

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030624\
 Data File : VW028106.D
 Acq On : 06 Mar 2024 09:00
 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 07 00:13:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Mar 05 23:58:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	257996	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.623	117	235111	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	129440	25.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.369	65	77598	25.196	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 100.800%	
7) Chloroethane-d5	2.905	69	64828	27.173	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 108.680%	
11) 1,1-Dichloroethene-d2	4.027	65	31953	25.400	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 101.600%	
21) 2-Butanone-d5	7.075	46	26003	59.188	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 118.380%	
24) Chloroform-d	7.648	84	149592	27.375	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 109.520%	
26) 1,2-Dichloroethane-d4	8.301	65	71676	28.184	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 112.720%	
32) Benzene-d6	8.276	84	293241	26.718	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 106.880%	
36) 1,2-Dichloropropane-d6	9.270	67	77264	27.246	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 109.000%	
41) Toluene-d8	10.319	98	281615	27.227	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 108.920%	
43) trans-1,3-Dichloroprop...	10.575	79	35843	28.843	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 115.360%	
47) 2-Hexanone-d5	10.922	63	25364	63.501	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 127.000%	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	65128	29.100	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 116.400%	
66) 1,2-Dichlorobenzene-d4	13.849	152	95899	24.912	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 99.640%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.021	85	63420	24.061	ug/L	96
3) Chloromethane	2.229	50	58752	23.443	ug/L	97
5) Vinyl chloride	2.381	62	85000	24.338	ug/L	98
6) Bromomethane	2.790	94	59624	21.399	ug/L	99
8) Chloroethane	2.942	64	54876	25.019	ug/L	98
9) Trichlorofluoromethane	3.271	101	69748	21.411	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	84111	24.836	ug/L #	71
12) 1,1-Dichloroethene	4.051	96	76624	23.891	ug/L	90
13) Acetone	4.119	43	33575	54.676	ug/L	99
14) Carbon disulfide	4.393	76	230069	23.549	ug/L	99
15) Methyl Acetate	4.679	43	22490	25.912	ug/L	98
16) Methylene chloride	4.923	84	81497	22.964	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	80829	23.586	ug/L	93
18) Methyl tert-butyl Ether	5.429	73	100303	23.899	ug/L	100
19) 1,1-Dichloroethane	6.216	63	131828	24.329	ug/L	100
20) cis-1,2-Dichloroethene	7.167	96	86309	23.931	ug/L	95
22) 2-Butanone	7.167	43	35942	52.408	ug/L	99
23) Bromochloromethane	7.508	128	39311	23.218	ug/L	94
25) Chloroform	7.679	83	147178	24.318	ug/L	99

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 Quant Title : SFAM01.0
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 Response via : Initial Calibration

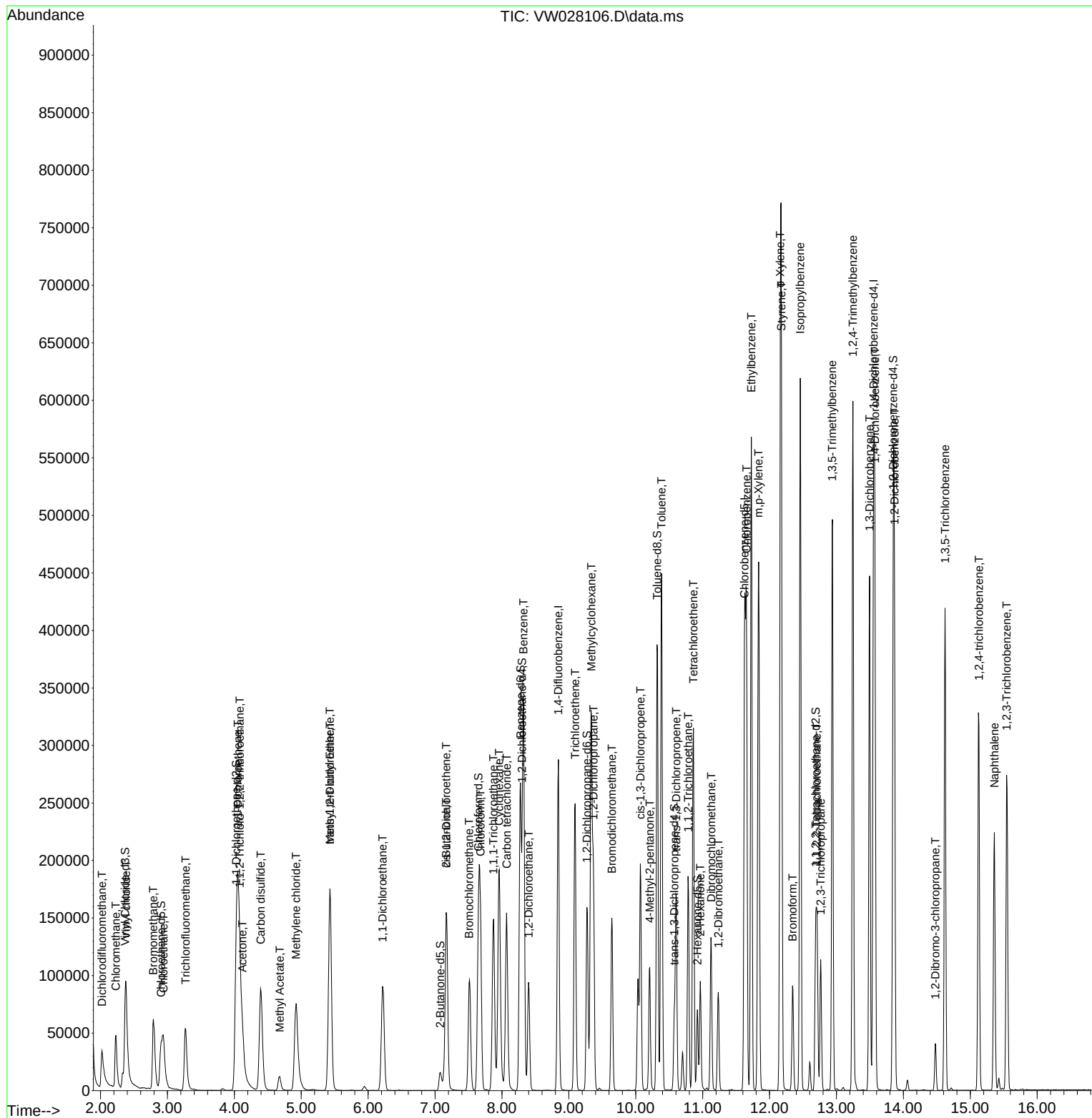
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	88618	24.624	ug/L	97
29) Cyclohexane	7.959	56	111929	24.757	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	126479	24.094	ug/L	98
31) Carbon tetrachloride	8.069	117	122878	25.067	ug/L	97
33) Benzene	8.319	78	316732	24.936	ug/L	100
34) Trichloroethene	9.093	95	86736	23.306	ug/L	92
35) Methylcyclohexane	9.337	83	150967	25.063	ug/L	99
37) 1,2-Dichloropropane	9.368	63	71588	24.202	ug/L	99
38) Bromodichloromethane	9.642	83	104305	24.414	ug/L	96
39) cis-1,3-Dichloropropene	10.069	75	122308	25.145	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	62933	53.567	ug/L	99
42) Toluene	10.386	91	352557	24.565	ug/L	90
44) trans-1,3-Dichloropropene	10.605	75	100790	25.507	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	60834	24.523	ug/L	97
46) Tetrachloroethene	10.861	164	73919	23.699	ug/L	91
48) 2-Hexanone	10.965	43	53175	55.977	ug/L	99
49) Dibromochloromethane	11.129	129	72379	25.098	ug/L	84
50) 1,2-Dibromoethane	11.233	107	59466	24.889	ug/L	95
51) Chlorobenzene	11.654	112	235607	24.603	ug/L	96
52) Ethylbenzene	11.727	91	402716	24.543	ug/L	98
53) m,p-Xylene	11.837	106	155325	24.398	ug/L	93
54) o-Xylene	12.160	106	147879	24.544	ug/L	91
55) Styrene	12.178	104	253990	24.718	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	65741	24.578	ug/L	98
59) Bromoform	12.343	173	41079	22.386	ug/L #	90
60) Isopropylbenzene	12.459	105	405620	22.842	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	46630	23.435	ug/L	96
62) 1,3,5-Trimethylbenzene	12.934	105	275094	23.628	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	320052	23.052	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	188789	23.004	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	187384	22.616	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	171017	23.133	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	10247	24.519	ug/L #	86
69) 1,3,5-Trichlorobenzene	14.623	180	137795	22.752	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	108798	22.369	ug/L	98
71) Naphthalene	15.360	128	200257	25.174	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	96456	23.715	ug/L	96

