ug/l
 RT: 4.580 min Scan# 573
 Delta R.T. 0.024 min
 Lab File: VX038638.D
 Acq: 07 Nov 2023 17:38

Tgt Ion: 43 Resp: 781
 Ion Ratio Lower Upper
 43 100
 72 17.4 19.4 29.2#





#27

cis-1,2-Dichloroethene

Concen: 0.332 ug/l

RT: 4.507 min Scan# 5

Delta R.T. 0.018 min

Lab File: VX038638.D

Acq: 07 Nov 2023 17:38

Instrument :

MSVOA_X

ClientSampleId :

IBLK

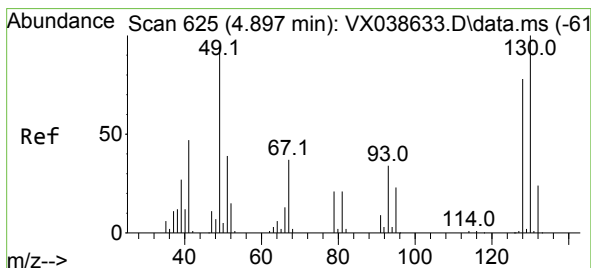
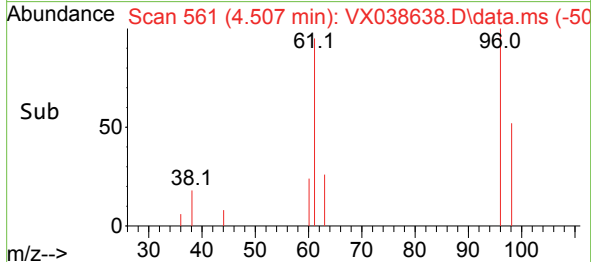
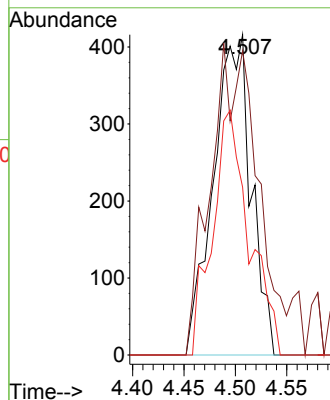
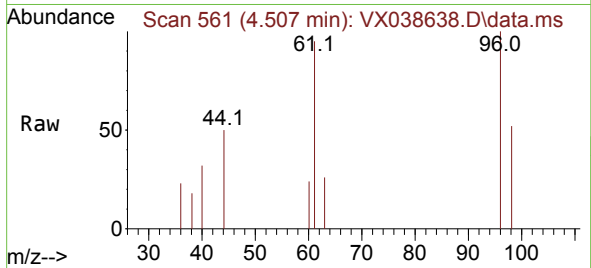
Tgt Ion: 96 Resp: 1060

Ion Ratio Lower Upper

96 100

61 56.9 0.0 312.2

98 74.7 0.0 129.0



#28

Bromochloromethane

Concen: 0.228 ug/l

RT: 4.903 min Scan# 626

Delta R.T. 0.006 min

Lab File: VX038638.D

Acq: 07 Nov 2023 17:38

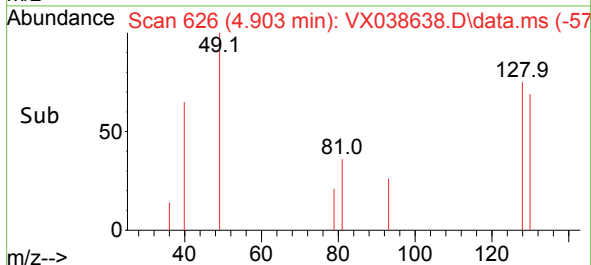
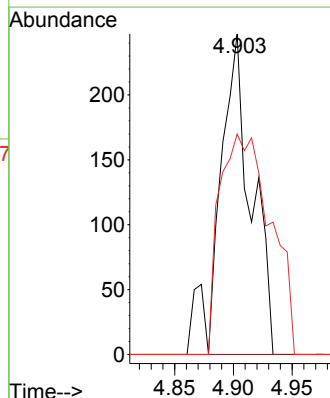
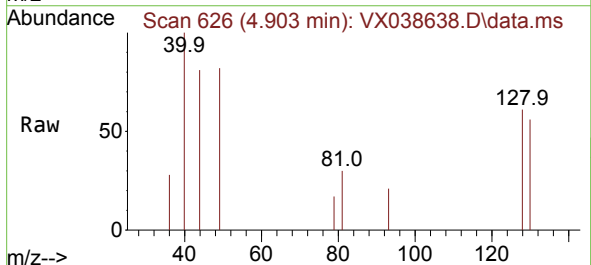
Tgt Ion: 49 Resp: 464

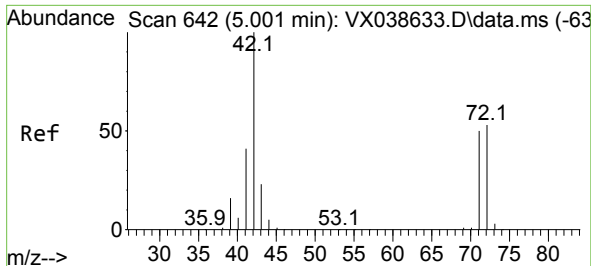
Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

130 110.8 57.5 86.3#





#29

Tetrahydrofuran

Concen: 0.291 ug/l

RT: 5.025 min Scan# 64

Delta R.T. 0.024 min

Lab File: VX038638.D

Acq: 07 Nov 2023 17:38

Instrument :

MSVOA_X

ClientSampleId :

IBLK

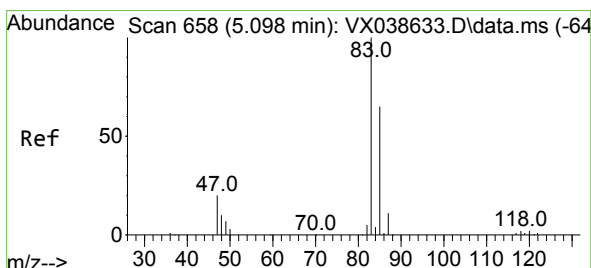
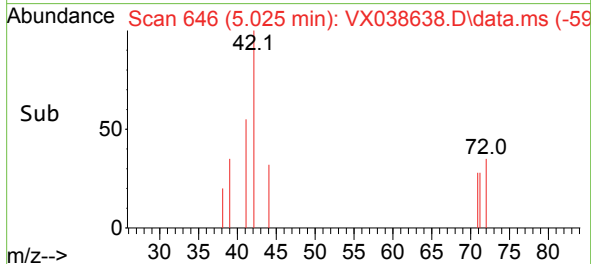
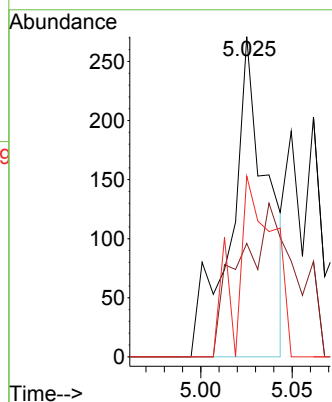
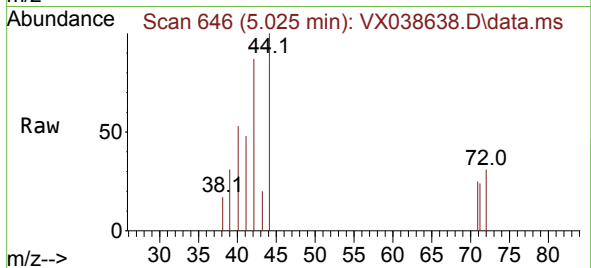
Tgt Ion: 42 Resp: 374

Ion Ratio Lower Upper

42 100

72 75.1 34.2 51.4#

71 57.2 32.2 48.2#



#30

Chloroform

Concen: 0.535 ug/l

RT: 5.098 min Scan# 658

Delta R.T. 0.000 min

Lab File: VX038638.D

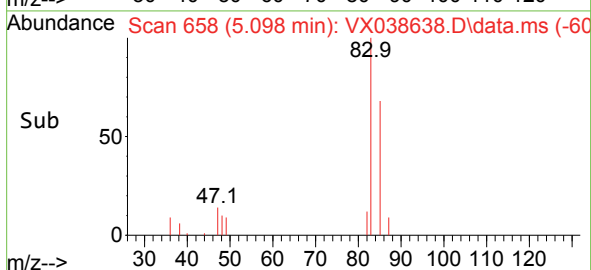
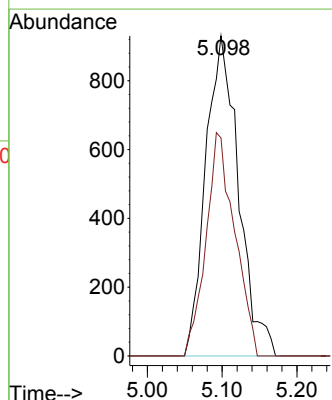
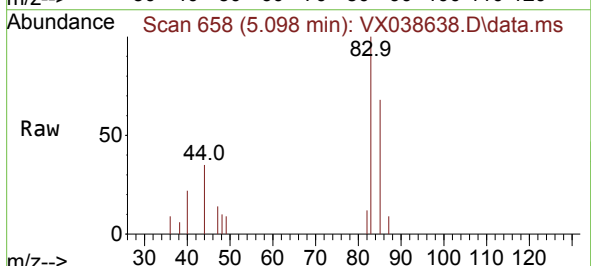
Acq: 07 Nov 2023 17:38

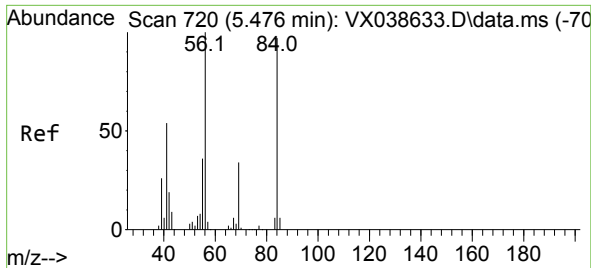
Tgt Ion: 83 Resp: 2845

Ion Ratio Lower Upper

83 100

85 68.2 50.3 75.5

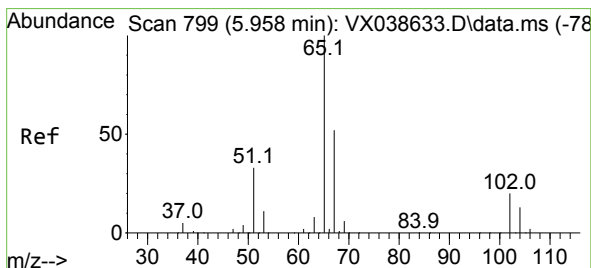
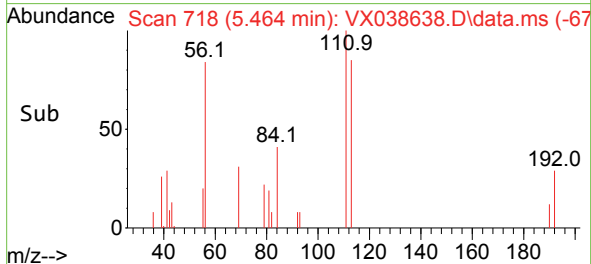
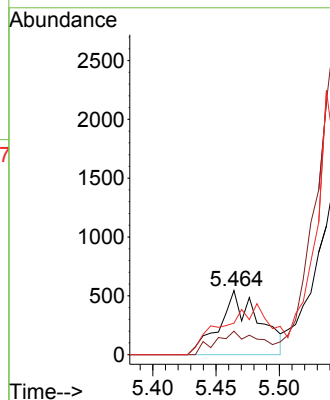
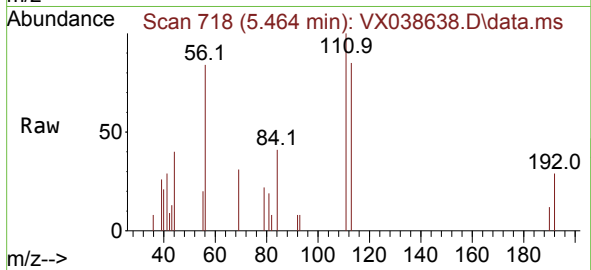




#31
Cyclohexane
Concen: 0.314 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.012 min
Lab File: VX038638.D
Acq: 07 Nov 2023 17:38

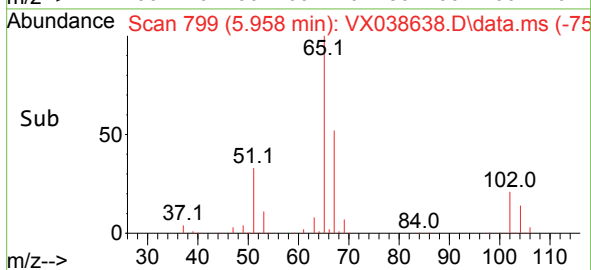
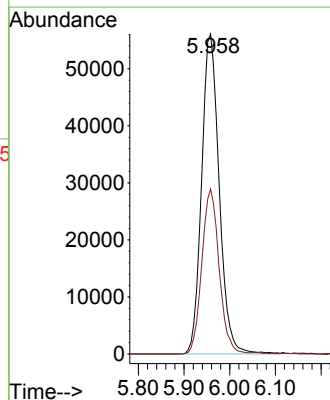
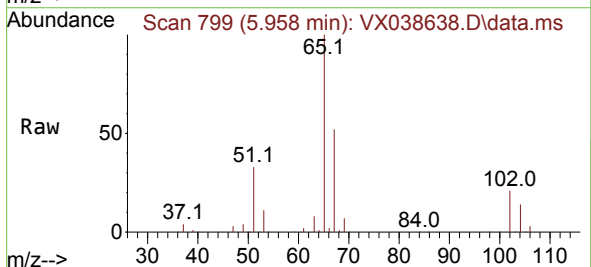
Instrument :
MSVOA_X
ClientSampleId :
IBLK

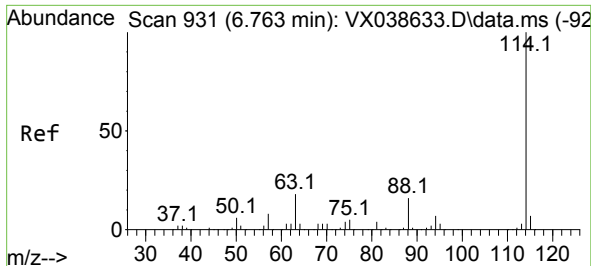
Tgt Ion: 56 Resp: 1177
Ion Ratio Lower Upper
56 100
69 36.7 23.4 35.2#
84 49.0 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 44.265 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038638.D
Acq: 07 Nov 2023 17:38

