

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072324\
 Data File : VW029710.D
 Acq On : 23 Jul 2024 17:06
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 8.34g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 24 01:18:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jul 24 01:12:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	219225	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	203725	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	102620	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	55202	15.587	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.360%
7) Chloroethane-d5	2.899	69	49005	19.218	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.880%
11) 1,1-Dichloroethene-d2	4.021	65	29237	18.385	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.520%
21) 2-Butanone-d5	7.075	46	47463	44.646	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.300%
24) Chloroform-d	7.648	84	147870	23.332	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.320%
26) 1,2-Dichloroethane-d4	8.307	65	85360	22.963	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.840%
32) Benzene-d6	8.270	84	269356	22.071	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.280%
36) 1,2-Dichloropropane-d6	9.270	67	89808	23.015	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.080%
41) Toluene-d8	10.319	98	237175	22.098	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.400%
43) trans-1,3-Dichloroprop...	10.575	79	34304	20.760	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.040%
47) 2-Hexanone-d5	10.922	63	32992	46.529	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.060%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	73699	23.262	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.040%
66) 1,2-Dichlorobenzene-d4	13.848	152	79384	22.213	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	34489	16.066	ug/L	93
3) Chloromethane	2.223	50	60427	21.039	ug/L	97
5) Vinyl chloride	2.375	62	74067	22.597	ug/L	93
6) Bromomethane	2.789	94	45615	23.504	ug/L	95
8) Chloroethane	2.936	64	52007	25.786	ug/L	98
9) Trichlorofluoromethane	3.265	101	69964	23.713	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	74338	25.602	ug/L	96
12) 1,1-Dichloroethene	4.045	96	67551	24.778	ug/L	91
13) Acetone	4.119	43	52685	49.101	ug/L	98
14) Carbon disulfide	4.393	76	183542	20.731	ug/L	100
15) Methyl Acetate	4.667	43	47785	25.365	ug/L	98
16) Methylene chloride	4.923	84	90588	23.081	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	77691	25.742	ug/L	94
18) Methyl tert-butyl Ether	5.423	73	141717	27.598	ug/L	99
19) 1,1-Dichloroethane	6.216	63	175003	28.236	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	91469	27.716	ug/L	99
22) 2-Butanone	7.167	43	66894	47.489	ug/L	100
23) Bromochloromethane	7.514	128	38550	25.970	ug/L	98
25) Chloroform	7.673	83	174866	29.159	ug/L	98

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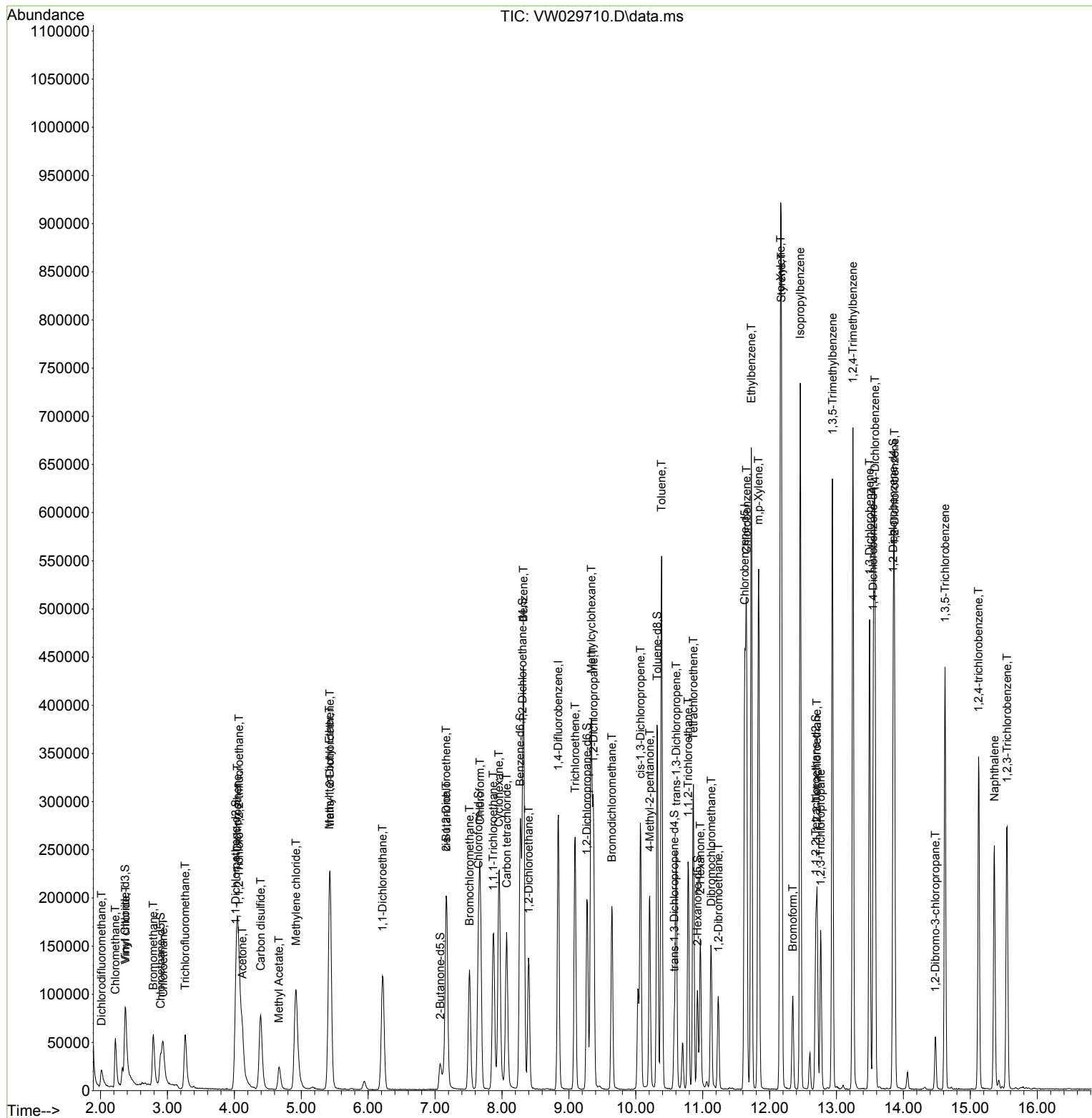
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	125598	27.923	ug/L	100
29) Cyclohexane	7.953	56	135153	26.642	ug/L	97
30) 1,1,1-Trichloroethane	7.868	97	131912	28.355	ug/L	99
31) Carbon tetrachloride	8.069	117	115754	27.169	ug/L	98
33) Benzene	8.319	78	359931	28.238	ug/L	100
34) Trichloroethene	9.093	95	92784	27.565	ug/L	94
35) Methylcyclohexane	9.337	83	144579	26.723	ug/L	99
37) 1,2-Dichloropropane	9.368	63	103895	29.476	ug/L	100
38) Bromodichloromethane	9.642	83	125226	29.086	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	152916	28.884	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	139963	56.343	ug/L	99
42) Toluene	10.386	91	382818	29.357	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	129722	28.589	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	71131	28.060	ug/L	100
46) Tetrachloroethene	10.861	164	66793	27.931	ug/L	97
48) 2-Hexanone	10.965	43	103846	55.644	ug/L	98
49) Dibromochloromethane	11.129	129	74968	28.417	ug/L	96
50) 1,2-Dibromoethane	11.233	107	64532	26.714	ug/L	95
51) Chlorobenzene	11.654	112	236101	28.008	ug/L	95
52) Ethylbenzene	11.727	91	441737	29.900	ug/L	99
53) m,p-Xylene	11.837	106	163056	30.065	ug/L	97
54) o-Xylene	12.166	106	150026	29.908	ug/L	95
55) Styrene	12.178	104	265360	30.084	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	87780	27.452	ug/L	99
59) Bromoform	12.349	173	40243	25.405	ug/L	99
60) Isopropylbenzene	12.458	105	431459	29.882	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	65658	26.437	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	323707	31.517	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	348946	30.783	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	178340	27.555	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	186116	28.070	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	161392	27.587	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	14345	24.161	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	118295	28.018	ug/L	96
70) 1,2,4-trichlorobenzene	15.123	180	96352	25.935	ug/L	98
71) Naphthalene	15.360	128	199871	25.633	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	83936	24.868	ug/L	98

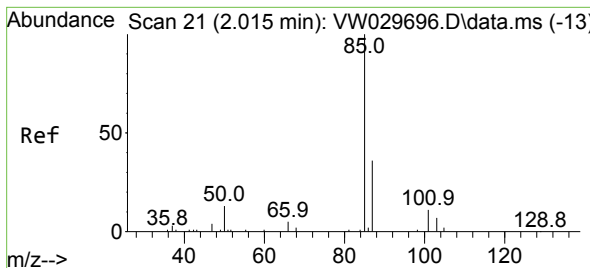
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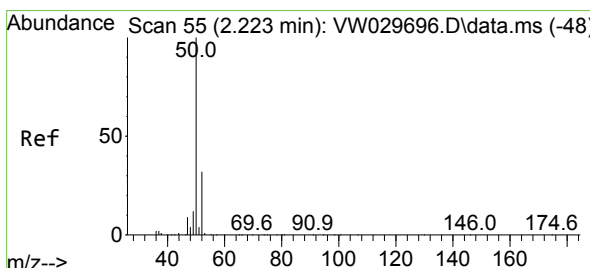
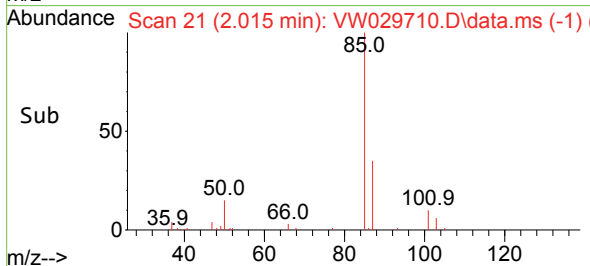
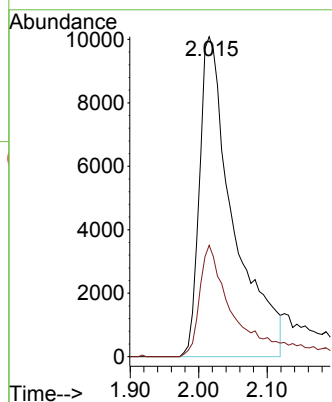
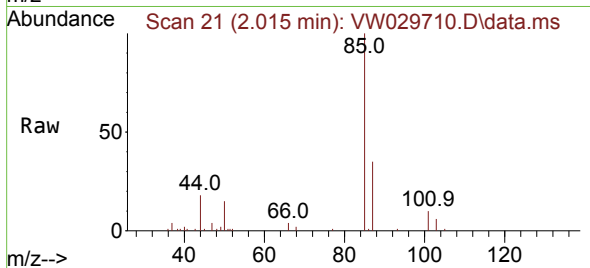




#2
 Dichlorodifluoromethane
 Concen: 16.066 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW029710.D
 Acq: 23 Jul 2024 17:06

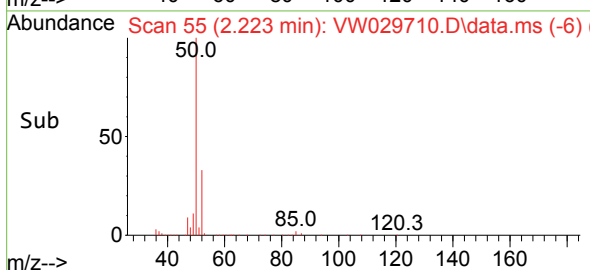
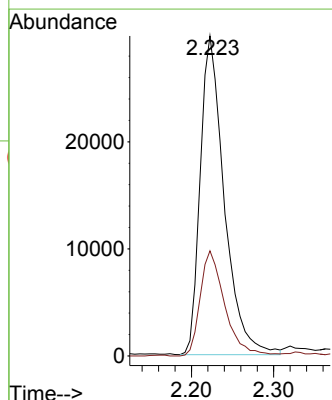
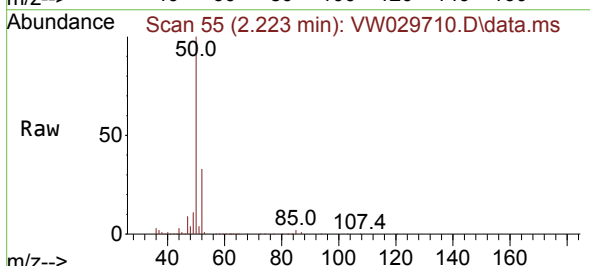
Instrument :
 MSVOA_W
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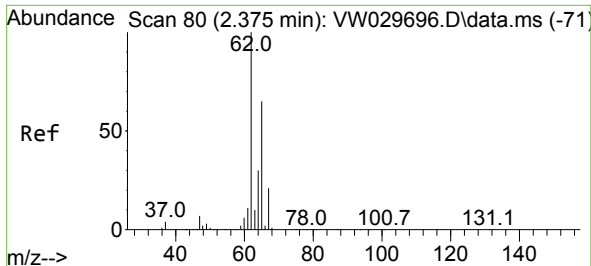
Tgt Ion: 85 Resp: 34489
 Ion Ratio Lower Upper
 85 100
 87 28.6 26.1 39.1



#3
 Chloromethane
 Concen: 21.039 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW029710.D
 Acq: 23 Jul 2024 17:06

Tgt Ion: 50 Resp: 60427
 Ion Ratio Lower Upper
 50 100
 52 32.8 24.4 45.2

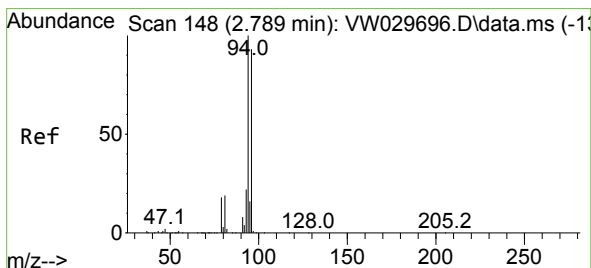
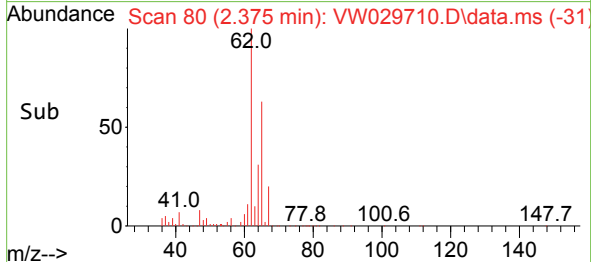
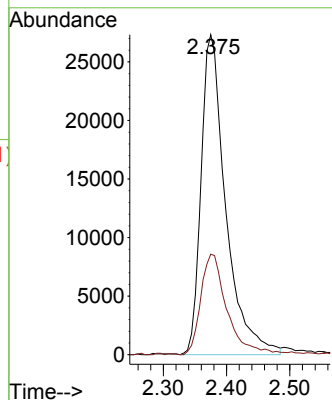
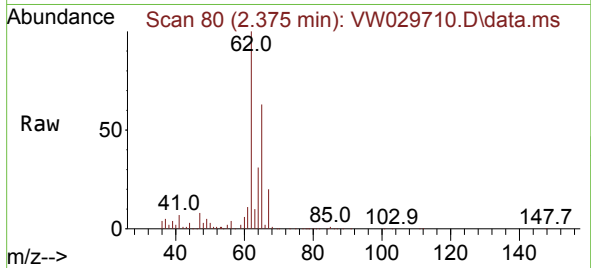




#5
 Vinyl chloride
 Concen: 22.597 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW029710.D
 Acq: 23 Jul 2024 17:06

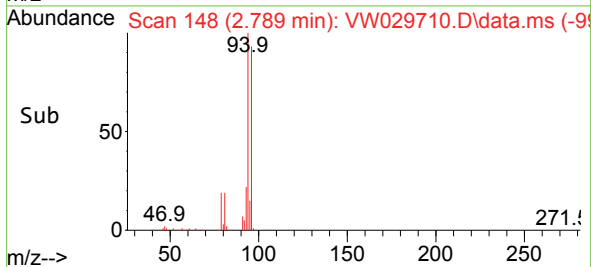
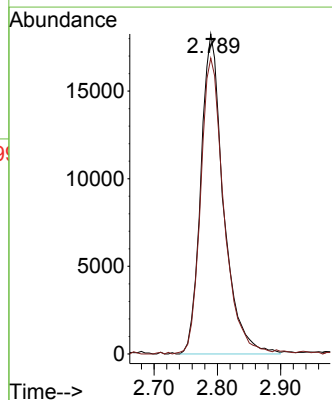
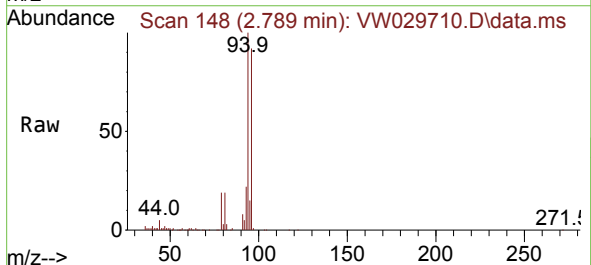
Instrument :
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 ClientSampleId :