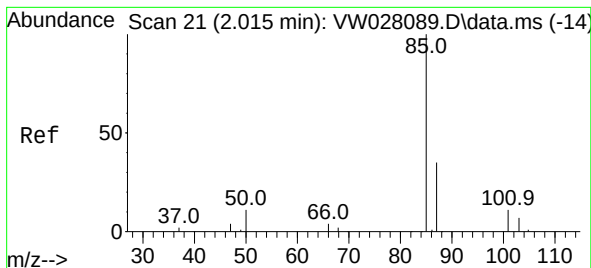
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VW028106.D
Acq On : 06 Mar 2024 09:00
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Misc : 5.00g/10mL/MSVOA_W/SOIL
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Quant Title : SFAM01.0
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#2

Dichlorodifluoromethane

Concen: 24.061 ug/L

RT: 2.021 min Scan# 21

Delta R.T. 0.006 min

Lab File: VW028106.D

Acq: 06 Mar 2024 09:00

Instrument :

MSVOA_W

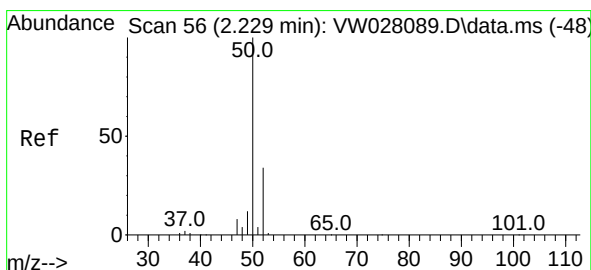
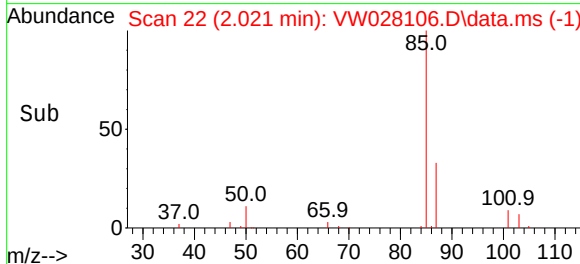
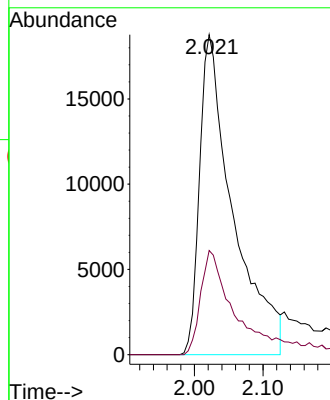
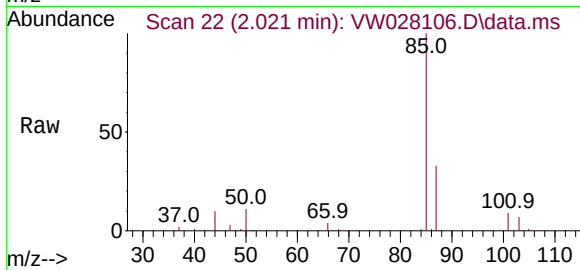
ClientSampleId :