Tgt Ion: 65 Resp: 149933
Ion Ratio Lower Upper
65 100
67 50.6 0.0 100.2

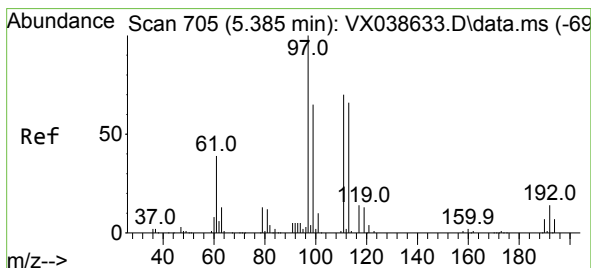
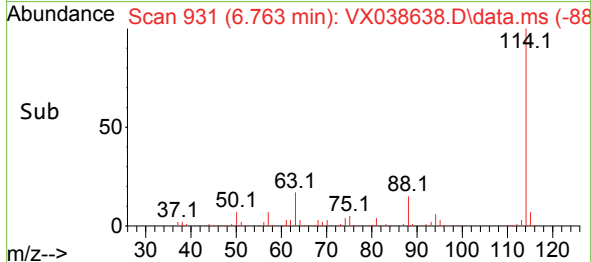
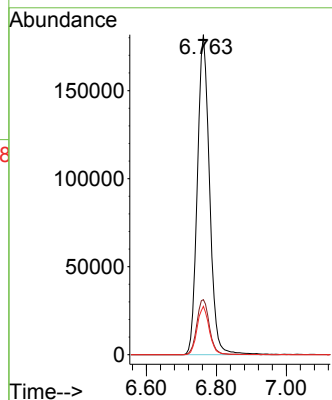
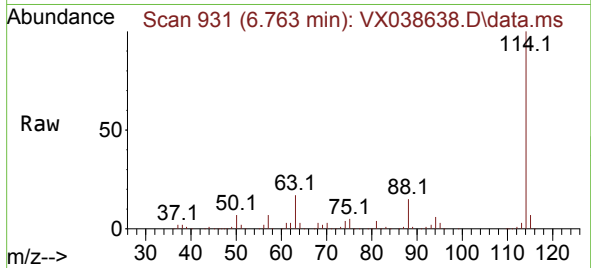




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX038638.D
Acq: 07 Nov 2023 17:38

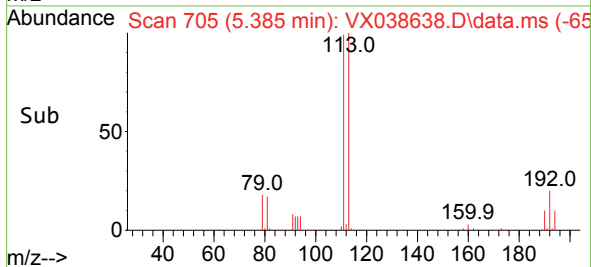
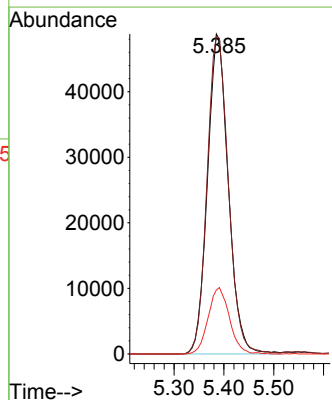
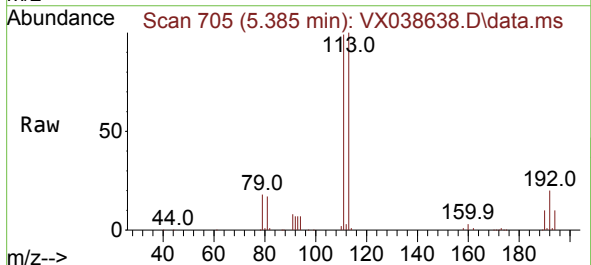
Instrument :
MSVOA_X
ClientSampleId :
IBLK

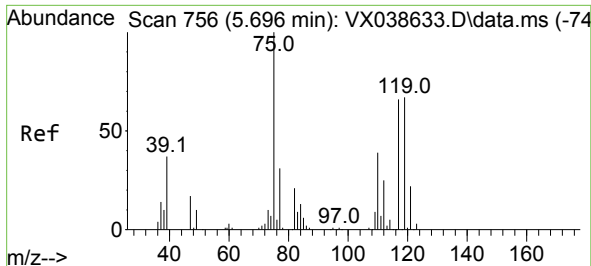
Tgt Ion:114 Resp: 438514
Ion Ratio Lower Upper
114 100
63 17.2 0.0 45.0
88 15.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.879 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038638.D
Acq: 07 Nov 2023 17:38

Tgt Ion:113 Resp: 141741
Ion Ratio Lower Upper
113 100
111 101.5 82.9 124.3
192 21.2 13.3 19.9#

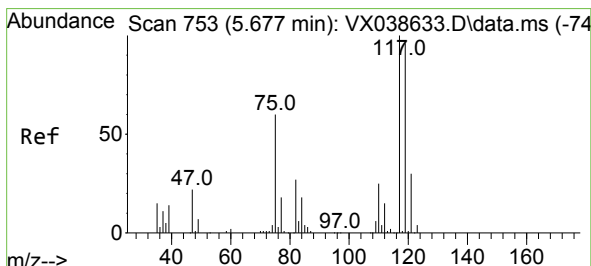
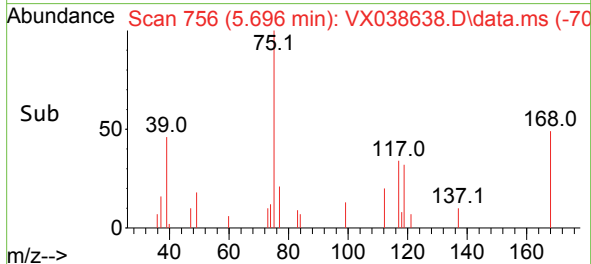
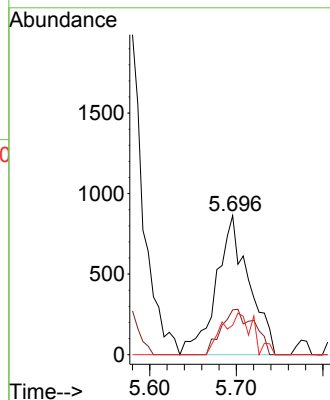
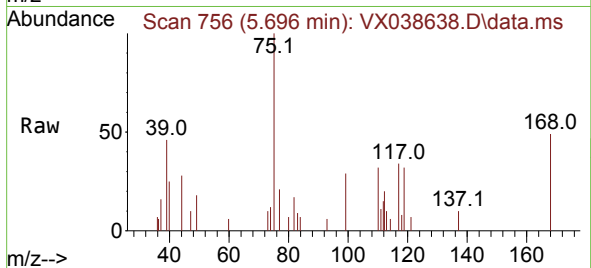




#36
1,1-Dichloropropene
Concen: 0.575 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.000 min
Lab File: VX038638.D
Acq: 07 Nov 2023 17:38

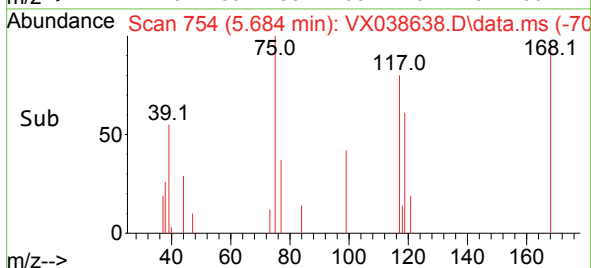
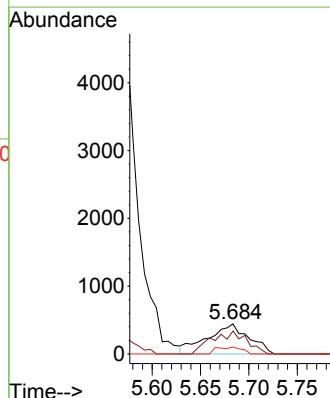
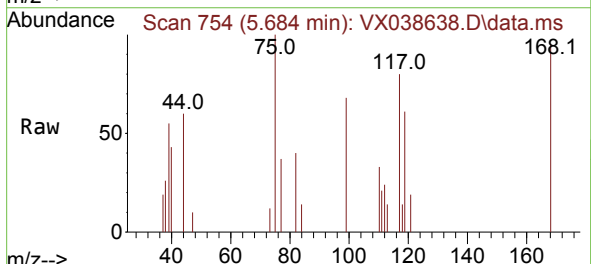
Instrument :
MSVOA_X
ClientSampleId :
IBLK

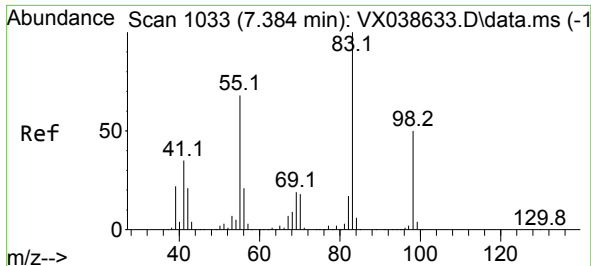
Tgt Ion: 75 Resp: 2256
Ion Ratio Lower Upper
75 100
110 32.8 17.0 50.9
77 27.9 24.7 37.1



#38
Carbon Tetrachloride
Concen: 0.300 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.006 min
Lab File: VX038638.D
Acq: 07 Nov 2023 17:38

Tgt Ion: 117 Resp: 1315
Ion Ratio Lower Upper
117 100
119 75.9 78.2 117.2#
121 23.2 24.4 36.6#

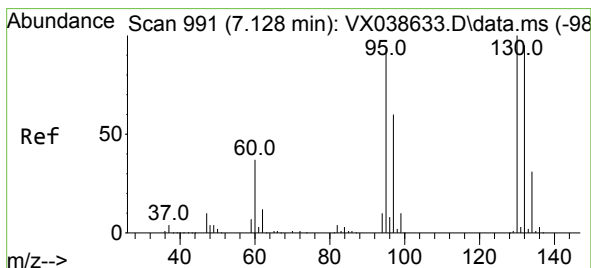
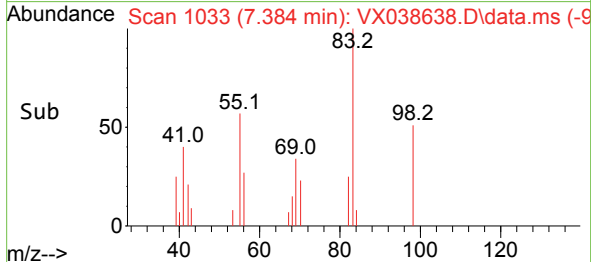
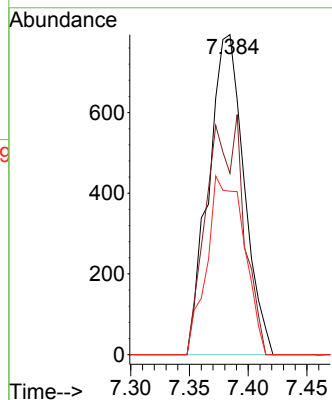
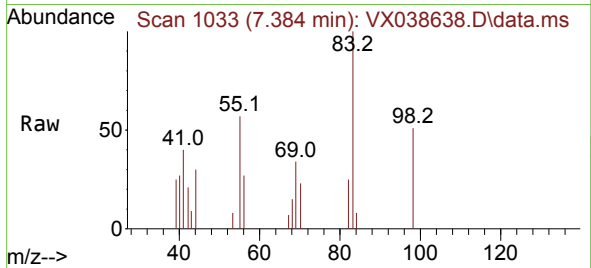




#39
Methylcyclohexane
Concen: 0.338 ug/l
RT: 7.384 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX038638.D
Acq: 07 Nov 2023 17:38

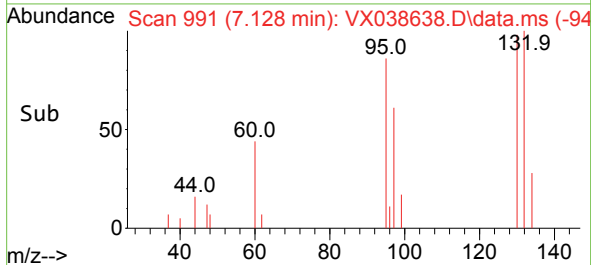
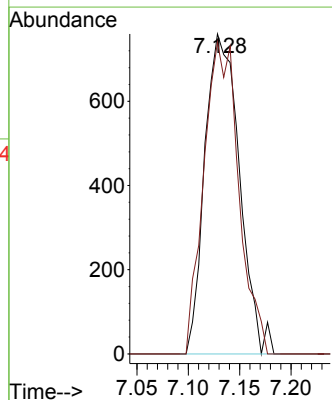
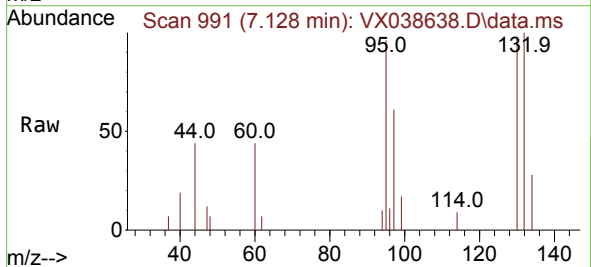
Instrument :
MSVOA_X
ClientSampleId :
IBLK

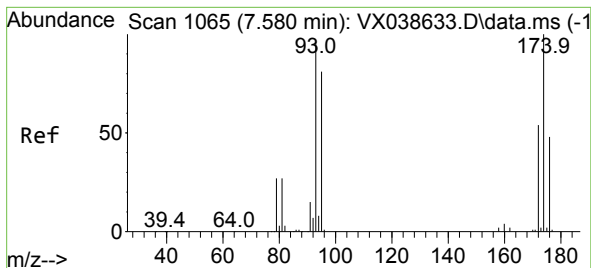
Tgt Ion: 83 Resp: 1659
Ion Ratio Lower Upper
83 100
55 56.6 64.6 97.0#
98 51.1 36.7 55.1



#44
Trichloroethene
Concen: 0.505 ug/l
RT: 7.128 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX038638.D
Acq: 07 Nov 2023 17:38

Tgt Ion:130 Resp: 1776
Ion Ratio Lower Upper
130 100
95 97.5 0.0 204.4





#46

Dibromomethane

Concen: 0.262 ug/l

RT: 7.592 min Scan# 1106

Delta R.T. 0.012 min

Lab File: VX038638.D

Acq: 07 Nov 2023 17:38

Instrument :

MSVOA_X

ClientSampleId :

IBLK

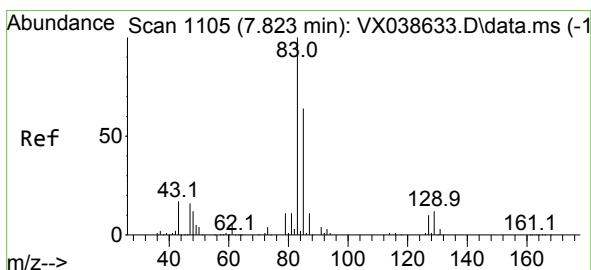
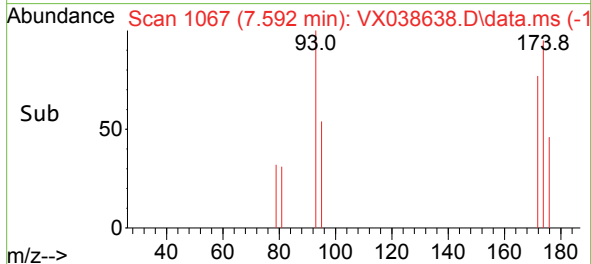
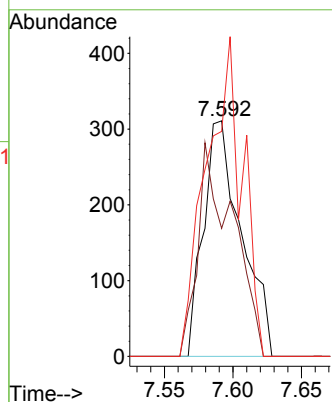
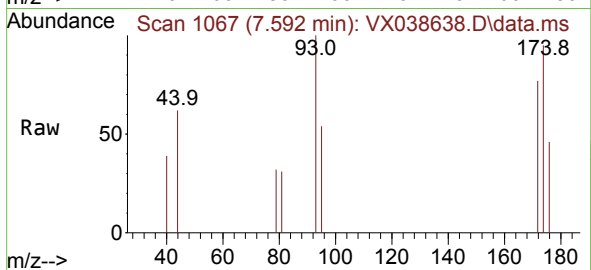
Tgt Ion: 93 Resp: 599