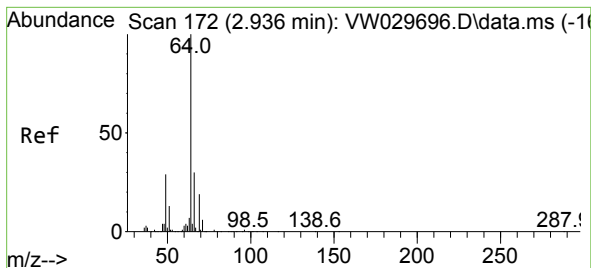
Tgt Ion: 62 Resp: 74067
 Ion Ratio Lower Upper
 62 100
 64 31.4 25.1 46.5



#6
 Bromomethane
 Concen: 23.504 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW029710.D
 Acq: 23 Jul 2024 17:06

Tgt Ion: 94 Resp: 45615
 Ion Ratio Lower Upper
 94 100
 96 92.5 61.7 114.7





#8

Chloroethane

Concen: 25.786 ug/L

RT: 2.936 min Scan# 172

Delta R.T. -0.000 min

Lab File: VW029710.D

Acq: 23 Jul 2024 17:06

Instrument :

MSVOA_W

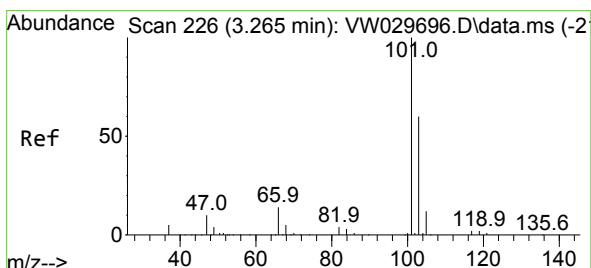
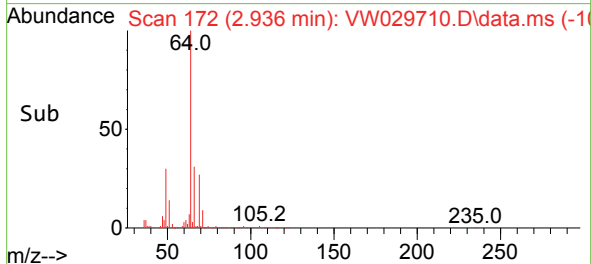
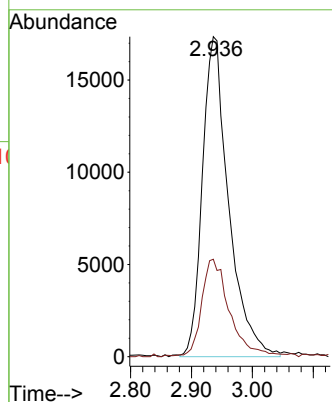
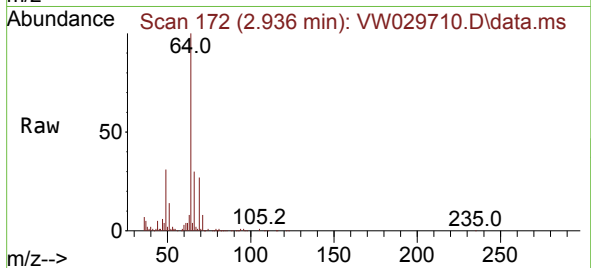
ClientSampleId :

Tgt Ion: 64 Resp: 52007

Ion Ratio Lower Upper

64 100

66 30.5 22.3 41.3



#9

Trichlorofluoromethane

Concen: 23.713 ug/L

RT: 3.265 min Scan# 226

Delta R.T. 0.000 min

Lab File: VW029710.D

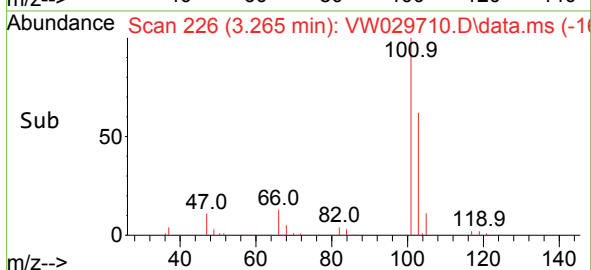
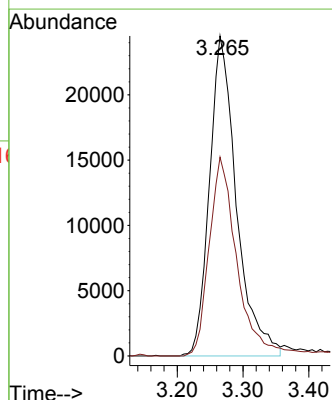
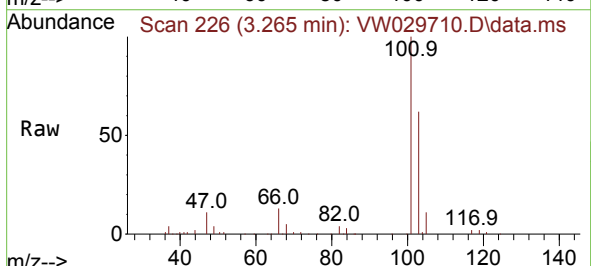
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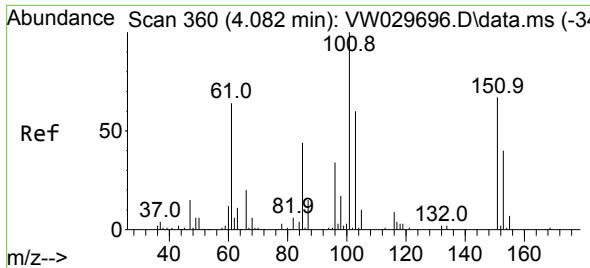
Tgt Ion:101 Resp: 69964

Ion Ratio Lower Upper

101 100

103 64.1 49.6 74.4

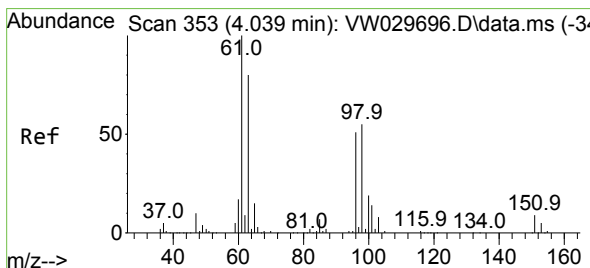
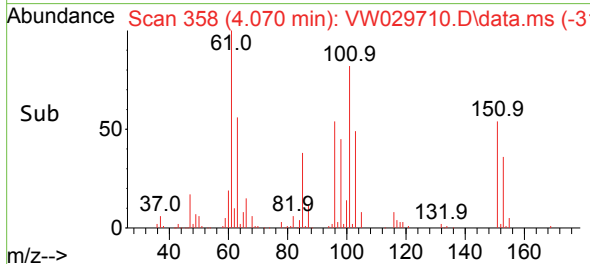
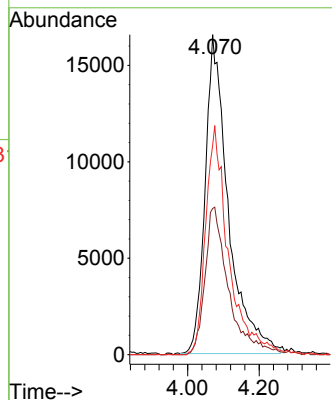
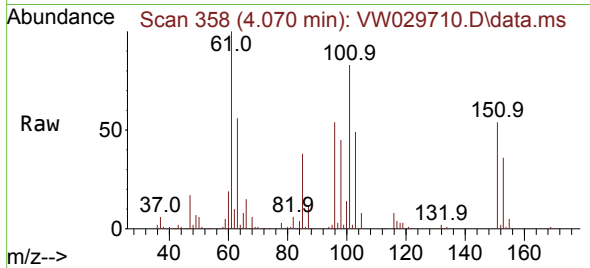




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.602 ug/L
 RT: 4.070 min Scan# 358
 Delta R.T. -0.012 min
 Lab File: VW029710.D
 Acq: 23 Jul 2024 17:06

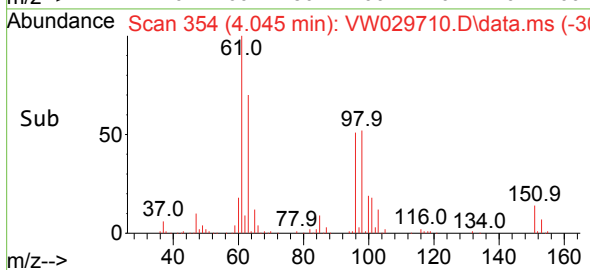
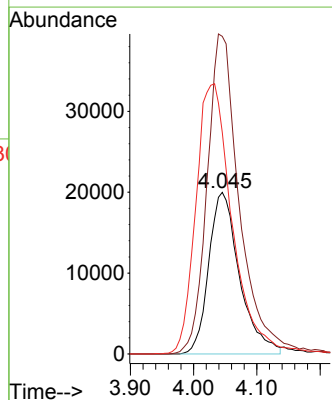
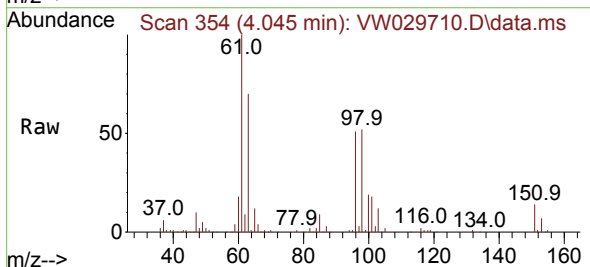
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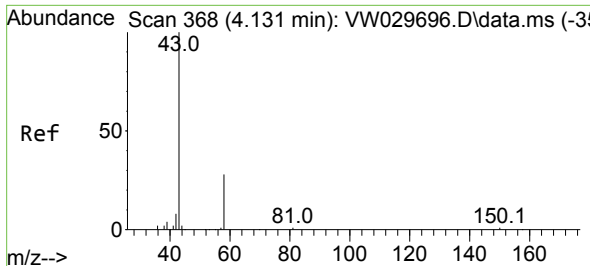
Tgt Ion:101 Resp: 74338
 Ion Ratio Lower Upper
 101 100
 85 44.7 33.8 50.8
 151 66.0 55.4 83.0



#12
 1,1-Dichloroethene
 Concen: 24.778 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.006 min
 Lab File: VW029710.D
 Acq: 23 Jul 2024 17:06

Tgt Ion: 96 Resp: 67551
 Ion Ratio Lower Upper
 96 100
 61 196.6 132.4 245.8
 63 137.1 108.4 201.2

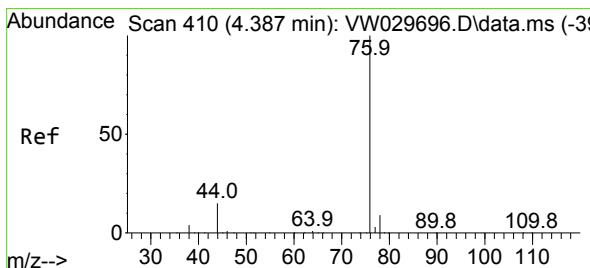
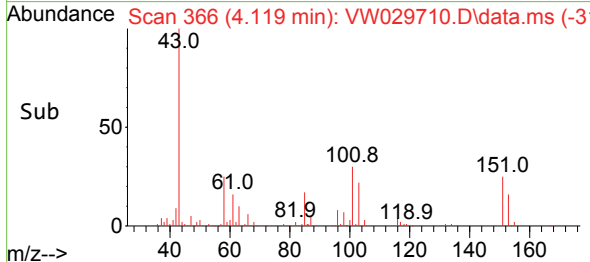
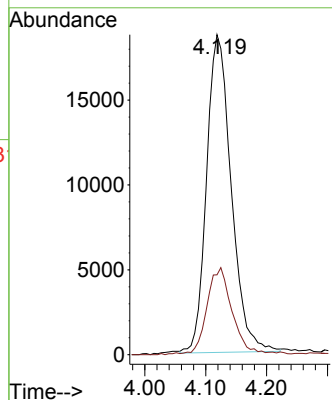
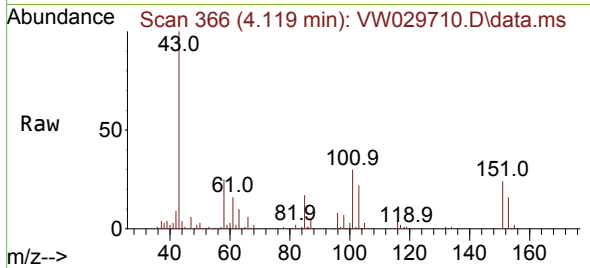




#13
Acetone
Concen: 49.101 ug/L
RT: 4.119 min Scan# 366
Delta R.T. -0.012 min
Lab File: VW029710.D
Acq: 23 Jul 2024 17:06

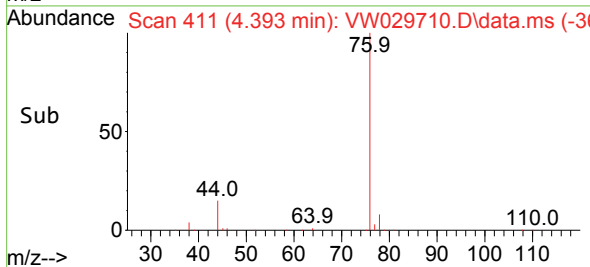
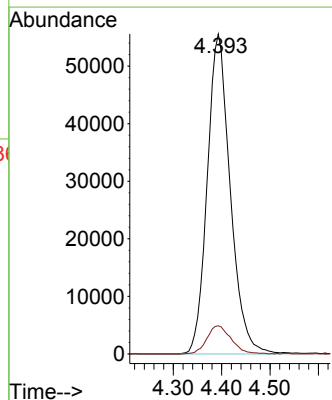
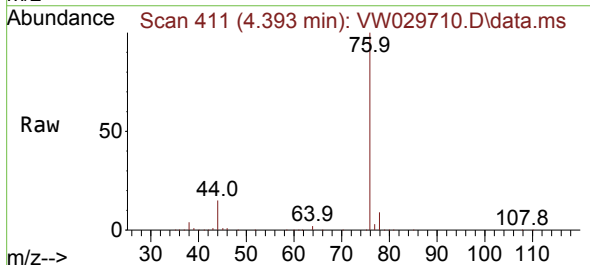
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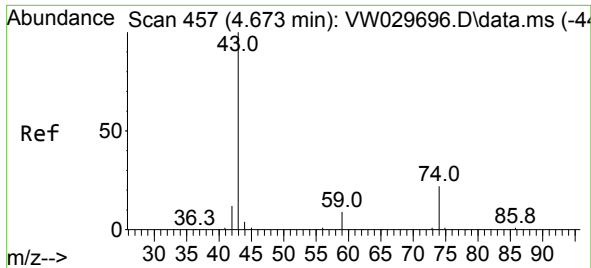
Tgt Ion: 43 Resp: 52685
Ion Ratio Lower Upper
43 100
58 27.0 0.0 55.6



#14
Carbon disulfide
Concen: 20.731 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 183542
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.4

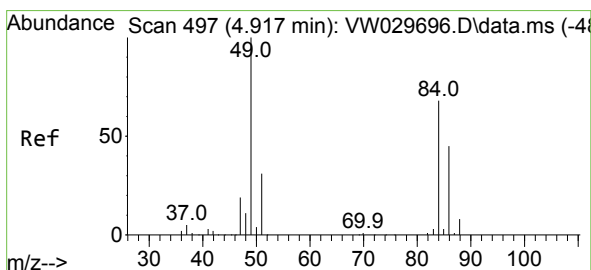
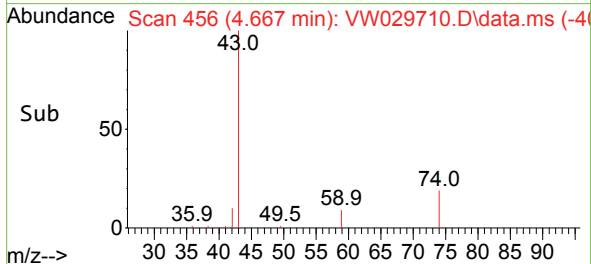
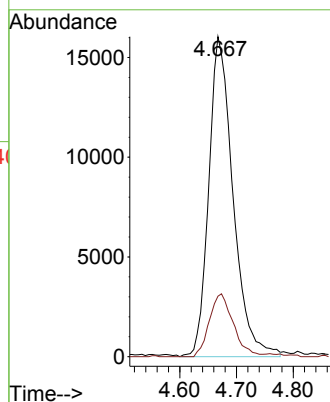
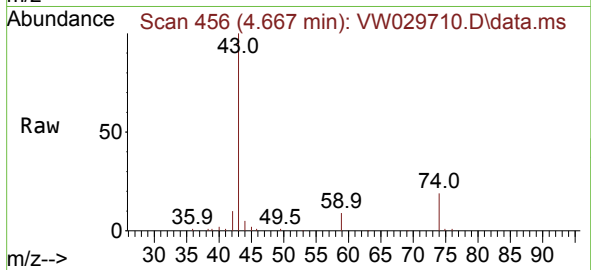




#15
Methyl Acetate
Concen: 25.365 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW029710.D
Acq: 23 Jul 2024 17:06