Tgt Ion: 85 Resp: 63420

Ion Ratio Lower Upper

85 100

87 31.1 26.6 39.8



#3

Chloromethane

Concen: 23.443 ug/L

RT: 2.229 min Scan# 56

Delta R.T. 0.000 min

Lab File: VW028106.D

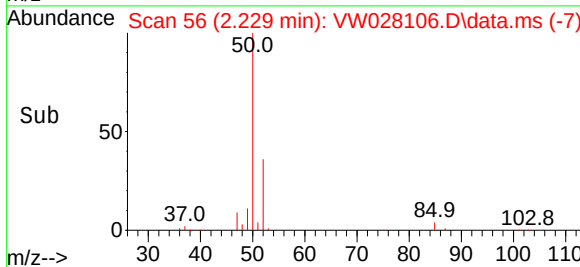
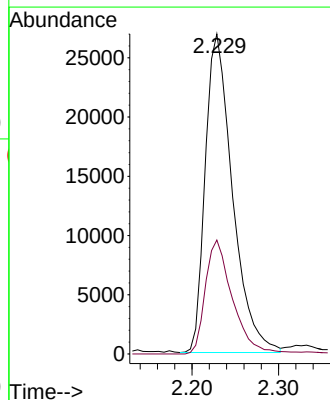
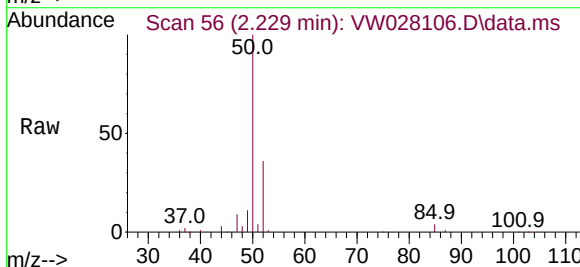
Acq: 06 Mar 2024 09:00

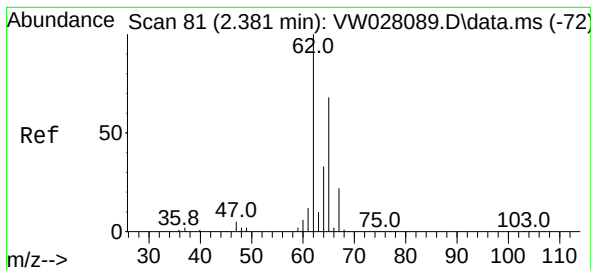
Tgt Ion: 50 Resp: 58752

Ion Ratio Lower Upper

50 100

52 35.6 23.7 43.9





#5

Vinyl chloride

Concen: 24.338 ug/L

RT: 2.381 min Scan# 81

Delta R.T. 0.000 min

Lab File: VW028106.D

Acq: 06 Mar 2024 09:00

Instrument :

MSVOA_W

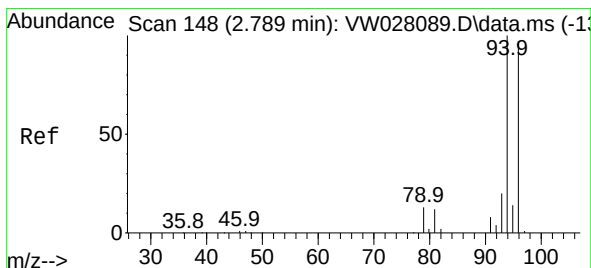
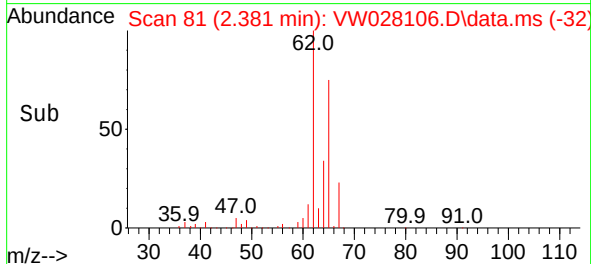
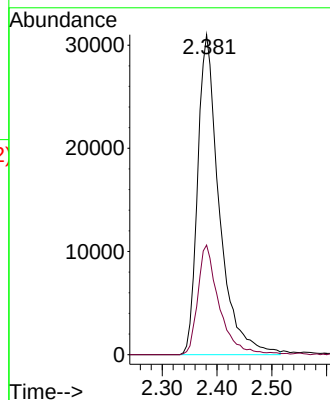
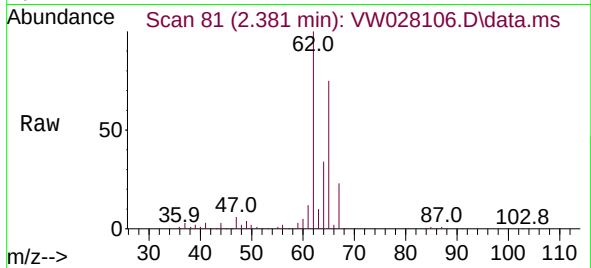
ClientSampleId :

Tgt Ion: 62 Resp: 85000

Ion Ratio Lower Upper

62 100

64 34.2 23.2 43.0



#6

Bromomethane

Concen: 21.399 ug/L

RT: 2.790 min Scan# 148

Delta R.T. 0.000 min

Lab File: VW028106.D

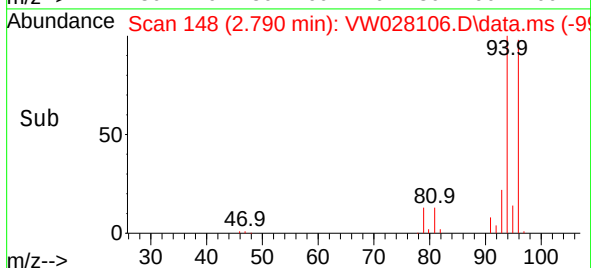
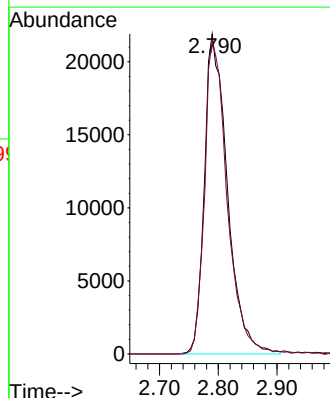
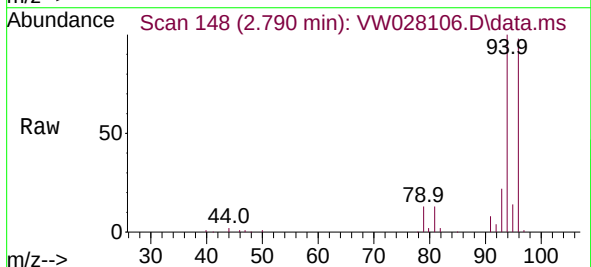
Acq: 06 Mar 2024 09:00

