

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041224\
 Data File : VW028434.D
 Acq On : 12 Apr 2024 16:27
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 12 23:16:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 12 23:09:31 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	328534	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	301949	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	145420	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	95983	18.224	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.880%
7) Chloroethane-d5	2.905	69	79406	19.892	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.560%
11) 1,1-Dichloroethene-d2	4.027	65	42769	19.175	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.720%
21) 2-Butanone-d5	7.075	46	56097	56.918	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.840%
24) Chloroform-d	7.648	84	191852	22.379	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.520%
26) 1,2-Dichloroethane-d4	8.307	65	111020	24.919	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.680%
32) Benzene-d6	8.270	84	361900	21.940	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.760%
36) 1,2-Dichloropropane-d6	9.276	67	111481	22.737	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.960%
41) Toluene-d8	10.325	98	327667	21.845	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.400%
43) trans-1,3-Dichloroprop...	10.575	79	46230	23.713	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.840%
47) 2-Hexanone-d5	10.922	63	40158	59.128	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.260%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	91600	26.479	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.920%
66) 1,2-Dichlorobenzene-d4	13.848	152	108475	23.587	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	82950	18.772	ug/L	95
3) Chloromethane	2.229	50	104421	20.128	ug/L	99
5) Vinyl chloride	2.381	62	121043	19.592	ug/L	97
6) Bromomethane	2.796	94	76074	19.708	ug/L	98
8) Chloroethane	2.936	64	75046	20.150	ug/L	96
9) Trichlorofluoromethane	3.277	101	93073	18.884	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.088	101	90882	19.600	ug/L	96
12) 1,1-Dichloroethene	4.051	96	86799	19.936	ug/L	88
13) Acetone	4.119	43	49138	40.605	ug/L	97
14) Carbon disulfide	4.393	76	275823	19.242	ug/L	99
15) Methyl Acetate	4.673	43	49703	25.526	ug/L	98
16) Methylene chloride	4.923	84	97605	19.634	ug/L	97
17) trans-1,2-Dichloroethene	5.435	96	94281	20.558	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	161596	25.049	ug/L	99
19) 1,1-Dichloroethane	6.222	63	191067	21.383	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	106253	21.829	ug/L	97
22) 2-Butanone	7.173	43	65042	44.288	ug/L	100
23) Bromochloromethane	7.520	128	46174	22.023	ug/L	97
25) Chloroform	7.679	83	193579	22.054	ug/L	94

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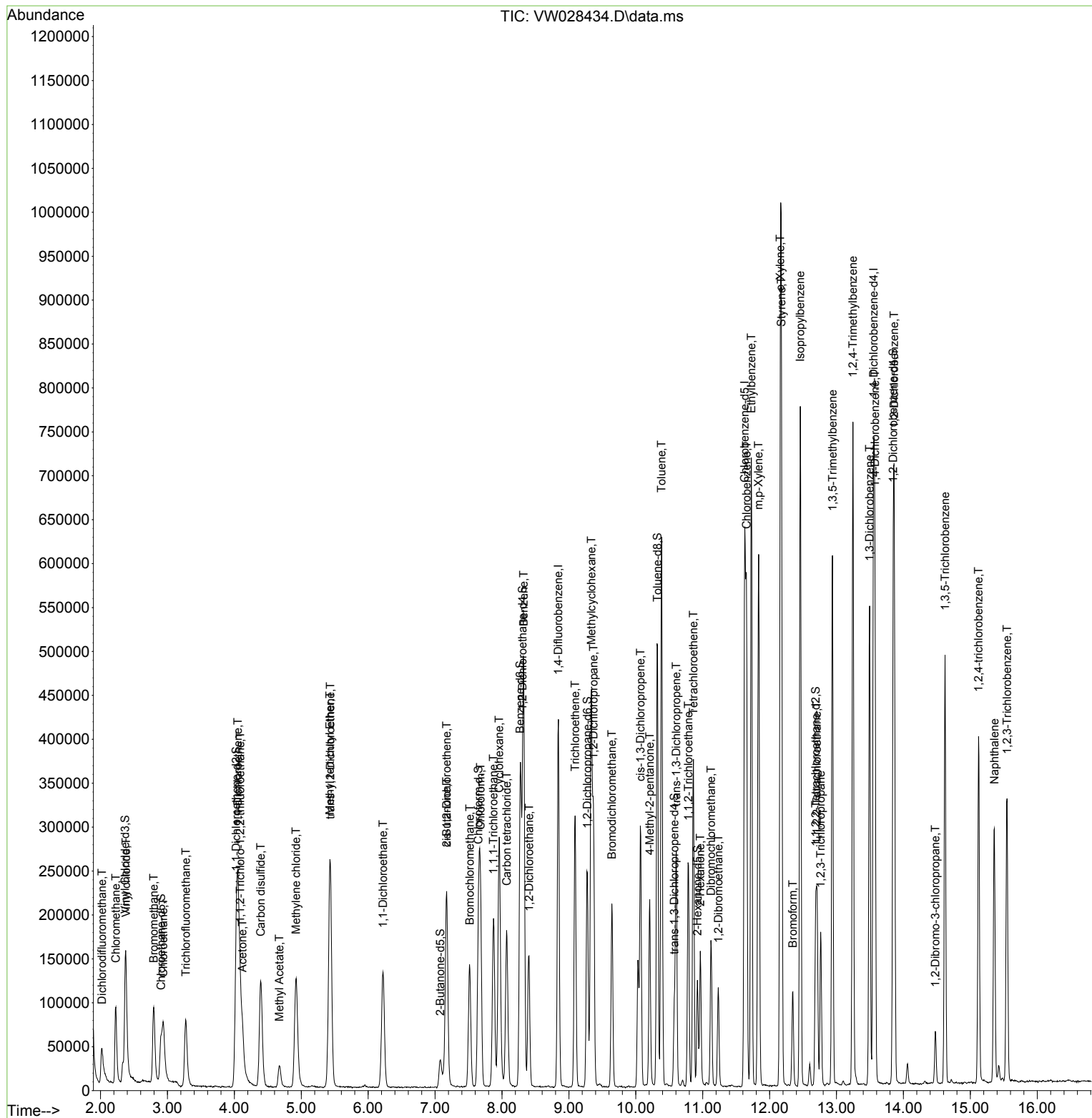
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.404	62	141335	23.329	ug/L	99
29) Cyclohexane	7.959	56	163303	20.475	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	153675	20.985	ug/L	98
31) Carbon tetrachloride	8.069	117	131072	20.184	ug/L	97
33) Benzene	8.325	78	403249	21.360	ug/L	100
34) Trichloroethene	9.093	95	106104	20.739	ug/L	96
35) Methylcyclohexane	9.337	83	173642	19.889	ug/L	99
37) 1,2-Dichloropropane	9.368	63	108490	22.049	ug/L	100
38) Bromodichloromethane	9.642	83	135773	22.262	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	165009	22.868	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	140739	57.137	ug/L	99
42) Toluene	10.386	91	432491	21.624	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	135815	23.267	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	78626	23.619	ug/L	94
46) Tetrachloroethene	10.861	164	75992	19.885	ug/L	93
48) 2-Hexanone	10.965	43	98065	50.156	ug/L	98
49) Dibromochloromethane	11.123	129	83640	23.507	ug/L	97
50) 1,2-Dibromoethane	11.233	107	72086	23.725	ug/L	94
51) Chlorobenzene	11.654	112	262074	21.081	ug/L	99
52) Ethylbenzene	11.727	91	489954	21.611	ug/L	99
53) m,p-Xylene	11.837	106	180762	21.440	ug/L	92
54) o-Xylene	12.160	106	171266	21.816	ug/L	98
55) Styrene	12.178	104	296507	22.192	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.708	83	92420	24.532	ug/L	97
59) Bromoform	12.349	173	46636	24.295	ug/L	99
60) Isopropylbenzene	12.458	105	480673	22.048	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	69459	26.125	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	309418	22.268	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	391220	23.395	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	205429	22.208	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	204951	21.780	ug/L	97
67) 1,2-Dichlorobenzene	13.861	146	184179	22.635	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	15103	24.790	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	138608	21.775	ug/L	96
70) 1,2,4-trichlorobenzene	15.123	180	114275	22.989	ug/L	93
71) Naphthalene	15.360	128	246151	27.980	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	103807	23.534	ug/L	98

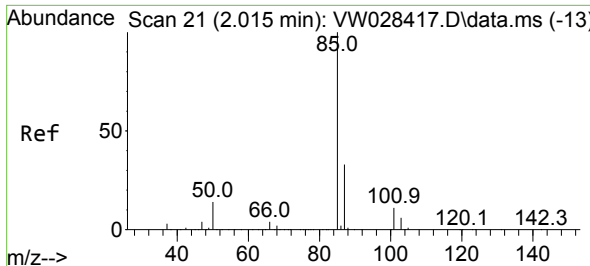
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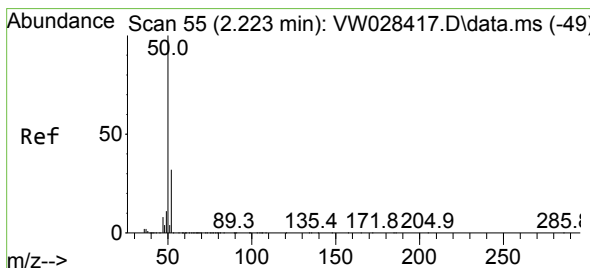
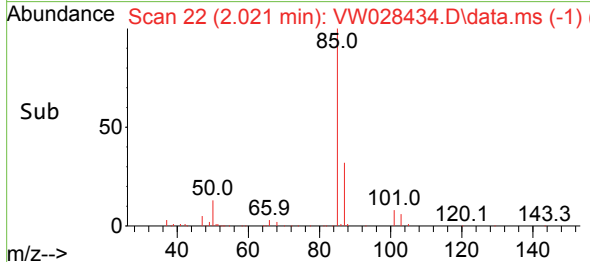
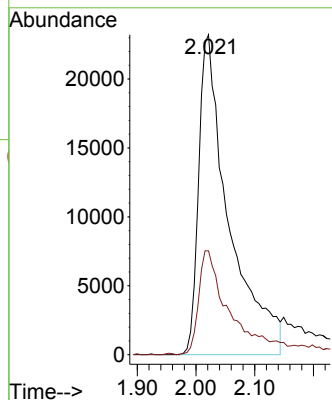
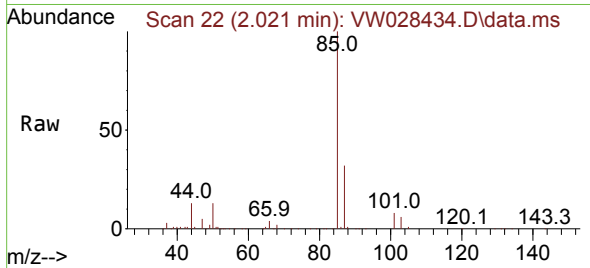




#2
 Dichlorodifluoromethane
 Concen: 18.772 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW028434.D
 Acq: 12 Apr 2024 16:27

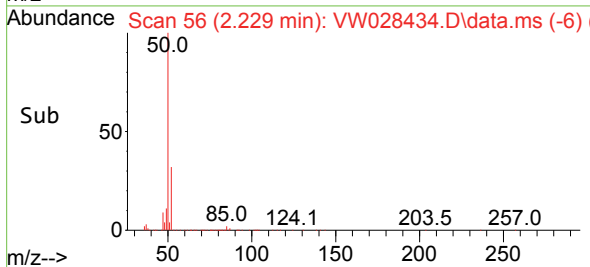
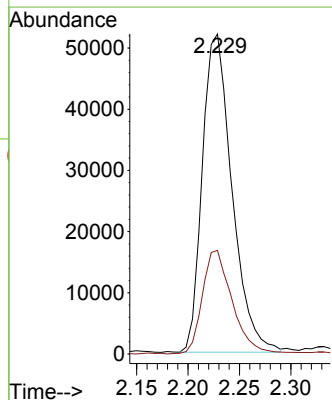
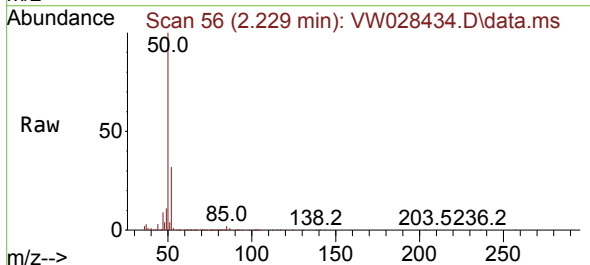
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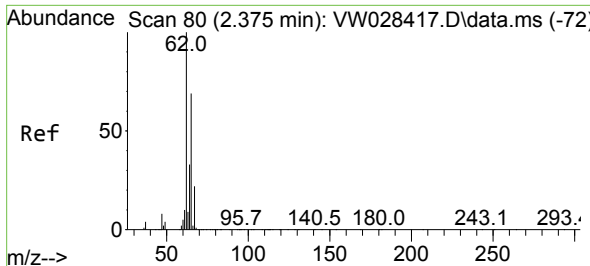
Tgt Ion: 85 Resp: 82950
 Ion Ratio Lower Upper
 85 100
 87 31.7 23.4 35.0



#3
 Chloromethane
 Concen: 20.128 ug/L
 RT: 2.229 min Scan# 56
 Delta R.T. 0.006 min
 Lab File: VW028434.D
 Acq: 12 Apr 2024 16:27

Tgt Ion: 50 Resp: 104421
 Ion Ratio Lower Upper
 50 100
 52 32.3 23.0 42.6

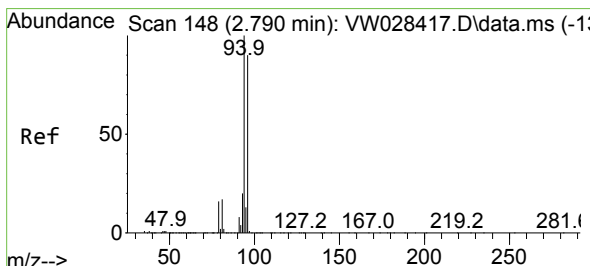
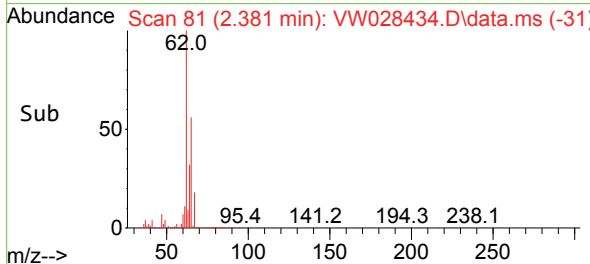
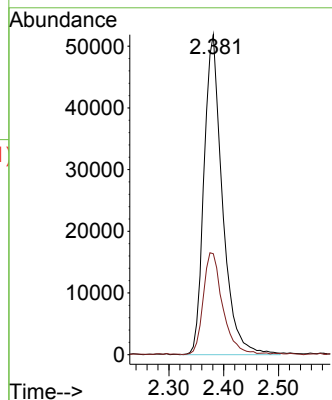
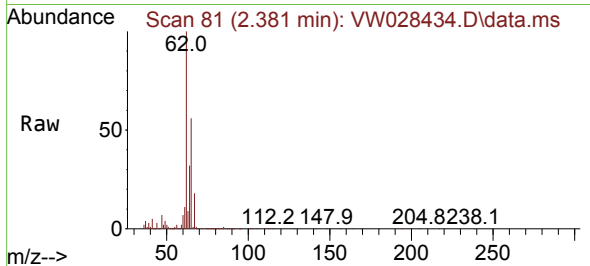




#5
 Vinyl chloride
 Concen: 19.592 ug/L
 RT: 2.381 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: VW028434.D
 Acq: 12 Apr 2024 16:27

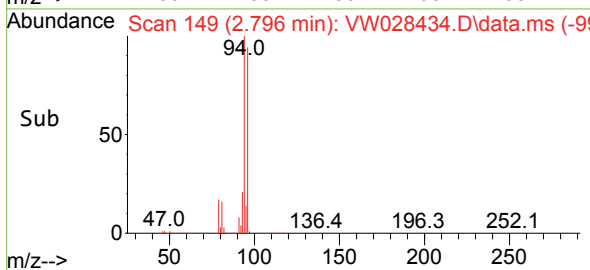
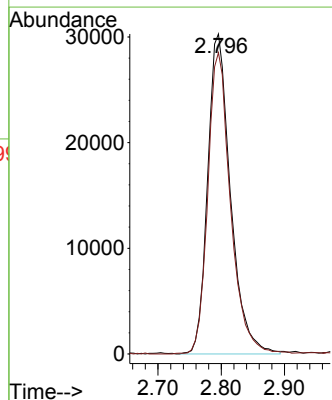
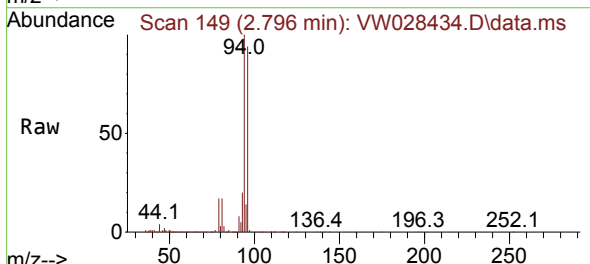
Instrument :
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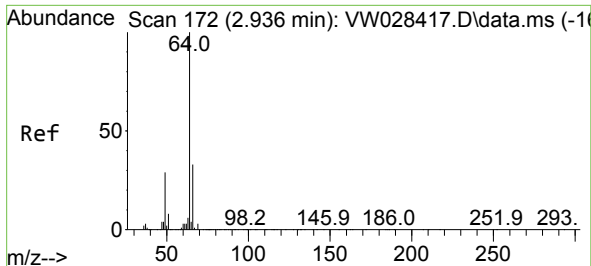
Tgt Ion: 62 Resp: 121043
 Ion Ratio Lower Upper
 62 100
 64 31.6 23.1 42.9



