

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030824\
 Data File : VW028135.D
 Acq On : 08 Mar 2024 08:53
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 08 22:37:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 08 00:16:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	260291	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	240083	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	126240	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	68243	21.963	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	87.840%		
7) Chloroethane-d5	2.905	69	55790	23.179	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	92.720%		
11) 1,1-Dichloroethene-d2	4.021	65	29196	23.004	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	92.000%		
21) 2-Butanone-d5	7.075	46	23467	52.945	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	105.900%		
24) Chloroform-d	7.648	84	137239	24.893	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	99.560%		
26) 1,2-Dichloroethane-d4	8.301	65	64960	25.318	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	101.280%		
32) Benzene-d6	8.276	84	268694	23.974	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	95.880%		
36) 1,2-Dichloropropane-d6	9.270	67	69898	24.138	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	96.560%		
41) Toluene-d8	10.325	98	258354	24.461	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	97.840%		
43) trans-1,3-Dichloroprop...	10.575	79	31342	24.699	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	98.800%		
47) 2-Hexanone-d5	10.922	63	21945	53.804	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	107.600%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	58483	25.589	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	102.360%		
66) 1,2-Dichlorobenzene-d4	13.849	152	89010	23.708	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	94.840%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.015	85	54972	20.672	ug/L	92
3) Chloromethane	2.223	50	55100	21.792	ug/L	99
5) Vinyl chloride	2.375	62	84843	24.079	ug/L	99
6) Bromomethane	2.790	94	64852	23.070	ug/L	98
8) Chloroethane	2.936	64	52247	23.611	ug/L	100
9) Trichlorofluoromethane	3.271	101	72924	22.188	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	81421	23.830	ug/L	91
12) 1,1-Dichloroethene	4.051	96	76012	23.492	ug/L	95
13) Acetone	4.125	43	28238	45.579	ug/L	98
14) Carbon disulfide	4.393	76	223619	22.687	ug/L	100
15) Methyl Acetate	4.673	43	20593	23.517	ug/L	99
16) Methylene chloride	4.917	84	79744	22.272	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	81533	23.582	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	102397	24.183	ug/L	99
19) 1,1-Dichloroethane	6.216	63	128482	23.502	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	86787	23.852	ug/L	98
22) 2-Butanone	7.167	43	31085	44.926	ug/L	99
23) Bromochloromethane	7.520	128	40212	23.541	ug/L	86
25) Chloroform	7.679	83	147640	24.179	ug/L	97

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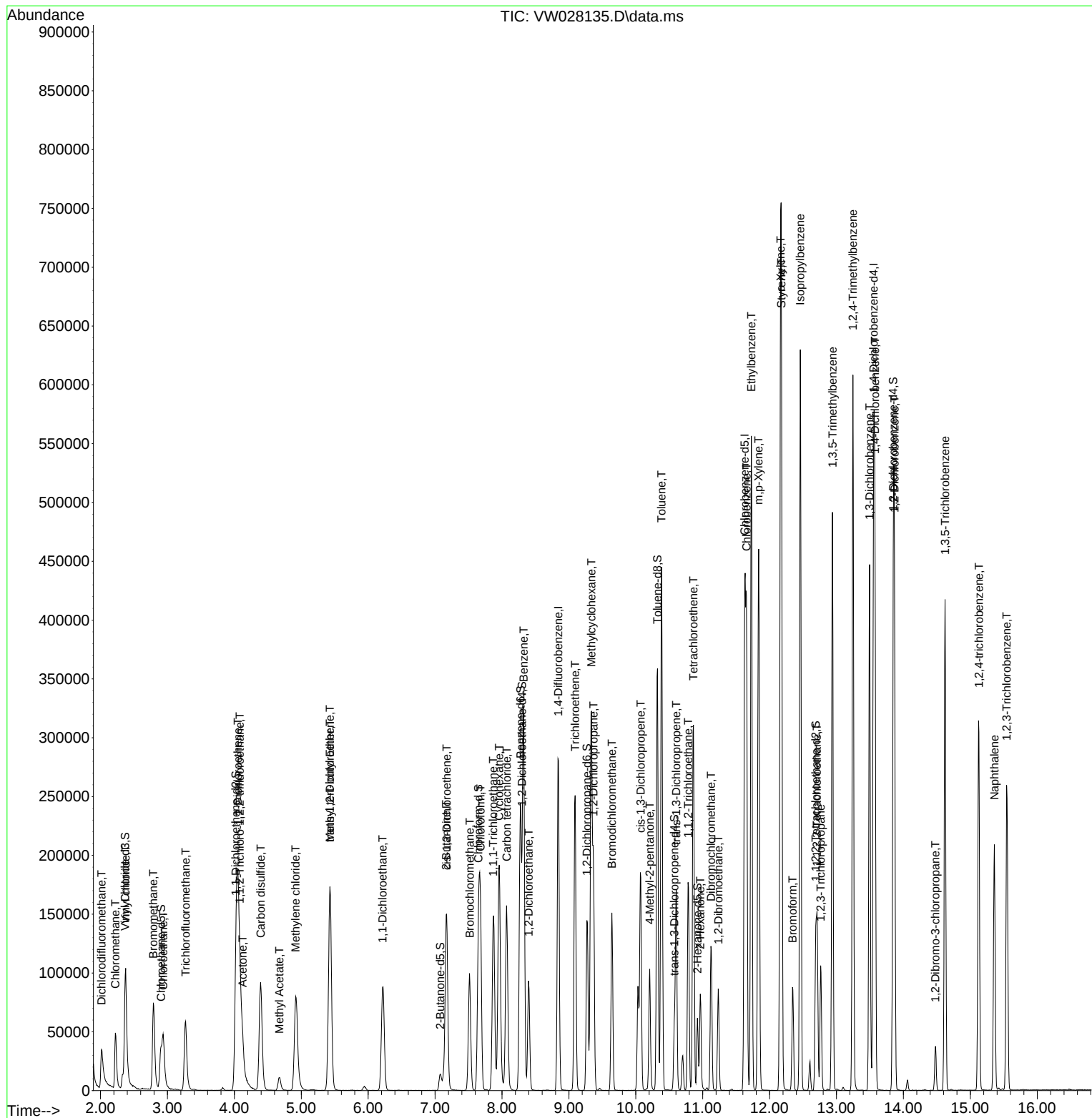
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	87969	24.228	ug/L	97
29) Cyclohexane	7.959	56	109568	23.733	ug/L	100
30) 1,1,1-Trichloroethane	7.868	97	131533	24.538	ug/L	99
31) Carbon tetrachloride	8.069	117	125814	25.134	ug/L	98
33) Benzene	8.325	78	305662	23.566	ug/L	100
34) Trichloroethene	9.093	95	87757	23.092	ug/L	93
35) Methylcyclohexane	9.337	83	150143	24.410	ug/L	98
37) 1,2-Dichloropropane	9.368	63	69661	23.063	ug/L	99
38) Bromodichloromethane	9.642	83	101852	23.346	ug/L	96
39) cis-1,3-Dichloropropene	10.075	75	117482	23.652	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	58673	48.907	ug/L	99
42) Toluene	10.386	91	350268	23.900	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	96249	23.853	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	58484	23.088	ug/L	98
46) Tetrachloroethene	10.861	164	76717	24.086	ug/L	93
48) 2-Hexanone	10.965	43	47172	48.630	ug/L	98
49) Dibromochloromethane	11.123	129	69736	23.681	ug/L	84
50) 1,2-Dibromoethane	11.233	107	56936	23.336	ug/L	98
51) Chlorobenzene	11.654	112	226701	23.183	ug/L	95
52) Ethylbenzene	11.727	91	397897	23.747	ug/L	96
53) m,p-Xylene	11.837	106	156116	24.014	ug/L	97
54) o-Xylene	12.166	106	146273	23.774	ug/L	96
55) Styrene	12.178	104	248448	23.678	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	64974	23.788	ug/L	93
59) Bromoform	12.343	173	41319	23.088	ug/L	97
60) Isopropylbenzene	12.459	105	411400	23.754	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	44354	22.856	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	273465	24.083	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	332101	24.526	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	182300	22.776	ug/L	88
65) 1,4-Dichlorobenzene	13.574	146	183680	22.731	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	164246	22.781	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.476	75	9942	24.392	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	134423	22.758	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	107312	22.623	ug/L	93
71) Naphthalene	15.360	128	183989	23.716	ug/L	100
72) 1,2,3-Trichlorobenzene	15.543	180	92371	23.286	ug/L	95

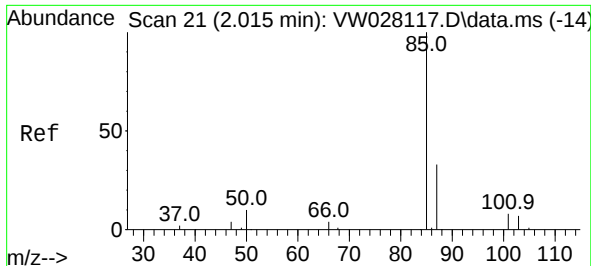
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 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
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 ClientSampleId :

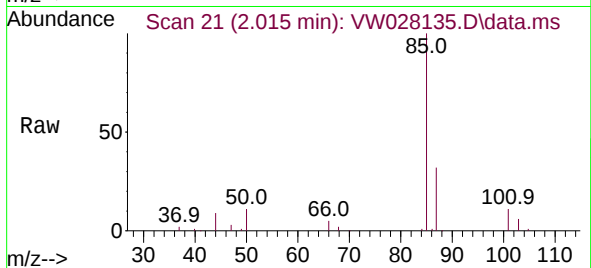
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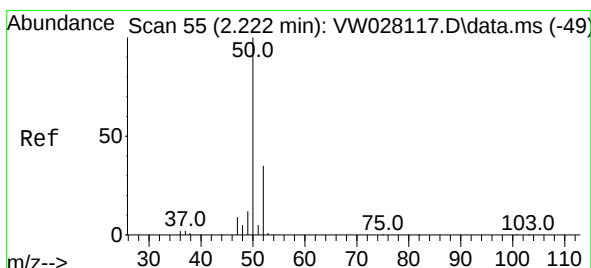
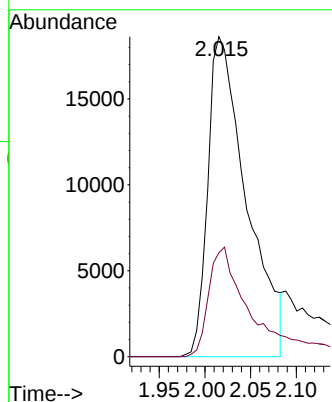
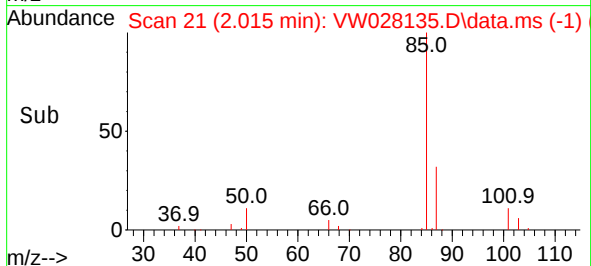


#2
 Dichlorodifluoromethane
 Concen: 20.672 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW028135.D
 Acq: 08 Mar 2024 08:53

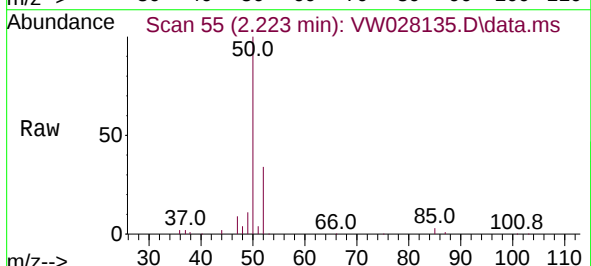
Instrument :
 MSVOA_W
 ClientSampleId :



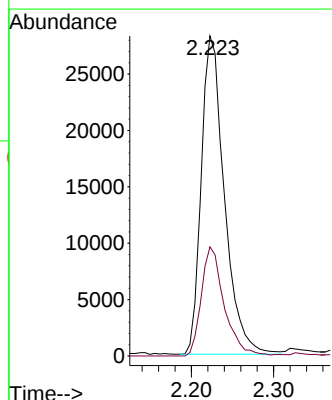
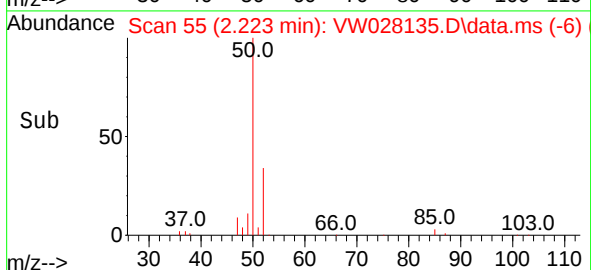
Tgt Ion: 85 Resp: 54972
 Ion Ratio Lower Upper
 85 100
 87 37.5 26.6 39.8

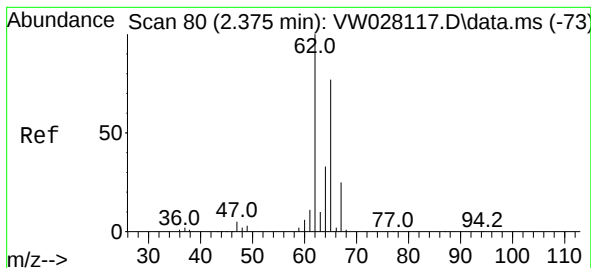


#3
 Chloromethane
 Concen: 21.792 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW028135.D
 Acq: 08 Mar 2024 08:53



Tgt Ion: 50 Resp: 55100
 Ion Ratio Lower Upper
 50 100
 52 34.1 23.7 43.9





#5

Vinyl chloride

Concen: 24.079 ug/L

RT: 2.375 min Scan# 80

Delta R.T. 0.000 min

Lab File: VW028135.D

Acq: 08 Mar 2024 08:53

Instrument :

MSVOA_W

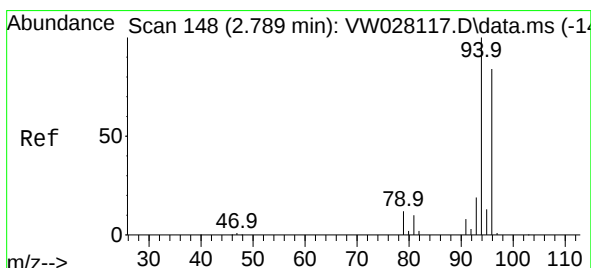
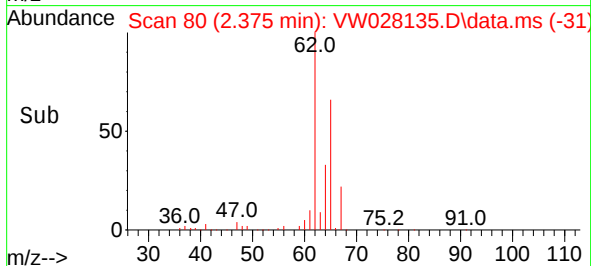
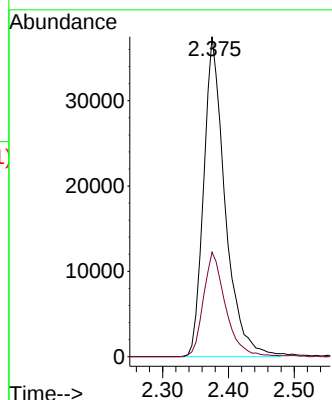
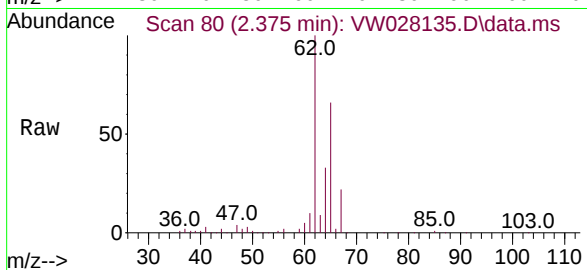
ClientSampleId :

Tgt Ion: 62 Resp: 84843

Ion Ratio Lower Upper

62 100

64 32.7 23.2 43.0



#6

Bromomethane

Concen: 23.070 ug/L

RT: 2.790 min Scan# 148

Delta R.T. 0.000 min

Lab File: VW028135.D

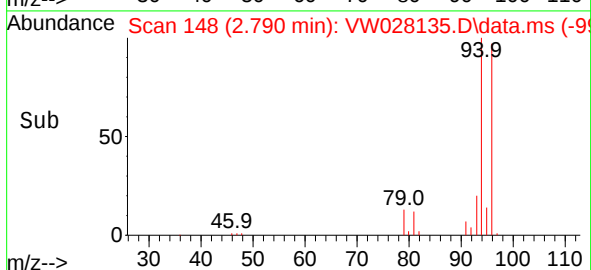
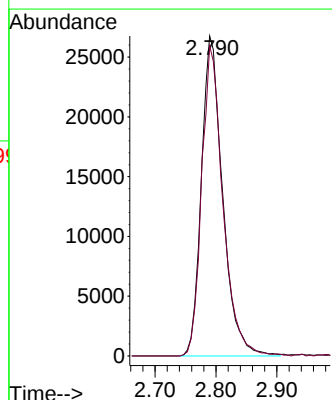
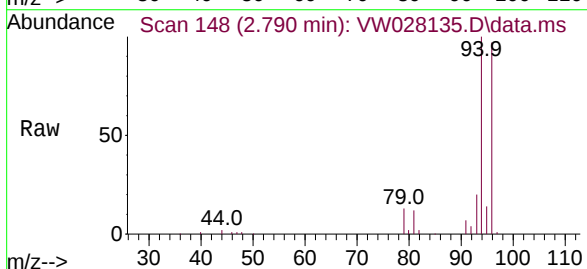
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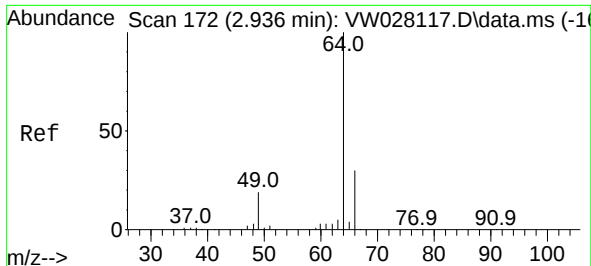
Tgt Ion: 94 Resp: 64852