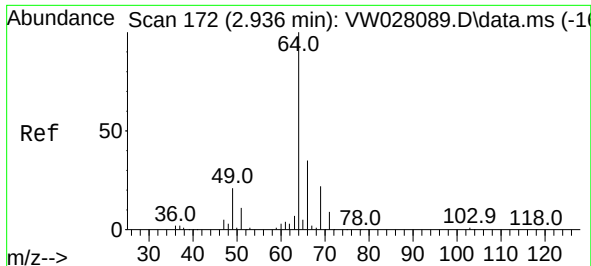
Tgt Ion: 94 Resp: 59624

Ion Ratio Lower Upper

94 100

96 98.0 69.1 128.3





#8

Chloroethane

Concen: 25.019 ug/L

RT: 2.942 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW028106.D

Acq: 06 Mar 2024 09:00

Instrument :

MSVOA_W

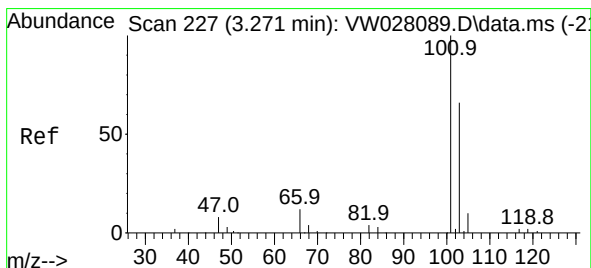
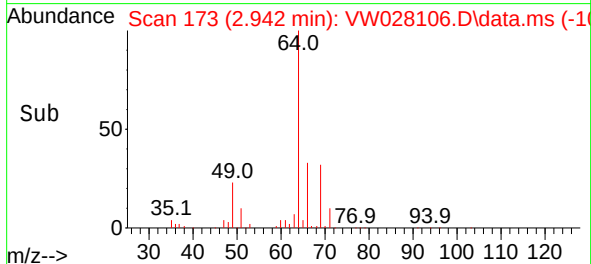
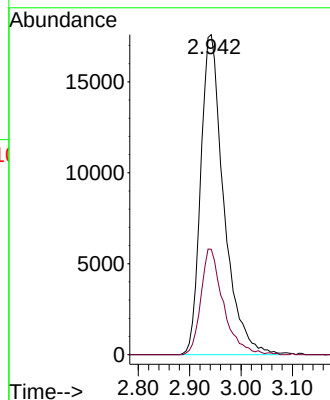
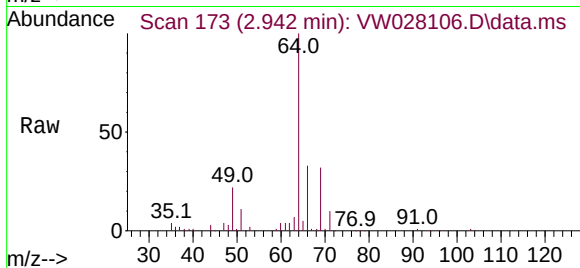
ClientSampleId :

Tgt Ion: 64 Resp: 54876

Ion Ratio Lower Upper

64 100

66 32.9 22.4 41.6



#9

Trichlorofluoromethane

Concen: 21.411 ug/L

RT: 3.271 min Scan# 227

Delta R.T. 0.000 min

Lab File: VW028106.D

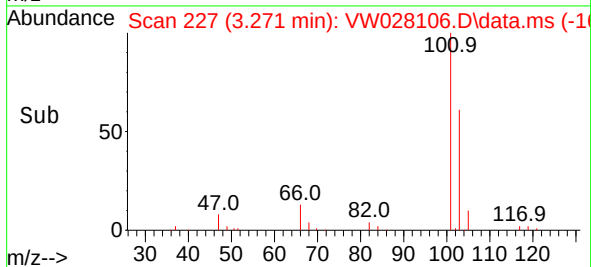
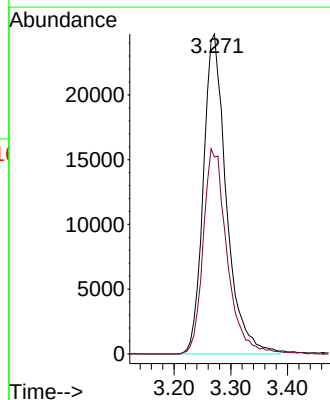
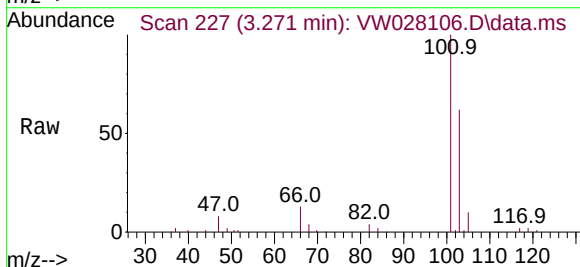
Acq: 06 Mar 2024 09:00

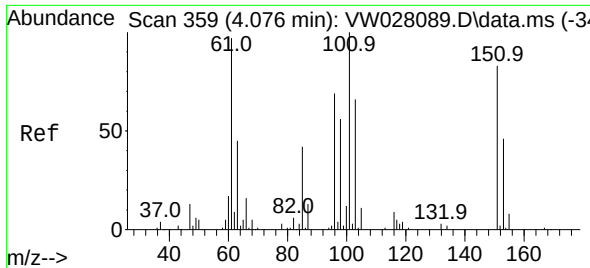
Tgt Ion:101 Resp: 69748

Ion Ratio Lower Upper

101 100

103 66.5 52.6 78.8





#10

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

Concen: 24.836 ug/L

RT: 4.082 min Scan# 3

Delta R.T. 0.006 min

Lab File: VW028106.D

Acq: 06 Mar 2024 09:00

Instrument :

MSVOA_W

ClientSampleId :