#6
 Bromomethane
 Concen: 19.708 ug/L
 RT: 2.796 min Scan# 149
 Delta R.T. 0.006 min
 Lab File: VW028434.D
 Acq: 12 Apr 2024 16:27

Tgt Ion: 94 Resp: 76074
 Ion Ratio Lower Upper
 94 100
 96 94.2 64.3 119.5





#8

Chloroethane

Concen: 20.150 ug/L

RT: 2.936 min Scan# 172

Delta R.T. -0.000 min

Lab File: VW028434.D

Acq: 12 Apr 2024 16:27

Instrument :

MSVOA_W

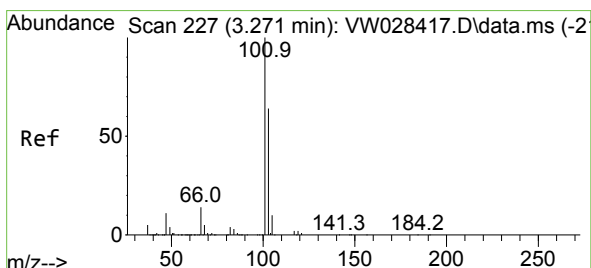
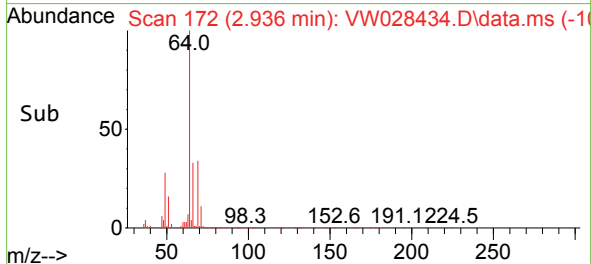
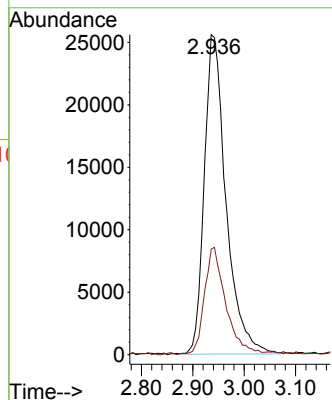
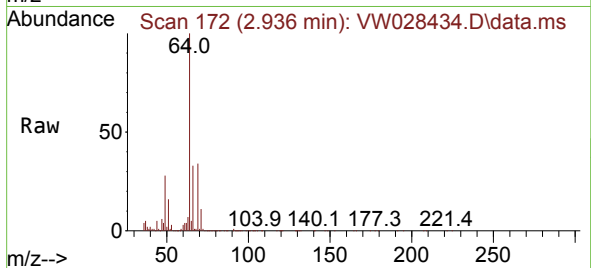
ClientSampleId :

Tgt Ion: 64 Resp: 75046

Ion Ratio Lower Upper

64 100

66 33.0 21.7 40.3



#9

Trichlorofluoromethane

Concen: 18.884 ug/L

RT: 3.277 min Scan# 228

Delta R.T. 0.006 min

Lab File: VW028434.D

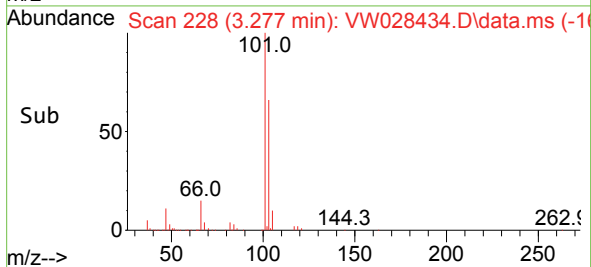
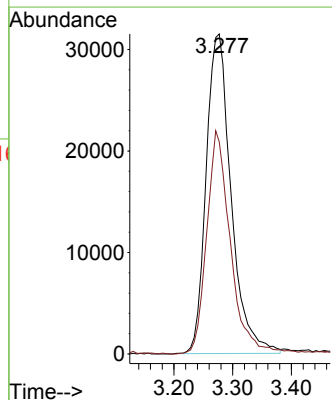
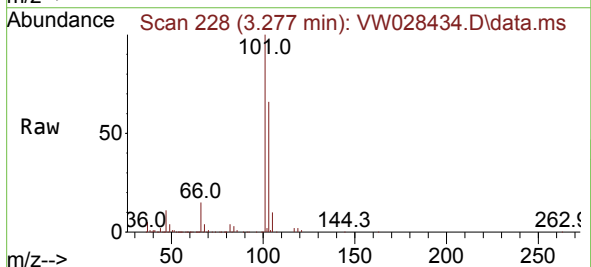
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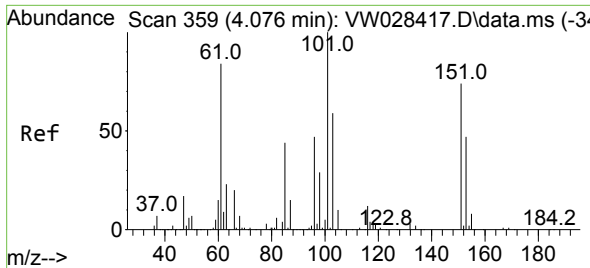
Tgt Ion: 101 Resp: 93073

Ion Ratio Lower Upper

101 100

103 65.8 52.0 78.0

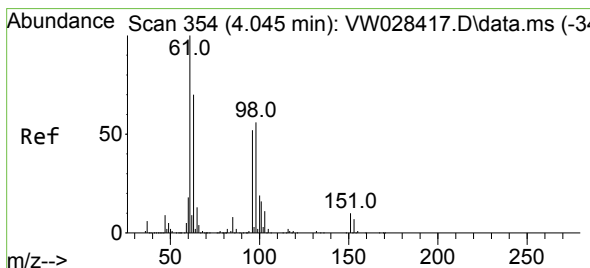
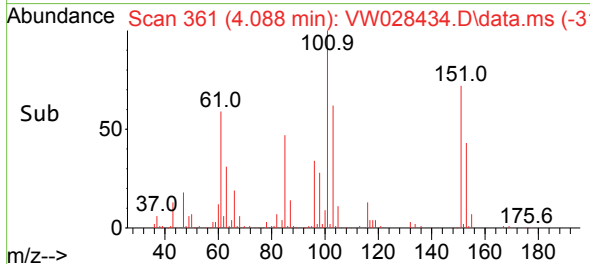
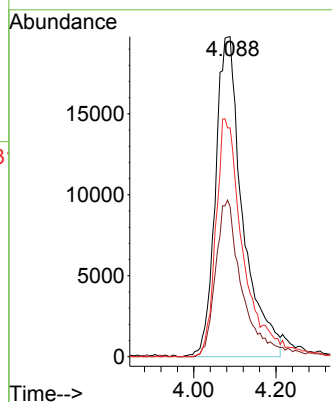
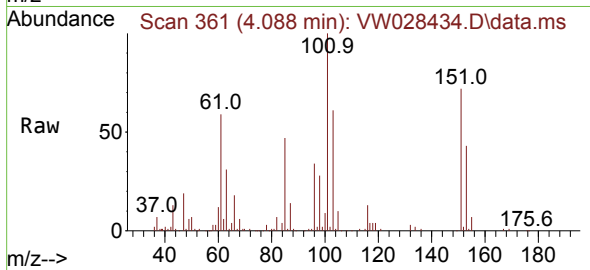




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 19.600 ug/L
 RT: 4.088 min Scan# 30
 Delta R.T. 0.012 min
 Lab File: VW028434.D
 Acq: 12 Apr 2024 16:27

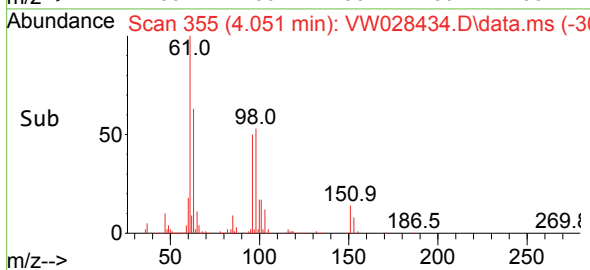
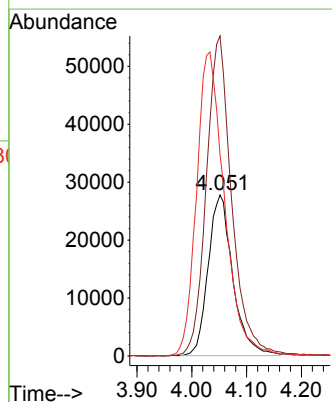
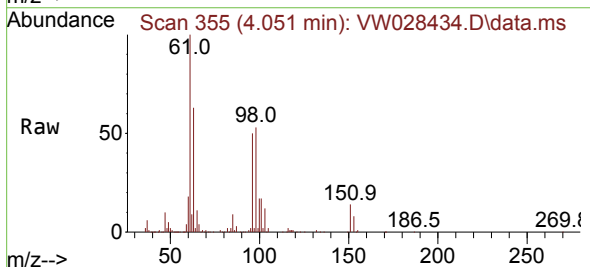
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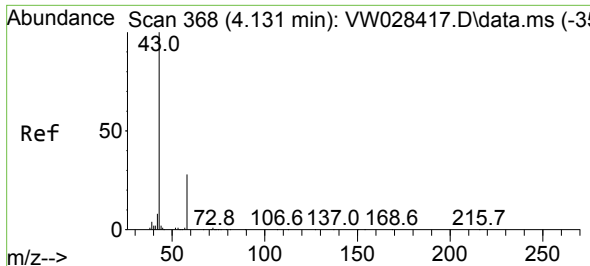
Tgt Ion:101 Resp: 90882
 Ion Ratio Lower Upper
 101 100
 85 45.2 34.5 51.7
 151 68.2 57.5 86.3



#12
 1,1-Dichloroethene
 Concen: 19.936 ug/L
 RT: 4.051 min Scan# 355
 Delta R.T. 0.006 min
 Lab File: VW028434.D
 Acq: 12 Apr 2024 16:27

Tgt Ion: 96 Resp: 86799
 Ion Ratio Lower Upper
 96 100
 61 198.8 130.5 242.5
 63 125.1 101.5 188.5

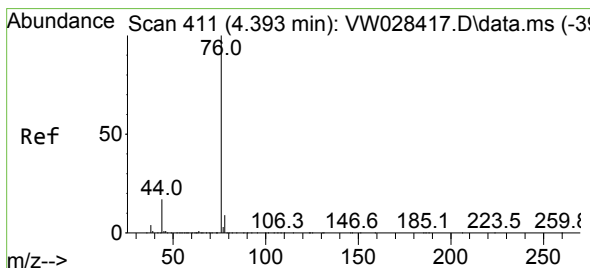
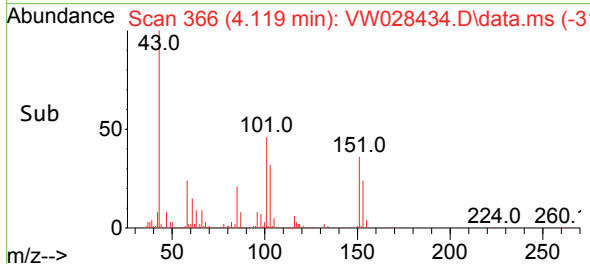
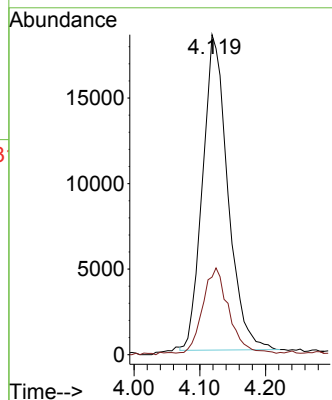
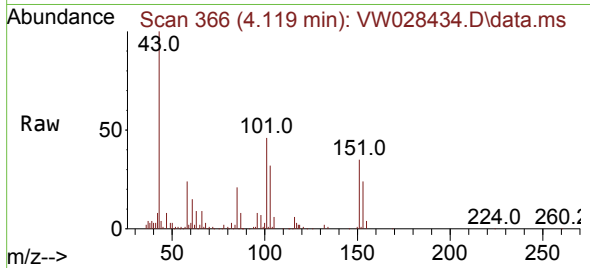




#13
Acetone
Concen: 40.605 ug/L
RT: 4.119 min Scan# 366
Delta R.T. -0.012 min
Lab File: VW028434.D
Acq: 12 Apr 2024 16:27

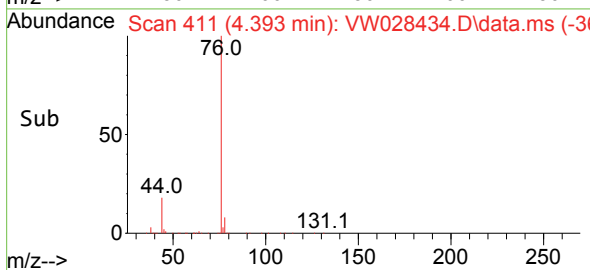
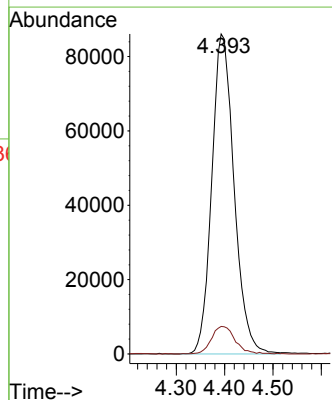
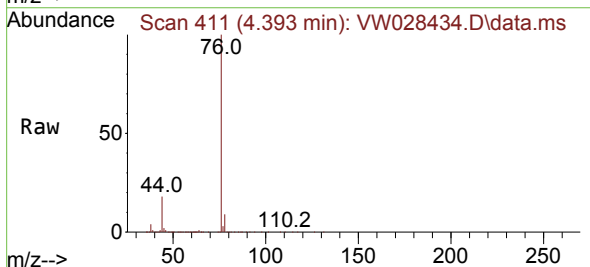
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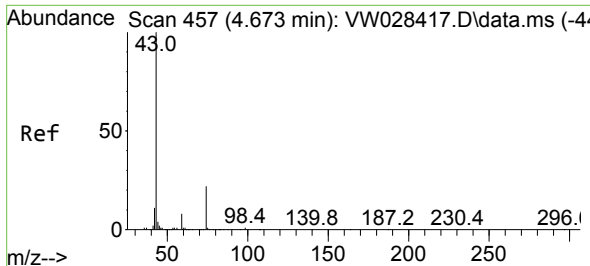
Tgt Ion: 43 Resp: 49138
Ion Ratio Lower Upper
43 100
58 28.5 0.0 53.4



#14
Carbon disulfide
Concen: 19.242 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 275823
Ion Ratio Lower Upper
76 100
78 8.6 7.3 10.9

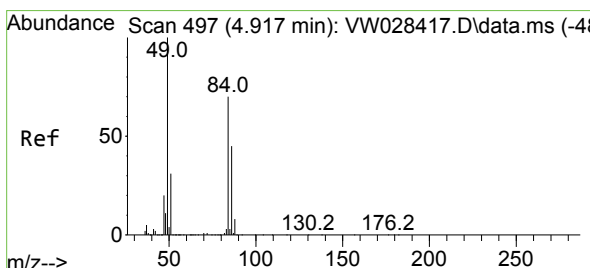
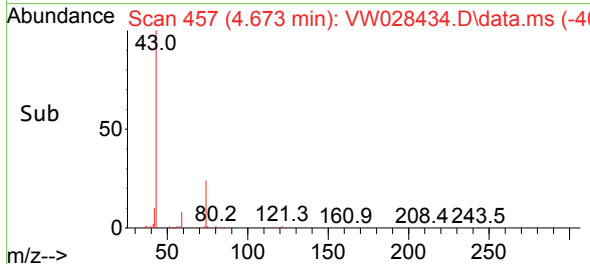
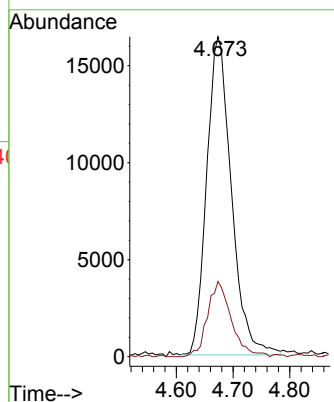
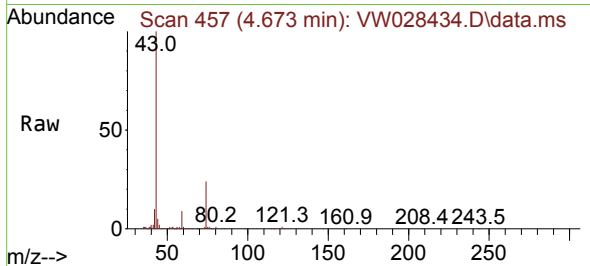




#15
Methyl Acetate
Concen: 25.526 ug/L
RT: 4.673 min Scan# 457
Delta R.T. -0.000 min
Lab File: VW028434.D
Acq: 12 Apr 2024 16:27