Ion Ratio Lower Upper

94 100

96 96.9 69.1 128.3

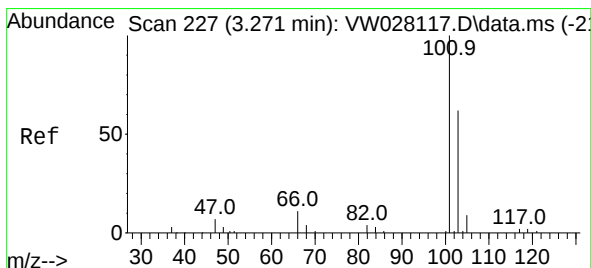
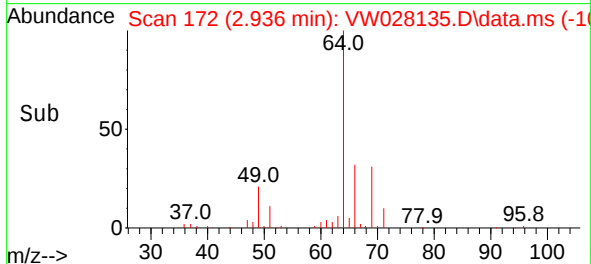
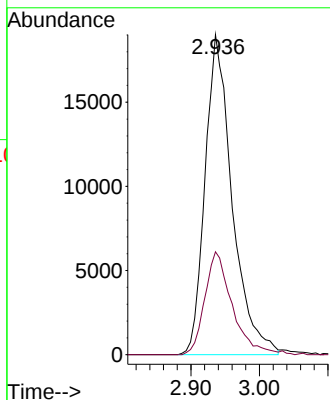
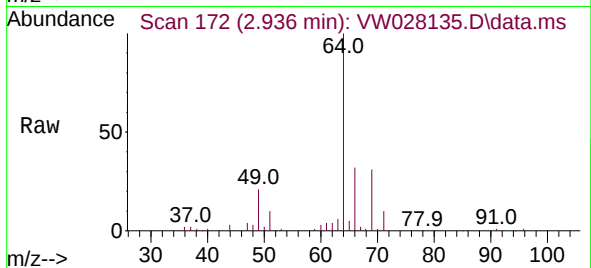




#8
Chloroethane
Concen: 23.611 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW028135.D
Acq: 08 Mar 2024 08:53

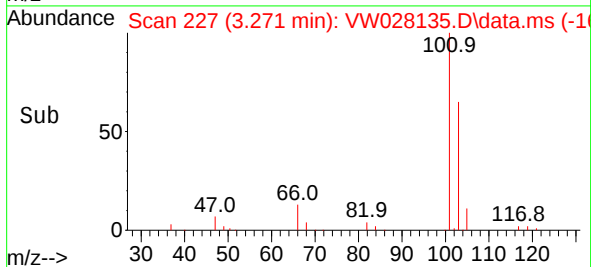
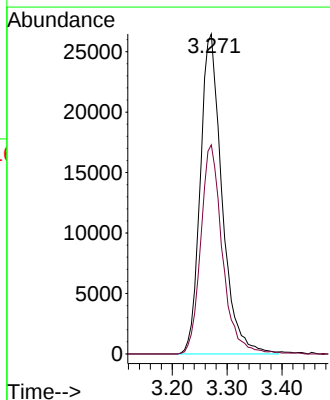
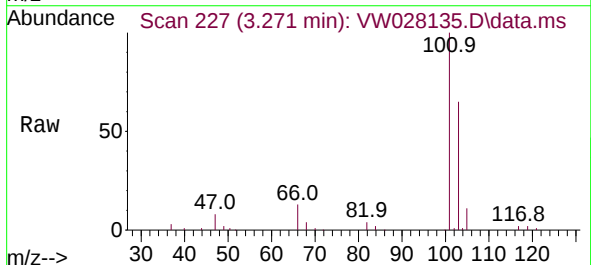
Instrument :
MSVOA_W
ClientSampleId :

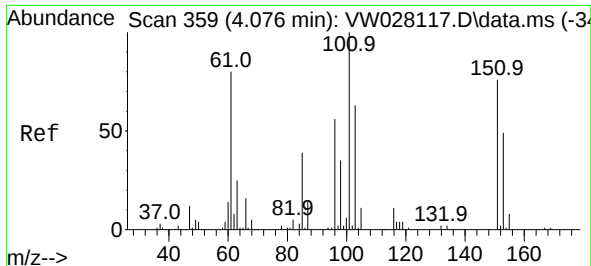
Tgt Ion: 64 Resp: 52247
Ion Ratio Lower Upper
64 100
66 32.2 22.4 41.6



#9
Trichlorofluoromethane
Concen: 22.188 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.000 min
Lab File: VW028135.D
Acq: 08 Mar 2024 08:53

Tgt Ion:101 Resp: 72924
Ion Ratio Lower Upper
101 100
103 64.6 52.6 78.8





#10

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

Concen: 23.830 ug/L

RT: 4.082 min Scan# 3

Delta R.T. 0.006 min

Lab File: VW028135.D

Acq: 08 Mar 2024 08:53

Instrument :

MSVOA_W

ClientSampleId :

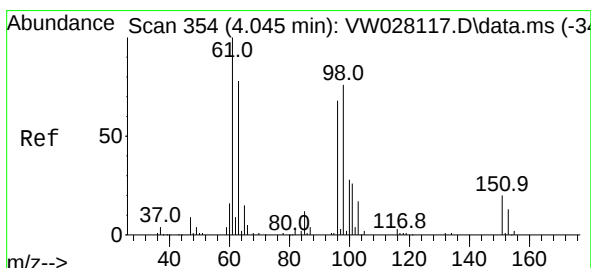
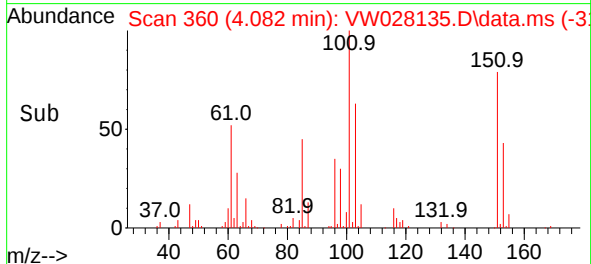
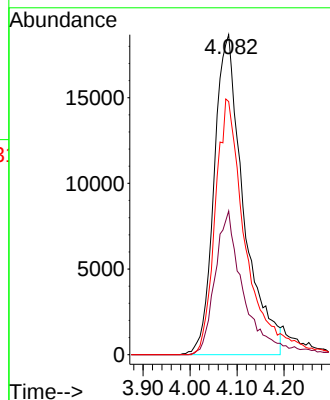
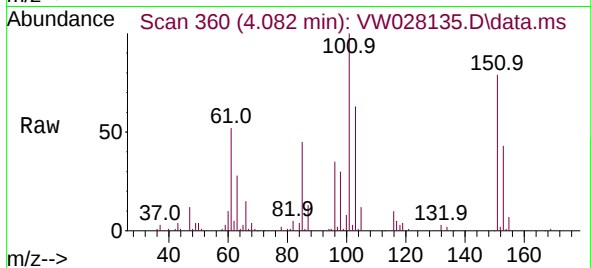
Tgt Ion:101 Resp: 81421

Ion Ratio Lower Upper

101 100

85 42.6 33.1 49.7

151 78.2 53.7 80.5



#12

1,1-Dichloroethene

Concen: 23.492 ug/L

RT: 4.051 min Scan# 355

Delta R.T. 0.006 min

Lab File: VW028135.D

Acq: 08 Mar 2024 08:53

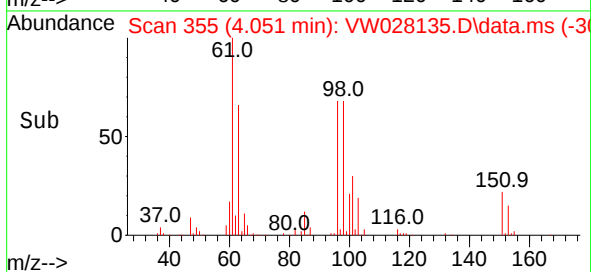
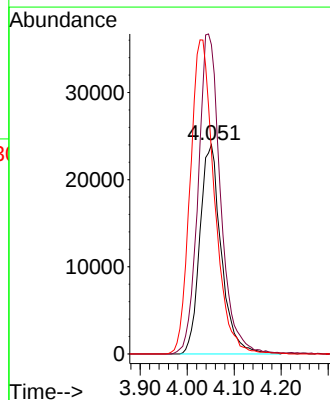
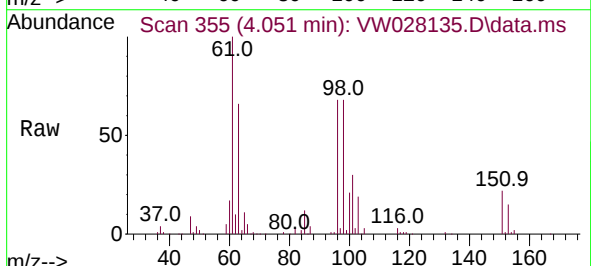
Tgt Ion: 96 Resp: 76012

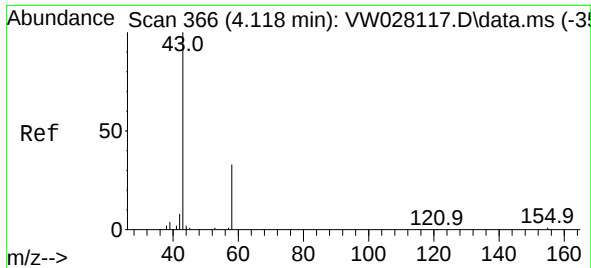
Ion Ratio Lower Upper

96 100

61 147.9 100.5 186.7

63 97.0 72.9 135.5

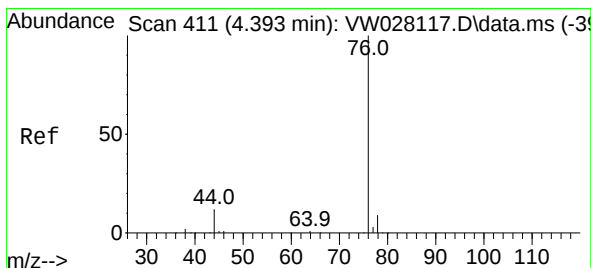
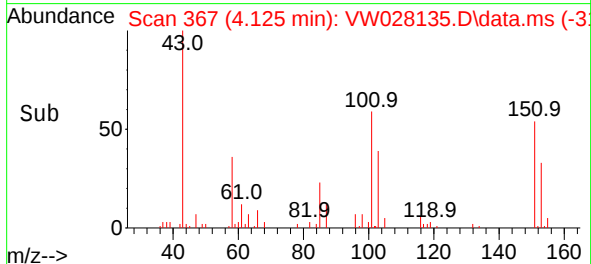
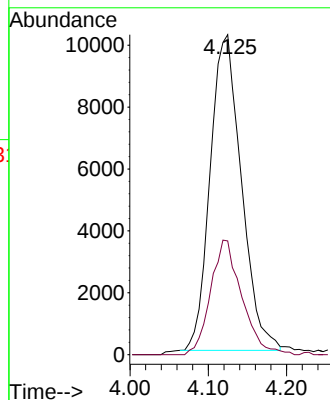
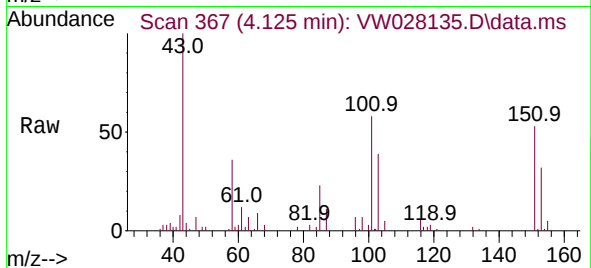




#13
Acetone
Concen: 45.579 ug/L
RT: 4.125 min Scan# 367
Delta R.T. 0.006 min
Lab File: VW028135.D
Acq: 08 Mar 2024 08:53

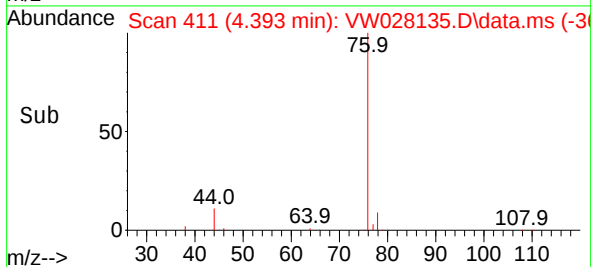
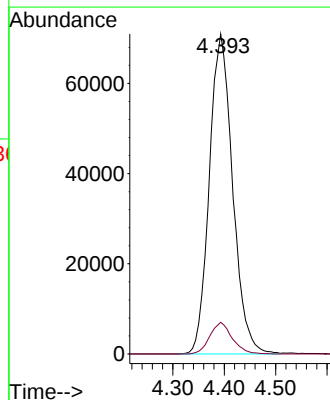
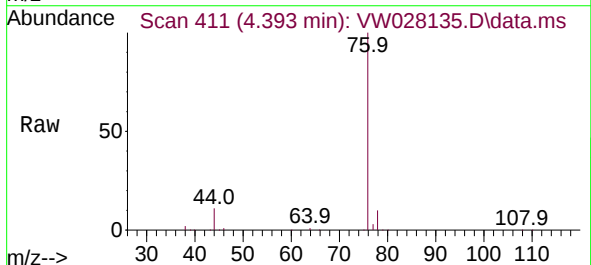
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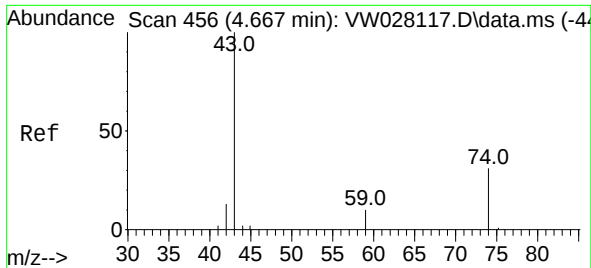
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Ion Ratio Lower Upper
43 100
58 36.3 0.0 70.0



#14
Carbon disulfide
Concen: 22.687 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW028135.D
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Tgt Ion: 76 Resp: 223619
Ion Ratio Lower Upper
76 100
78 9.9 7.9 11.9

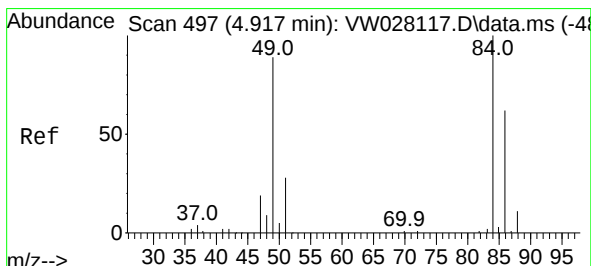
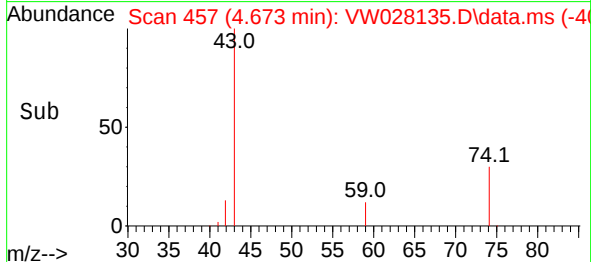
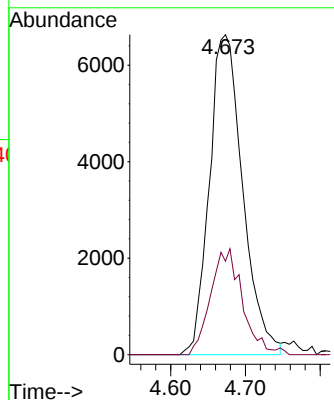
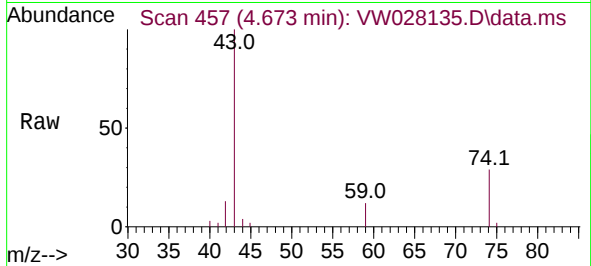