Ion Ratio Lower Upper

93 100

95 83.8 66.6 100.0

174 127.5 69.4 104.0#



#47

Bromodichloromethane

Concen: 0.300 ug/l

RT: 7.817 min Scan# 1104

Delta R.T. -0.006 min

Lab File: VX038638.D

Acq: 07 Nov 2023 17:38

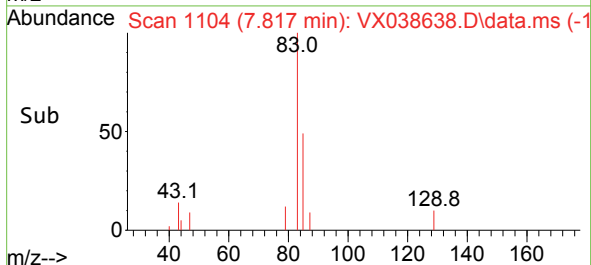
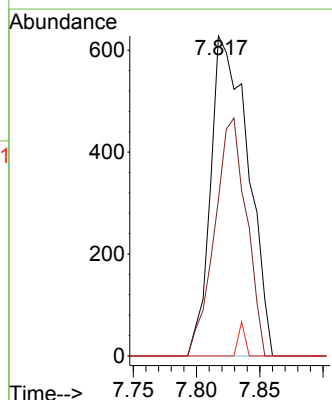
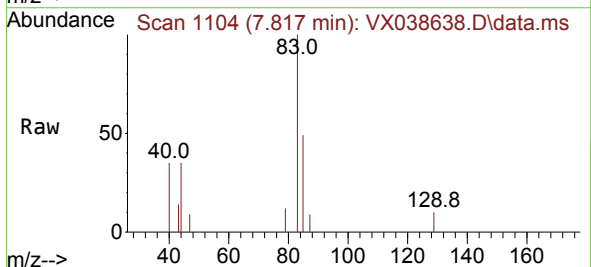
Tgt Ion: 83 Resp: 1289

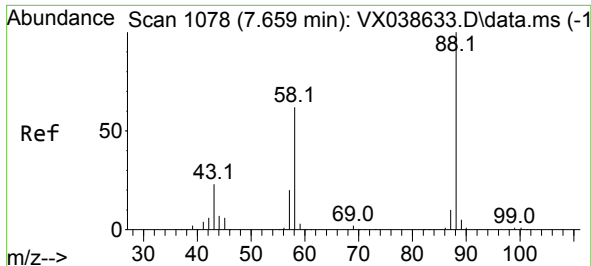
Ion Ratio Lower Upper

83 100

85 48.9 49.8 74.6#

127 0.0 7.1 10.7#

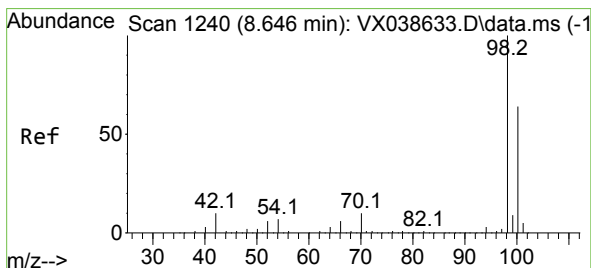
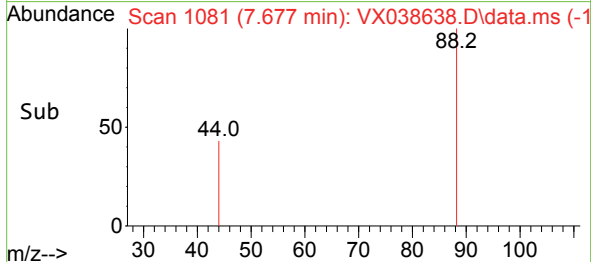
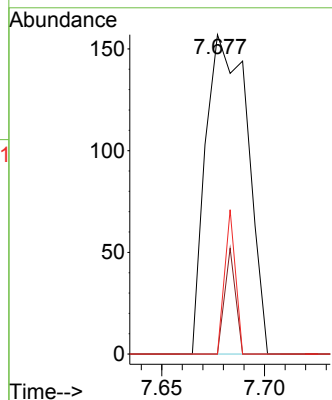
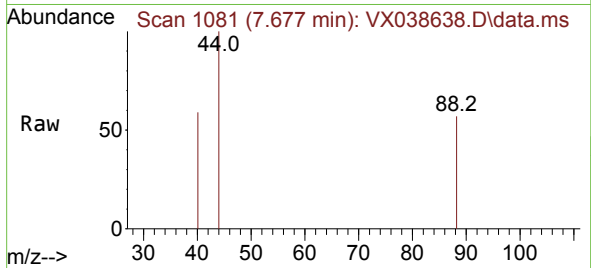




#49
1,4-Dioxane
Concen: 3.271 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. 0.018 min
Lab File: VX038638.D
Acq: 07 Nov 2023 17:38

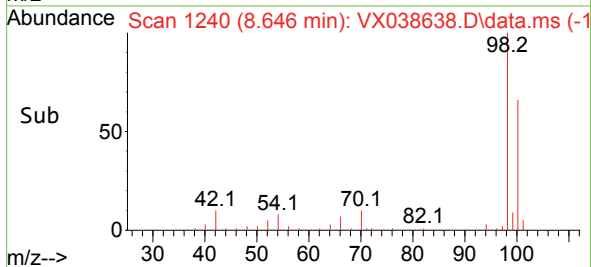
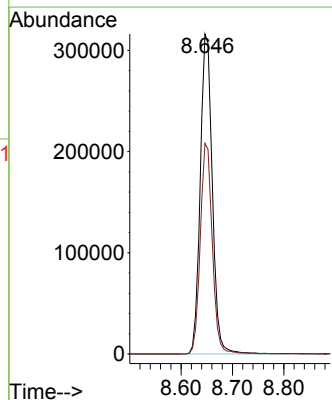
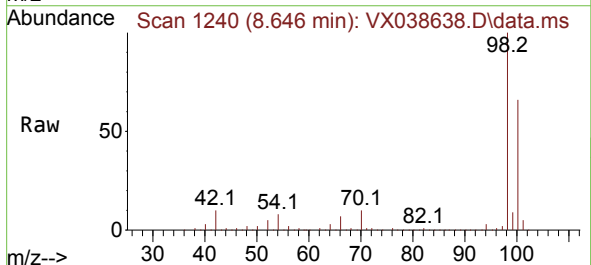
Instrument :
MSVOA_X
ClientSampleId :
IBLK

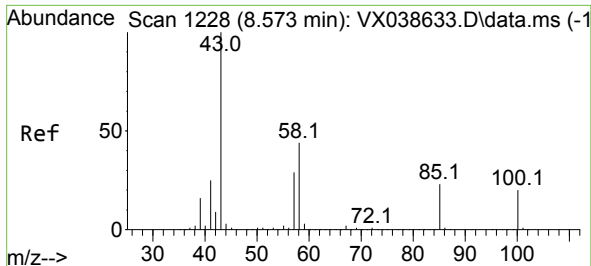
Tgt Ion: 88 Resp: 221
Ion Ratio Lower Upper
88 100
43 8.6 0.0 0.0#
58 11.8 60.1 90.1#



#50
Toluene-d8
Concen: 45.550 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038638.D
Acq: 07 Nov 2023 17:38

Tgt Ion: 98 Resp: 514795
Ion Ratio Lower Upper
98 100
100 65.6 53.1 79.7

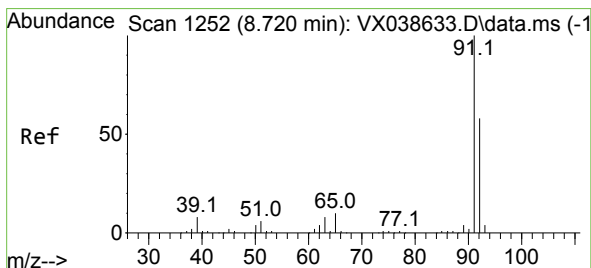
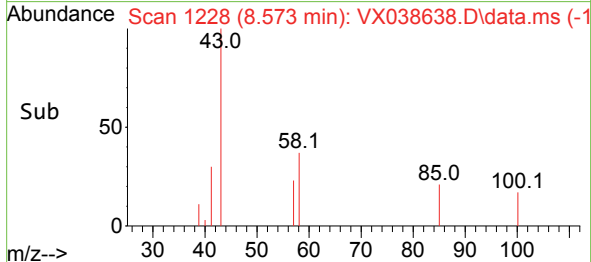
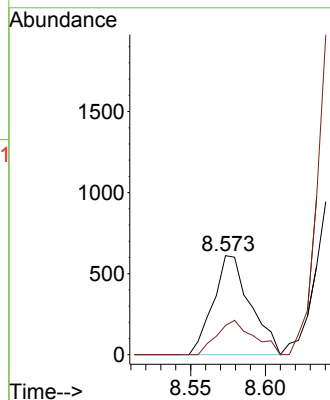
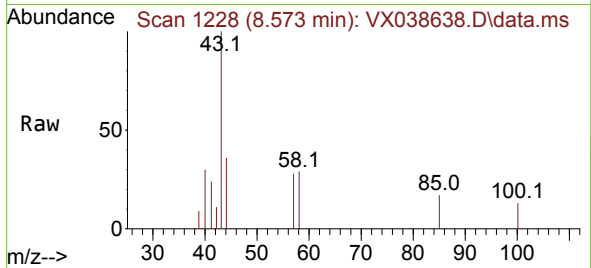




#51
4-Methyl-2-Pentanone
Concen: 0.262 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX038638.D
Acq: 07 Nov 2023 17:38

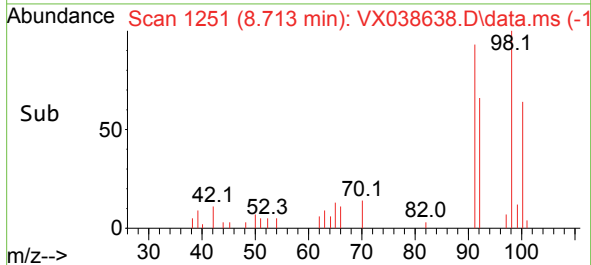
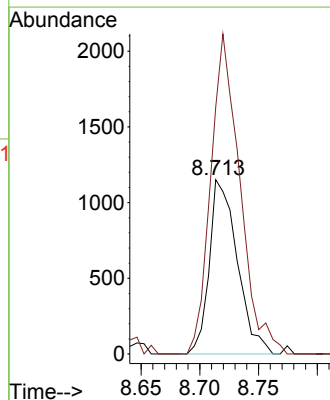
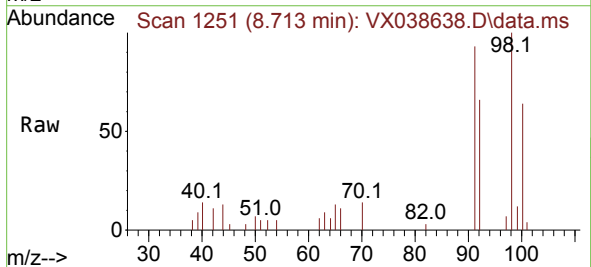
Instrument :
MSVOA_X
ClientSampleId :
IBLK

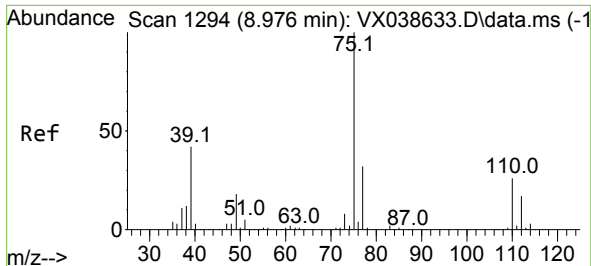
Tgt Ion: 43 Resp: 1053
Ion Ratio Lower Upper
43 100
58 34.9 30.4 45.6



#52
Toluene
Concen: 0.257 ug/l
RT: 8.713 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX038638.D
Acq: 07 Nov 2023 17:38

Tgt Ion: 92 Resp: 1905
Ion Ratio Lower Upper
92 100
91 191.9 134.2 201.2

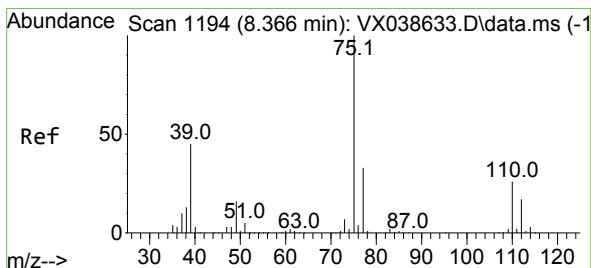
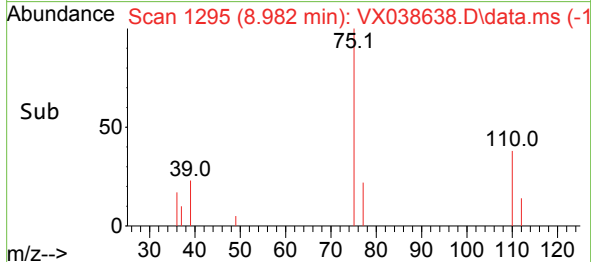
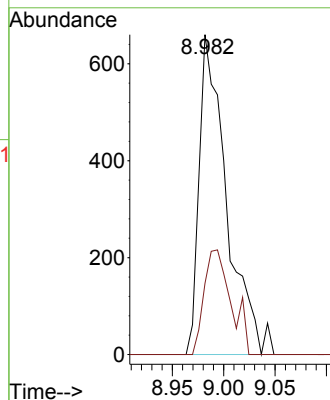
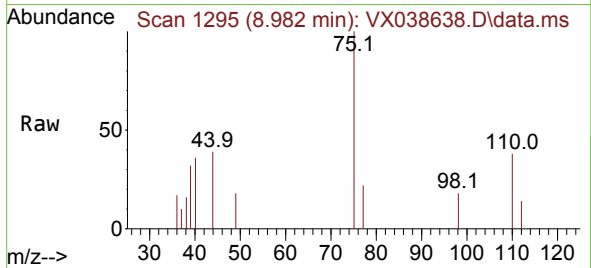




#53
 t-1,3-Dichloropropene
 Concen: 0.281 ug/l
 RT: 8.982 min Scan# 1195
 Delta R.T. 0.006 min
 Lab File: VX038638.D
 Acq: 07 Nov 2023 17:38

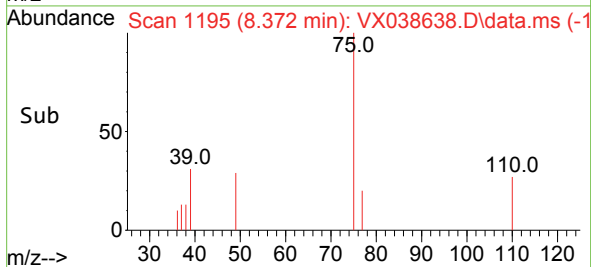
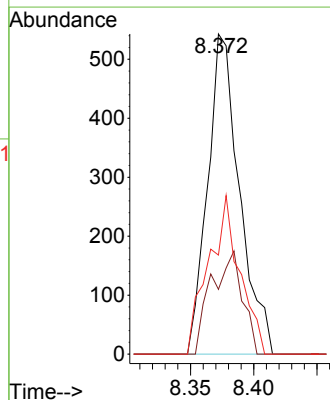
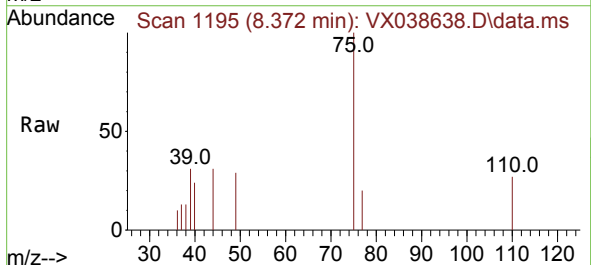
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