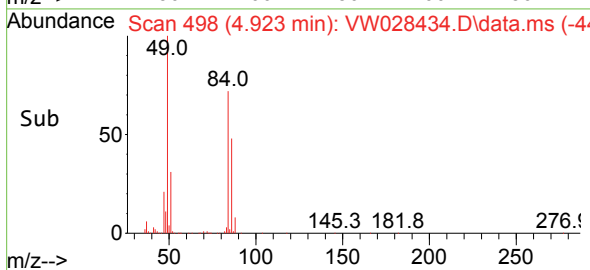
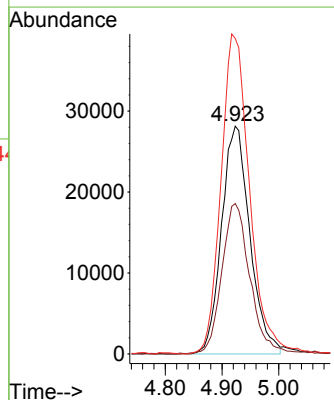
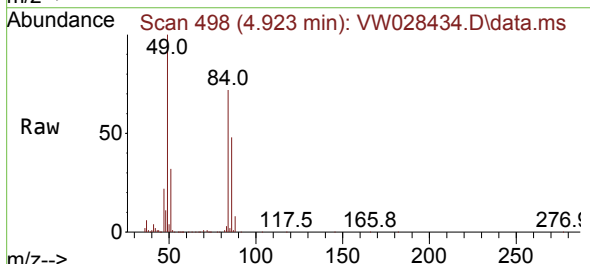
Instrument :
MSVOA_W
ClientSampleId :

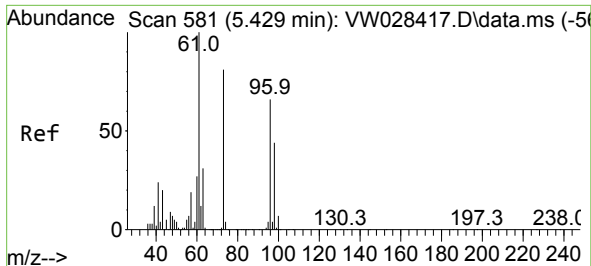
Tgt Ion: 43 Resp: 49703
Ion Ratio Lower Upper
43 100
74 22.5 17.4 26.0



#16
Methylene chloride
Concen: 19.634 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW028434.D
Acq: 12 Apr 2024 16:27

Tgt Ion: 84 Resp: 97605
Ion Ratio Lower Upper
84 100
86 66.0 44.2 82.0
49 138.4 95.0 176.4

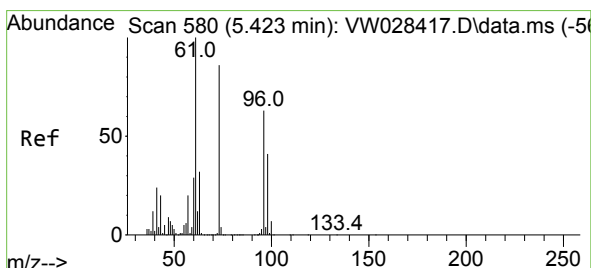
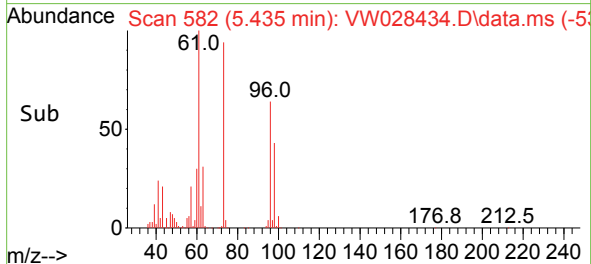
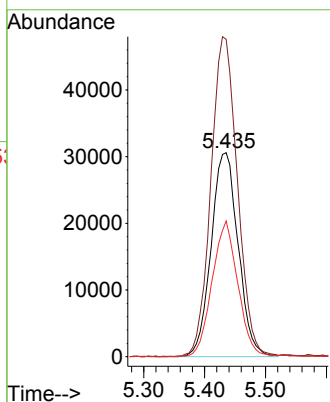
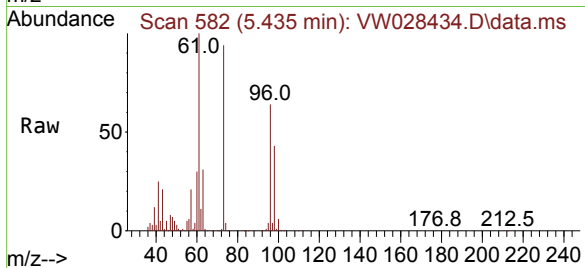




#17
trans-1,2-Dichloroethene
Concen: 20.558 ug/L
RT: 5.435 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW028434.D
Acq: 12 Apr 2024 16:27

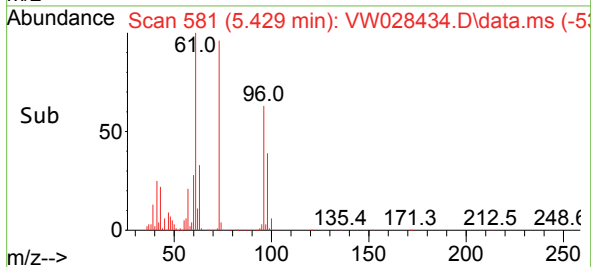
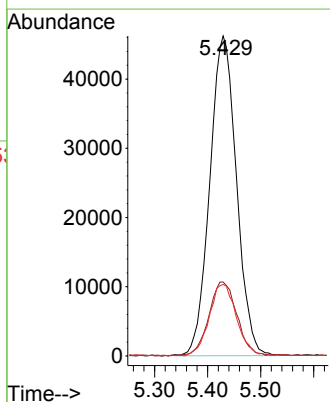
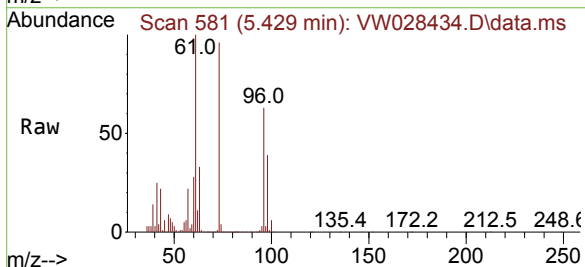
Instrument :
MSVOA_W
ClientSampleId :

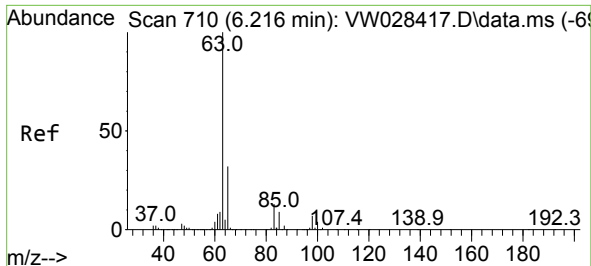
Tgt Ion: 96 Resp: 94281
Ion Ratio Lower Upper
96 100
61 155.6 108.4 201.4
98 66.5 45.6 84.8



#18
Methyl tert-butyl Ether
Concen: 25.049 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW028434.D
Acq: 12 Apr 2024 16:27

Tgt Ion: 73 Resp: 161596
Ion Ratio Lower Upper
73 100
43 24.0 18.5 27.7
57 22.9 18.2 27.4





#19

1,1-Dichloroethane

Concen: 21.383 ug/L

RT: 6.222 min Scan# 711

Delta R.T. 0.006 min

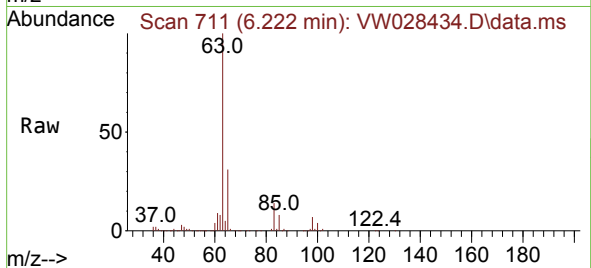
Lab File: VW028434.D

Acq: 12 Apr 2024 16:27

Instrument :

MSVOA_W

ClientSampleId :



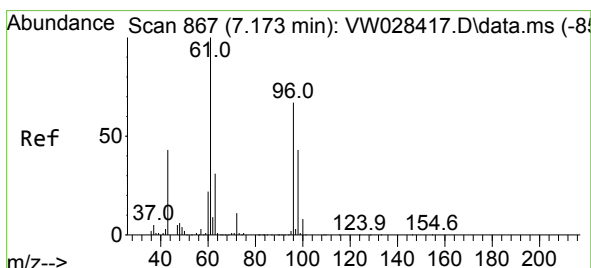
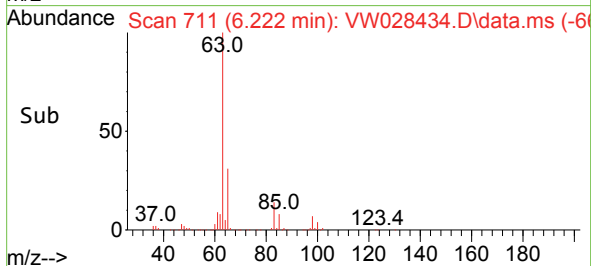
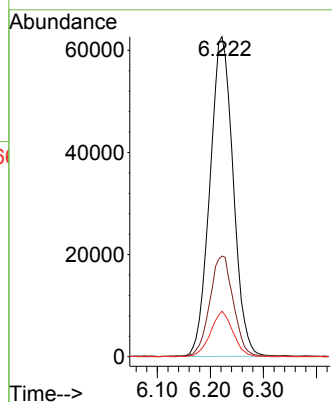
Tgt Ion: 63 Resp: 191067

Ion Ratio Lower Upper

63 100

65 31.4 21.8 40.4

83 14.2 9.0 16.8



#20

cis-1,2-Dichloroethene

Concen: 21.829 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW028434.D

Acq: 12 Apr 2024 16:27

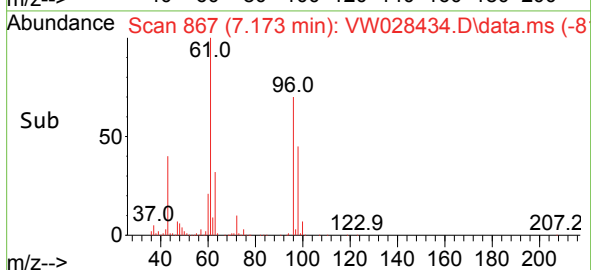
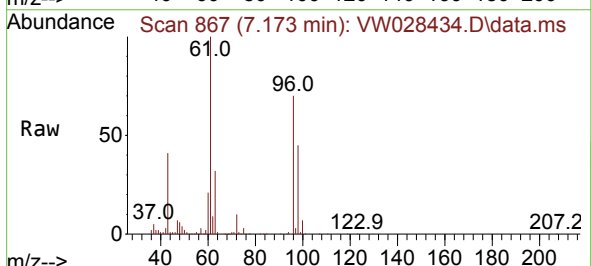
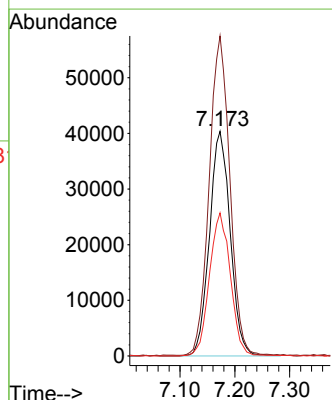
Tgt Ion: 96 Resp: 106253

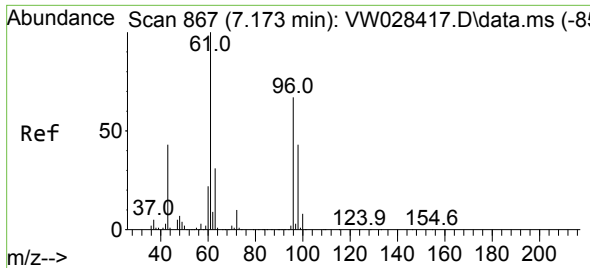
Ion Ratio Lower Upper

96 100

61 142.4 97.6 181.2

98 63.6 47.7 88.5

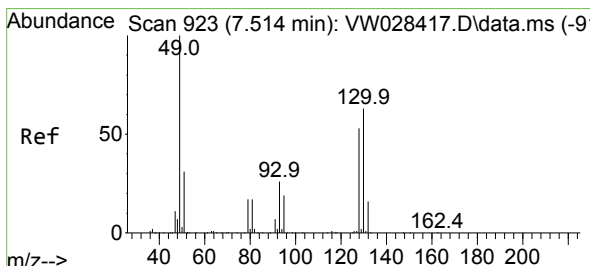
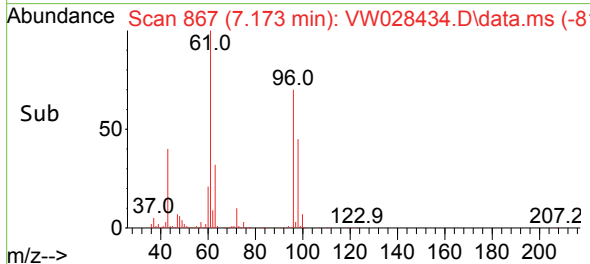
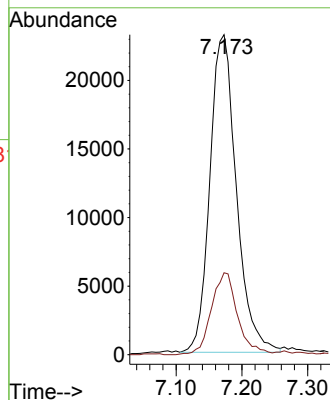
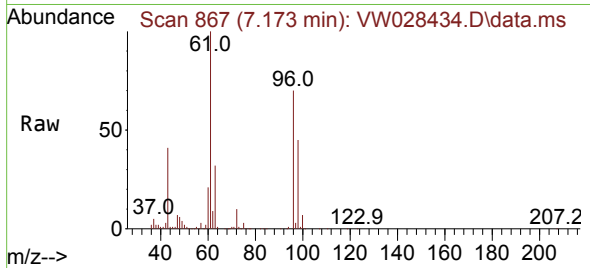




#22
2-Butanone
Concen: 44.288 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW028434.D
Acq: 12 Apr 2024 16:27

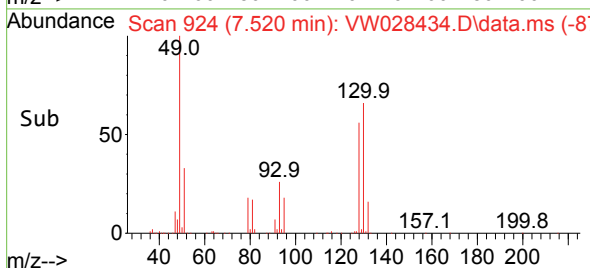
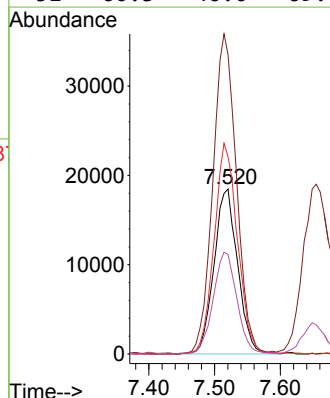
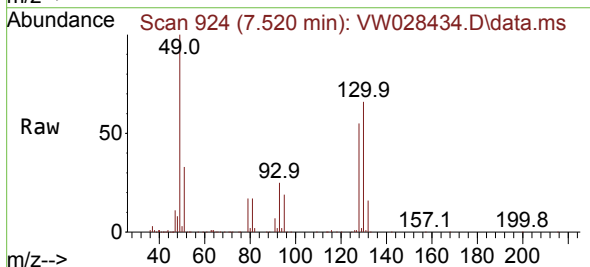
Instrument :
MSVOA_W
ClientSampleId :

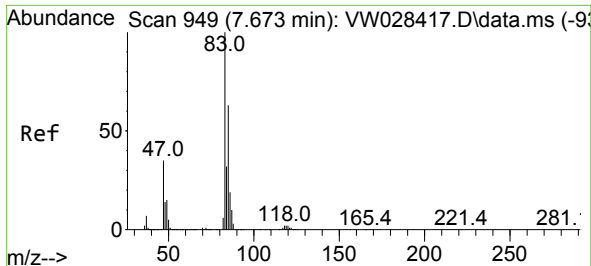
Tgt Ion: 43 Resp: 65042
Ion Ratio Lower Upper
43 100
72 25.4 12.8 38.4



#23
Bromochloromethane
Concen: 22.023 ug/L
RT: 7.520 min Scan# 924
Delta R.T. 0.006 min
Lab File: VW028434.D
Acq: 12 Apr 2024 16:27

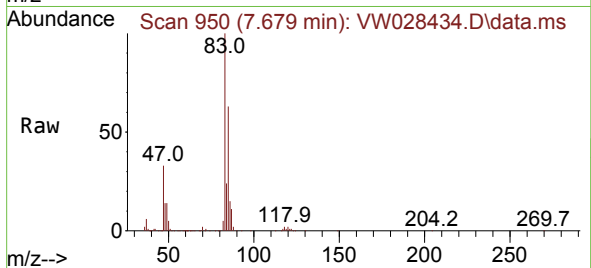
Tgt Ion:128 Resp: 46174
Ion Ratio Lower Upper
128 100
49 181.4 127.1 236.0
130 119.5 78.3 145.5
51 60.3 46.0 69.0



