

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031424\
 Data File : VW028181.D
 Acq On : 14 Mar 2024 15:44
 Operator : SY/MD
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 15 01:55:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 15 01:46:51 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	211594	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	196297	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	101566	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	62230	25.136	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.560%
7) Chloroethane-d5	2.899	69	44533	25.746	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.000%
11) 1,1-Dichloroethene-d2	4.021	65	38838	24.738	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	98.960%
21) 2-Butanone-d5	7.081	46	39647	54.296	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.600%
24) Chloroform-d	7.648	84	165224	26.481	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.920%
26) 1,2-Dichloroethane-d4	8.307	65	91848	26.712	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.840%
32) Benzene-d6	8.276	84	316389	26.399	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.600%
36) 1,2-Dichloropropane-d6	9.276	67	91034	26.395	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.560%
41) Toluene-d8	10.319	98	295170	26.702	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.800%
43) trans-1,3-Dichloroprop...	10.575	79	41610	26.563	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	106.240%
47) 2-Hexanone-d5	10.922	63	31743	55.681	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.360%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	69616	27.325	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.320%
66) 1,2-Dichlorobenzene-d4	13.849	152	101133	27.334	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	65885	21.465	ug/L	97
3) Chloromethane	2.229	50	49182	22.591	ug/L	96
5) Vinyl chloride	2.375	62	57032	23.175	ug/L	99
6) Bromomethane	2.796	94	33672	22.975	ug/L	90
8) Chloroethane	2.936	64	30569	23.111	ug/L	98
9) Trichlorofluoromethane	3.271	101	71863	24.153	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	66523	22.506	ug/L	98
12) 1,1-Dichloroethene	4.045	96	62524	22.883	ug/L	97
13) Acetone	4.119	43	37172	45.849	ug/L	100
14) Carbon disulfide	4.393	76	193263	22.678	ug/L	100
15) Methyl Acetate	4.673	43	28247	22.619	ug/L	99
16) Methylene chloride	4.923	84	68145	21.160	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	65204	22.455	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	107114	24.449	ug/L	100
19) 1,1-Dichloroethane	6.222	63	129185	22.980	ug/L	96
20) cis-1,2-Dichloroethene	7.173	96	72064	22.979	ug/L	99
22) 2-Butanone	7.167	43	42024	45.653	ug/L	99
23) Bromochloromethane	7.520	128	32102	23.154	ug/L	93
25) Chloroform	7.679	83	135320	23.382	ug/L	98

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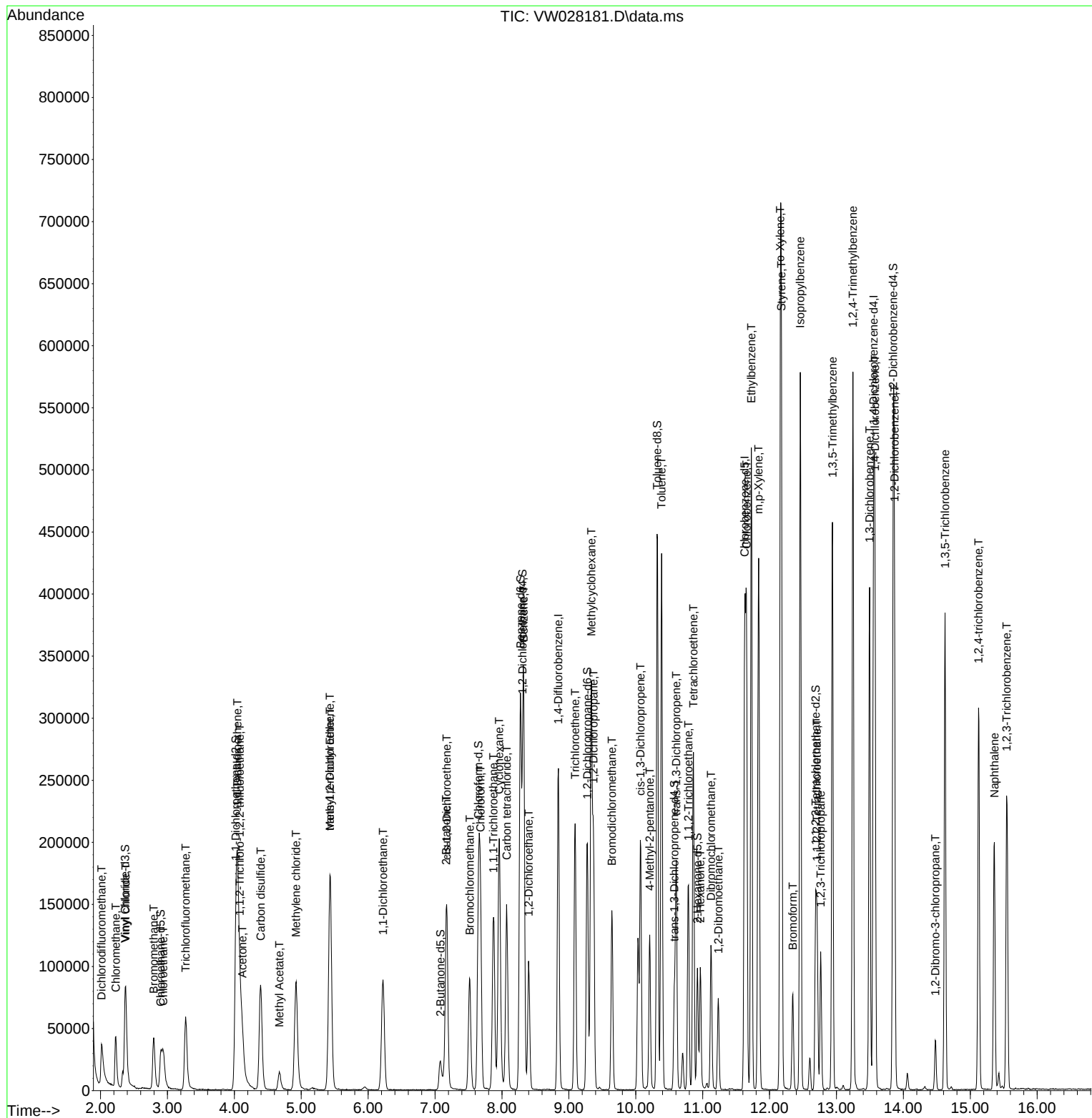
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	94107	23.026	ug/L	97
29) Cyclohexane	7.959	56	116705	22.794	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	117697	22.873	ug/L	100
31) Carbon tetrachloride	8.069	117	110294	22.851	ug/L	99
33) Benzene	8.325	78	277138	22.943	ug/L	100
34) Trichloroethene	9.093	95	75274	22.336	ug/L	96
35) Methylcyclohexane	9.337	83	128717	22.596	ug/L	99
37) 1,2-Dichloropropane	9.368	63	71184	23.040	ug/L	99
38) Bromodichloromethane	9.642	83	95182	22.850	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	115791	23.402	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	80386	47.136	ug/L	99
42) Toluene	10.386	91	300819	22.819	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	99889	23.911	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	50986	22.840	ug/L	97
46) Tetrachloroethene	10.861	164	59397	21.865	ug/L	98
48) 2-Hexanone	10.965	43	60724	45.455	ug/L	99
49) Dibromochloromethane	11.123	129	61402	23.226	ug/L	100
50) 1,2-Dibromoethane	11.233	107	49219	23.059	ug/L	100
51) Chlorobenzene	11.654	112	189450	22.641	ug/L	98
52) Ethylbenzene	11.727	91	348322	22.634	ug/L	100
53) m,p-Xylene	11.837	106	129898	22.430	ug/L	93
54) o-Xylene	12.160	106	124429	23.169	ug/L	95
55) Styrene	12.178	104	218142	23.648	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	59518	23.310	ug/L	92
59) Bromoform	12.349	173	36096	23.717	ug/L	98
60) Isopropylbenzene	12.459	105	357621	23.699	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	44052	22.726	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	247420	24.436	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	297329	24.319	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	153232	22.761	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	157507	23.397	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	141915	24.479	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	10248	22.506	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	113179	24.135	ug/L	97
70) 1,2,4-trichlorobenzene	15.123	180	97221	24.404	ug/L	98
71) Naphthalene	15.360	128	170268	24.901	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	79184	24.111	ug/L	100

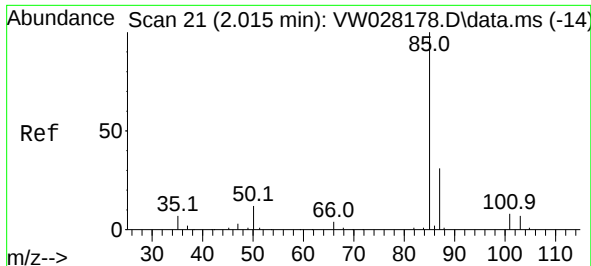
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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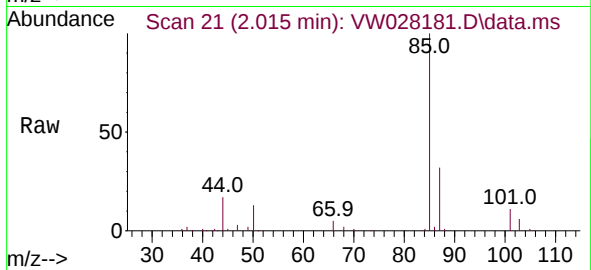
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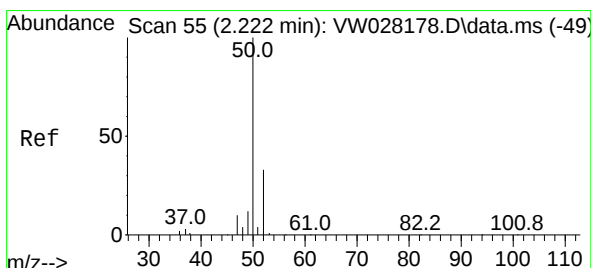
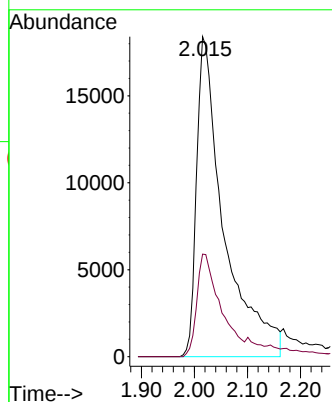
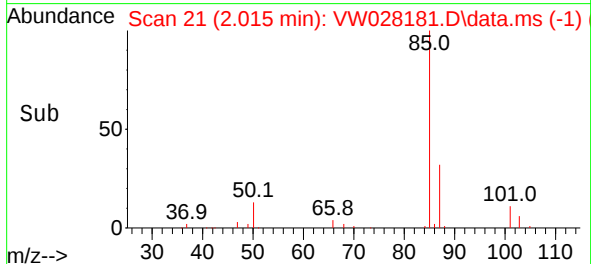


#2
 Dichlorodifluoromethane
 Concen: 21.465 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW028181.D
 Acq: 14 Mar 2024 15:44

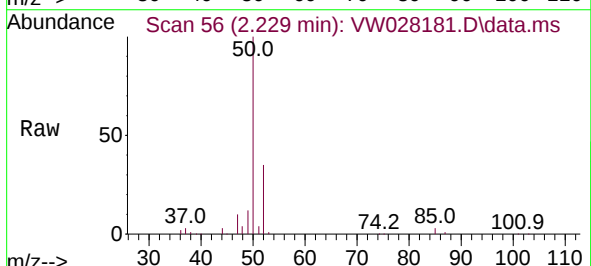
Instrument :
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 ClientSampleId :



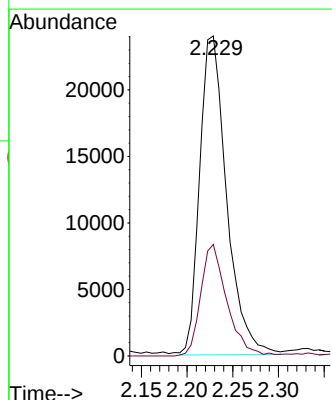
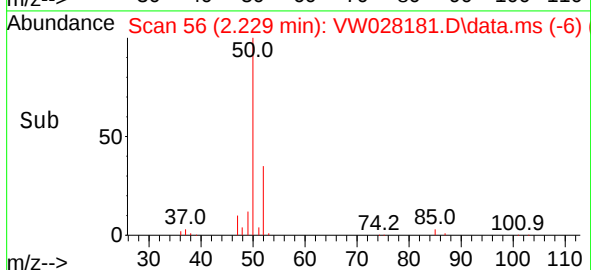
Tgt Ion: 85 Resp: 65885
 Ion Ratio Lower Upper
 85 100
 87 27.9 20.9 31.3

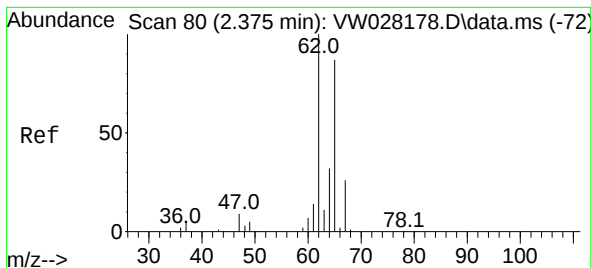


#3
 Chloromethane
 Concen: 22.591 ug/L
 RT: 2.229 min Scan# 56
 Delta R.T. 0.006 min
 Lab File: VW028181.D
 Acq: 14 Mar 2024 15:44



Tgt Ion: 50 Resp: 49182
 Ion Ratio Lower Upper
 50 100
 52 34.9 22.7 42.1





#5

Vinyl chloride

Concen: 23.175 ug/L

RT: 2.375 min Scan# 80

Delta R.T. 0.000 min

Lab File: VW028181.D

Acq: 14 Mar 2024 15:44

Instrument :

MSVOA_W

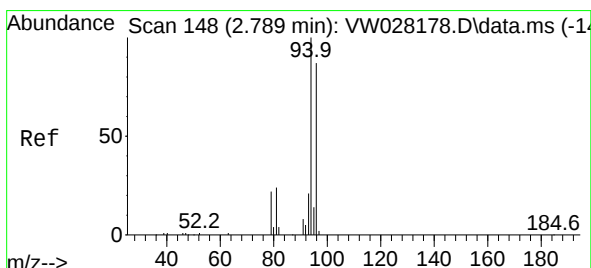
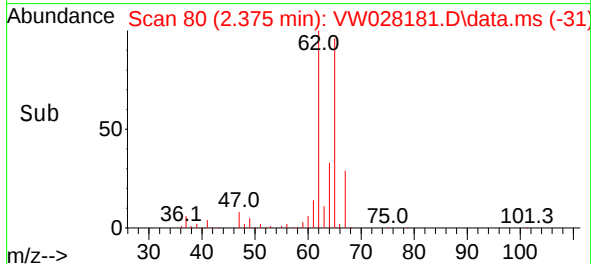
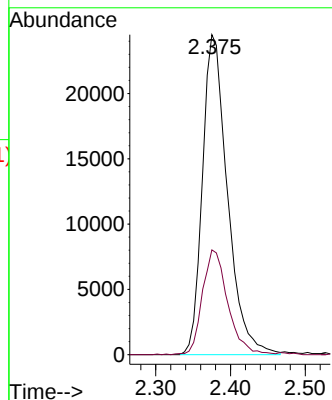
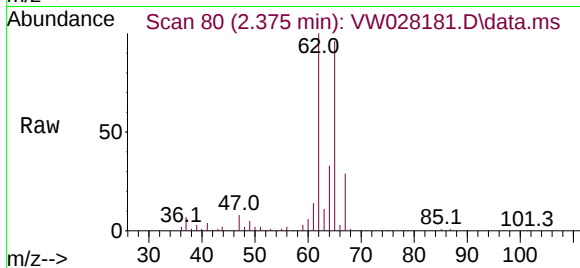
ClientSampleId :

Tgt Ion: 62 Resp: 57032

Ion Ratio Lower Upper

62 100

64 32.7 22.5 41.7



#6

Bromomethane

Concen: 22.975 ug/L

RT: 2.796 min Scan# 149

Delta R.T. 0.006 min

Lab File: VW028181.D

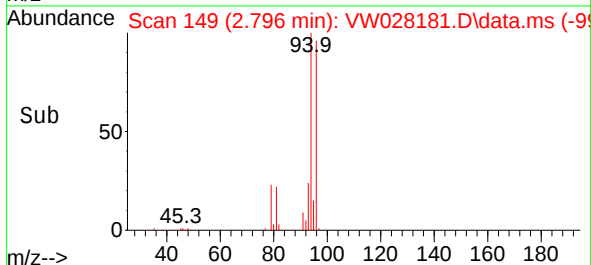
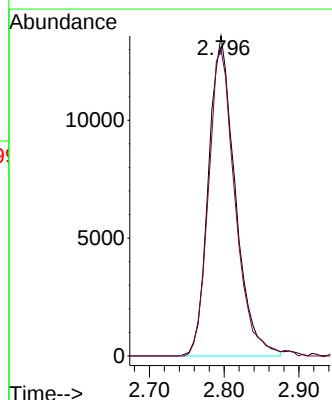
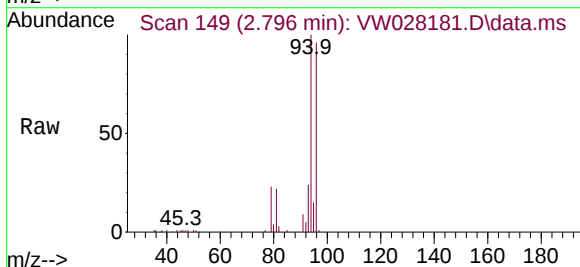
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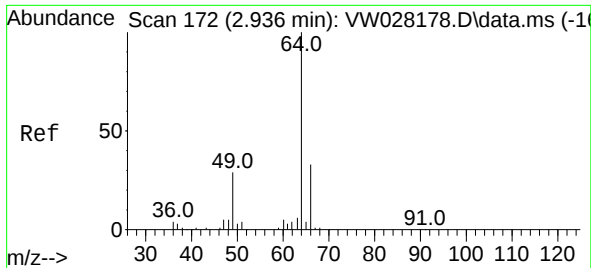
Tgt Ion: 94 Resp: 33672