#15
Methyl Acetate
Concen: 23.517 ug/L
RT: 4.673 min Scan# 457
Delta R.T. 0.006 min
Lab File: VW028135.D
Acq: 08 Mar 2024 08:53

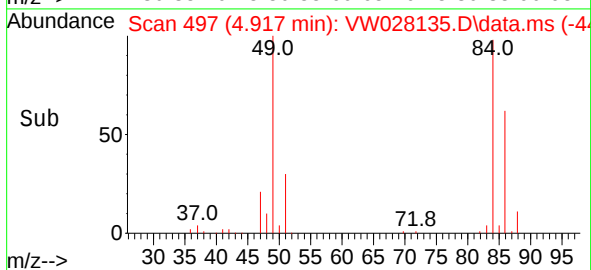
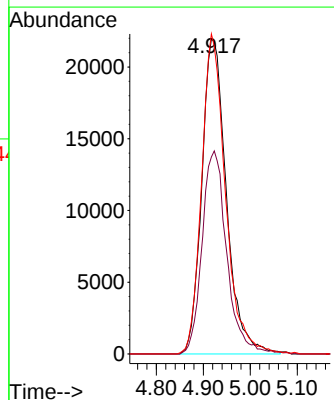
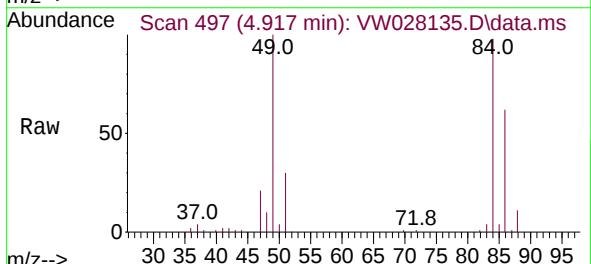
Instrument :
MSVOA_W
ClientSampleId :

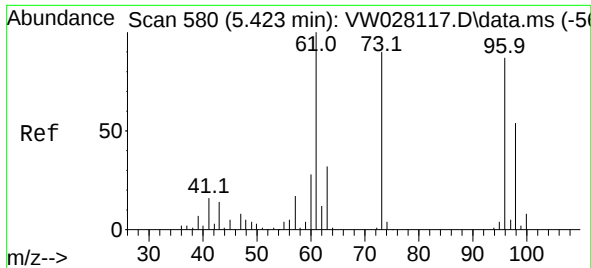
Tgt Ion: 43 Resp: 20593
Ion Ratio Lower Upper
43 100
74 31.0 24.3 36.5



#16
Methylene chloride
Concen: 22.272 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW028135.D
Acq: 08 Mar 2024 08:53

Tgt Ion: 84 Resp: 79744
Ion Ratio Lower Upper
84 100
86 62.6 41.2 76.6
49 101.6 66.5 123.5





#17

trans-1,2-Dichloroethene

Concen: 23.582 ug/L

RT: 5.429 min Scan# 580

Delta R.T. 0.006 min

Lab File: VW028135.D

Acq: 08 Mar 2024 08:53

Instrument :

MSVOA_W

ClientSampleId :

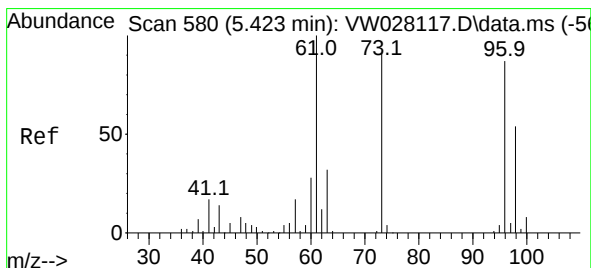
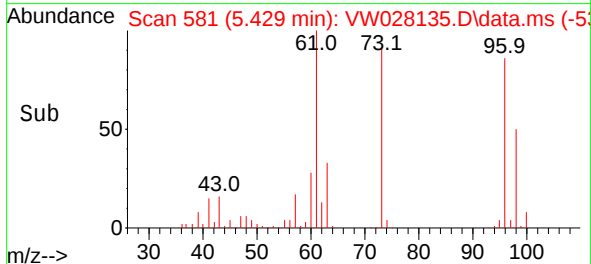
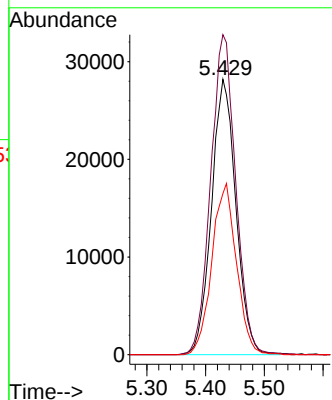
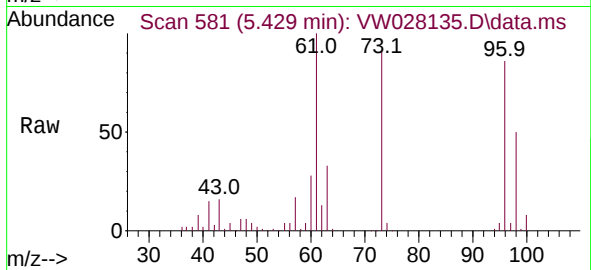
Tgt Ion: 96 Resp: 81533

Ion Ratio Lower Upper

96 100

61 116.2 82.6 153.4

98 58.5 44.7 83.1



#18

Methyl tert-butyl Ether

Concen: 24.183 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.006 min

Lab File: VW028135.D

Acq: 08 Mar 2024 08:53

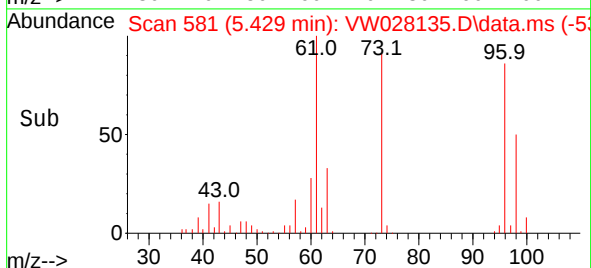
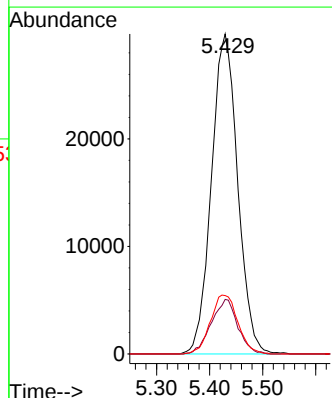
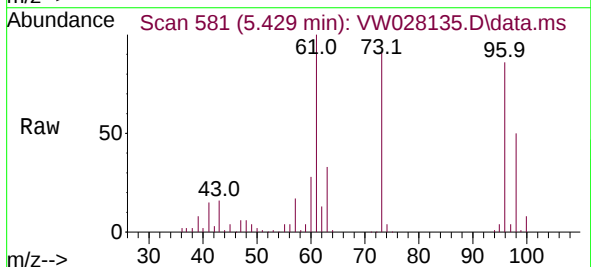
Tgt Ion: 73 Resp: 102397

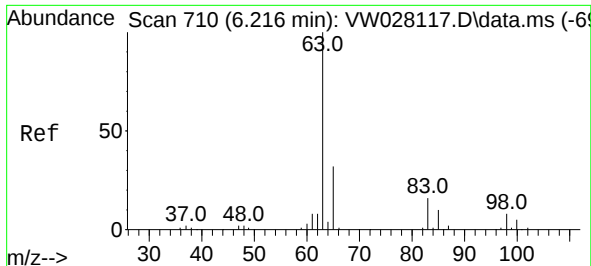
Ion Ratio Lower Upper

73 100

43 17.1 13.3 19.9

57 19.2 15.9 23.9





#19

1,1-Dichloroethane

Concen: 23.502 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW028135.D

Acq: 08 Mar 2024 08:53

Instrument :

MSVOA_W

ClientSampleId :

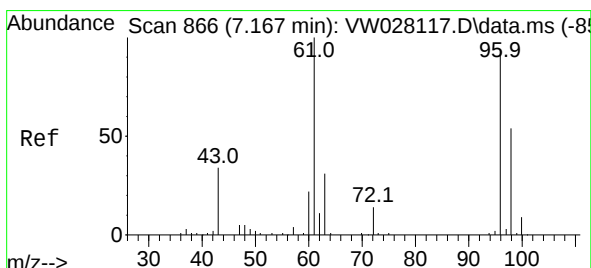
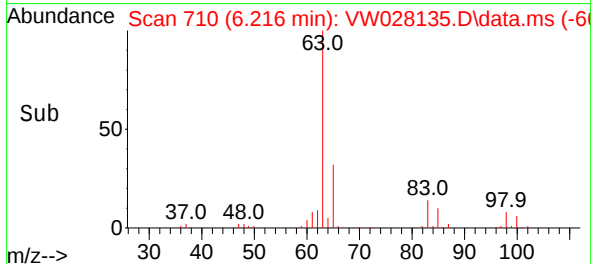
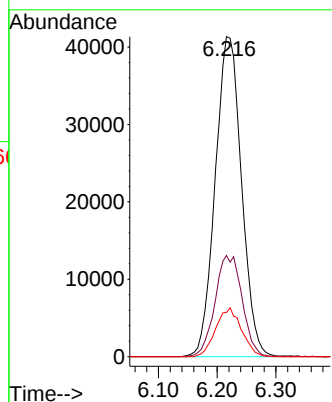
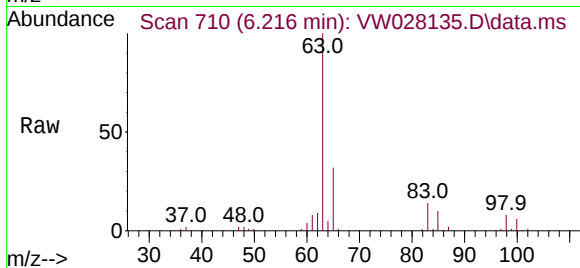
Tgt Ion: 63 Resp: 128482

Ion Ratio Lower Upper

63 100

65 31.6 23.2 43.0

83 13.8 10.2 19.0



#20

cis-1,2-Dichloroethene

Concen: 23.852 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW028135.D

Acq: 08 Mar 2024 08:53

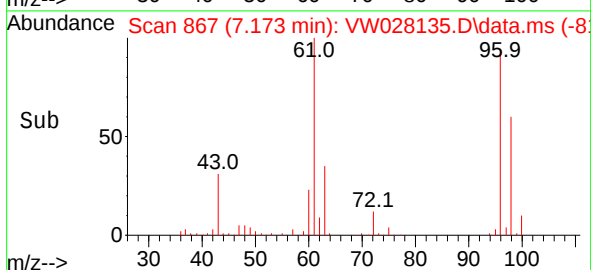
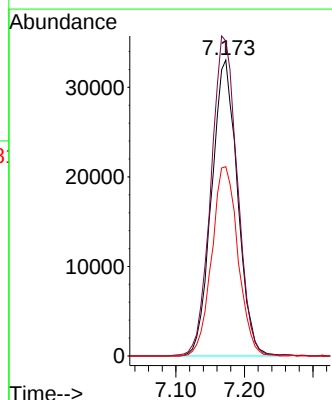
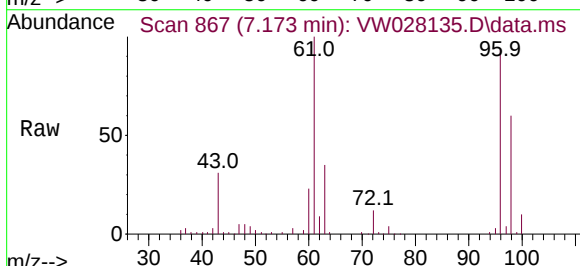
Tgt Ion: 96 Resp: 86787

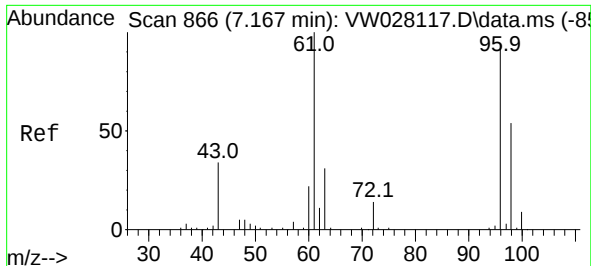
Ion Ratio Lower Upper

96 100

61 106.4 75.5 140.1

98 64.0 43.8 81.4





#22

2-Butanone

Concen: 44.926 ug/L

RT: 7.167 min Scan# 866

Delta R.T. 0.000 min

Lab File: VW028135.D

Acq: 08 Mar 2024 08:53

Instrument :

MSVOA_W

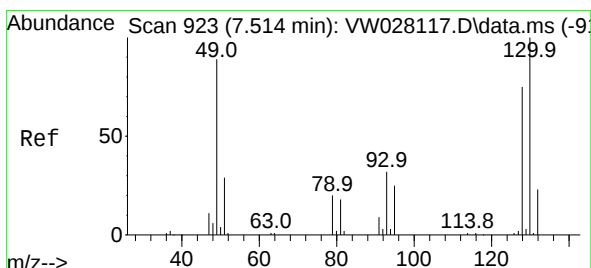
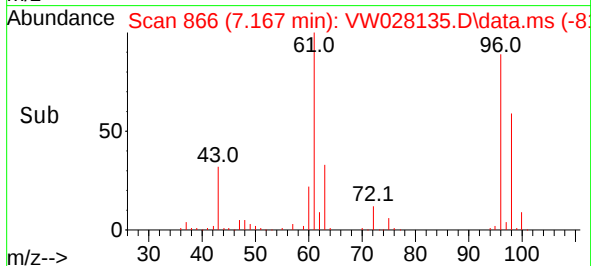
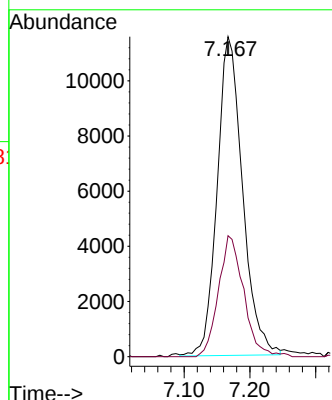
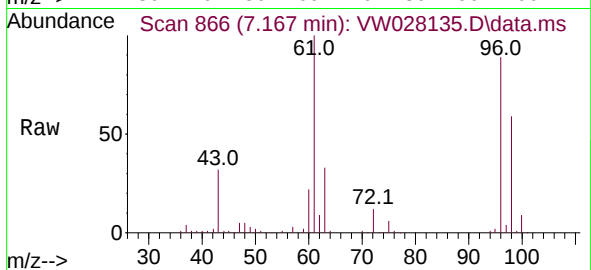
ClientSampleId :

Tgt Ion: 43 Resp: 31085

Ion Ratio Lower Upper

43 100

72 37.2 18.4 55.0



#23

Bromochloromethane

Concen: 23.541 ug/L

RT: 7.520 min Scan# 924

Delta R.T. 0.006 min

Lab File: VW028135.D

Acq: 08 Mar 2024 08:53

Tgt Ion: 128 Resp: 40212

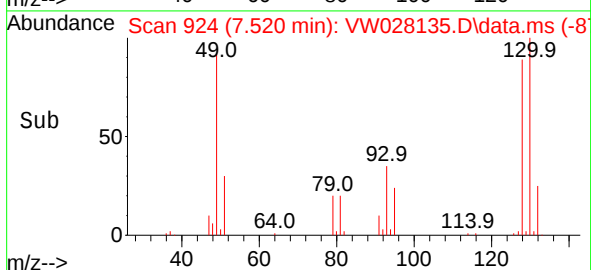
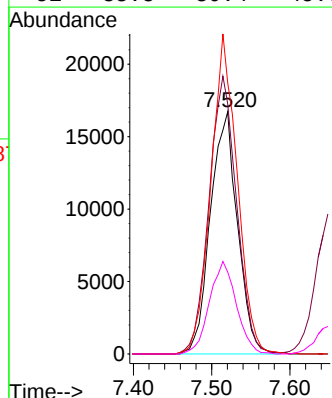
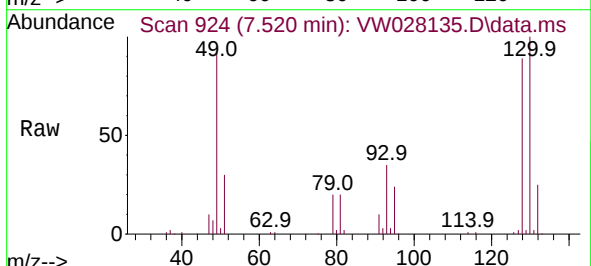
Ion Ratio Lower Upper

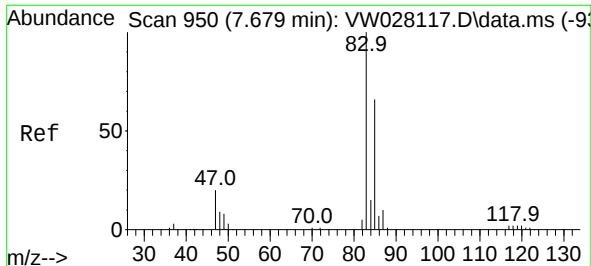
128 100

49 103.3 84.4 156.8

130 111.9 91.1 169.3

51 33.8 30.4 45.6





#25

Chloroform

Concen: 24.179 ug/L

RT: 7.679 min Scan# 950

Delta R.T. 0.000 min

Lab File: VW028135.D

Acq: 08 Mar 2024 08:53

Instrument :