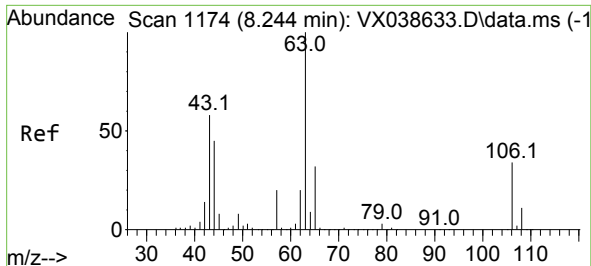
Tgt Ion: 75 Resp: 1227
 Ion Ratio Lower Upper
 75 100
 77 22.3 25.7 38.5#



#54
 cis-1,3-Dichloropropene
 Concen: 0.206 ug/l
 RT: 8.372 min Scan# 1195
 Delta R.T. 0.006 min
 Lab File: VX038638.D
 Acq: 07 Nov 2023 17:38

Tgt Ion: 75 Resp: 950
 Ion Ratio Lower Upper
 75 100
 77 20.3 25.3 37.9#
 39 30.9 46.7 70.1#

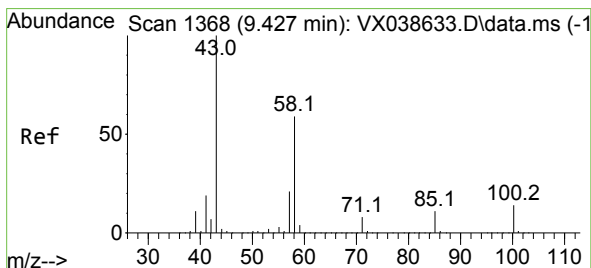
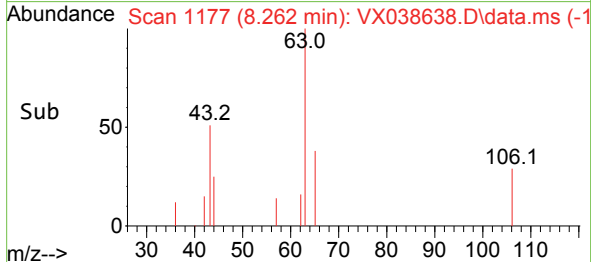
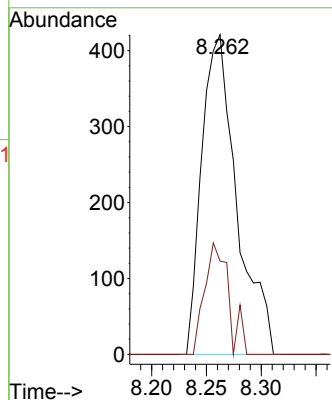
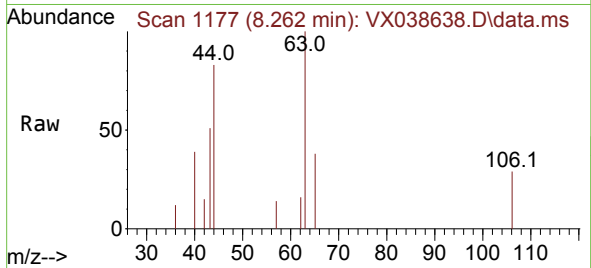




#58
2-Chloroethyl Vinyl ether
Concen: 0.434 ug/l
RT: 8.262 min Scan# 1177
Delta R.T. 0.018 min
Lab File: VX038638.D
Acq: 07 Nov 2023 17:38

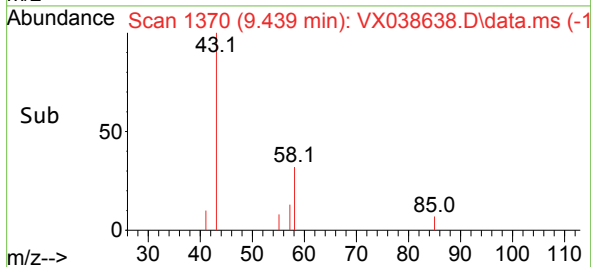
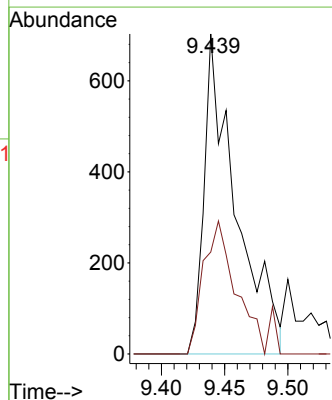
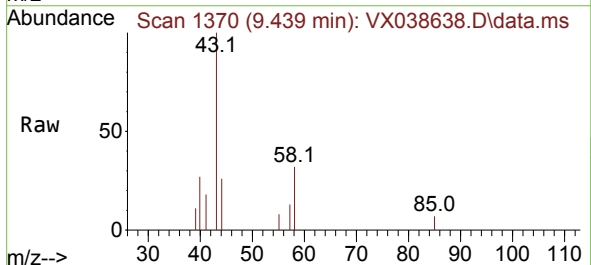
Instrument :
MSVOA_X
ClientSampleId :
IBLK

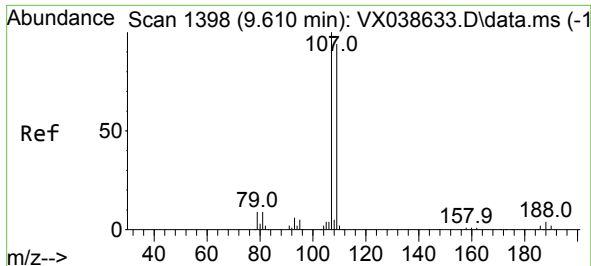
Tgt Ion: 63 Resp: 937
Ion Ratio Lower Upper
63 100
106 23.8 22.5 33.7



#59
2-Hexanone
Concen: 0.379 ug/l
RT: 9.439 min Scan# 1370
Delta R.T. 0.012 min
Lab File: VX038638.D
Acq: 07 Nov 2023 17:38

Tgt Ion: 43 Resp: 1231
Ion Ratio Lower Upper
43 100
58 42.2 26.2 78.5





#61

1,2-Dibromoethane

Concen: 0.210 ug/l

RT: 9.616 min Scan# 1399

Delta R.T. 0.006 min

Lab File: VX038638.D

Acq: 07 Nov 2023 17:38

Instrument :

MSVOA_X

ClientSampleId :

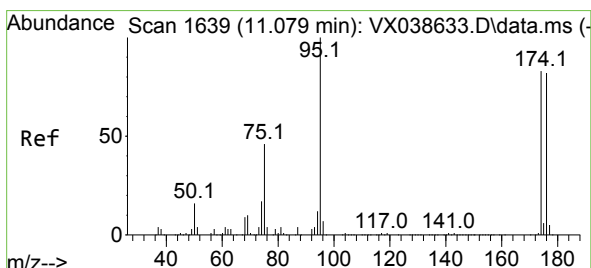
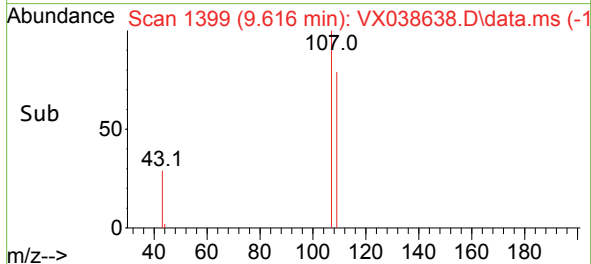
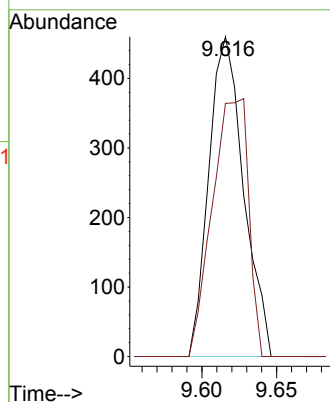
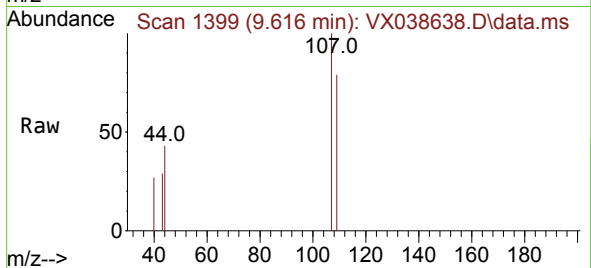
IBLK

Tgt Ion:107 Resp: 742

Ion Ratio Lower Upper

107 100

109 84.1 75.2 112.8



#62

4-Bromofluorobenzene

Concen: 48.726 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX038638.D

Acq: 07 Nov 2023 17:38

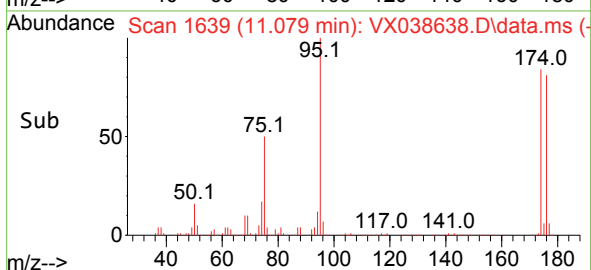
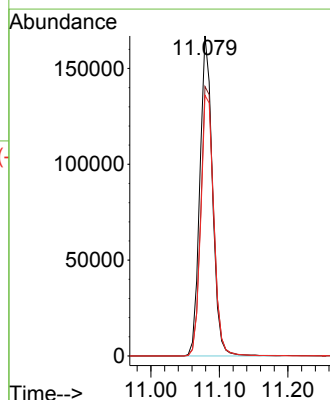
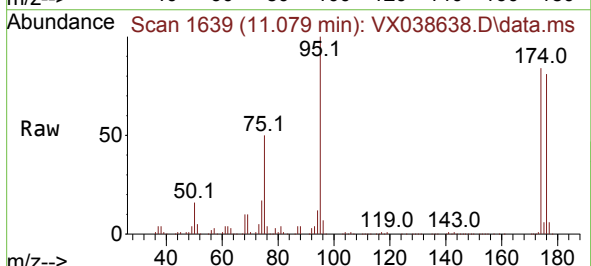
Tgt Ion: 95 Resp: 213509

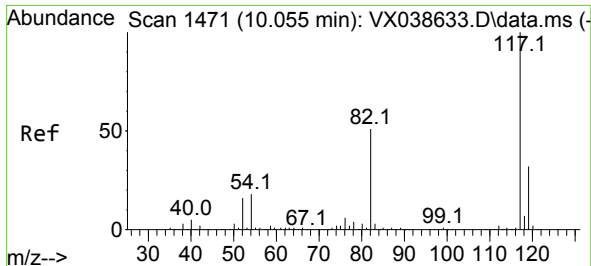
Ion Ratio Lower Upper

95 100

174 87.1 0.0 135.6

176 84.5 0.0 131.0

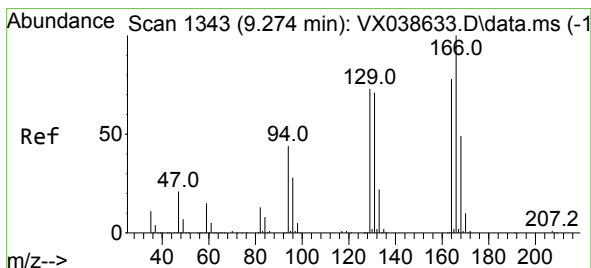
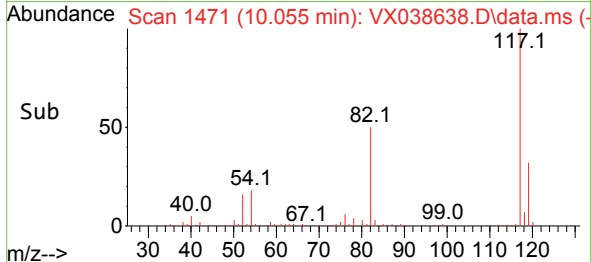
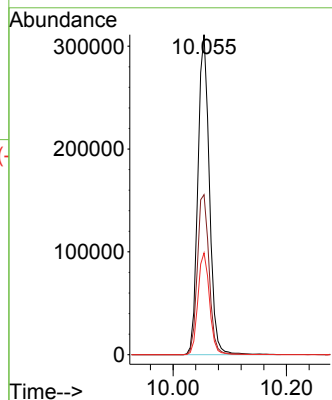
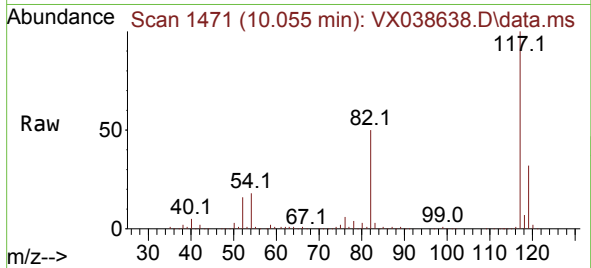




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038638.D
Acq: 07 Nov 2023 17:38

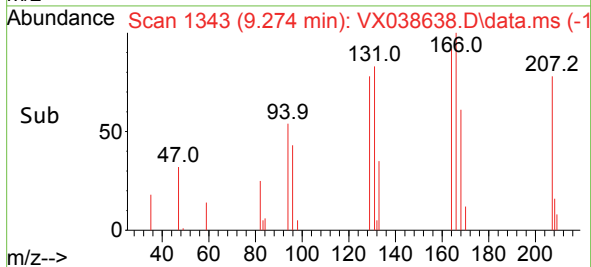
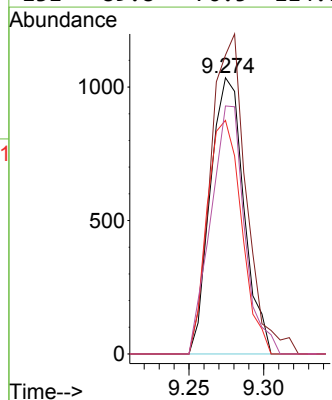
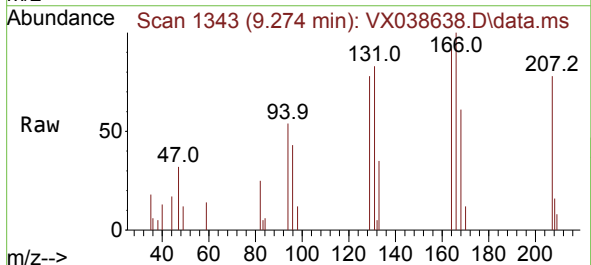
Instrument :
MSVOA_X
ClientSampleId :
IBLK

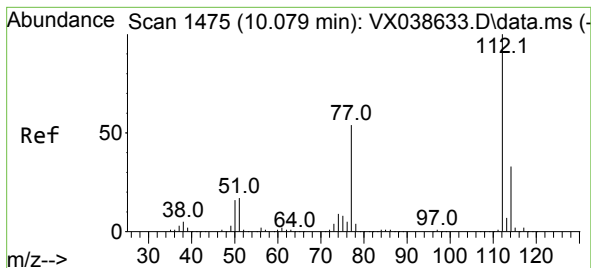
Tgt Ion:117 Resp: 437330
Ion Ratio Lower Upper
117 100
82 50.0 46.2 69.4
119 31.8 25.5 38.3



#64
Tetrachloroethene
Concen: 0.494 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX038638.D
Acq: 07 Nov 2023 17:38

Tgt Ion:164 Resp: 1616
Ion Ratio Lower Upper
164 100
166 108.2 102.7 154.1
129 84.5 80.4 120.6
131 89.8 76.5 114.7





#65

Chlorobenzene

Concen: 0.379 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX038638.D

Acq: 07 Nov 2023 17:38

Instrument :

MSVOA_X

ClientSampleId :