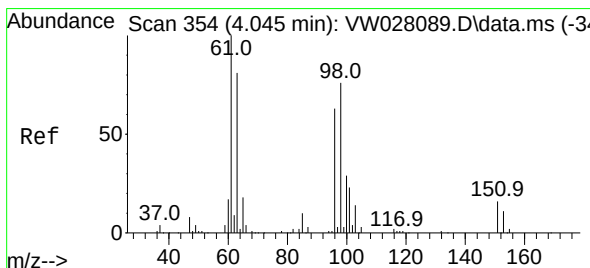
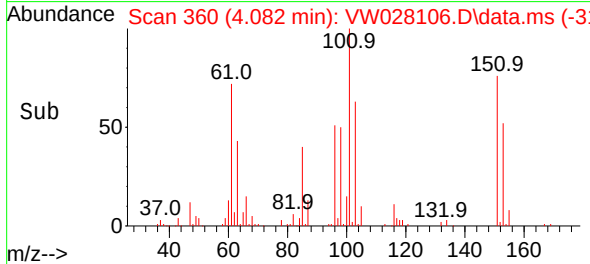
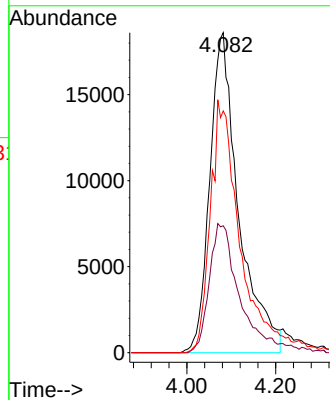
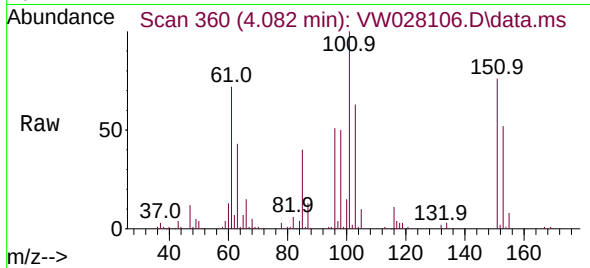
Tgt Ion:101 Resp: 84111

Ion Ratio Lower Upper

101 100

85 40.0 33.1 49.7

151 30.5 53.7 80.5#



#12

1,1-Dichloroethene

Concen: 23.891 ug/L

RT: 4.051 min Scan# 355

Delta R.T. 0.006 min

Lab File: VW028106.D

Acq: 06 Mar 2024 09:00

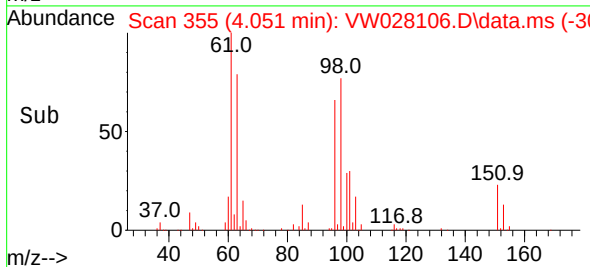
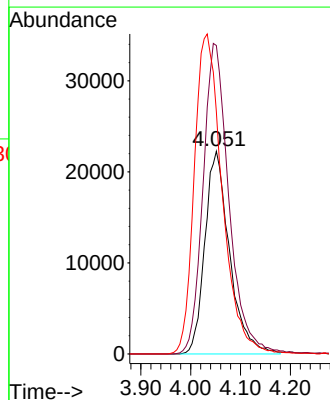
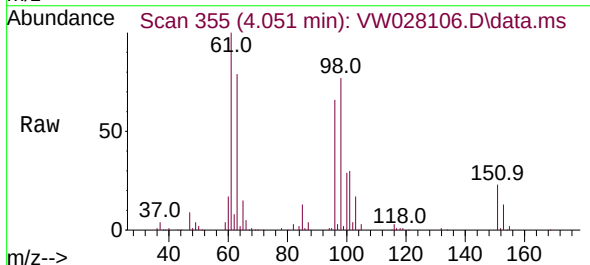
Tgt Ion: 96 Resp: 76624

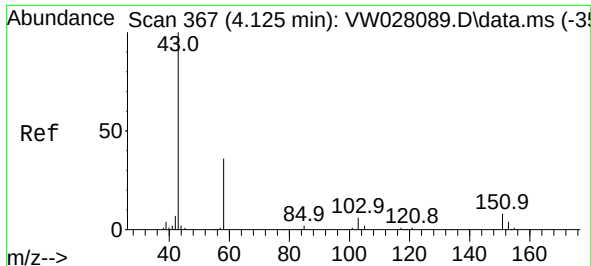
Ion Ratio Lower Upper

96 100

61 152.1 100.5 186.7

63 119.5 72.9 135.5

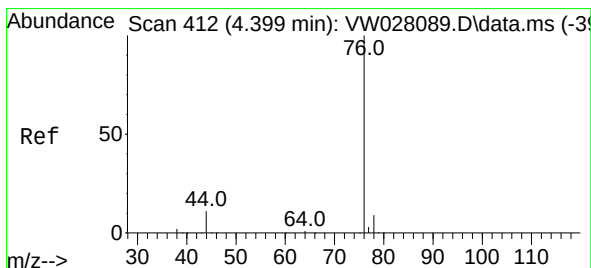
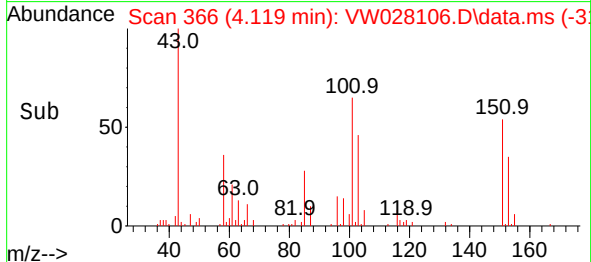
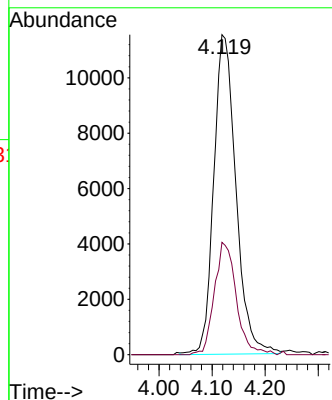
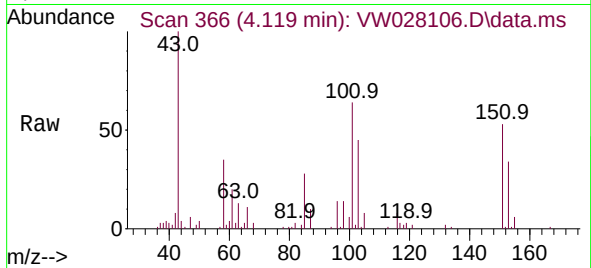




#13
Acetone
Concen: 54.676 ug/L
RT: 4.119 min Scan# 366
Delta R.T. -0.006 min
Lab File: VW028106.D
Acq: 06 Mar 2024 09:00