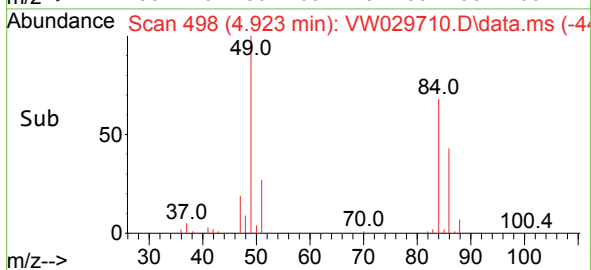
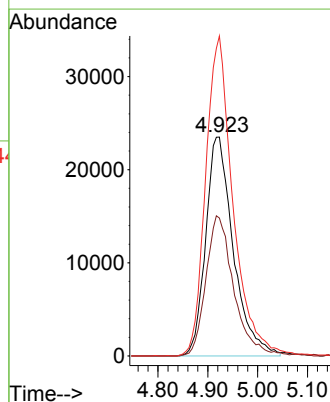
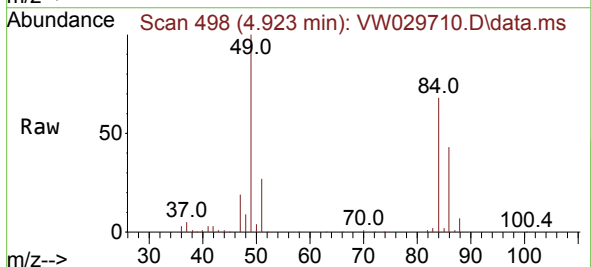
Instrument :
MSVOA_W
ClientSampleId :

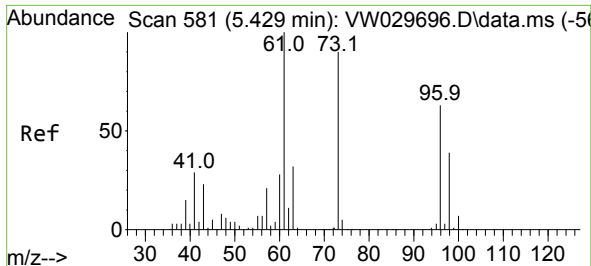
Tgt Ion: 43 Resp: 47785
Ion Ratio Lower Upper
43 100
74 19.3 16.2 24.4



#16
Methylene chloride
Concen: 23.081 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW029710.D
Acq: 23 Jul 2024 17:06

Tgt Ion: 84 Resp: 90588
Ion Ratio Lower Upper
84 100
86 63.0 46.2 85.8
49 146.2 96.7 179.7

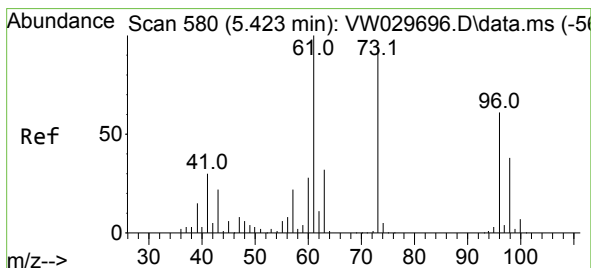
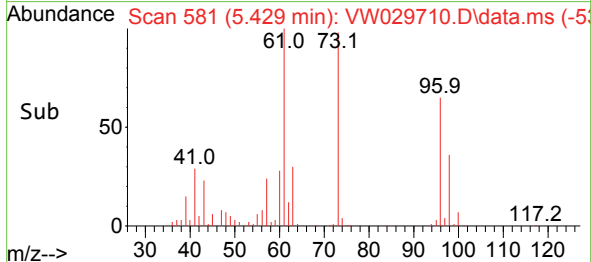
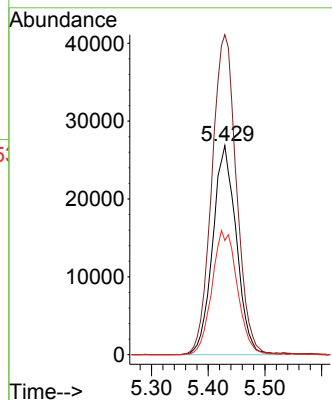
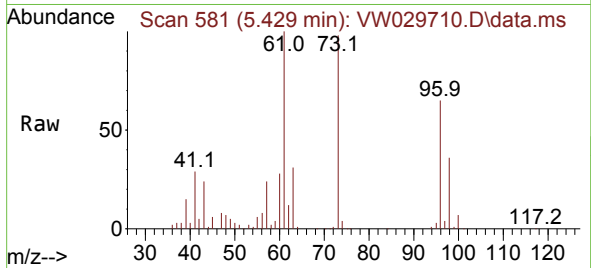




#17
trans-1,2-Dichloroethene
Concen: 25.742 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW029710.D
Acq: 23 Jul 2024 17:06

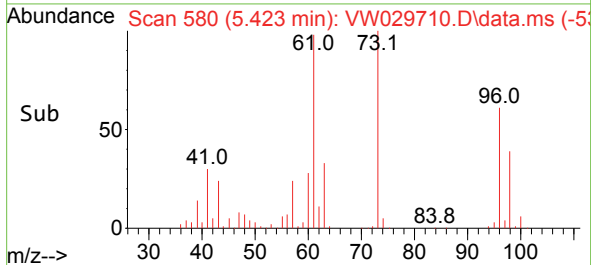
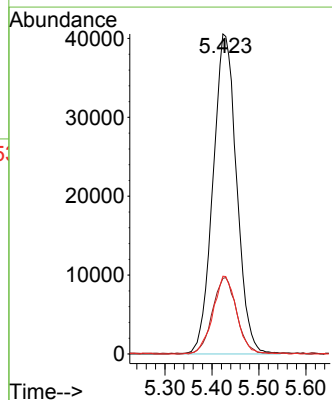
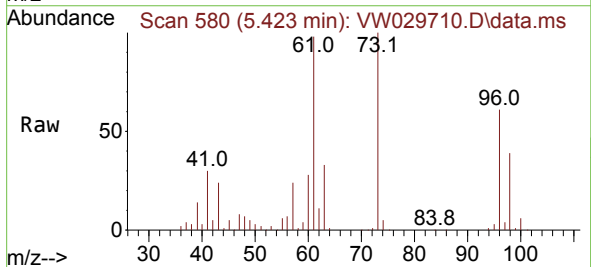
Instrument :
MSVOA_W
ClientSampleId :

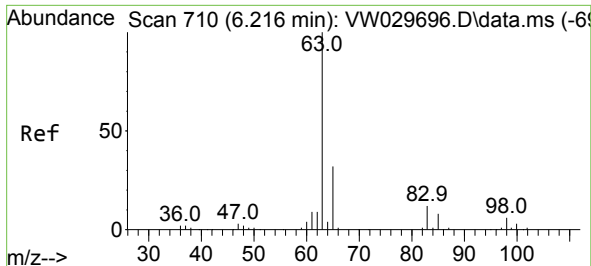
Tgt Ion: 96 Resp: 77691
Ion Ratio Lower Upper
96 100
61 153.1 102.9 191.1
98 54.7 43.9 81.5



#18
Methyl tert-butyl Ether
Concen: 27.598 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW029710.D
Acq: 23 Jul 2024 17:06

Tgt Ion: 73 Resp: 141717
Ion Ratio Lower Upper
73 100
43 24.0 18.7 28.1
57 24.2 18.9 28.3





#19

1,1-Dichloroethane

Concen: 28.236 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW029710.D

Acq: 23 Jul 2024 17:06

Instrument :

MSVOA_W

ClientSampleId :

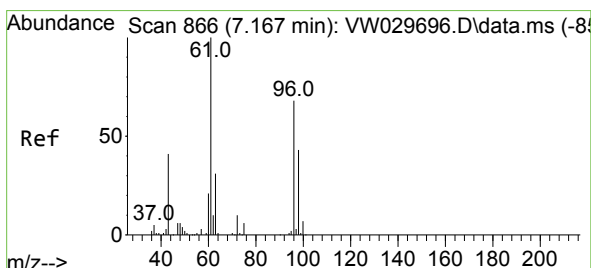
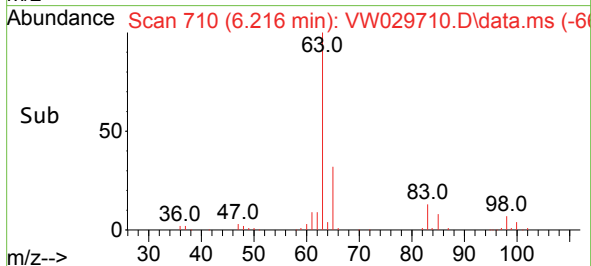
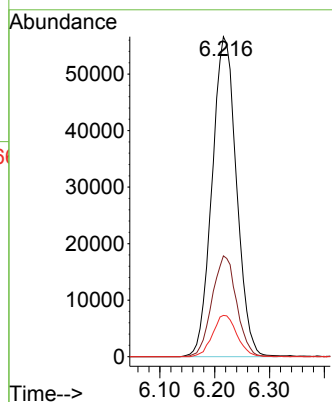
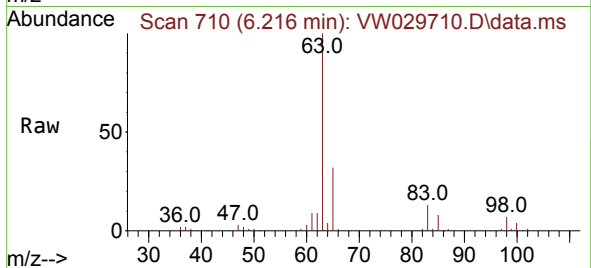
Tgt Ion: 63 Resp: 175003

Ion Ratio Lower Upper

63 100

65 31.5 21.5 39.9

83 12.9 8.7 16.1



#20

cis-1,2-Dichloroethene

Concen: 27.716 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.000 min

Lab File: VW029710.D

Acq: 23 Jul 2024 17:06

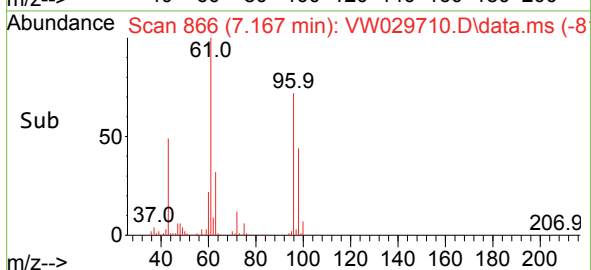
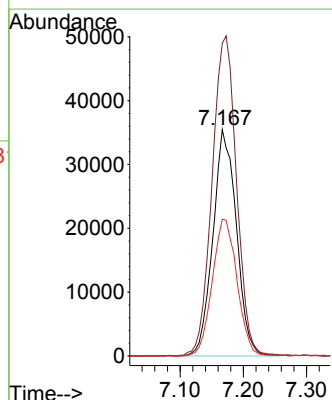
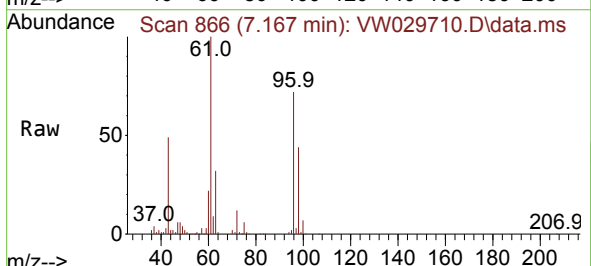
Tgt Ion: 96 Resp: 91469

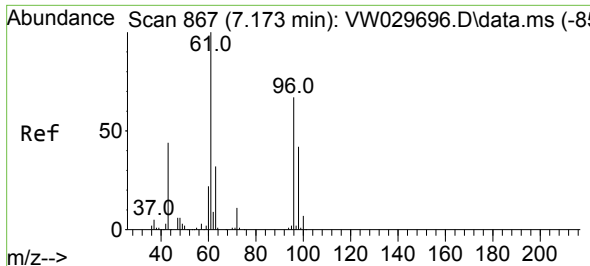
Ion Ratio Lower Upper

96 100

61 138.1 97.4 180.8

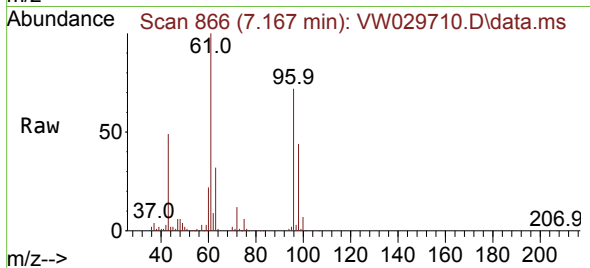
98 60.4 41.6 77.2



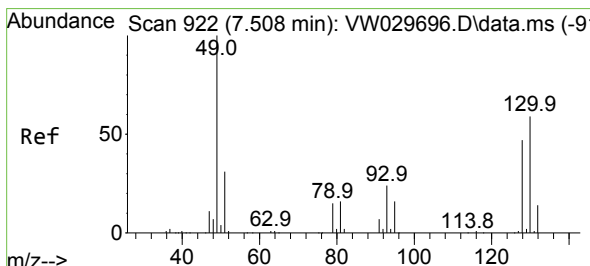
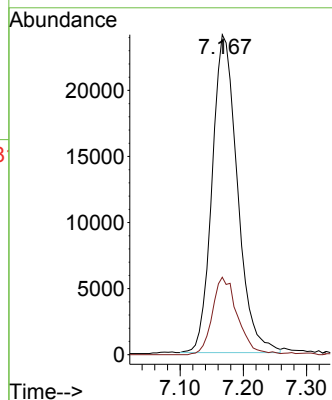
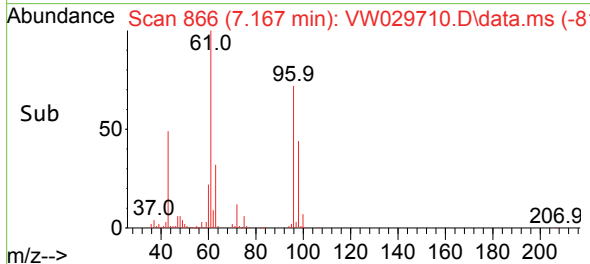


#22
2-Butanone
Concen: 47.489 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW029710.D
Acq: 23 Jul 2024 17:06

Instrument :
MSVOA_W
ClientSampleId :

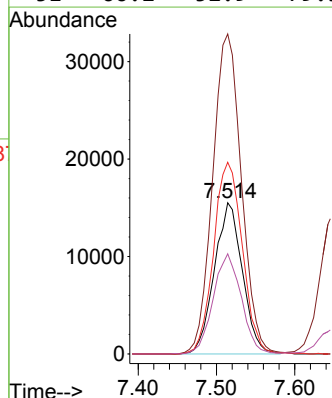
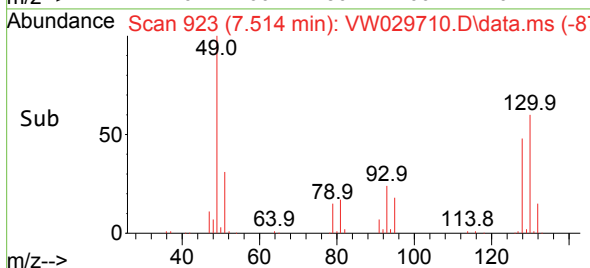
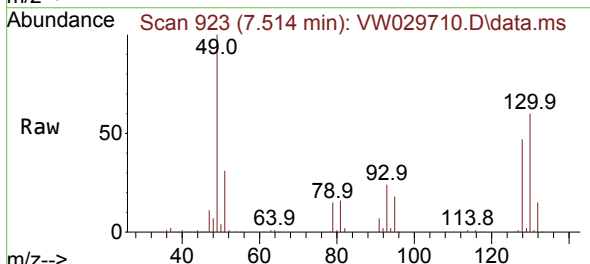


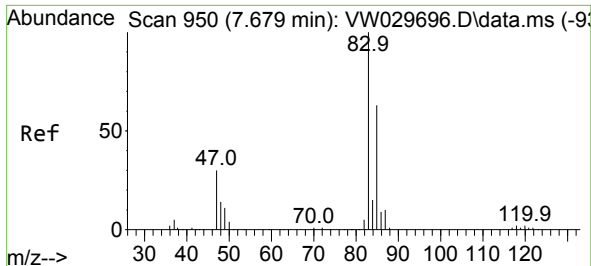
Tgt Ion: 43 Resp: 66894
Ion Ratio Lower Upper
43 100
72 24.0 12.0 36.1



#23
Bromochloromethane
Concen: 25.970 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.006 min
Lab File: VW029710.D
Acq: 23 Jul 2024 17:06

Tgt Ion: 128 Resp: 38550
Ion Ratio Lower Upper
128 100
49 211.6 146.2 271.4
130 126.8 91.9 170.7
51 66.2 52.9 79.3