Ion Ratio Lower Upper

94 100

96 95.8 60.8 113.0

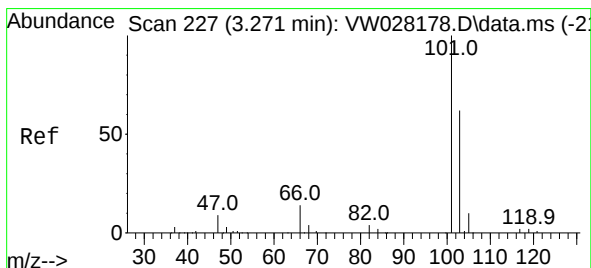
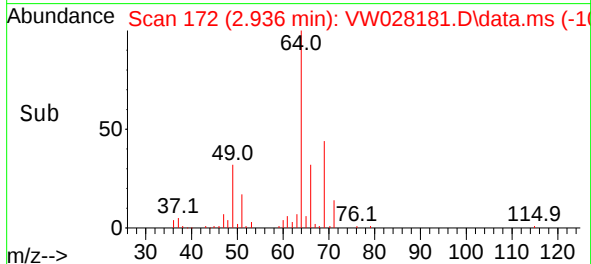
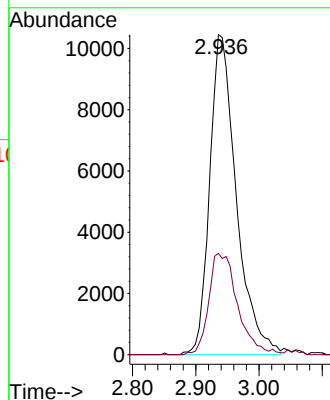
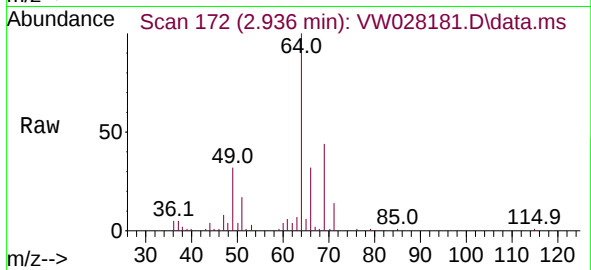




#8
Chloroethane
Concen: 23.111 ug/L
RT: 2.936 min Scan# 172
Delta R.T. 0.000 min
Lab File: VW028181.D
Acq: 14 Mar 2024 15:44

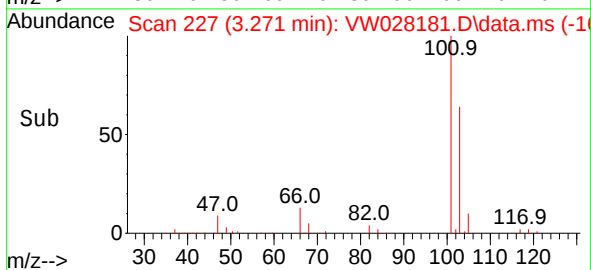
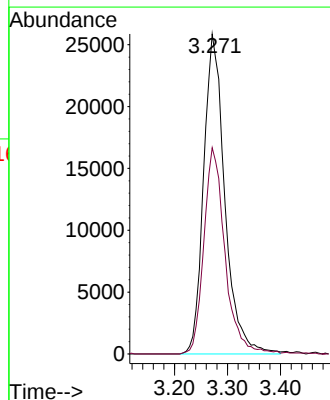
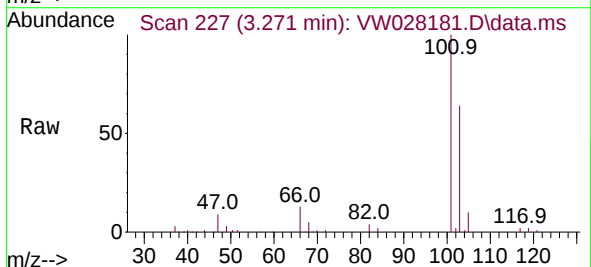
Instrument :
MSVOA_W
ClientSampleId :

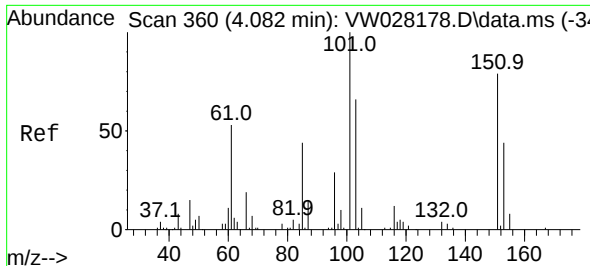
Tgt Ion: 64 Resp: 30569
Ion Ratio Lower Upper
64 100
66 31.6 22.9 42.5



#9
Trichlorofluoromethane
Concen: 24.153 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.000 min
Lab File: VW028181.D
Acq: 14 Mar 2024 15:44

Tgt Ion:101 Resp: 71863
Ion Ratio Lower Upper
101 100
103 63.4 50.9 76.3





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 22.506 ug/L

RT: 4.082 min Scan# 3

Delta R.T. 0.000 min

Lab File: VW028181.D

Acq: 14 Mar 2024 15:44

Instrument :

MSVOA_W

ClientSampleId :

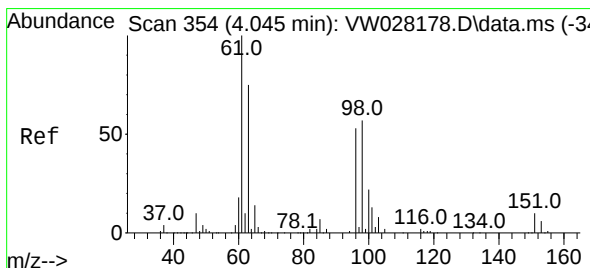
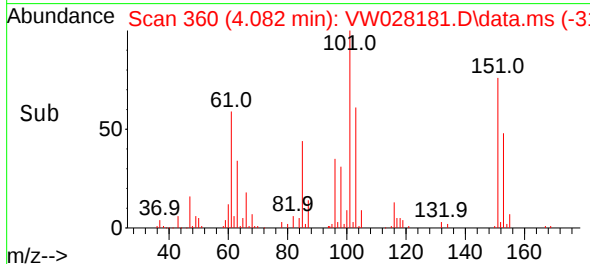
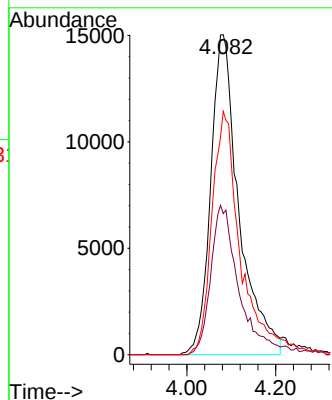
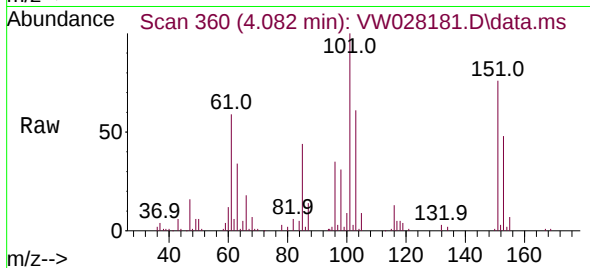
Tgt Ion:101 Resp: 66523

Ion Ratio Lower Upper

101 100

85 45.9 36.4 54.6

151 75.6 58.4 87.6



#12

1,1-Dichloroethene

Concen: 22.883 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.000 min

Lab File: VW028181.D

Acq: 14 Mar 2024 15:44

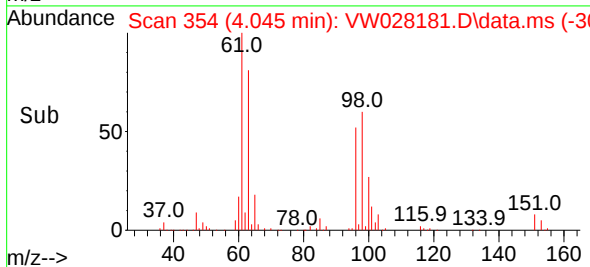
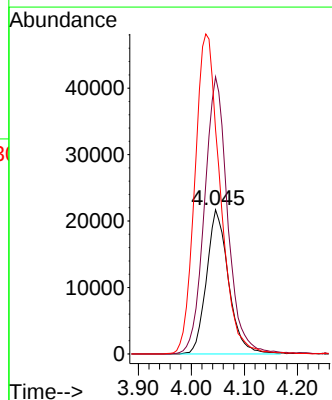
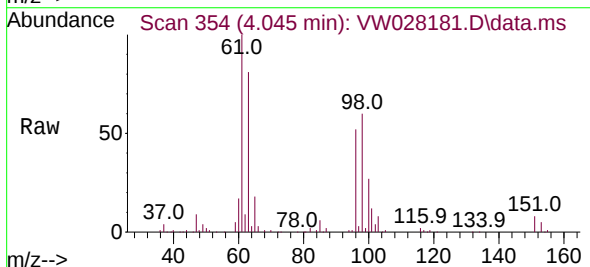
Tgt Ion: 96 Resp: 62524

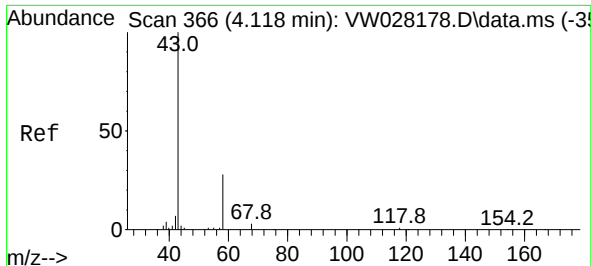
Ion Ratio Lower Upper

96 100

61 192.3 132.2 245.4

63 155.6 104.6 194.2

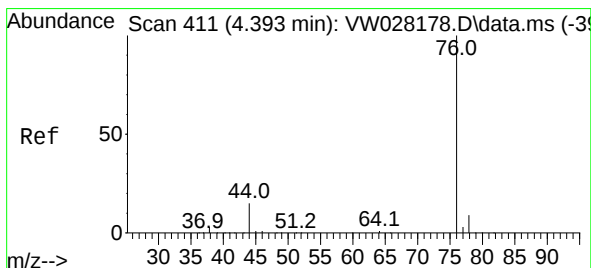
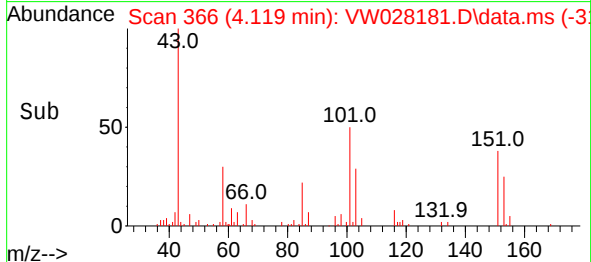
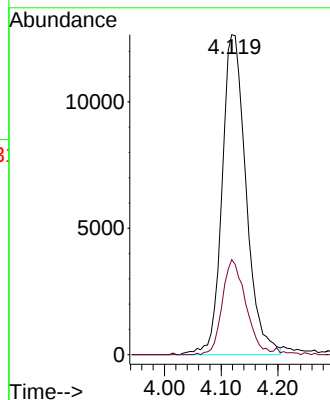
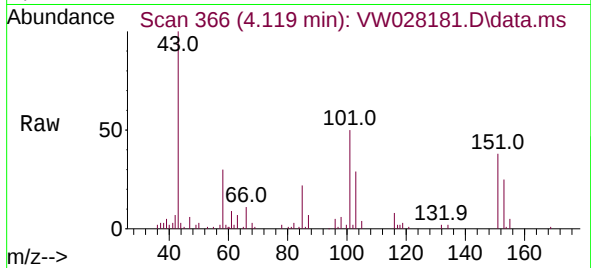




#13
Acetone
Concen: 45.849 ug/L
RT: 4.119 min Scan# 366
Delta R.T. 0.000 min
Lab File: VW028181.D
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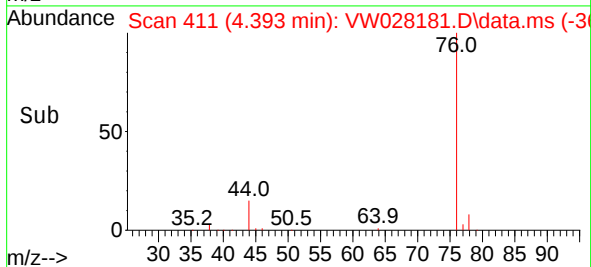
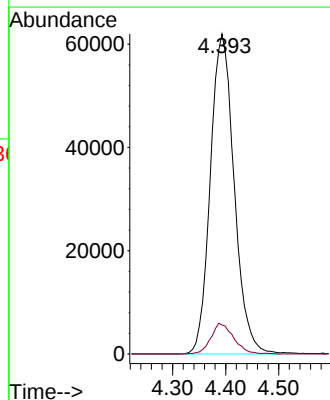
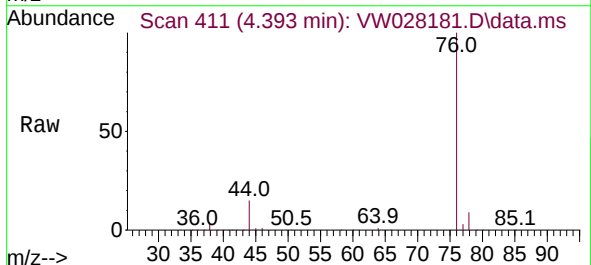
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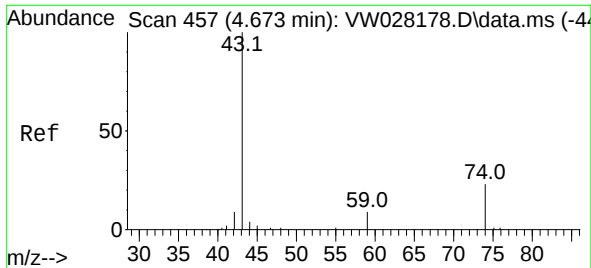
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Ion Ratio Lower Upper
43 100
58 28.9 0.0 57.8



#14
Carbon disulfide
Concen: 22.678 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 193263
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7

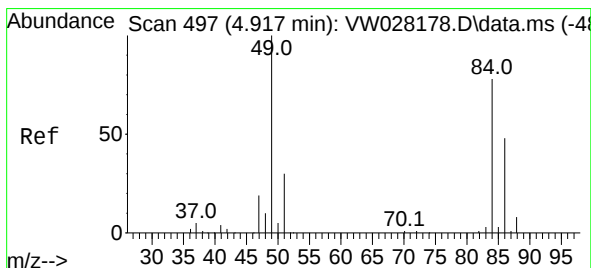
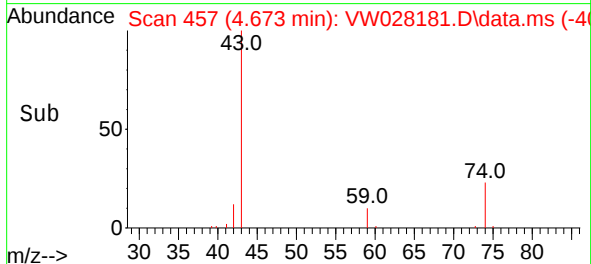
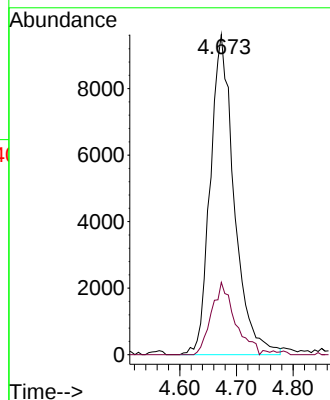
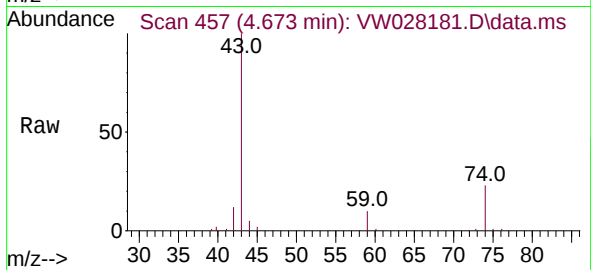




#15
Methyl Acetate
Concen: 22.619 ug/L
RT: 4.673 min Scan# 457
Delta R.T. 0.000 min
Lab File: VW028181.D
Acq: 14 Mar 2024 15:44