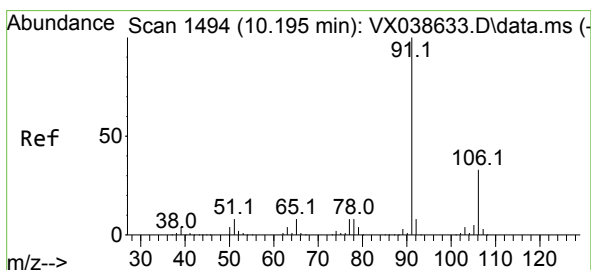
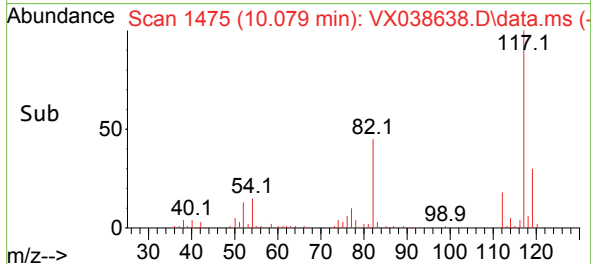
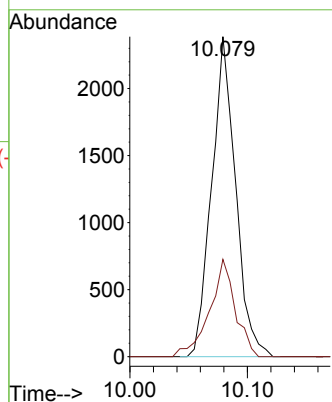
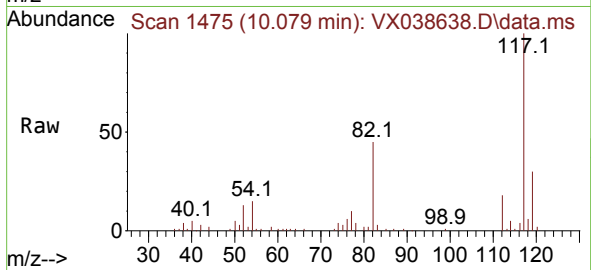
IBLK

Tgt Ion:112 Resp: 3378

Ion Ratio Lower Upper

112 100

114 30.4 25.7 38.5



#67

Ethyl Benzene

Concen: 0.315 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX038638.D

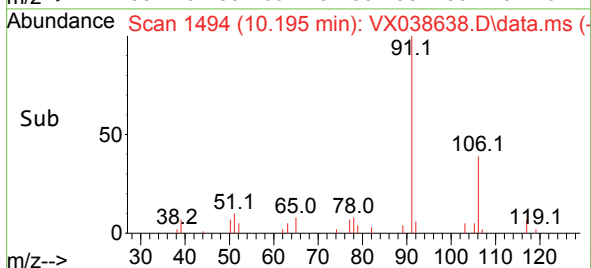
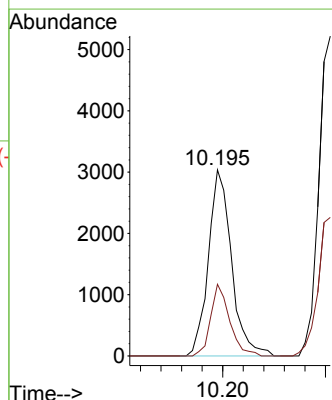
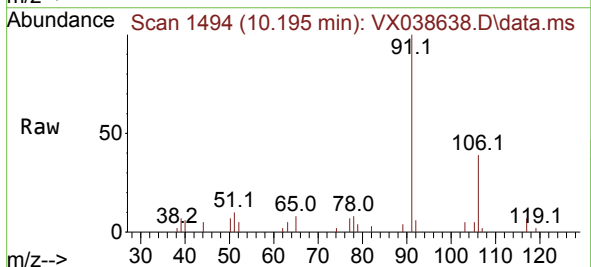
Acq: 07 Nov 2023 17:38

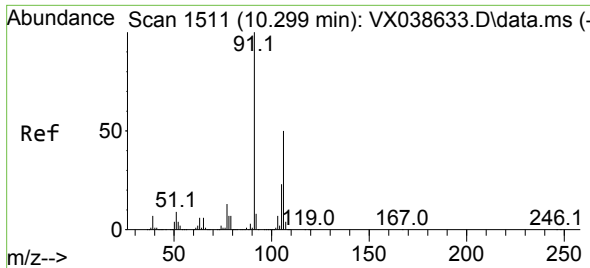
Tgt Ion: 91 Resp: 4750

Ion Ratio Lower Upper

91 100

106 38.5 24.9 37.3#

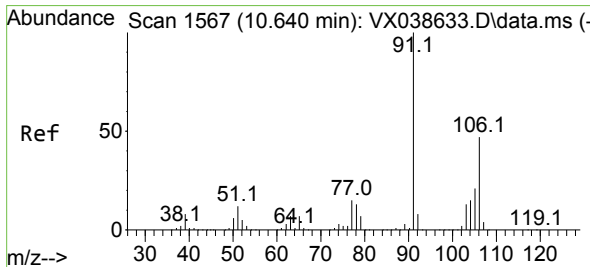
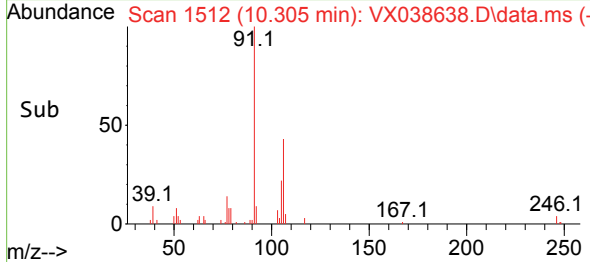
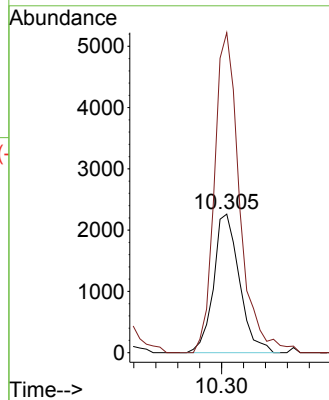
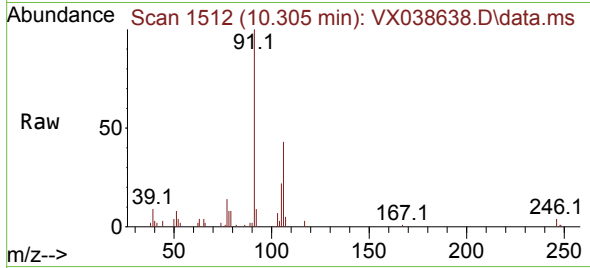




#68
m/p-Xylenes
Concen: 0.619 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX038638.D
Acq: 07 Nov 2023 17:38

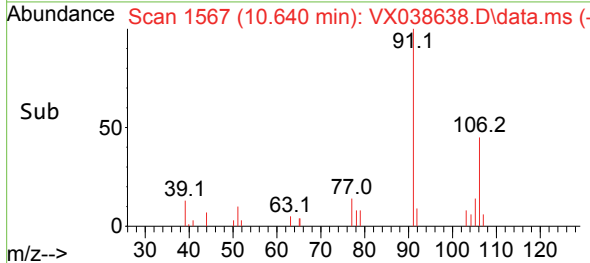
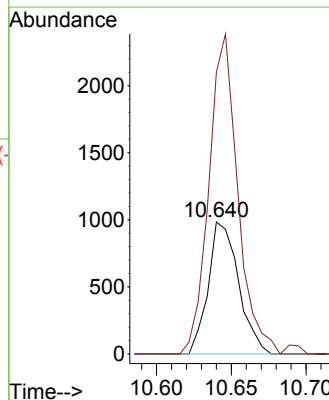
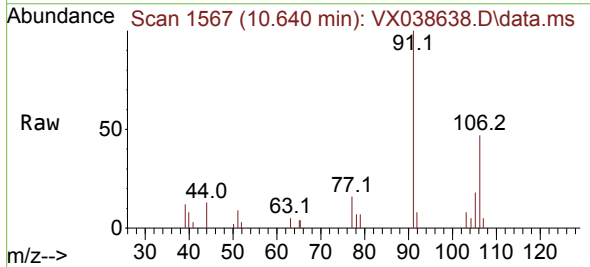
Instrument :
MSVOA_X
ClientSampleId :
IBLK

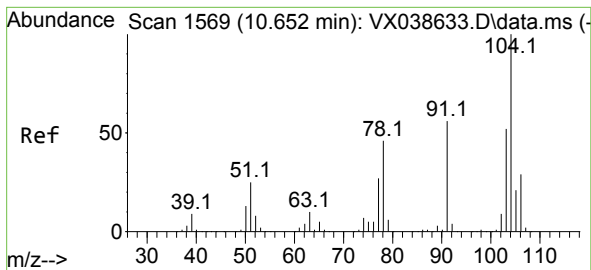
Tgt Ion:106 Resp: 3698
Ion Ratio Lower Upper
106 100
91 225.8 165.5 248.3



#69
o-Xylene
Concen: 0.238 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX038638.D
Acq: 07 Nov 2023 17:38

Tgt Ion:106 Resp: 1386
Ion Ratio Lower Upper
106 100
91 231.5 108.9 326.8





#70

Styrene

Concen: 0.236 ug/l

RT: 10.664 min Scan# 1571

Delta R.T. 0.012 min

Lab File: VX038638.D

Acq: 07 Nov 2023 17:38

Instrument :

MSVOA_X

ClientSampleId :

IBLK

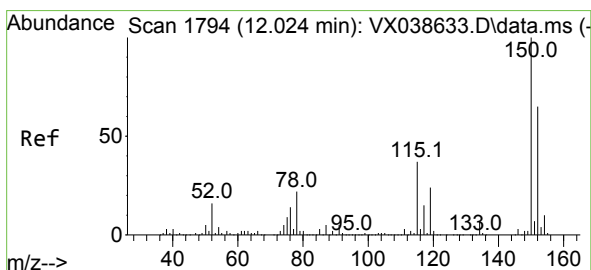
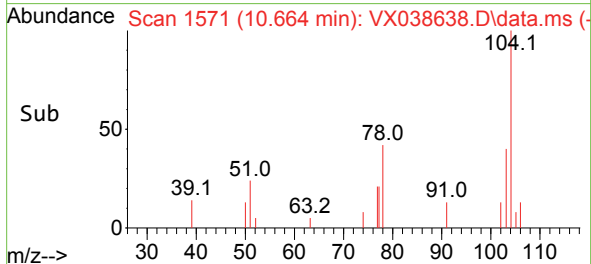
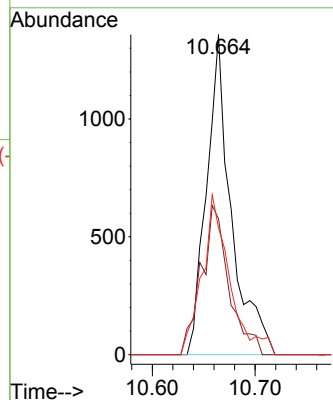
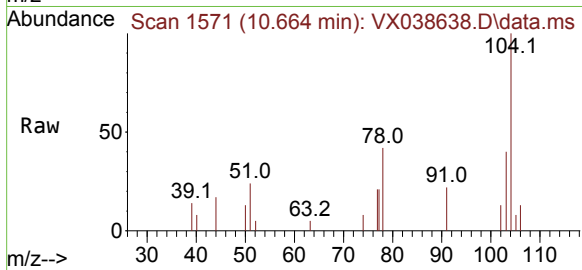
Tgt Ion:104 Resp: 2264

Ion Ratio Lower Upper

104 100

78 52.3 43.6 65.4

103 55.8 43.6 65.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX038638.D

Acq: 07 Nov 2023 17:38

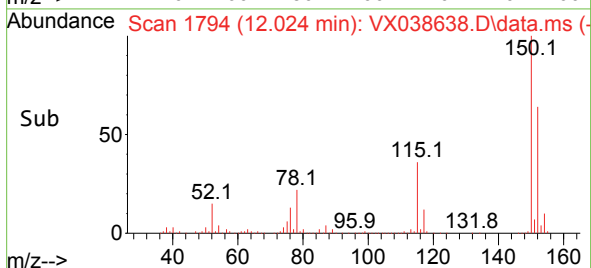
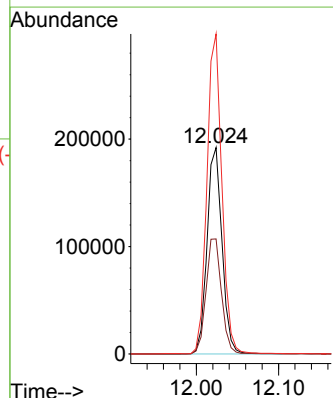
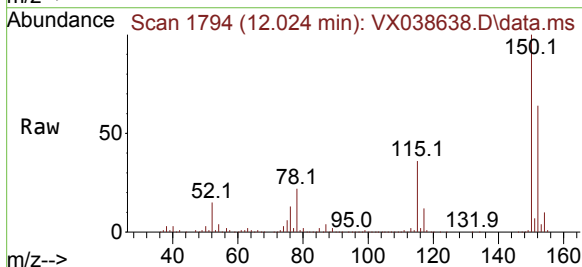
Tgt Ion:152 Resp: 243009

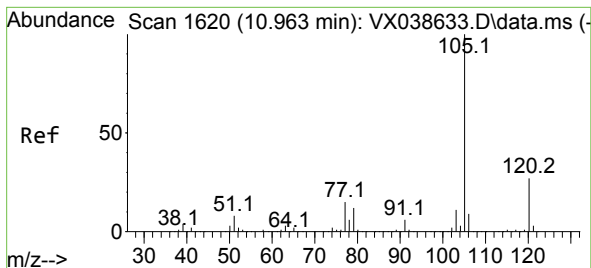
Ion Ratio Lower Upper

152 100

115 57.9 43.3 129.9

150 154.8 0.0 345.0





#73

Isopropylbenzene

Concen: 0.300 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX038638.D

Acq: 07 Nov 2023 17:38

Instrument :

MSVOA_X

ClientSampleId :

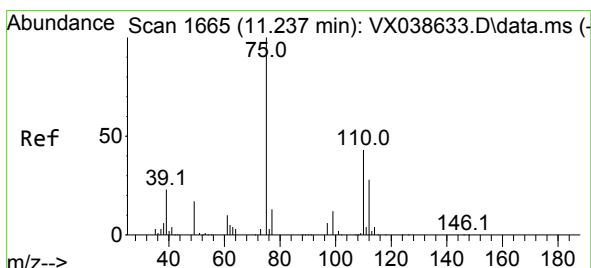
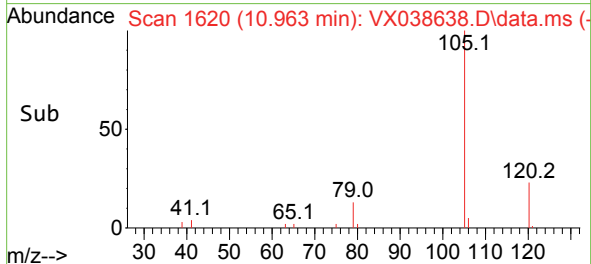
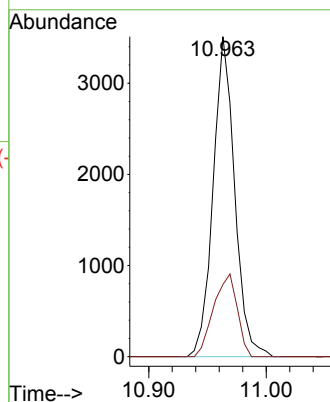
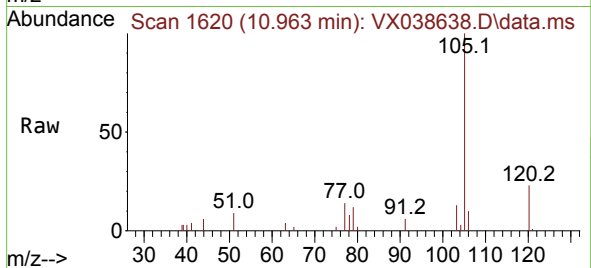
IBLK