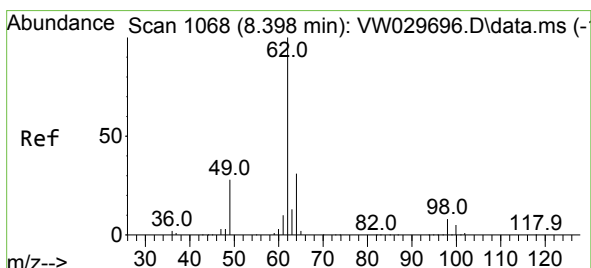
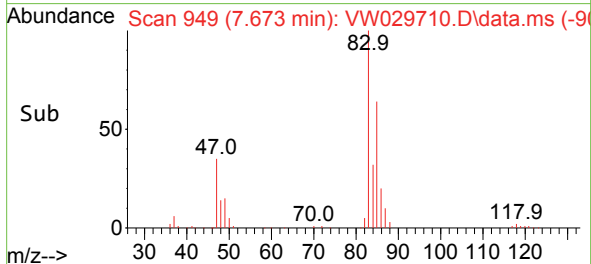
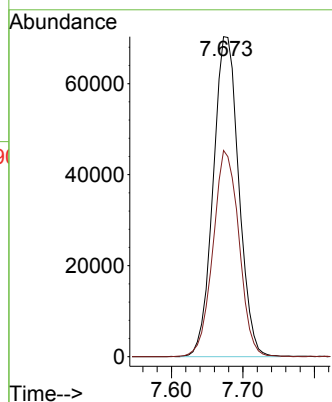
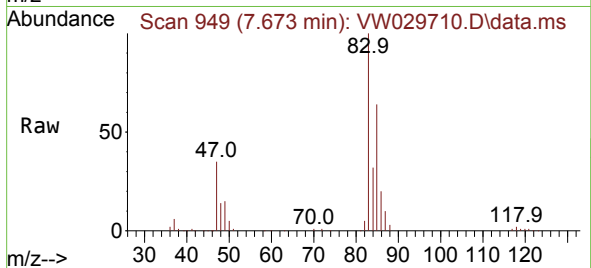




#25
Chloroform
Concen: 29.159 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW029710.D
Acq: 23 Jul 2024 17:06

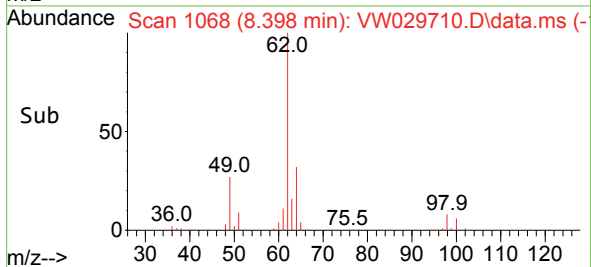
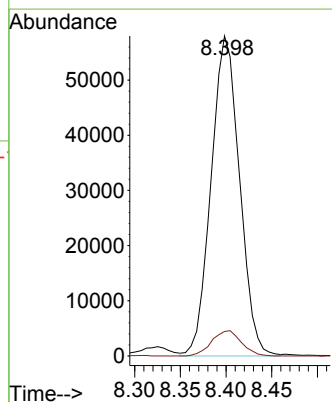
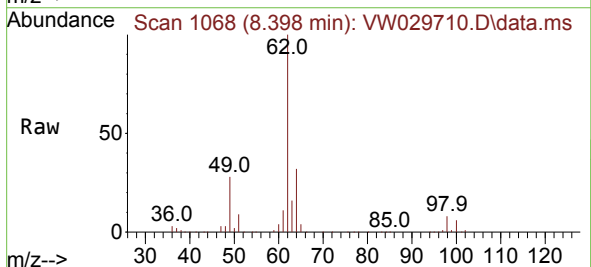
Instrument :
MSVOA_W
ClientSampleId :

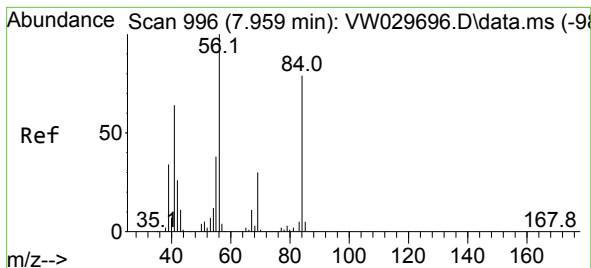
Tgt Ion: 83 Resp: 174866
Ion Ratio Lower Upper
83 100
85 64.5 44.1 81.9



#27
1,2-Dichloroethane
Concen: 27.923 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW029710.D
Acq: 23 Jul 2024 17:06

Tgt Ion: 62 Resp: 125598
Ion Ratio Lower Upper
62 100
98 7.7 6.0 9.0





#29

Cyclohexane

Concen: 26.642 ug/L

RT: 7.953 min Scan# 995

Delta R.T. -0.006 min

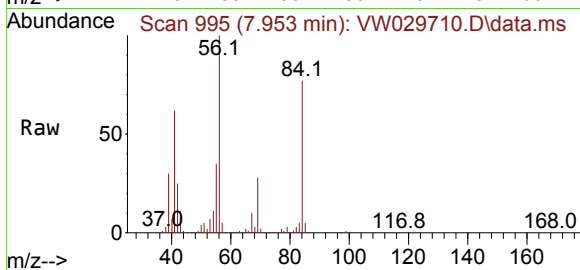
Lab File: VW029710.D

Acq: 23 Jul 2024 17:06

Instrument :

MSVOA_W

ClientSampleId :



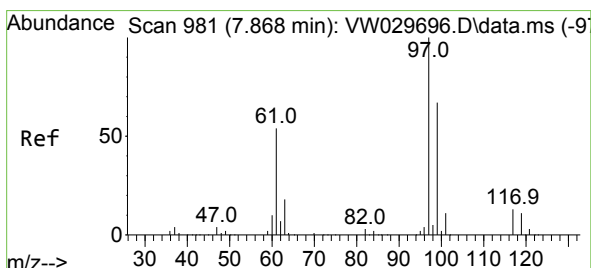
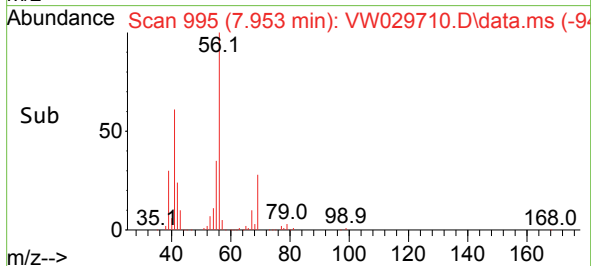
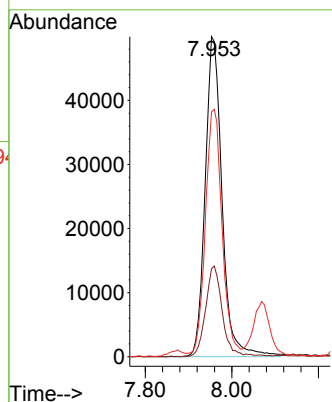
Tgt Ion: 56 Resp: 135153

Ion Ratio Lower Upper

56 100

69 27.5 23.3 34.9

84 75.8 63.1 94.7



#30

1,1,1-Trichloroethane

Concen: 28.355 ug/L

RT: 7.868 min Scan# 981

Delta R.T. 0.000 min

Lab File: VW029710.D

Acq: 23 Jul 2024 17:06

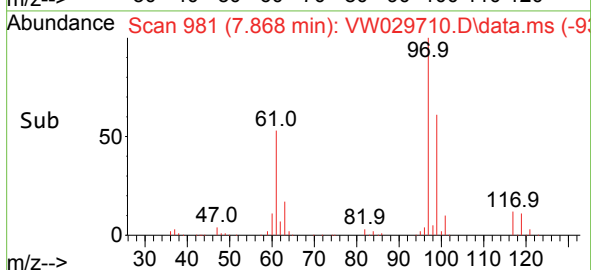
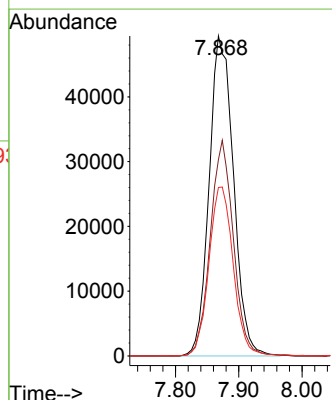
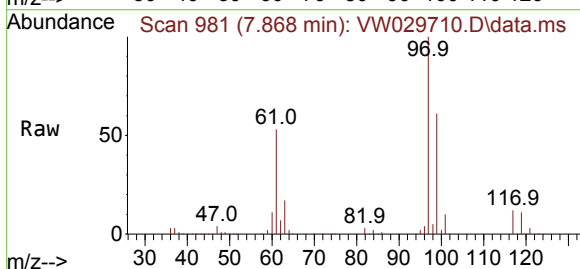
Tgt Ion: 97 Resp: 131912

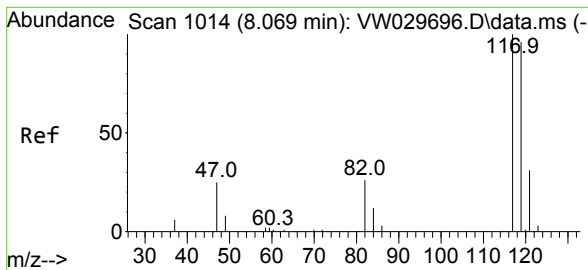
Ion Ratio Lower Upper

97 100

99 64.1 51.1 76.7

61 52.6 40.6 61.0

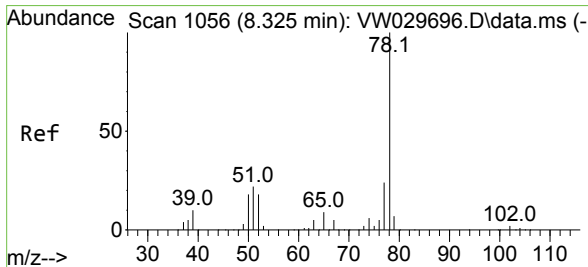
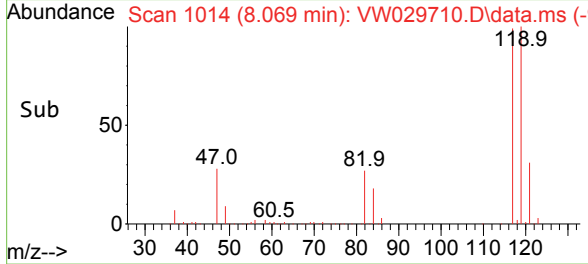
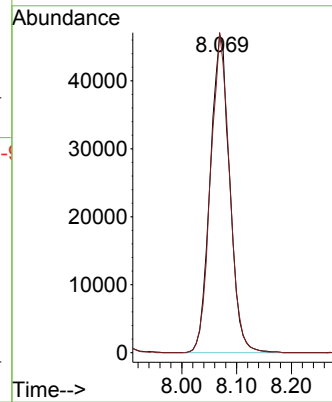
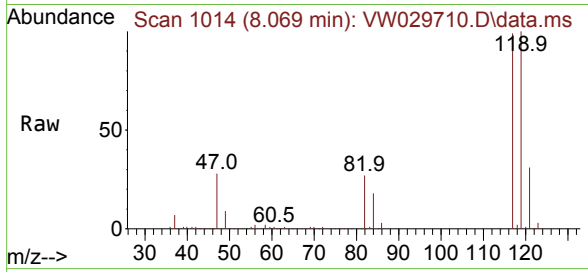




#31
Carbon tetrachloride
Concen: 27.169 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW029710.D
Acq: 23 Jul 2024 17:06

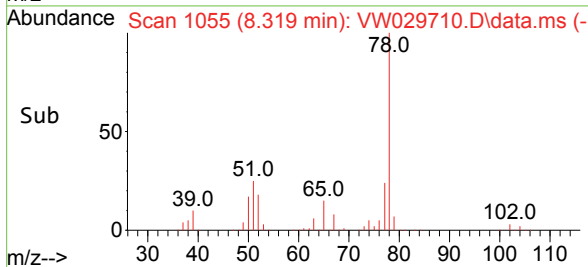
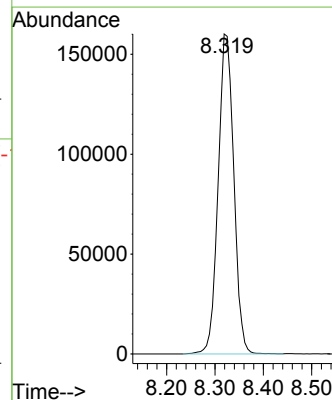
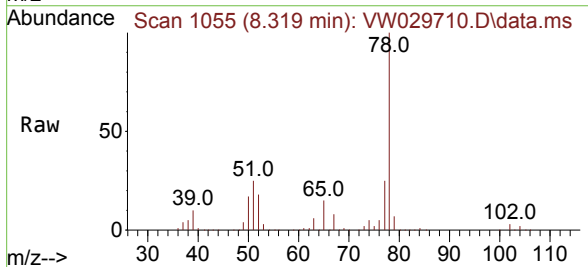
Instrument :
MSVOA_W
ClientSampleId :

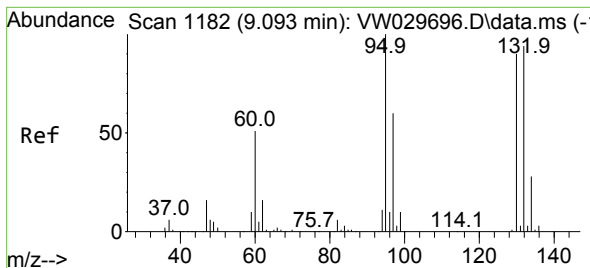
Tgt Ion:117 Resp: 115754
Ion Ratio Lower Upper
117 100
119 97.8 77.0 115.6



#33
Benzene
Concen: 28.238 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VW029710.D
Acq: 23 Jul 2024 17:06

Tgt Ion: 78 Resp: 359931





#34

Trichloroethene

Concen: 27.565 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

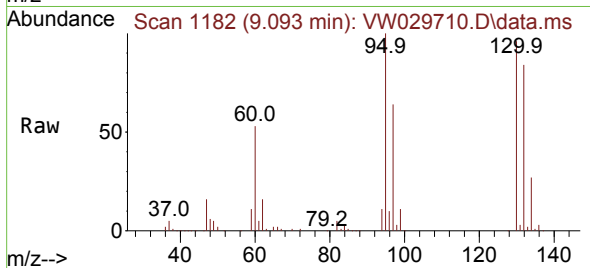
Lab File: VW029710.D

Acq: 23 Jul 2024 17:06

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 92784

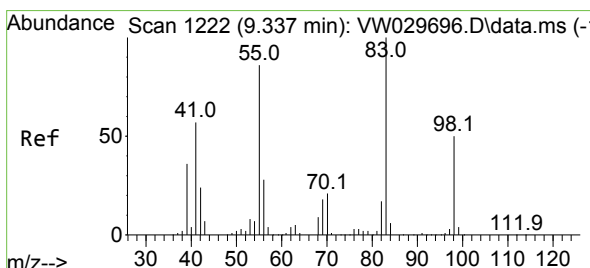
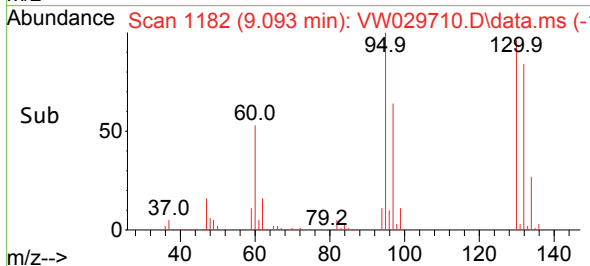
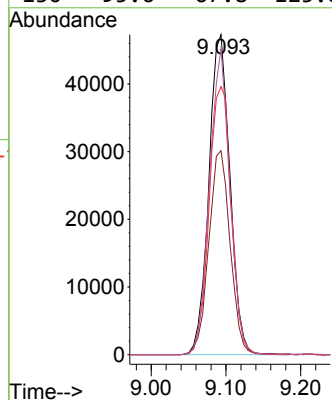
Ion Ratio Lower Upper

95 100

97 63.8 47.3 87.9

132 83.8 65.8 122.2

130 95.6 67.8 125.8



#35

Methylcyclohexane

Concen: 26.723 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW029710.D

Acq: 23 Jul 2024 17:06

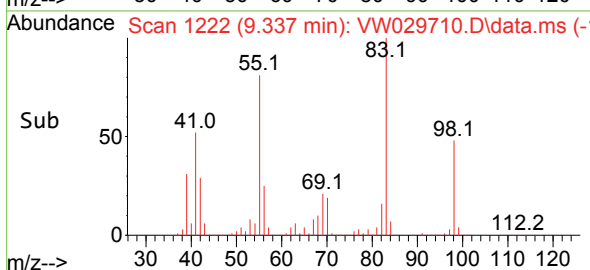
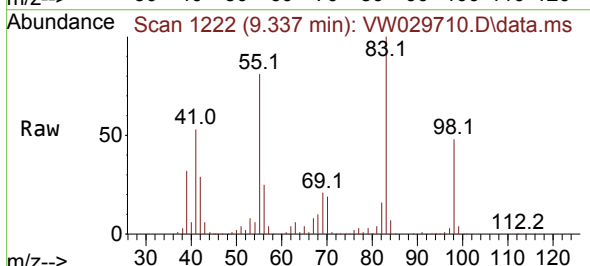
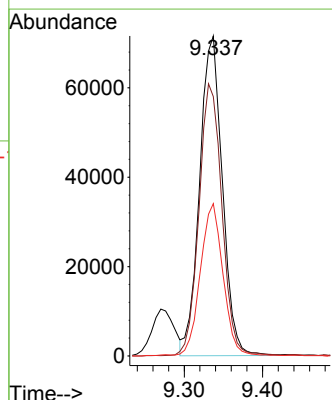
Tgt Ion: 83 Resp: 144579