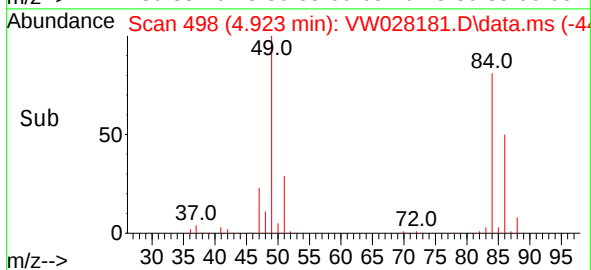
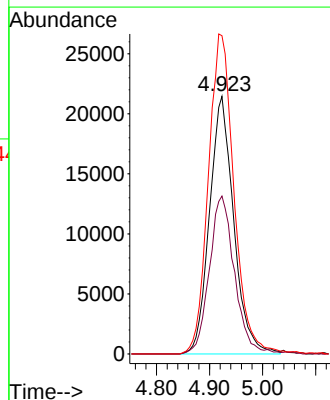
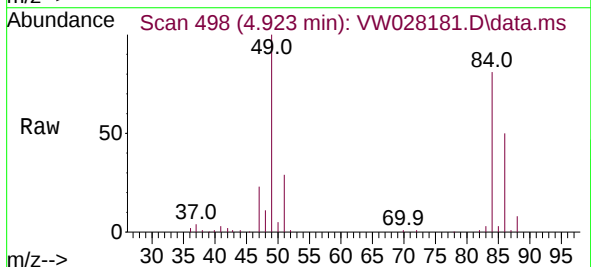
Instrument :
MSVOA_W
ClientSampleId :

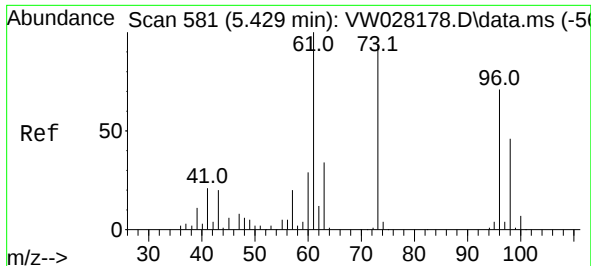
Tgt Ion: 43 Resp: 28247
Ion Ratio Lower Upper
43 100
74 22.2 18.2 27.2



#16
Methylene chloride
Concen: 21.160 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW028181.D
Acq: 14 Mar 2024 15:44

Tgt Ion: 84 Resp: 68145
Ion Ratio Lower Upper
84 100
86 61.3 43.1 80.1
49 123.5 89.4 166.0





#17

trans-1,2-Dichloroethene

Concen: 22.455 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW028181.D

Acq: 14 Mar 2024 15:44

Instrument :

MSVOA_W

ClientSampleId :

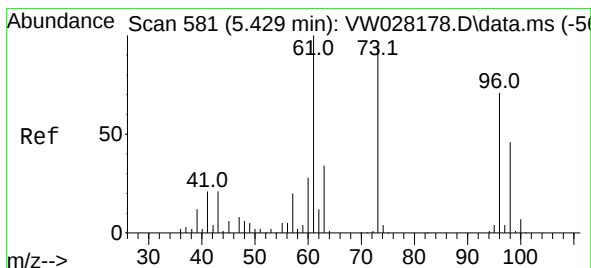
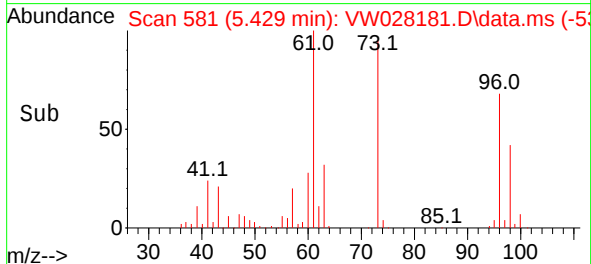
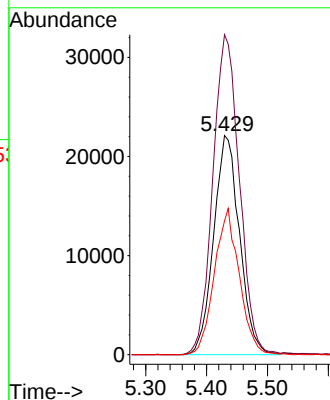
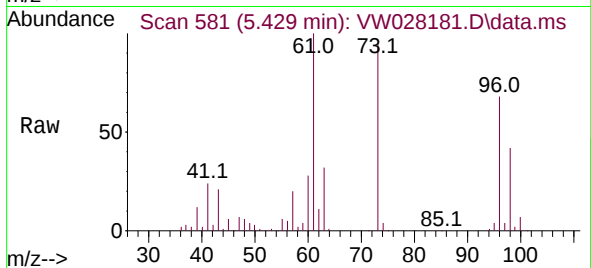
Tgt Ion: 96 Resp: 65204

Ion Ratio Lower Upper

96 100

61 146.0 98.4 182.8

98 61.0 45.6 84.8



#18

Methyl tert-butyl Ether

Concen: 24.449 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW028181.D

Acq: 14 Mar 2024 15:44

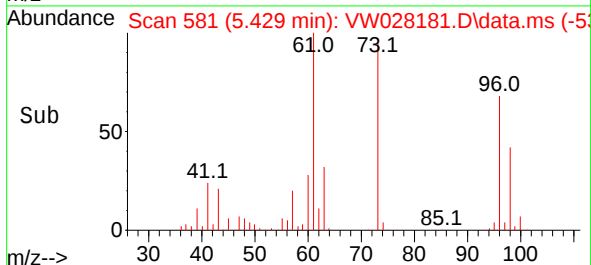
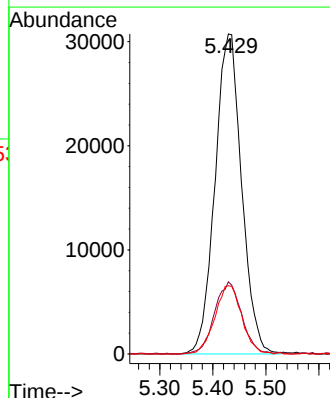
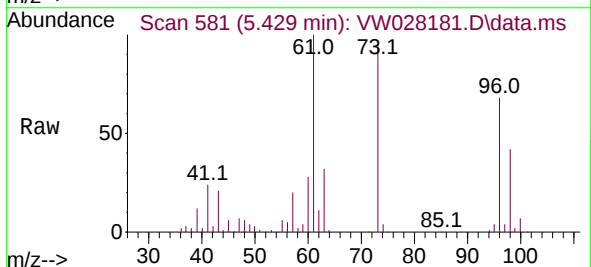
Tgt Ion: 73 Resp: 107114

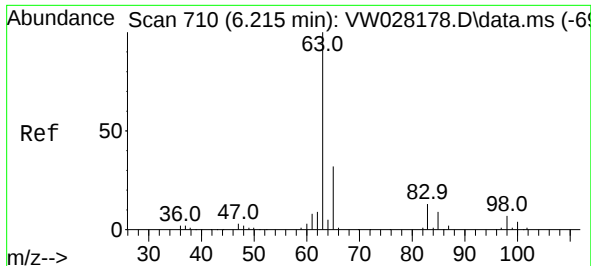
Ion Ratio Lower Upper

73 100

43 22.9 18.2 27.4

57 21.6 17.4 26.2





#19

1,1-Dichloroethane

Concen: 22.980 ug/L

RT: 6.222 min Scan# 710

Delta R.T. 0.006 min

Lab File: VW028181.D

Acq: 14 Mar 2024 15:44

Instrument :

MSVOA_W

ClientSampleId :

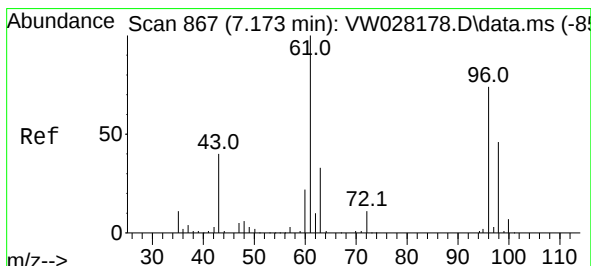
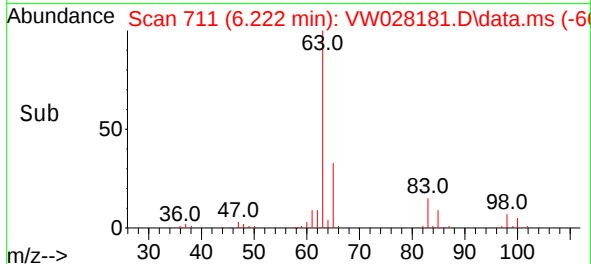
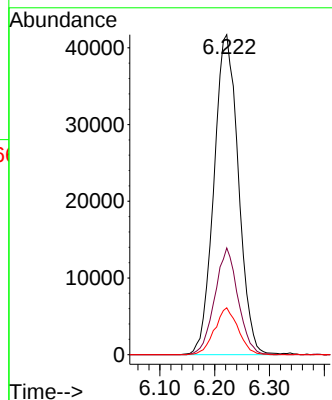
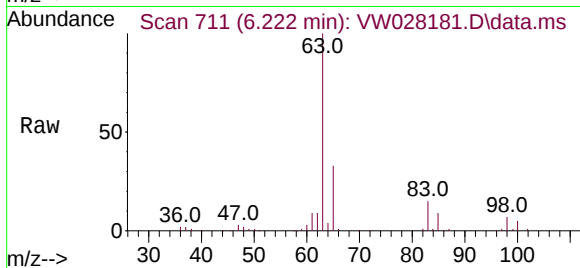
Tgt Ion: 63 Resp: 129185

Ion Ratio Lower Upper

63 100

65 33.4 22.1 41.1

83 14.6 9.0 16.6



#20

cis-1,2-Dichloroethene

Concen: 22.979 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW028181.D

Acq: 14 Mar 2024 15:44

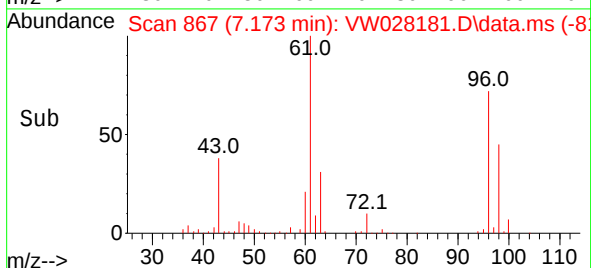
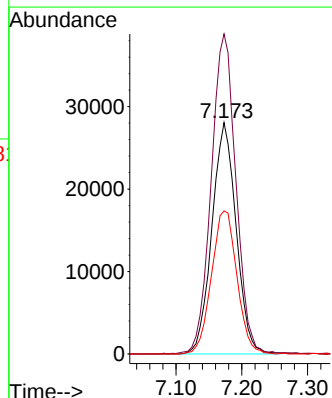
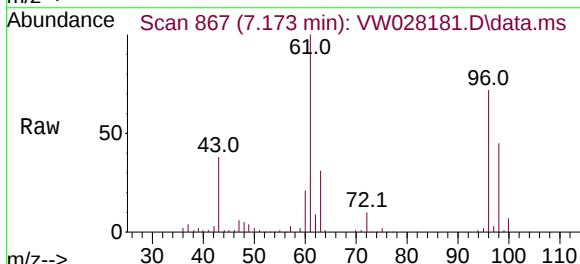
Tgt Ion: 96 Resp: 72064

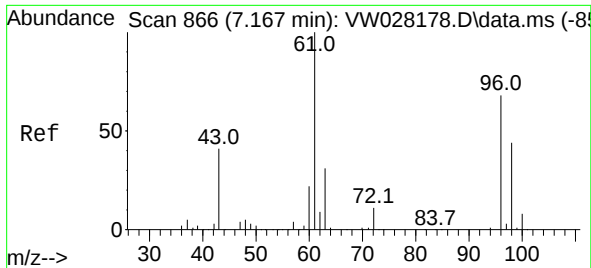
Ion Ratio Lower Upper

96 100

61 138.3 95.7 177.7

98 61.8 43.9 81.5





#22

2-Butanone

Concen: 45.653 ug/L

RT: 7.167 min Scan# 866

Delta R.T. 0.000 min

Lab File: VW028181.D

Acq: 14 Mar 2024 15:44

Instrument :

MSVOA_W

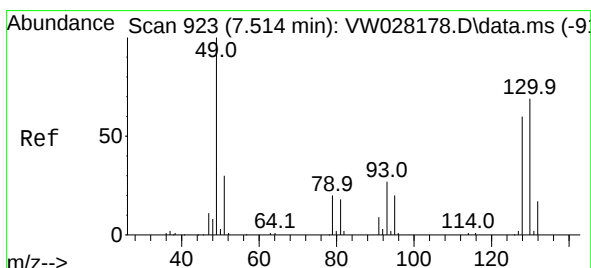
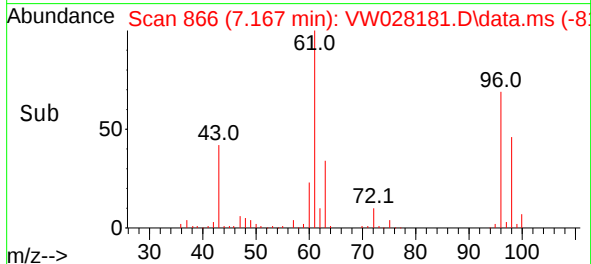
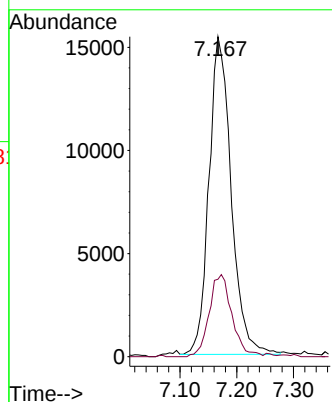
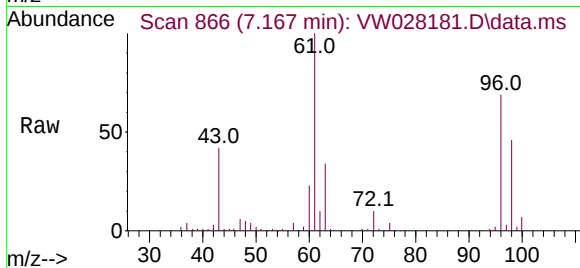
ClientSampleId :

Tgt Ion: 43 Resp: 42024

Ion Ratio Lower Upper

43 100

72 26.3 12.8 38.4



#23

Bromochloromethane

Concen: 23.154 ug/L

RT: 7.520 min Scan# 924

Delta R.T. 0.006 min

Lab File: VW028181.D

Acq: 14 Mar 2024 15:44

Tgt Ion: 128 Resp: 32102

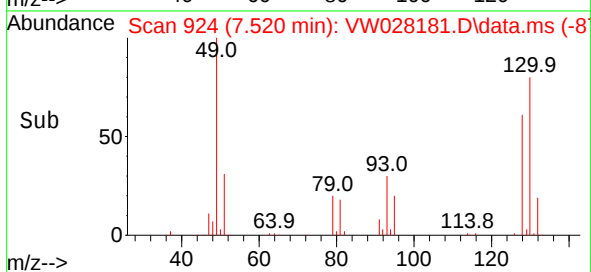
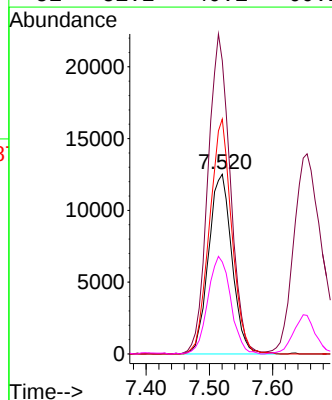
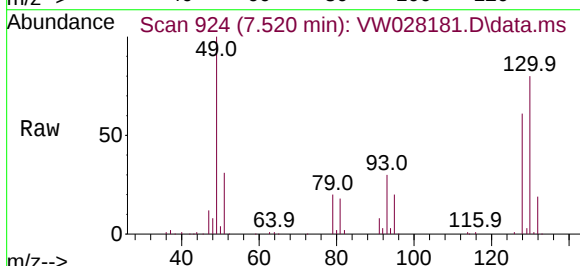
Ion Ratio Lower Upper

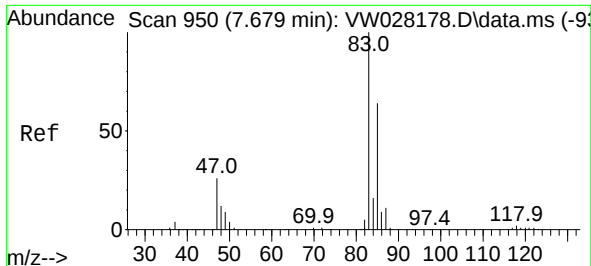
128 100

49 163.2 116.6 216.6

130 130.7 80.1 148.7

51 51.2 40.1 60.1





#25

Chloroform

Concen: 23.382 ug/L

RT: 7.679 min Scan# 950

Delta R.T. 0.000 min

Lab File: VW028181.D

Acq: 14 Mar 2024 15:44

Instrument :

