

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071223\
 Data File : VX036509.D
 Acq On : 12 Jul 2023 15:53
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VIBLK630

Quant Time: Jul 13 01:38:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML071223WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 13 01:12:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	237096	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	215839	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	108531	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	88837	52.529	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.060%
7) Chloroethane-d5	1.666	69	81685	43.961	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.920%
11) 1,1-Dichloroethene-d2	2.306	65	35726	49.509	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.020%
21) 2-Butanone-d5	4.446	46	157257	133.140	ug/L	-0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	133.140%#
24) Chloroform-d	5.050	84	168544	54.879	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.760%
26) 1,2-Dichloroethane-d4	5.952	65	122488	58.393	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	116.780%
32) Benzene-d6	5.964	84	333713	54.613	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.220%
36) 1,2-Dichloropropane-d6	7.306	67	110653	57.127	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	114.260%
41) Toluene-d8	8.647	98	309489	53.055	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.120%
43) trans-1,3-Dichloroprop...	8.945	79	53007	57.478	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	114.960%
47) 2-Hexanone-d5	9.384	63	113131	132.792	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	132.790%#
56) 1,1,2,2-Tetrachloroeth...	11.189	84	160100	62.825	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	125.660%#
66) 1,2-Dichlorobenzene-d4	12.317	152	112831	54.727	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.460%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	90178	54.529	ug/L	99
3) Chloromethane	1.294	50	111421	56.988	ug/L	99
5) Vinyl chloride	1.374	62	108879	53.687	ug/L	100
6) Bromomethane	1.605	94	102233	53.351	ug/L	100
8) Chloroethane	1.685	64	74445	50.133	ug/L	96
9) Trichlorofluoromethane	1.886	101	173074	53.932	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	84231	55.417	ug/L	100
12) 1,1-Dichloroethene	2.319	96	76569	51.516	ug/L	97
13) Acetone	2.380	43	102196	114.088	ug/L	99
14) Carbon disulfide	2.508	76	208529	52.311	ug/L	100
15) Methyl Acetate	2.703	43	117245	65.833	ug/L	99
16) Methylene chloride	2.788	84	93615	57.082	ug/L	99
17) trans-1,2-Dichloroethene	3.087	96	80841	54.000	ug/L	93
18) Methyl tert-butyl Ether	3.111	73	323970	62.244	ug/L	100
19) 1,1-Dichloroethane	3.605	63	163741	55.901	ug/L	98
20) cis-1,2-Dichloroethene	4.483	96	99778	57.027	ug/L	98
22) 2-Butanone	4.550	43	162861	125.016	ug/L	99
23) Bromochloromethane	4.891	128	52930	60.521	ug/L	91
25) Chloroform	5.086	83	182319	59.270	ug/L	99

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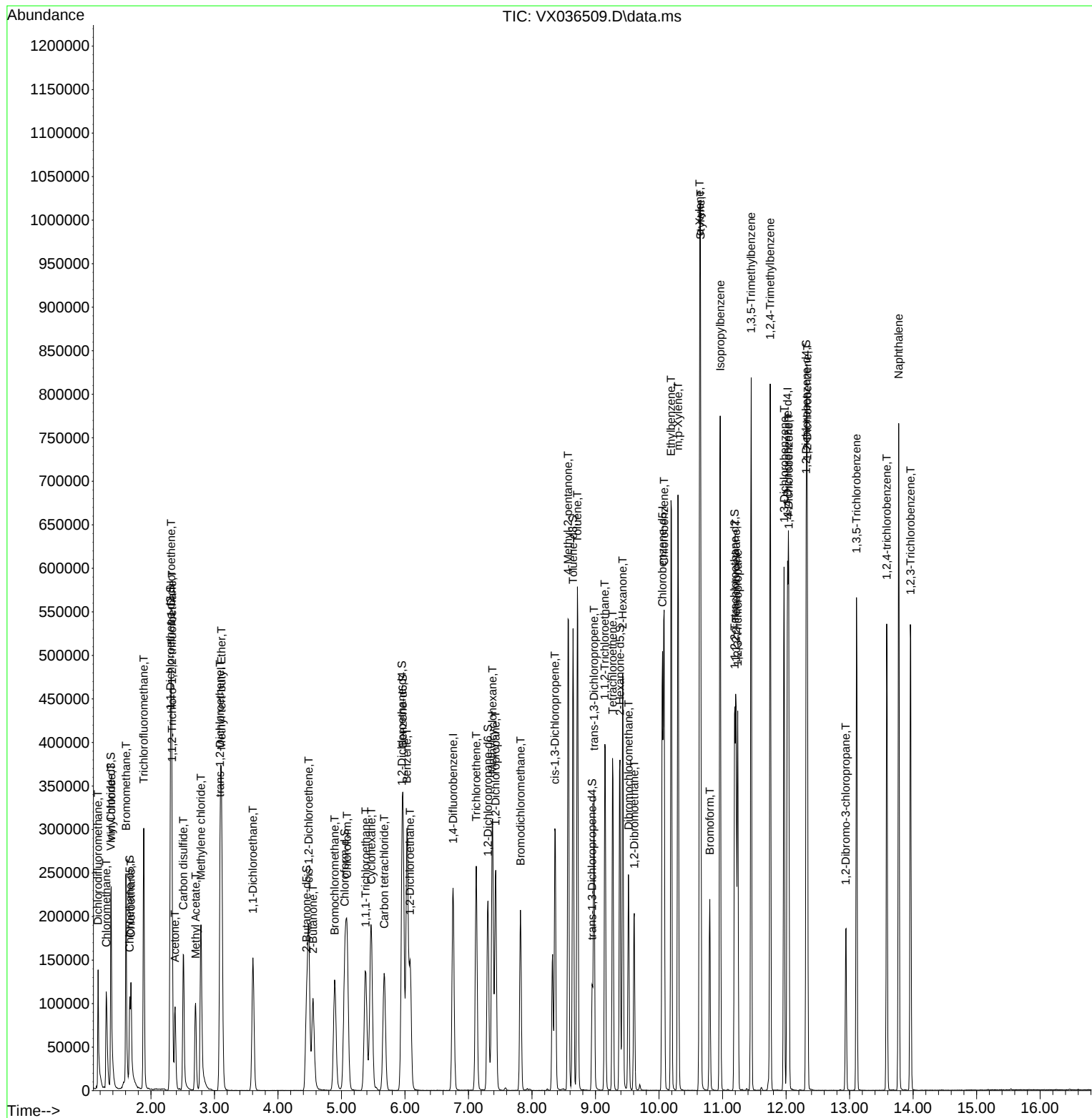
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	151065	62.084	ug/L	100
29) Cyclohexane	5.470	56	131693	55.180	ug/L	99
30) 1,1,1-Trichloroethane	5.379	97	135849	54.157	ug/L	100
31) Carbon tetrachloride	5.672	117	113825	54.146	ug/L	100
33) Benzene	6.031	78	355795	56.454	ug/L	100
34) Trichloroethene	7.123	95	92270	53.678	ug/L	92
35) Methylcyclohexane	7.379	83	144390	57.675	ug/L	99
37) 1,2-Dichloropropane	7.427	63	100320	57.897	ug/L	99
38) Bromodichloromethane	7.818	83	128247	59.355	ug/L	94
39) cis-1,3-Dichloropropene	8.360	75	157851	57.816	ug/L	96
40) 4-Methyl-2-pentanone	8.567	43	323084	133.776	ug/L	100
42) Toluene	8.714	91	368563	54.968	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	149367	59.413	ug/L	99
45) 1,1,2-Trichloroethane	9.147	97	103395	62.784	ug/L	97
46) Tetrachloroethene	9.269	164	67543	55.301	ug/L	98
48) 2-Hexanone	9.427	43	250130	132.529	ug/L	99
49) Dibromochloromethane	9.519	129	102957	62.274	ug/L	97
50) 1,2-Dibromoethane	9.610	107	111239	63.015	ug/L	99
51) Chlorobenzene	10.079	112	240578	55.185	ug/L	100
52) Ethylbenzene	10.189	91	399011	54.074	ug/L	99
53) m,p-Xylene	10.299	106	156504	55.586	ug/L	97
54) o-Xylene	10.640	106	155242	55.596	ug/L	100
55) Styrene	10.652	104	260368	55.932	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	163125	63.766	ug/L	97
59) Bromoform	10.799	173	74492	62.796	ug/L	99
60) Isopropylbenzene	10.963	105	402666	55.192	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	131531	64.197	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	341927	56.075	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	337998	55.262	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	181763	55.688	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	183235	55.604	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	186459	57.578	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.939	75	36128	66.173	ug/L	86
69) 1,3,5-Trichlorobenzene	13.109	180	127396	58.822	ug/L	100
70) 1,2,4-trichlorobenzene	13.585	180	118918	58.201	ug/L	98
71) Naphthalene	13.774	128	445084	63.845	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	121562	61.063	ug/L	99

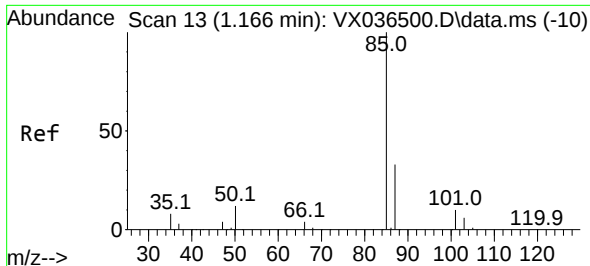
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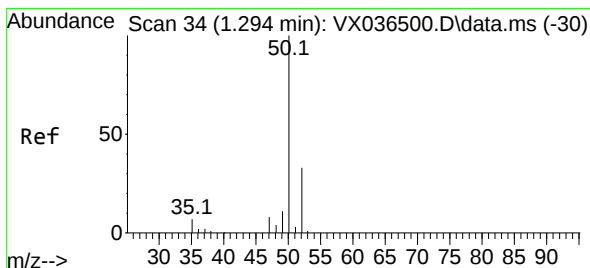
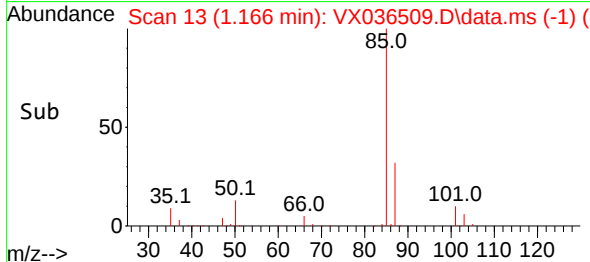
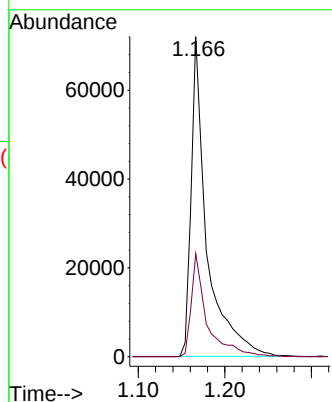
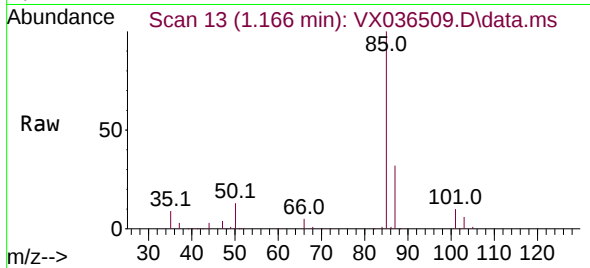




#2
Dichlorodifluoromethane
Concen: 54.529 ug/L
RT: 1.166 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036509.D
Acq: 12 Jul 2023 15:53

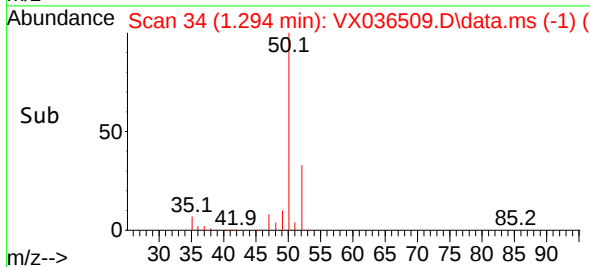
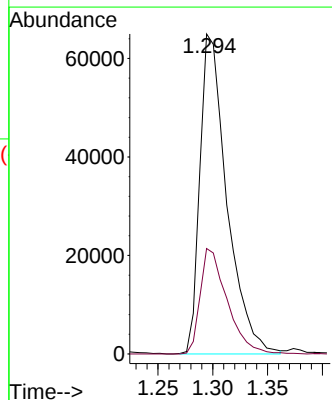
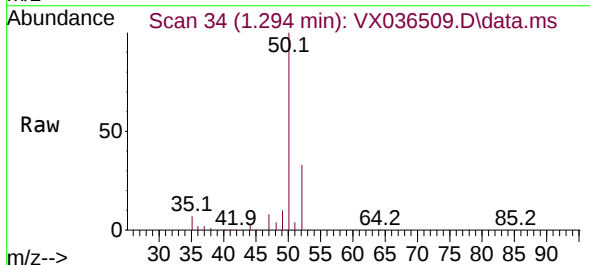
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MSVOA_X
ClientSampleId :
VIBLK630

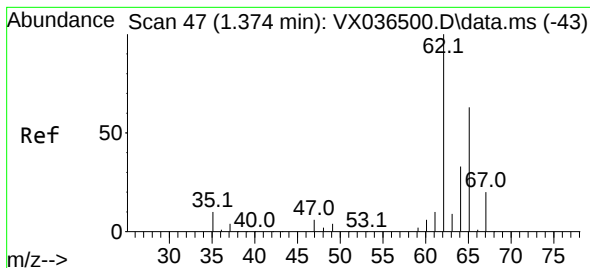
Tgt Ion: 85 Resp: 90178
Ion Ratio Lower Upper
85 100
87 32.6 26.3 39.5



#3
Chloromethane
Concen: 56.988 ug/L
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX036509.D
Acq: 12 Jul 2023 15:53

Tgt Ion: 50 Resp: 111421
Ion Ratio Lower Upper
50 100
52 33.0 22.8 42.4





#5

Vinyl chloride

Concen: 53.687 ug/L

RT: 1.374 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX036509.D

Acq: 12 Jul 2023 15:53

Instrument :

MSVOA_X

ClientSampleId :

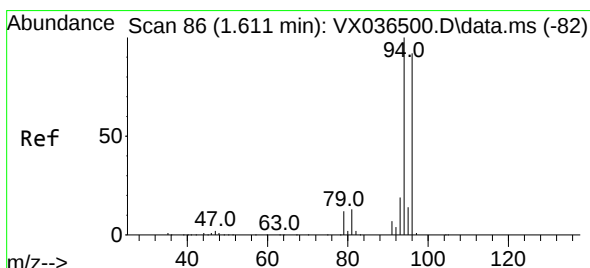
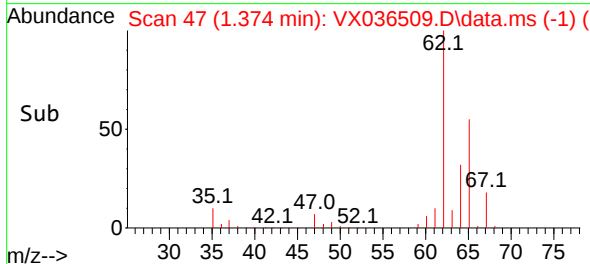
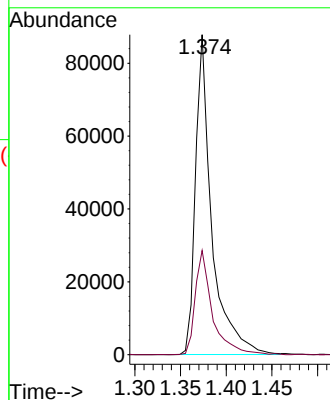
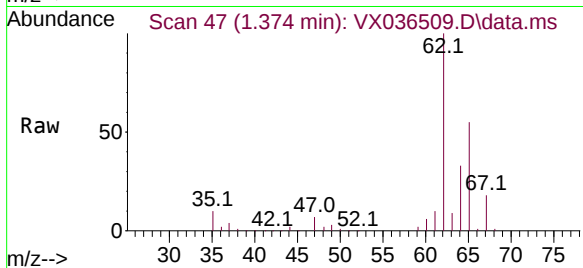
VIBLK630

Tgt Ion: 62 Resp: 108879

Ion Ratio Lower Upper

62 100

64 32.5 22.8 42.4



#6

Bromomethane

Concen: 53.351 ug/L

RT: 1.605 min Scan# 85

Delta R.T. -0.006 min

Lab File: VX036509.D

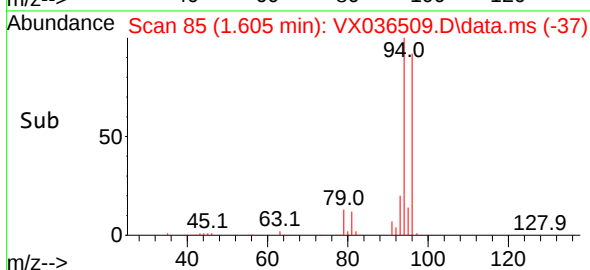
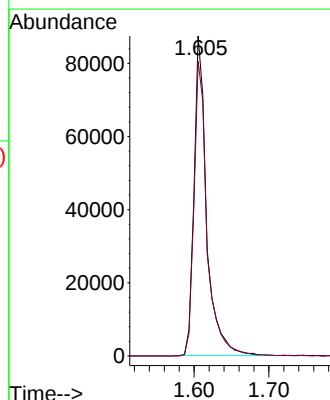
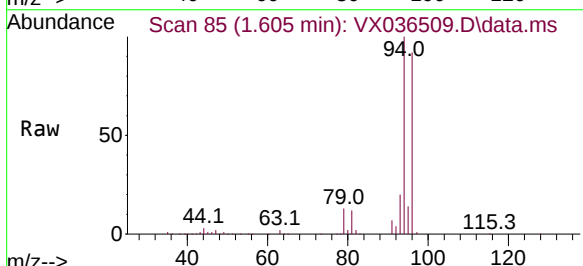
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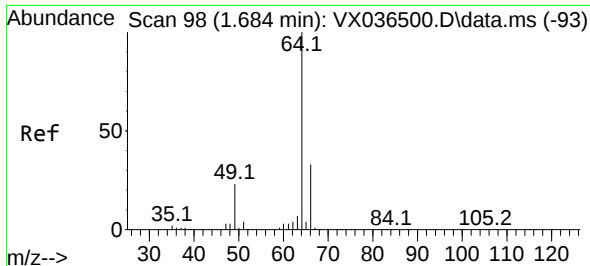
Tgt Ion: 94 Resp: 102233