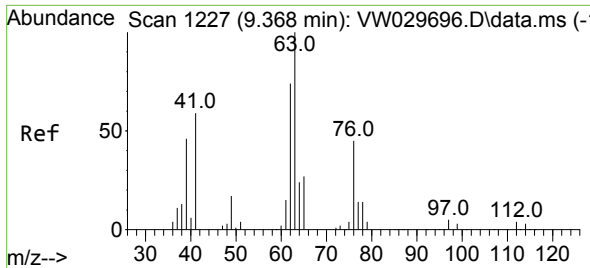
Ion Ratio Lower Upper

83 100

55 86.2 69.6 104.4

98 47.6 38.3 57.5

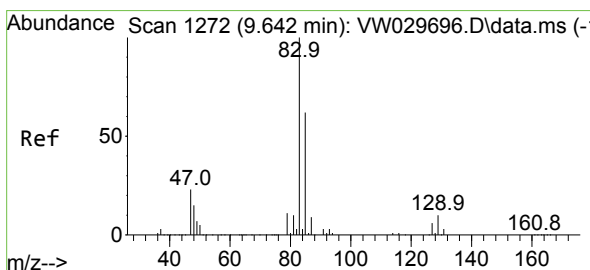
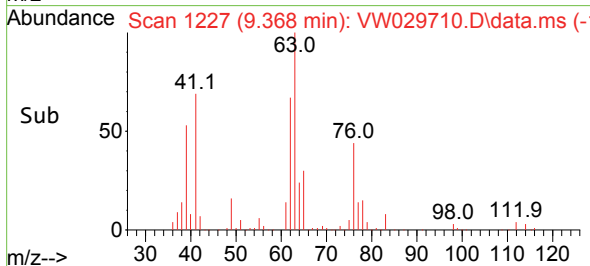
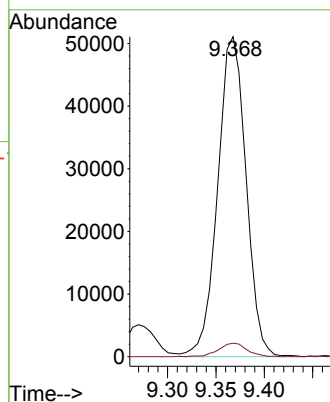
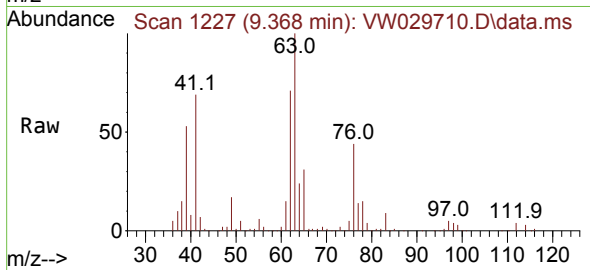




#37
1,2-Dichloropropane
Concen: 29.476 ug/L
RT: 9.368 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW029710.D
Acq: 23 Jul 2024 17:06

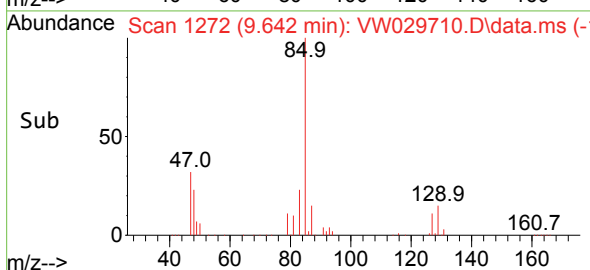
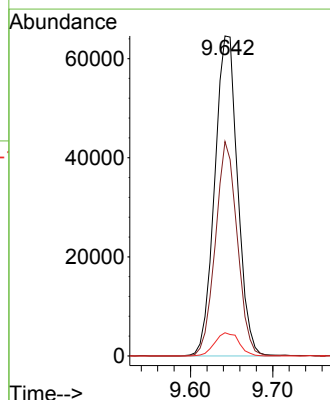
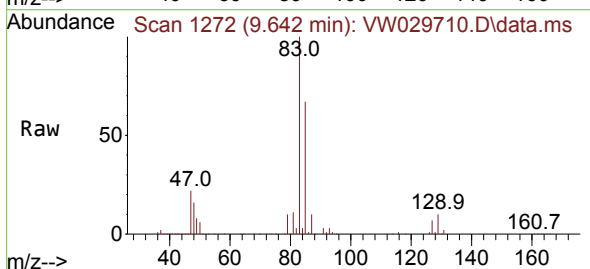
Instrument :
MSVOA_W
ClientSampleId :

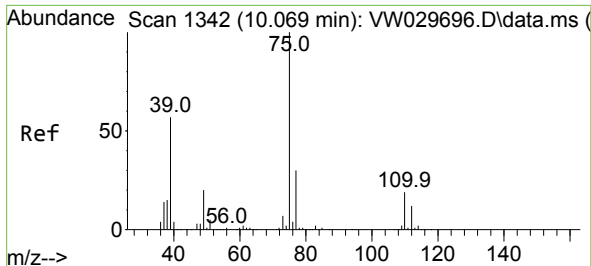
Tgt Ion: 63 Resp: 103895
Ion Ratio Lower Upper
63 100
112 4.2 3.3 4.9



#38
Bromodichloromethane
Concen: 29.086 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VW029710.D
Acq: 23 Jul 2024 17:06

Tgt Ion: 83 Resp: 125226
Ion Ratio Lower Upper
83 100
85 67.0 46.1 85.5
127 7.3 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 28.884 ug/L

RT: 10.069 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW029710.D

Acq: 23 Jul 2024 17:06

Instrument :

MSVOA_W

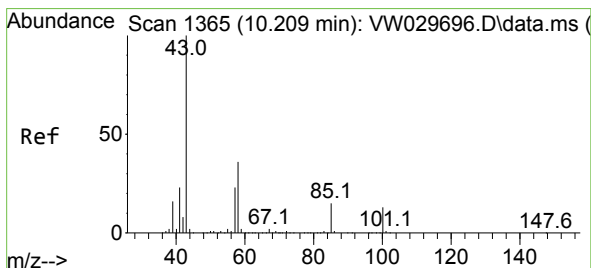
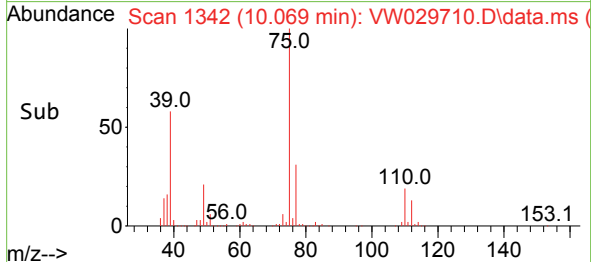
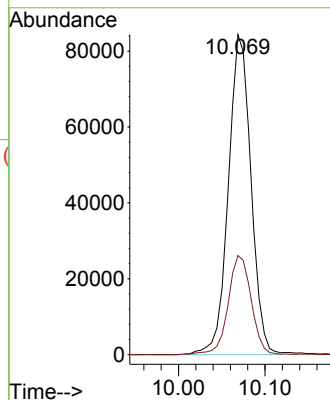
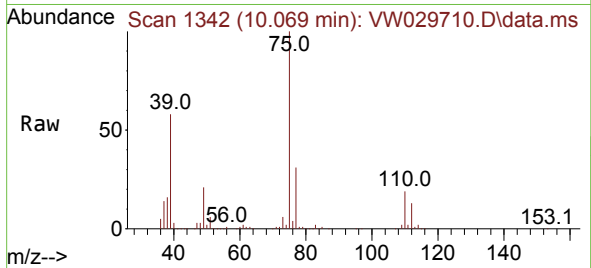
ClientSampleId :

Tgt Ion: 75 Resp: 152916

Ion Ratio Lower Upper

75 100

77 31.0 22.2 41.2



#40

4-Methyl-2-pentanone

Concen: 56.343 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW029710.D

Acq: 23 Jul 2024 17:06

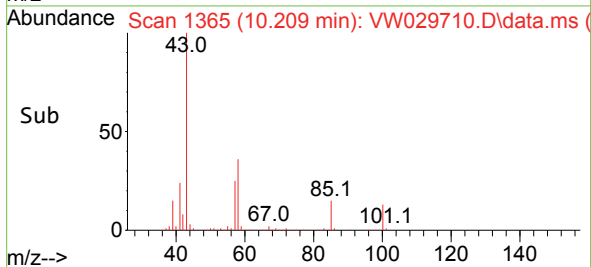
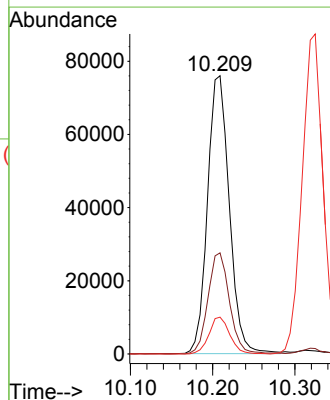
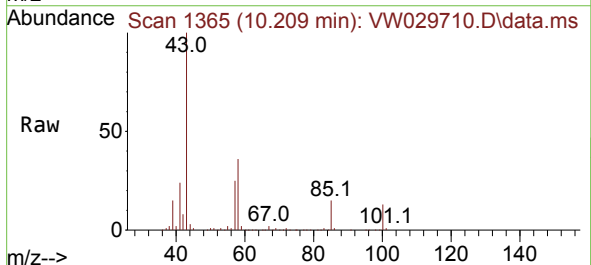
Tgt Ion: 43 Resp: 139963

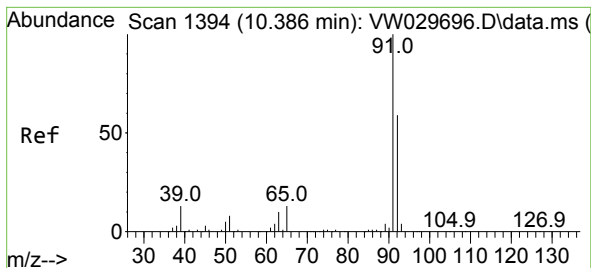
Ion Ratio Lower Upper

43 100

58 35.7 29.0 43.6

100 12.7 10.5 15.7





#42

Toluene

Concen: 29.357 ug/L

RT: 10.386 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW029710.D

Acq: 23 Jul 2024 17:06

Instrument :

MSVOA_W

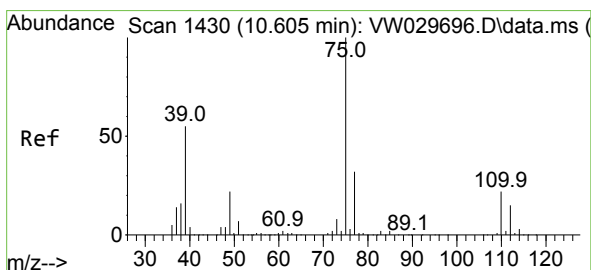
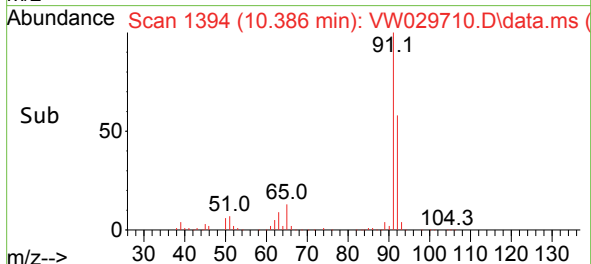
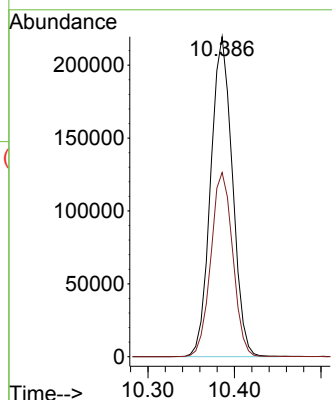
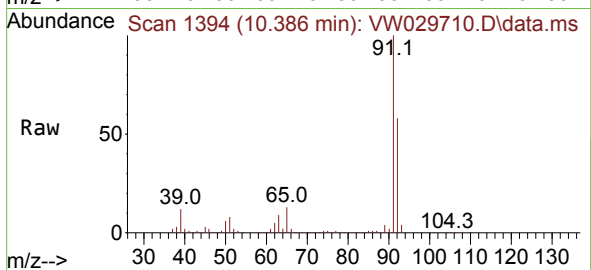
ClientSampleId :

Tgt Ion: 91 Resp: 382818

Ion Ratio Lower Upper

91 100

92 57.5 41.1 76.3



#44

trans-1,3-Dichloropropene

Concen: 28.589 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW029710.D

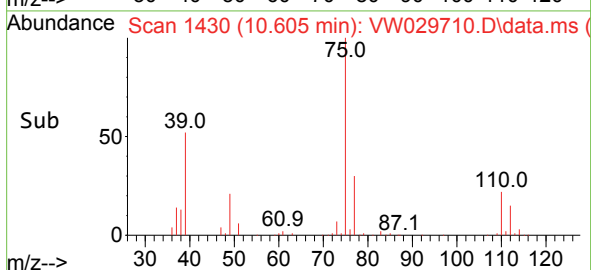
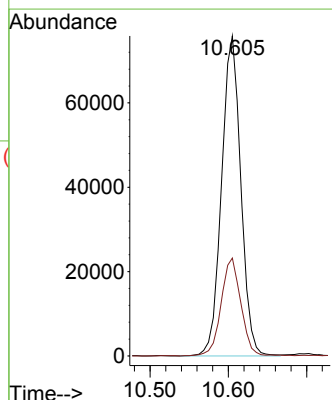
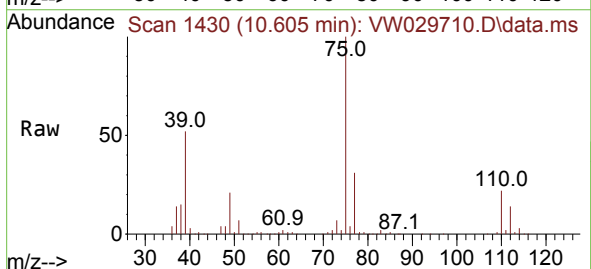
Acq: 23 Jul 2024 17:06

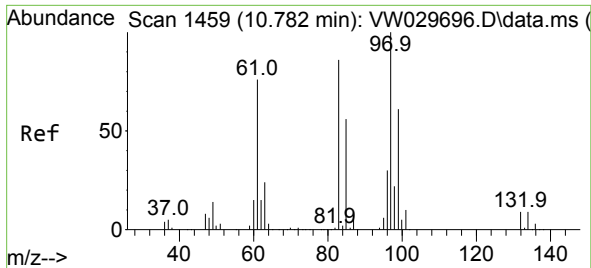
Tgt Ion: 75 Resp: 129722

Ion Ratio Lower Upper

75 100

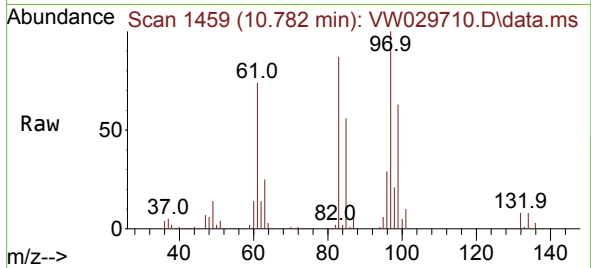
77 30.6 22.4 41.6



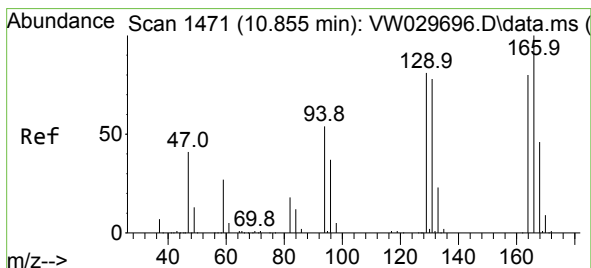
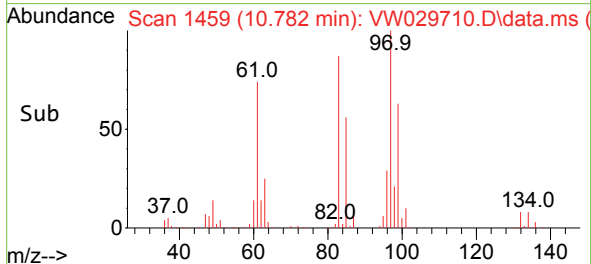
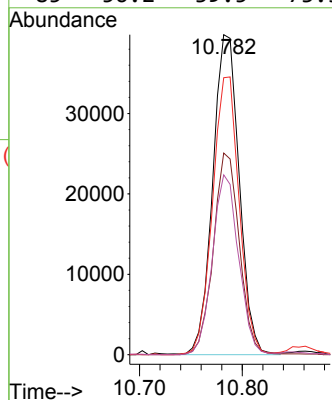


#45
1,1,2-Trichloroethane
Concen: 28.060 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VW029710.D
Acq: 23 Jul 2024 17:06

Instrument :
MSVOA_W
ClientSampleId :