MSVOA_W

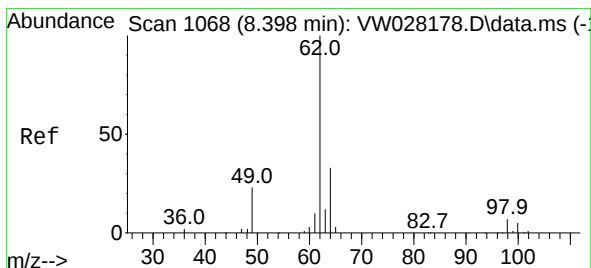
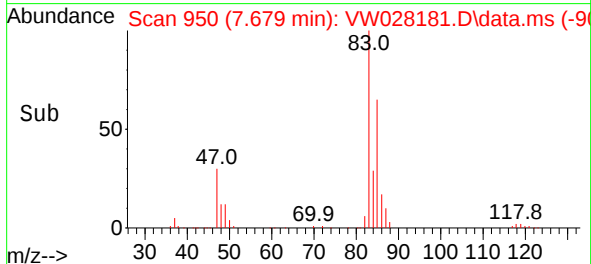
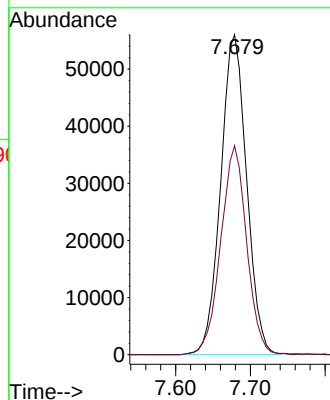
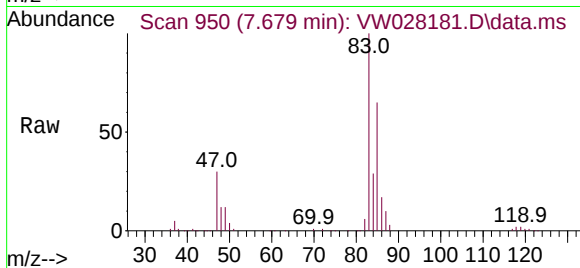
ClientSampleId :

Tgt Ion: 83 Resp: 135320

Ion Ratio Lower Upper

83 100

85 65.3 44.5 82.7



#27

1,2-Dichloroethane

Concen: 23.026 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW028181.D

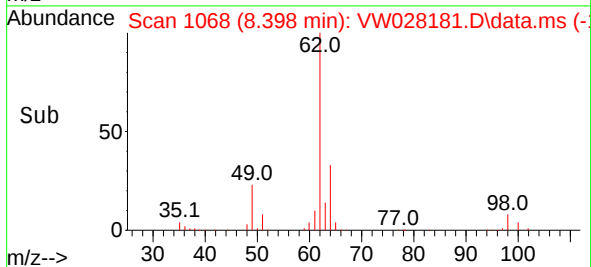
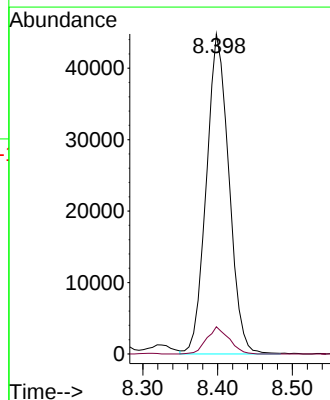
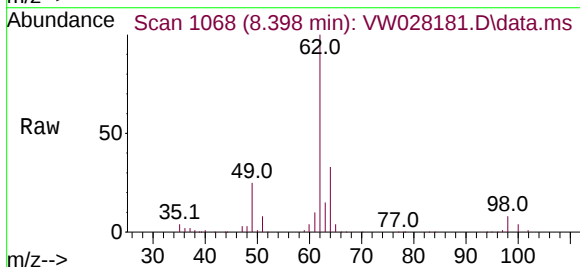
Acq: 14 Mar 2024 15:44

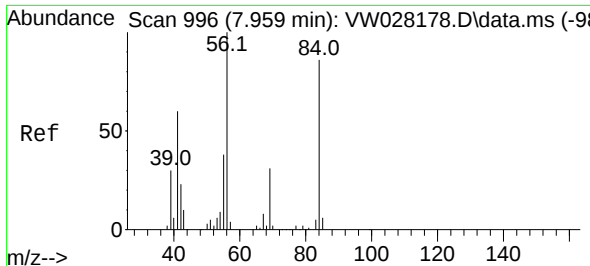
Tgt Ion: 62 Resp: 94107

Ion Ratio Lower Upper

62 100

98 8.5 5.9 8.9





#29

Cyclohexane

Concen: 22.794 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW028181.D

Acq: 14 Mar 2024 15:44

Instrument :

MSVOA_W

ClientSampleId :

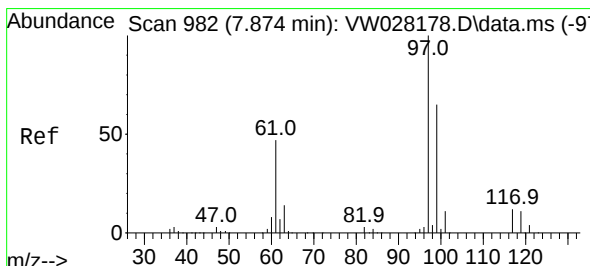
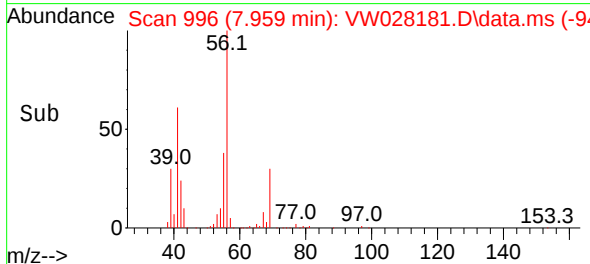
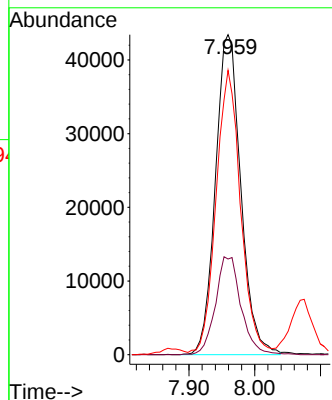
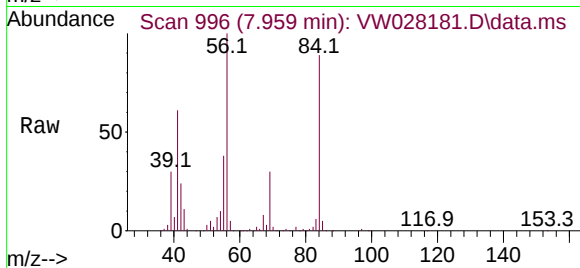
Tgt Ion: 56 Resp: 116705

Ion Ratio Lower Upper

56 100

69 30.8 24.0 36.0

84 86.1 68.4 102.6



#30

1,1,1-Trichloroethane

Concen: 22.873 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW028181.D

Acq: 14 Mar 2024 15:44

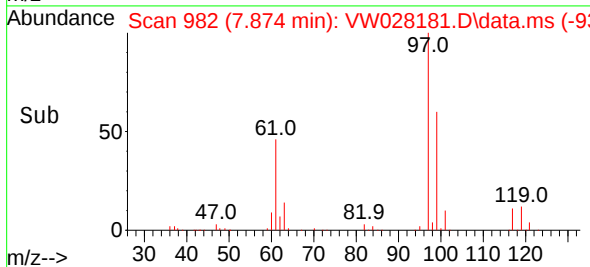
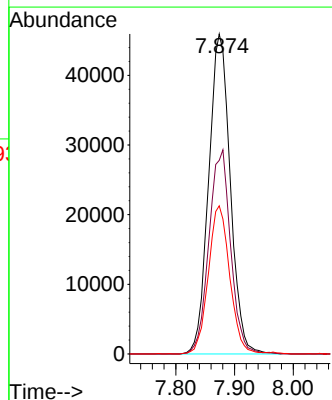
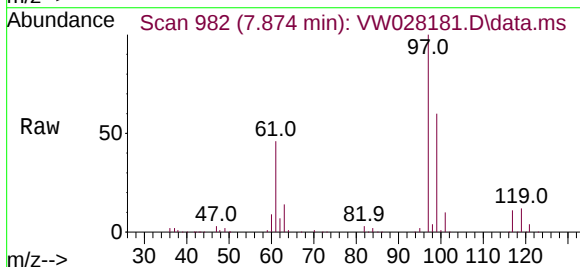
Tgt Ion: 97 Resp: 117697

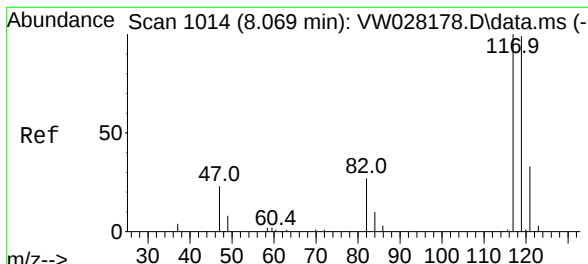
Ion Ratio Lower Upper

97 100

99 64.0 51.3 76.9

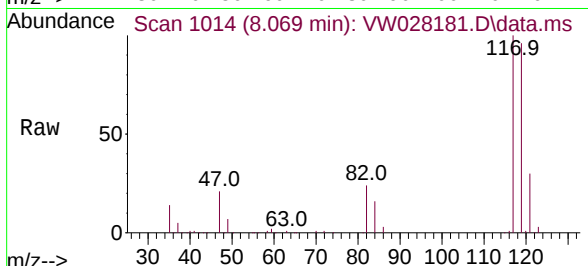
61 45.8 37.0 55.6



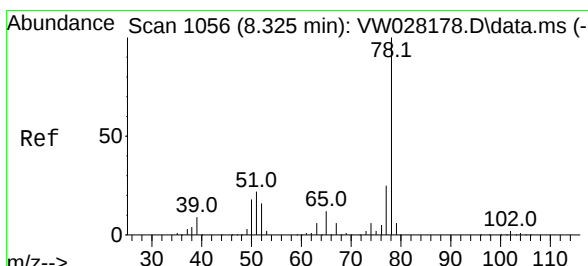
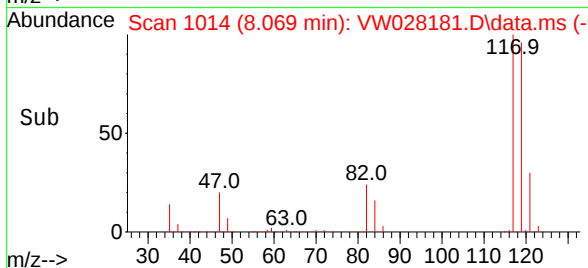
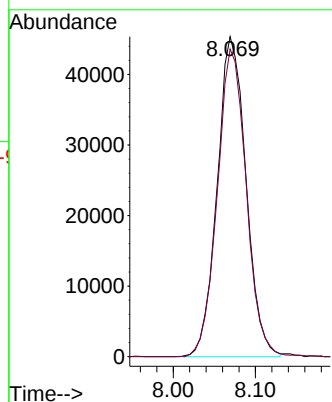


#31
Carbon tetrachloride
Concen: 22.851 ug/L
RT: 8.069 min Scan# 110
Delta R.T. 0.000 min
Lab File: VW028181.D
Acq: 14 Mar 2024 15:44

Instrument :
MSVOA_W
ClientSampleId :

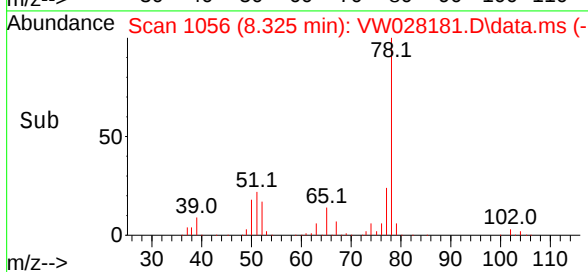
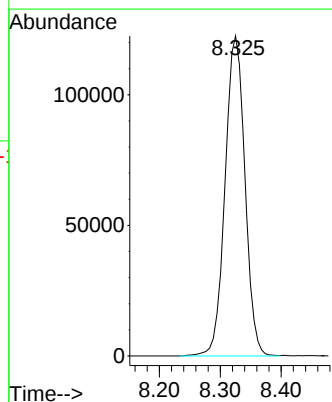
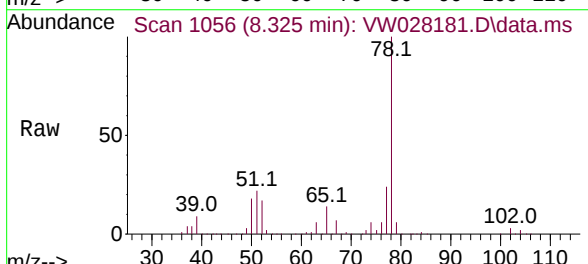


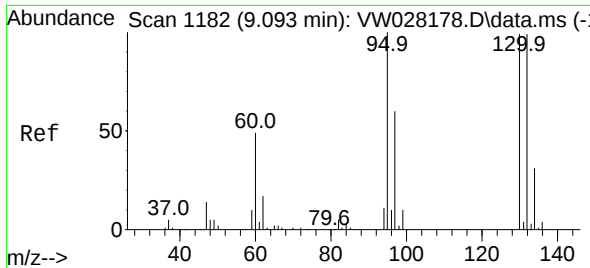
Tgt Ion:117 Resp: 110294
Ion Ratio Lower Upper
117 100
119 96.3 78.2 117.4



#33
Benzene
Concen: 22.943 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW028181.D
Acq: 14 Mar 2024 15:44

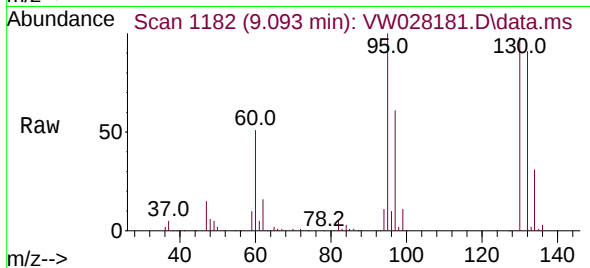
Tgt Ion: 78 Resp: 277138





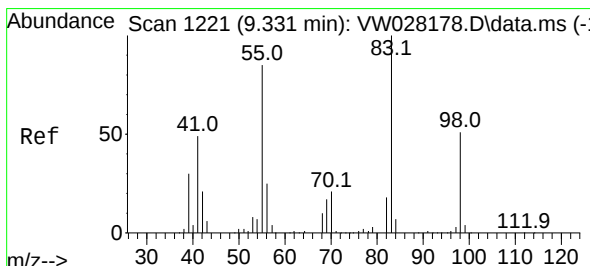
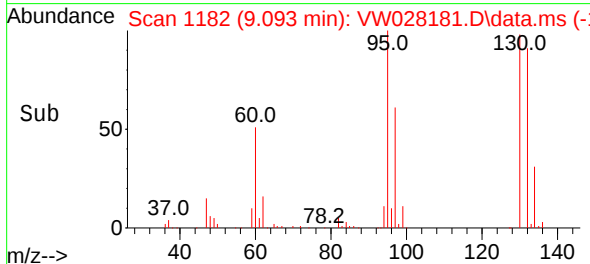
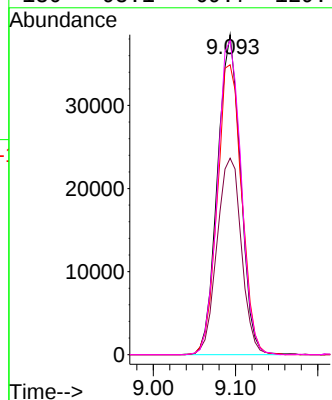
#34
 Trichloroethene
 Concen: 22.336 ug/L
 RT: 9.093 min Scan# 1182
 Delta R.T. 0.000 min
 Lab File: VW028181.D
 Acq: 14 Mar 2024 15:44

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 95 Resp: 75274

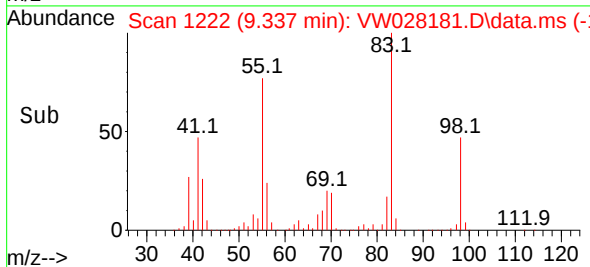
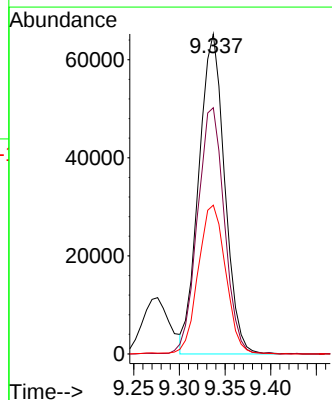
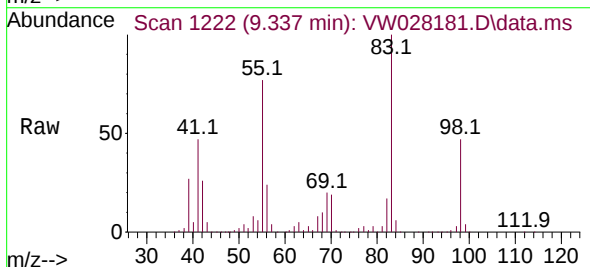
Ion	Ratio	Lower	Upper
95	100		
97	61.4	42.4	78.6
132	90.6	69.4	128.8
130	98.1	69.7	129.4