Ion Ratio Lower Upper

94 100

96 92.1 64.5 119.7

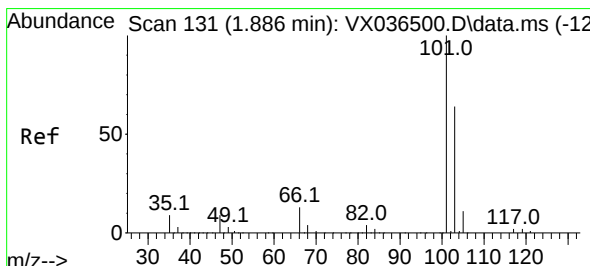
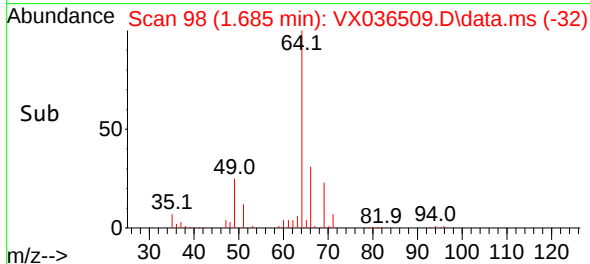
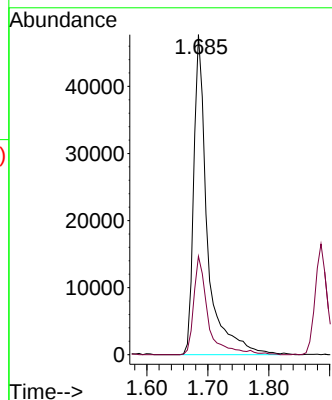
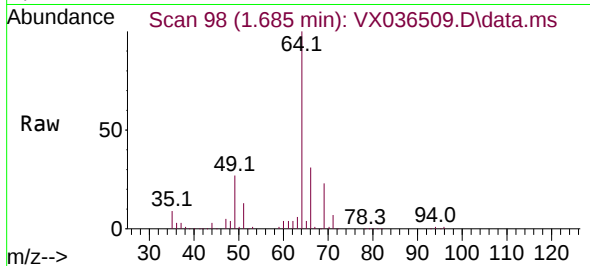




#8
Chloroethane
Concen: 50.133 ug/L
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX036509.D
Acq: 12 Jul 2023 15:53

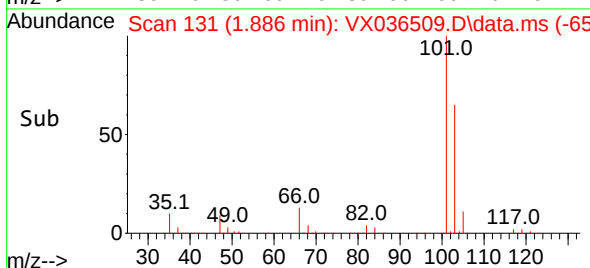
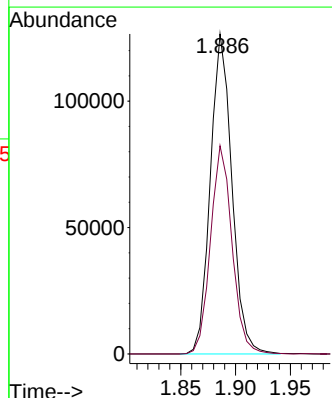
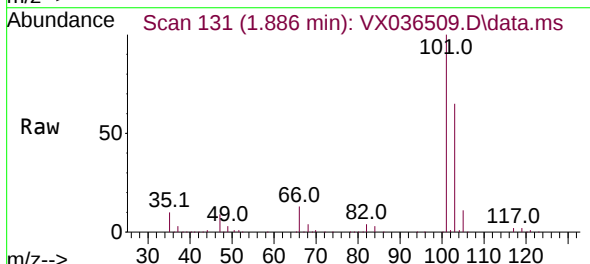
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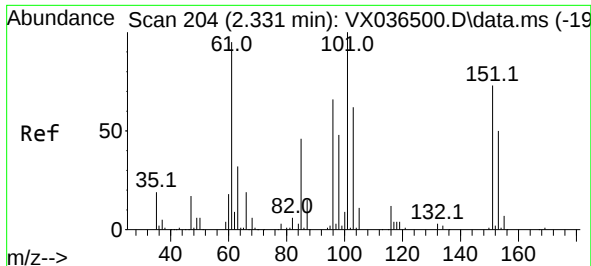
Tgt Ion: 64 Resp: 74445
Ion Ratio Lower Upper
64 100
66 30.8 23.0 42.8



#9
Trichlorofluoromethane
Concen: 53.932 ug/L
RT: 1.886 min Scan# 131
Delta R.T. 0.000 min
Lab File: VX036509.D
Acq: 12 Jul 2023 15:53

Tgt Ion: 101 Resp: 173074
Ion Ratio Lower Upper
101 100
103 64.9 51.7 77.5

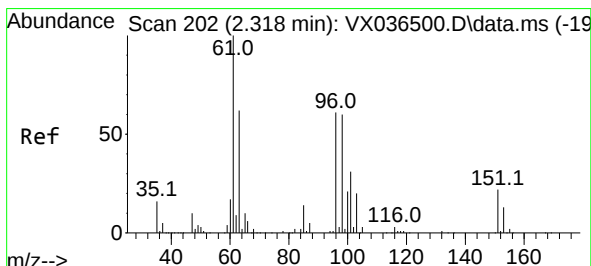
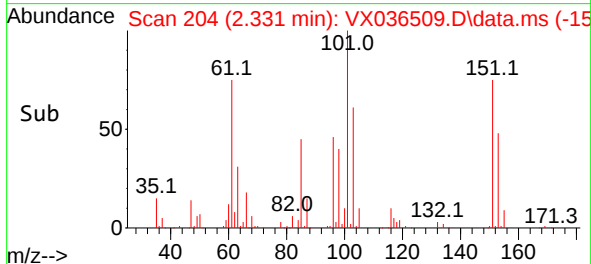
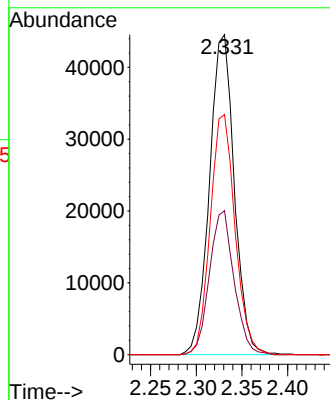
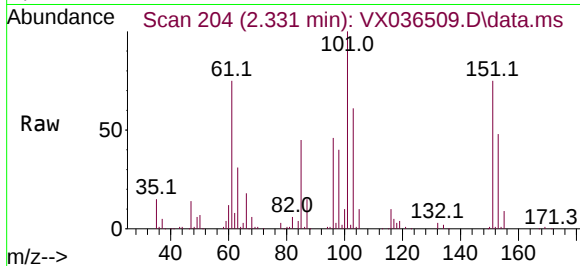




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 55.417 ug/L
 RT: 2.331 min Scan# 204
 Delta R.T. 0.000 min
 Lab File: VX036509.D
 Acq: 12 Jul 2023 15:53

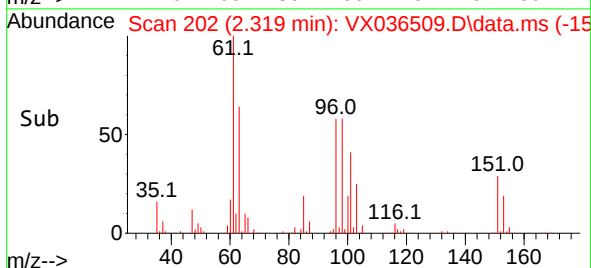
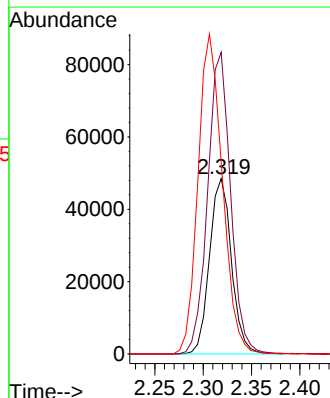
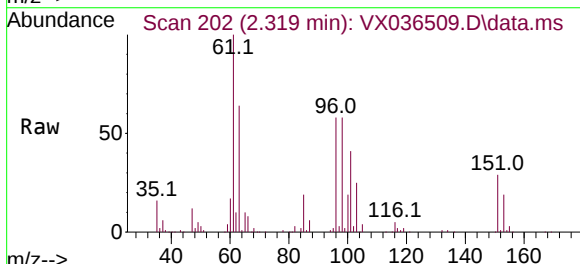
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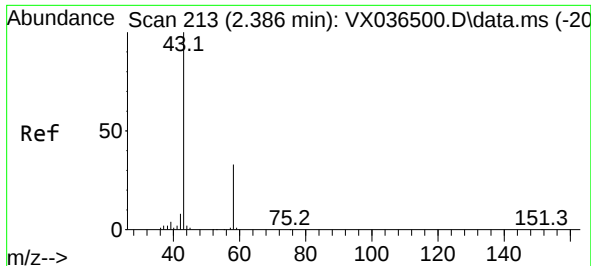
Tgt Ion:101 Resp: 84231
 Ion Ratio Lower Upper
 101 100
 85 44.5 35.8 53.8
 151 74.8 59.8 89.6



#12
 1,1-Dichloroethene
 Concen: 51.516 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX036509.D
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Tgt Ion: 96 Resp: 76569
 Ion Ratio Lower Upper
 96 100
 61 172.0 115.3 214.1
 63 109.6 76.3 141.7

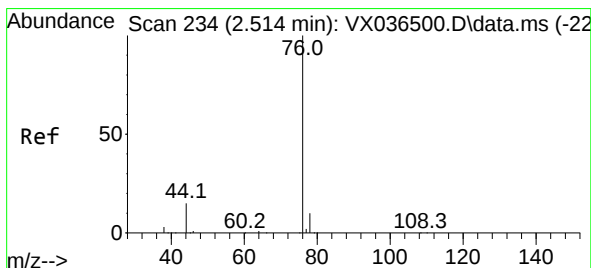
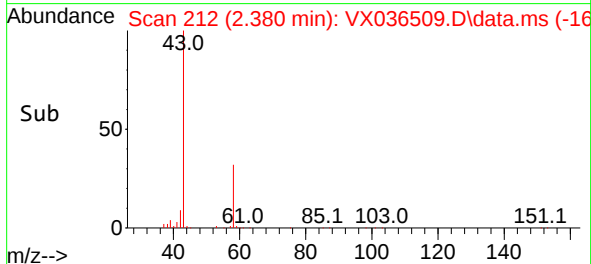
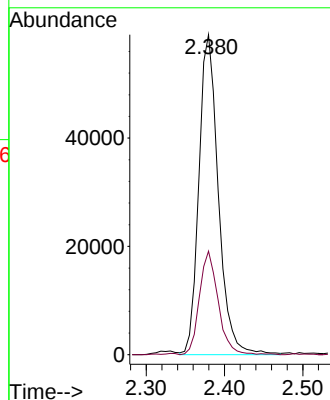
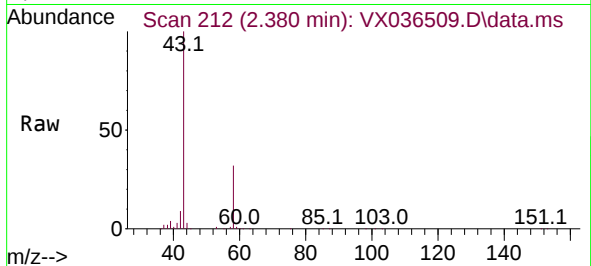




#13
Acetone
Concen: 114.088 ug/L
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX036509.D
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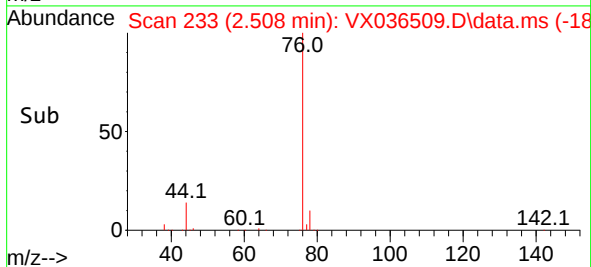
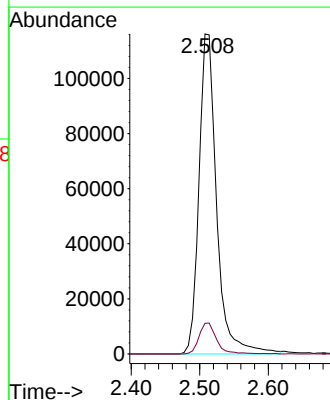
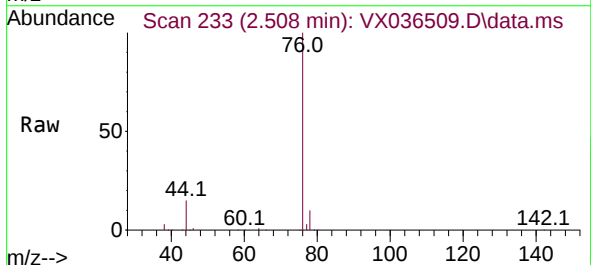
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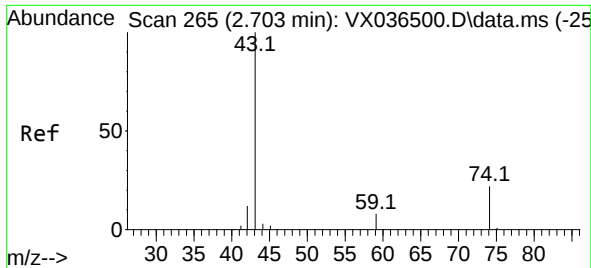
Tgt Ion: 43 Resp: 102196
Ion Ratio Lower Upper
43 100
58 30.9 0.0 62.6



#14
Carbon disulfide
Concen: 52.311 ug/L
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX036509.D
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Tgt Ion: 76 Resp: 208529
Ion Ratio Lower Upper
76 100
78 9.6 7.8 11.6

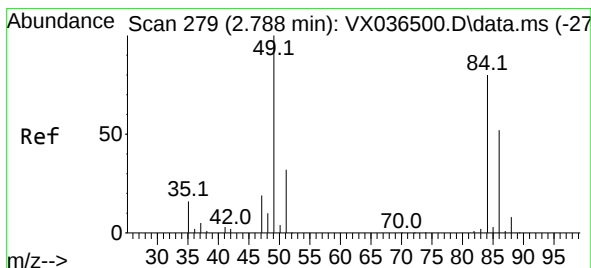
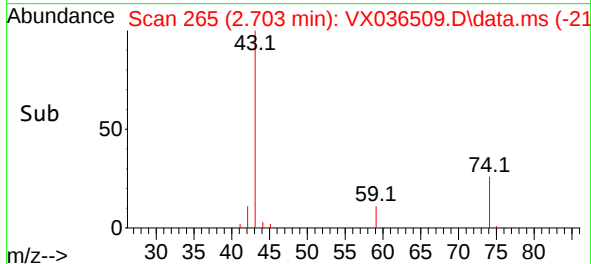
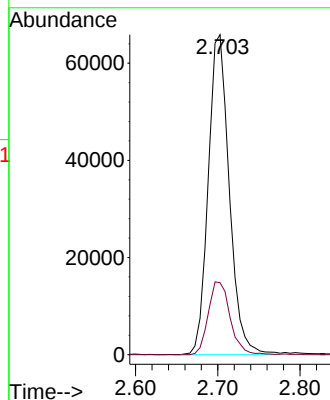
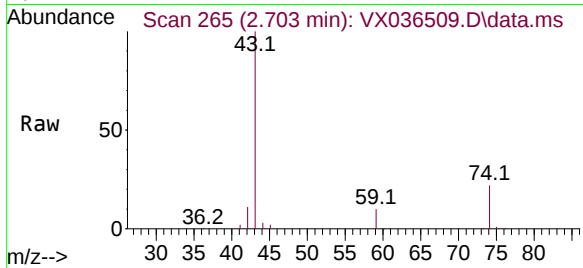




#15
Methyl Acetate
Concen: 65.833 ug/L
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX036509.D
Acq: 12 Jul 2023 15:53