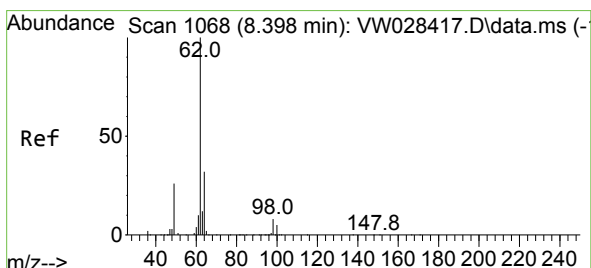
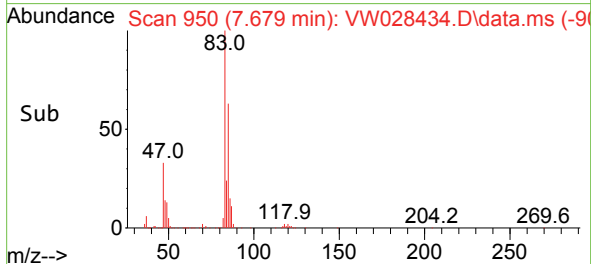
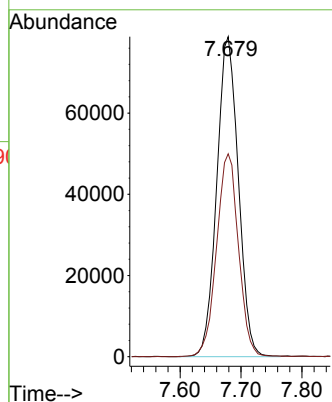


#25
Chloroform
Concen: 22.054 ug/L
RT: 7.679 min Scan# 949
Delta R.T. 0.006 min
Lab File: VW028434.D
Acq: 12 Apr 2024 16:27

Instrument :
MSVOA_W
ClientSampleId :

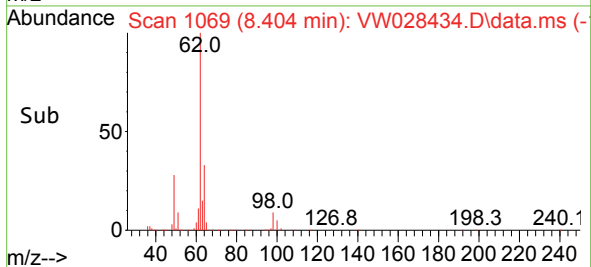
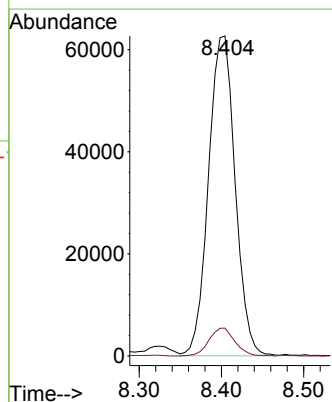
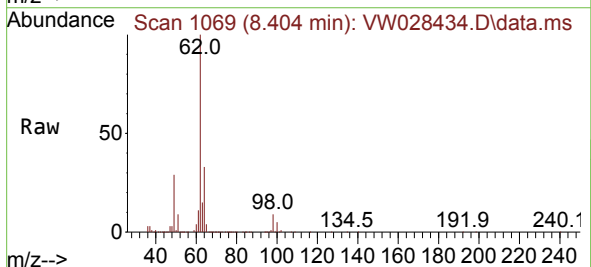


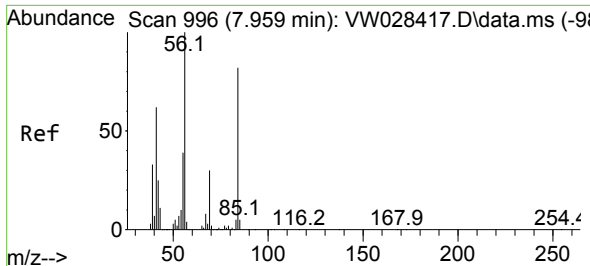
Tgt Ion: 83 Resp: 193579
Ion Ratio Lower Upper
83 100
85 63.4 47.7 88.7



#27
1,2-Dichloroethane
Concen: 23.329 ug/L
RT: 8.404 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VW028434.D
Acq: 12 Apr 2024 16:27

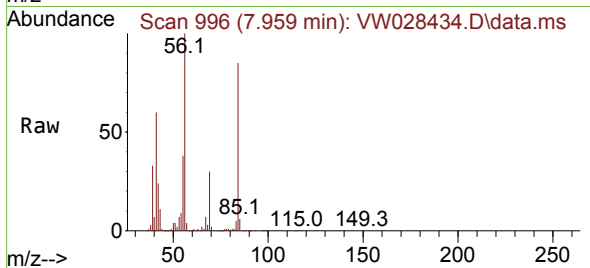
Tgt Ion: 62 Resp: 141335
Ion Ratio Lower Upper
62 100
98 8.7 6.6 10.0



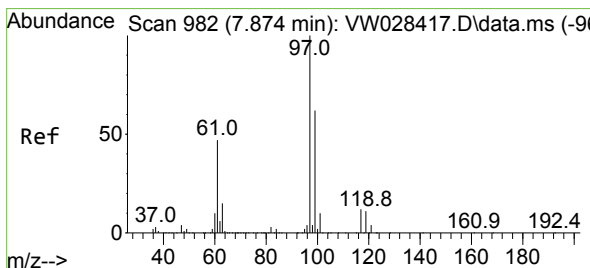
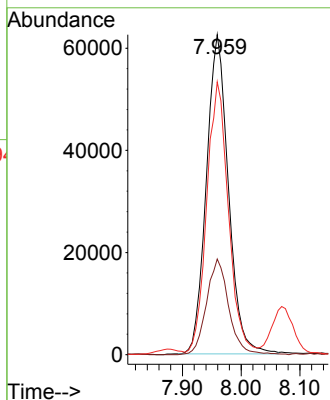
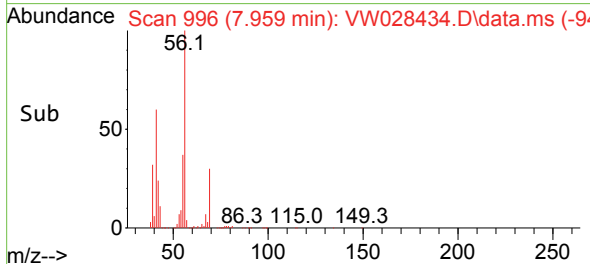


#29
Cyclohexane
Concen: 20.475 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW028434.D
Acq: 12 Apr 2024 16:27

Instrument :
MSVOA_W
ClientSampleId :

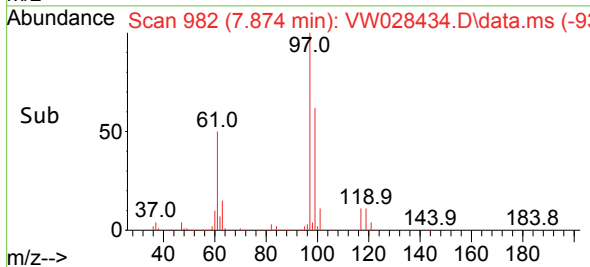
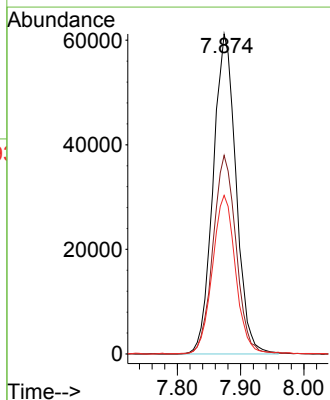
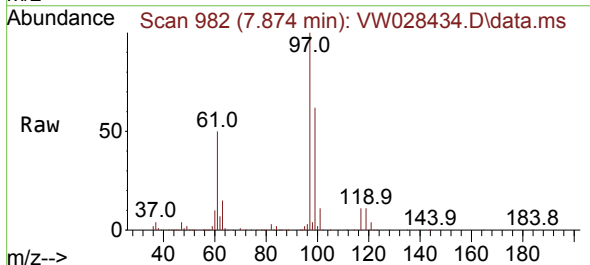


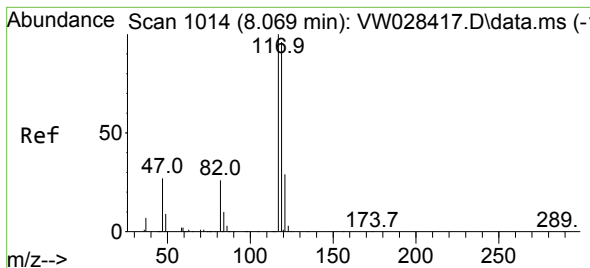
Tgt Ion: 56 Resp: 163303
Ion Ratio Lower Upper
56 100
69 29.9 23.8 35.6
84 83.9 65.9 98.9



#30
1,1,1-Trichloroethane
Concen: 20.985 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW028434.D
Acq: 12 Apr 2024 16:27

Tgt Ion: 97 Resp: 153675
Ion Ratio Lower Upper
97 100
99 62.5 51.4 77.2
61 50.1 40.5 60.7

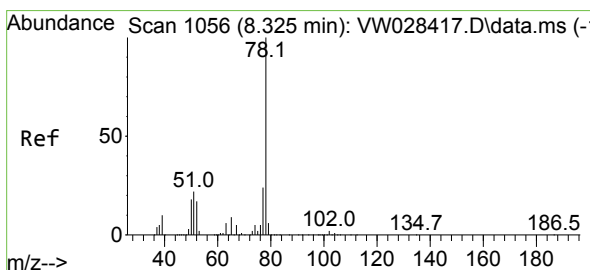
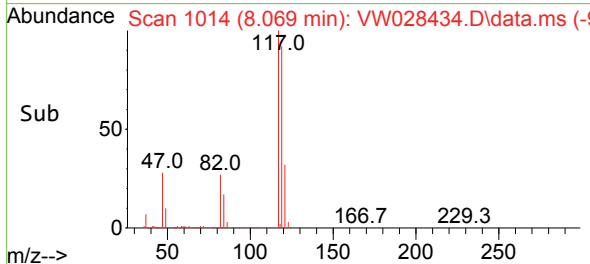
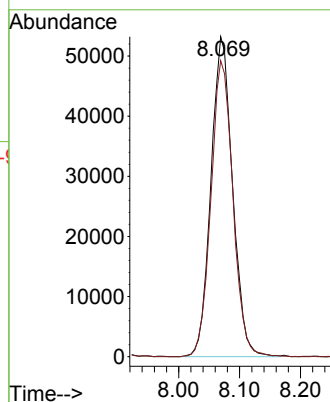
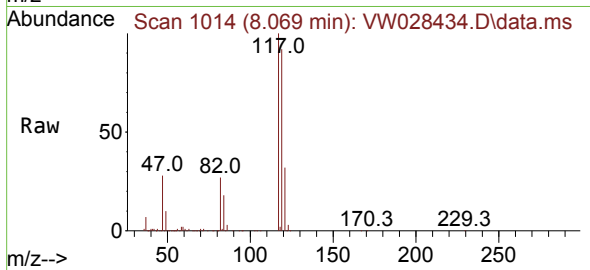




#31
Carbon tetrachloride
Concen: 20.184 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW028434.D
Acq: 12 Apr 2024 16:27

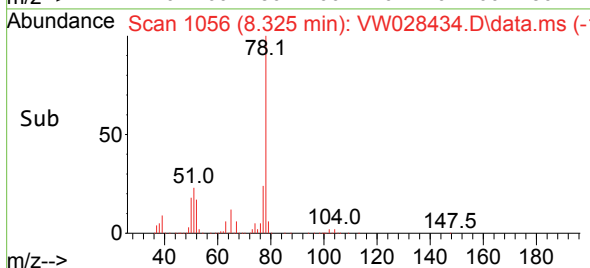
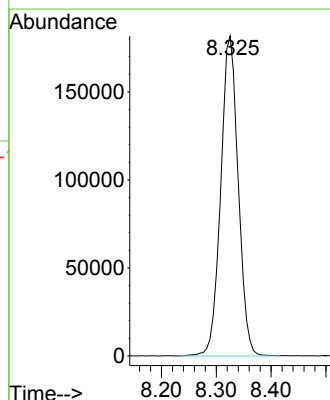
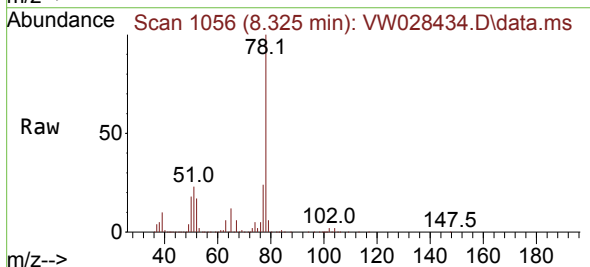
Instrument :
MSVOA_W
ClientSampleId :

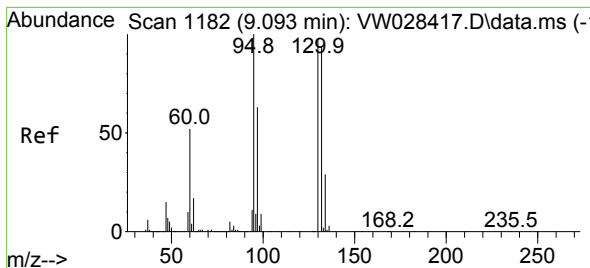
Tgt Ion:117 Resp: 131072
Ion Ratio Lower Upper
117 100
119 93.9 77.4 116.2



#33
Benzene
Concen: 21.360 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW028434.D
Acq: 12 Apr 2024 16:27

Tgt Ion: 78 Resp: 403249





#34

Trichloroethene

Concen: 20.739 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

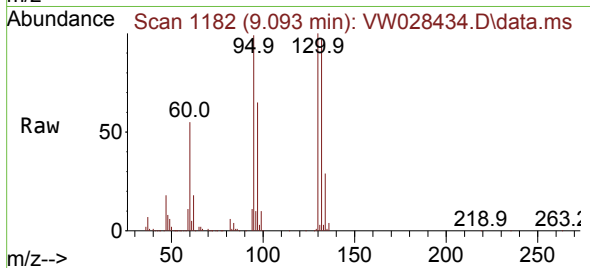
Lab File: VW028434.D

Acq: 12 Apr 2024 16:27

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 106104

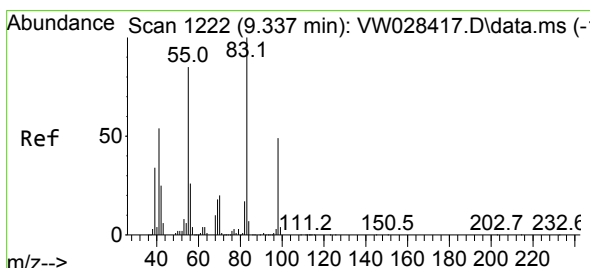
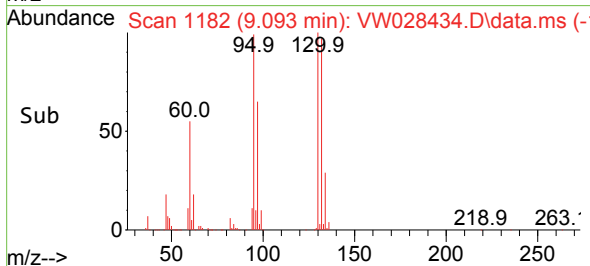
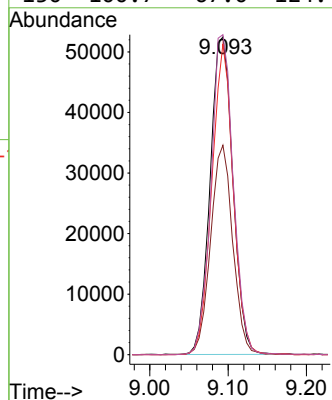
Ion Ratio Lower Upper

95 100

97 65.9 43.8 81.4

132 97.8 66.1 122.8

130 100.7 67.0 124.4



#35

Methylcyclohexane

Concen: 19.889 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW028434.D

Acq: 12 Apr 2024 16:27

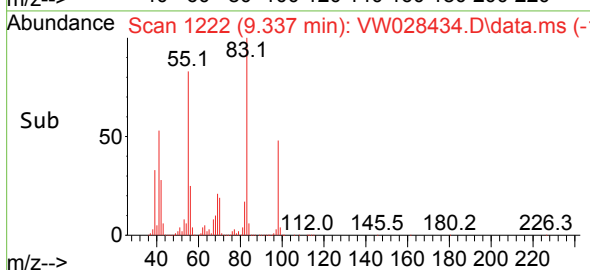
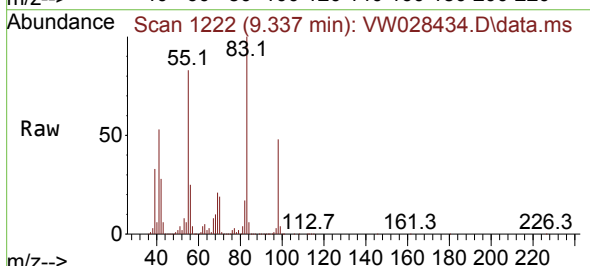
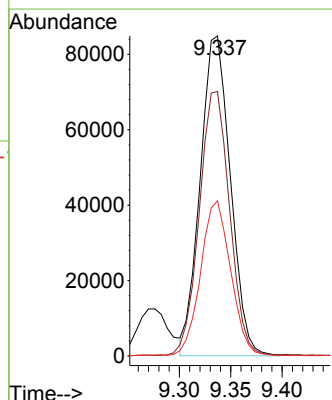
Tgt Ion: 83 Resp: 173642