MSVOA_W

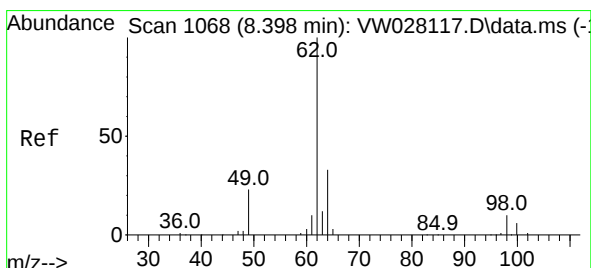
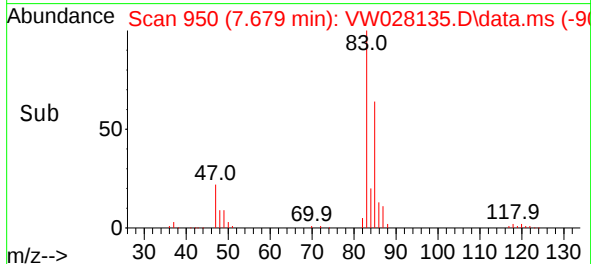
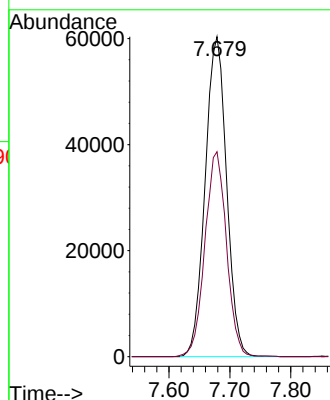
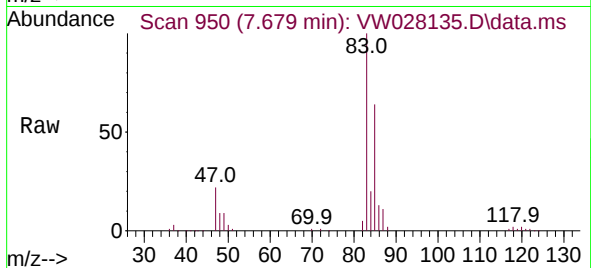
ClientSampleId :

Tgt Ion: 83 Resp: 147640

Ion Ratio Lower Upper

83 100

85 64.1 46.5 86.5



#27

1,2-Dichloroethane

Concen: 24.228 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW028135.D

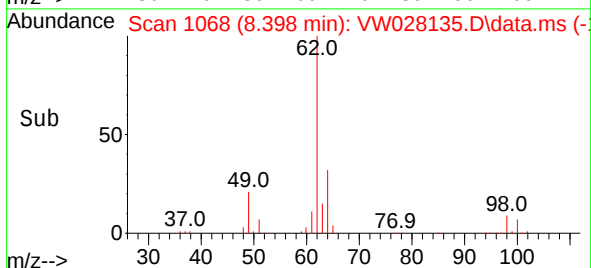
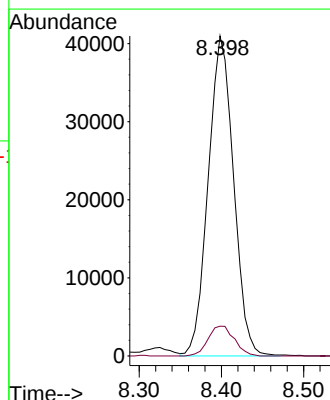
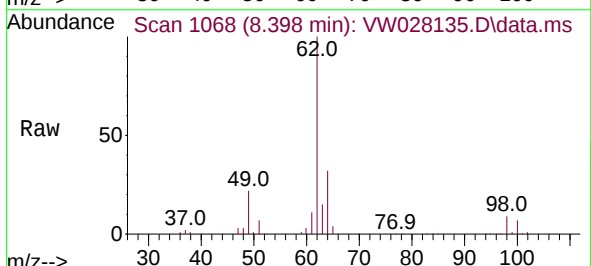
Acq: 08 Mar 2024 08:53

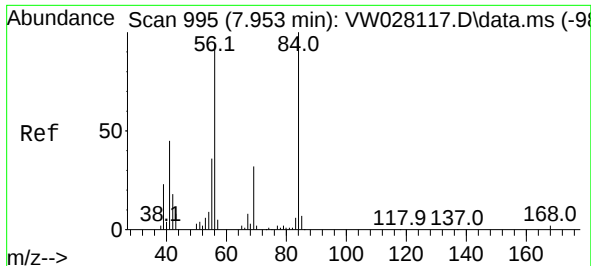
Tgt Ion: 62 Resp: 87969

Ion Ratio Lower Upper

62 100

98 9.3 8.2 12.4





#29

Cyclohexane

Concen: 23.733 ug/L

RT: 7.959 min Scan# 995

Delta R.T. 0.006 min

Lab File: VW028135.D

Acq: 08 Mar 2024 08:53

Instrument :

MSVOA_W

ClientSampleId :

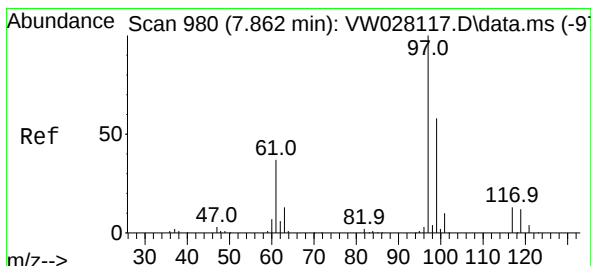
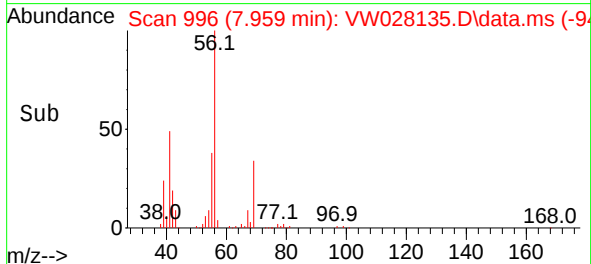
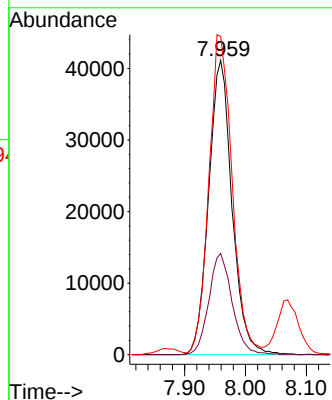
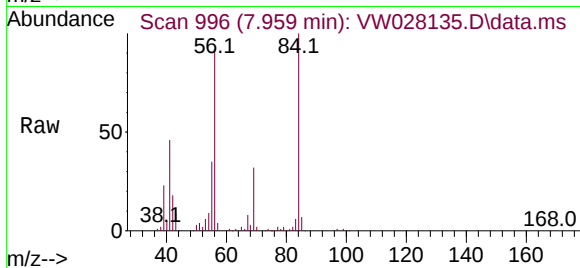
Tgt Ion: 56 Resp: 109568

Ion Ratio Lower Upper

56 100

69 34.3 27.6 41.4

84 108.5 86.6 129.8



#30

1,1,1-Trichloroethane

Concen: 24.538 ug/L

RT: 7.868 min Scan# 981

Delta R.T. 0.006 min

Lab File: VW028135.D

Acq: 08 Mar 2024 08:53

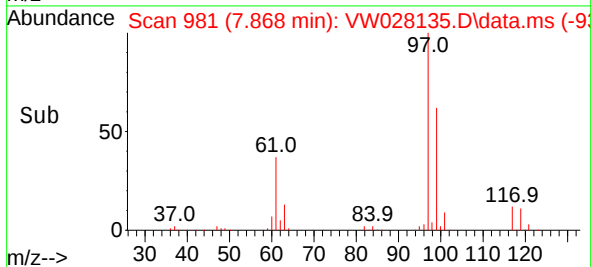
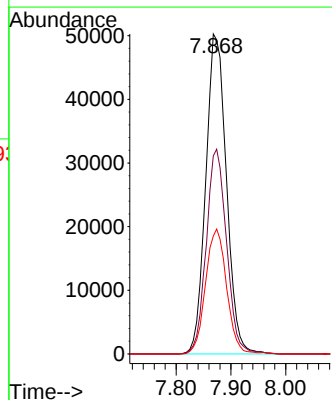
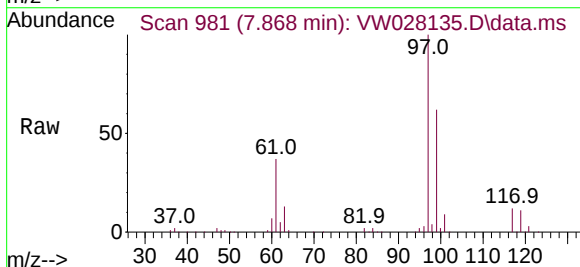
Tgt Ion: 97 Resp: 131533

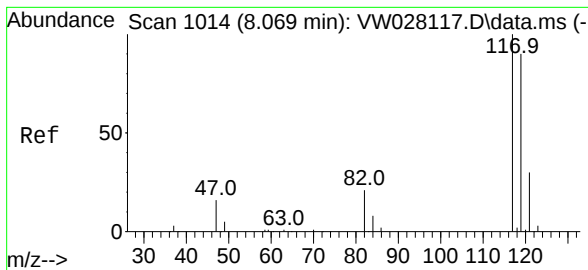
Ion Ratio Lower Upper

97 100

99 63.2 51.3 76.9

61 39.7 31.8 47.6

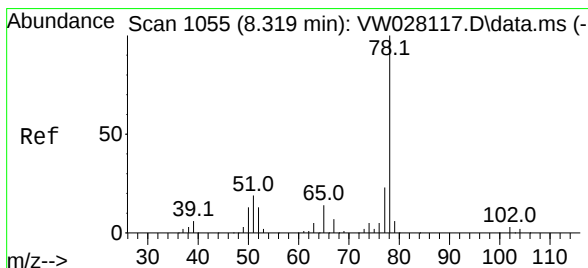
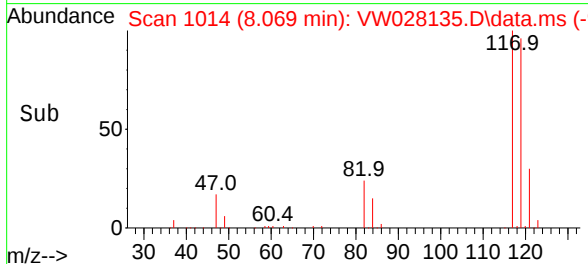
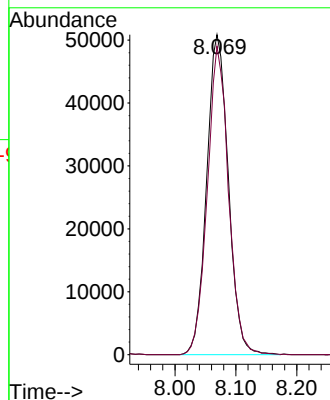
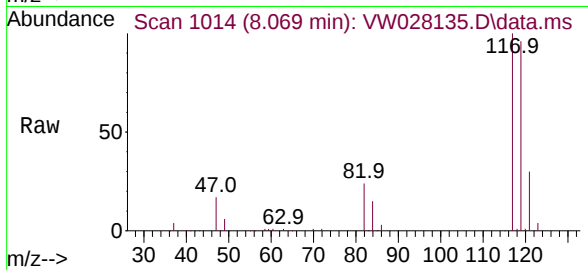




#31
Carbon tetrachloride
Concen: 25.134 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW028135.D
Acq: 08 Mar 2024 08:53

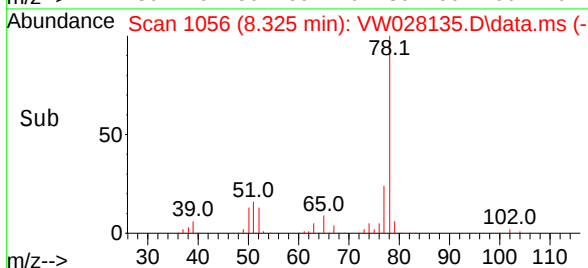
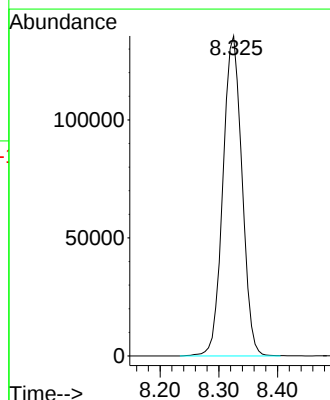
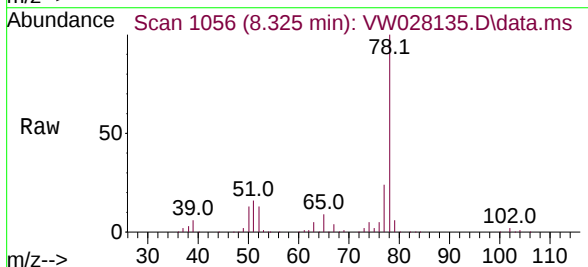
Instrument :
MSVOA_W
ClientSampleId :

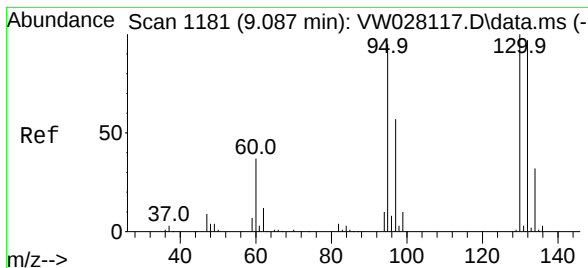
Tgt Ion:117 Resp: 125814
Ion Ratio Lower Upper
117 100
119 94.4 76.8 115.2



#33
Benzene
Concen: 23.566 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VW028135.D
Acq: 08 Mar 2024 08:53

Tgt Ion: 78 Resp: 305662





#34

Trichloroethene

Concen: 23.092 ug/L

RT: 9.093 min Scan# 1181

Delta R.T. 0.006 min

Lab File: VW028135.D

Acq: 08 Mar 2024 08:53

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 87757

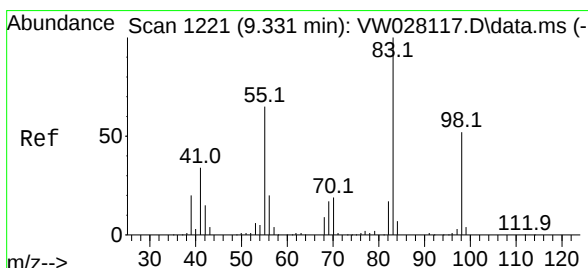
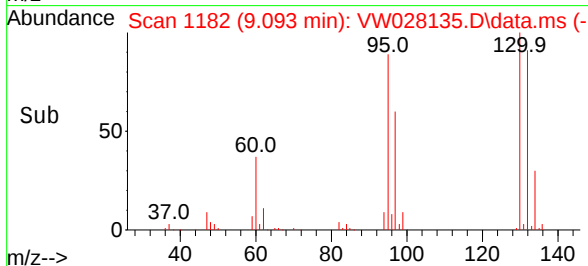
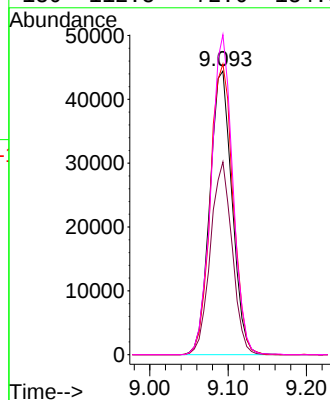
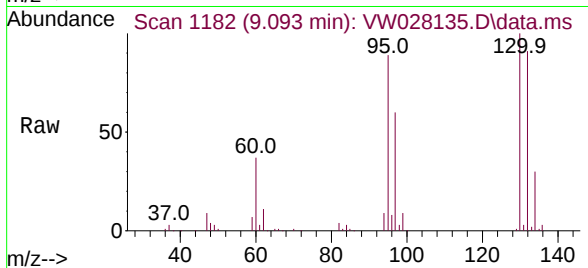
Ion Ratio Lower Upper

95 100

97 68.0 44.5 82.7

132 102.5 68.3 126.9

130 112.8 72.6 134.8



#35

Methylcyclohexane

Concen: 24.410 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW028135.D

Acq: 08 Mar 2024 08:53

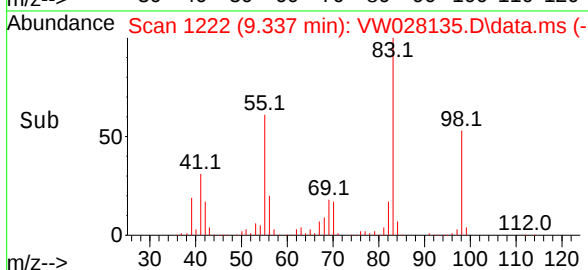
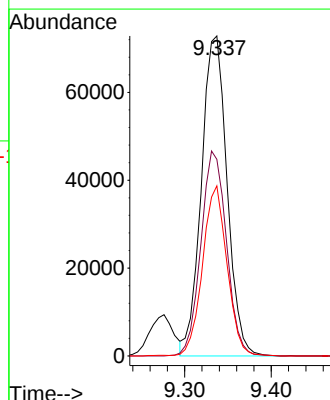
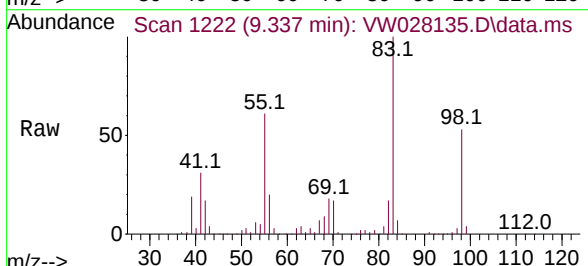
Tgt Ion: 83 Resp: 150143