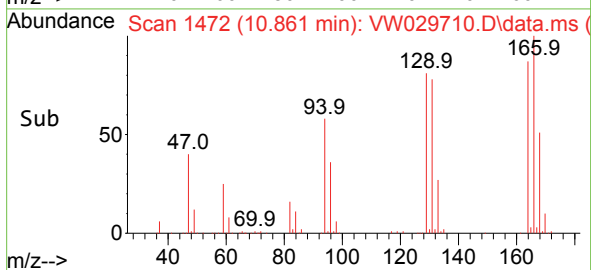
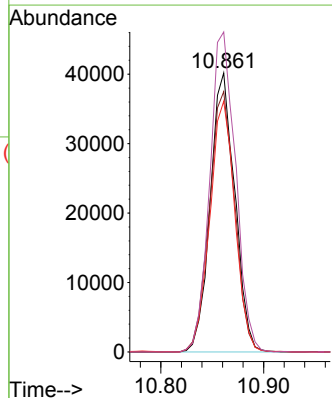
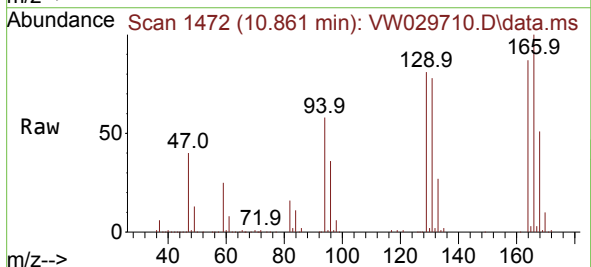


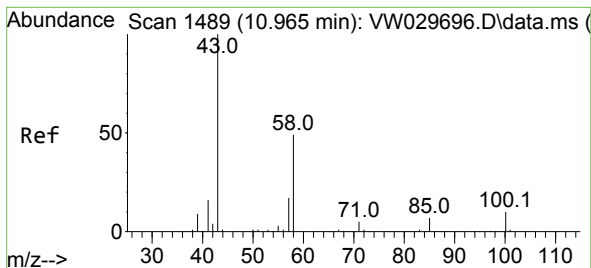
Tgt Ion: 97 Resp: 71131
Ion Ratio Lower Upper
97 100
99 63.0 43.8 81.4
83 86.6 60.3 111.9
85 56.2 39.5 73.3



#46
Tetrachloroethene
Concen: 27.931 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VW029710.D
Acq: 23 Jul 2024 17:06

Tgt Ion:164 Resp: 66793
Ion Ratio Lower Upper
164 100
129 93.3 60.0 111.4
131 89.8 64.6 120.0
166 114.6 80.4 149.2





#48

2-Hexanone

Concen: 55.644 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. -0.000 min

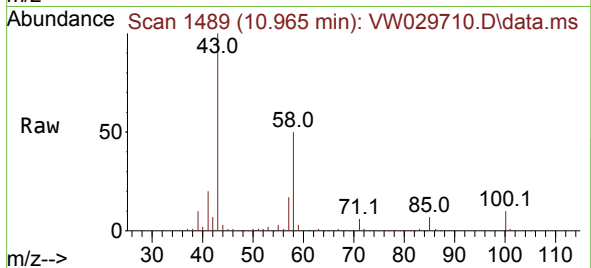
Lab File: VW029710.D

Acq: 23 Jul 2024 17:06

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 103846

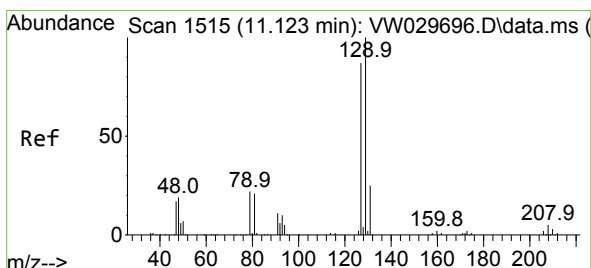
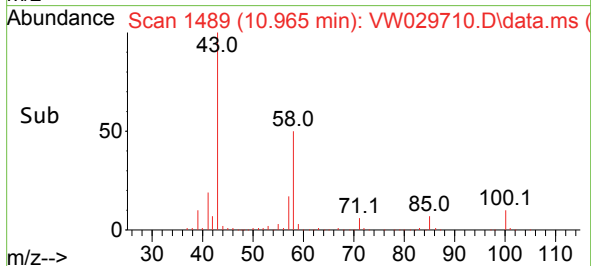
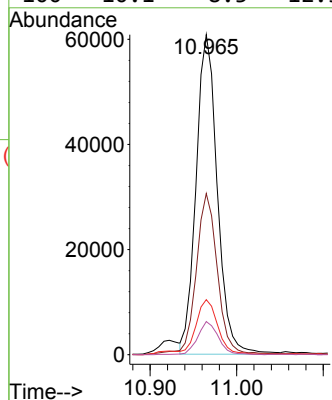
Ion Ratio Lower Upper

43 100

58 48.4 39.8 59.8

57 17.1 14.6 21.8

100 10.1 8.3 12.5



#49

Dibromochloromethane

Concen: 28.417 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. 0.006 min

Lab File: VW029710.D

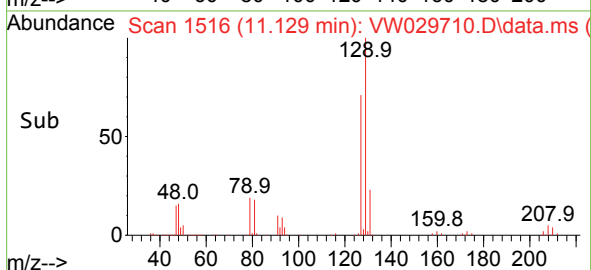
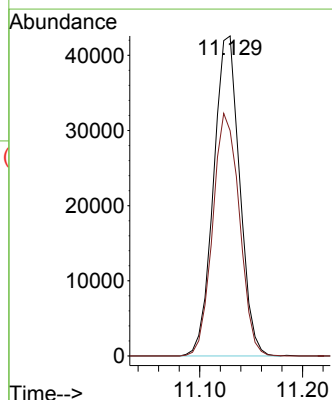
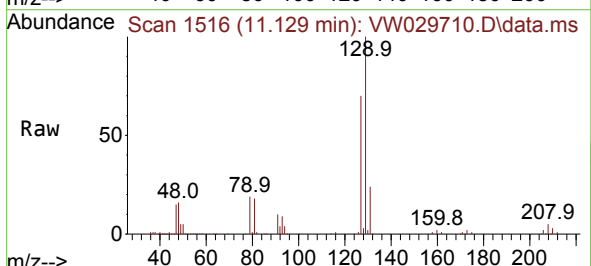
Acq: 23 Jul 2024 17:06

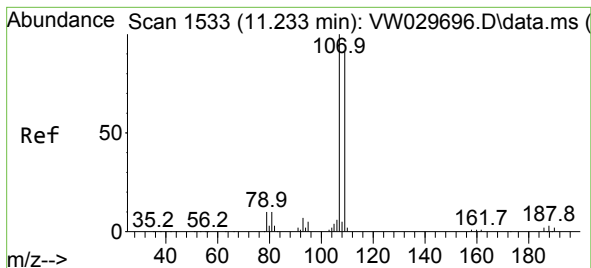
Tgt Ion:129 Resp: 74968

Ion Ratio Lower Upper

129 100

127 70.4 51.9 96.3

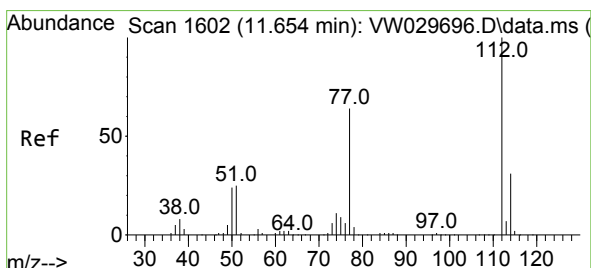
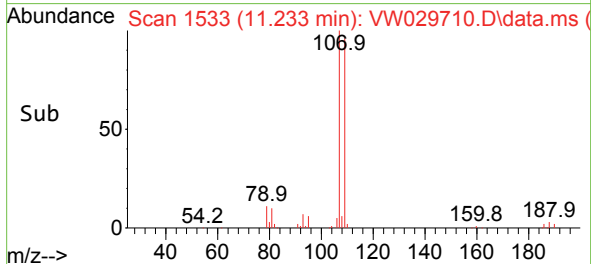
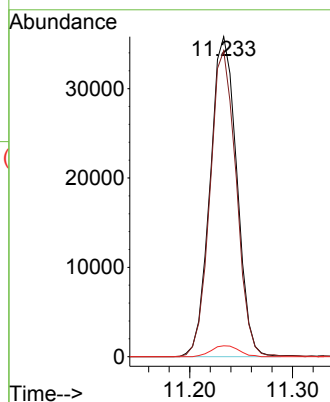
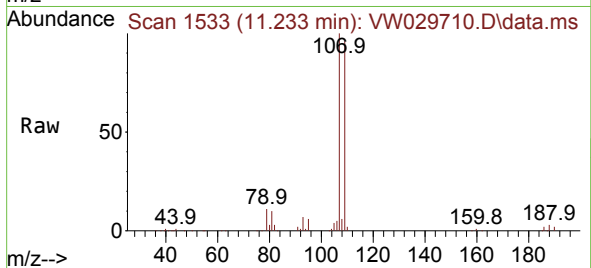




#50
1,2-Dibromoethane
Concen: 26.714 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW029710.D
Acq: 23 Jul 2024 17:06

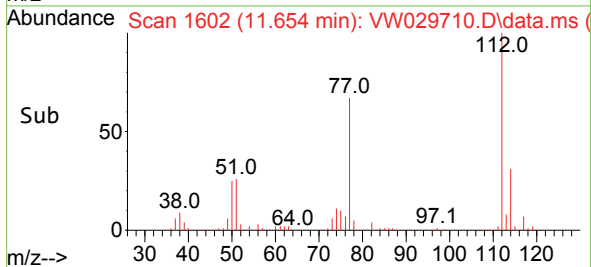
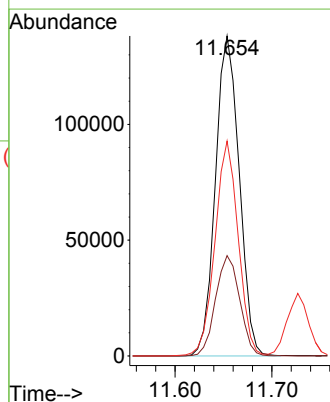
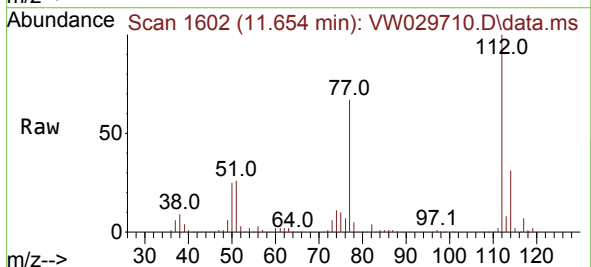
Instrument :
MSVOA_W
ClientSampleId :

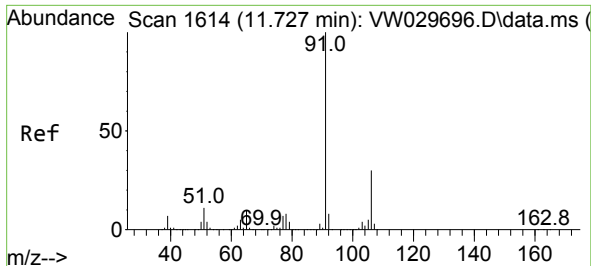
Tgt Ion:107 Resp: 64532
Ion Ratio Lower Upper
107 100
109 95.6 63.2 117.4
188 3.4 2.9 4.3



#51
Chlorobenzene
Concen: 28.008 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW029710.D
Acq: 23 Jul 2024 17:06

Tgt Ion:112 Resp: 236101
Ion Ratio Lower Upper
112 100
114 31.4 22.6 42.0
77 67.1 49.9 74.9

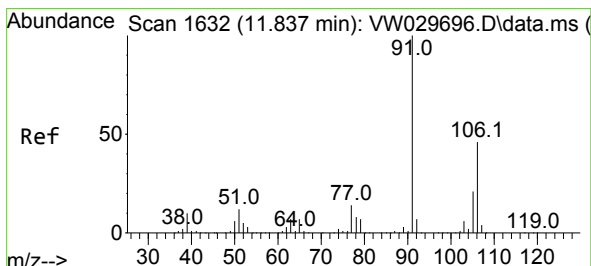
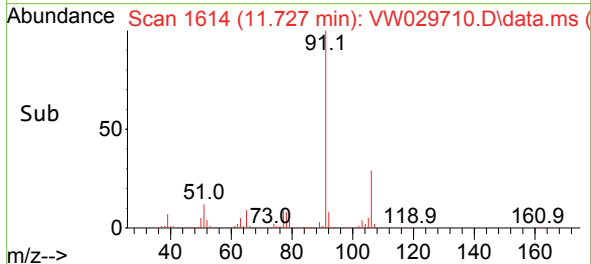
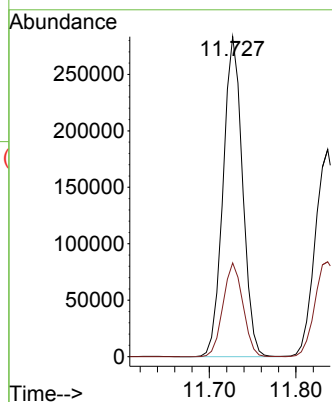
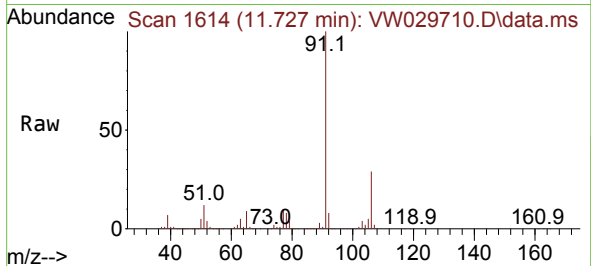




#52
Ethylbenzene
Concen: 29.900 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW029710.D
Acq: 23 Jul 2024 17:06

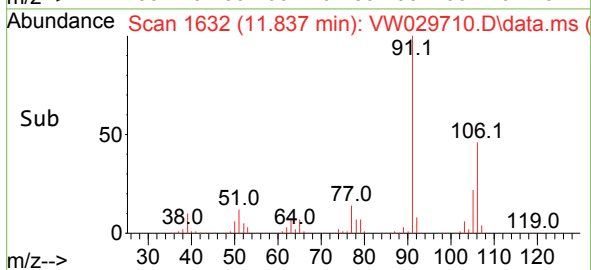
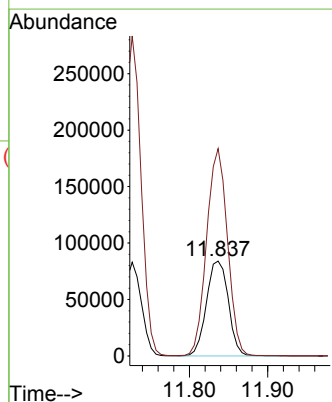
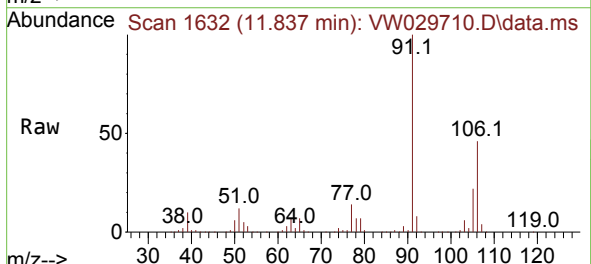
Instrument :
MSVOA_W
ClientSampleId :

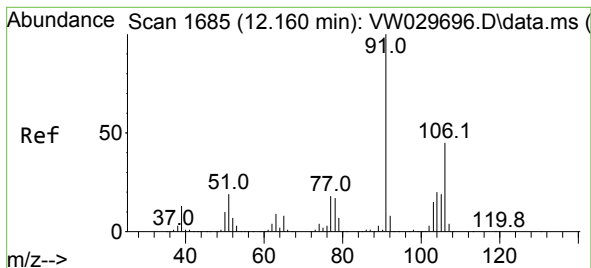
Tgt Ion: 91 Resp: 441737
Ion Ratio Lower Upper
91 100
106 29.3 20.2 37.6



#53
m,p-Xylene
Concen: 30.065 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW029710.D
Acq: 23 Jul 2024 17:06

Tgt Ion: 106 Resp: 163056
Ion Ratio Lower Upper
106 100
91 218.6 149.3 277.3





#54

o-Xylene

Concen: 29.908 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW029710.D

Acq: 23 Jul 2024 17:06

Instrument :