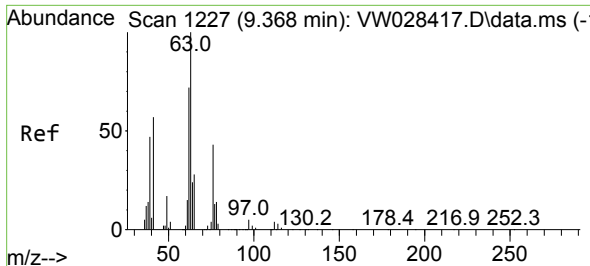
Ion Ratio Lower Upper

83 100

55 83.3 65.7 98.5

98 48.2 38.6 58.0





#37

1,2-Dichloropropane

Concen: 22.049 ug/L

RT: 9.368 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW028434.D

Acq: 12 Apr 2024 16:27

Instrument :

MSVOA_W

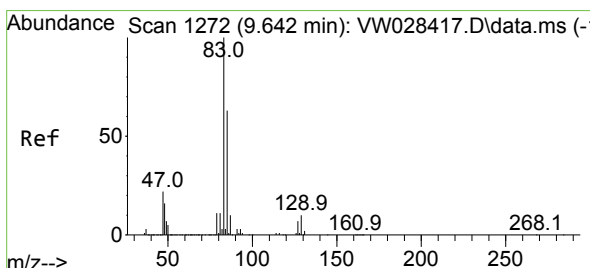
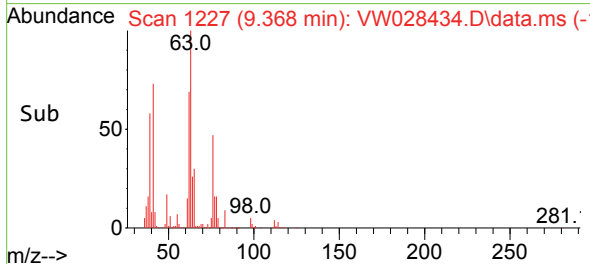
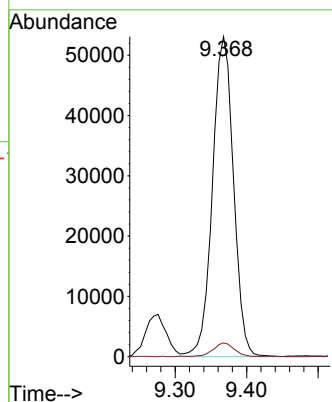
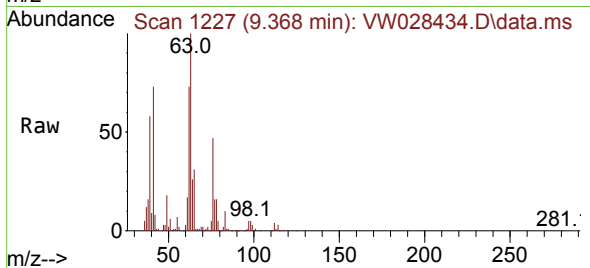
ClientSampleId :

Tgt Ion: 63 Resp: 108490

Ion Ratio Lower Upper

63 100

112 4.4 3.6 5.4



#38

Bromodichloromethane

Concen: 22.262 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW028434.D

Acq: 12 Apr 2024 16:27

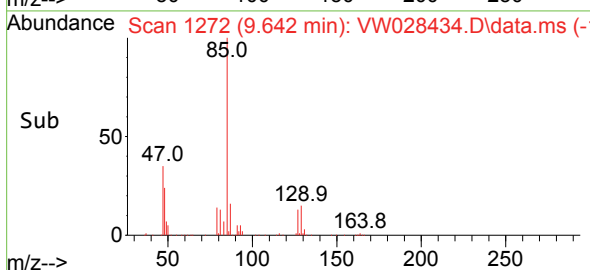
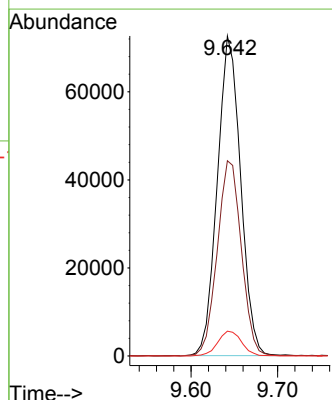
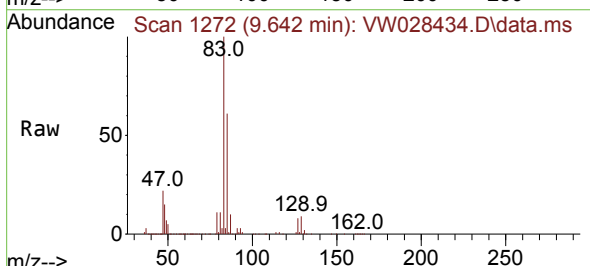
Tgt Ion: 83 Resp: 135773

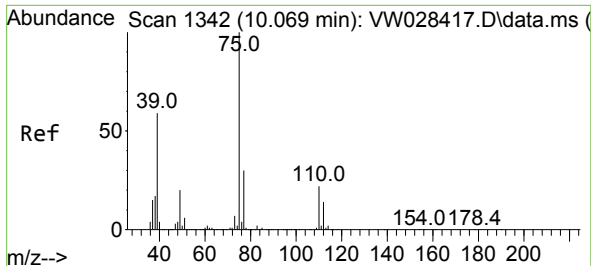
Ion Ratio Lower Upper

83 100

85 61.0 43.1 80.1

127 7.8 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 22.868 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VW028434.D

Acq: 12 Apr 2024 16:27

Instrument :

MSVOA_W

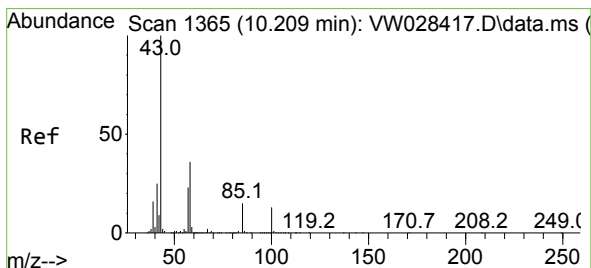
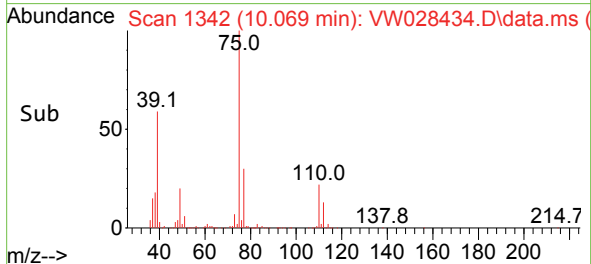
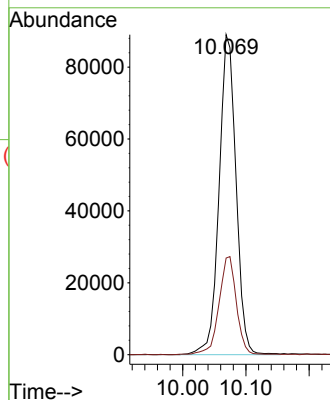
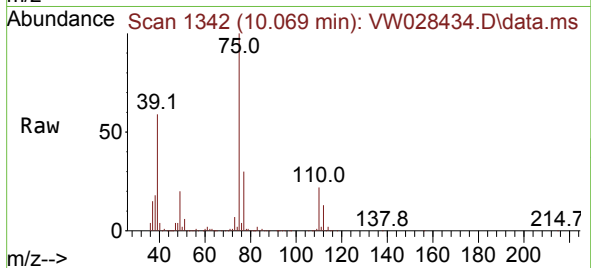
ClientSampleId :

Tgt Ion: 75 Resp: 165009

Ion Ratio Lower Upper

75 100

77 30.2 21.3 39.5



#40

4-Methyl-2-pentanone

Concen: 57.137 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW028434.D

Acq: 12 Apr 2024 16:27

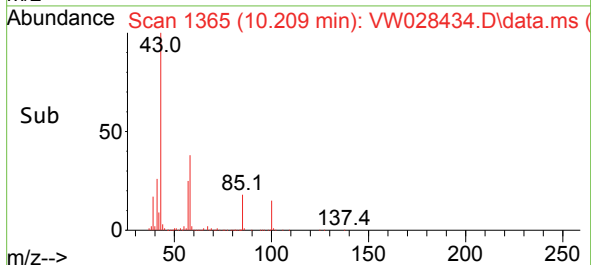
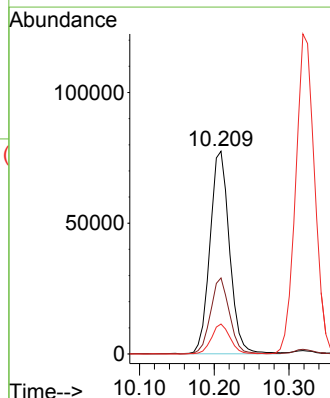
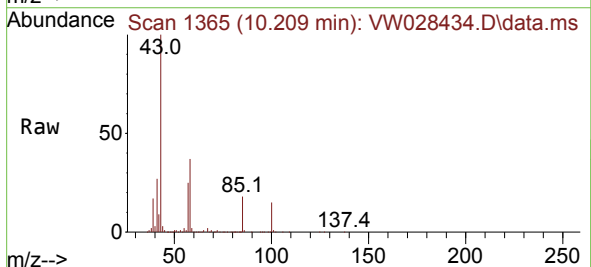
Tgt Ion: 43 Resp: 140739

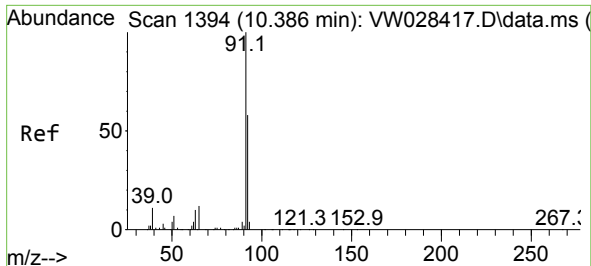
Ion Ratio Lower Upper

43 100

58 36.4 28.6 43.0

100 14.3 10.6 16.0

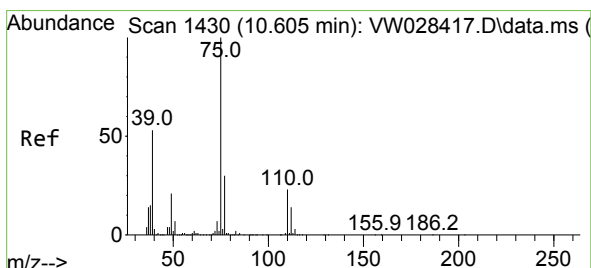
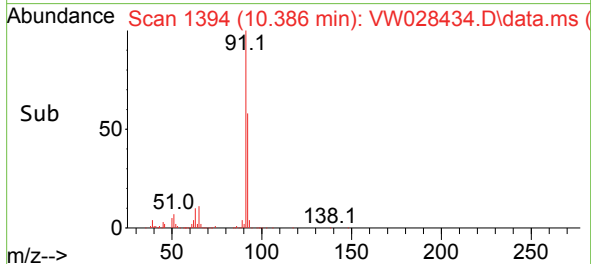
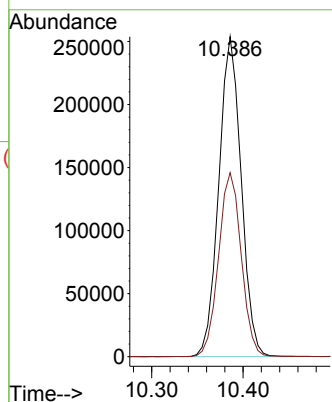
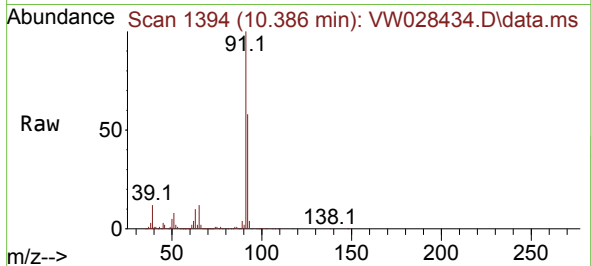




#42
Toluene
Concen: 21.624 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW028434.D
Acq: 12 Apr 2024 16:27

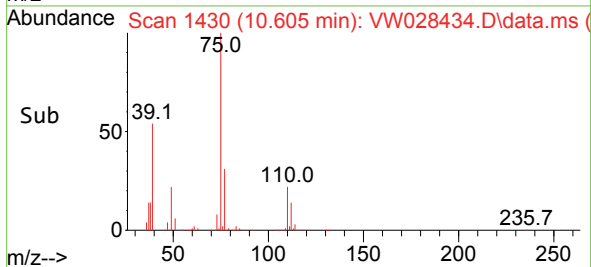
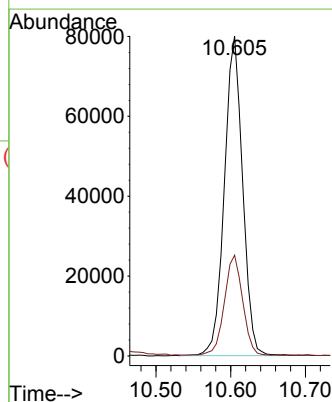
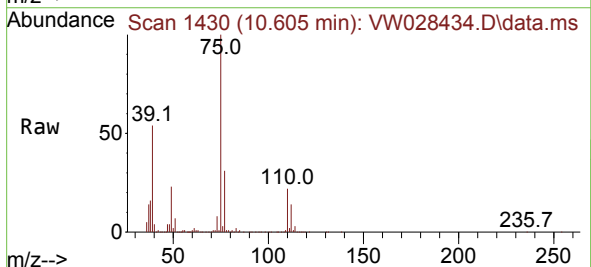
Instrument :
MSVOA_W
ClientSampleId :

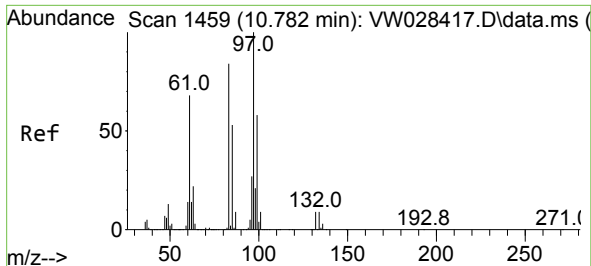
Tgt Ion: 91 Resp: 432491
Ion Ratio Lower Upper
91 100
92 57.5 41.1 76.3



#44
trans-1,3-Dichloropropene
Concen: 23.267 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW028434.D
Acq: 12 Apr 2024 16:27

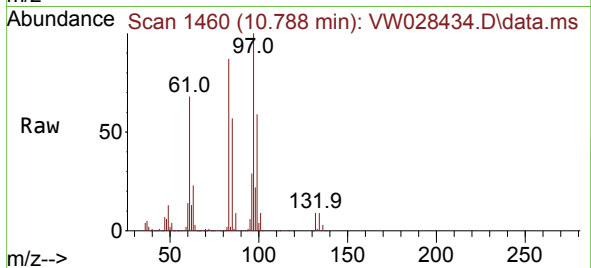
Tgt Ion: 75 Resp: 135815
Ion Ratio Lower Upper
75 100
77 31.5 22.6 42.0



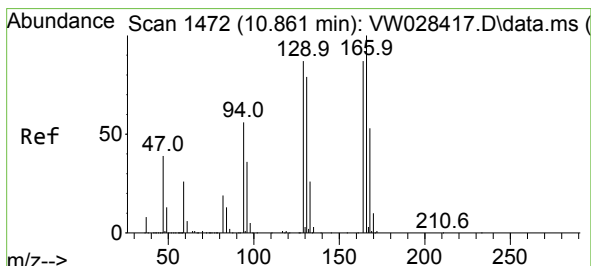
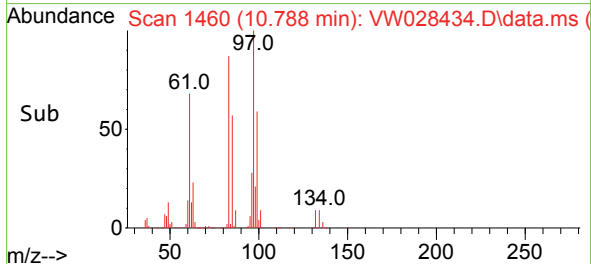
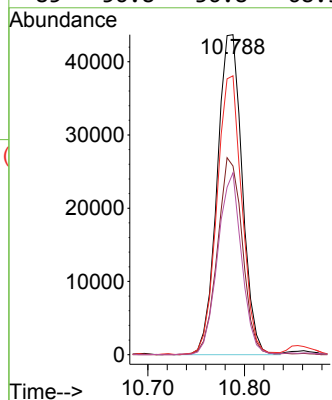


#45
1,1,2-Trichloroethane
Concen: 23.619 ug/L
RT: 10.788 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VW028434.D
Acq: 12 Apr 2024 16:27

Instrument :
MSVOA_W
ClientSampleId :