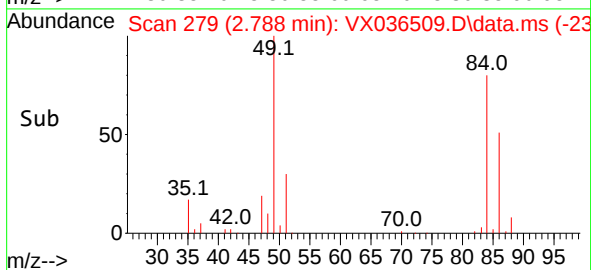
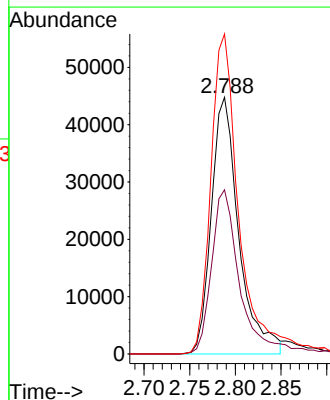
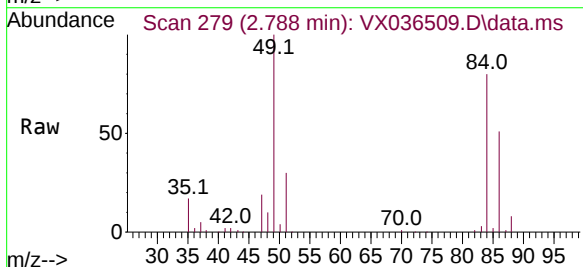
Instrument :
MSVOA_X
ClientSampleId :
VIBLK630

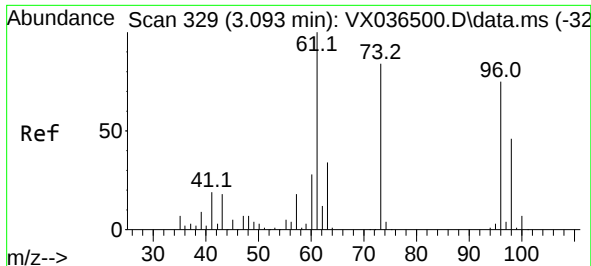
Tgt Ion: 43 Resp: 117245
Ion Ratio Lower Upper
43 100
74 23.6 19.4 29.0



#16
Methylene chloride
Concen: 57.082 ug/L
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX036509.D
Acq: 12 Jul 2023 15:53

Tgt Ion: 84 Resp: 93615
Ion Ratio Lower Upper
84 100
86 64.0 45.9 85.3
49 124.7 87.6 162.8

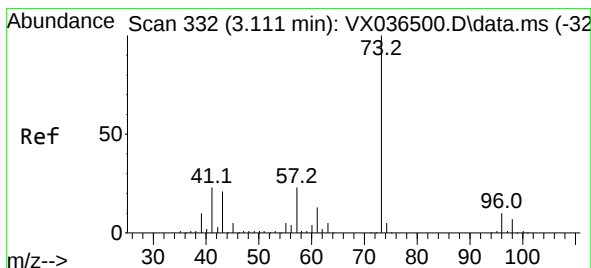
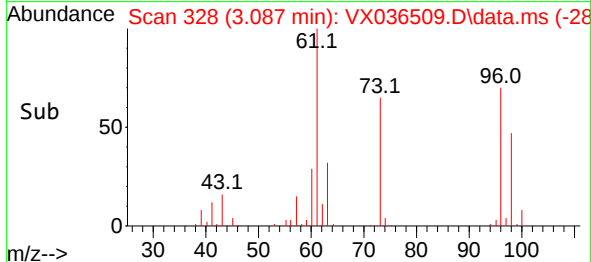
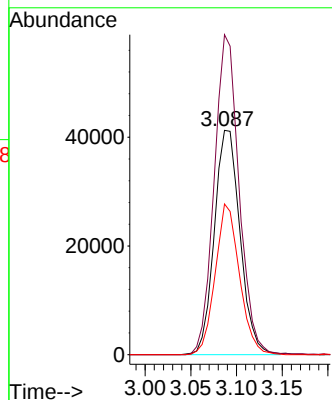
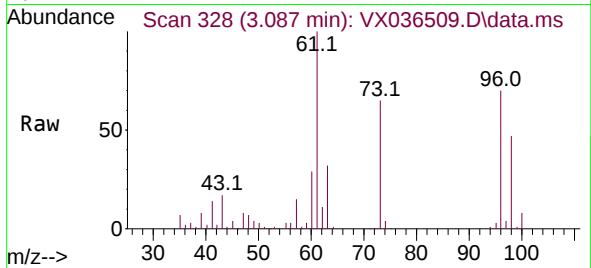




#17
trans-1,2-Dichloroethene
Concen: 54.000 ug/L
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX036509.D
Acq: 12 Jul 2023 15:53

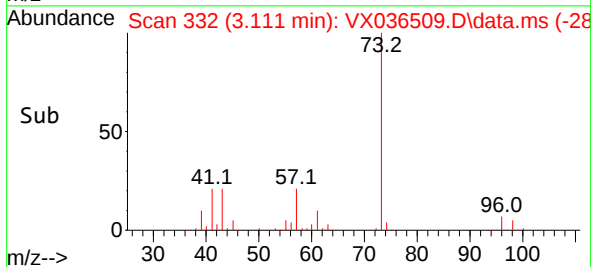
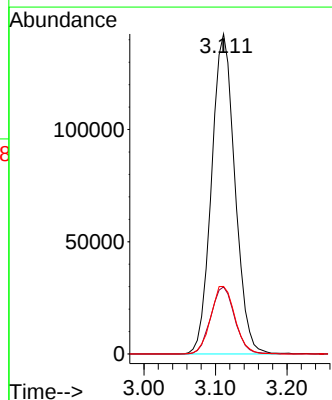
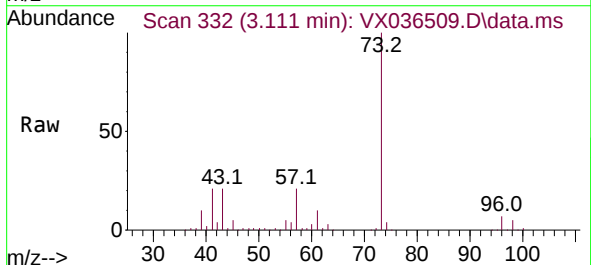
Instrument :
MSVOA_X
ClientSampleId :
VIBLK630

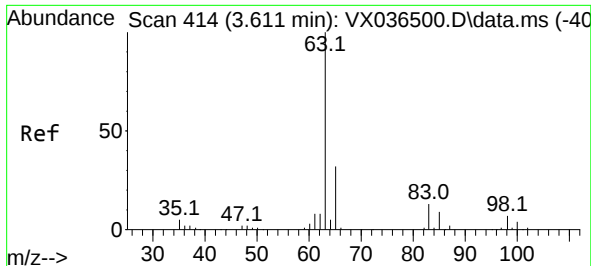
Tgt Ion: 96 Resp: 80841
Ion Ratio Lower Upper
96 100
61 142.7 93.7 174.1
98 67.2 42.9 79.7



#18
Methyl tert-butyl Ether
Concen: 62.244 ug/L
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX036509.D
Acq: 12 Jul 2023 15:53

Tgt Ion: 73 Resp: 323970
Ion Ratio Lower Upper
73 100
43 21.4 17.0 25.6
57 21.9 17.4 26.0





#19

1,1-Dichloroethane

Concen: 55.901 ug/L

RT: 3.605 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX036509.D

Acq: 12 Jul 2023 15:53

Instrument :

MSVOA_X

ClientSampleId :

VIBLK630

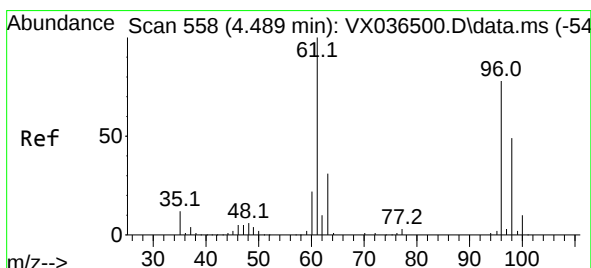
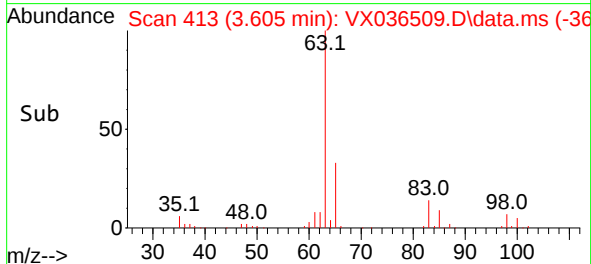
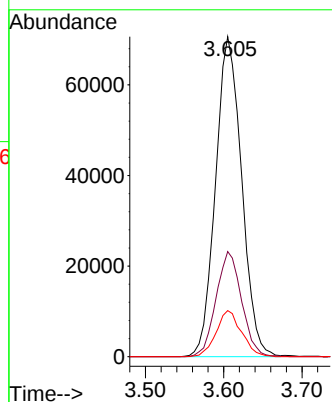
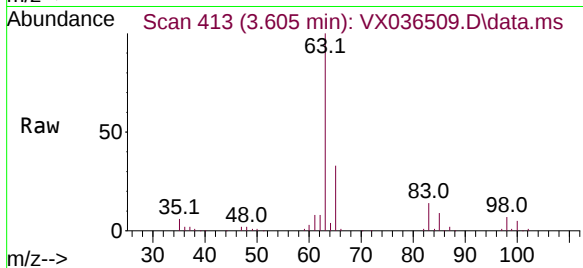
Tgt Ion: 63 Resp: 163741

Ion Ratio Lower Upper

63 100

65 32.8 22.3 41.3

83 14.4 9.3 17.3



#20

cis-1,2-Dichloroethene

Concen: 57.027 ug/L

RT: 4.483 min Scan# 557

Delta R.T. -0.006 min

Lab File: VX036509.D

Acq: 12 Jul 2023 15:53

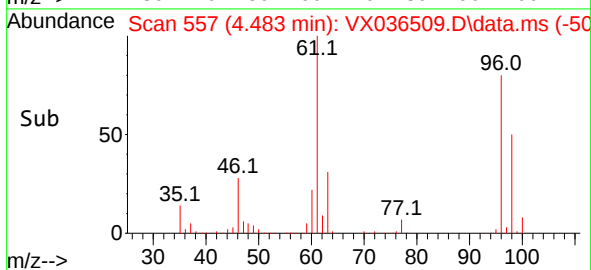
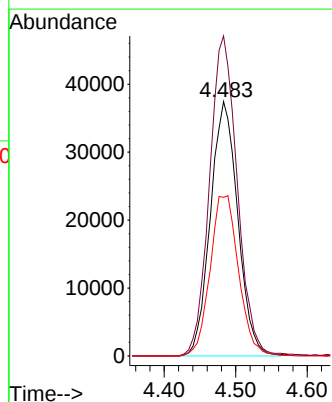
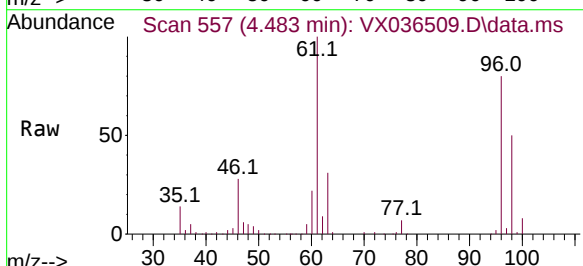
Tgt Ion: 96 Resp: 99778

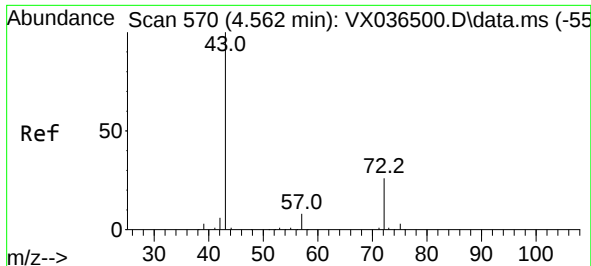
Ion Ratio Lower Upper

96 100

61 125.8 90.1 167.3

98 62.3 44.1 81.9

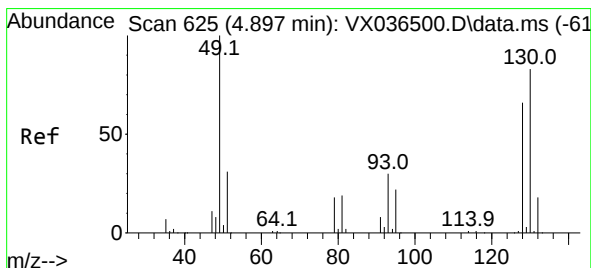
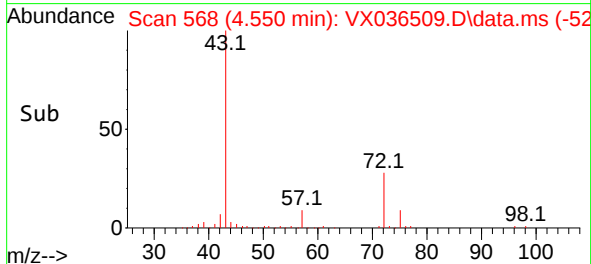
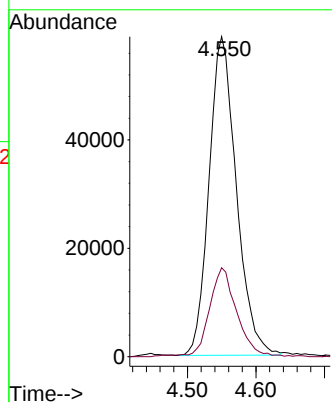
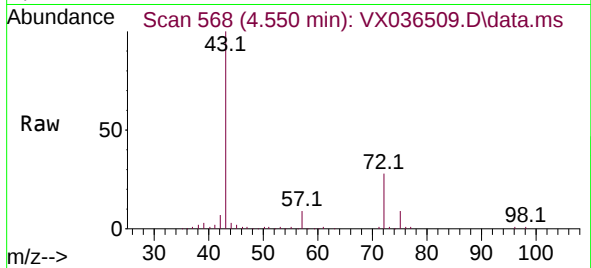




#22
2-Butanone
Concen: 125.016 ug/L
RT: 4.550 min Scan# 570
Delta R.T. -0.012 min
Lab File: VX036509.D
Acq: 12 Jul 2023 15:53

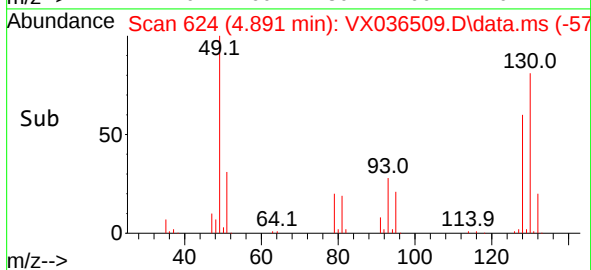
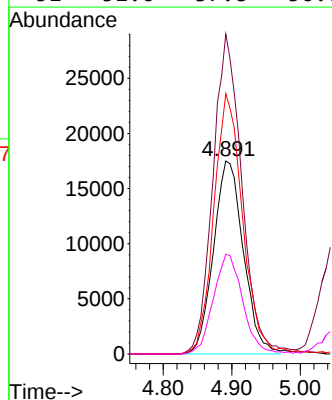
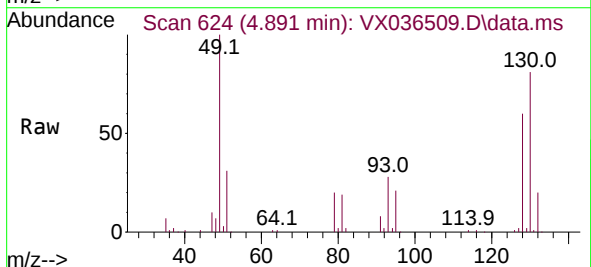
Instrument :
MSVOA_X
ClientSampleId :
VIBLK630

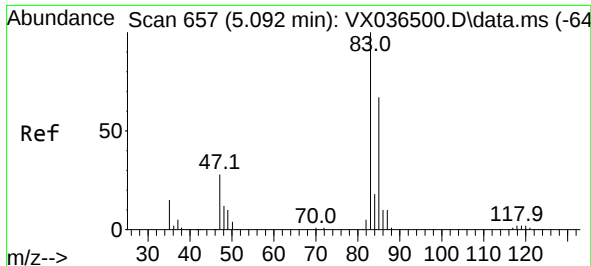
Tgt Ion: 43 Resp: 162861
Ion Ratio Lower Upper
43 100
72 27.2 13.8 41.3



#23
Bromochloromethane
Concen: 60.521 ug/L
RT: 4.891 min Scan# 624
Delta R.T. -0.006 min
Lab File: VX036509.D
Acq: 12 Jul 2023 15:53

Tgt Ion: 128 Resp: 52930
Ion Ratio Lower Upper
128 100
49 165.9 105.8 196.4
130 134.9 88.1 163.7
51 51.6 37.8 56.6





#25

Chloroform

Concen: 59.270 ug/L

RT: 5.086 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX036509.D

Acq: 12 Jul 2023 15:53

Instrument :

MSVOA_X

ClientSampleId :