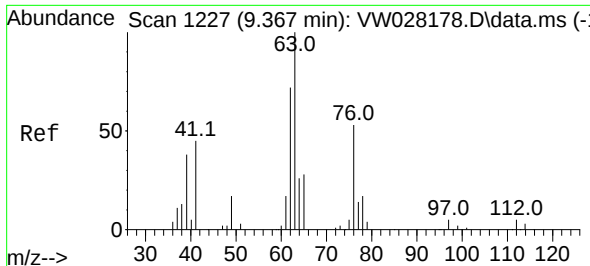


#35
 Methylcyclohexane
 Concen: 22.596 ug/L
 RT: 9.337 min Scan# 1222
 Delta R.T. 0.006 min
 Lab File: VW028181.D
 Acq: 14 Mar 2024 15:44

Tgt Ion: 83 Resp: 128717

Ion	Ratio	Lower	Upper
83	100		
55	79.3	64.2	96.4
98	49.1	38.3	57.5





#37

1,2-Dichloropropane

Concen: 23.040 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW028181.D

Acq: 14 Mar 2024 15:44

Instrument :

MSVOA_W

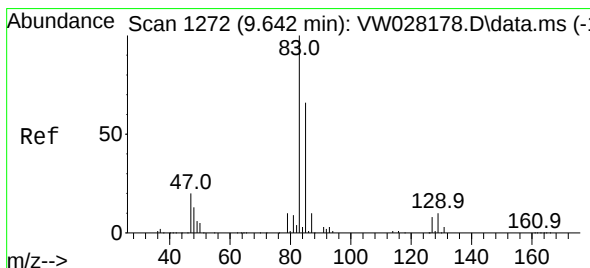
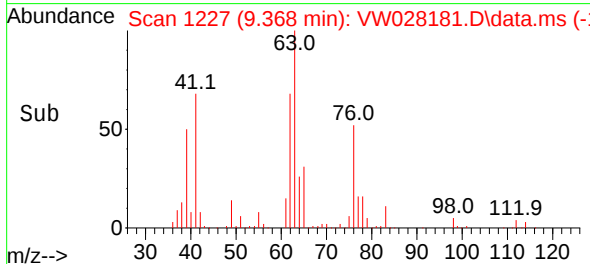
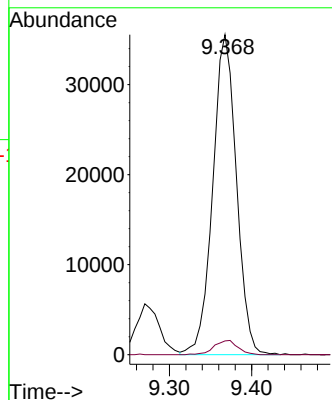
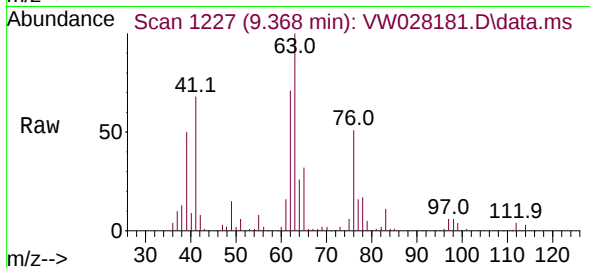
ClientSampleId :

Tgt Ion: 63 Resp: 71184

Ion Ratio Lower Upper

63 100

112 4.5 3.8 5.8



#38

Bromodichloromethane

Concen: 22.850 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW028181.D

Acq: 14 Mar 2024 15:44

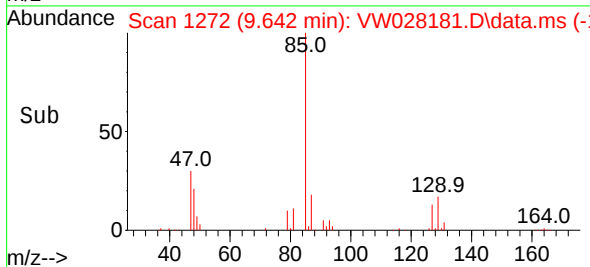
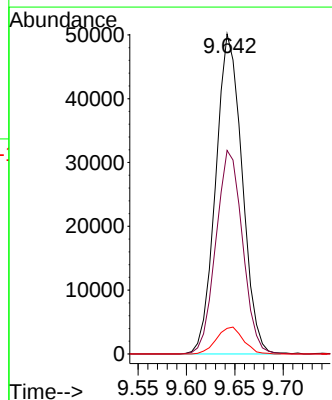
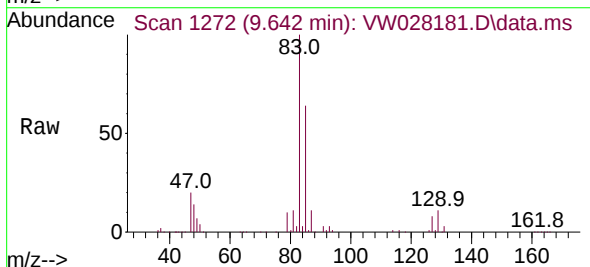
Tgt Ion: 83 Resp: 95182

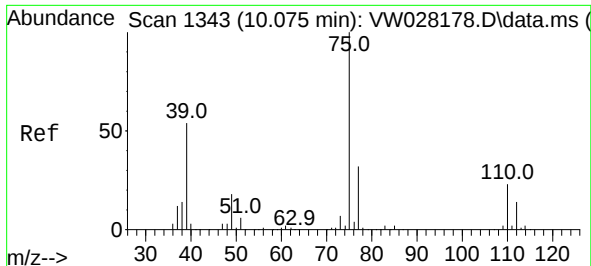
Ion Ratio Lower Upper

83 100

85 63.6 45.8 85.2

127 8.0 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 23.402 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.006 min

Lab File: VW028181.D

Acq: 14 Mar 2024 15:44

Instrument :

MSVOA_W

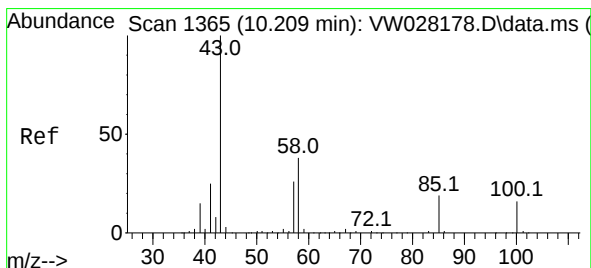
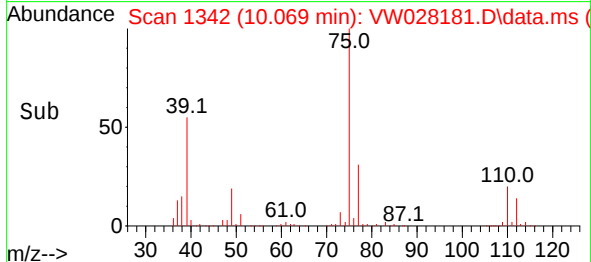
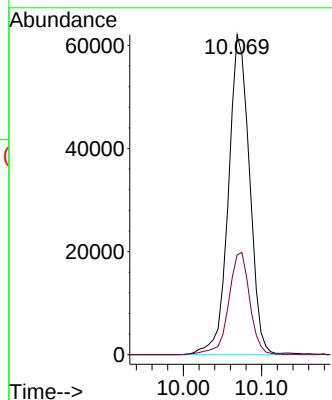
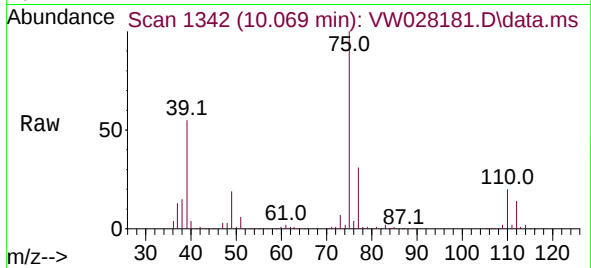
ClientSampleId :

Tgt Ion: 75 Resp: 115791

Ion Ratio Lower Upper

75 100

77 31.2 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 47.136 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW028181.D

Acq: 14 Mar 2024 15:44

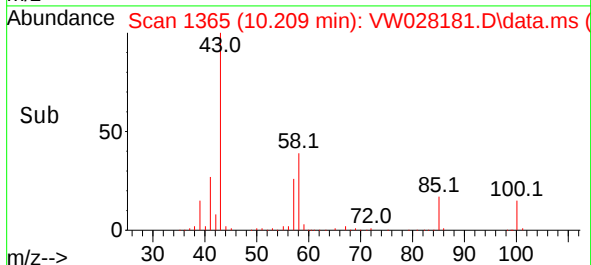
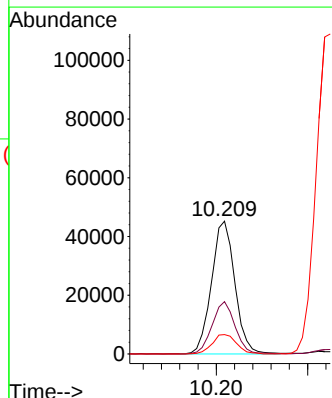
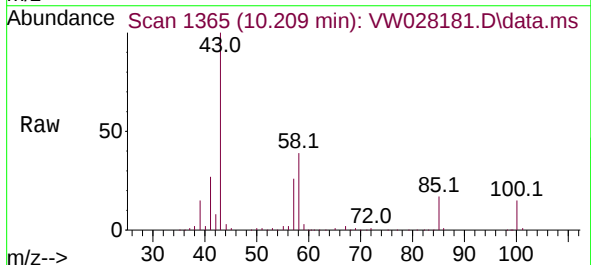
Tgt Ion: 43 Resp: 80386

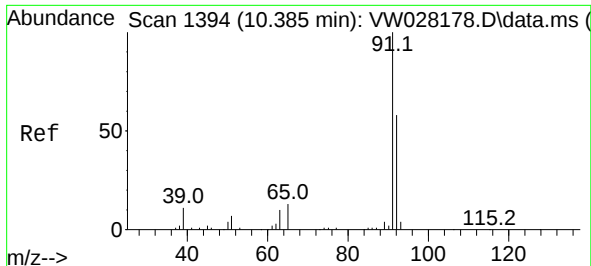
Ion Ratio Lower Upper

43 100

58 38.6 30.1 45.1

100 15.2 11.8 17.8





#42

Toluene

Concen: 22.819 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW028181.D

Acq: 14 Mar 2024 15:44

Instrument :

MSVOA_W

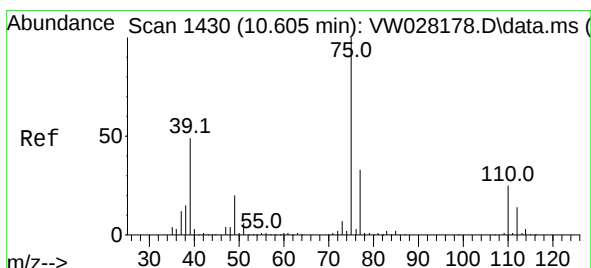
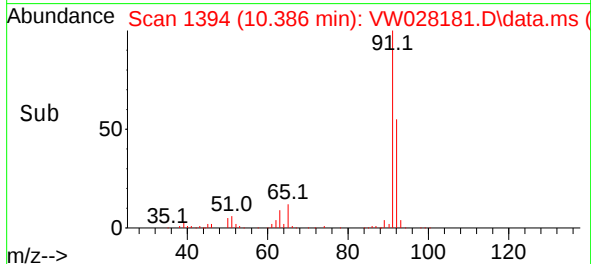
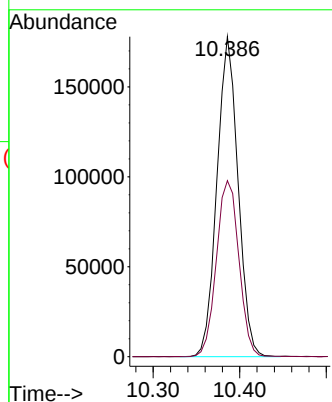
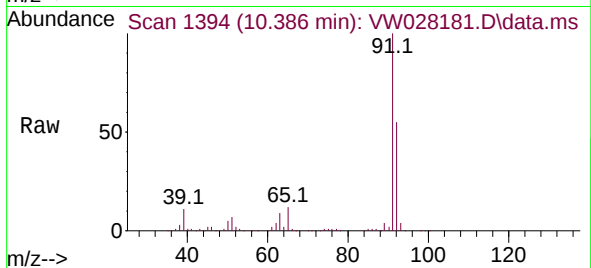
ClientSampleId :

Tgt Ion: 91 Resp: 300819

Ion Ratio Lower Upper

91 100

92 55.0 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 23.911 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW028181.D

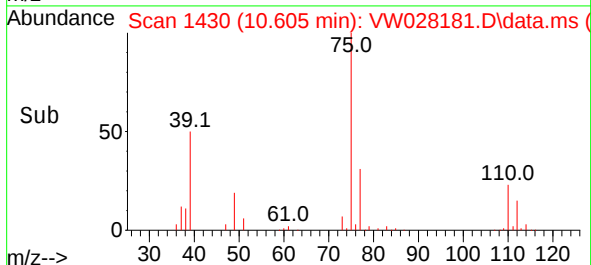
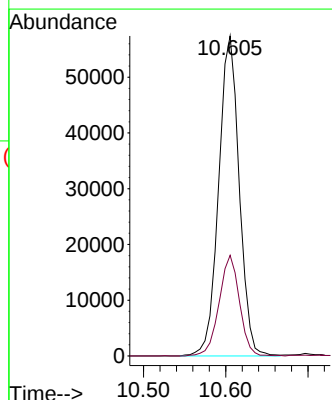
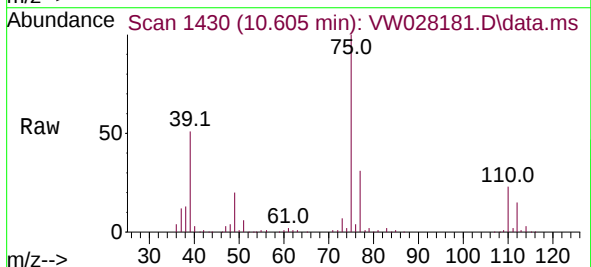
Acq: 14 Mar 2024 15:44

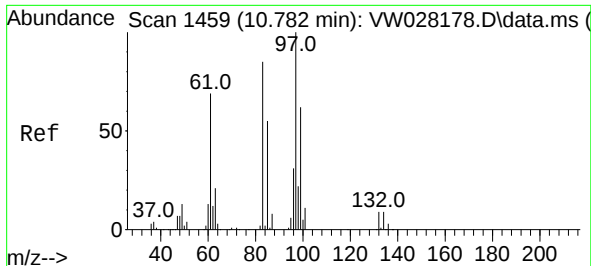
Tgt Ion: 75 Resp: 99889

Ion Ratio Lower Upper

75 100

77 31.4 23.0 42.6





#45

1,1,2-Trichloroethane

Concen: 22.840 ug/L

RT: 10.788 min Scan# 1459

Delta R.T. 0.006 min

Lab File: VW028181.D

Acq: 14 Mar 2024 15:44

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 50986

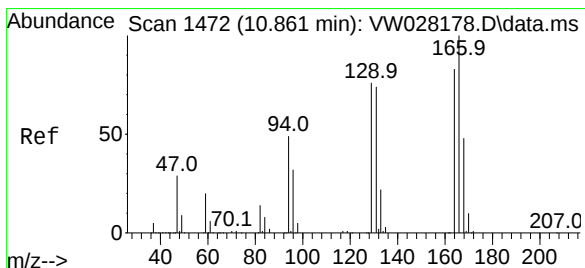
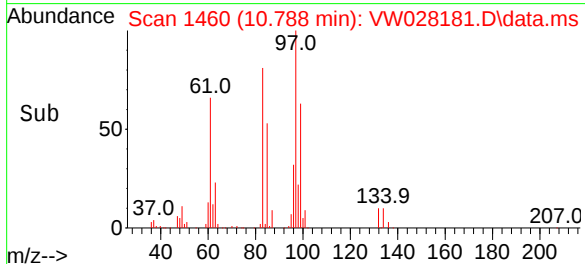
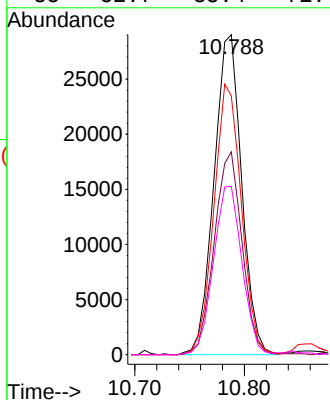
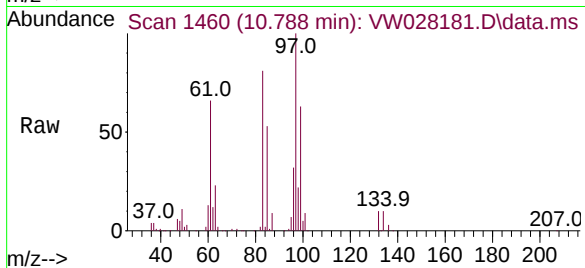
Ion Ratio Lower Upper