Tgt Ion:105 Resp: 4480

Ion Ratio Lower Upper

105 100

120 28.2 12.9 38.6



#76

1,2,3-Trichloropropane

Concen: 21.449 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX038638.D

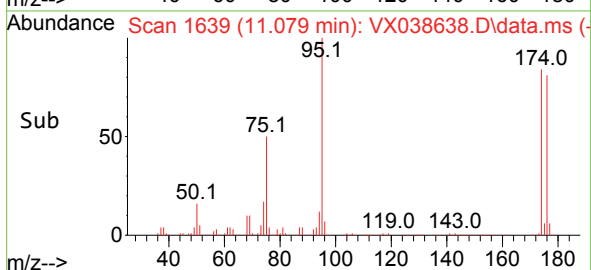
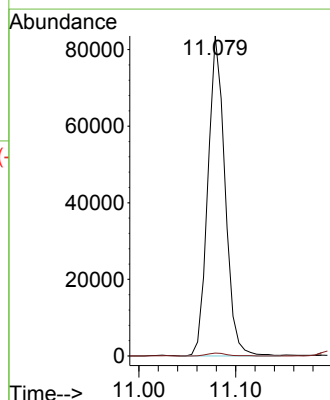
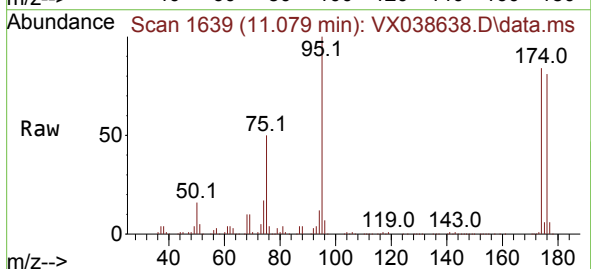
Acq: 07 Nov 2023 17:38

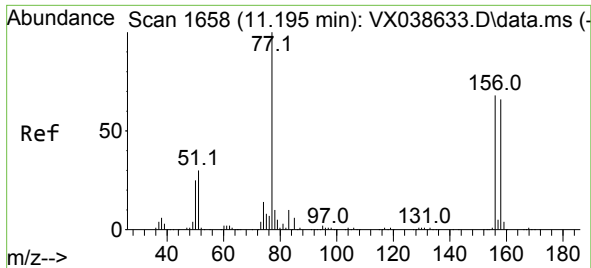
Tgt Ion: 75 Resp: 103229

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#

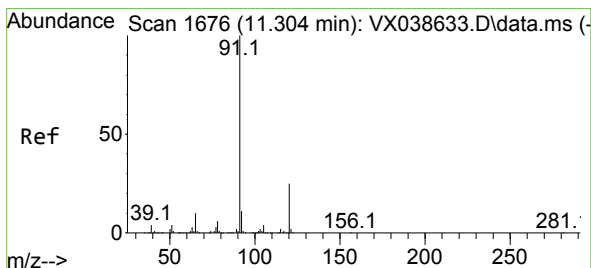
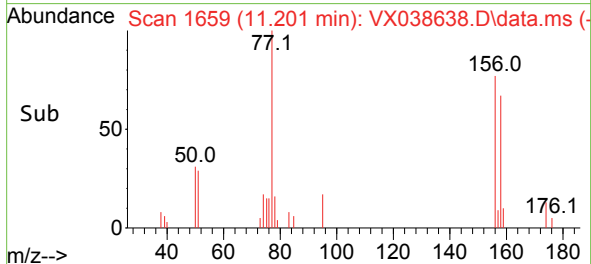
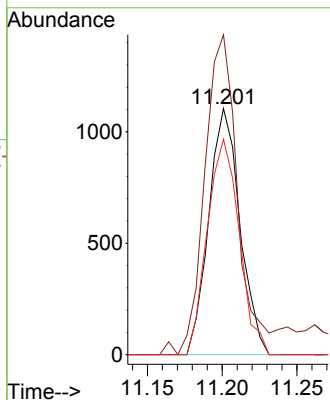
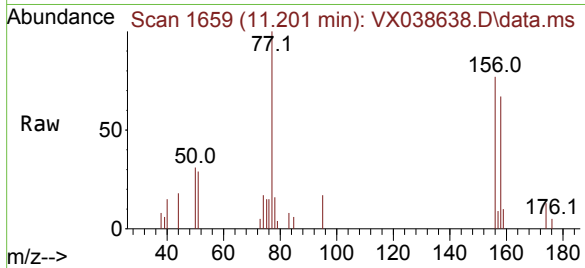




#77
Bromobenzene
Concen: 0.391 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VX038638.D
Acq: 07 Nov 2023 17:38

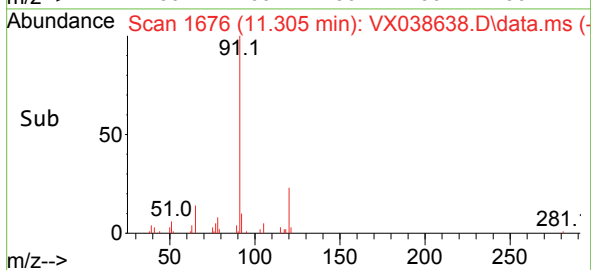
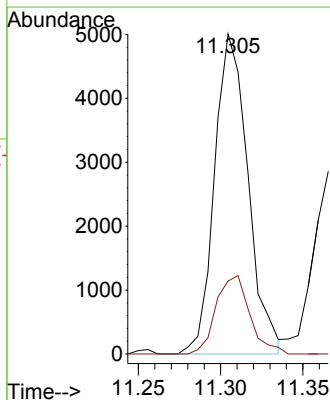
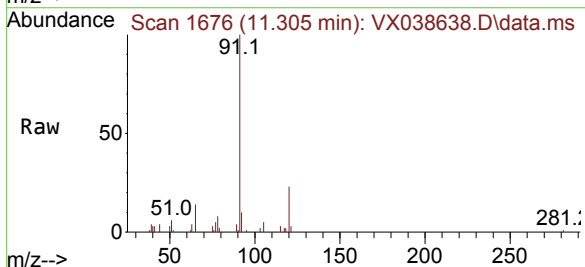
Instrument :
MSVOA_X
ClientSampleId :
IBLK

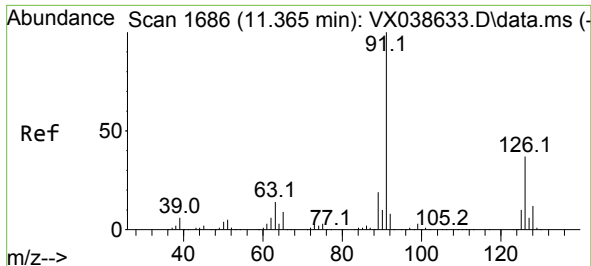
Tgt Ion:156 Resp: 1599
Ion Ratio Lower Upper
156 100
77 139.4 88.4 265.3
158 89.8 48.0 144.0



#78
n-propylbenzene
Concen: 0.409 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX038638.D
Acq: 07 Nov 2023 17:38

Tgt Ion: 91 Resp: 7090
Ion Ratio Lower Upper
91 100
120 24.7 11.5 34.4





#79

2-Chlorotoluene

Concen: 0.419 ug/l

RT: 11.365 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038638.D

Acq: 07 Nov 2023 17:38

Instrument :

MSVOA_X

ClientSampleId :

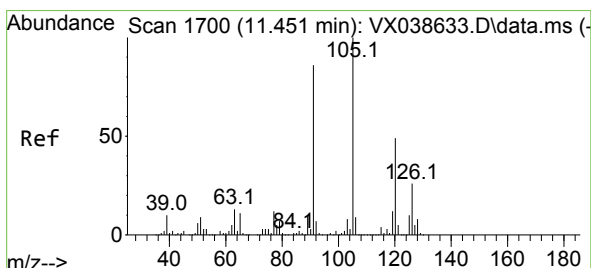
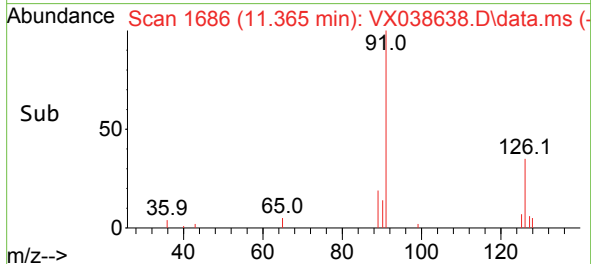
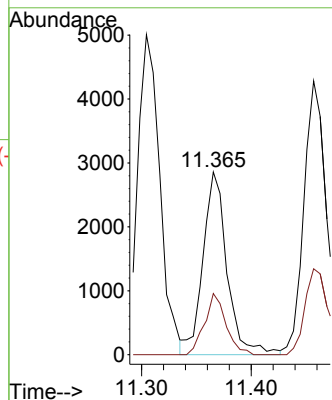
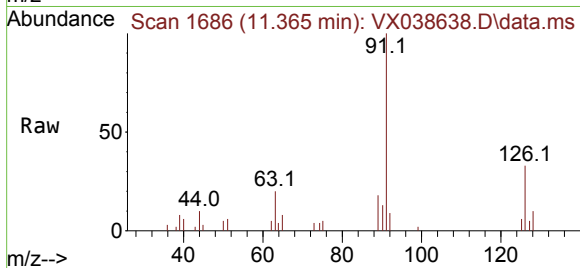
IBLK

Tgt Ion: 91 Resp: 4357

Ion Ratio Lower Upper

91 100

126 29.7 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 0.350 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX038638.D

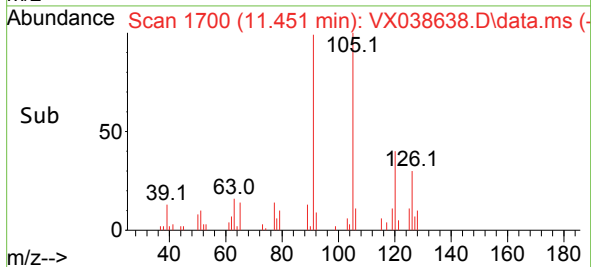
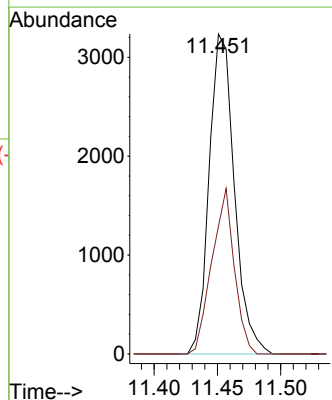
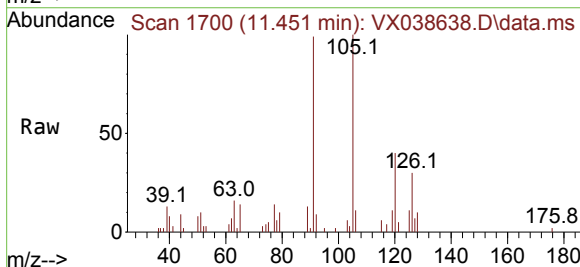
Acq: 07 Nov 2023 17:38

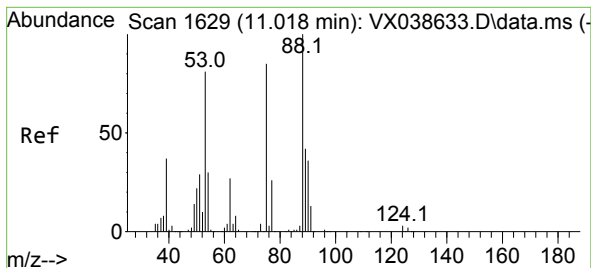
Tgt Ion: 105 Resp: 4487

Ion Ratio Lower Upper

105 100

120 46.0 24.1 72.3

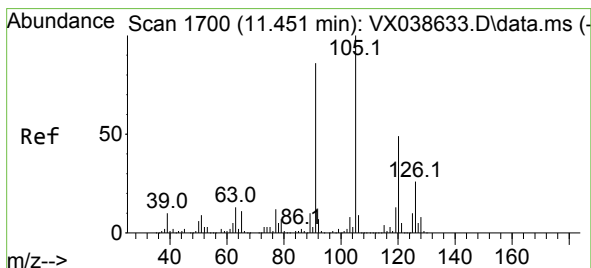
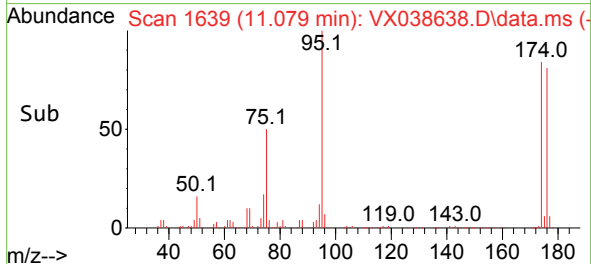
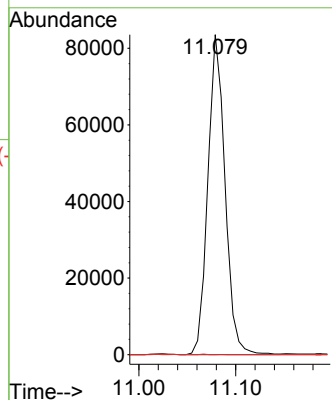
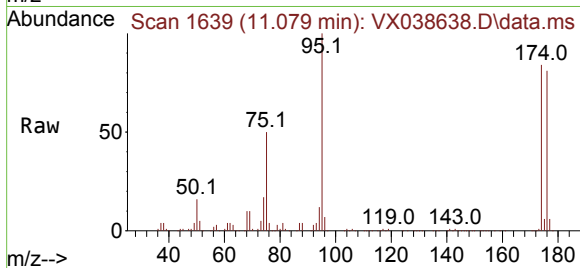




#81
trans-1,4-Dichloro-2-butene
Concen: 65.042 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX038638.D
Acq: 07 Nov 2023 17:38

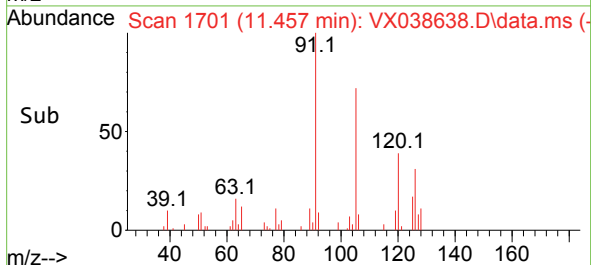
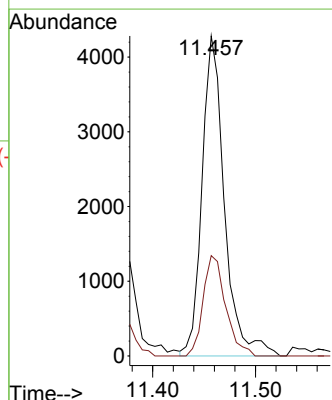
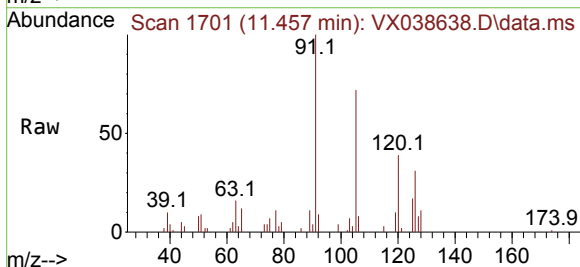
Instrument :
MSVOA_X
ClientSampleId :
IBLK