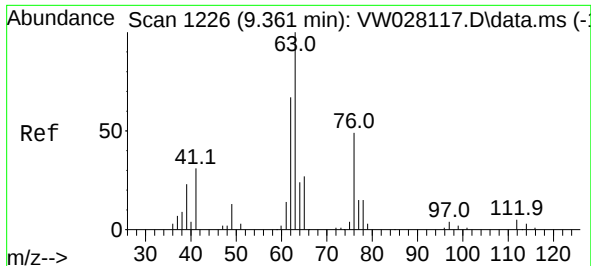
Ion Ratio Lower Upper

83 100

55 63.8 52.1 78.1

98 50.7 42.2 63.4





#37

1,2-Dichloropropane

Concen: 23.063 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VW028135.D

Acq: 08 Mar 2024 08:53

Instrument :

MSVOA_W

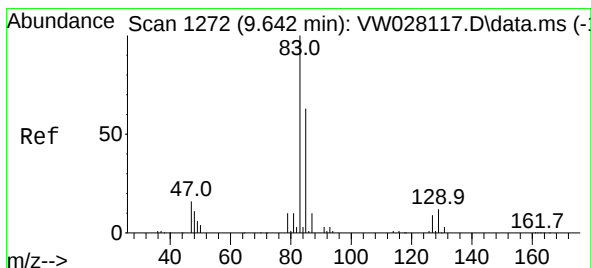
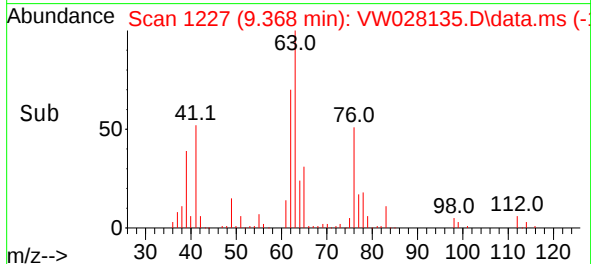
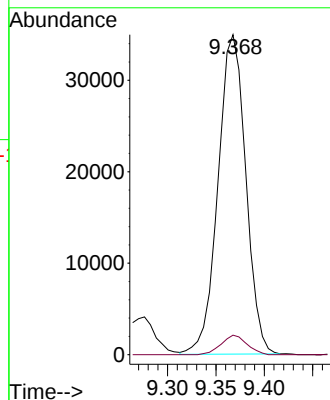
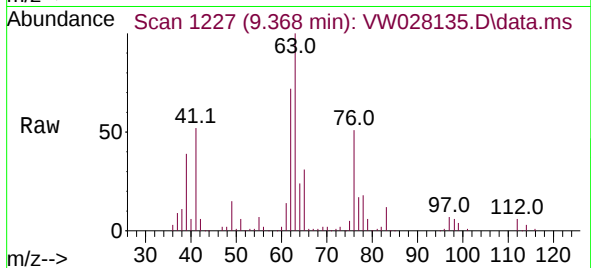
ClientSampleId :

Tgt Ion: 63 Resp: 69661

Ion Ratio Lower Upper

63 100

112 5.7 4.4 6.6



#38

Bromodichloromethane

Concen: 23.346 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW028135.D

Acq: 08 Mar 2024 08:53

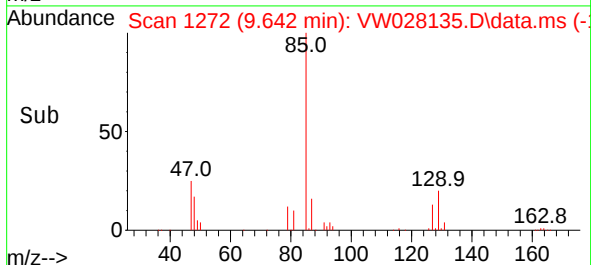
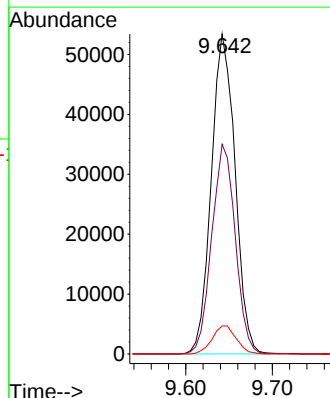
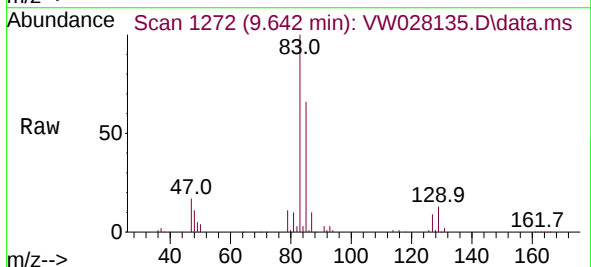
Tgt Ion: 83 Resp: 101852

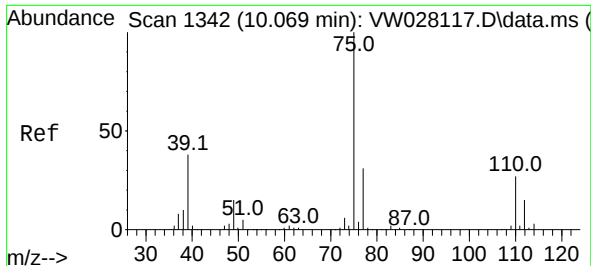
Ion Ratio Lower Upper

83 100

85 65.5 43.3 80.5

127 8.7 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 23.652 ug/L

RT: 10.075 min Scan# 1342

Delta R.T. 0.006 min

Lab File: VW028135.D

Acq: 08 Mar 2024 08:53

Instrument :

MSVOA_W

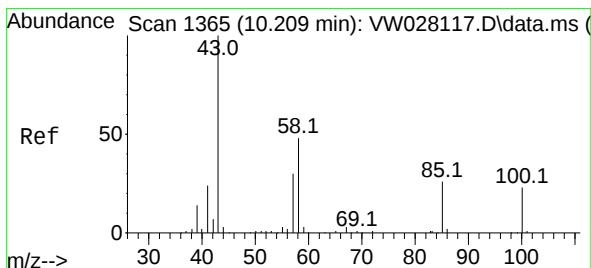
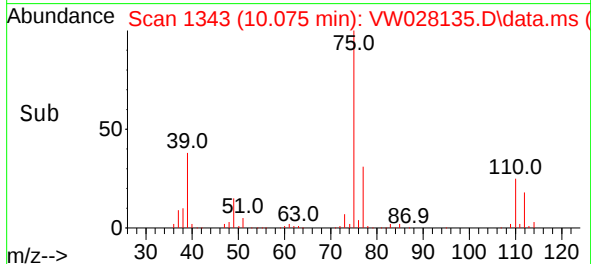
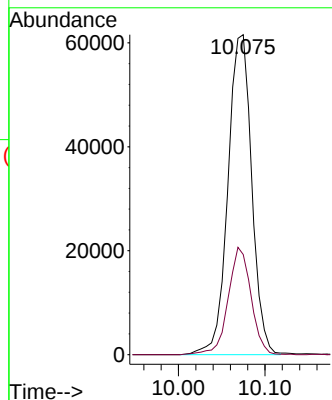
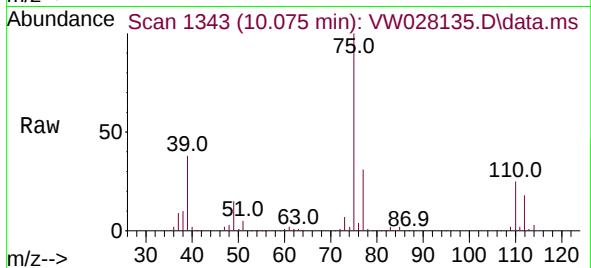
ClientSampleId :

Tgt Ion: 75 Resp: 117482

Ion Ratio Lower Upper

75 100

77 31.3 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 48.907 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW028135.D

Acq: 08 Mar 2024 08:53

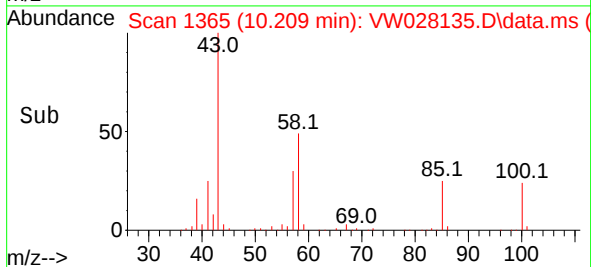
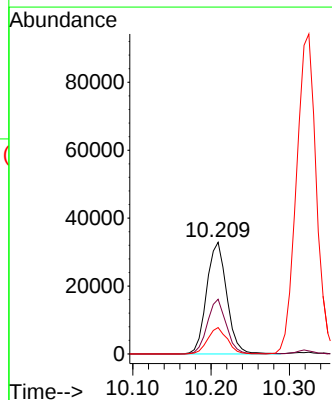
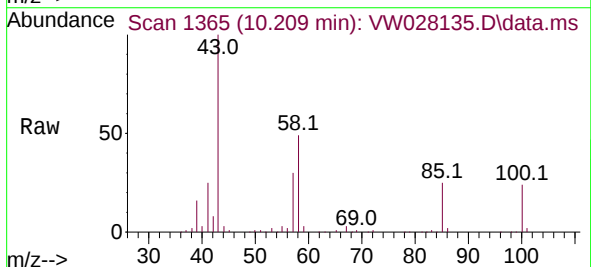
Tgt Ion: 43 Resp: 58673

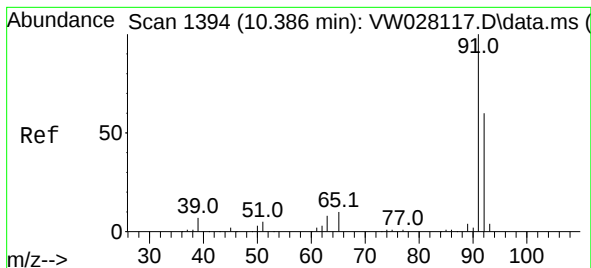
Ion Ratio Lower Upper

43 100

58 46.0 37.8 56.8

100 23.0 18.2 27.4





#42

Toluene

Concen: 23.900 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW028135.D

Acq: 08 Mar 2024 08:53

Instrument :

MSVOA_W

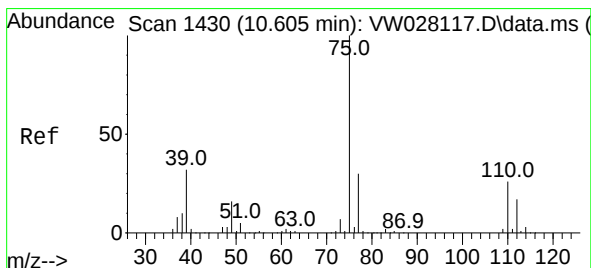
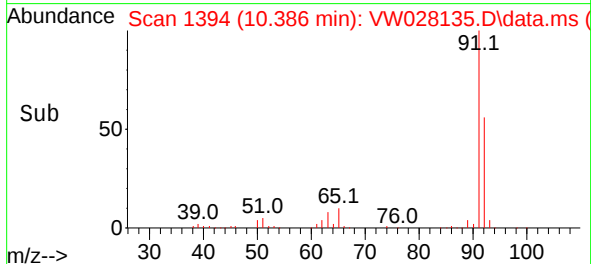
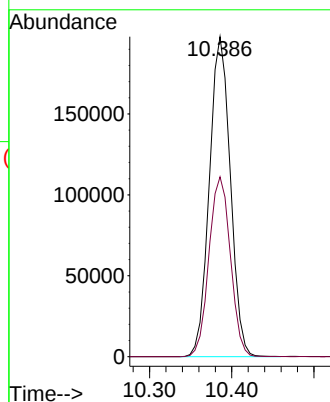
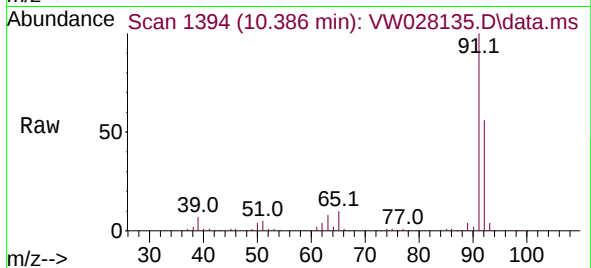
ClientSampleId :

Tgt Ion: 91 Resp: 350268

Ion Ratio Lower Upper

91 100

92 56.2 39.0 72.4



#44

trans-1,3-Dichloropropene

Concen: 23.853 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW028135.D

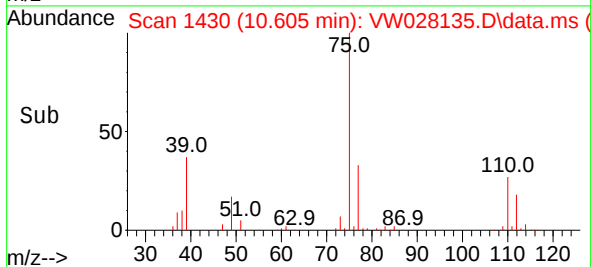
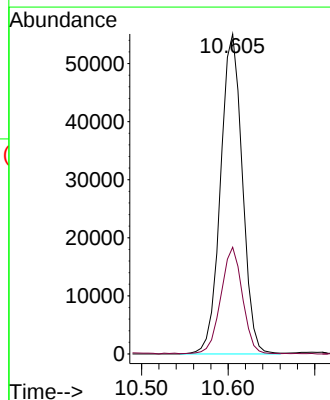
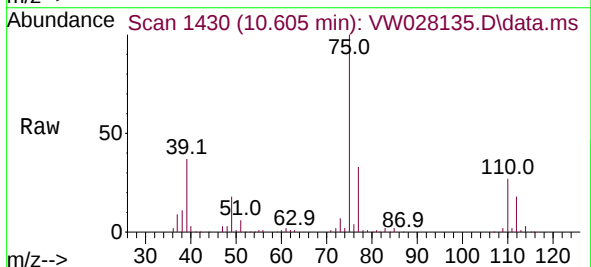
Acq: 08 Mar 2024 08:53

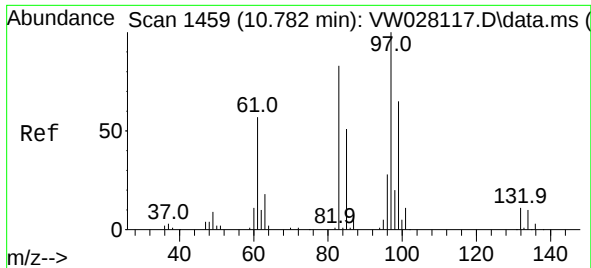
Tgt Ion: 75 Resp: 96249

Ion Ratio Lower Upper

75 100

77 33.4 22.9 42.5





#45

1,1,2-Trichloroethane

Concen: 23.088 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VW028135.D

Acq: 08 Mar 2024 08:53

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 58484

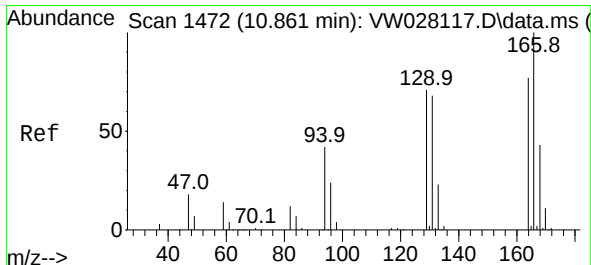
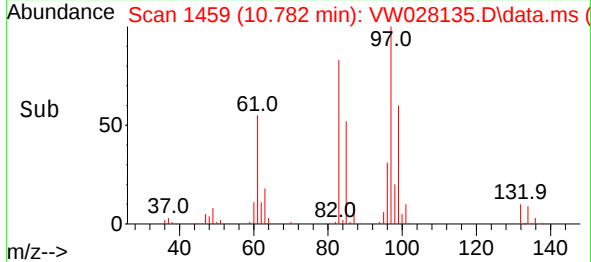
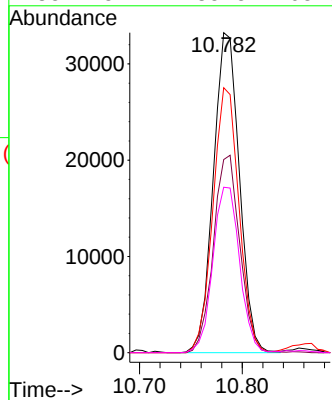
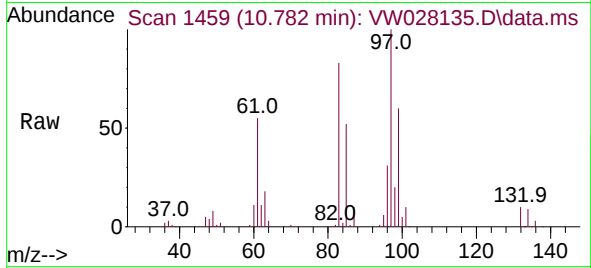
Ion Ratio Lower Upper