97 100

99 63.4 43.4 80.6

83 80.8 59.4 110.4

85 52.7 38.4 71.4



#46

Tetrachloroethene

Concen: 21.865 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW028181.D

Acq: 14 Mar 2024 15:44

Tgt Ion:164 Resp: 59397

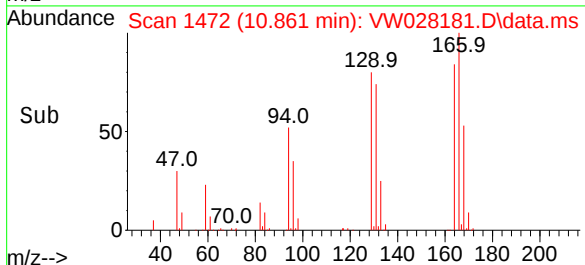
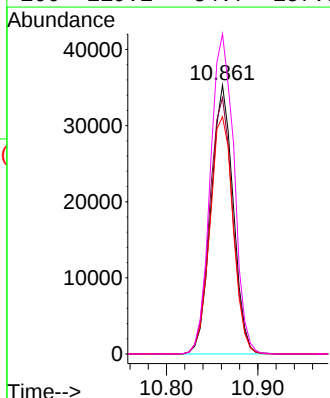
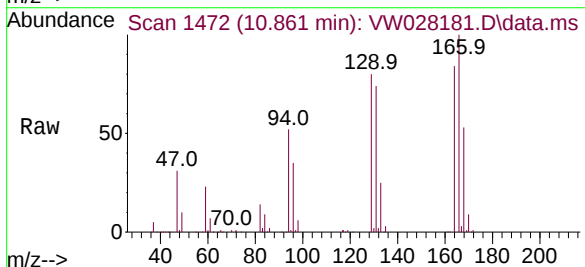
Ion Ratio Lower Upper

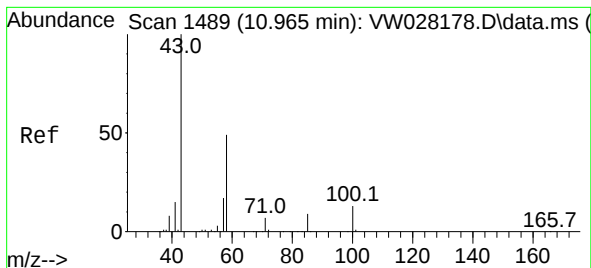
164 100

129 95.4 64.0 119.0

131 88.3 62.6 116.3

166 119.1 84.7 157.3

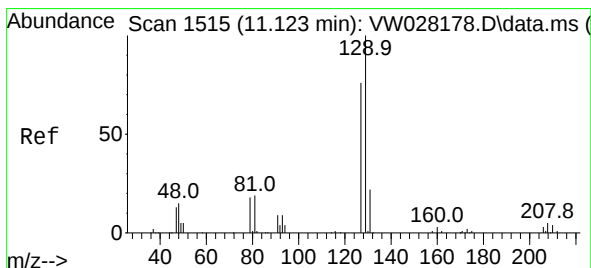
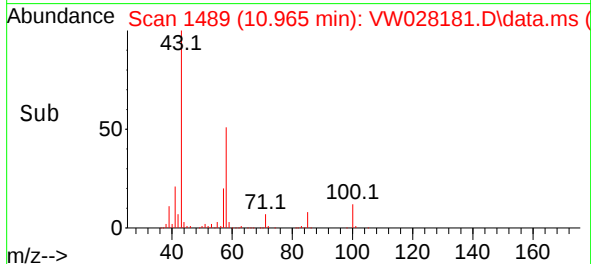
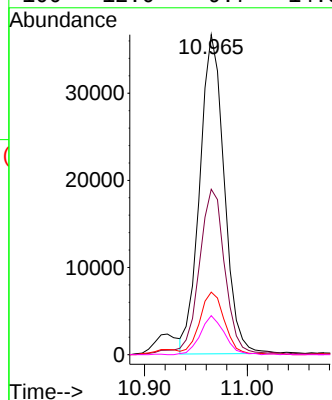
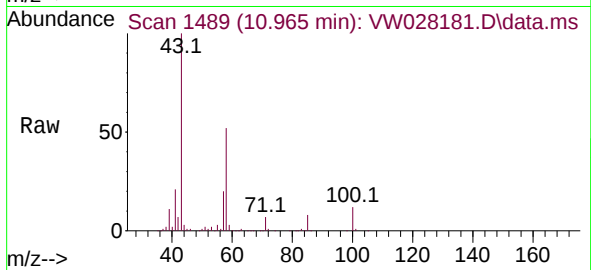




#48
2-Hexanone
Concen: 45.455 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW028181.D
Acq: 14 Mar 2024 15:44

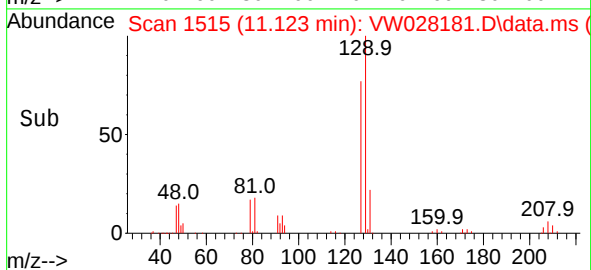
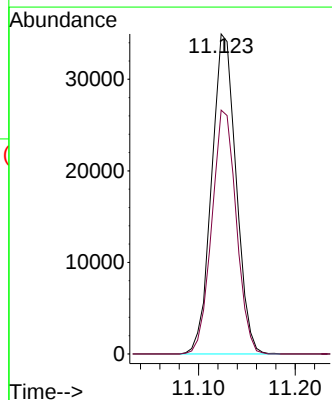
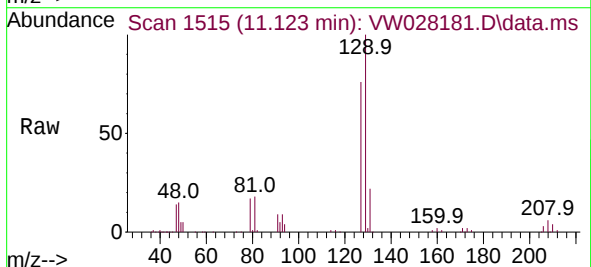
Instrument :
MSVOA_W
ClientSampleId :

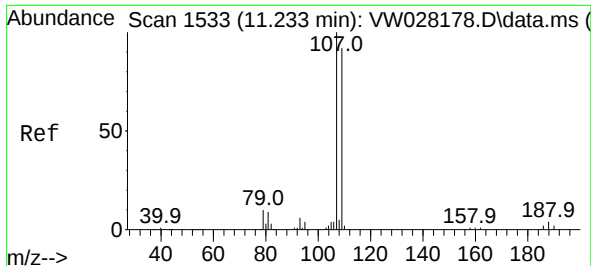
Tgt Ion:	43	Resp:	60724
Ion Ratio	Lower	Upper	
43	100		
58	51.7	40.6	61.0
57	19.9	15.7	23.5
100	12.0	9.7	14.5



#49
Dibromochloromethane
Concen: 23.226 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VW028181.D
Acq: 14 Mar 2024 15:44

Tgt Ion:	129	Resp:	61402
Ion Ratio	Lower	Upper	
129	100		
127	76.2	53.1	98.7





#50

1,2-Dibromoethane

Concen: 23.059 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW028181.D

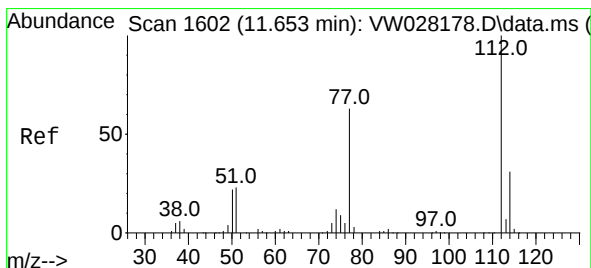
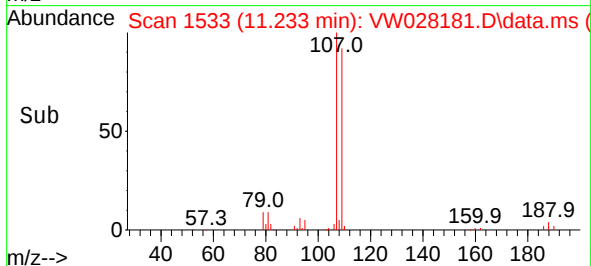
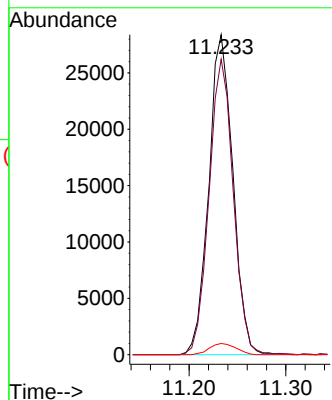
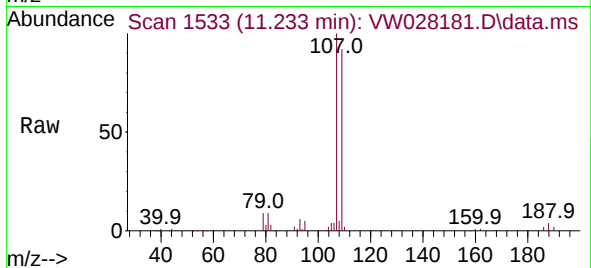
Acq: 14 Mar 2024 15:44

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:107	Resp:	49219
Ion Ratio	Lower	Upper
107	100	
109	92.3	64.4 119.6
188	3.5	3.4 5.2



#51

Chlorobenzene

Concen: 22.641 ug/L

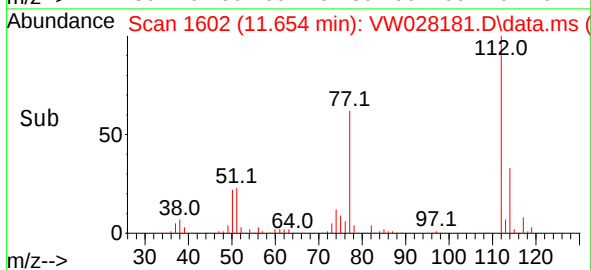
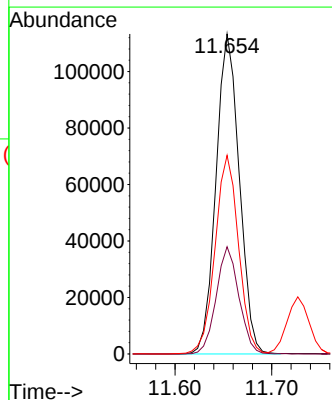
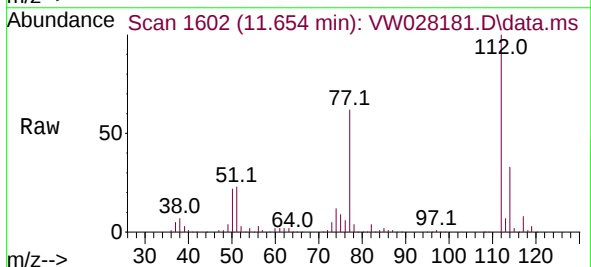
RT: 11.654 min Scan# 1602

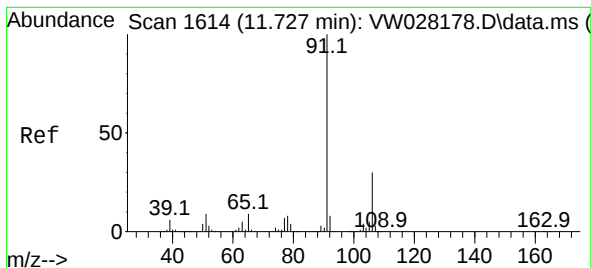
Delta R.T. 0.000 min

Lab File: VW028181.D

Acq: 14 Mar 2024 15:44

Tgt Ion:112	Resp:	189450
Ion Ratio	Lower	Upper
112	100	
114	33.5	21.8 40.6
77	62.0	50.6 76.0

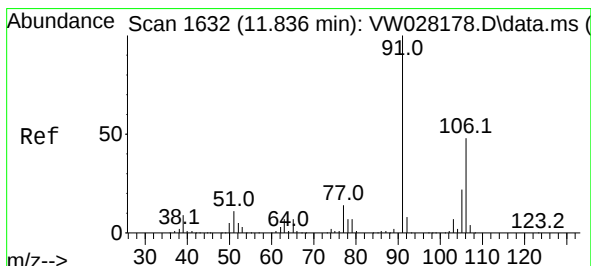
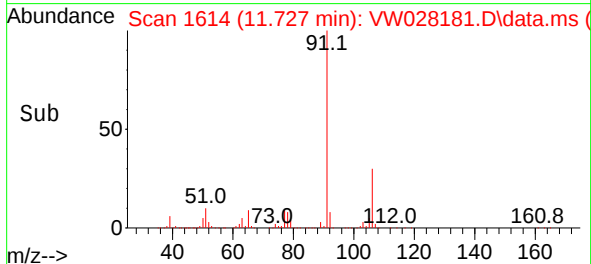
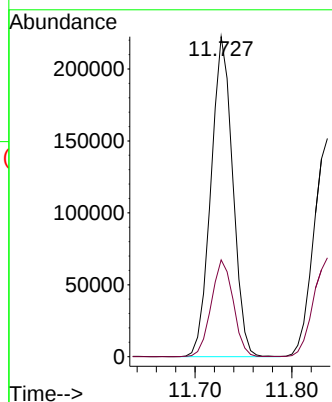
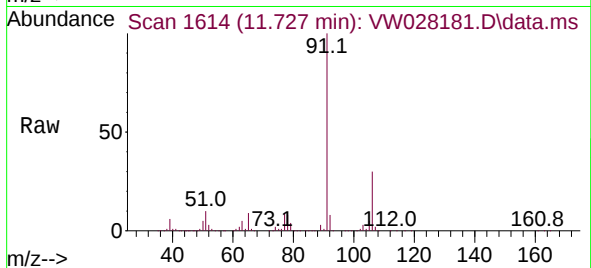




#52
Ethylbenzene
Concen: 22.634 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW028181.D
Acq: 14 Mar 2024 15:44

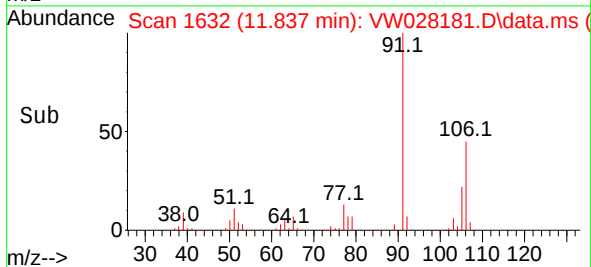
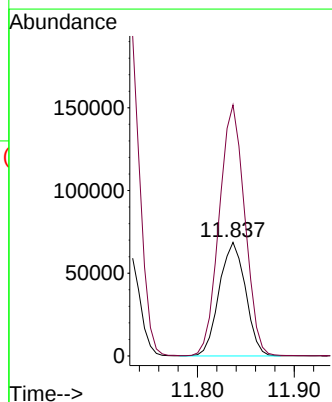
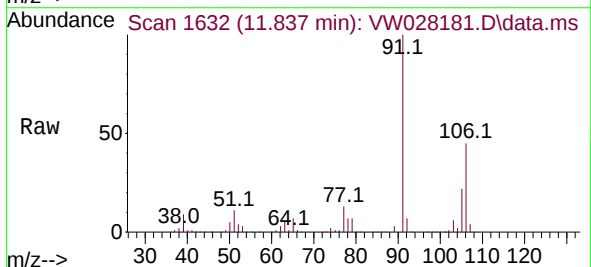
Instrument :
MSVOA_W
ClientSampleId :

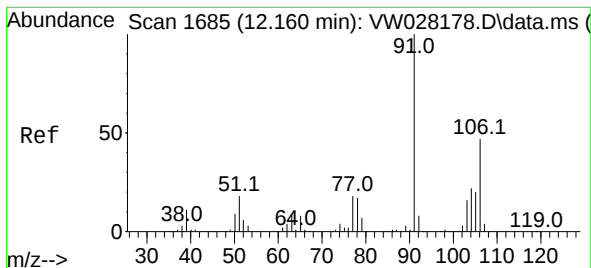
Tgt Ion: 91 Resp: 348322
Ion Ratio Lower Upper
91 100
106 30.2 21.3 39.5



#53
m,p-Xylene
Concen: 22.430 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW028181.D
Acq: 14 Mar 2024 15:44

Tgt Ion:106 Resp: 129898
Ion Ratio Lower Upper
106 100
91 220.8 147.1 273.1





#54

o-Xylene

Concen: 23.169 ug/L

RT: 12.160 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028181.D

Acq: 14 Mar 2024 15:44

Instrument :