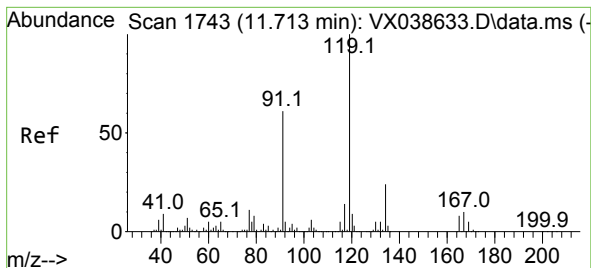
Tgt Ion: 75 Resp: 103229
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.1 36.9 55.3#



#82
4-Chlorotoluene
Concen: 0.535 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX038638.D
Acq: 07 Nov 2023 17:38

Tgt Ion: 91 Resp: 6490
Ion Ratio Lower Upper
91 100
126 31.5 14.2 42.6





#83

tert-Butylbenzene

Concen: 0.276 ug/l

RT: 11.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038638.D

Acq: 07 Nov 2023 17:38

Instrument :

MSVOA_X

ClientSampleId :

IBLK

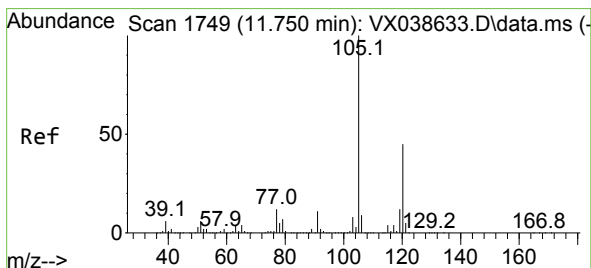
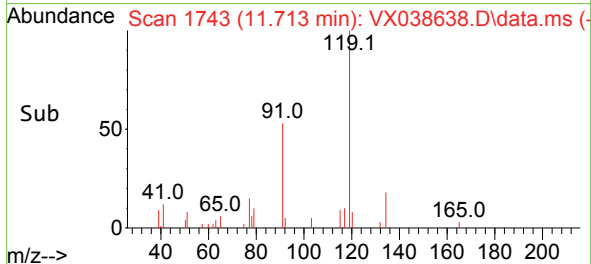
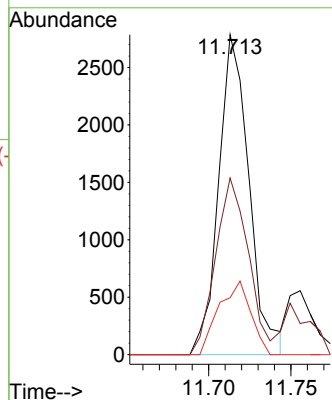
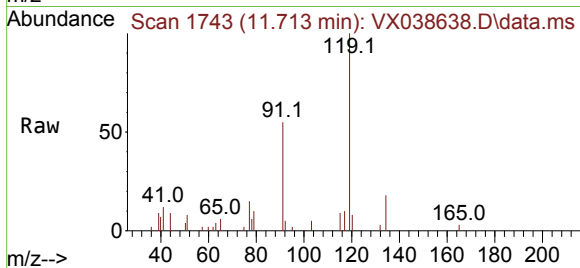
Tgt Ion:119 Resp: 3582

Ion Ratio Lower Upper

119 100

91 59.5 31.2 93.6

134 24.1 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 0.360 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VX038638.D

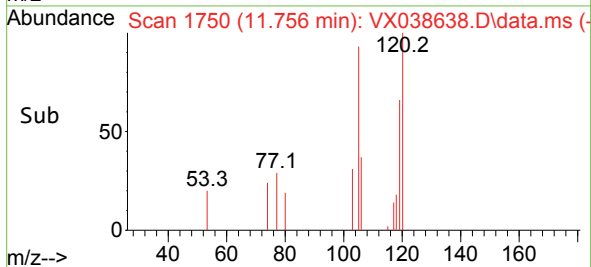
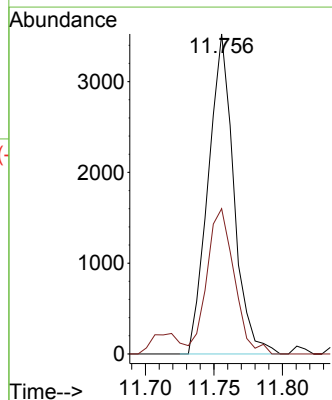
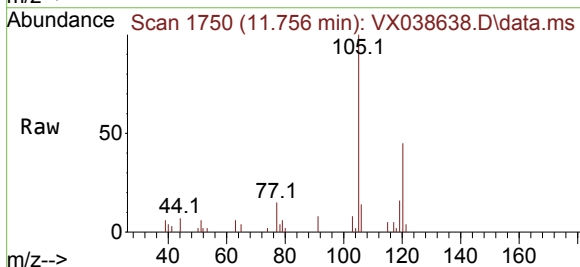
Acq: 07 Nov 2023 17:38

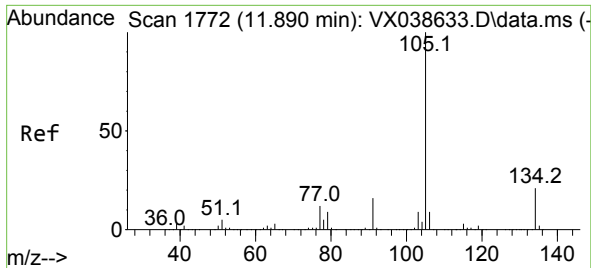
Tgt Ion:105 Resp: 4576

Ion Ratio Lower Upper

105 100

120 48.3 21.2 63.6

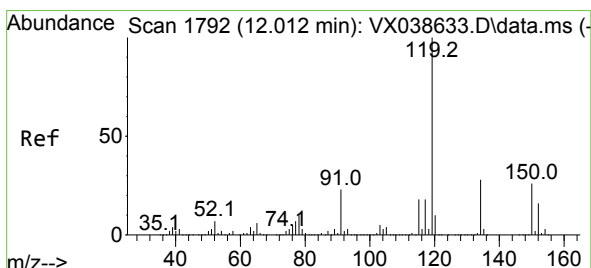
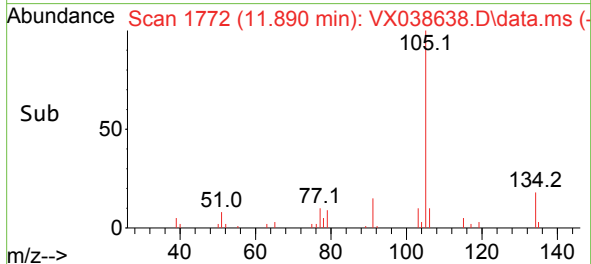
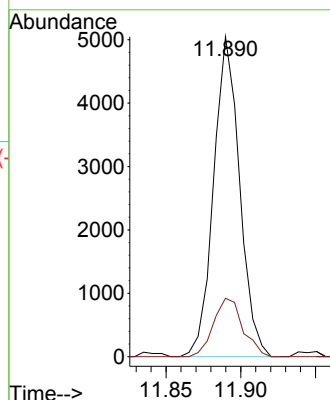
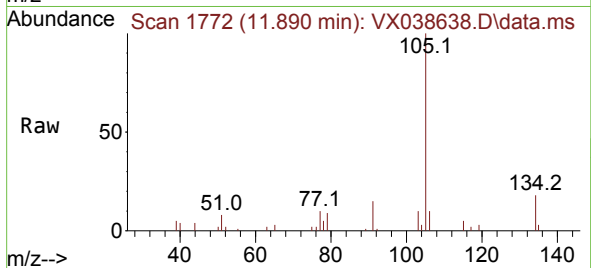




#85
 sec-Butylbenzene
 Concen: 0.376 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX038638.D
 Acq: 07 Nov 2023 17:38

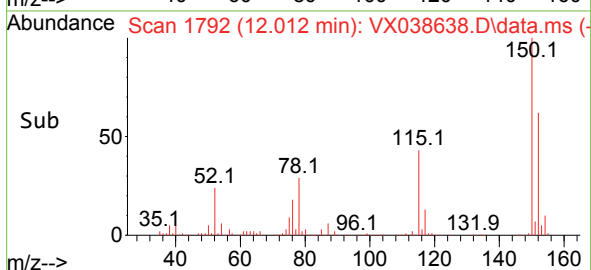
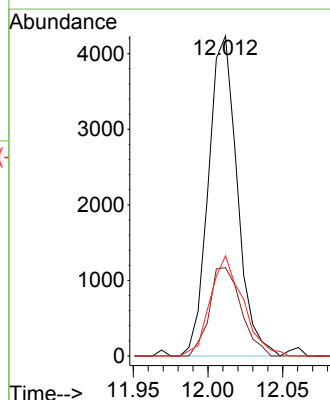
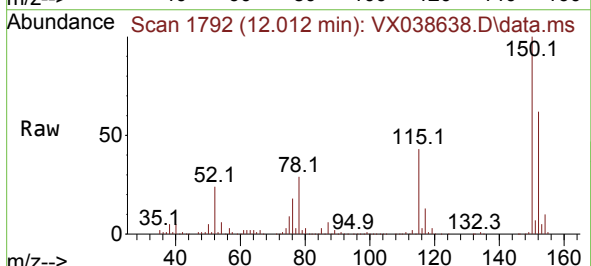
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

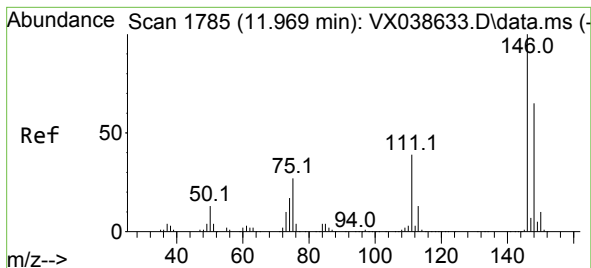
Tgt Ion:105 Resp: 6104
 Ion Ratio Lower Upper
 105 100
 134 20.6 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 0.411 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX038638.D
 Acq: 07 Nov 2023 17:38

Tgt Ion:119 Resp: 5686
 Ion Ratio Lower Upper
 119 100
 134 30.6 12.8 38.3
 91 35.7 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 0.617 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX038638.D

Acq: 07 Nov 2023 17:38

Instrument :

MSVOA_X

ClientSampleId :

IBLK

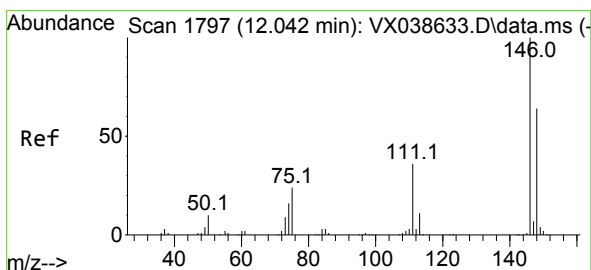
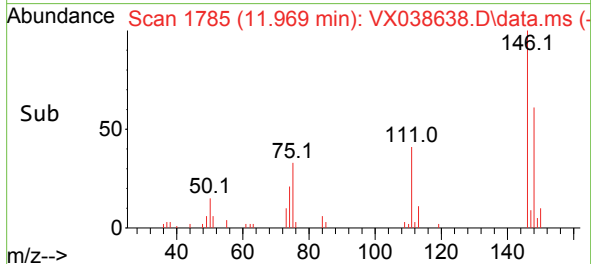
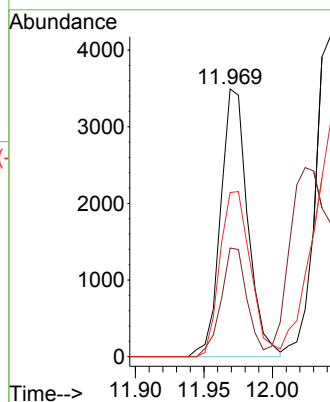
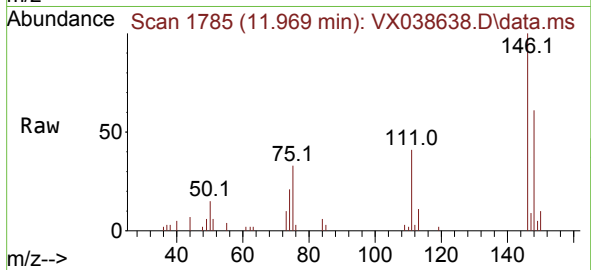
Tgt Ion:146 Resp: 4826

Ion Ratio Lower Upper

146 100

111 38.9 22.1 66.1

148 69.7 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 0.600 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.073 min

Lab File: VX038638.D

Acq: 07 Nov 2023 17:38

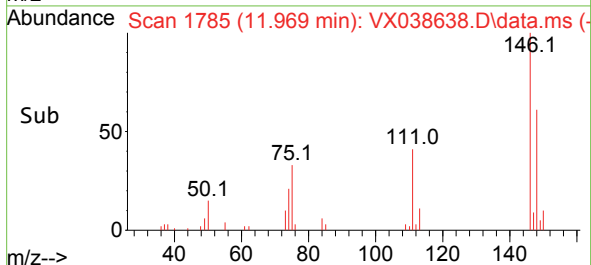
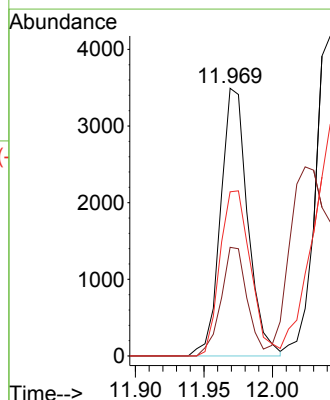
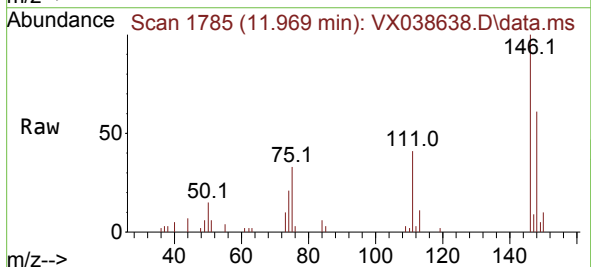
Tgt Ion:146 Resp: 4826

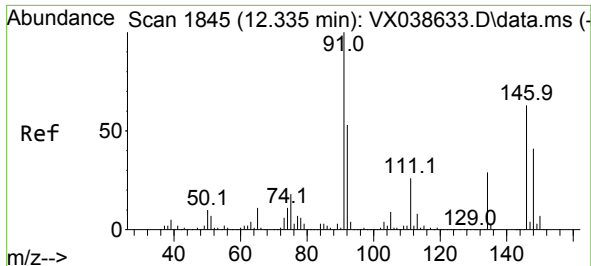
Ion Ratio Lower Upper

146 100

111 38.9 21.3 63.7

148 69.7 31.8 95.4





#89

n-Butylbenzene

Concen: 0.632 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX038638.D

Acq: 07 Nov 2023 17:38

Instrument :

MSVOA_X

ClientSampleId :