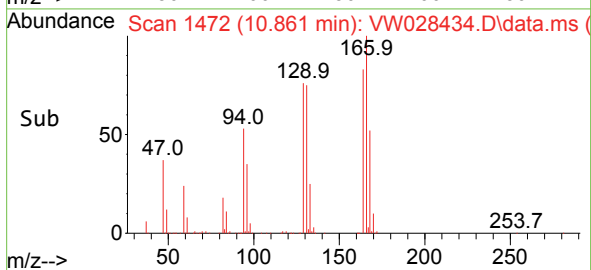
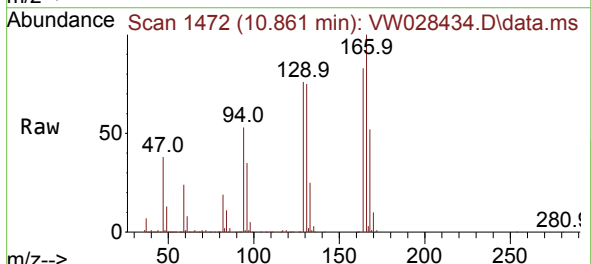
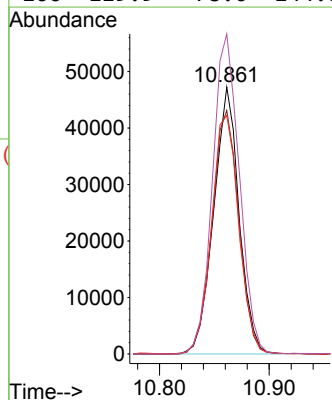


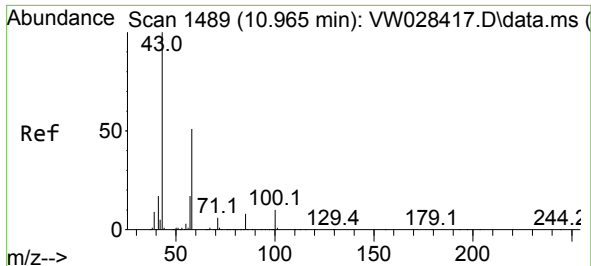
Tgt Ion:	97	Resp:	78626
Ion	Ratio	Lower	Upper
97	100		
99	58.9	44.2	82.2
83	87.1	56.4	104.7
85	56.8	36.8	68.3



#46
Tetrachloroethene
Concen: 19.885 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW028434.D
Acq: 12 Apr 2024 16:27

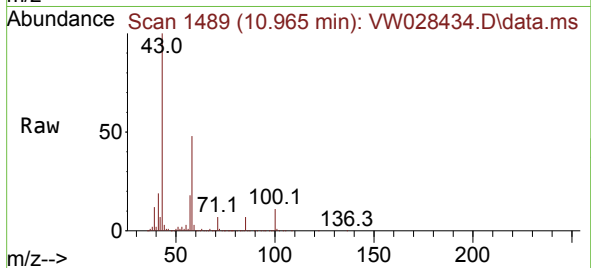
Tgt Ion:	164	Resp:	75992
Ion	Ratio	Lower	Upper
164	100		
129	91.2	59.7	110.9
131	89.4	58.2	108.2
166	119.9	78.0	144.8



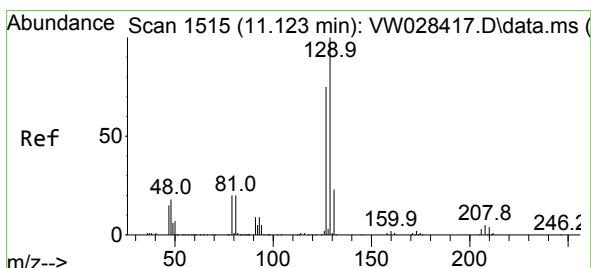
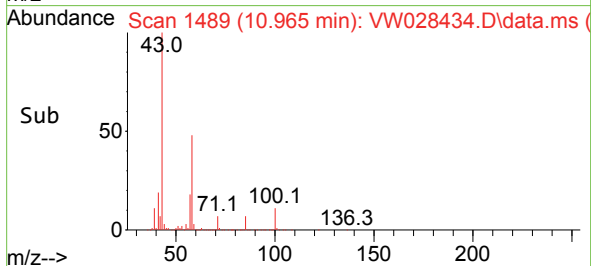
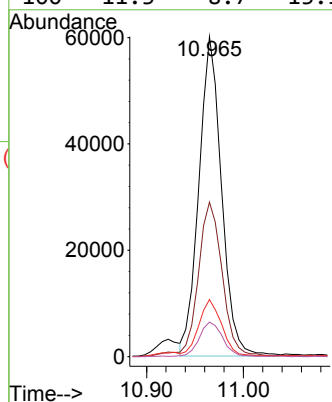


#48
2-Hexanone
Concen: 50.156 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW028434.D
Acq: 12 Apr 2024 16:27

Instrument :
MSVOA_W
ClientSampleId :

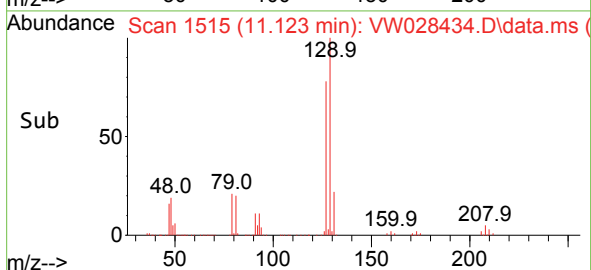
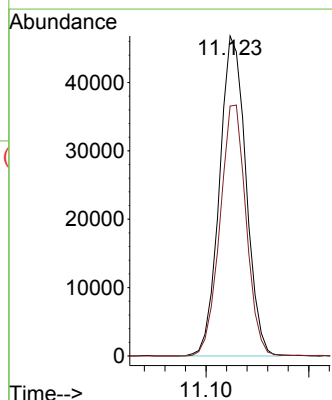
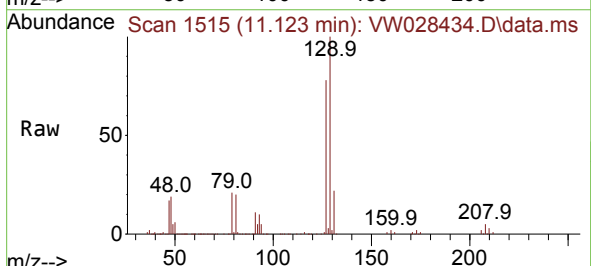


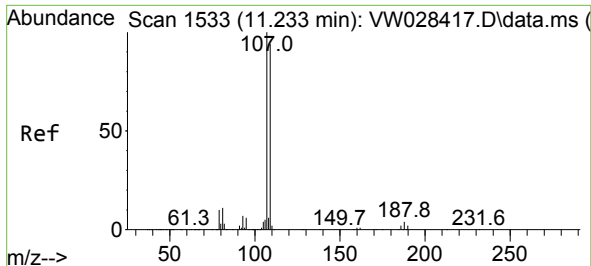
Tgt Ion:	43	Resp:	98065
Ion	Ratio	Lower	Upper
43	100		
58	50.6	38.9	58.3
57	18.2	14.4	21.6
100	11.3	8.7	13.1



#49
Dibromochloromethane
Concen: 23.507 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VW028434.D
Acq: 12 Apr 2024 16:27

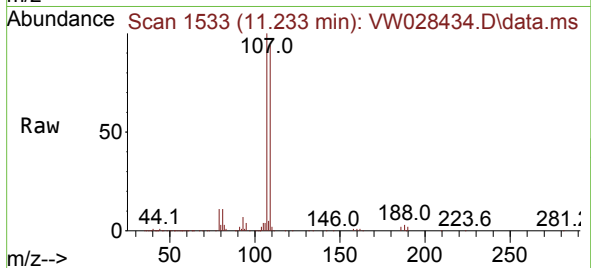
Tgt Ion:	129	Resp:	83640
Ion	Ratio	Lower	Upper
129	100		
127	78.1	53.0	98.4



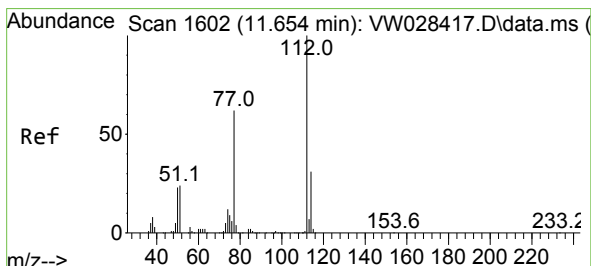
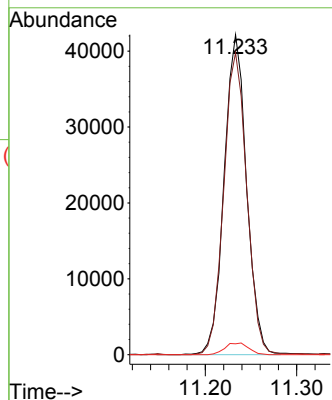
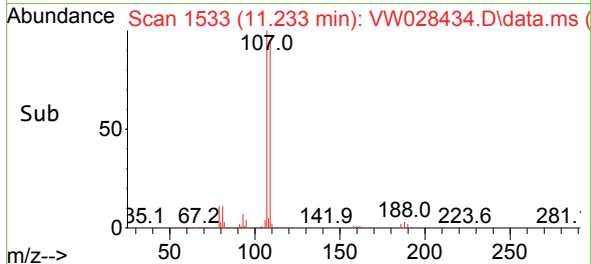


#50
1,2-Dibromoethane
Concen: 23.725 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW028434.D
Acq: 12 Apr 2024 16:27

Instrument :
MSVOA_W
ClientSampleId :

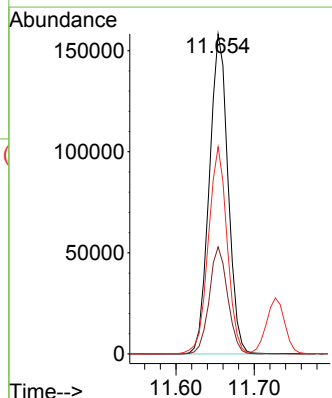
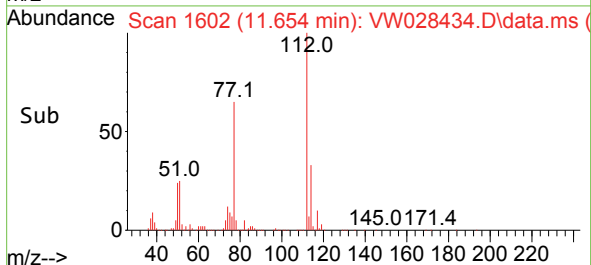
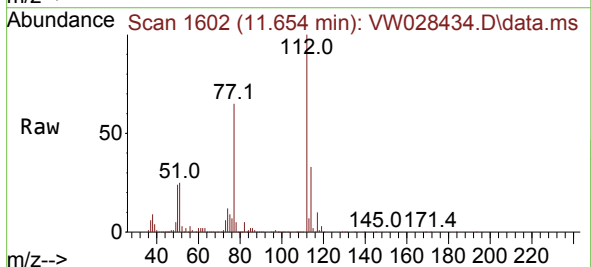


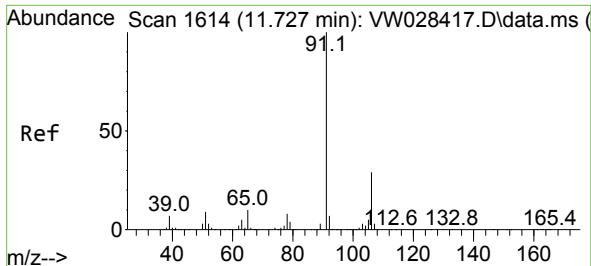
Tgt Ion:107 Resp: 72086
Ion Ratio Lower Upper
107 100
109 94.4 62.1 115.3
188 3.4 3.2 4.8



#51
Chlorobenzene
Concen: 21.081 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW028434.D
Acq: 12 Apr 2024 16:27

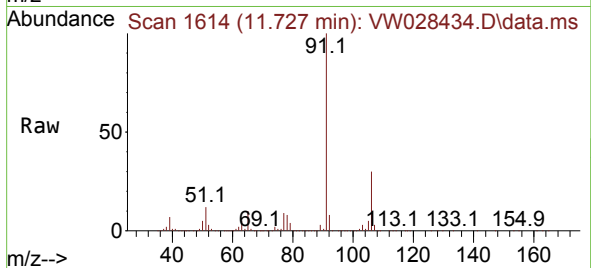
Tgt Ion:112 Resp: 262074
Ion Ratio Lower Upper
112 100
114 33.4 22.3 41.3
77 64.7 51.8 77.8



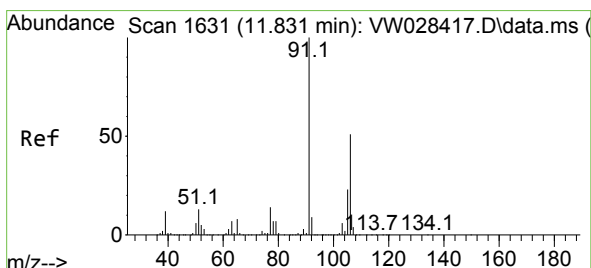
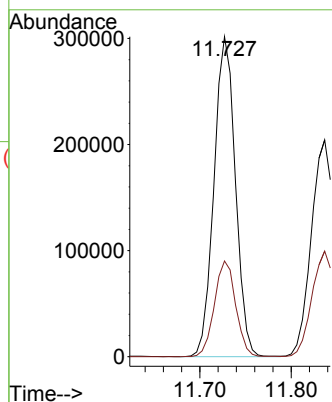
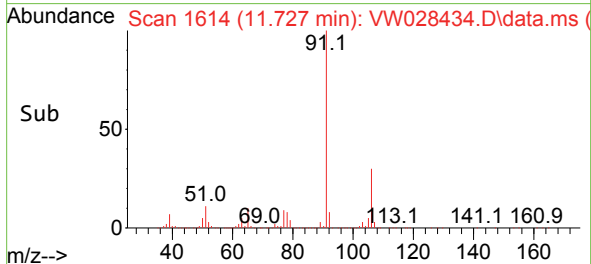


#52
Ethylbenzene
Concen: 21.611 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW028434.D
Acq: 12 Apr 2024 16:27

Instrument :
MSVOA_W
ClientSampleId :

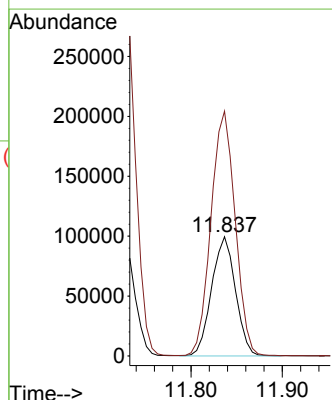
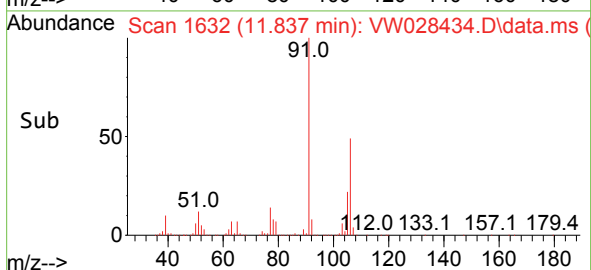
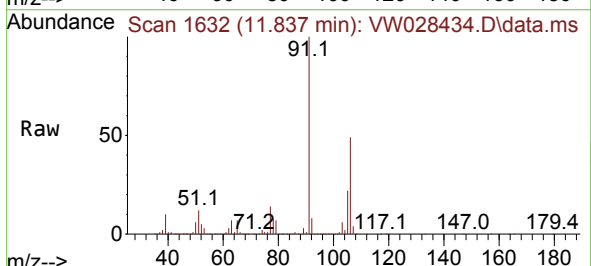


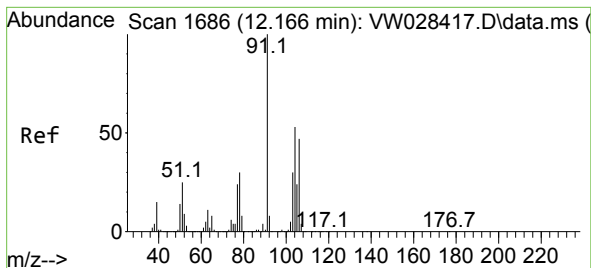
Tgt Ion: 91 Resp: 489954
Ion Ratio Lower Upper
91 100
106 29.9 21.2 39.4



#53
m,p-Xylene
Concen: 21.440 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.006 min
Lab File: VW028434.D
Acq: 12 Apr 2024 16:27

Tgt Ion:106 Resp: 180762
Ion Ratio Lower Upper
106 100
91 205.5 152.4 283.0





#54

o-Xylene

Concen: 21.816 ug/L

RT: 12.160 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW028434.D

Acq: 12 Apr 2024 16:27

Instrument :