97 100

99 60.3 41.9 77.7

83 82.8 56.1 104.1

85 51.7 35.5 65.9



#46

Tetrachloroethene

Concen: 24.086 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW028135.D

Acq: 08 Mar 2024 08:53

Tgt Ion:164 Resp: 76717

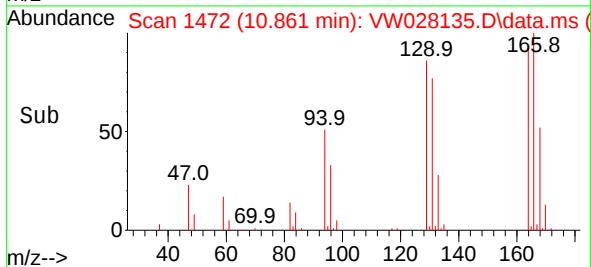
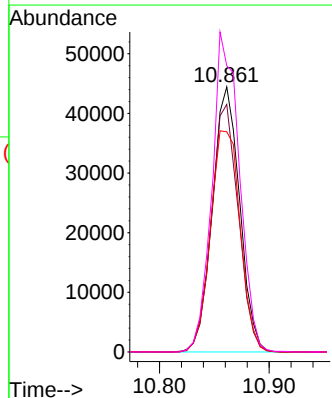
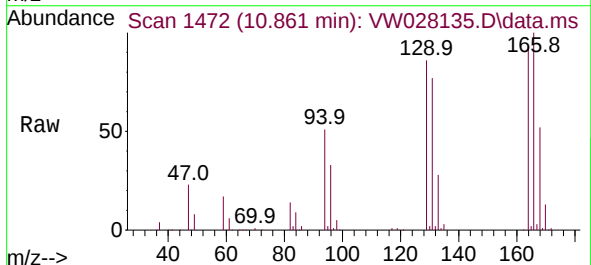
Ion Ratio Lower Upper

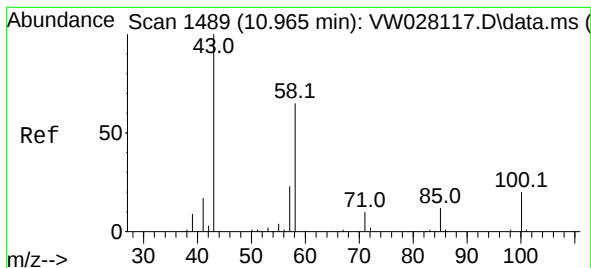
164 100

129 93.4 65.2 121.0

131 83.0 66.2 123.0

166 107.9 82.8 153.8





#48

2-Hexanone

Concen: 48.630 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VW028135.D

Acq: 08 Mar 2024 08:53

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 43 Resp: 47172

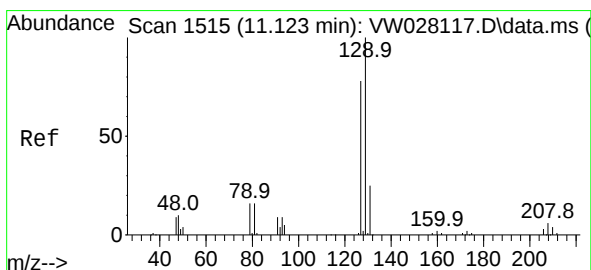
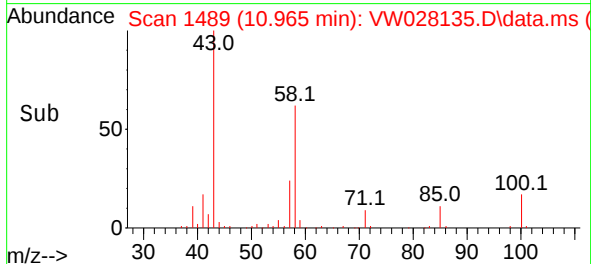
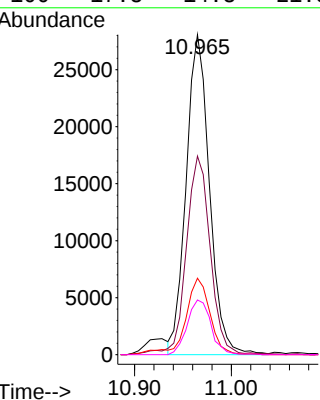
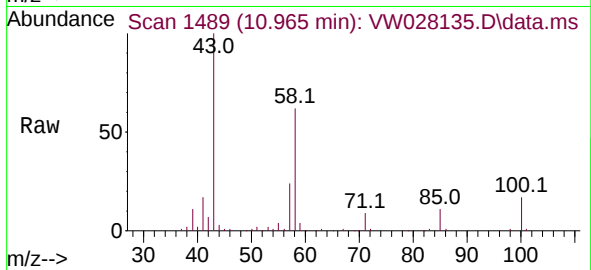
Ion Ratio Lower Upper

43 100

58 62.4 51.8 77.8

57 23.1 18.2 27.4

100 17.3 14.3 21.5



#49

Dibromochloromethane

Concen: 23.681 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. 0.000 min

Lab File: VW028135.D

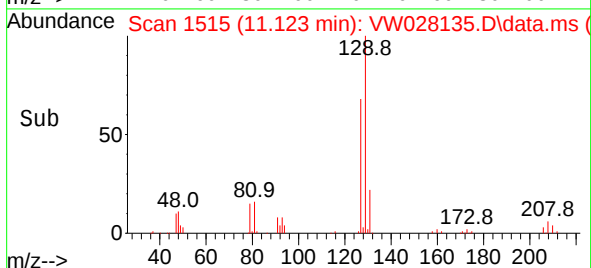
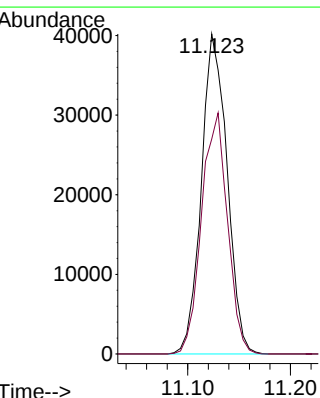
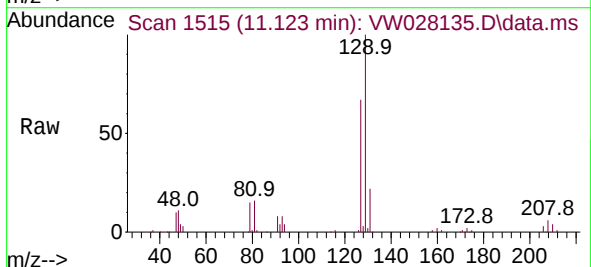
Acq: 08 Mar 2024 08:53

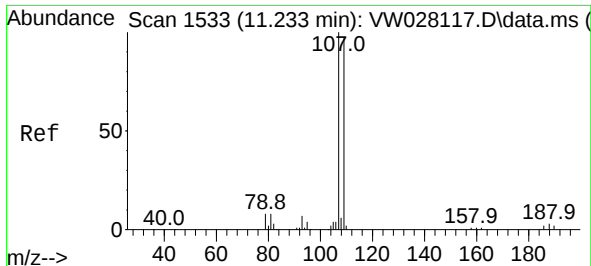
Tgt Ion:129 Resp: 69736

Ion Ratio Lower Upper

129 100

127 67.1 57.1 106.1





#50

1,2-Dibromoethane

Concen: 23.336 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

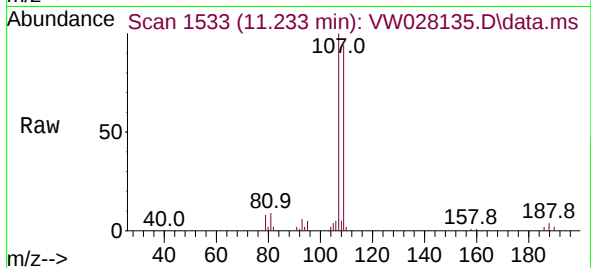
Lab File: VW028135.D

Acq: 08 Mar 2024 08:53

Instrument :

MSVOA_W

ClientSampleId :



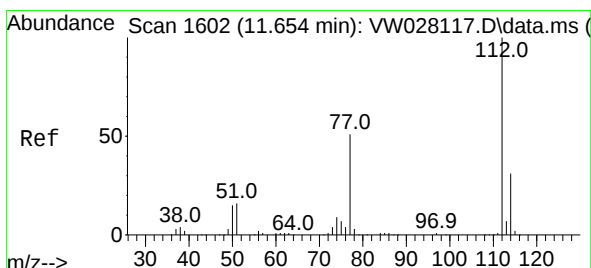
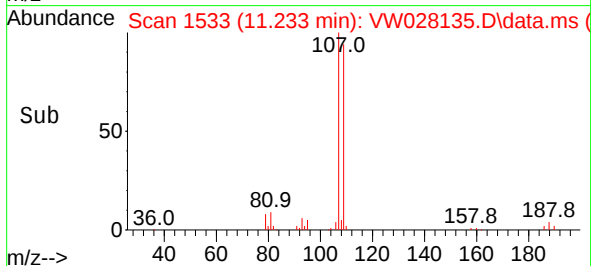
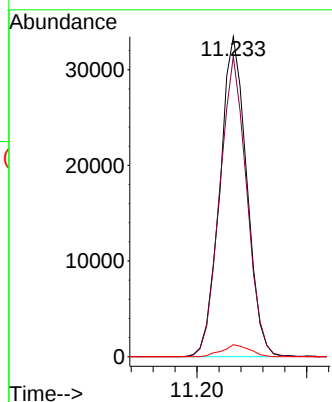
Tgt Ion:107 Resp: 56936

Ion Ratio Lower Upper

107 100

109 93.9 67.5 125.3

188 3.8 3.1 4.7



#51

Chlorobenzene

Concen: 23.183 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW028135.D

Acq: 08 Mar 2024 08:53

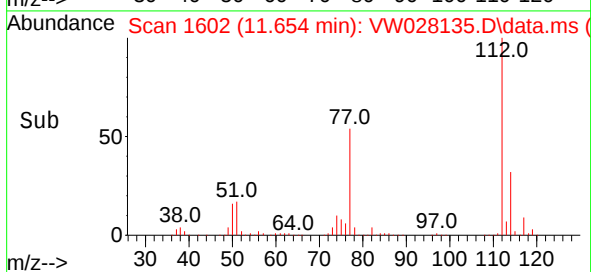
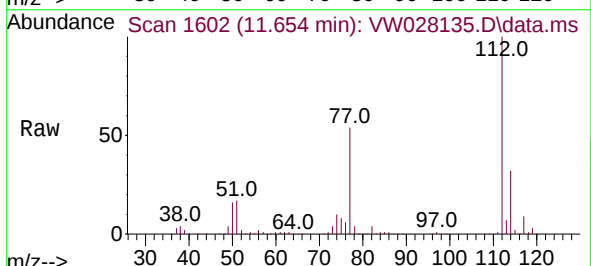
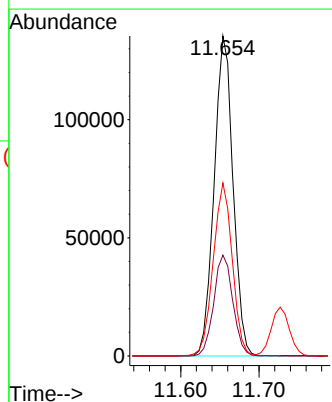
Tgt Ion:112 Resp: 226701

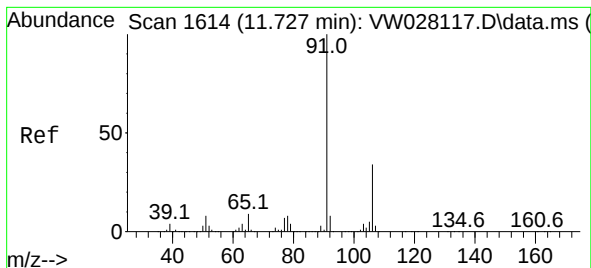
Ion Ratio Lower Upper

112 100

114 31.5 20.6 38.4

77 54.0 40.0 60.0

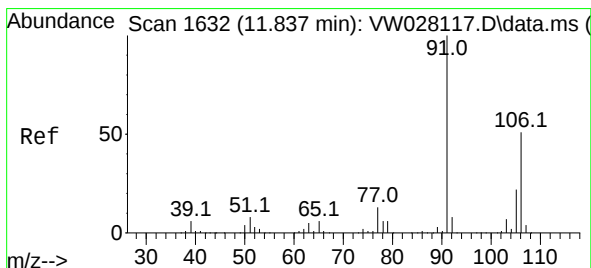
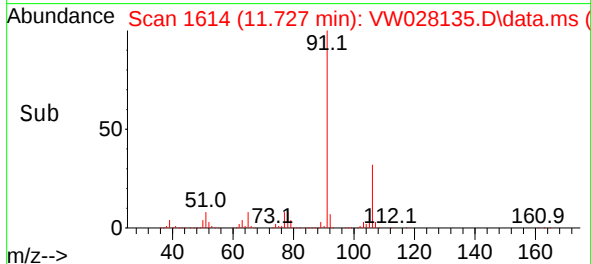
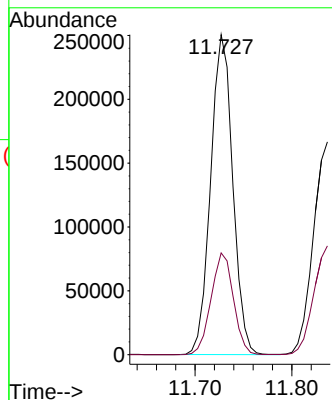
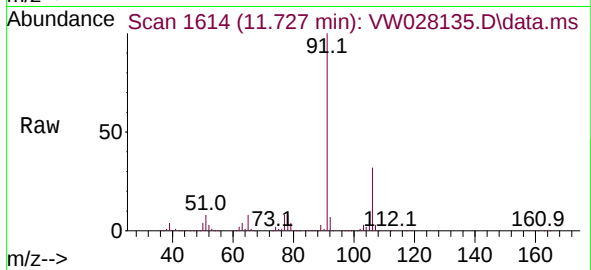




#52
Ethylbenzene
Concen: 23.747 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW028135.D
Acq: 08 Mar 2024 08:53

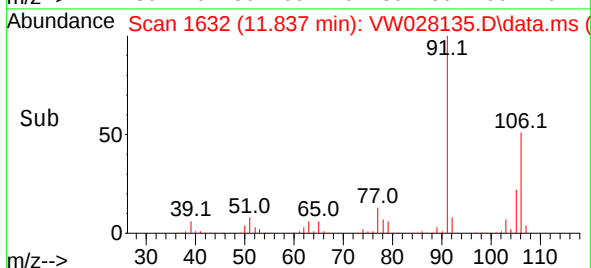
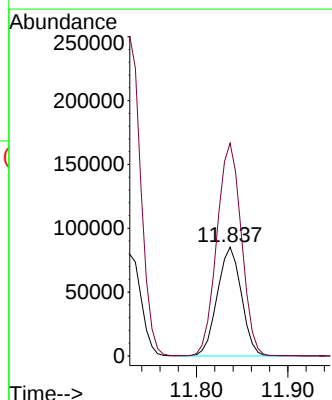
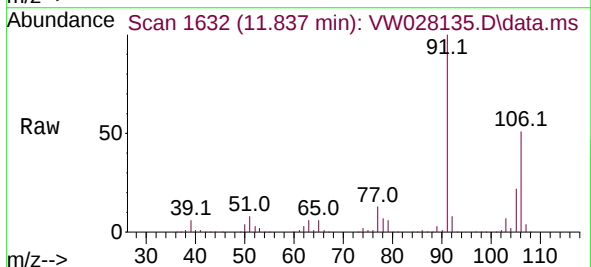
Instrument :
MSVOA_W
ClientSampleId :

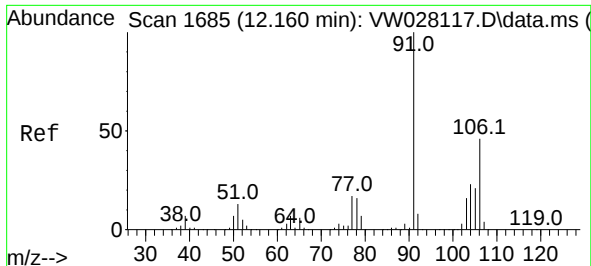
Tgt Ion: 91 Resp: 397897
Ion Ratio Lower Upper
91 100
106 31.8 23.8 44.2



#53
m,p-Xylene
Concen: 24.014 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW028135.D
Acq: 08 Mar 2024 08:53