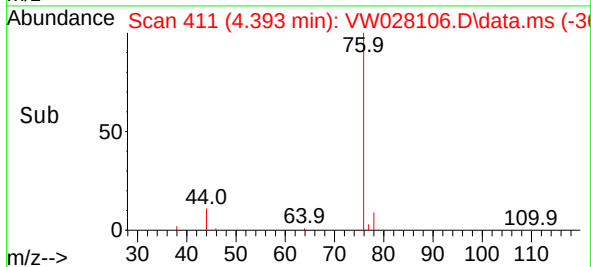
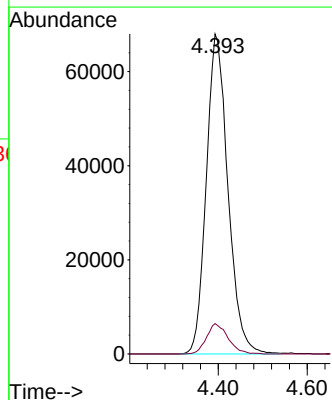
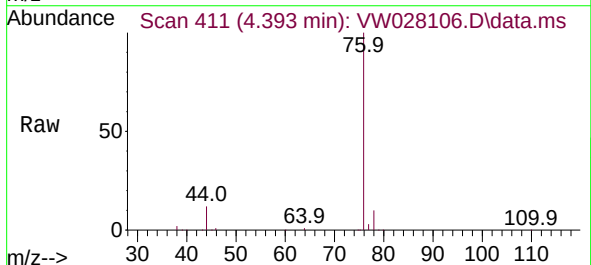
Instrument :
MSVOA_W
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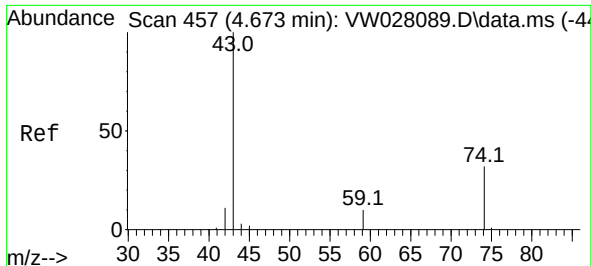
Tgt Ion: 43 Resp: 33575
Ion Ratio Lower Upper
43 100
58 34.1 0.0 70.0



#14
Carbon disulfide
Concen: 23.549 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.006 min
Lab File: VW028106.D
Acq: 06 Mar 2024 09:00

Tgt Ion: 76 Resp: 230069
Ion Ratio Lower Upper
76 100
78 9.5 7.9 11.9

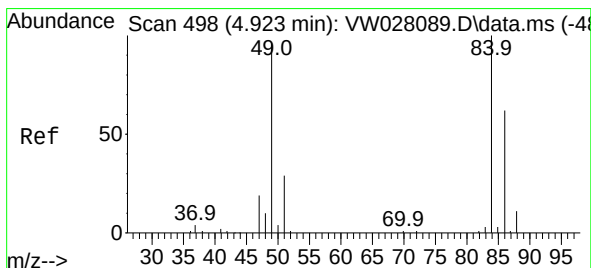
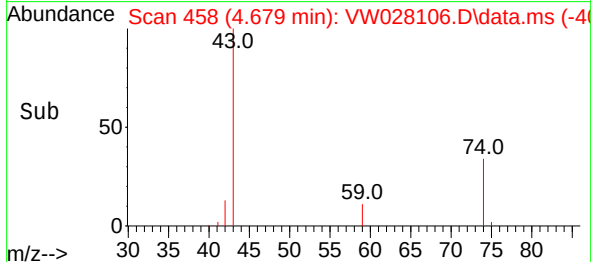
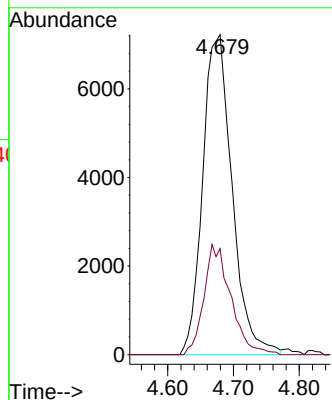
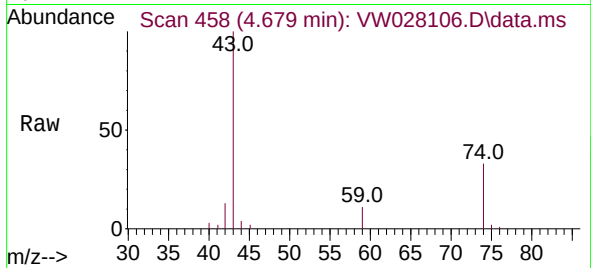




#15
Methyl Acetate
Concen: 25.912 ug/L
RT: 4.679 min Scan# 457
Delta R.T. 0.006 min
Lab File: VW028106.D
Acq: 06 Mar 2024 09:00

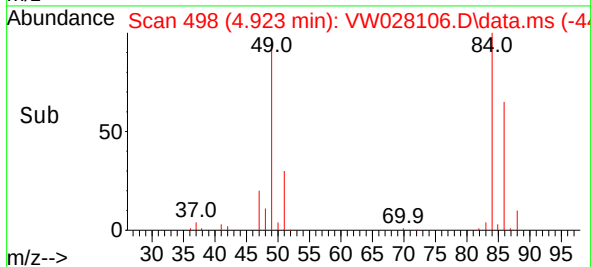
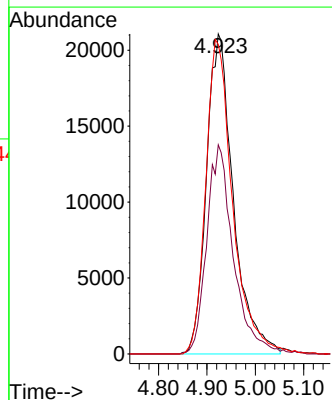
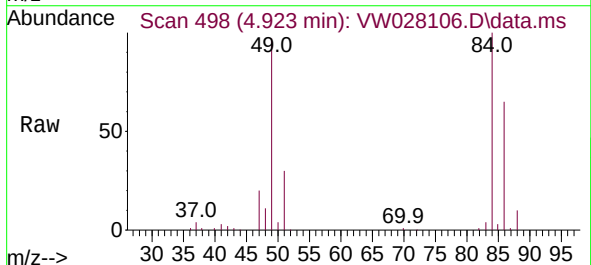
Instrument :
MSVOA_W
ClientSampleId :