MSVOA_W

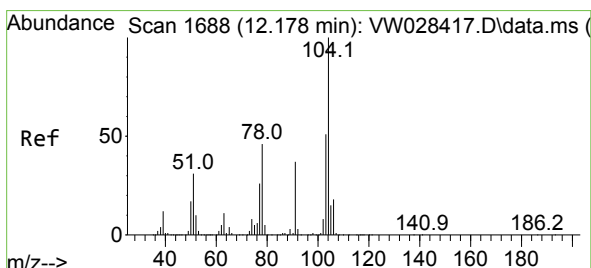
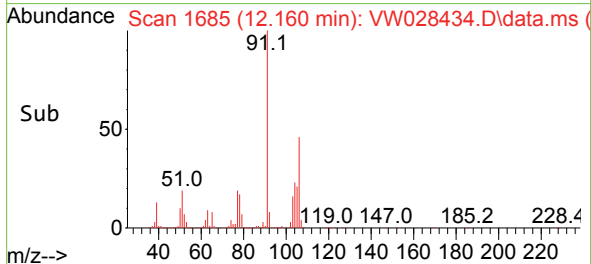
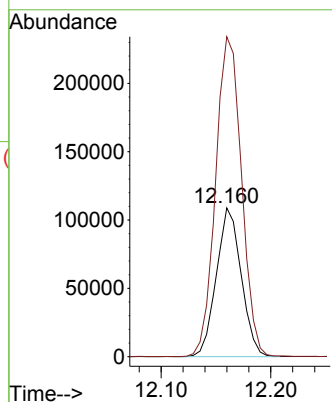
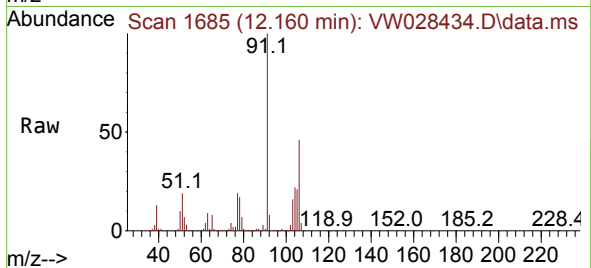
ClientSampleId :

Tgt Ion:106 Resp: 171266

Ion Ratio Lower Upper

106 100

91 215.1 152.9 283.9



#55

Styrene

Concen: 22.192 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW028434.D

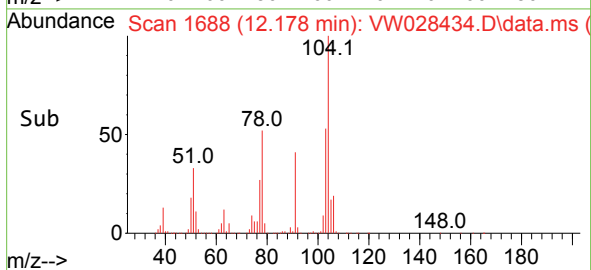
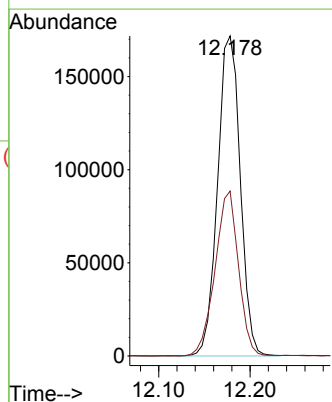
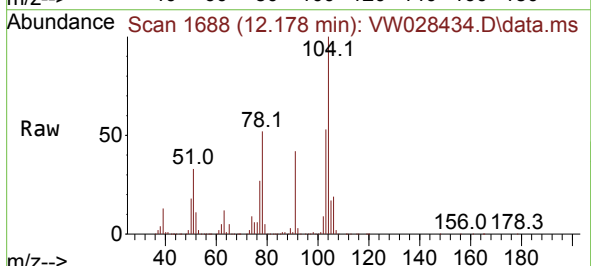
Acq: 12 Apr 2024 16:27

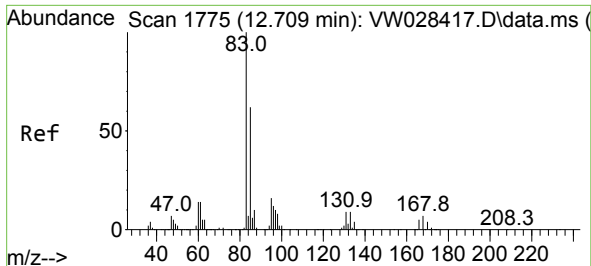
Tgt Ion:104 Resp: 296507

Ion Ratio Lower Upper

104 100

78 51.5 33.8 62.8





#57

1,1,2,2-Tetrachloroethane

Concen: 24.532 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028434.D

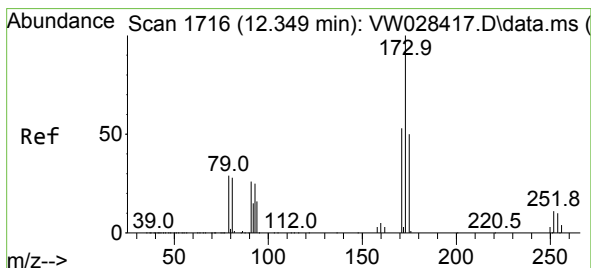
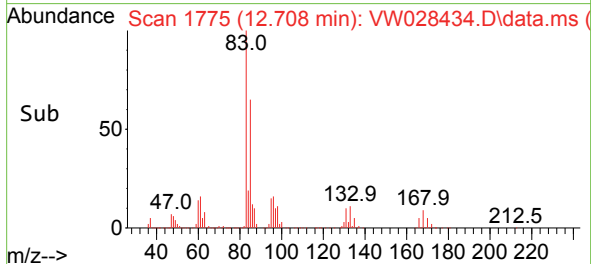
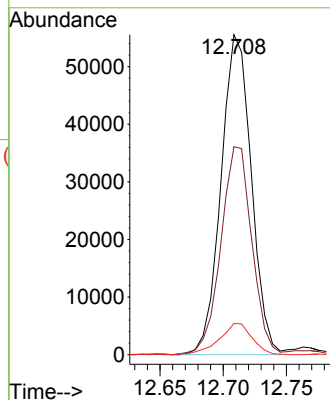
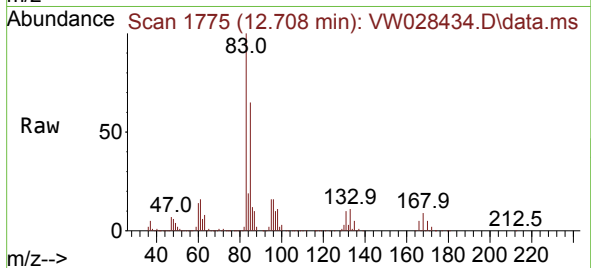
Acq: 12 Apr 2024 16:27

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 83	Resp: 92420
Ion Ratio	Lower Upper
83 100	
85 65.0	43.4 80.6
131 9.8	8.0 12.0



#59

Bromoform

Concen: 24.295 ug/L

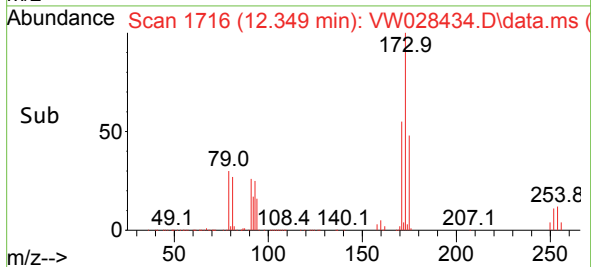
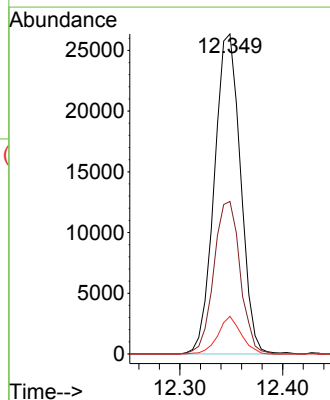
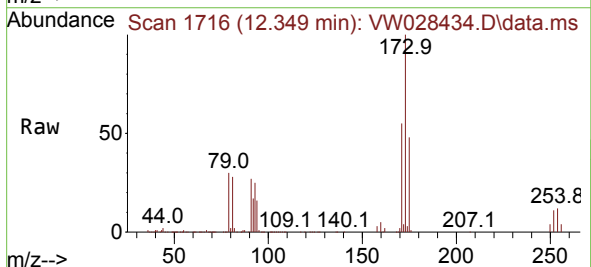
RT: 12.349 min Scan# 1716

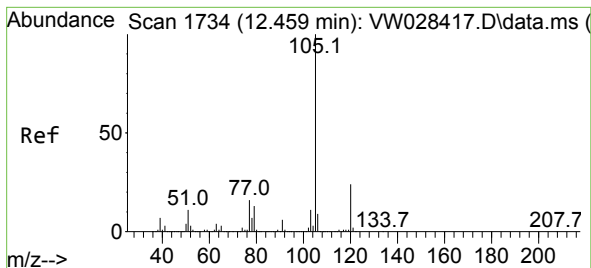
Delta R.T. -0.000 min

Lab File: VW028434.D

Acq: 12 Apr 2024 16:27

Tgt Ion: 173	Resp: 46636
Ion Ratio	Lower Upper
173 100	
175 47.9	39.2 58.8
254 10.4	8.3 12.5





#60

Isopropylbenzene

Concen: 22.048 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

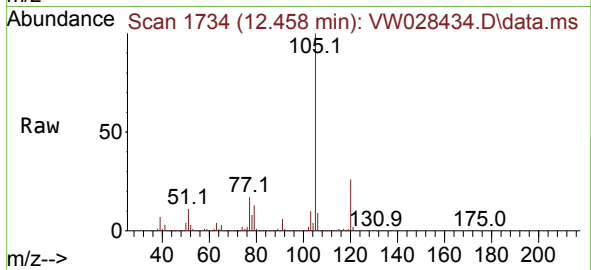
Lab File: VW028434.D

Acq: 12 Apr 2024 16:27

Instrument :

MSVOA_W

ClientSampleId :



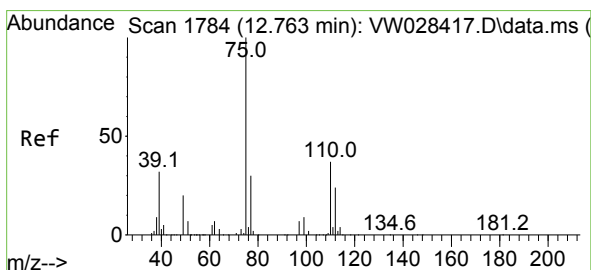
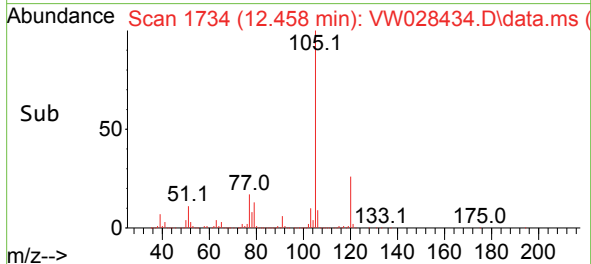
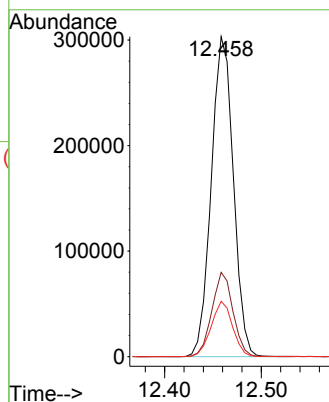
Tgt Ion:105 Resp: 480673

Ion Ratio Lower Upper

105 100

120 25.3 20.8 31.2

77 16.8 13.4 20.2



#61

1,2,3-Trichloropropane

Concen: 26.125 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW028434.D

Acq: 12 Apr 2024 16:27

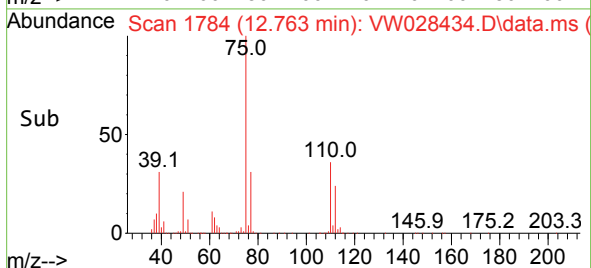
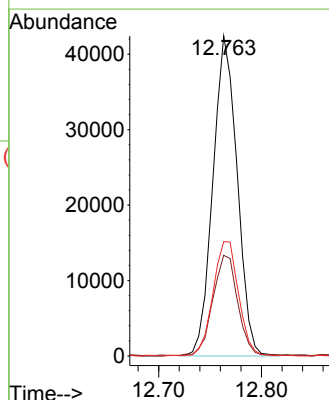
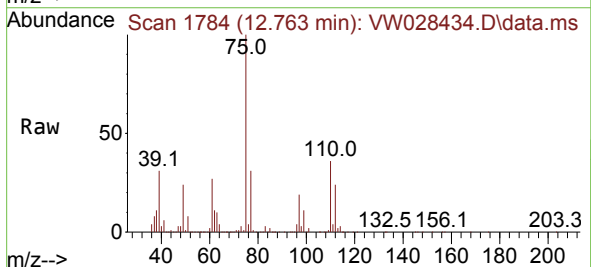
Tgt Ion: 75 Resp: 69459

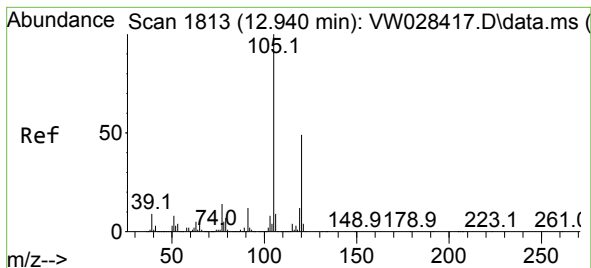
Ion Ratio Lower Upper

75 100

77 31.8 26.1 39.1

110 37.5 30.6 46.0





#62

1,3,5-Trimethylbenzene

Concen: 22.268 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW028434.D

Acq: 12 Apr 2024 16:27

Instrument :

MSVOA_W

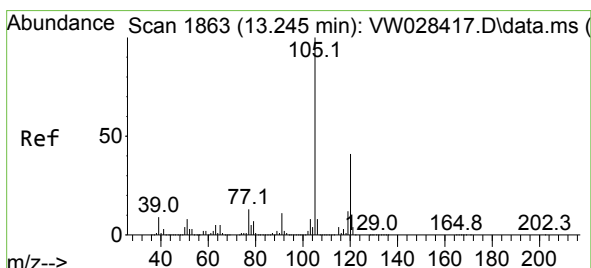
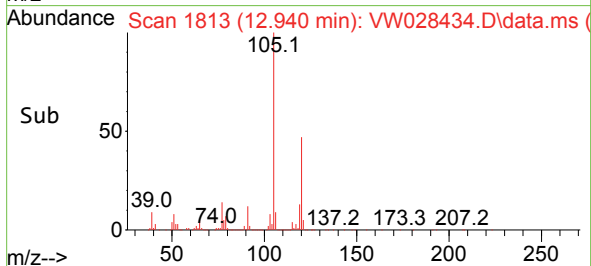
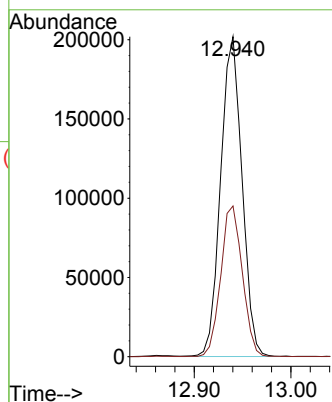
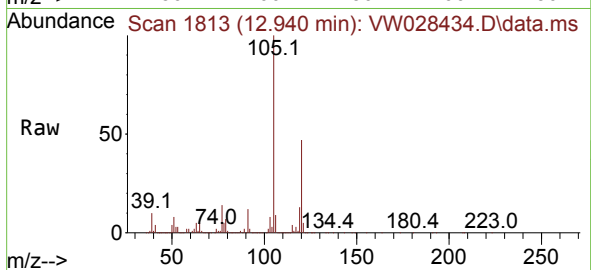
ClientSampleId :

Tgt Ion:105 Resp: 309418

Ion Ratio Lower Upper

105 100

120 47.5 37.5 56.3



#63

1,2,4-Trimethylbenzene

Concen: 23.395 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW028434.D

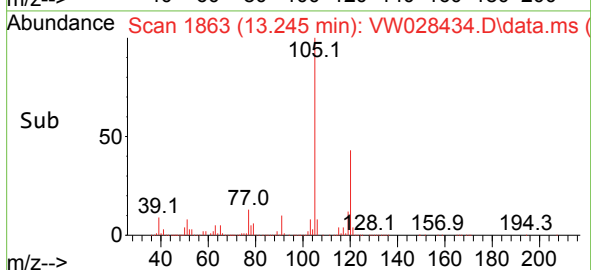
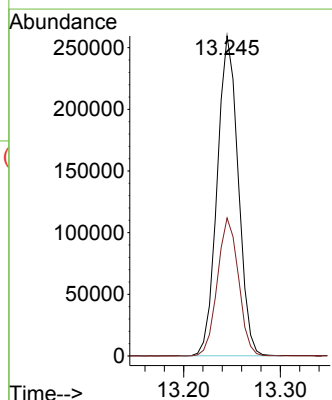
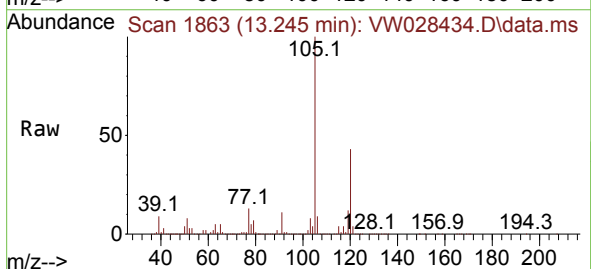
Acq: 12 Apr 2024 16:27