Tgt Ion:106 Resp: 156116
Ion Ratio Lower Upper
106 100
91 195.5 139.7 259.4

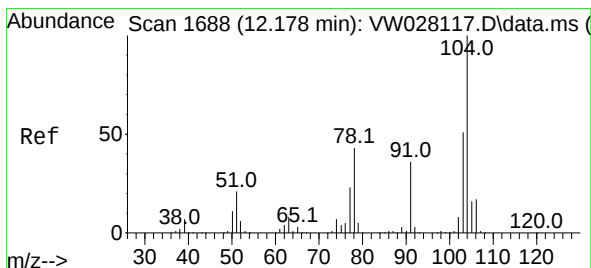
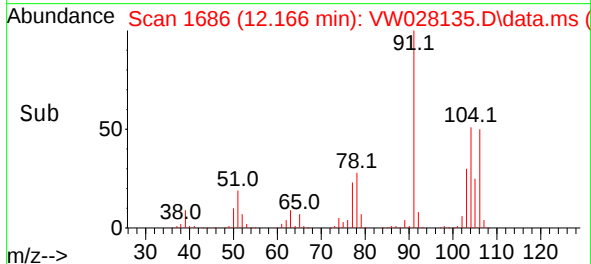
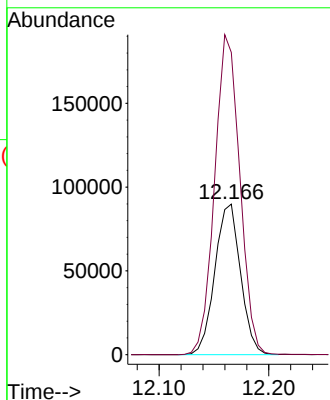
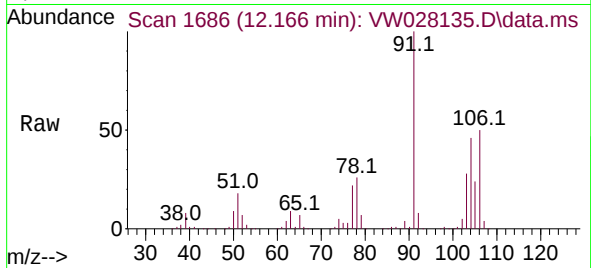




#54
o-Xylene
Concen: 23.774 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW028135.D
Acq: 08 Mar 2024 08:53

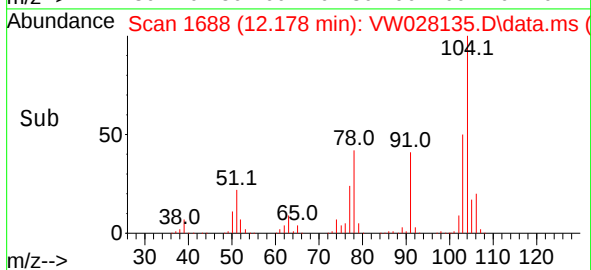
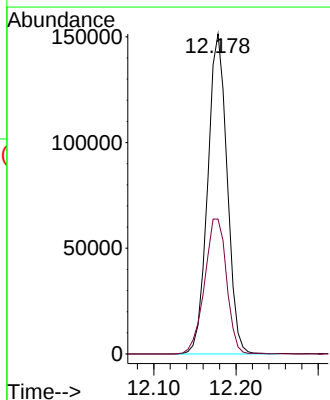
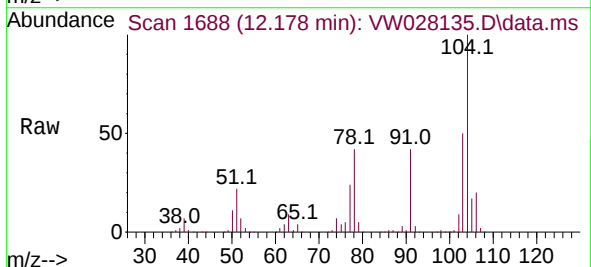
Instrument :
MSVOA_W
ClientSampleId :

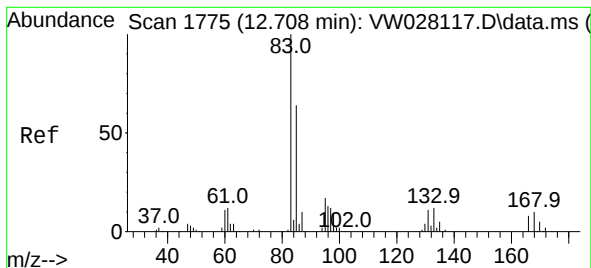
Tgt Ion:106 Resp: 146273
Ion Ratio Lower Upper
106 100
91 200.8 145.2 269.6



#55
Styrene
Concen: 23.678 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW028135.D
Acq: 08 Mar 2024 08:53

Tgt Ion:104 Resp: 248448
Ion Ratio Lower Upper
104 100
78 42.2 29.1 54.1

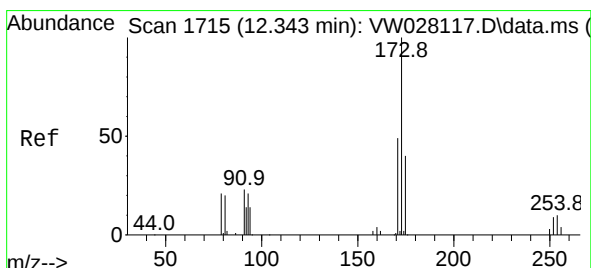
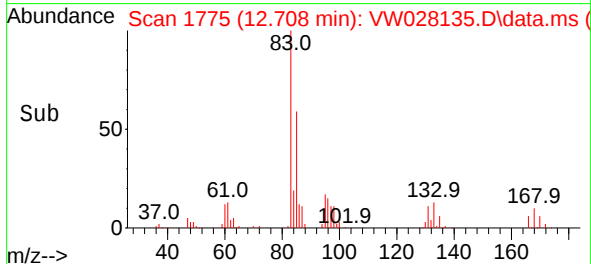
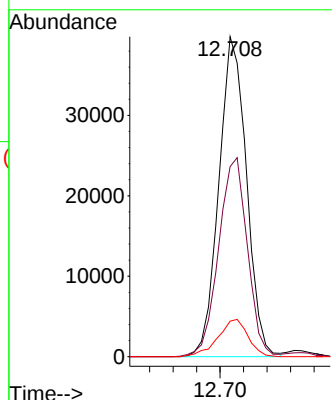
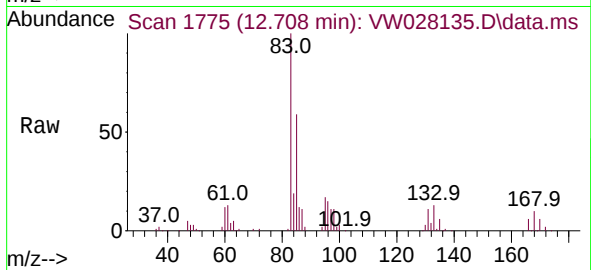




#57
1,1,2,2-Tetrachloroethane
Concen: 23.788 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VW028135.D
Acq: 08 Mar 2024 08:53

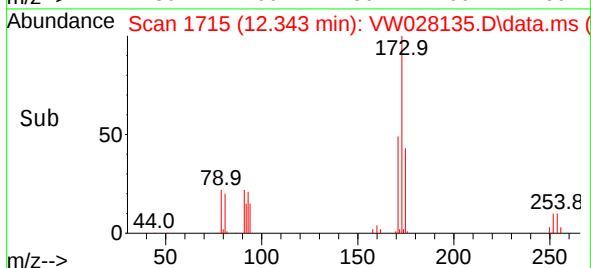
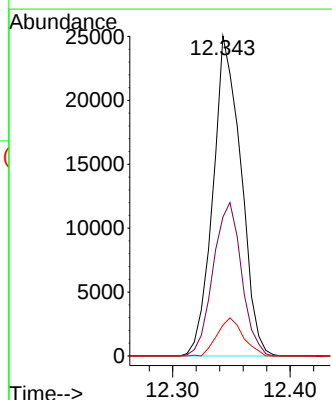
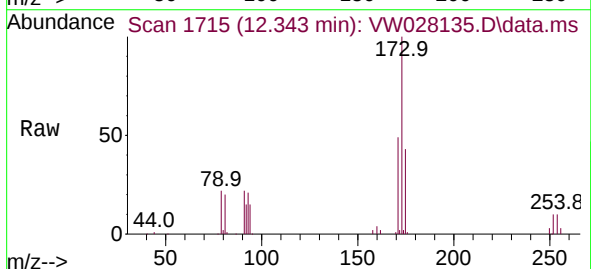
Instrument :
MSVOA_W
ClientSampleId :

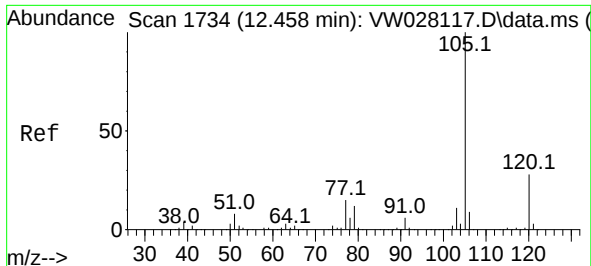
Tgt Ion: 83 Resp: 64974
Ion Ratio Lower Upper
83 100
85 59.4 45.7 84.9
131 11.1 9.7 14.5



#59
Bromoform
Concen: 23.088 ug/L
RT: 12.343 min Scan# 1715
Delta R.T. 0.000 min
Lab File: VW028135.D
Acq: 08 Mar 2024 08:53

Tgt Ion:173 Resp: 41319
Ion Ratio Lower Upper
173 100
175 48.8 37.2 55.8
254 11.0 8.5 12.7





#60

Isopropylbenzene

Concen: 23.754 ug/L

RT: 12.459 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028135.D

Acq: 08 Mar 2024 08:53

Instrument :

MSVOA_W

ClientSampleId :

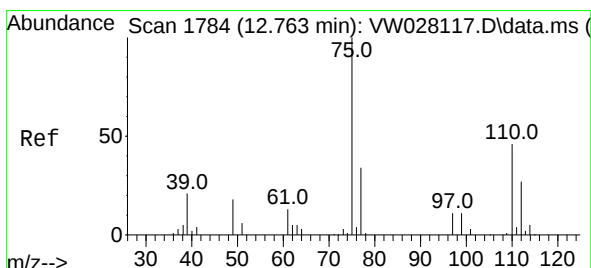
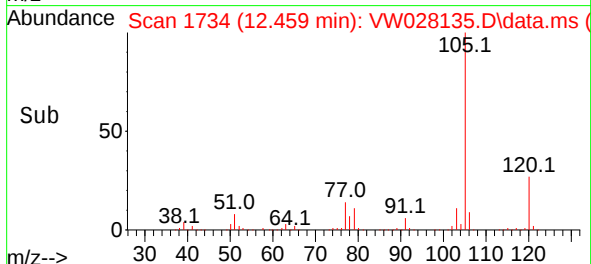
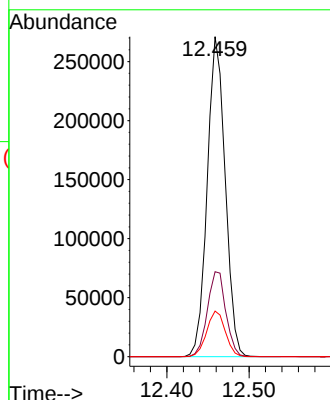
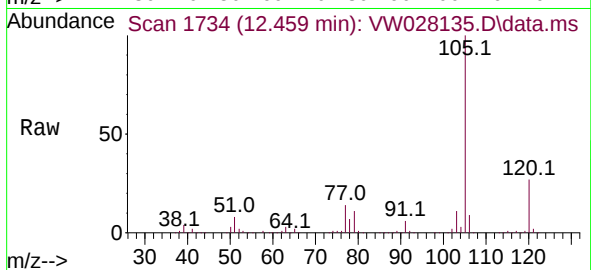
Tgt Ion:105 Resp: 411400

Ion Ratio Lower Upper

105 100

120 27.3 22.2 33.2

77 14.8 11.8 17.6



#61

1,2,3-Trichloropropane

Concen: 22.856 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW028135.D

Acq: 08 Mar 2024 08:53

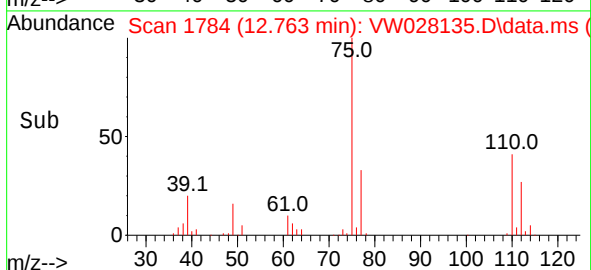
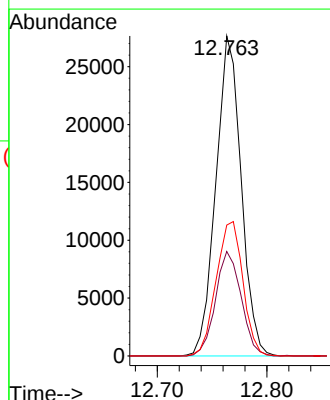
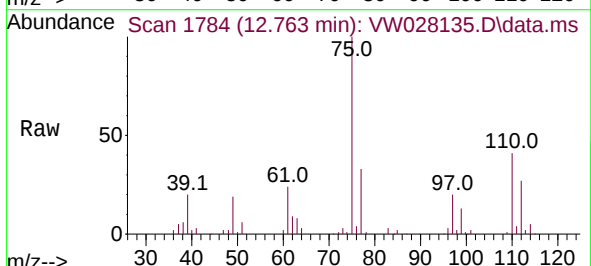
Tgt Ion: 75 Resp: 44354

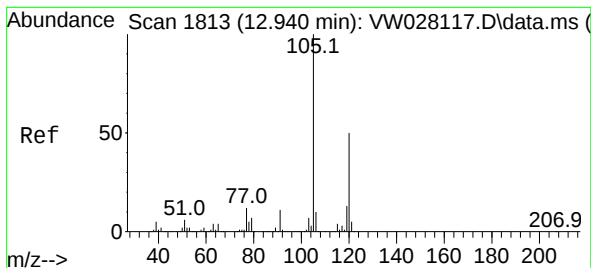
Ion Ratio Lower Upper

75 100

77 33.1 25.9 38.9

110 44.4 34.1 51.1

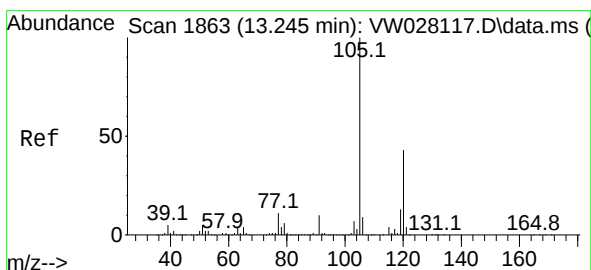
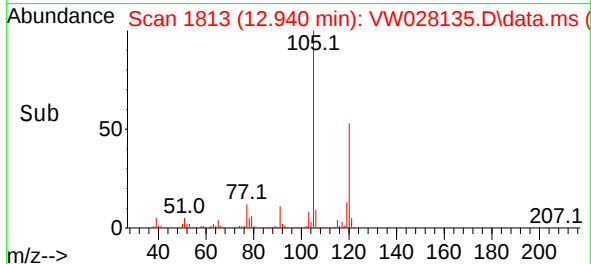
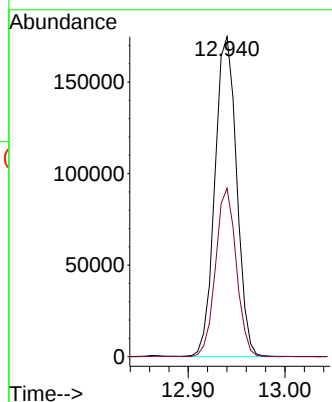
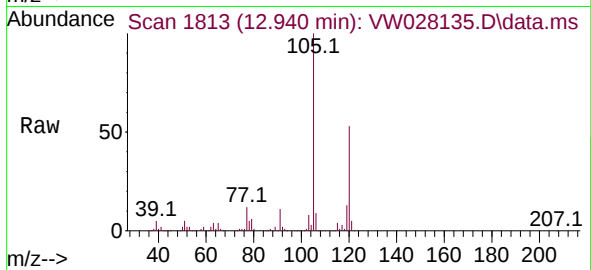




#62
1,3,5-Trimethylbenzene
Concen: 24.083 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW028135.D
Acq: 08 Mar 2024 08:53

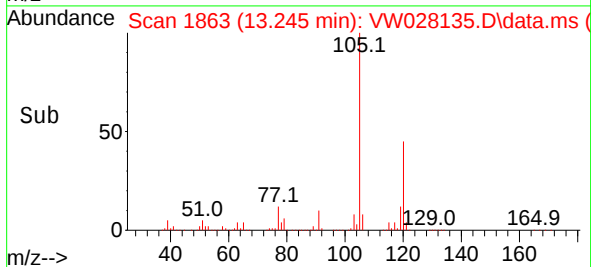
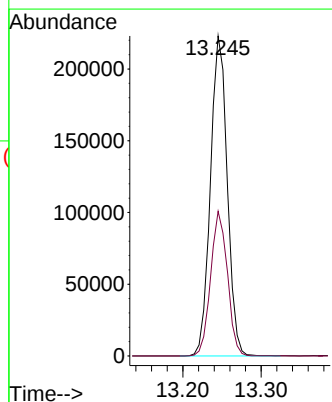
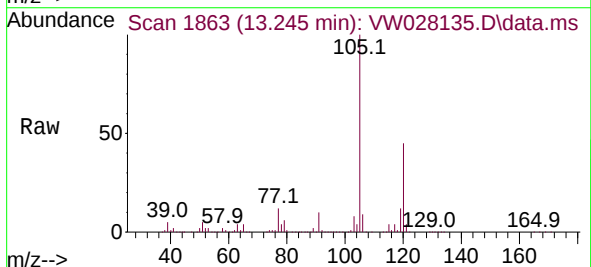
Instrument :
MSVOA_W
ClientSampleId :