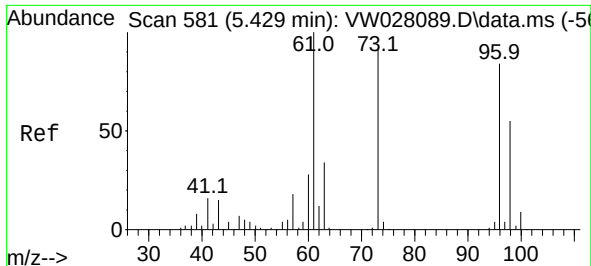
Tgt Ion: 43 Resp: 22490
Ion Ratio Lower Upper
43 100
74 31.5 24.3 36.5



#16
Methylene chloride
Concen: 22.964 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.000 min
Lab File: VW028106.D
Acq: 06 Mar 2024 09:00

Tgt Ion: 84 Resp: 81497
Ion Ratio Lower Upper
84 100
86 65.3 41.2 76.6
49 96.7 66.5 123.5





#17

trans-1,2-Dichloroethene

Concen: 23.586 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW028106.D

Acq: 06 Mar 2024 09:00

Instrument :

MSVOA_W

ClientSampleId :

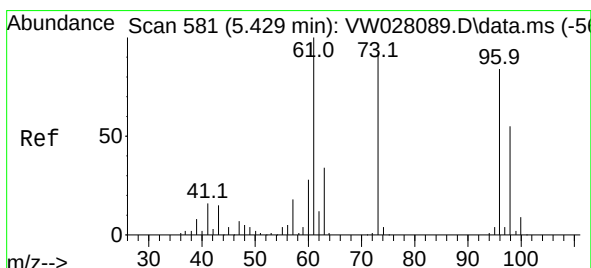
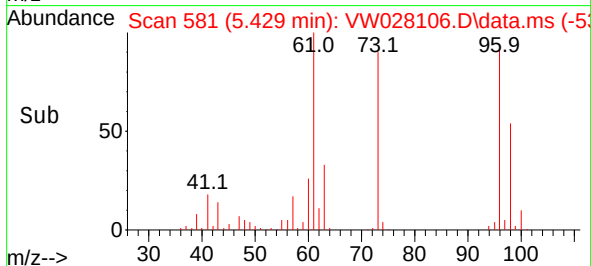
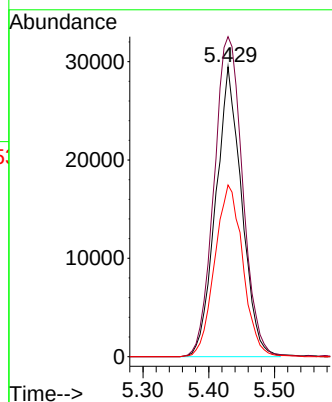
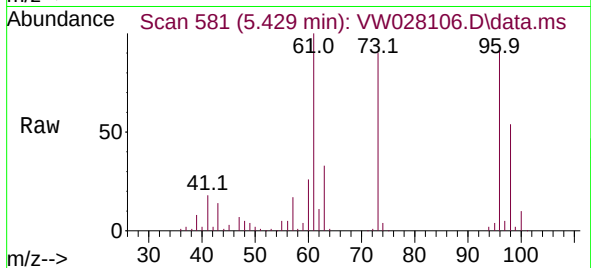
Tgt Ion: 96 Resp: 80829

Ion Ratio Lower Upper

96 100

61 110.4 82.6 153.4

98 59.2 44.7 83.1



#18

Methyl tert-butyl Ether

Concen: 23.899 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW028106.D

Acq: 06 Mar 2024 09:00

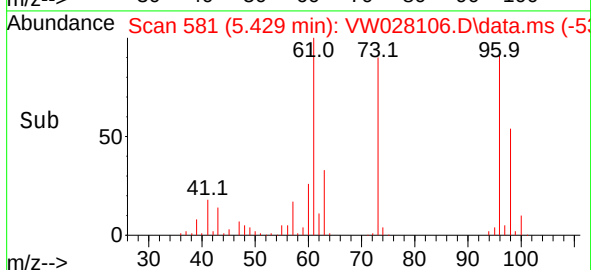
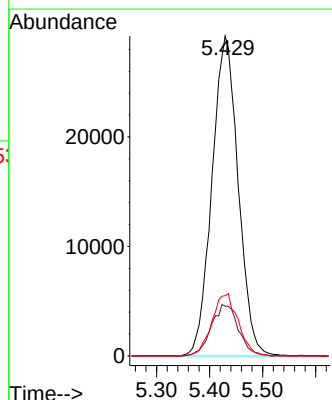
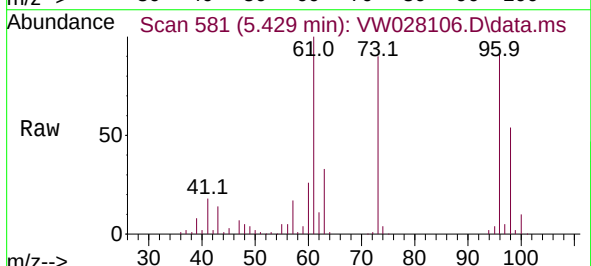
Tgt Ion: 73 Resp: 100303