MSVOA_W

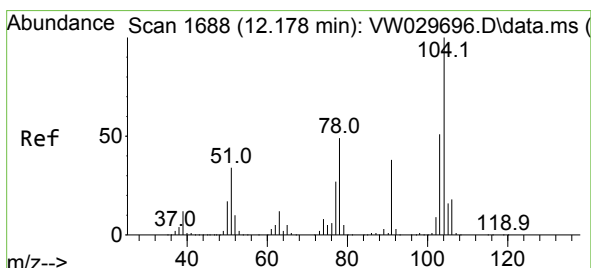
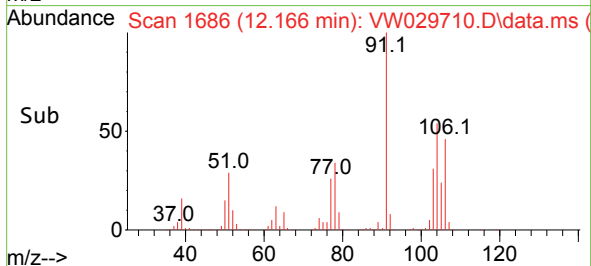
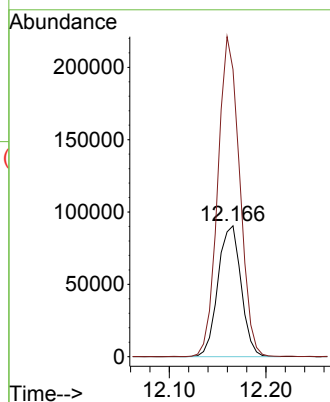
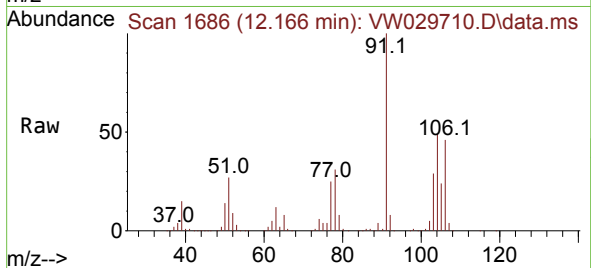
ClientSampleId :

Tgt Ion:106 Resp: 150026

Ion Ratio Lower Upper

106 100

91 219.6 159.2 295.6



#55

Styrene

Concen: 30.084 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW029710.D

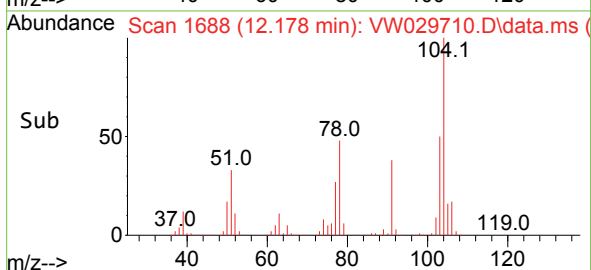
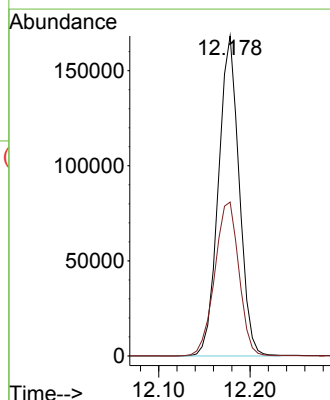
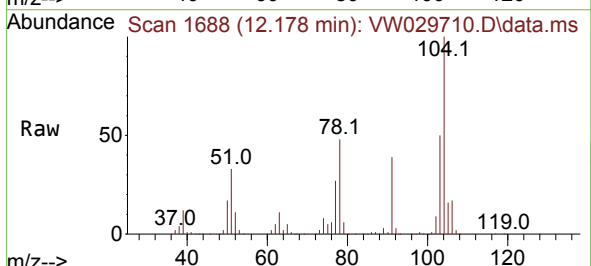
Acq: 23 Jul 2024 17:06

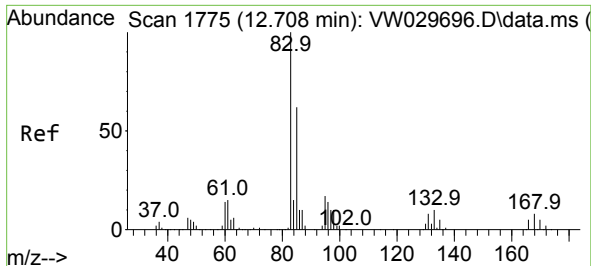
Tgt Ion:104 Resp: 265360

Ion Ratio Lower Upper

104 100

78 48.1 34.7 64.5





#57

1,1,2,2-Tetrachloroethane

Concen: 27.452 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029710.D

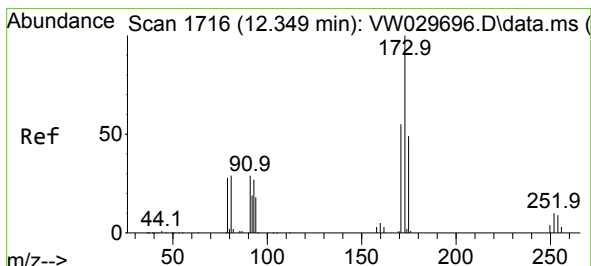
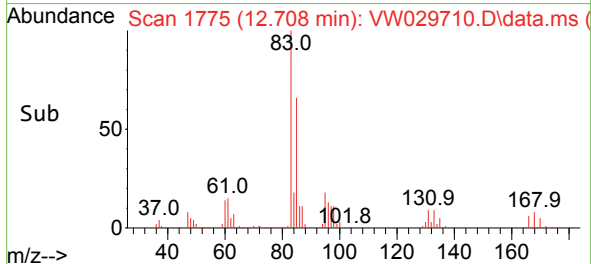
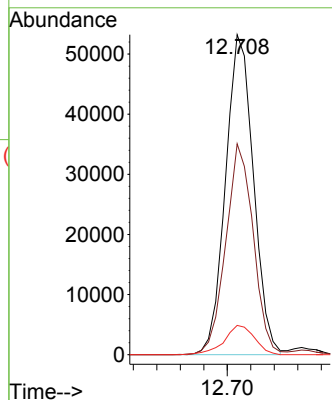
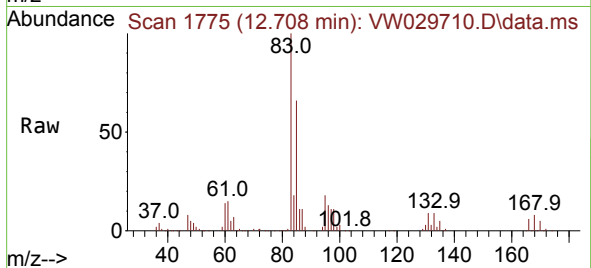
Acq: 23 Jul 2024 17:06

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	87780
Ion Ratio	Lower	Upper	
83	100		
85	65.9	45.4	84.4
131	9.1	6.4	9.6



#59

Bromoform

Concen: 25.405 ug/L

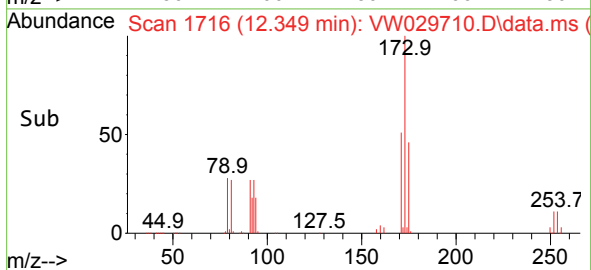
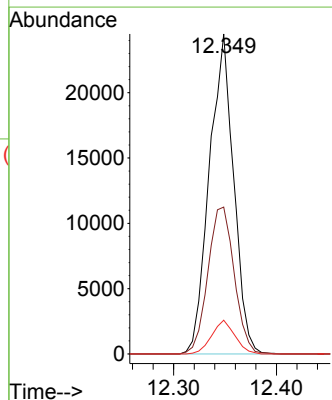
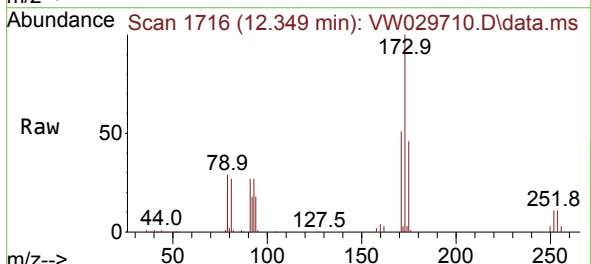
RT: 12.349 min Scan# 1716

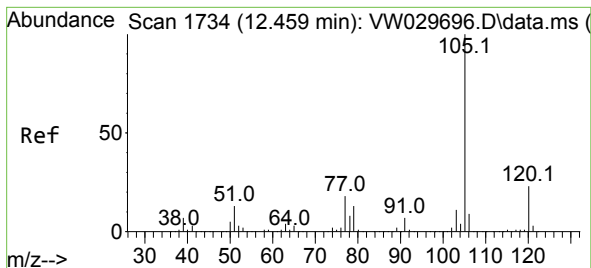
Delta R.T. 0.000 min

Lab File: VW029710.D

Acq: 23 Jul 2024 17:06

Tgt Ion:	173	Resp:	40243
Ion Ratio	Lower	Upper	
173	100		
175	49.6	40.4	60.6
254	10.0	8.8	13.2





#60

Isopropylbenzene

Concen: 29.882 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029710.D

Acq: 23 Jul 2024 17:06

Instrument :

MSVOA_W

ClientSampleId :

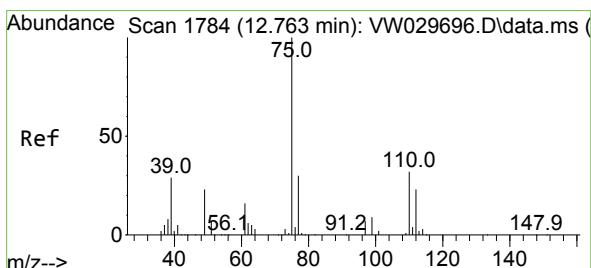
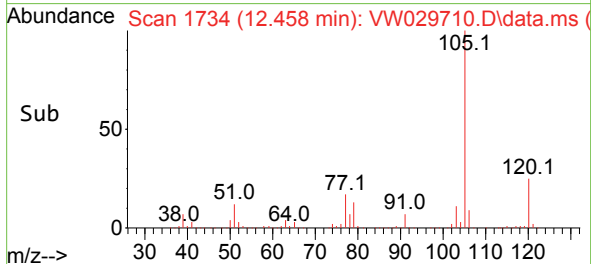
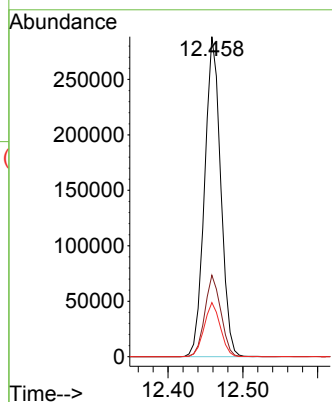
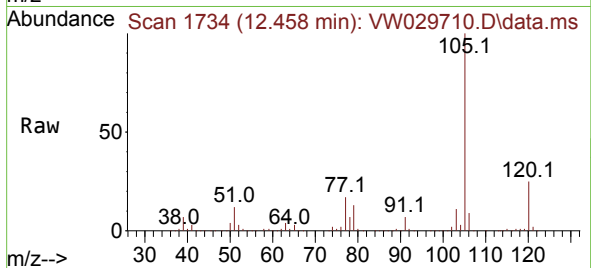
Tgt Ion:105 Resp: 431459

Ion Ratio Lower Upper

105 100

120 25.3 20.2 30.4

77 17.1 13.6 20.4



#61

1,2,3-Trichloropropane

Concen: 26.437 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW029710.D

Acq: 23 Jul 2024 17:06

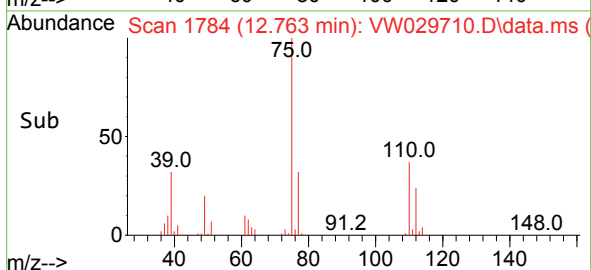
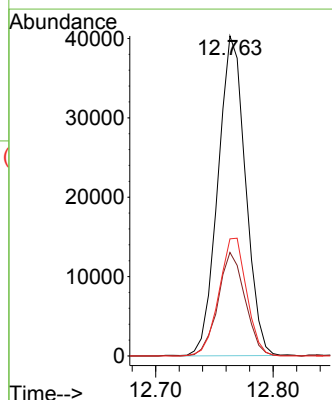
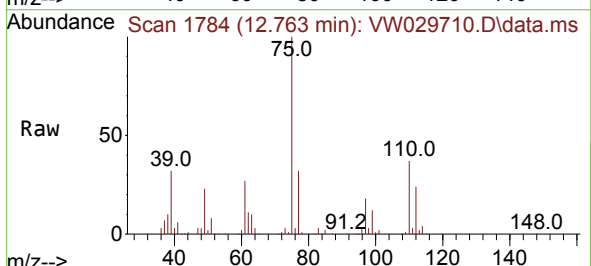
Tgt Ion: 75 Resp: 65658

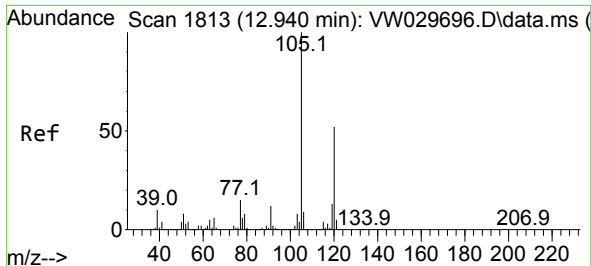
Ion Ratio Lower Upper

75 100

77 31.9 25.5 38.3

110 37.0 29.1 43.7

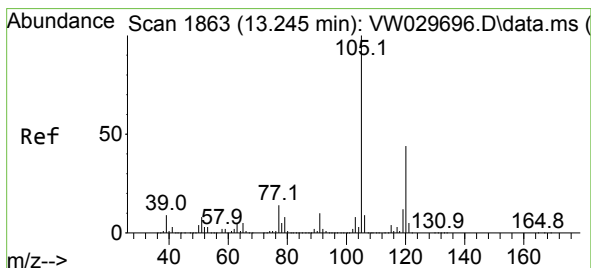
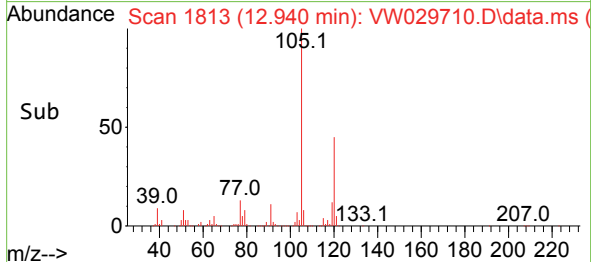
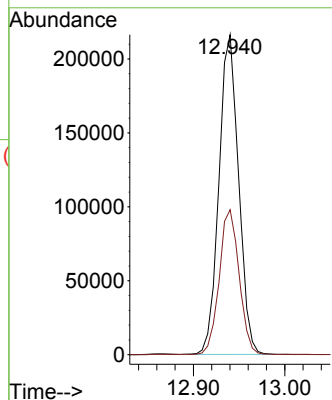
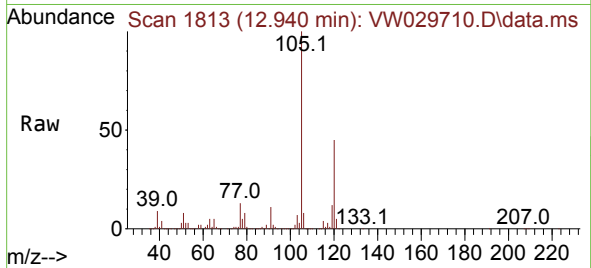




#62
1,3,5-Trimethylbenzene
Concen: 31.517 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW029710.D
Acq: 23 Jul 2024 17:06

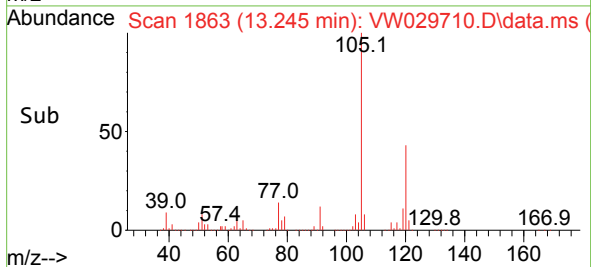
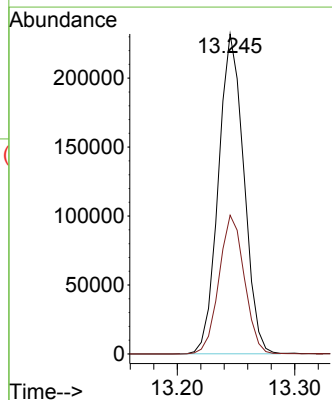
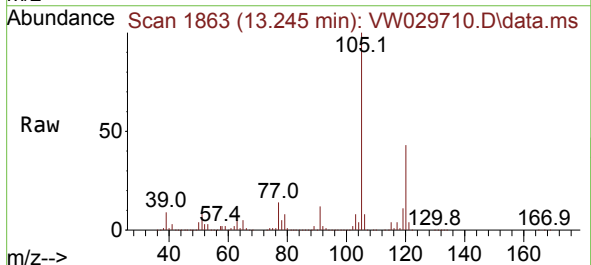
Instrument :
MSVOA_W
ClientSampleId :

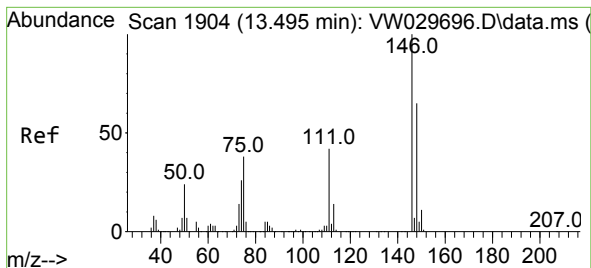
Tgt Ion:105 Resp: 323707
Ion Ratio Lower Upper
105 100
120 45.8 38.4 57.6