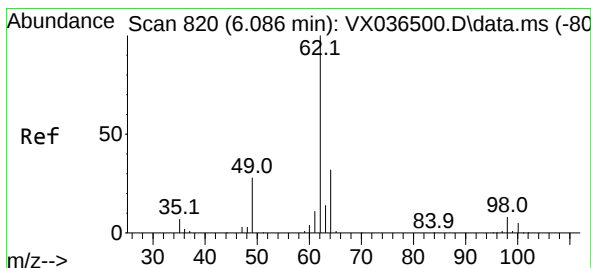
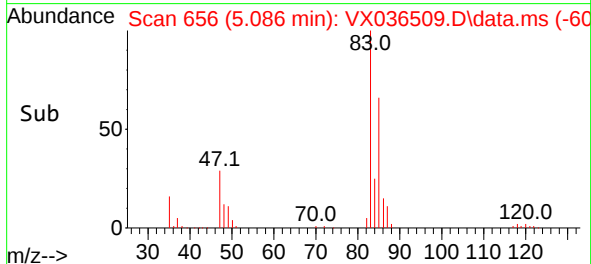
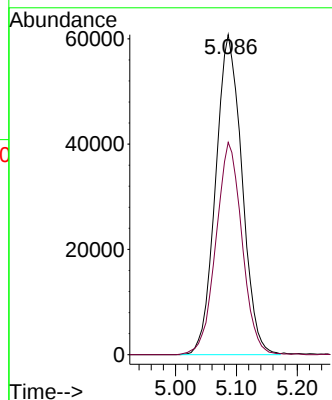
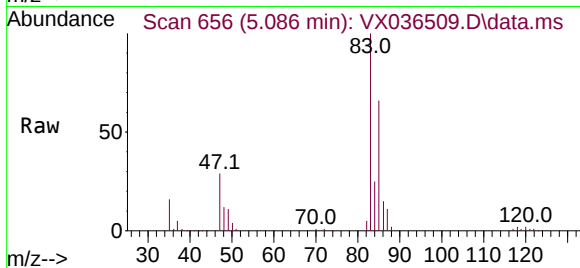
VIBLK630

Tgt Ion: 83 Resp: 182319

Ion Ratio Lower Upper

83 100

85 66.4 46.8 87.0



#27

1,2-Dichloroethane

Concen: 62.084 ug/L

RT: 6.080 min Scan# 819

Delta R.T. -0.006 min

Lab File: VX036509.D

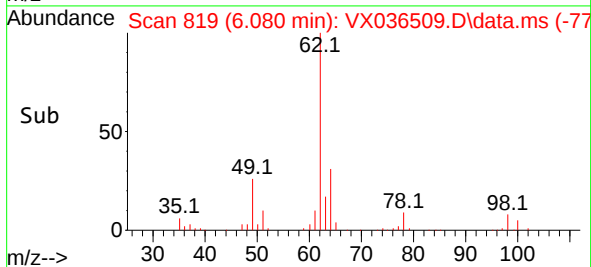
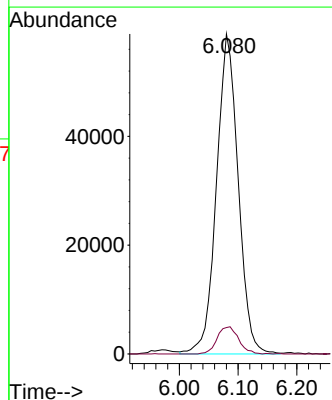
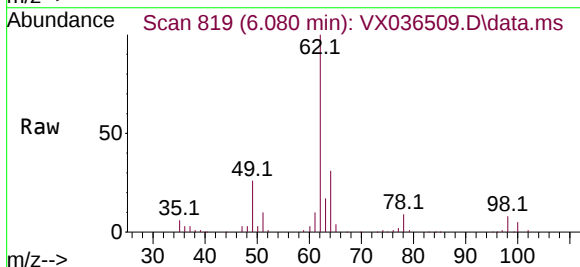
Acq: 12 Jul 2023 15:53

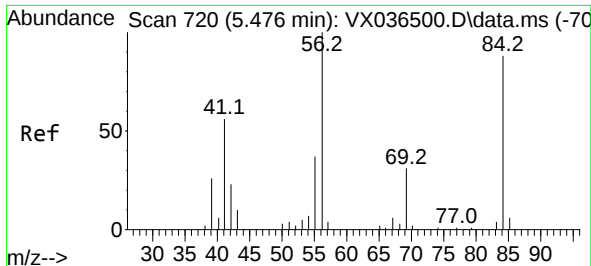
Tgt Ion: 62 Resp: 151065

Ion Ratio Lower Upper

62 100

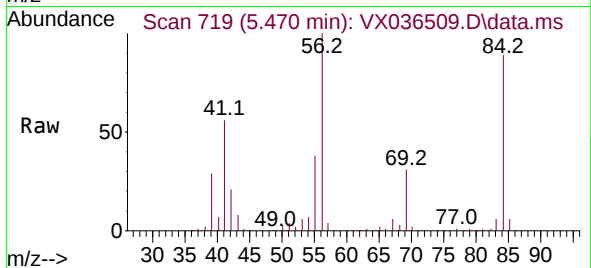
98 8.3 6.5 9.7



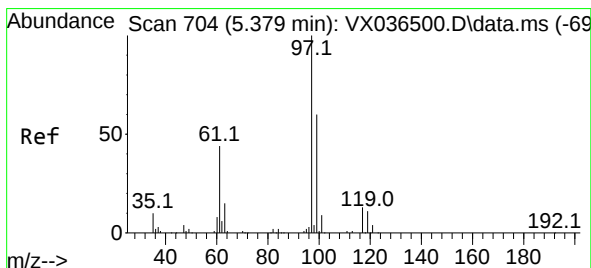
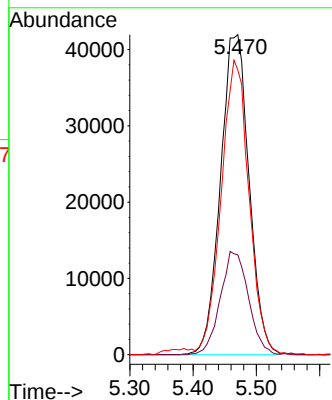
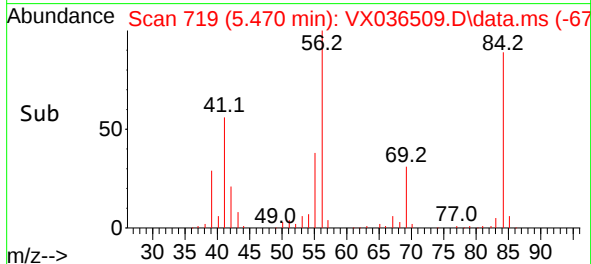


#29
Cyclohexane
Concen: 55.180 ug/L
RT: 5.470 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX036509.D
Acq: 12 Jul 2023 15:53

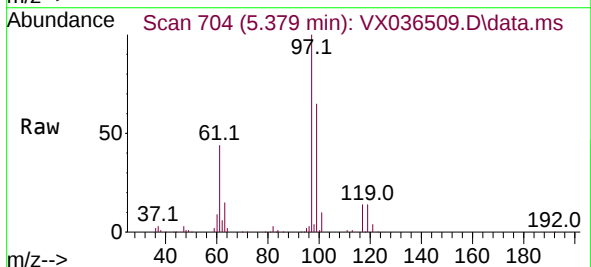
Instrument :
MSVOA_X
ClientSampleId :
VIBLK630



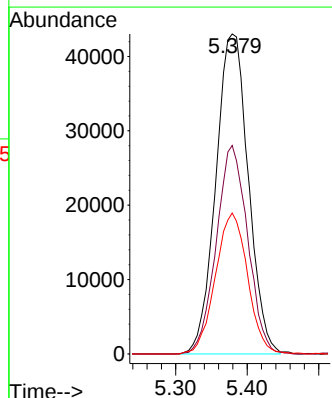
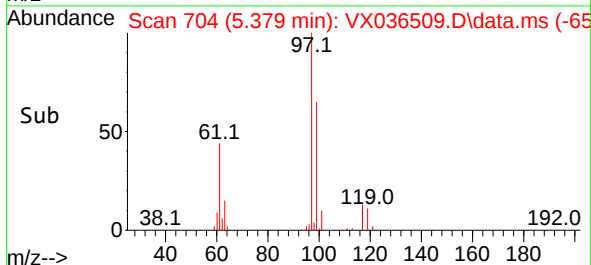
Tgt Ion: 56 Resp: 131693
Ion Ratio Lower Upper
56 100
69 31.7 25.3 37.9
84 89.4 73.0 109.4

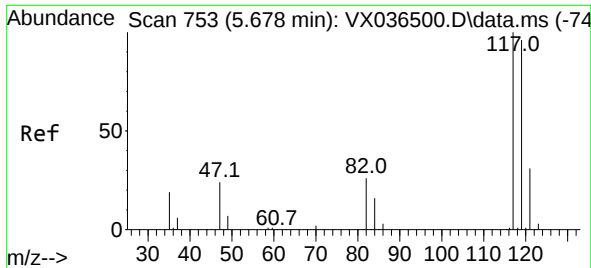


#30
1,1,1-Trichloroethane
Concen: 54.157 ug/L
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX036509.D
Acq: 12 Jul 2023 15:53



Tgt Ion: 97 Resp: 135849
Ion Ratio Lower Upper
97 100
99 63.0 50.6 76.0
61 43.6 34.7 52.1

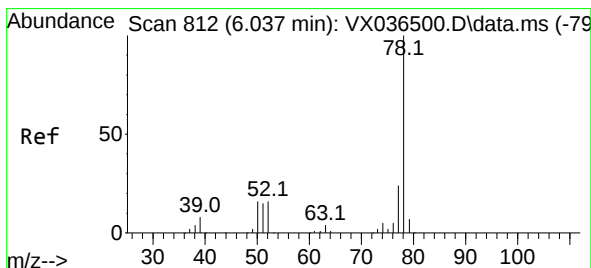
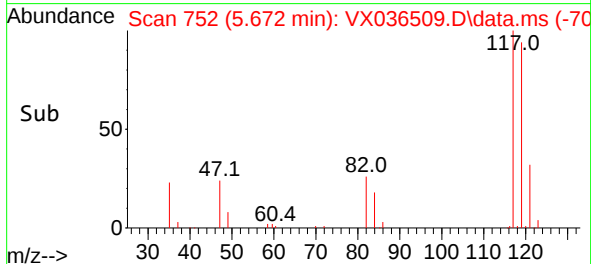
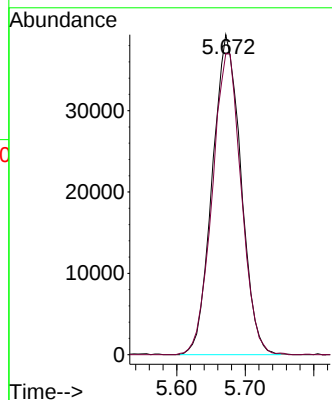
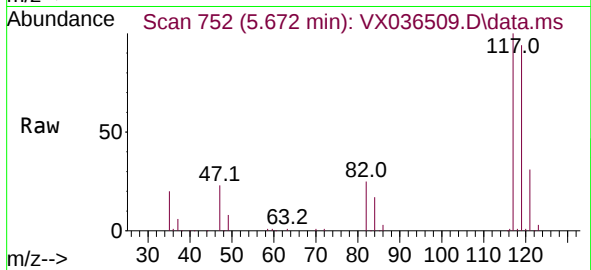




#31
Carbon tetrachloride
Concen: 54.146 ug/L
RT: 5.672 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX036509.D
Acq: 12 Jul 2023 15:53

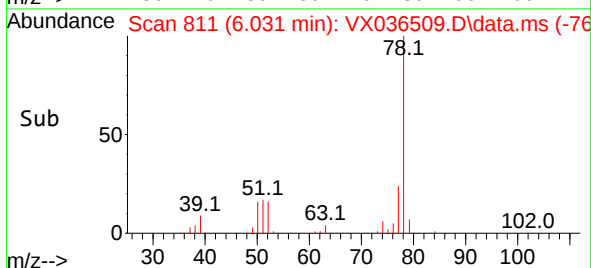
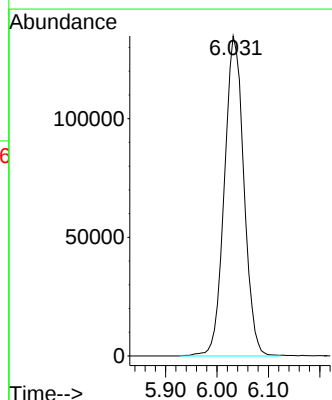
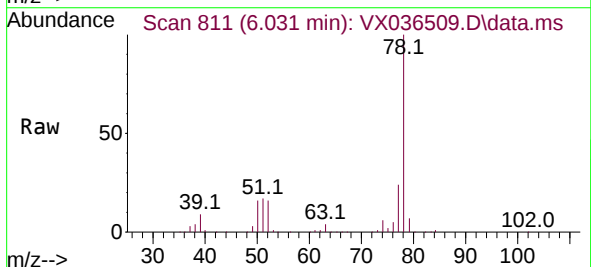
Instrument :
MSVOA_X
ClientSampleId :
VIBLK630

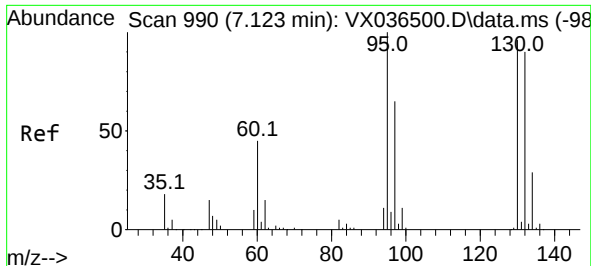
Tgt Ion:117 Resp: 113825
Ion Ratio Lower Upper
117 100
119 95.7 76.6 114.8



#33
Benzene
Concen: 56.454 ug/L
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX036509.D
Acq: 12 Jul 2023 15:53

Tgt Ion: 78 Resp: 355795



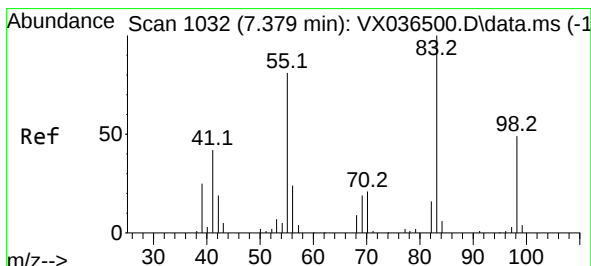
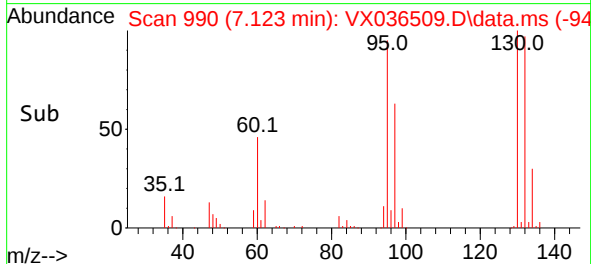
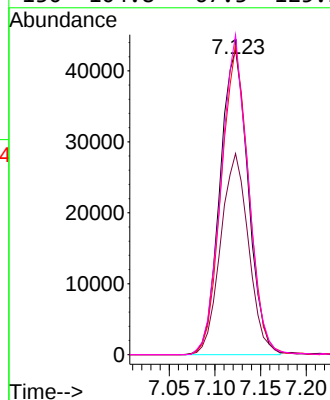
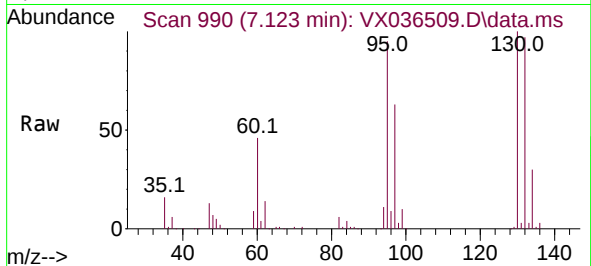


#34
Trichloroethene
Concen: 53.678 ug/L
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX036509.D
Acq: 12 Jul 2023 15:53

Instrument :
MSVOA_X
ClientSampleId :
VIBLK630

Tgt Ion: 95 Resp: 92270

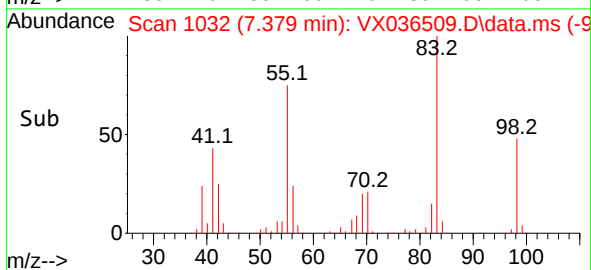
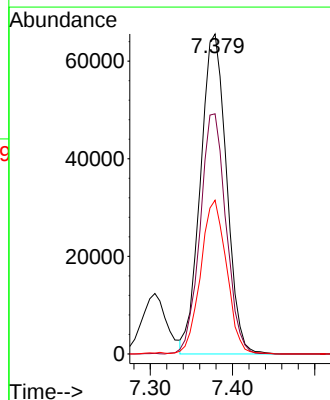
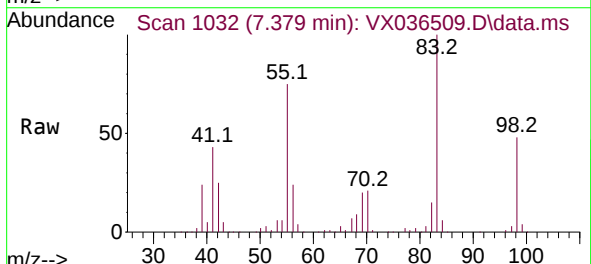
Ion	Ratio	Lower	Upper
95	100		
97	65.8	45.3	84.1
132	101.1	63.0	117.0
130	104.8	67.3	125.1