IBLK

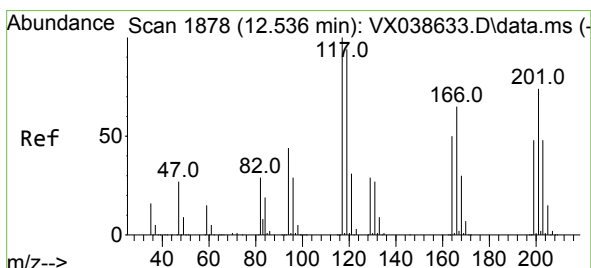
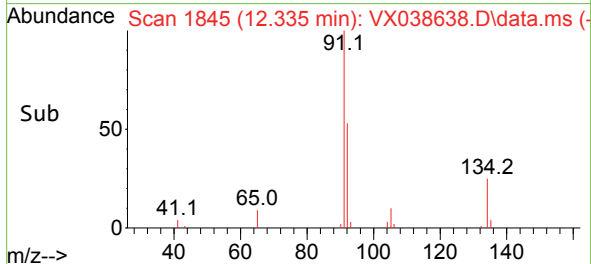
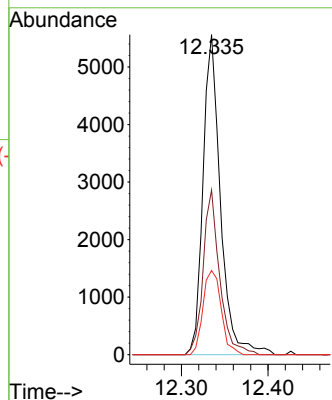
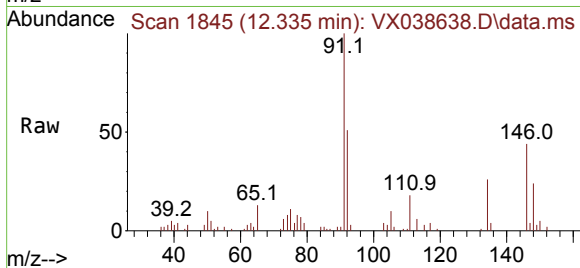
Tgt Ion: 91 Resp: 7772

Ion Ratio Lower Upper

91 100

92 48.9 27.4 82.0

134 27.4 12.6 37.8



#90

Hexachloroethane

Concen: 0.246 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX038638.D

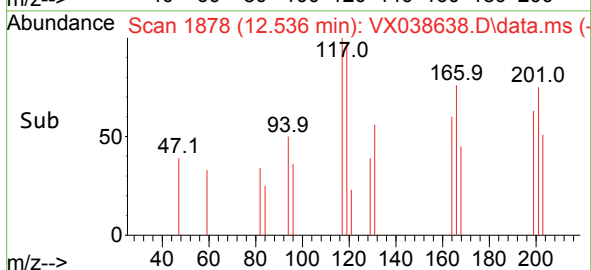
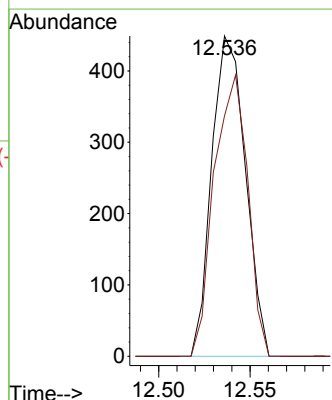
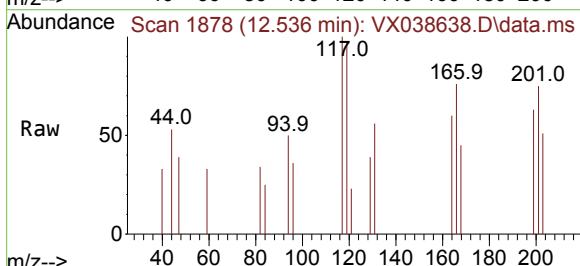
Acq: 07 Nov 2023 17:38

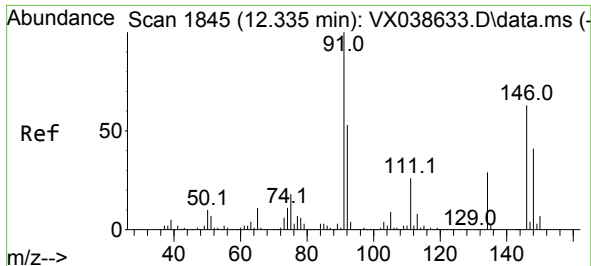
Tgt Ion: 117 Resp: 576

Ion Ratio Lower Upper

117 100

201 87.5 32.9 98.6

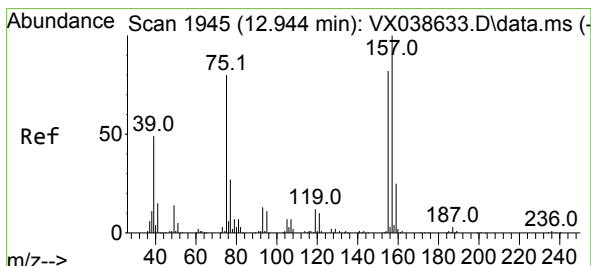
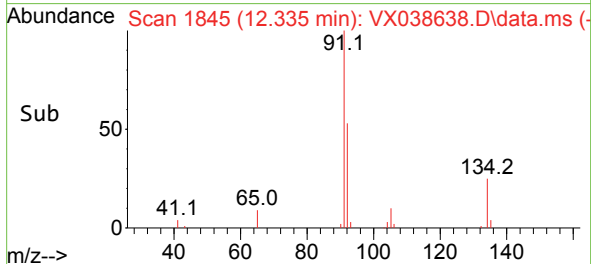
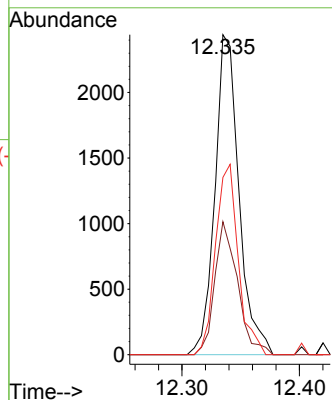
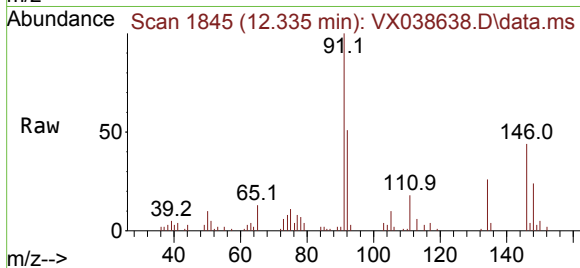




#91
1,2-Dichlorobenzene
Concen: 0.455 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038638.D
Acq: 07 Nov 2023 17:38

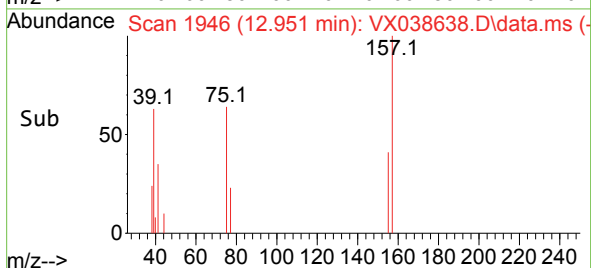
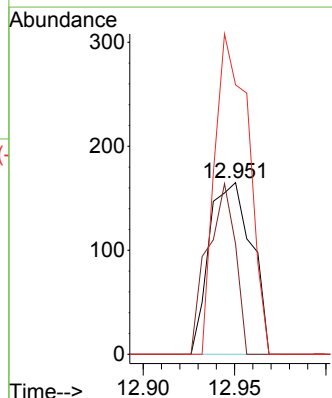
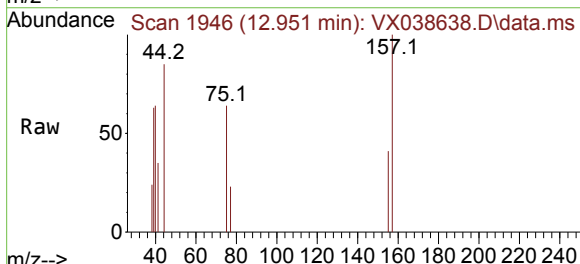
Instrument :
MSVOA_X
ClientSampleId :
IBLK

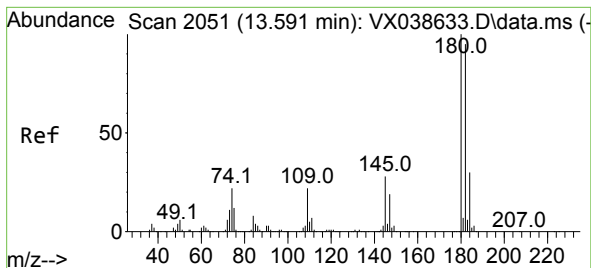
Tgt Ion:146 Resp: 3474
Ion Ratio Lower Upper
146 100
111 39.6 22.4 67.0
148 56.2 31.6 95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.205 ug/l
RT: 12.951 min Scan# 1946
Delta R.T. 0.006 min
Lab File: VX038638.D
Acq: 07 Nov 2023 17:38

Tgt Ion: 75 Resp: 266
Ion Ratio Lower Upper
75 100
155 65.0 36.1 108.5
157 148.5 44.9 134.7#





#93

1,2,4-Trichlorobenzene

Concen: 1.170 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX038638.D

Acq: 07 Nov 2023 17:38

Instrument :

MSVOA_X

ClientSampleId :

IBLK

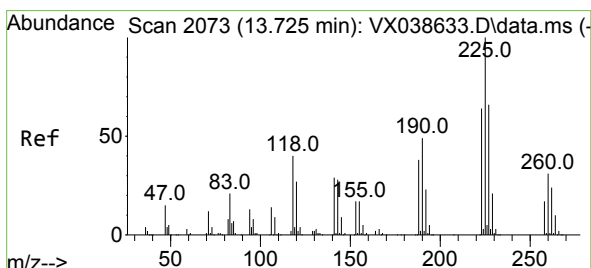
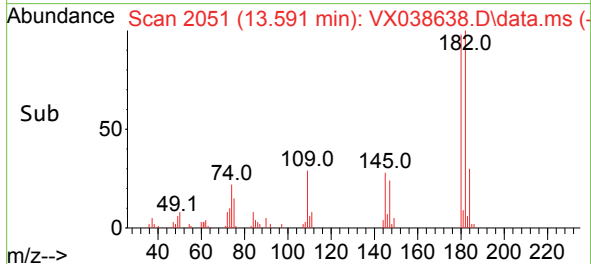
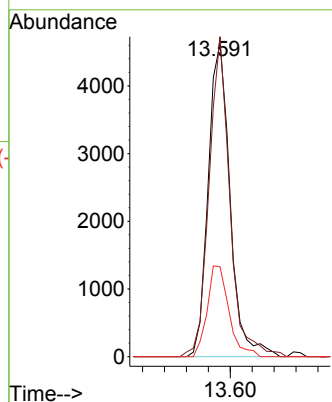
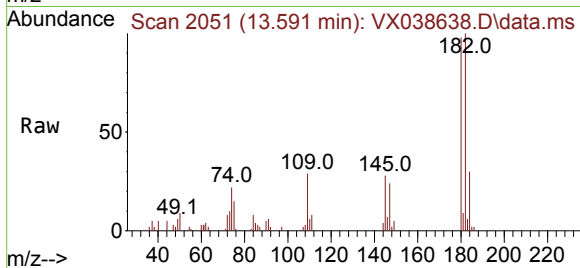
Tgt Ion:180 Resp: 6394

Ion Ratio Lower Upper

180 100

182 96.9 48.3 144.8

145 28.8 18.0 54.0



#94

Hexachlorobutadiene

Concen: 1.603 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX038638.D

Acq: 07 Nov 2023 17:38

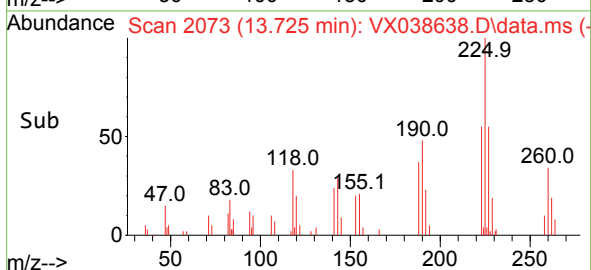
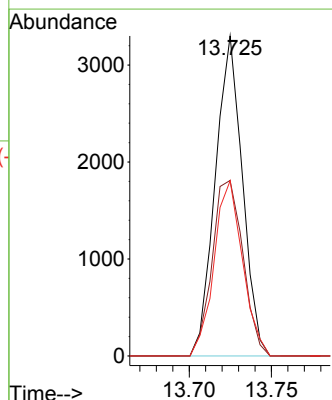
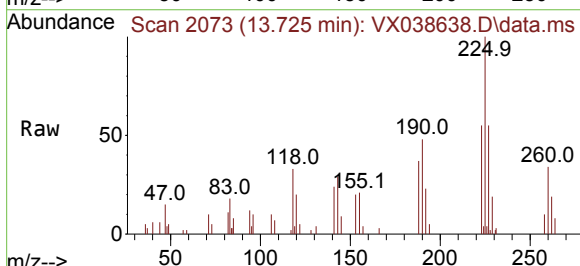
Tgt Ion:225 Resp: 3780

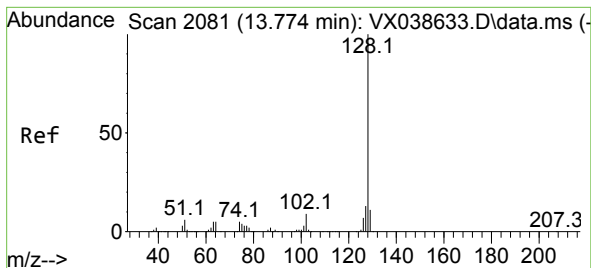
Ion Ratio Lower Upper

225 100

223 62.4 31.1 93.2

227 57.6 32.5 97.5





#95

Naphthalene

Concen: 0.883 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX038638.D

Acq: 07 Nov 2023 17:38

Instrument :

MSVOA_X

ClientSampleId :

IBLK

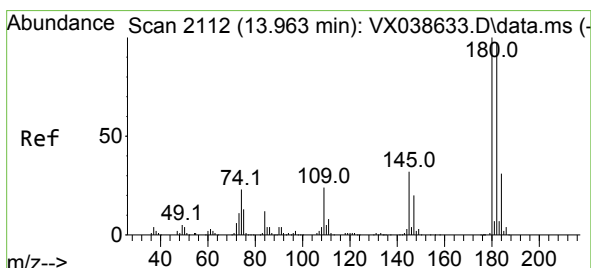
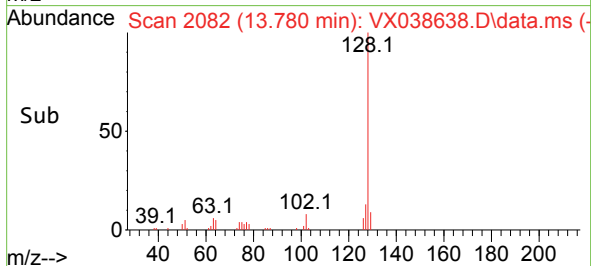
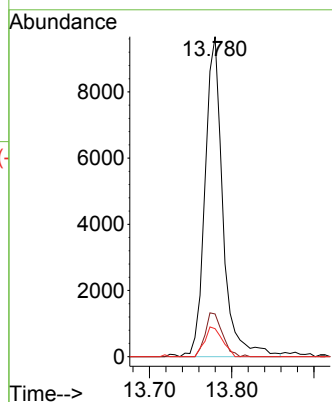
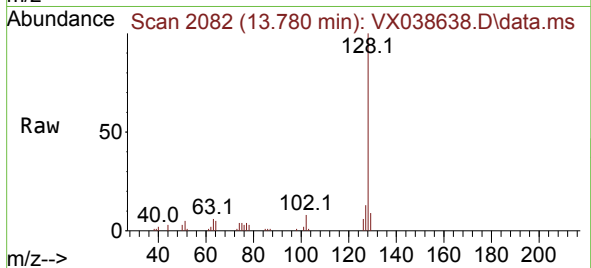
Tgt Ion:128 Resp: 14558

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

129 9.2 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 1.087 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX038638.D

Acq: 07 Nov 2023 17:38

Tgt Ion:180 Resp: 5857

Ion Ratio Lower Upper

180 100

182 92.9 46.9 140.6

145 31.1 17.8 53.5