MSVOA_W

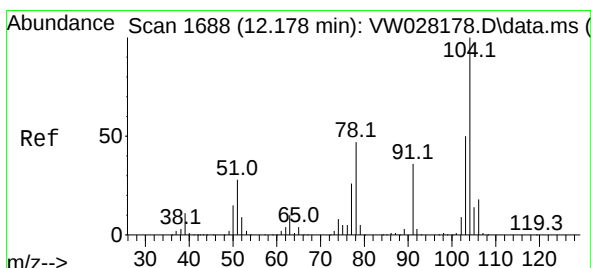
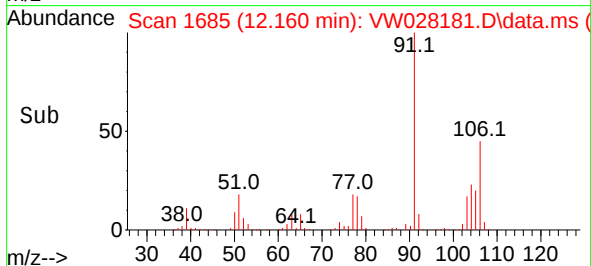
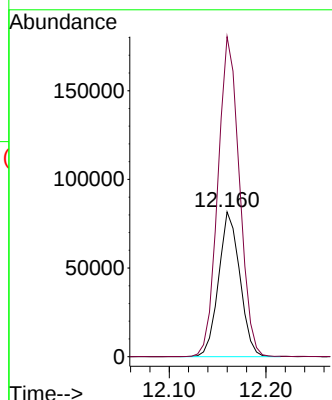
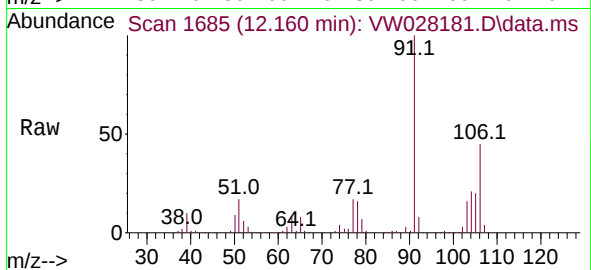
ClientSampleId :

Tgt Ion:106 Resp: 124429

Ion Ratio Lower Upper

106 100

91 221.0 149.2 277.2



#55

Styrene

Concen: 23.648 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW028181.D

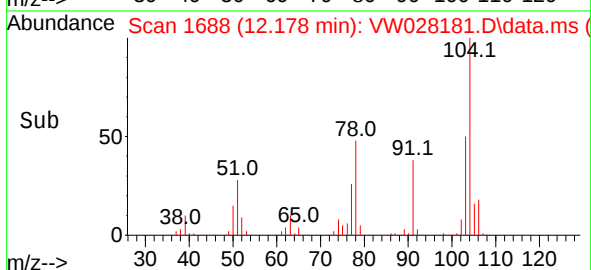
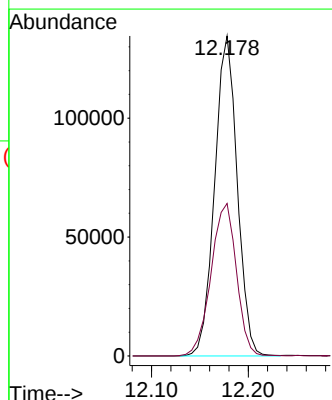
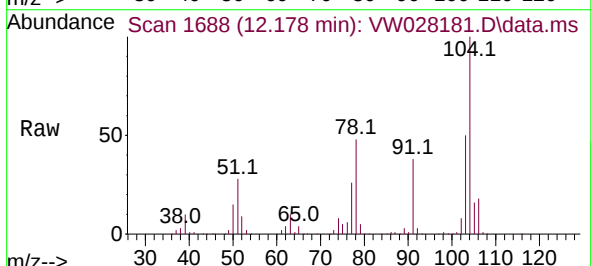
Acq: 14 Mar 2024 15:44

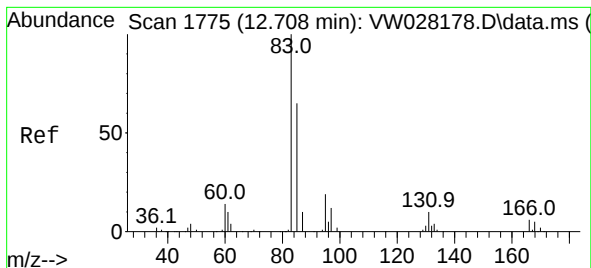
Tgt Ion:104 Resp: 218142

Ion Ratio Lower Upper

104 100

78 47.7 33.2 61.7

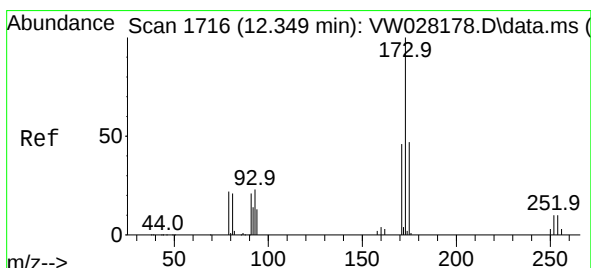
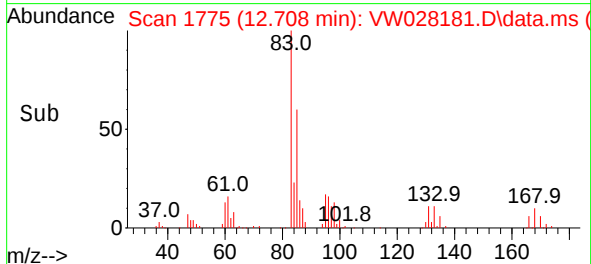
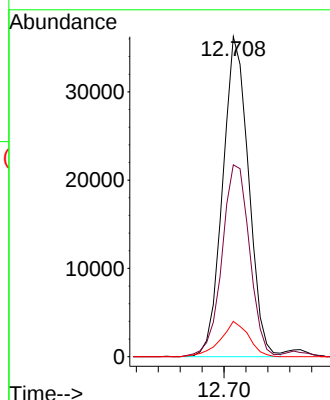
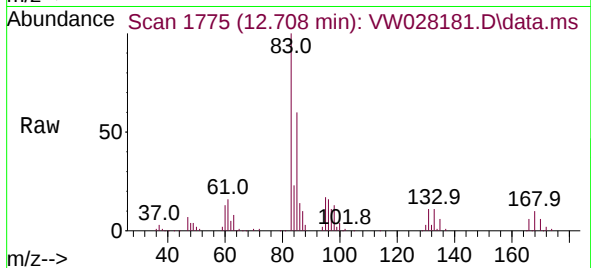




#57
1,1,2,2-Tetrachloroethane
Concen: 23.310 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VW028181.D
Acq: 14 Mar 2024 15:44

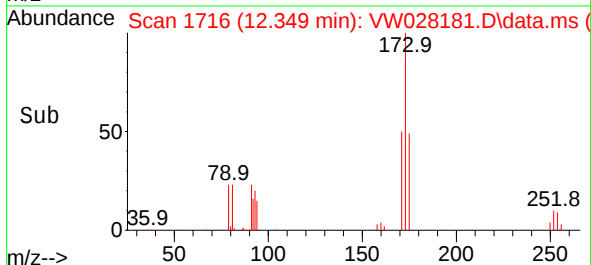
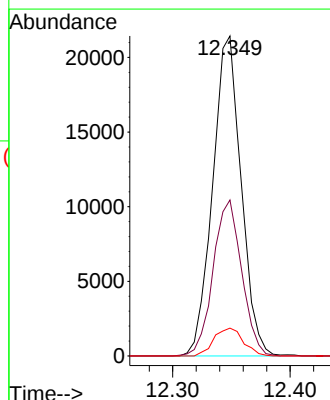
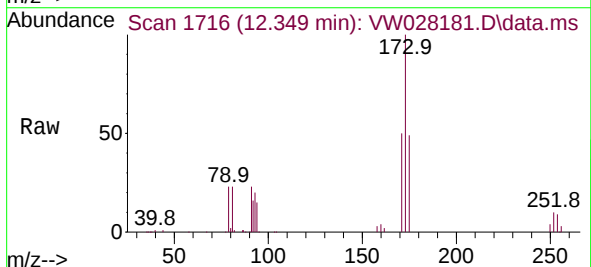
Instrument :
MSVOA_W
ClientSampleId :

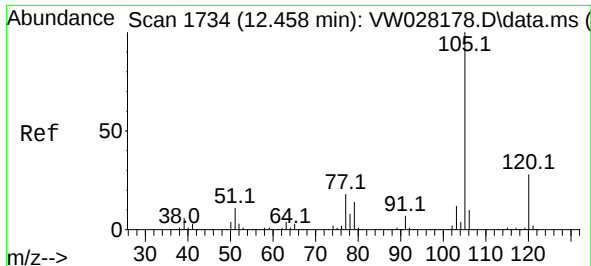
Tgt Ion: 83 Resp: 59518
Ion Ratio Lower Upper
83 100
85 60.0 47.0 87.2
131 11.1 8.9 13.3



#59
Bromoform
Concen: 23.717 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW028181.D
Acq: 14 Mar 2024 15:44

Tgt Ion:173 Resp: 36096
Ion Ratio Lower Upper
173 100
175 48.8 39.8 59.6
254 9.0 8.5 12.7

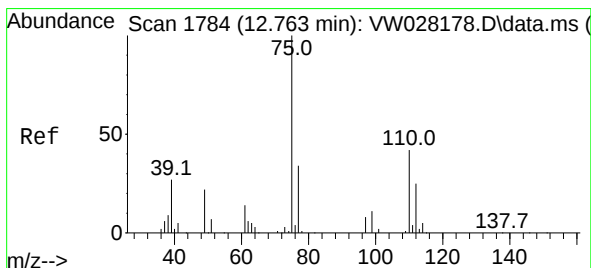
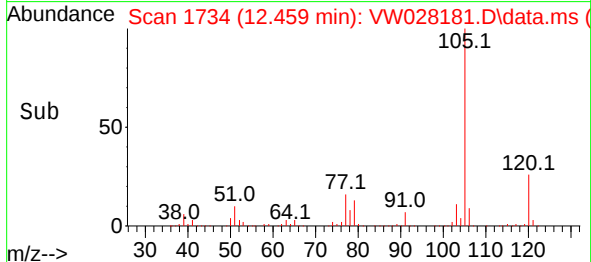
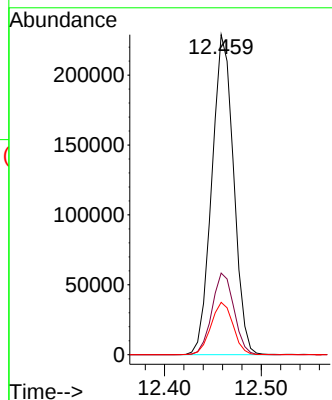
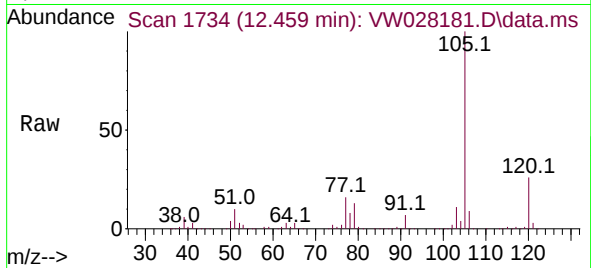




#60
Isopropylbenzene
Concen: 23.699 ug/L
RT: 12.459 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW028181.D
Acq: 14 Mar 2024 15:44

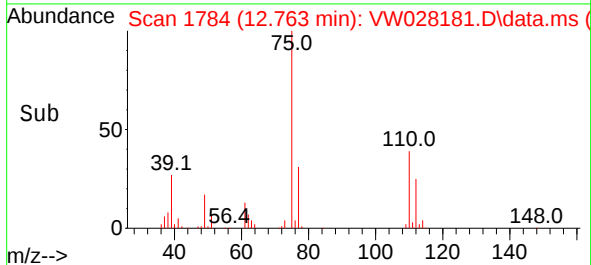
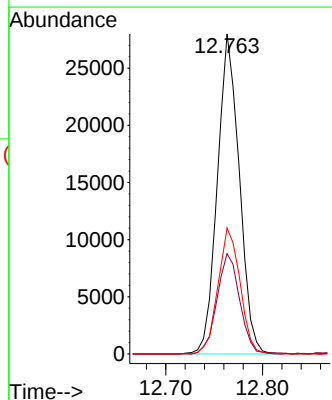
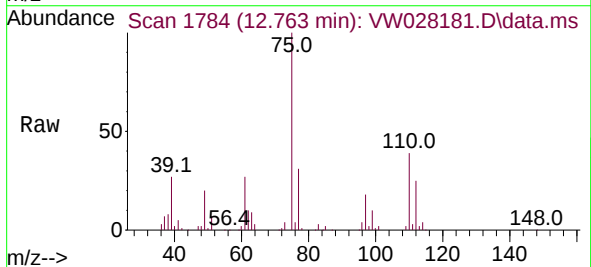
Instrument :
MSVOA_W
ClientSampleId :

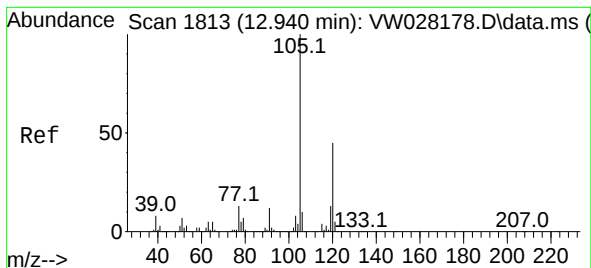
Tgt Ion:105 Resp: 357621
Ion Ratio Lower Upper
105 100
120 25.7 21.0 31.6
77 16.6 13.7 20.5



#61
1,2,3-Trichloropropane
Concen: 22.726 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW028181.D
Acq: 14 Mar 2024 15:44

Tgt Ion: 75 Resp: 44052
Ion Ratio Lower Upper
75 100
77 32.3 26.0 39.0
110 39.5 32.2 48.2





#62

1,3,5-Trimethylbenzene

Concen: 24.436 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW028181.D

Acq: 14 Mar 2024 15:44

Instrument :

MSVOA_W

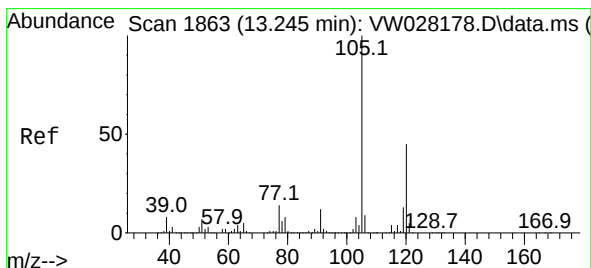
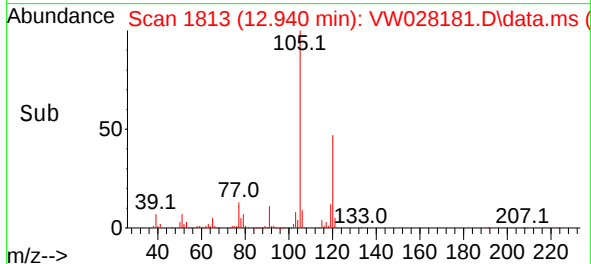
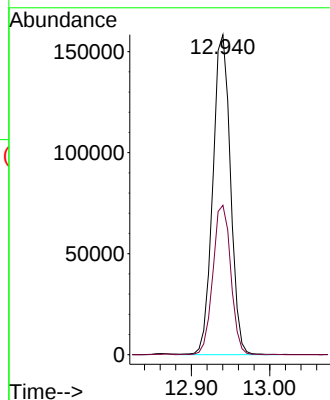
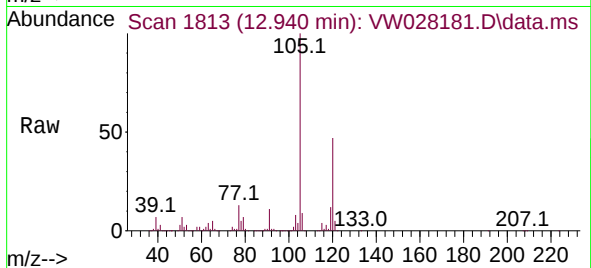
ClientSampleId :

Tgt Ion:105 Resp: 247420

Ion Ratio Lower Upper

105 100

120 47.5 38.2 57.2



#63

1,2,4-Trimethylbenzene

Concen: 24.319 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW028181.D

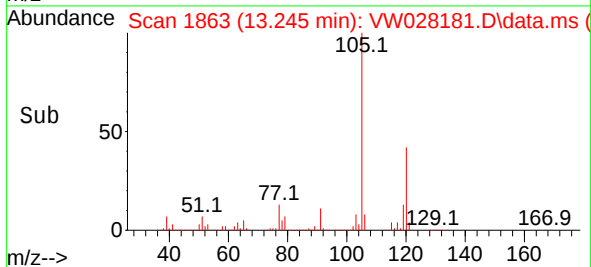
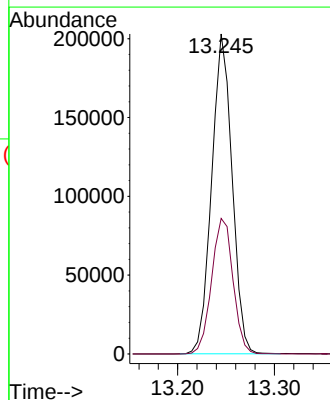
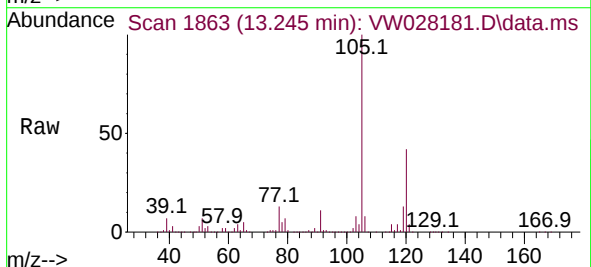
Acq: 14 Mar 2024 15:44