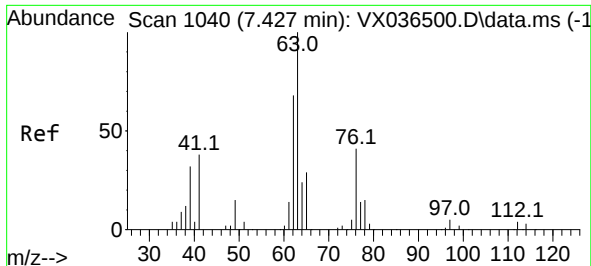


#35
Methylcyclohexane
Concen: 57.675 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX036509.D
Acq: 12 Jul 2023 15:53

Tgt Ion: 83 Resp: 144390

Ion	Ratio	Lower	Upper
83	100		
55	74.6	59.0	88.4
98	47.8	37.5	56.3





#37

1,2-Dichloropropane

Concen: 57.897 ug/L

RT: 7.427 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VX036509.D

Acq: 12 Jul 2023 15:53

Instrument :

MSVOA_X

ClientSampleId :

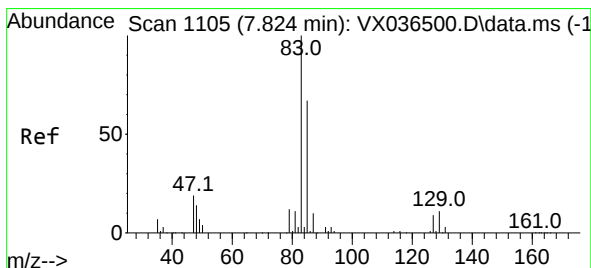
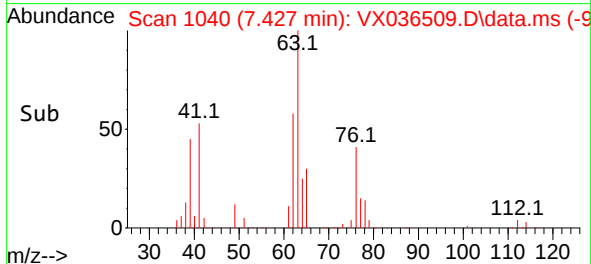
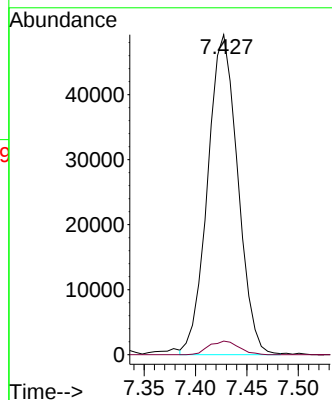
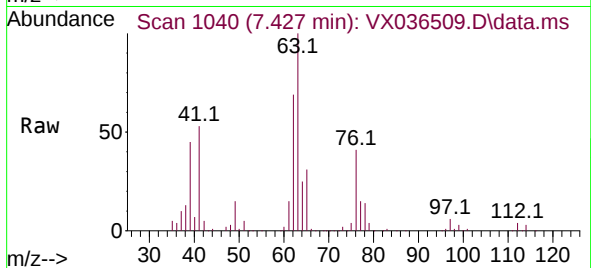
VIBLK630

Tgt Ion: 63 Resp: 100320

Ion Ratio Lower Upper

63 100

112 4.2 3.1 4.7



#38

Bromodichloromethane

Concen: 59.355 ug/L

RT: 7.818 min Scan# 1104

Delta R.T. -0.006 min

Lab File: VX036509.D

Acq: 12 Jul 2023 15:53

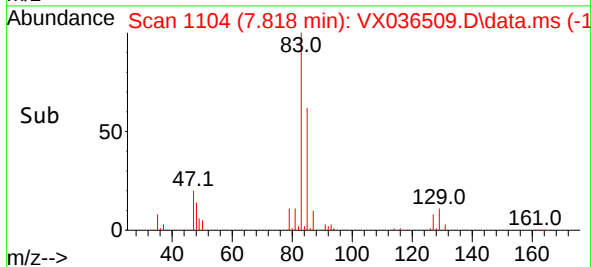
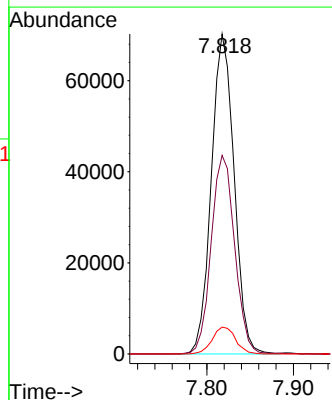
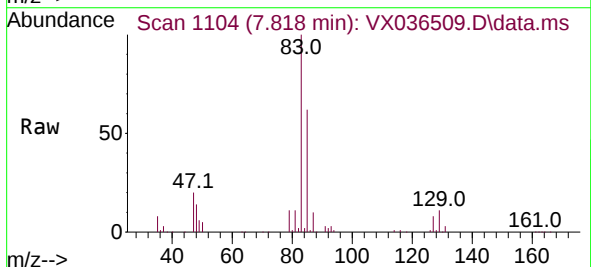
Tgt Ion: 83 Resp: 128247

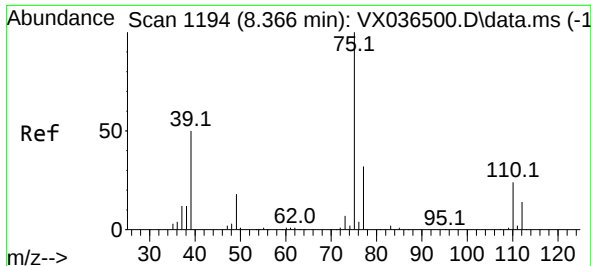
Ion Ratio Lower Upper

83 100

85 62.1 46.9 87.1

127 8.4 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 57.816 ug/L

RT: 8.360 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX036509.D

Acq: 12 Jul 2023 15:53

Instrument :

MSVOA_X

ClientSampleId :

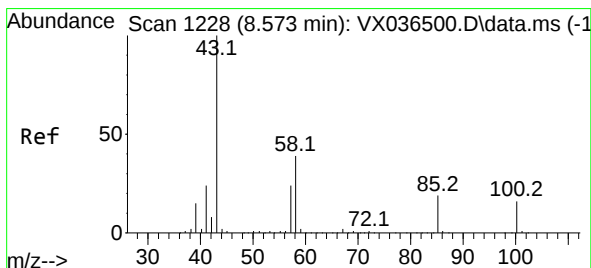
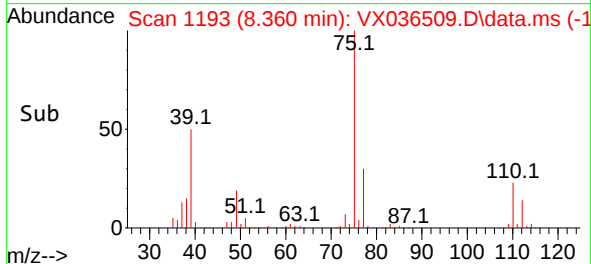
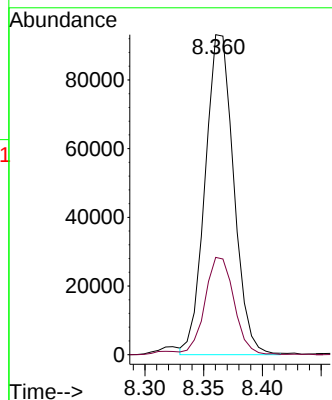
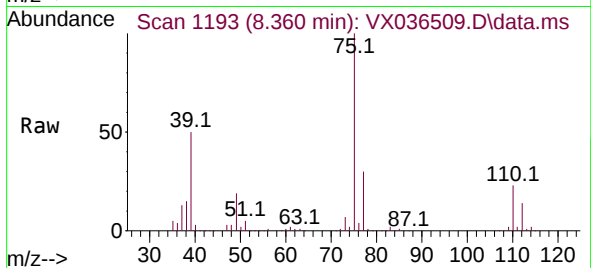
VIBLK630

Tgt Ion: 75 Resp: 157851

Ion Ratio Lower Upper

75 100

77 30.4 22.7 42.1



#40

4-Methyl-2-pentanone

Concen: 133.776 ug/L

RT: 8.567 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VX036509.D

Acq: 12 Jul 2023 15:53

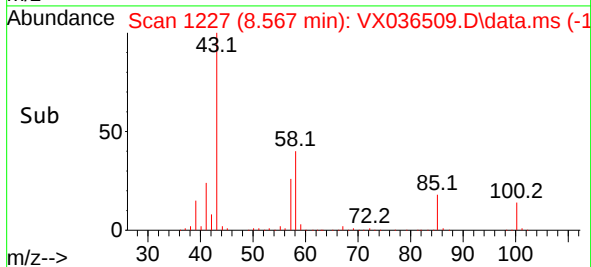
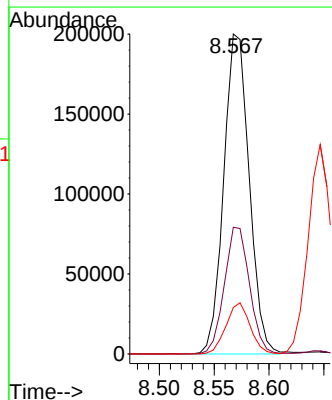
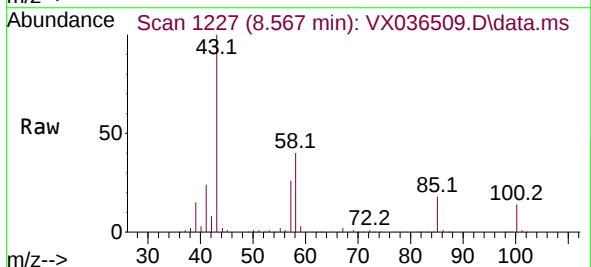
Tgt Ion: 43 Resp: 323084

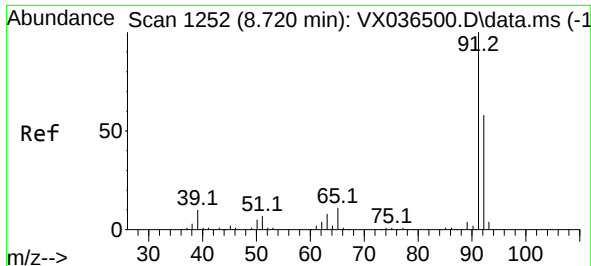
Ion Ratio Lower Upper

43 100

58 39.2 31.4 47.0

100 15.2 12.3 18.5





#42

Toluene

Concen: 54.968 ug/L

RT: 8.714 min Scan# 1251

Delta R.T. -0.006 min

Lab File: VX036509.D

Acq: 12 Jul 2023 15:53

Instrument :

MSVOA_X

ClientSampleId :

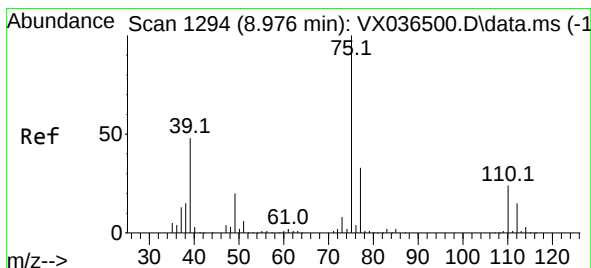
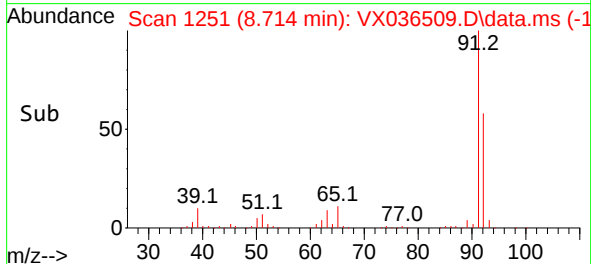
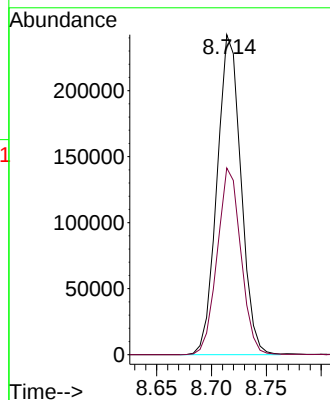
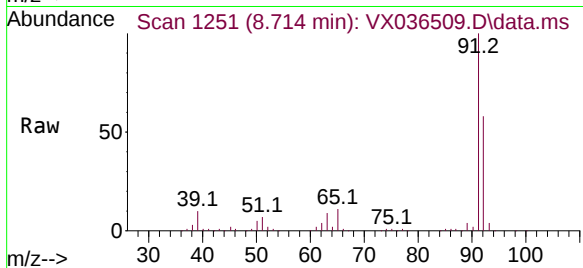
VIBLK630

Tgt Ion: 91 Resp: 368563

Ion Ratio Lower Upper

91 100

92 58.4 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 59.413 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX036509.D

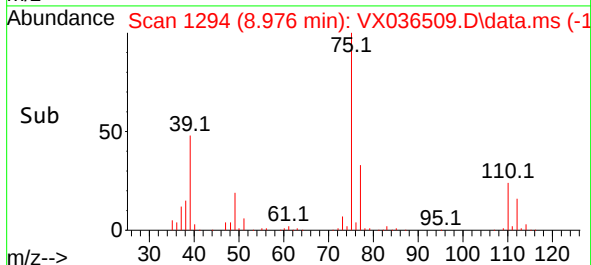
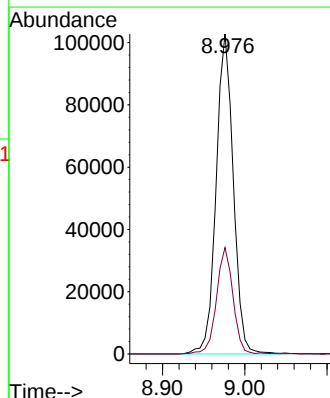
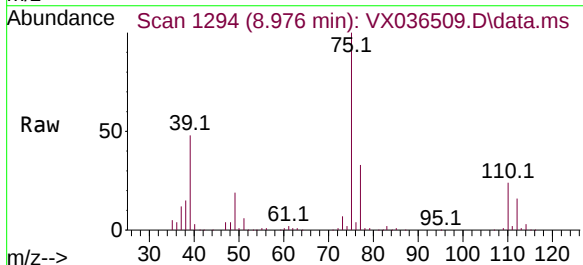
Acq: 12 Jul 2023 15:53

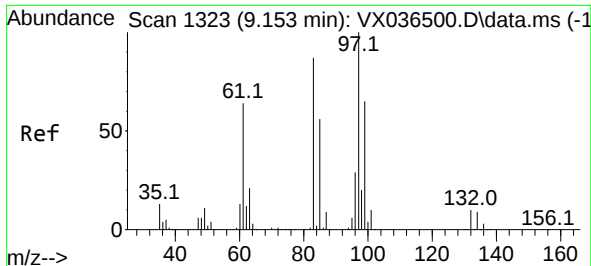
Tgt Ion: 75 Resp: 149367

Ion Ratio Lower Upper

75 100

77 33.3 22.9 42.5





#45

1,1,2-Trichloroethane

Concen: 62.784 ug/L

RT: 9.147 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX036509.D

Acq: 12 Jul 2023 15:53

Instrument :

MSVOA_X

ClientSampleId :

VIBLK630

Tgt Ion: 97 Resp: 103395

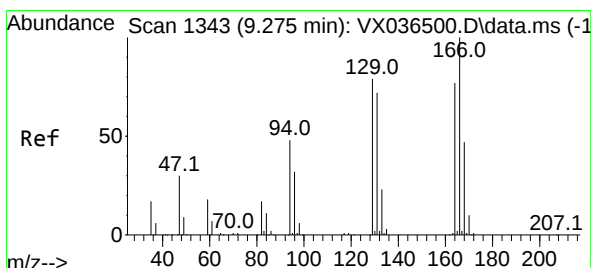
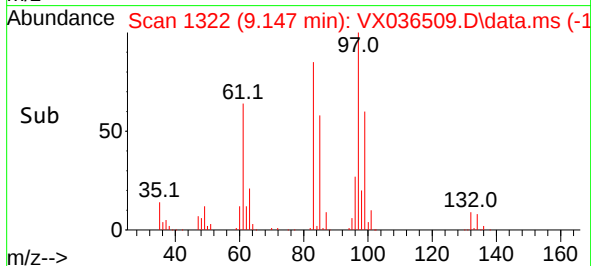
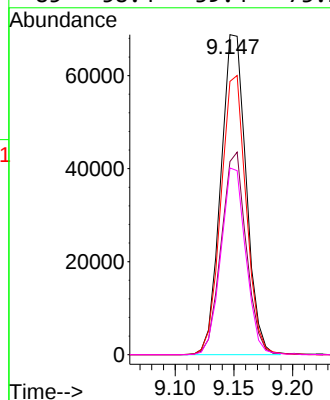
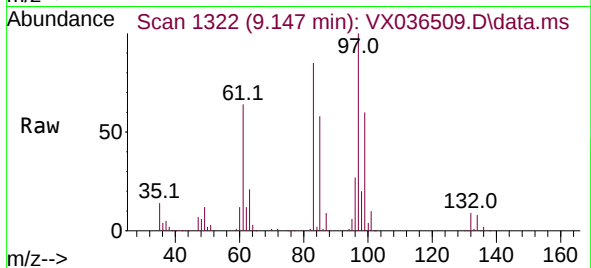
Ion Ratio Lower Upper