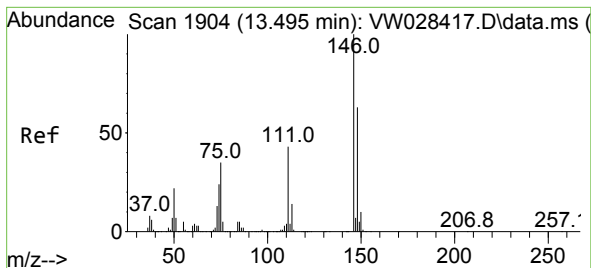
Tgt Ion:105 Resp: 391220

Ion Ratio Lower Upper

105 100

120 43.3 35.4 53.0

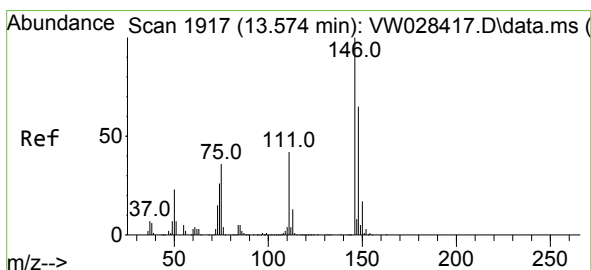
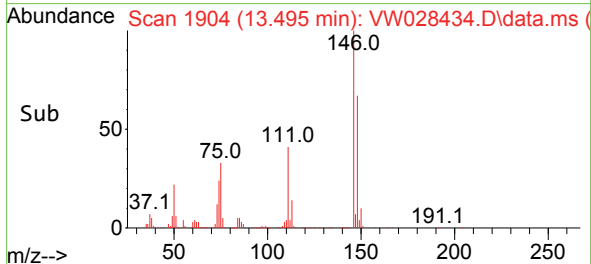
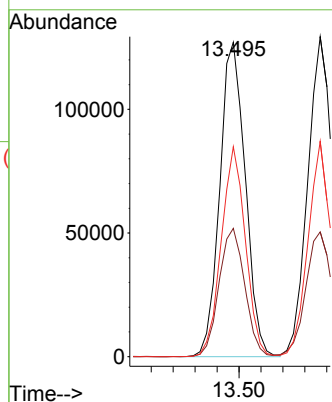
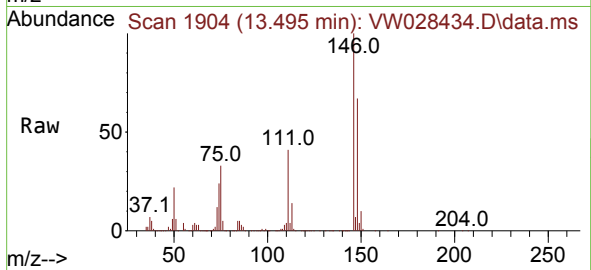




#64
1,3-Dichlorobenzene
Concen: 22.208 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW028434.D
Acq: 12 Apr 2024 16:27

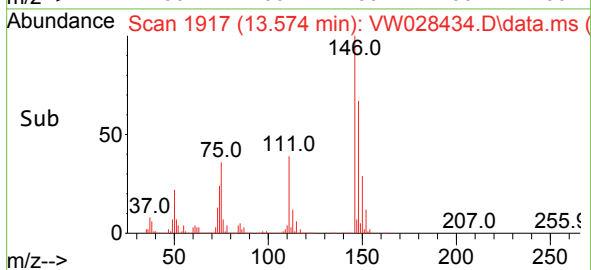
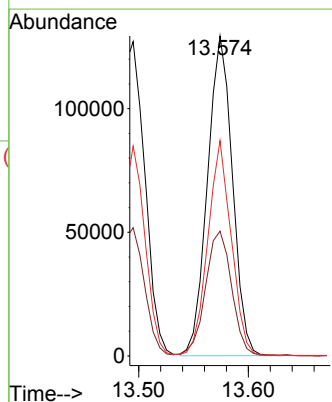
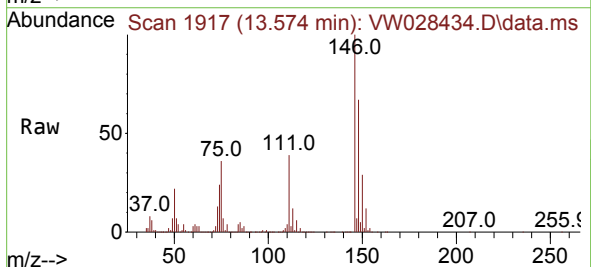
Instrument :
MSVOA_W
ClientSampleId :

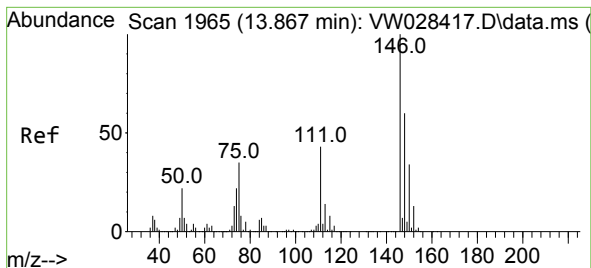
Tgt Ion:146 Resp: 205429
Ion Ratio Lower Upper
146 100
111 40.8 29.8 55.3
148 66.7 47.3 87.8



#65
1,4-Dichlorobenzene
Concen: 21.780 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW028434.D
Acq: 12 Apr 2024 16:27

Tgt Ion:146 Resp: 204951
Ion Ratio Lower Upper
146 100
111 39.0 30.3 56.3
148 67.3 47.3 87.8

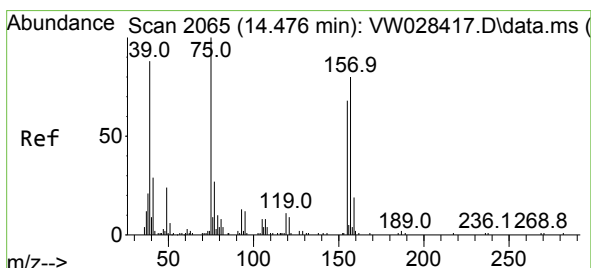
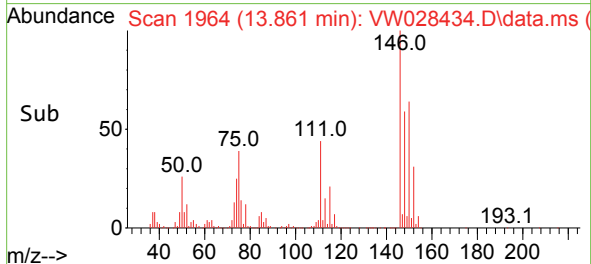
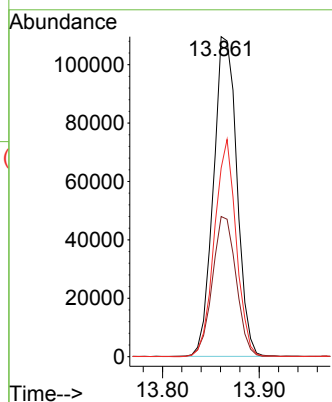
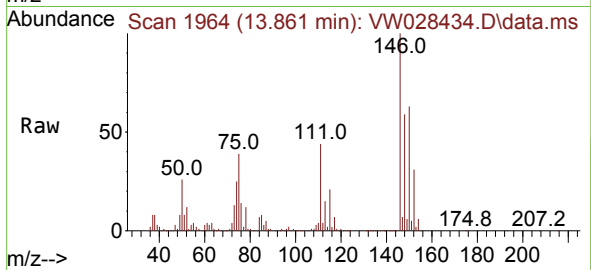




#67
1,2-Dichlorobenzene
Concen: 22.635 ug/L
RT: 13.861 min Scan# 1964
Delta R.T. -0.006 min
Lab File: VW028434.D
Acq: 12 Apr 2024 16:27

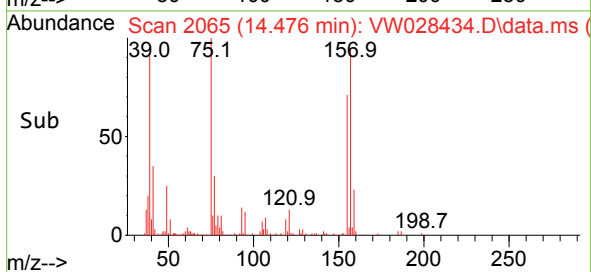
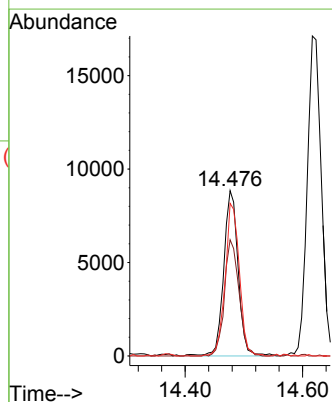
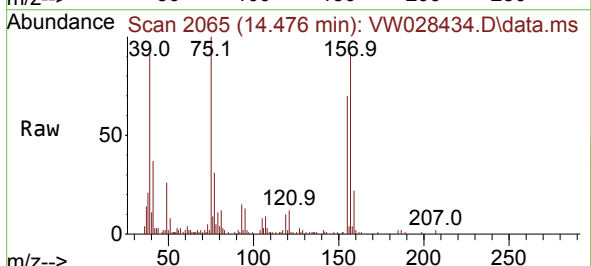
Instrument :
MSVOA_W
ClientSampleId :

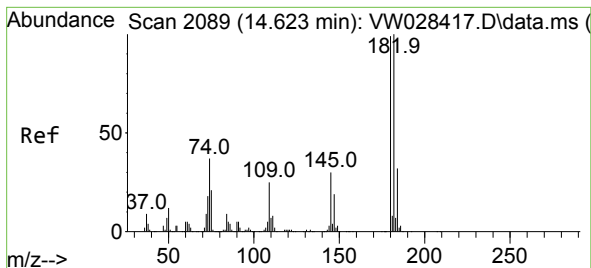
Tgt Ion:146 Resp: 184179
Ion Ratio Lower Upper
146 100
111 43.8 31.4 47.2
148 58.9 46.4 69.6



#68
1,2-Dibromo-3-chloropropane
Concen: 24.790 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VW028434.D
Acq: 12 Apr 2024 16:27

Tgt Ion: 75 Resp: 15103
Ion Ratio Lower Upper
75 100
155 70.3 61.2 91.8
157 92.3 73.3 109.9





#69

1,3,5-Trichlorobenzene

Concen: 21.775 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

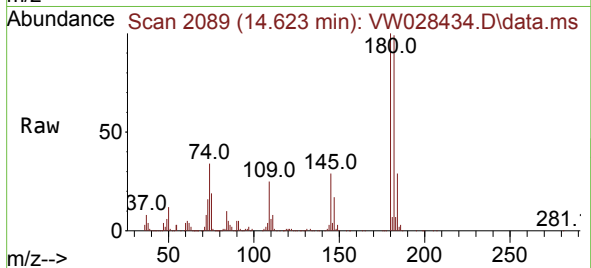
Lab File: VW028434.D

Acq: 12 Apr 2024 16:27

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 138608

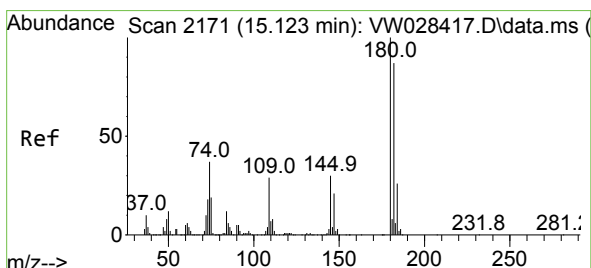
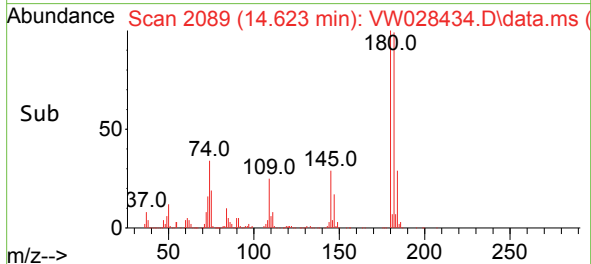
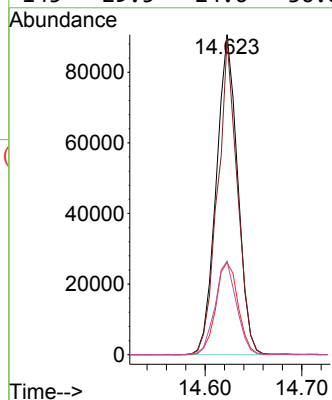
Ion Ratio Lower Upper

180 100

182 90.8 77.4 116.0

184 30.0 24.8 37.2

145 29.5 24.6 36.8



#70

1,2,4-trichlorobenzene

Concen: 22.989 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.000 min

Lab File: VW028434.D

Acq: 12 Apr 2024 16:27

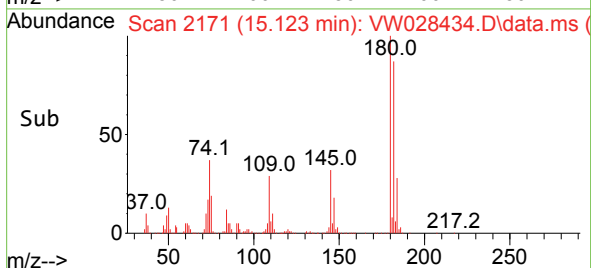
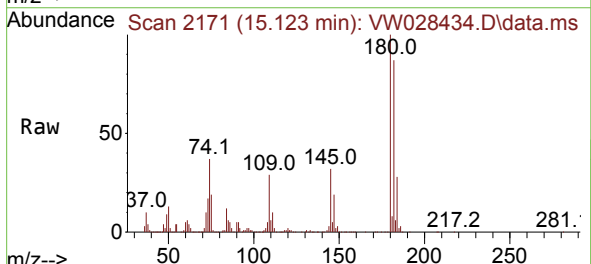
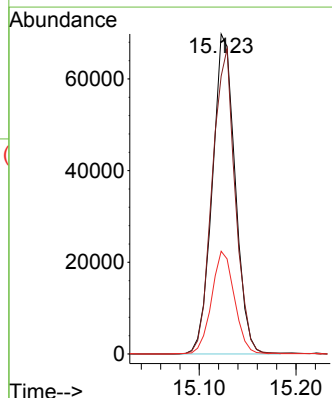
Tgt Ion:180 Resp: 114275

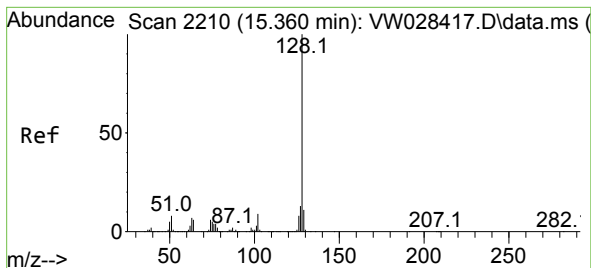
Ion Ratio Lower Upper

180 100

182 96.0 71.5 107.3

145 32.2 23.5 35.3





#71

Naphthalene

Concen: 27.980 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW028434.D

Acq: 12 Apr 2024 16:27

Instrument :

MSVOA_W

ClientSampleId :

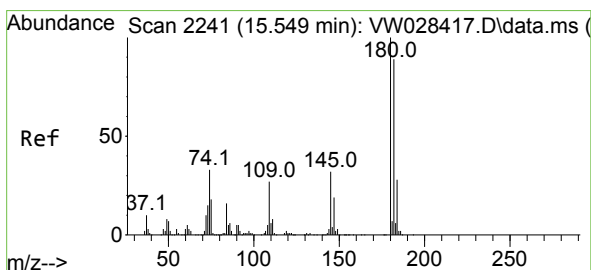
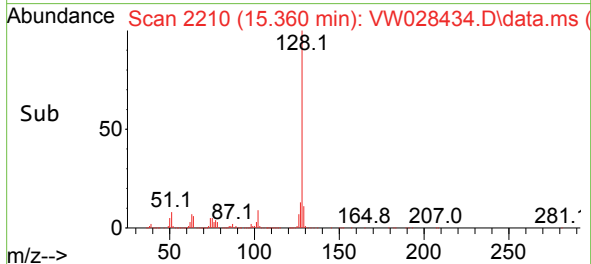
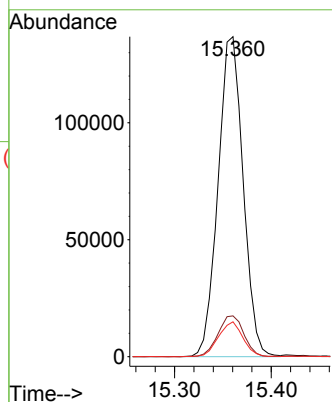
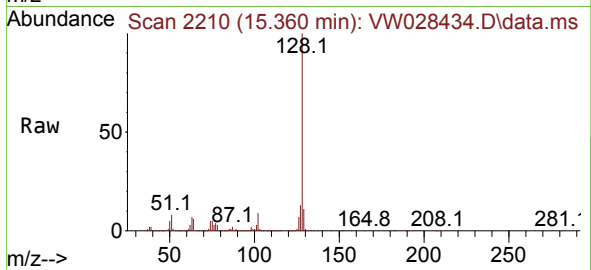
Tgt Ion:128 Resp: 246151

Ion Ratio Lower Upper

128 100

127 13.3 10.7 16.1

129 10.7 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 23.534 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW028434.D

Acq: 12 Apr 2024 16:27

Tgt Ion:180 Resp: 103807

Ion Ratio Lower Upper

180 100

182 92.1 75.7 113.5

145 32.4 26.2 39.4