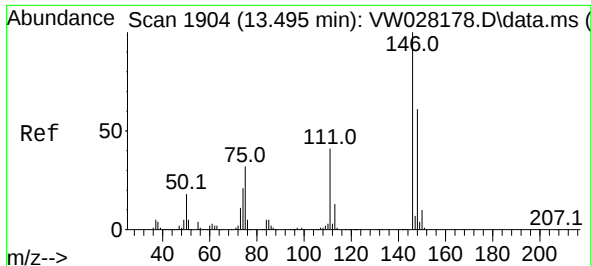
Tgt Ion:105 Resp: 297329

Ion Ratio Lower Upper

105 100

120 44.4 35.6 53.4





#64

1,3-Dichlorobenzene

Concen: 22.761 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW028181.D

Acq: 14 Mar 2024 15:44

Instrument :

MSVOA_W

ClientSampleId :

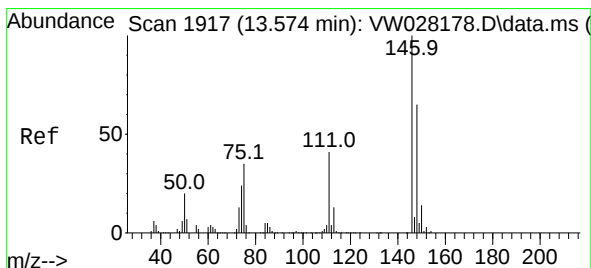
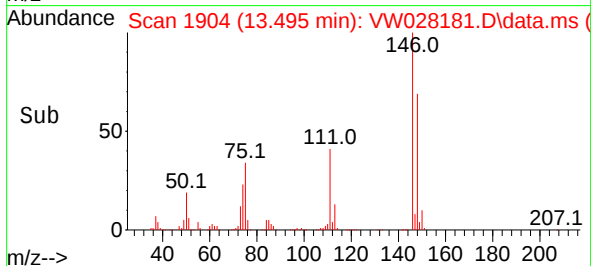
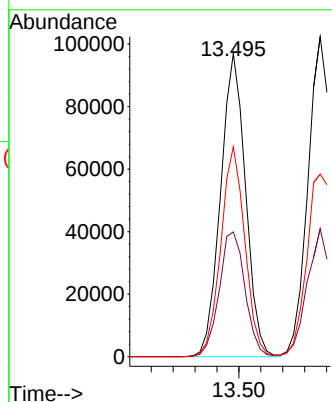
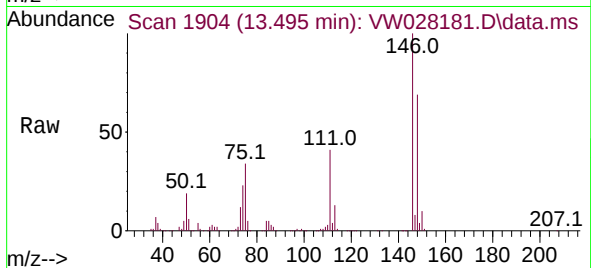
Tgt Ion:146 Resp: 153232

Ion Ratio Lower Upper

146 100

111 41.2 28.5 52.9

148 69.2 43.0 80.0



#65

1,4-Dichlorobenzene

Concen: 23.397 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW028181.D

Acq: 14 Mar 2024 15:44

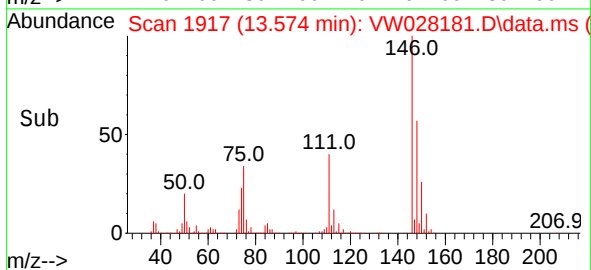
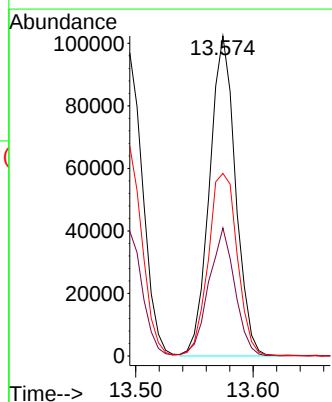
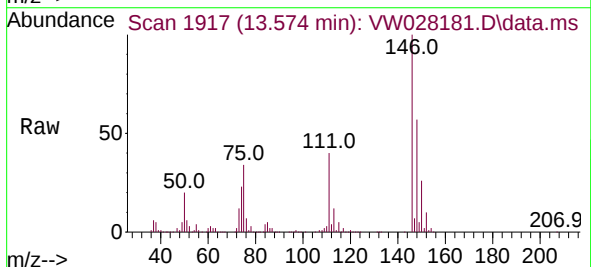
Tgt Ion:146 Resp: 157507

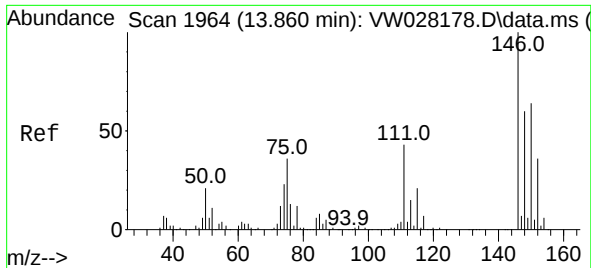
Ion Ratio Lower Upper

146 100

111 40.0 28.8 53.6

148 57.1 45.3 84.1

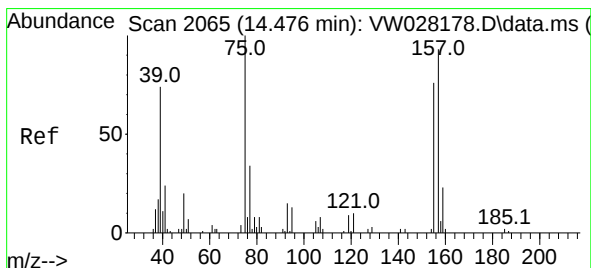
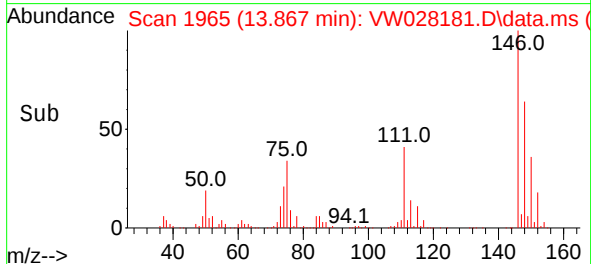
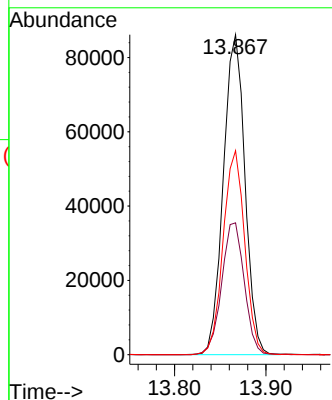
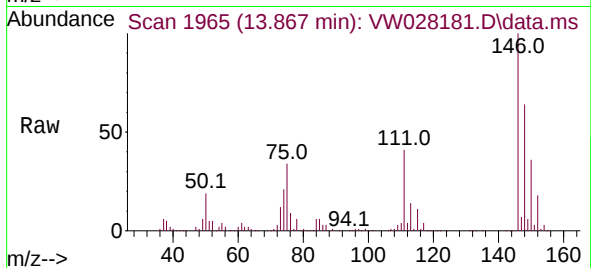




#67
1,2-Dichlorobenzene
Concen: 24.479 ug/L
RT: 13.867 min Scan# 1964
Delta R.T. 0.006 min
Lab File: VW028181.D
Acq: 14 Mar 2024 15:44

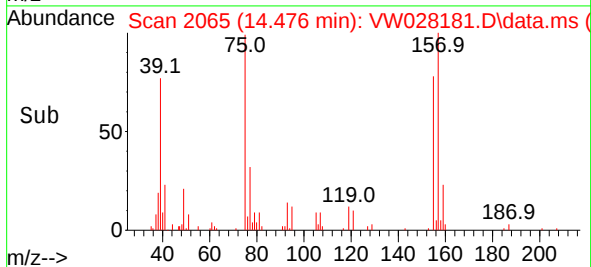
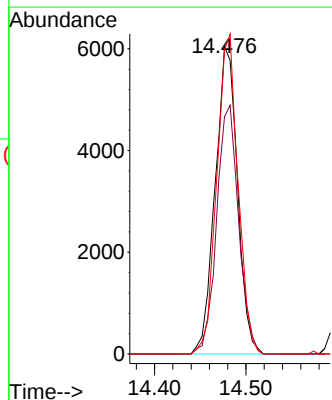
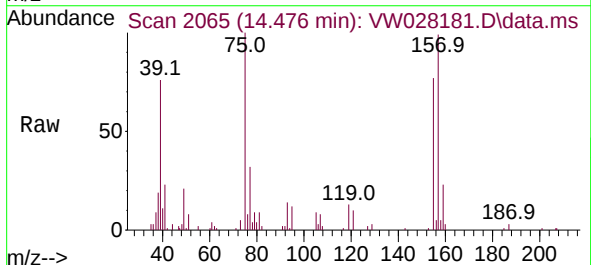
Instrument :
MSVOA_W
ClientSampleId :

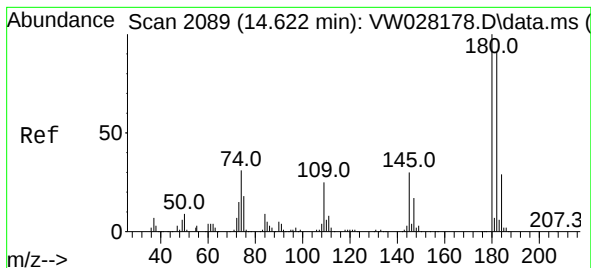
Tgt Ion:146 Resp: 141915
Ion Ratio Lower Upper
146 100
111 41.2 34.2 51.2
148 63.8 48.1 72.1



#68
1,2-Dibromo-3-chloropropane
Concen: 22.506 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW028181.D
Acq: 14 Mar 2024 15:44

Tgt Ion: 75 Resp: 10248
Ion Ratio Lower Upper
75 100
155 77.1 61.1 91.7
157 98.7 74.2 111.4





#69

1,3,5-Trichlorobenzene

Concen: 24.135 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW028181.D

Acq: 14 Mar 2024 15:44

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 113179

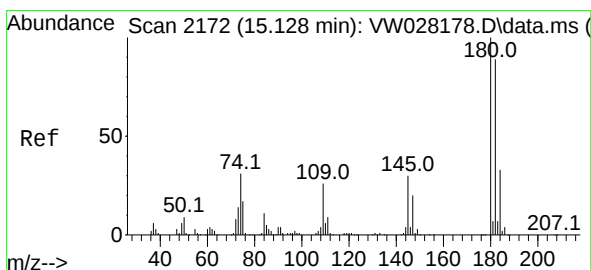
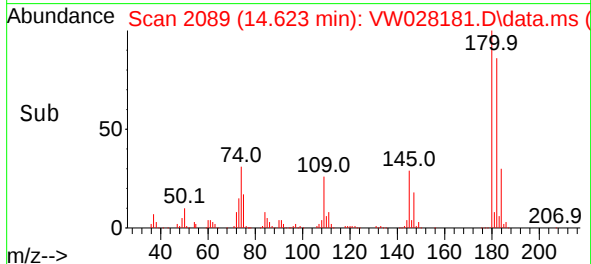
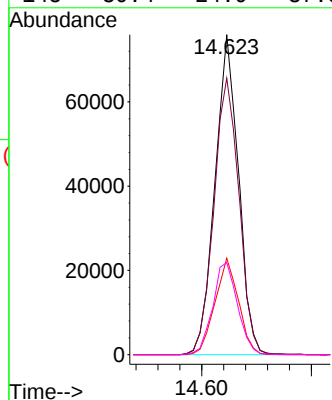
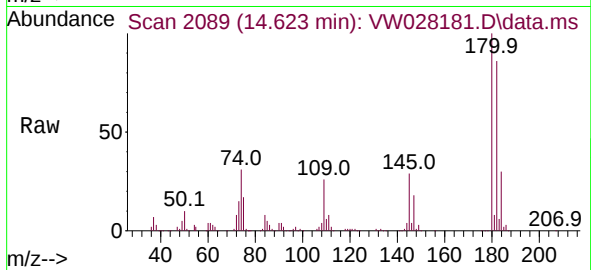
Ion Ratio Lower Upper

180 100

182 92.3 76.6 114.8

184 30.1 23.5 35.3

145 30.4 24.9 37.3



#70

1,2,4-trichlorobenzene

Concen: 24.404 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW028181.D

Acq: 14 Mar 2024 15:44

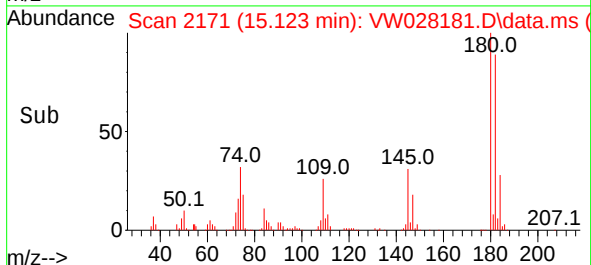
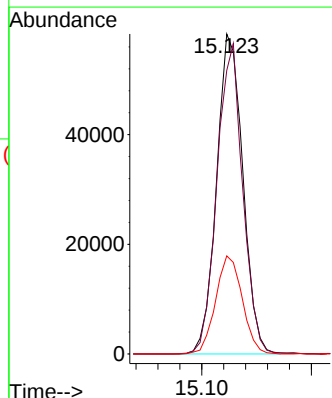
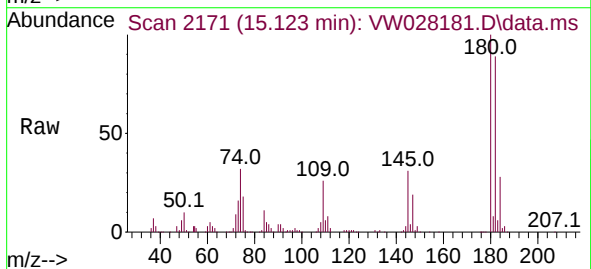
Tgt Ion:180 Resp: 97221

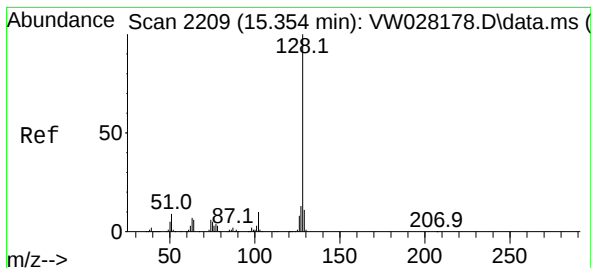
Ion Ratio Lower Upper

180 100

182 94.8 73.8 110.8

145 31.0 25.0 37.6





#71

Naphthalene

Concen: 24.901 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VW028181.D

Acq: 14 Mar 2024 15:44

Instrument :

MSVOA_W

ClientSampleId :

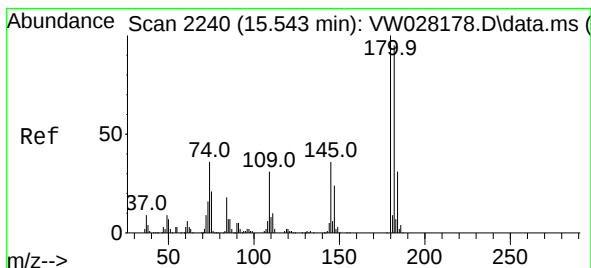
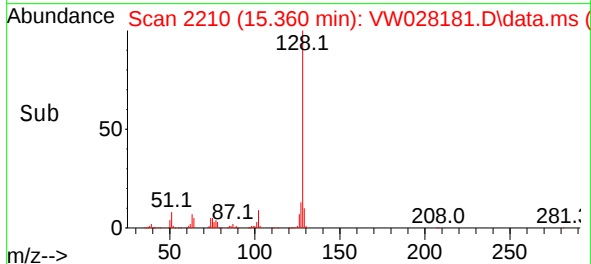
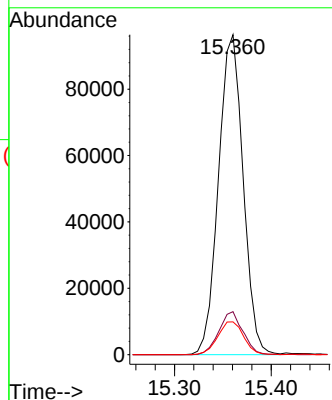
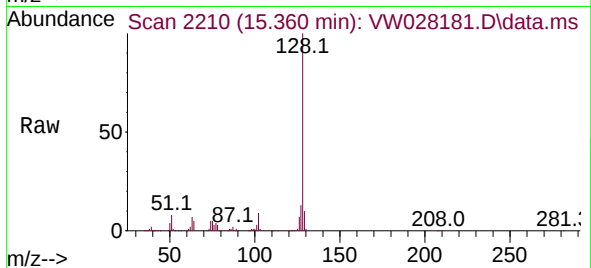
Tgt Ion:128 Resp: 170268

Ion Ratio Lower Upper

128 100

127 13.1 10.9 16.3

129 10.8 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 24.111 ug/L

RT: 15.543 min Scan# 2240

Delta R.T. 0.000 min

Lab File: VW028181.D

Acq: 14 Mar 2024 15:44

Tgt Ion:180 Resp: 79184

Ion Ratio Lower Upper

180 100

182 95.5 76.0 114.0

145 34.0 27.1 40.7