97 100

99 60.3 45.1 83.9

83 85.4 60.6 112.6

85 58.4 39.4 73.2



#46

Tetrachloroethene

Concen: 55.301 ug/L

RT: 9.269 min Scan# 1342

Delta R.T. -0.006 min

Lab File: VX036509.D

Acq: 12 Jul 2023 15:53

Tgt Ion: 164 Resp: 67543

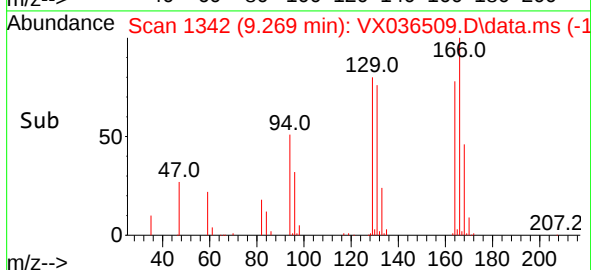
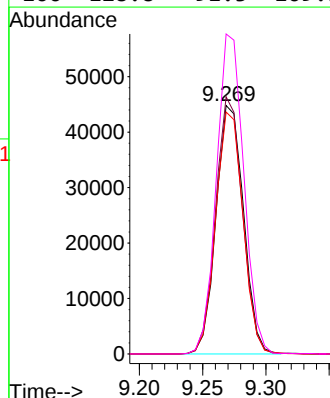
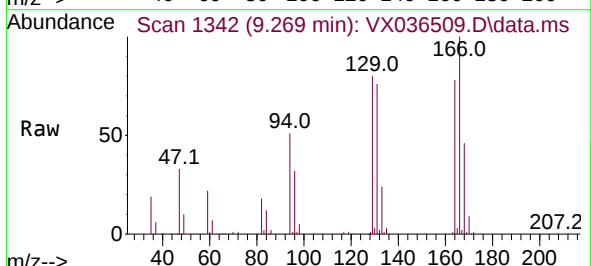
Ion Ratio Lower Upper

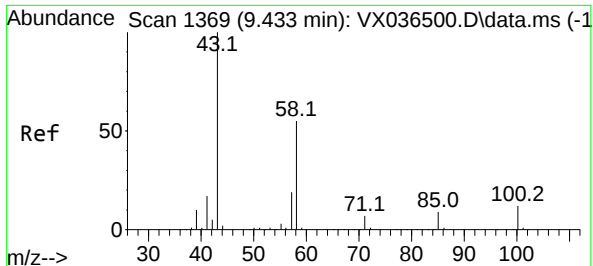
164 100

129 103.5 72.0 133.8

131 97.3 65.7 121.9

166 128.8 91.3 169.5



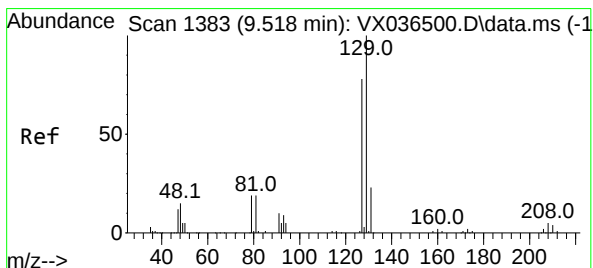
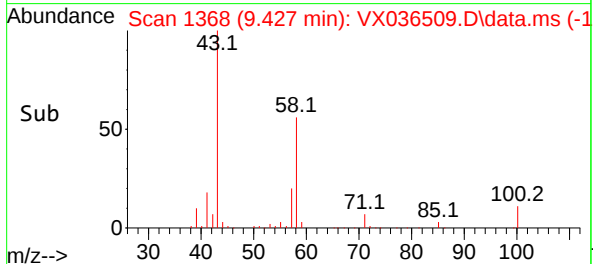
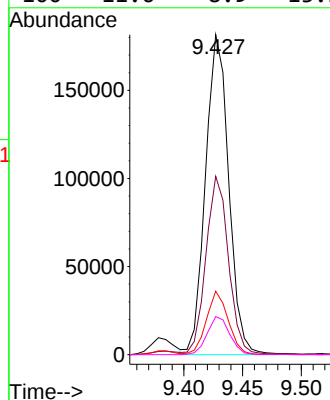
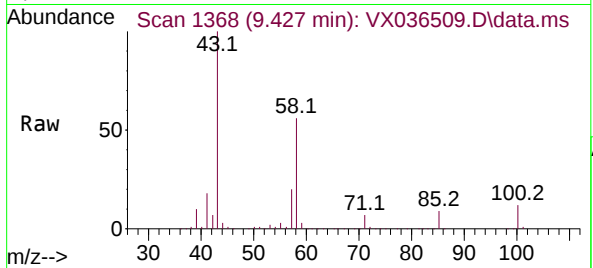


#48
2-Hexanone
Concen: 132.529 ug/L
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX036509.D
Acq: 12 Jul 2023 15:53

Instrument :
MSVOA_X
ClientSampleId :
VIBLK630

Tgt Ion: 43 Resp: 250130

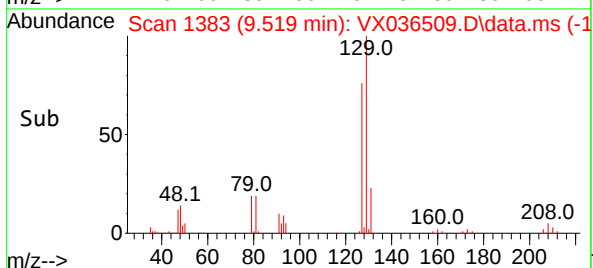
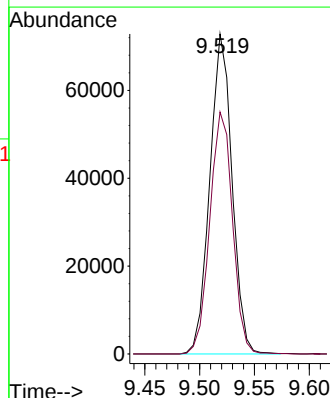
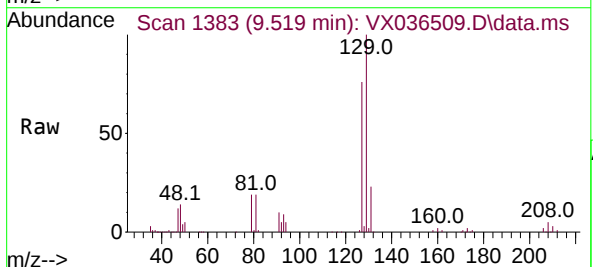
Ion	Ratio	Lower	Upper
43	100		
58	53.6	42.5	63.7
57	18.7	15.0	22.4
100	11.6	8.9	13.3

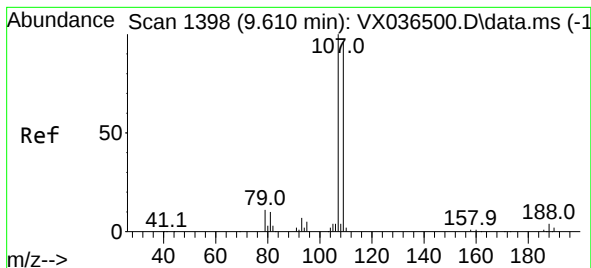


#49
Dibromochloromethane
Concen: 62.274 ug/L
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX036509.D
Acq: 12 Jul 2023 15:53

Tgt Ion: 129 Resp: 102957

Ion	Ratio	Lower	Upper
129	100		
127	75.6	54.8	101.8





#50

1,2-Dibromoethane

Concen: 63.015 ug/L

RT: 9.610 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036509.D

Acq: 12 Jul 2023 15:53

Instrument :

MSVOA_X

ClientSampleId :

VIBLK630

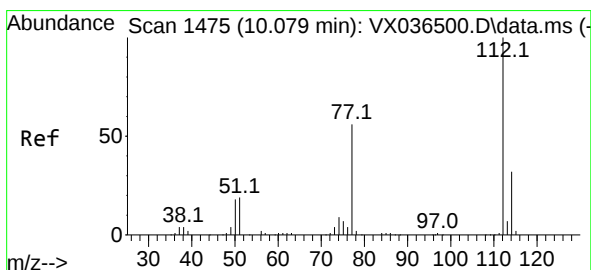
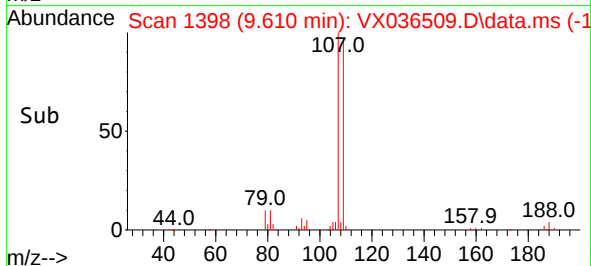
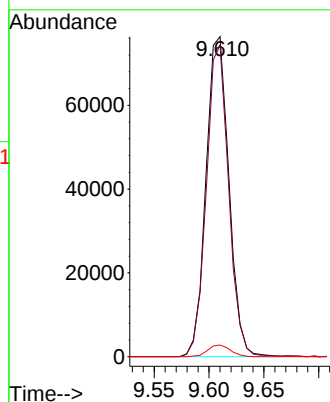
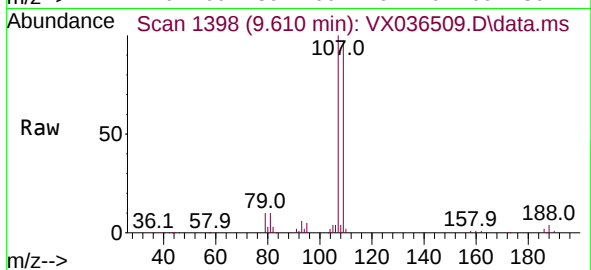
Tgt Ion:107 Resp: 111239

Ion Ratio Lower Upper

107 100

109 97.3 67.3 124.9

188 3.7 2.8 4.2



#51

Chlorobenzene

Concen: 55.185 ug/L

RT: 10.079 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX036509.D

Acq: 12 Jul 2023 15:53

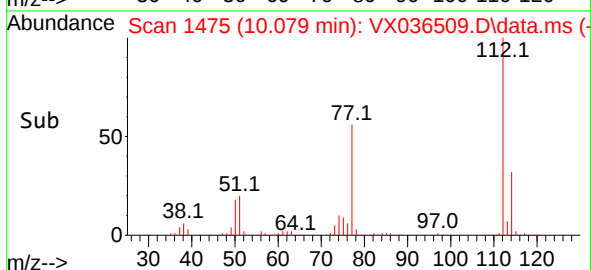
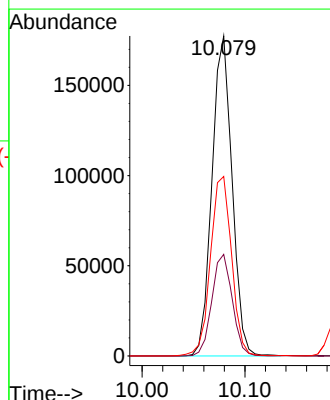
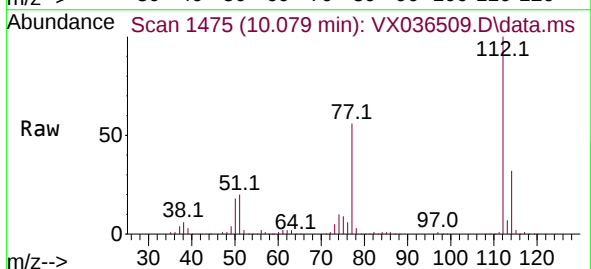
Tgt Ion:112 Resp: 240578

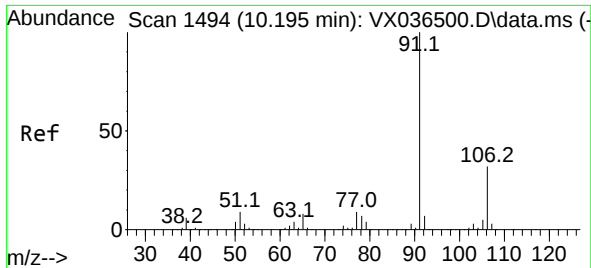
Ion Ratio Lower Upper

112 100

114 31.8 22.3 41.3

77 56.1 45.2 67.8

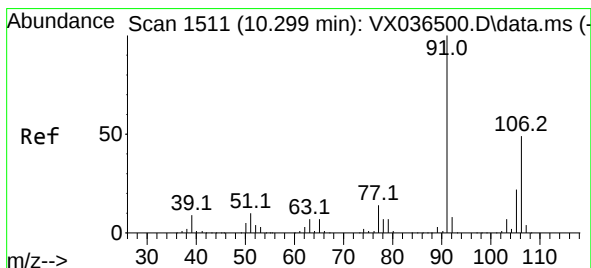
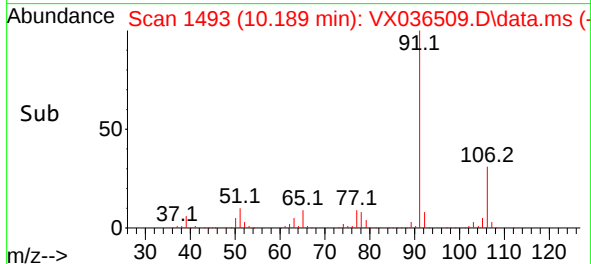
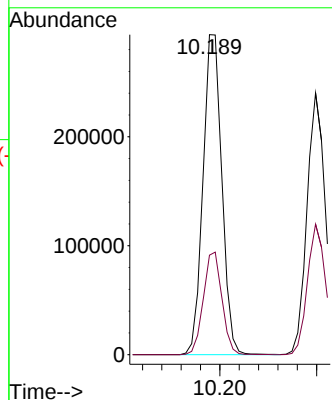
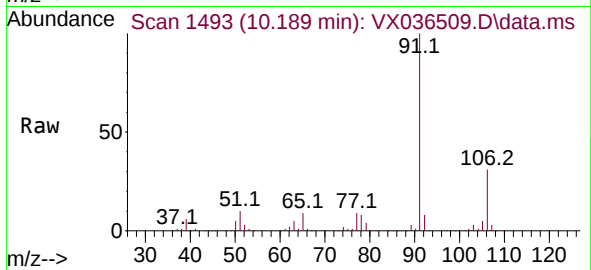




#52
Ethylbenzene
Concen: 54.074 ug/L
RT: 10.189 min Scan# 1494
Delta R.T. -0.006 min
Lab File: VX036509.D
Acq: 12 Jul 2023 15:53

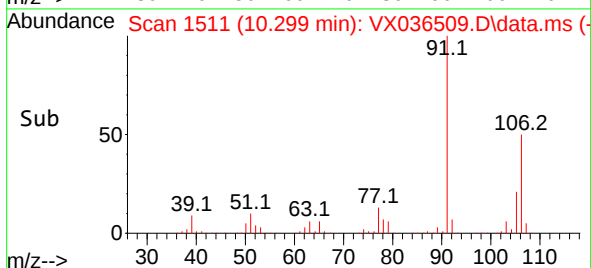
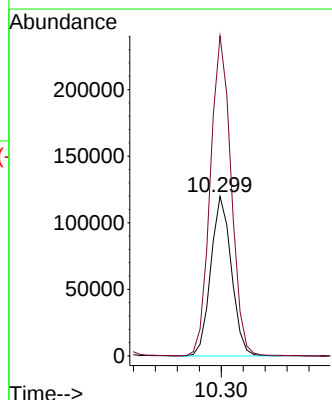
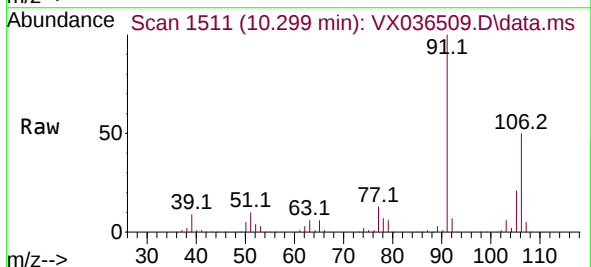
Instrument :
MSVOA_X
ClientSampleId :
VIBLK630

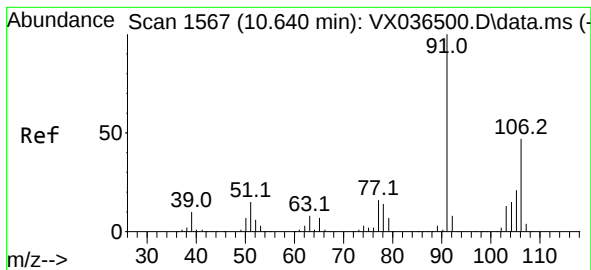
Tgt Ion: 91 Resp: 399011
Ion Ratio Lower Upper
91 100
106 31.1 22.1 41.1



#53
m,p-Xylene
Concen: 55.586 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX036509.D
Acq: 12 Jul 2023 15:53

Tgt Ion:106 Resp: 156504
Ion Ratio Lower Upper
106 100
91 200.7 143.1 265.9





#54

o-Xylene

Concen: 55.596 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX036509.D

Acq: 12 Jul 2023 15:53

Instrument :

MSVOA_X

ClientSampleId :