#63
1,2,4-Trimethylbenzene
Concen: 30.783 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW029710.D
Acq: 23 Jul 2024 17:06

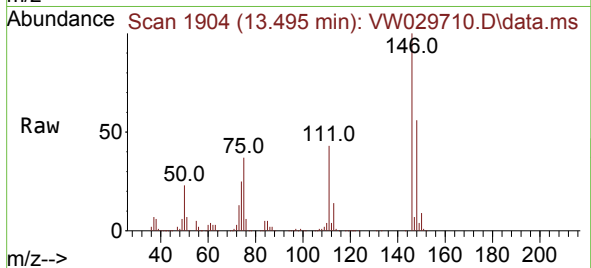
Tgt Ion:105 Resp: 348946
Ion Ratio Lower Upper
105 100
120 43.2 34.7 52.1



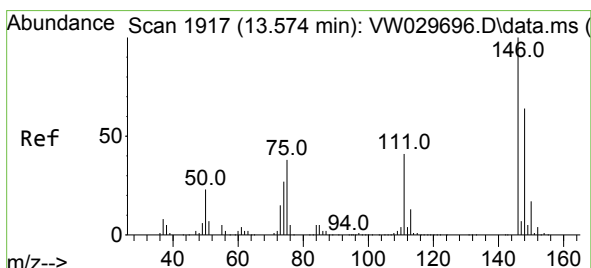
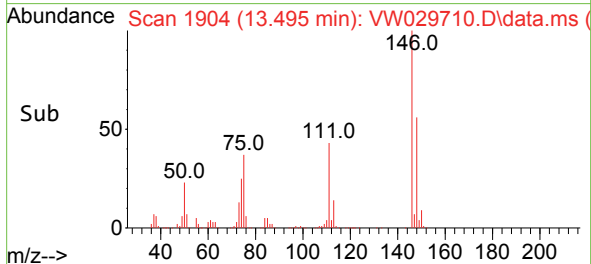
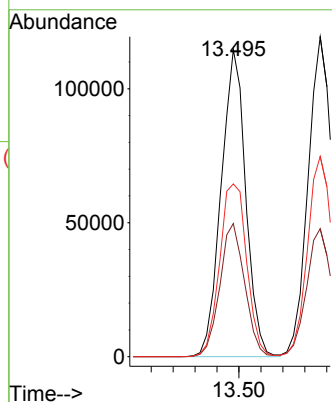


#64
1,3-Dichlorobenzene
Concen: 27.555 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW029710.D
Acq: 23 Jul 2024 17:06

Instrument :
MSVOA_W
ClientSampleId :

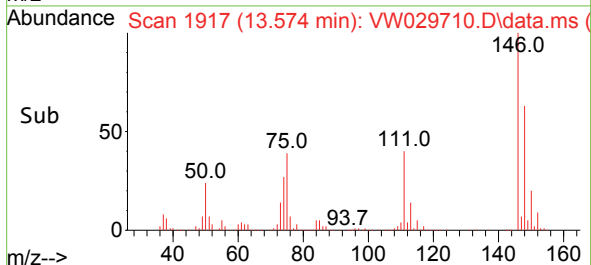
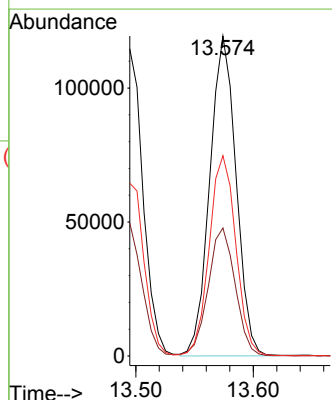
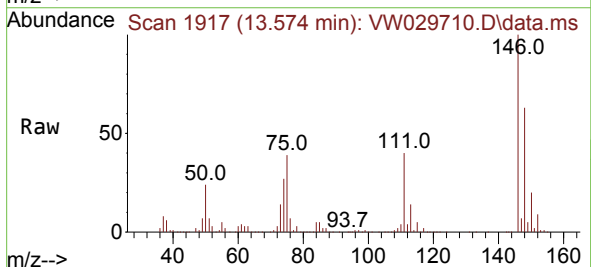


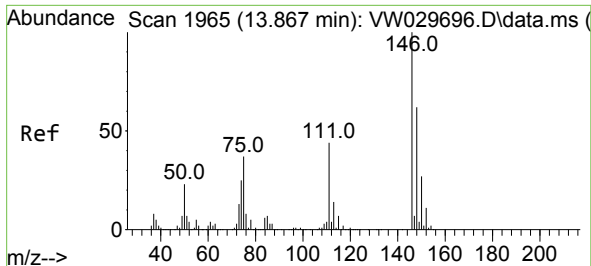
Tgt Ion:146 Resp: 178340
Ion Ratio Lower Upper
146 100
111 43.4 28.6 53.2
148 56.2 43.0 80.0



#65
1,4-Dichlorobenzene
Concen: 28.070 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW029710.D
Acq: 23 Jul 2024 17:06

Tgt Ion:146 Resp: 186116
Ion Ratio Lower Upper
146 100
111 40.0 27.6 51.4
148 62.6 40.9 75.9





#67

1,2-Dichlorobenzene

Concen: 27.587 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW029710.D

Acq: 23 Jul 2024 17:06

Instrument :

MSVOA_W

ClientSampleId :

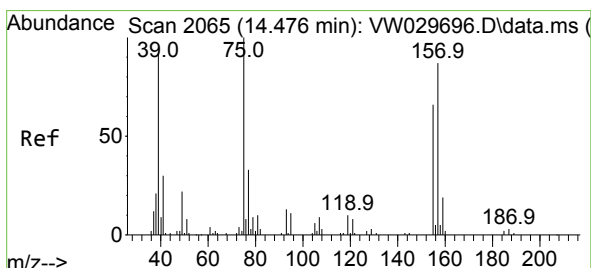
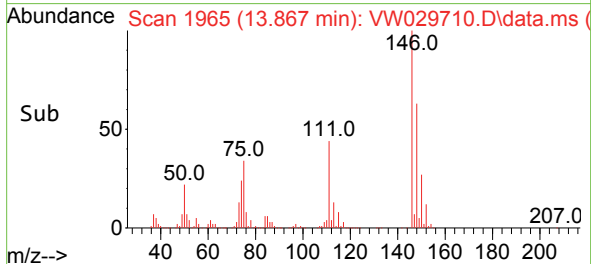
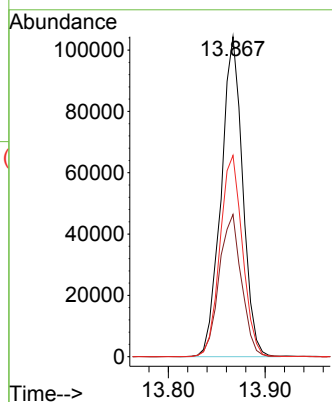
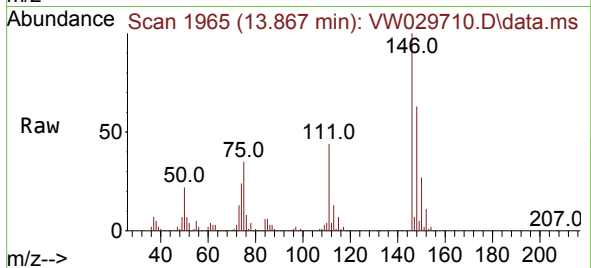
Tgt Ion:146 Resp: 161392

Ion Ratio Lower Upper

146 100

111 44.4 37.1 55.7

148 62.9 50.7 76.1



#68

1,2-Dibromo-3-chloropropane

Concen: 24.161 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW029710.D

Acq: 23 Jul 2024 17:06

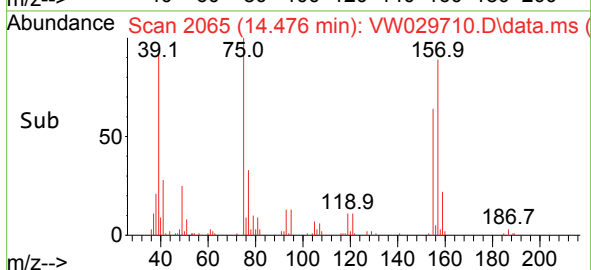
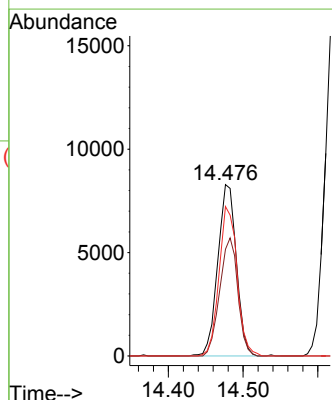
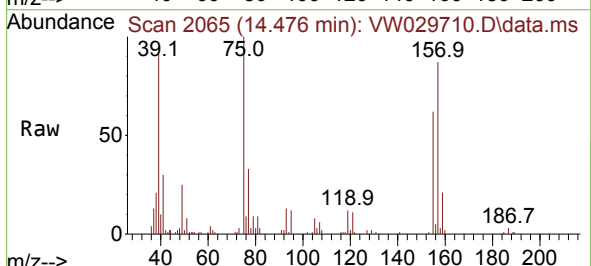
Tgt Ion: 75 Resp: 14345

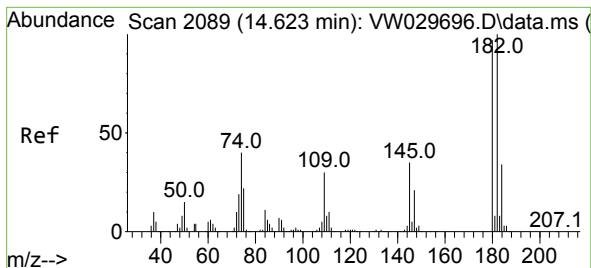
Ion Ratio Lower Upper

75 100

155 62.3 51.2 76.8

157 87.2 63.7 95.5





#69

1,3,5-Trichlorobenzene

Concen: 28.018 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

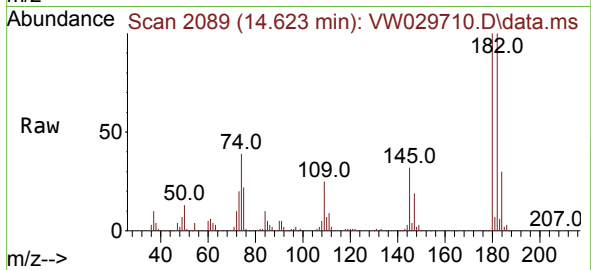
Lab File: VW029710.D

Acq: 23 Jul 2024 17:06

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 118295

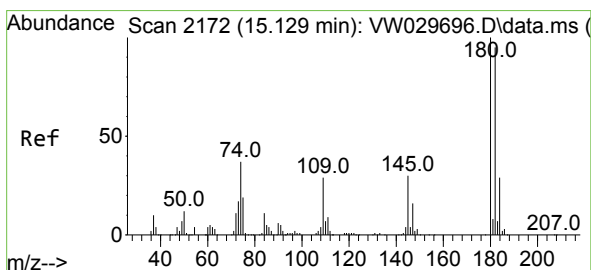
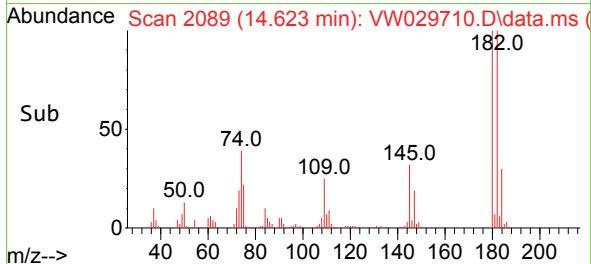
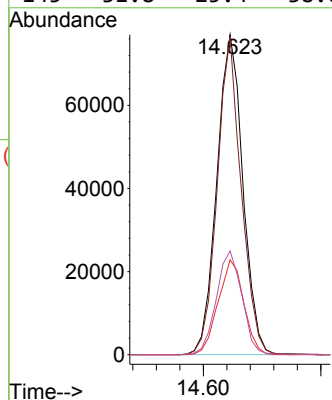
Ion Ratio Lower Upper

180 100

182 91.5 77.9 116.9

184 29.2 24.4 36.6

145 31.8 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 25.935 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW029710.D

Acq: 23 Jul 2024 17:06

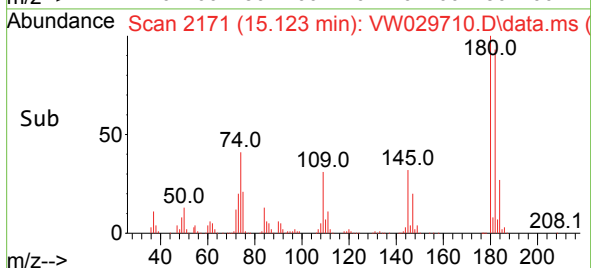
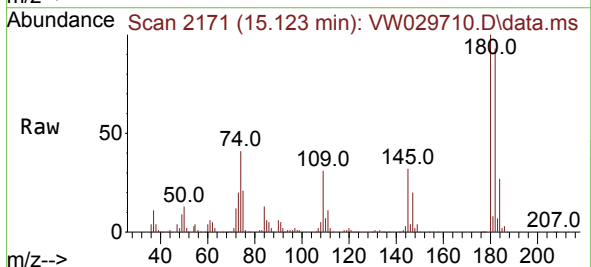
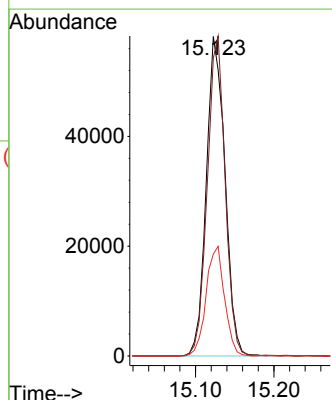
Tgt Ion:180 Resp: 96352

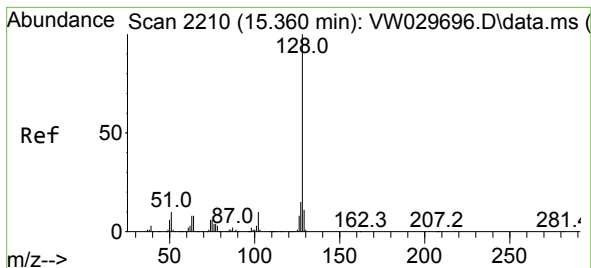
Ion Ratio Lower Upper

180 100

182 95.5 74.7 112.1

145 33.8 26.2 39.2





#71

Naphthalene

Concen: 25.633 ug/L

RT: 15.360 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW029710.D

Acq: 23 Jul 2024 17:06

Instrument :

MSVOA_W

ClientSampleId :

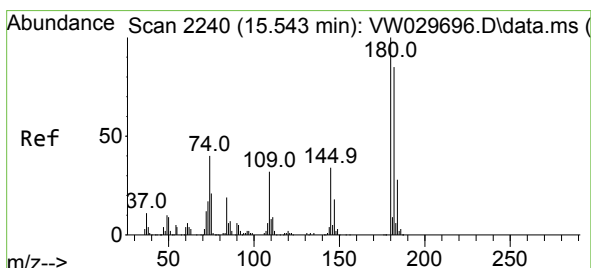
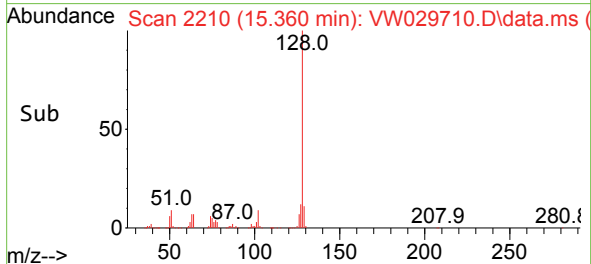
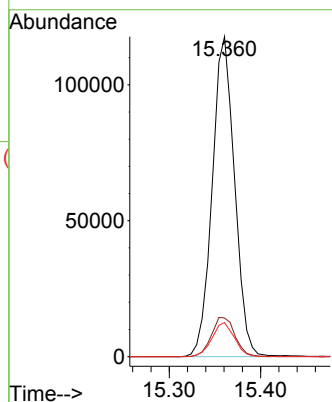
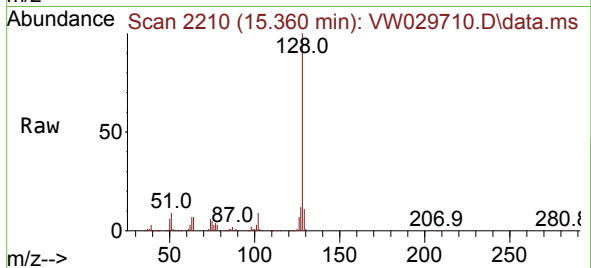
Tgt Ion:128 Resp: 199871

Ion Ratio Lower Upper

128 100

127 13.0 10.6 15.8

129 10.7 9.0 13.4



#72

1,2,3-Trichlorobenzene

Concen: 24.868 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW029710.D

Acq: 23 Jul 2024 17:06

Tgt Ion:180 Resp: 83936

Ion Ratio Lower Upper

180 100

182 94.1 73.4 110.0

145 34.1 26.9 40.3