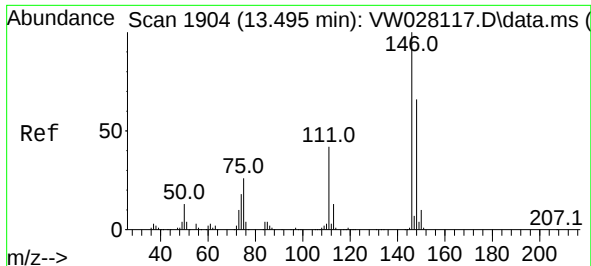
Tgt Ion:105 Resp: 273465
Ion Ratio Lower Upper
105 100
120 50.0 38.6 58.0



#63
1,2,4-Trimethylbenzene
Concen: 24.526 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW028135.D
Acq: 08 Mar 2024 08:53

Tgt Ion:105 Resp: 332101
Ion Ratio Lower Upper
105 100
120 45.0 36.4 54.6

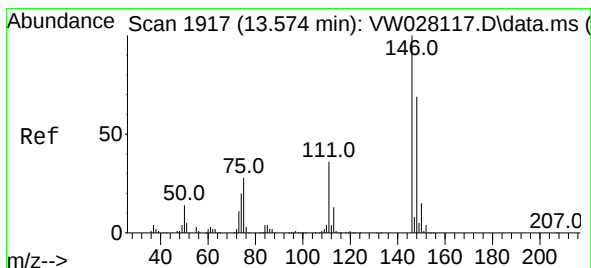
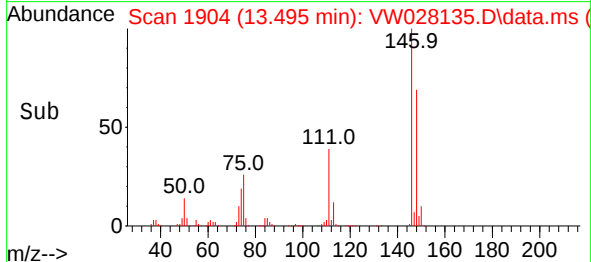
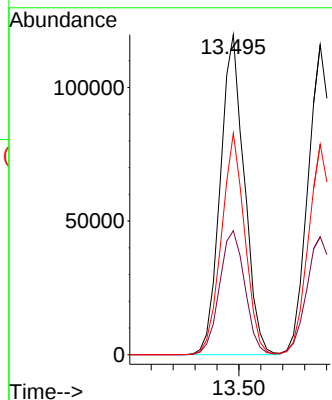
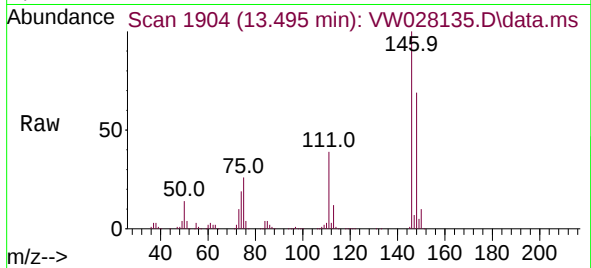




#64
1,3-Dichlorobenzene
Concen: 22.776 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW028135.D
Acq: 08 Mar 2024 08:53

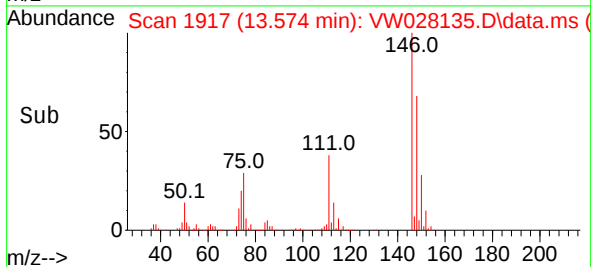
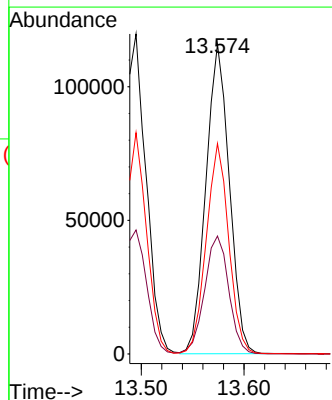
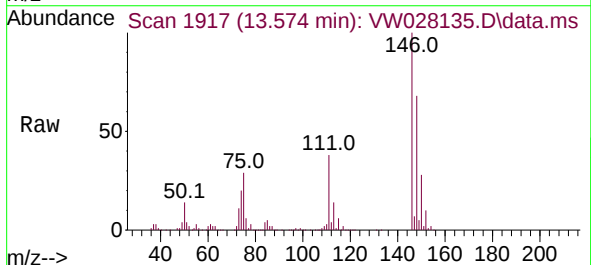
Instrument :
MSVOA_W
ClientSampleId :

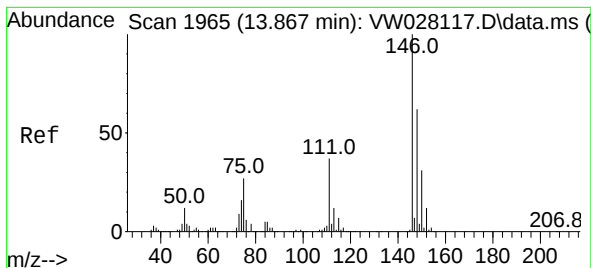
Tgt Ion:146 Resp: 182300
Ion Ratio Lower Upper
146 100
111 38.8 27.9 51.9
148 69.1 38.7 71.9



#65
1,4-Dichlorobenzene
Concen: 22.731 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW028135.D
Acq: 08 Mar 2024 08:53

Tgt Ion:146 Resp: 183680
Ion Ratio Lower Upper
146 100
111 38.1 29.3 54.5
148 67.9 47.5 88.1

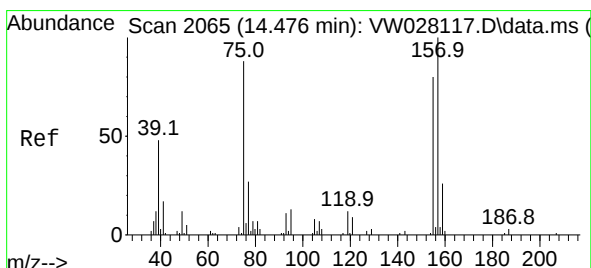
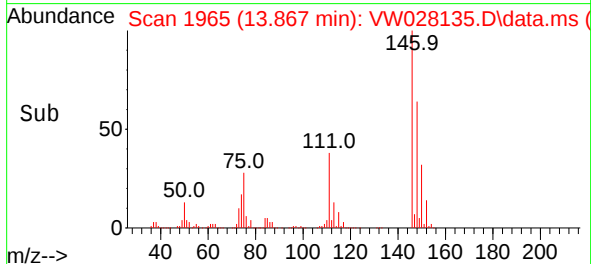
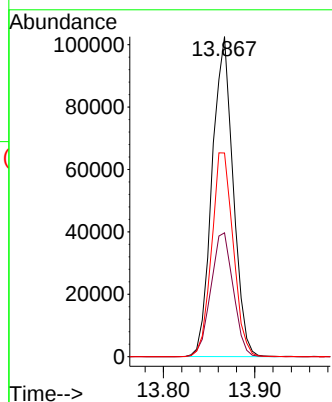
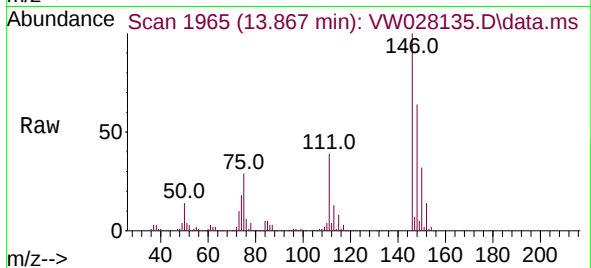




#67
1,2-Dichlorobenzene
Concen: 22.781 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW028135.D
Acq: 08 Mar 2024 08:53

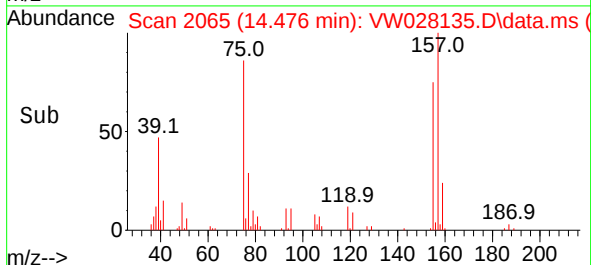
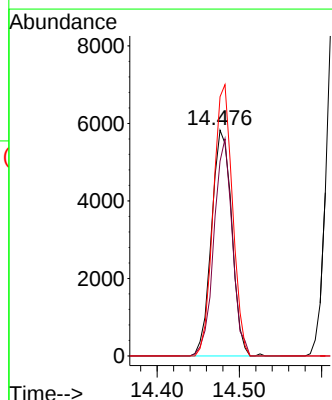
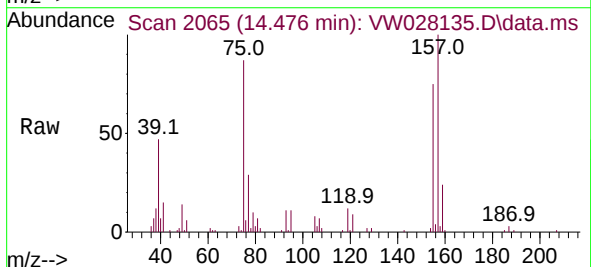
Instrument :
MSVOA_W
ClientSampleId :

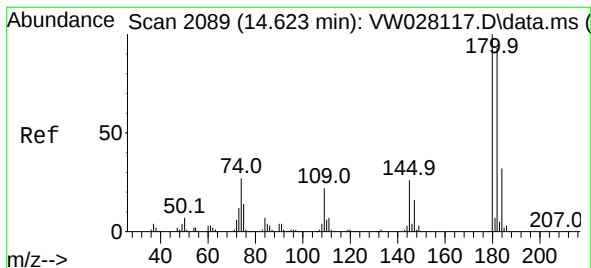
Tgt Ion:146 Resp: 164246
Ion Ratio Lower Upper
146 100
111 38.7 35.4 53.0
148 63.7 55.4 83.2



#68
1,2-Dibromo-3-chloropropane
Concen: 24.392 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW028135.D
Acq: 08 Mar 2024 08:53

Tgt Ion: 75 Resp: 9942
Ion Ratio Lower Upper
75 100
155 86.3 69.3 103.9
157 114.9 82.4 123.6





#69

1,3,5-Trichlorobenzene

Concen: 22.758 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

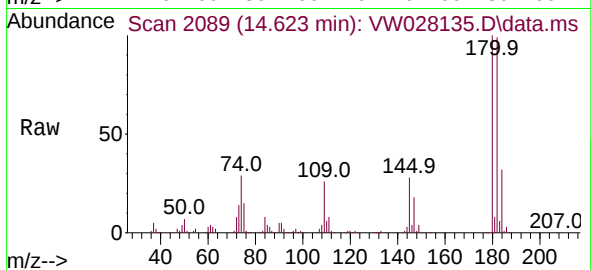
Lab File: VW028135.D

Acq: 08 Mar 2024 08:53

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 134423

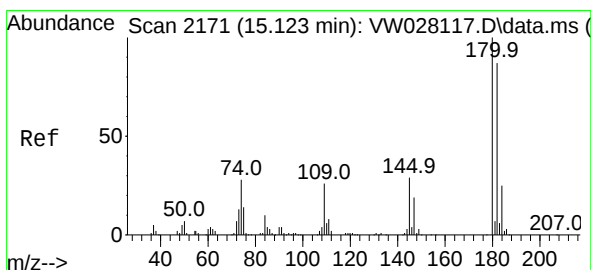
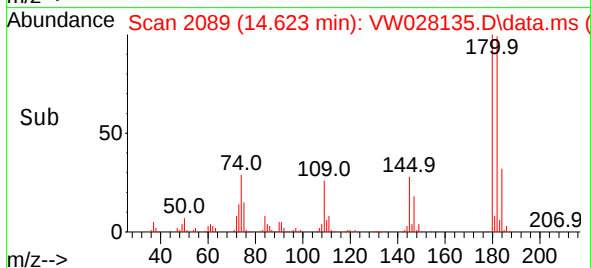
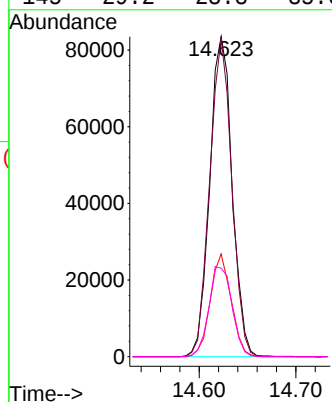
Ion Ratio Lower Upper

180 100

182 97.6 78.2 117.4

184 29.9 25.4 38.2

145 29.2 23.8 35.6



#70

1,2,4-trichlorobenzene

Concen: 22.623 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW028135.D

Acq: 08 Mar 2024 08:53

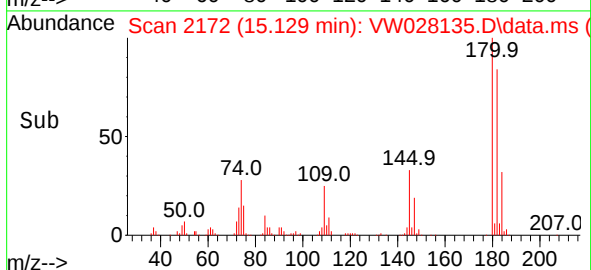
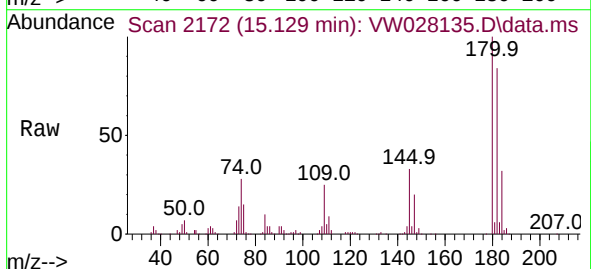
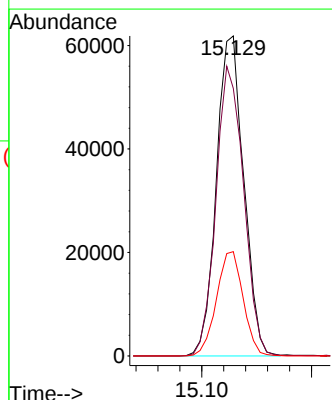
Tgt Ion:180 Resp: 107312

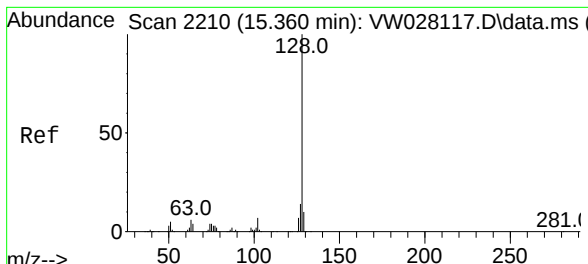
Ion Ratio Lower Upper

180 100

182 91.3 80.1 120.1

145 31.7 24.3 36.5

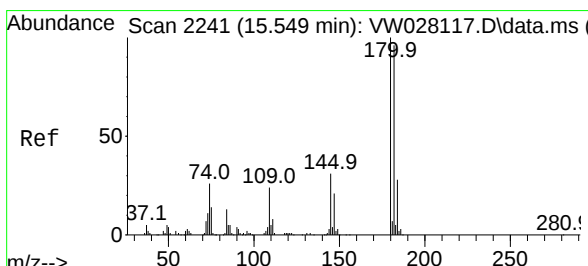
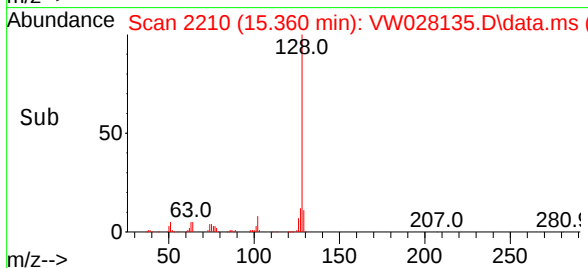
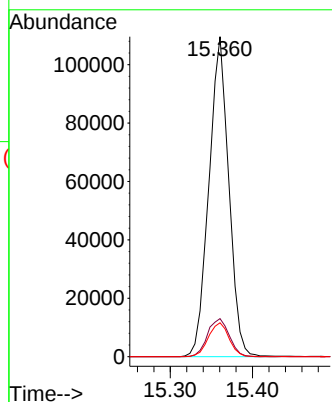
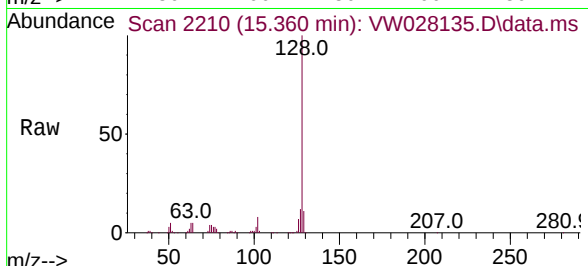




#71
Naphthalene
Concen: 23.716 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW028135.D
Acq: 08 Mar 2024 08:53

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 183989
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 11.0 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 23.286 ug/L
RT: 15.543 min Scan# 2240
Delta R.T. -0.006 min
Lab File: VW028135.D
Acq: 08 Mar 2024 08:53

Tgt Ion:180 Resp: 92371
Ion Ratio Lower Upper
180 100
182 96.4 81.4 122.2
145 31.1 26.2 39.2