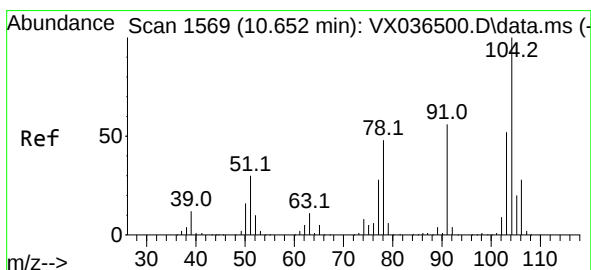
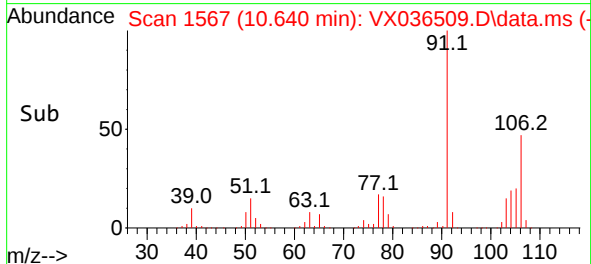
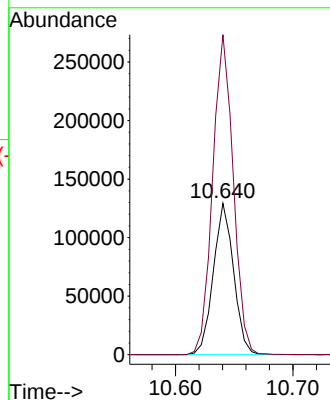
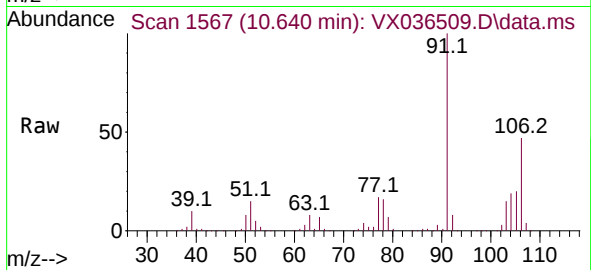
VIBLK630

Tgt Ion:106 Resp: 155242

Ion Ratio Lower Upper

106 100

91 211.3 147.8 274.4



#55

Styrene

Concen: 55.932 ug/L

RT: 10.652 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX036509.D

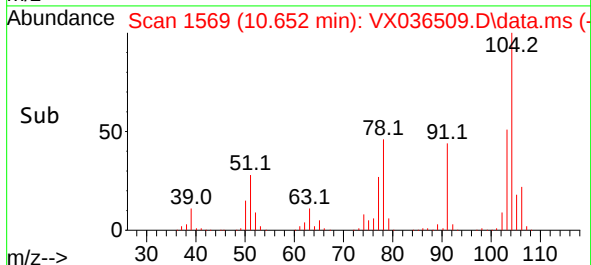
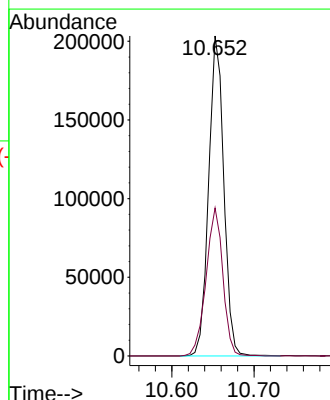
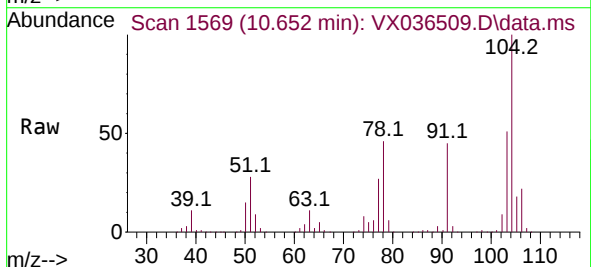
Acq: 12 Jul 2023 15:53

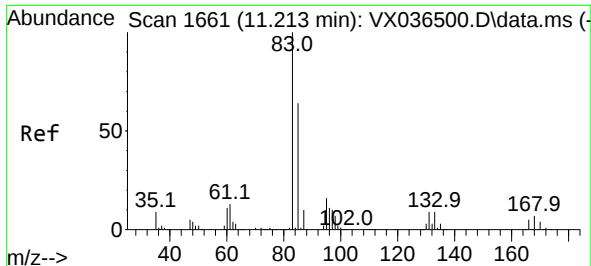
Tgt Ion:104 Resp: 260368

Ion Ratio Lower Upper

104 100

78 46.3 33.5 62.3

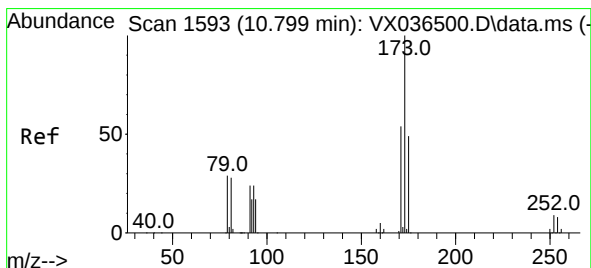
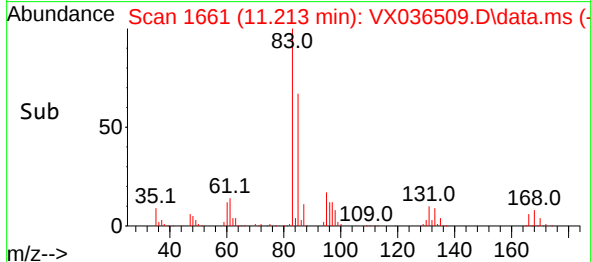
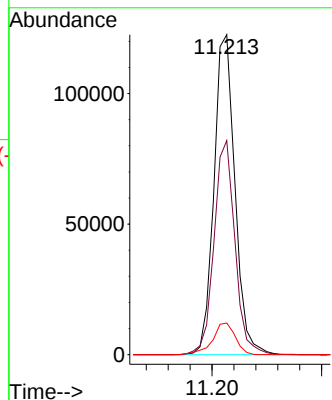
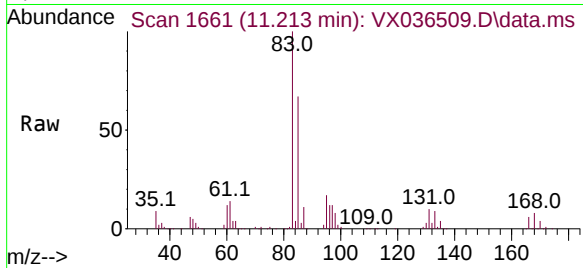




#57
1,1,2,2-Tetrachloroethane
Concen: 63.766 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX036509.D
Acq: 12 Jul 2023 15:53

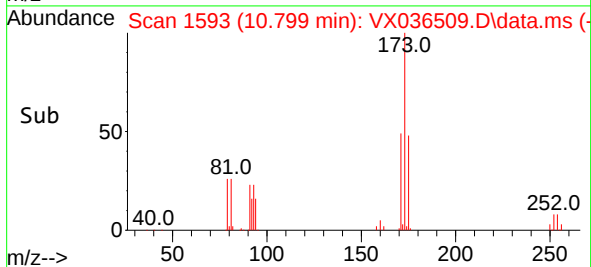
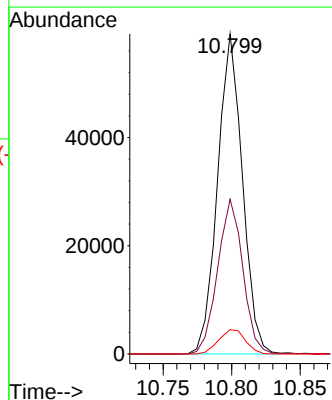
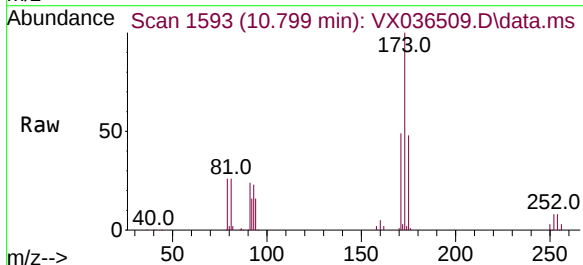
Instrument :
MSVOA_X
ClientSampleId :
VIBLK630

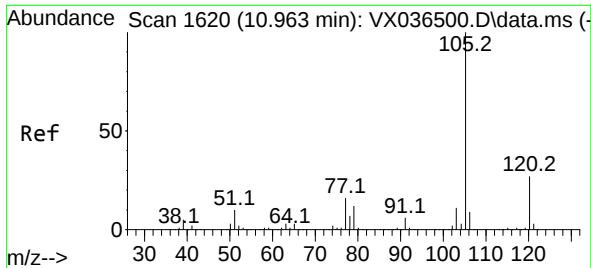
Tgt Ion: 83 Resp: 163125
Ion Ratio Lower Upper
83 100
85 66.9 44.9 83.3
131 9.9 7.4 11.0



#59
Bromoform
Concen: 62.796 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX036509.D
Acq: 12 Jul 2023 15:53

Tgt Ion:173 Resp: 74492
Ion Ratio Lower Upper
173 100
175 49.1 39.5 59.3
254 8.2 7.0 10.4

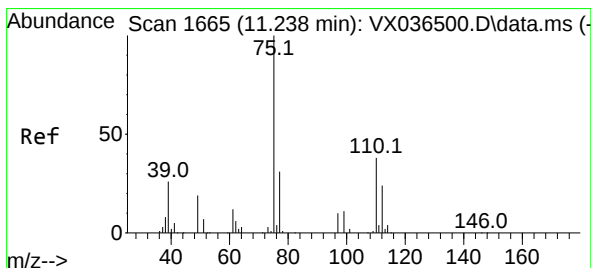
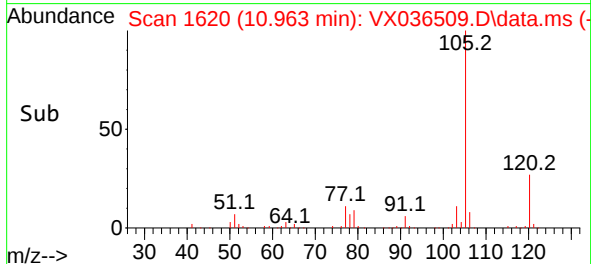
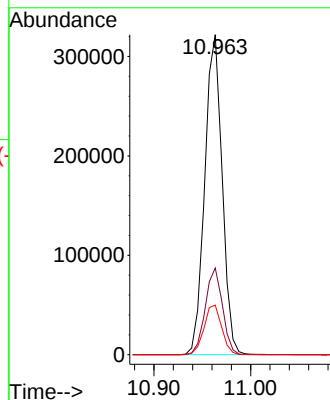
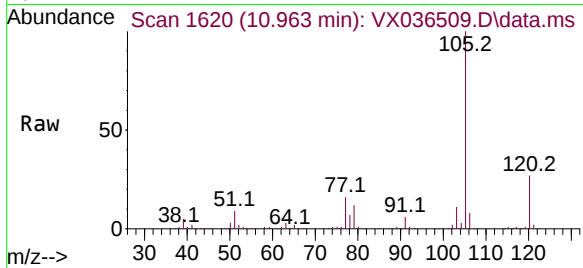




#60
Isopropylbenzene
Concen: 55.192 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX036509.D
Acq: 12 Jul 2023 15:53

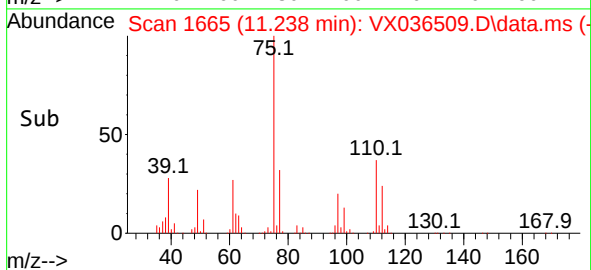
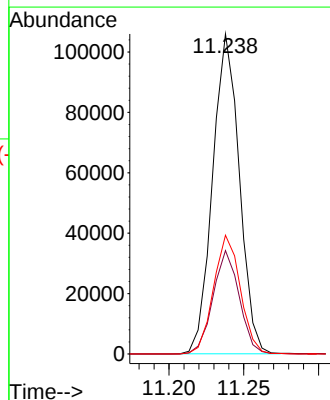
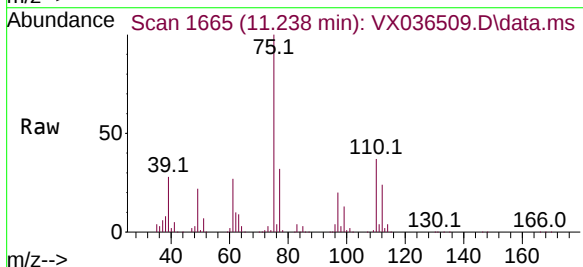
Instrument :
MSVOA_X
ClientSampleId :
VIBLK630

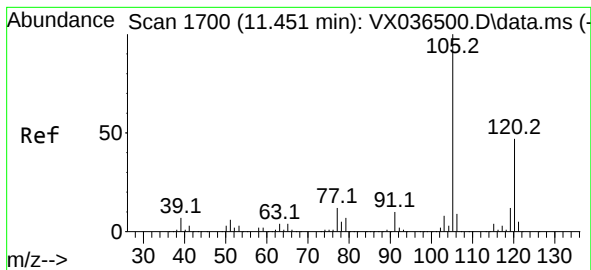
Tgt Ion:105 Resp: 402666
Ion Ratio Lower Upper
105 100
120 26.8 21.5 32.3
77 15.8 12.7 19.1



#61
1,2,3-Trichloropropane
Concen: 64.197 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX036509.D
Acq: 12 Jul 2023 15:53

Tgt Ion: 75 Resp: 131531
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.0
110 37.2 29.9 44.9





#62

1,3,5-Trimethylbenzene

Concen: 56.075 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX036509.D

Acq: 12 Jul 2023 15:53

Instrument :

MSVOA_X

ClientSampleId :

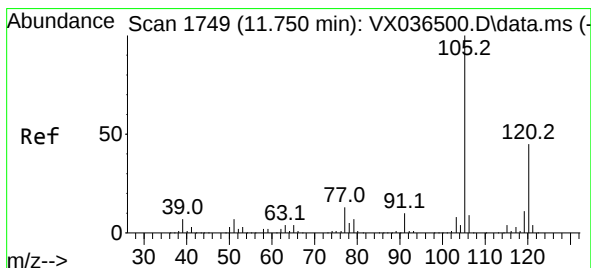
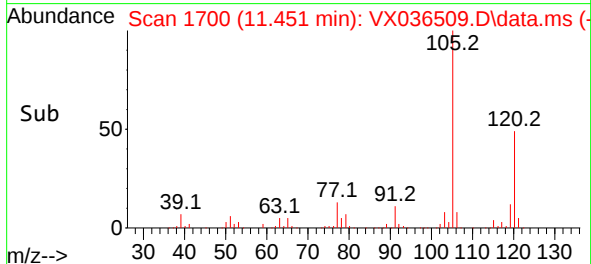
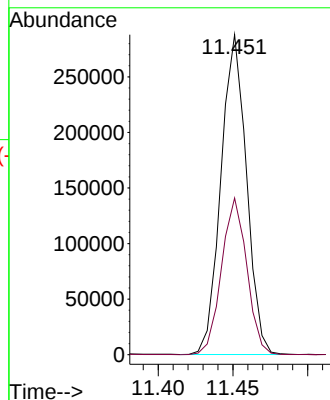
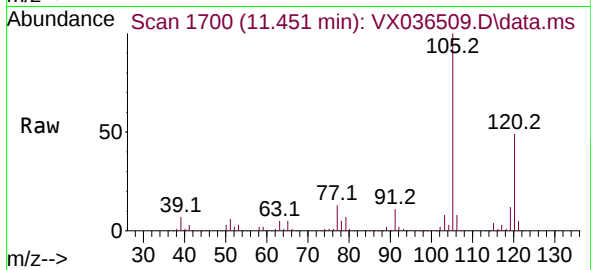
VIBLK630

Tgt Ion:105 Resp: 341927

Ion Ratio Lower Upper

105 100

120 48.5 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 55.262 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX036509.D

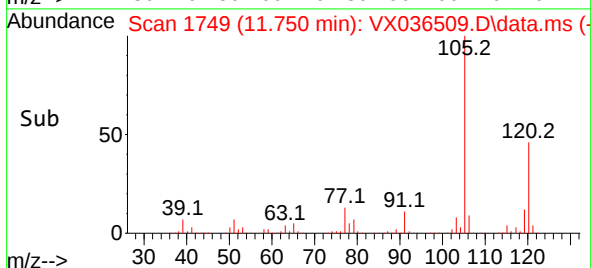
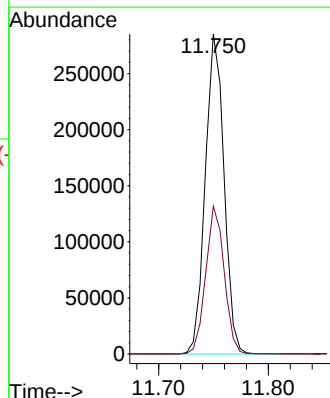
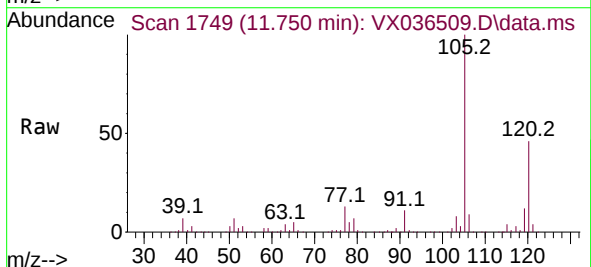
Acq: 12 Jul 2023 15:53

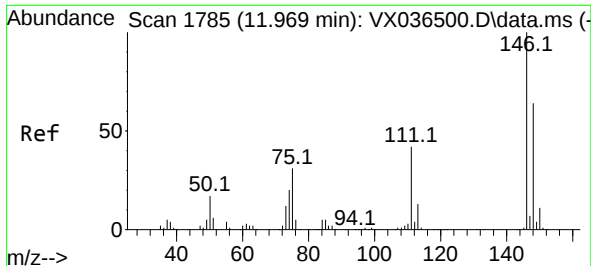
Tgt Ion:105 Resp: 337998

Ion Ratio Lower Upper

105 100

120 45.6 36.7 55.1

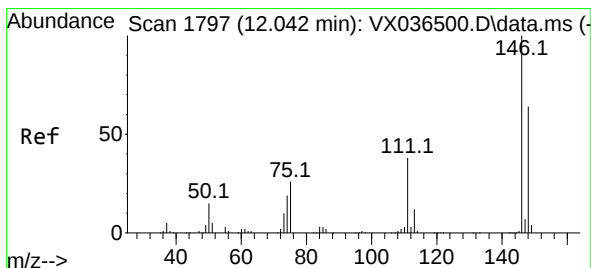
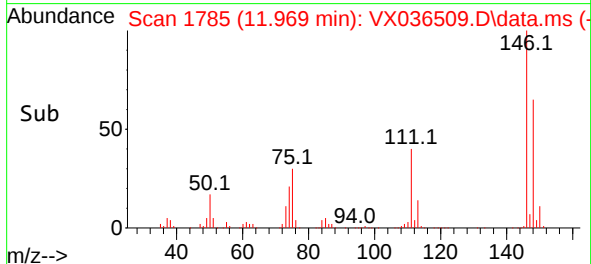
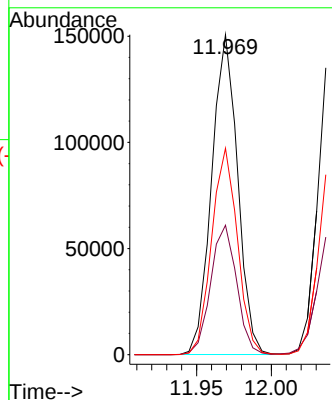
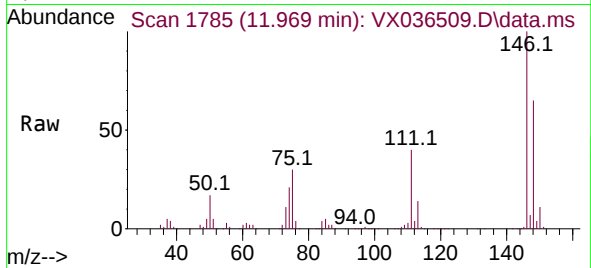




#64
1,3-Dichlorobenzene
Concen: 55.688 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX036509.D
Acq: 12 Jul 2023 15:53

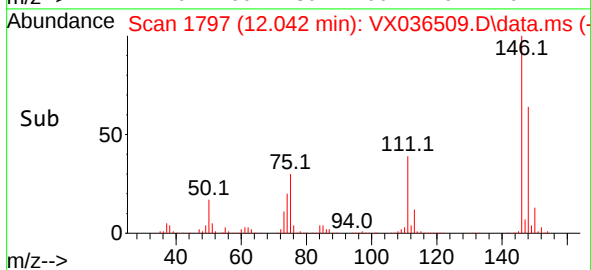
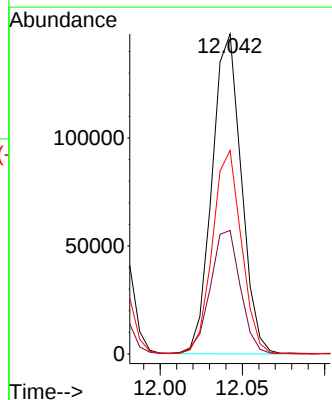
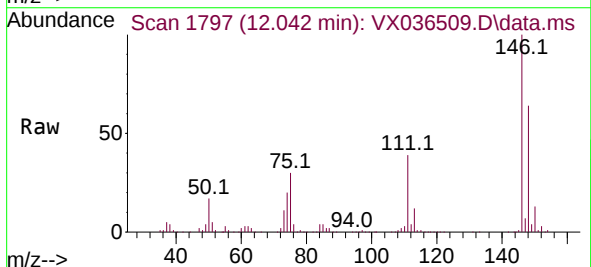
Instrument :
MSVOA_X
ClientSampleId :
VIBLK630

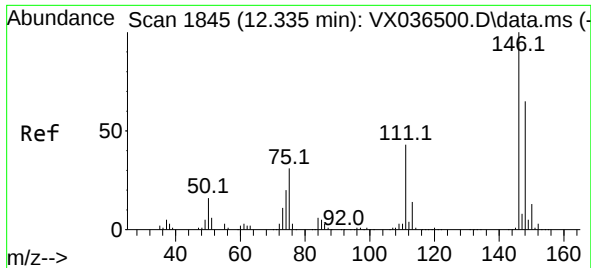
Tgt Ion:146 Resp: 181763
Ion Ratio Lower Upper
146 100
111 40.4 29.5 54.7
148 64.5 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 55.604 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX036509.D
Acq: 12 Jul 2023 15:53

Tgt Ion:146 Resp: 183235
Ion Ratio Lower Upper
146 100
111 38.6 27.1 50.3
148 63.6 45.2 84.0

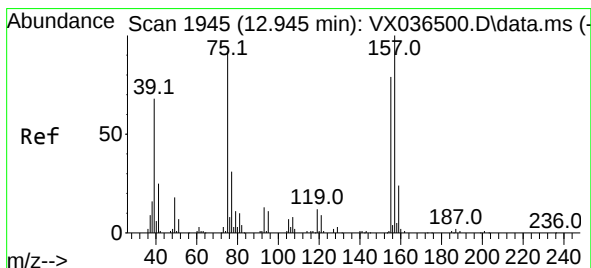
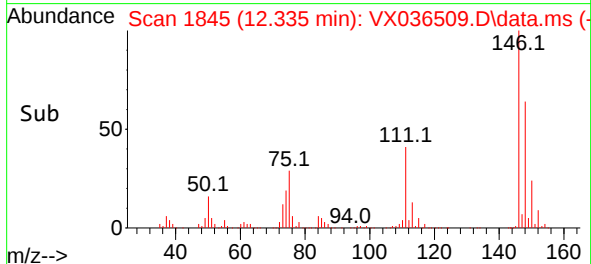
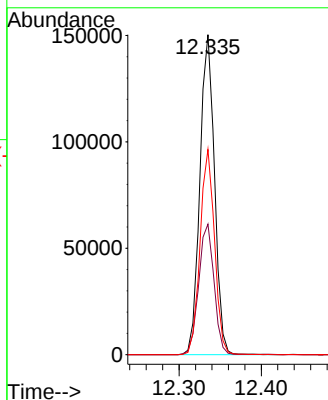
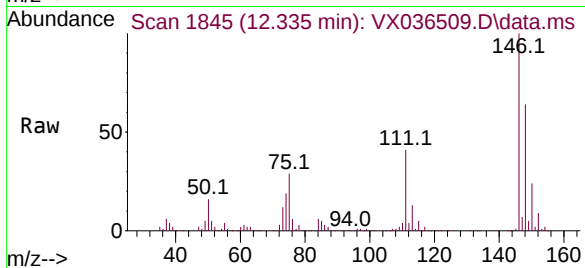




#67
1,2-Dichlorobenzene
Concen: 57.578 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX036509.D
Acq: 12 Jul 2023 15:53

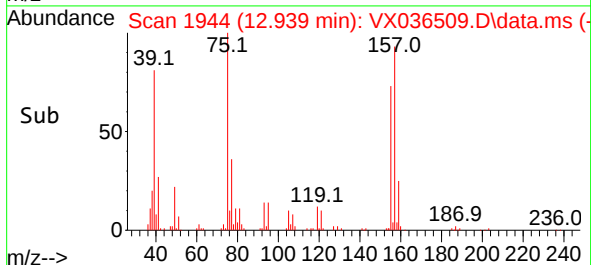
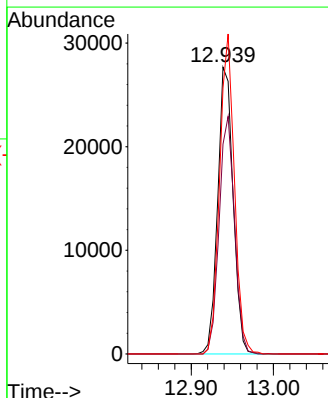
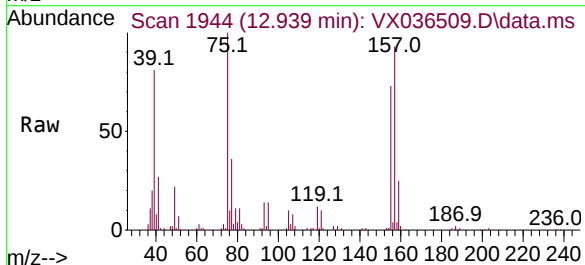
Instrument :
MSVOA_X
ClientSampleId :
VIBLK630

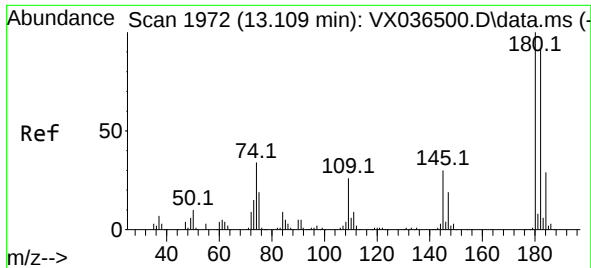
Tgt Ion:146 Resp: 186459
Ion Ratio Lower Upper
146 100
111 40.8 34.4 51.6
148 64.1 51.9 77.9



#68
1,2-Dibromo-3-chloropropane
Concen: 66.173 ug/L
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX036509.D
Acq: 12 Jul 2023 15:53

Tgt Ion: 75 Resp: 36128
Ion Ratio Lower Upper
75 100
155 73.1 68.4 102.6
157 92.7 86.8 130.2

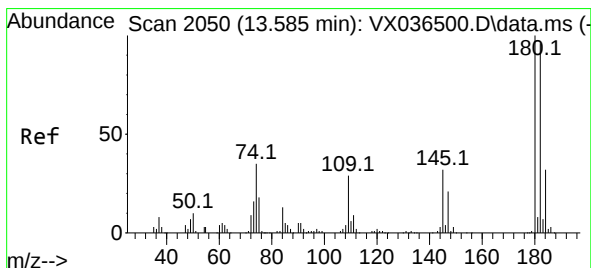
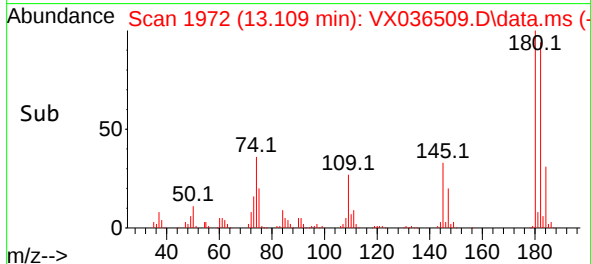
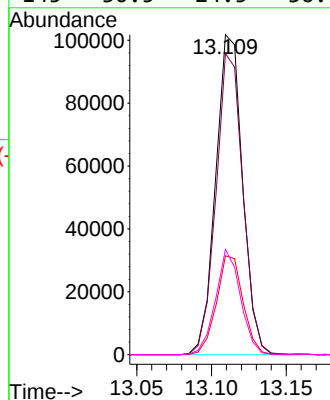
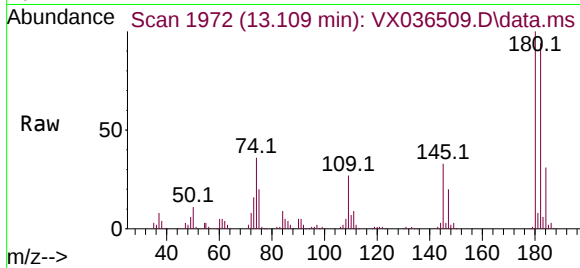




#69
 1,3,5-Trichlorobenzene
 Concen: 58.822 ug/L
 RT: 13.109 min Scan# 1972
 Delta R.T. 0.000 min
 Lab File: VX036509.D
 Acq: 12 Jul 2023 15:53

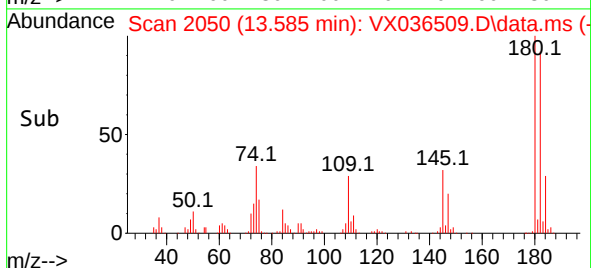
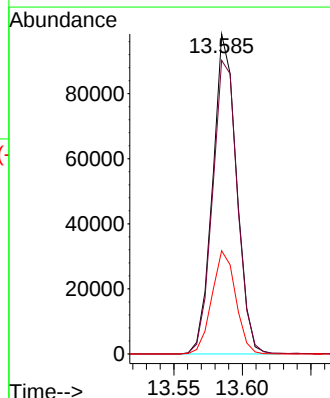
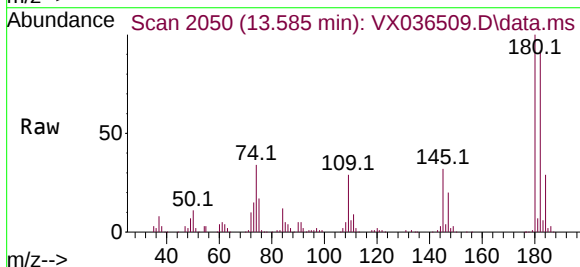
Instrument :
 MSVOA_X
 ClientSampleId :
 VIBLK630

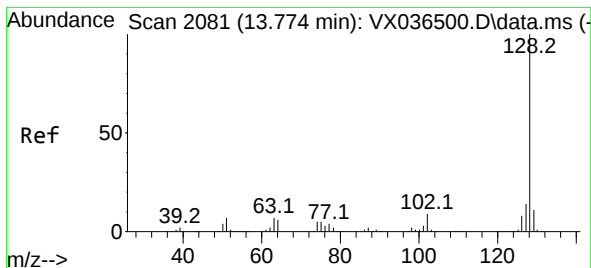
Tgt Ion:180	Resp:	127396
Ion Ratio	Lower	Upper
180	100	
182	94.0	75.2 112.8
184	30.5	23.9 35.9
145	30.5	24.5 36.7



#70
 1,2,4-trichlorobenzene
 Concen: 58.201 ug/L
 RT: 13.585 min Scan# 2050
 Delta R.T. 0.000 min
 Lab File: VX036509.D
 Acq: 12 Jul 2023 15:53

Tgt Ion:180	Resp:	118918
Ion Ratio	Lower	Upper
180	100	
182	95.5	74.7 112.1
145	32.2	25.3 37.9





#71

Naphthalene

Concen: 63.845 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX036509.D

Acq: 12 Jul 2023 15:53

Instrument :

MSVOA_X

ClientSampleId :

VIBLK630

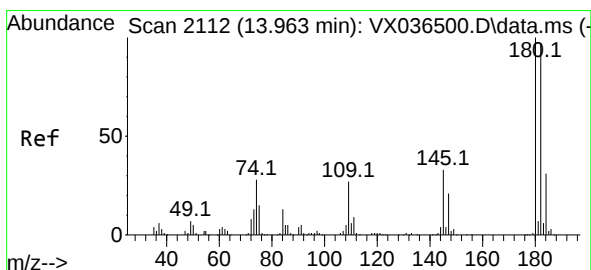
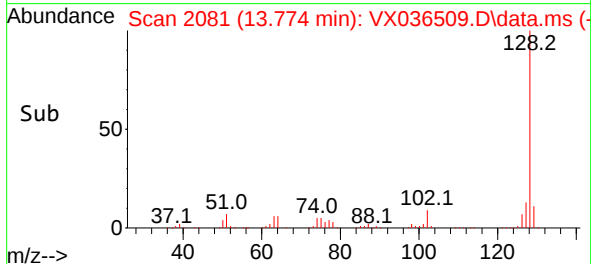
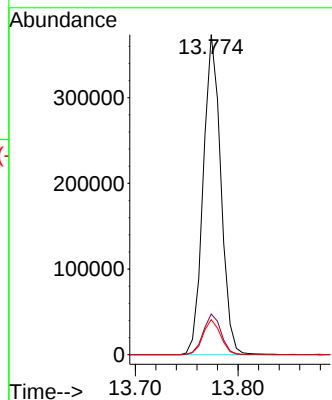
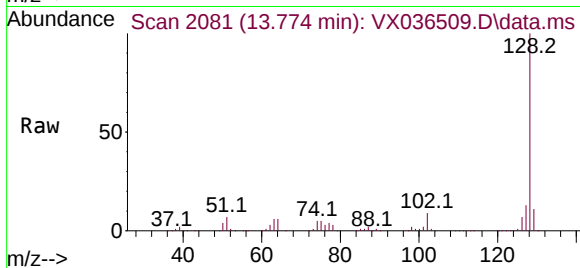
Tgt Ion:128 Resp: 445084

Ion Ratio Lower Upper

128 100

127 12.9 10.6 16.0

129 10.9 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 61.063 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX036509.D

Acq: 12 Jul 2023 15:53

Tgt Ion:180 Resp: 121562

Ion Ratio Lower Upper

180 100

182 97.7 78.6 117.8

145 33.5 27.5 41.3