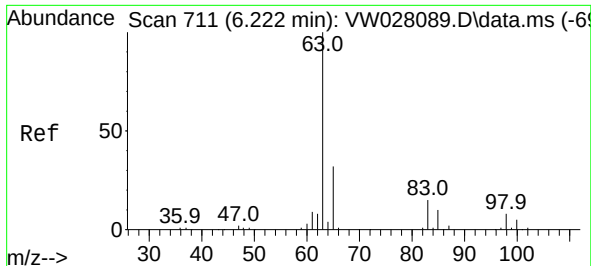
Ion Ratio Lower Upper

73 100

43 16.6 13.3 19.9

57 19.5 15.9 23.9

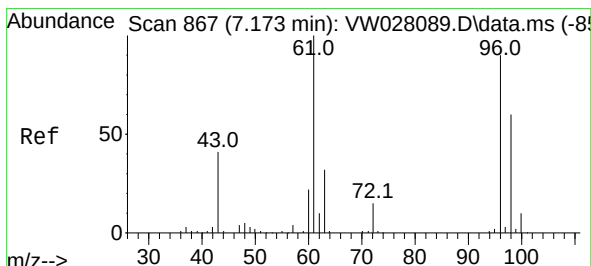
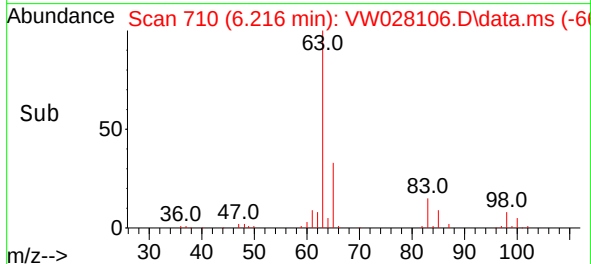
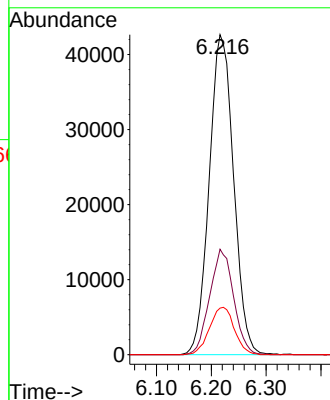
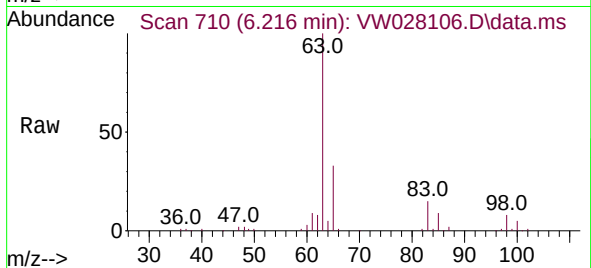




#19
1,1-Dichloroethane
Concen: 24.329 ug/L
RT: 6.216 min Scan# 711
Delta R.T. -0.006 min
Lab File: VW028106.D
Acq: 06 Mar 2024 09:00

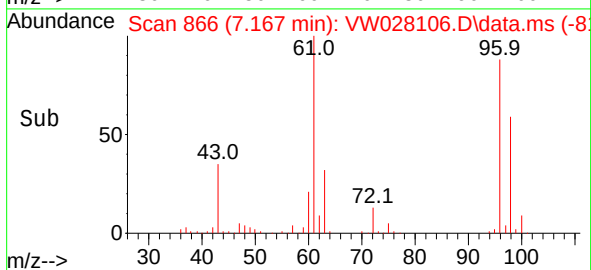
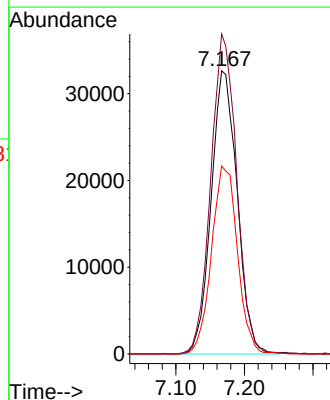
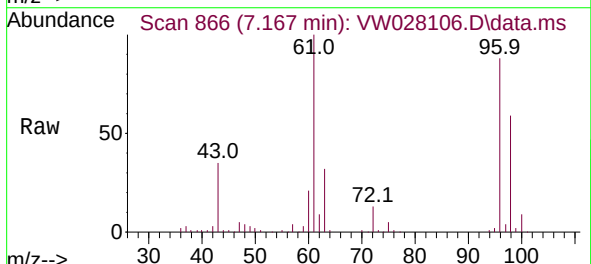
Instrument :
MSVOA_W
ClientSampleId :

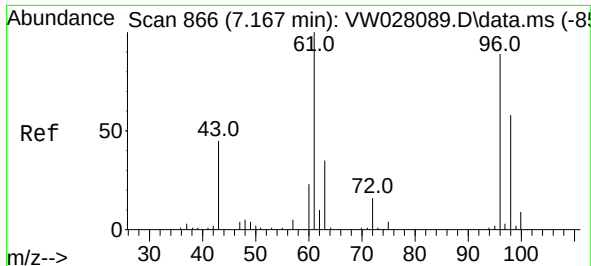
Tgt Ion: 63 Resp: 131828
Ion Ratio Lower Upper
63 100
65 33.0 23.2 43.0
83 14.5 10.2 19.0



#20
cis-1,2-Dichloroethene
Concen: 23.931 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW028106.D
Acq: 06 Mar 2024 09:00

Tgt Ion: 96 Resp: 86309
Ion Ratio Lower Upper
96 100
61 113.0 75.5 140.1
98 66.4 43.8 81.4





#22

2-Butanone

Concen: 52.408 ug/L

RT: 7.167 min Scan# 866

Delta R.T. 0.000 min

Lab File: VW028106.D

Acq: 06 Mar 2024 09:00

Instrument :

MSVOA_W

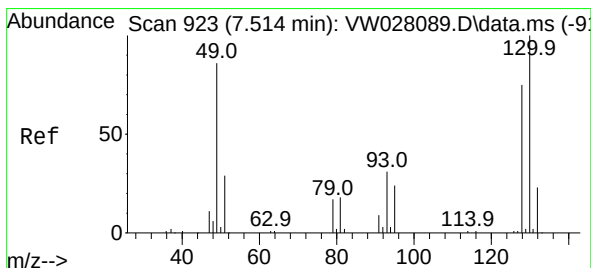
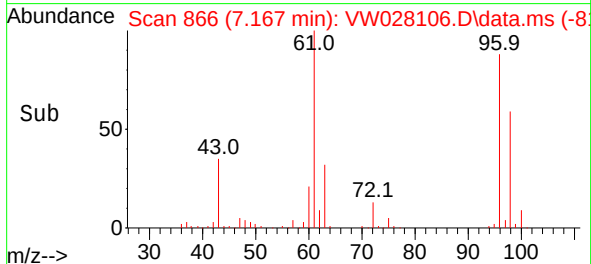
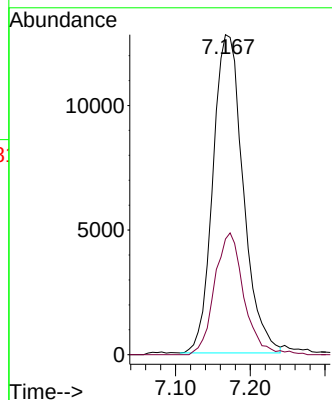
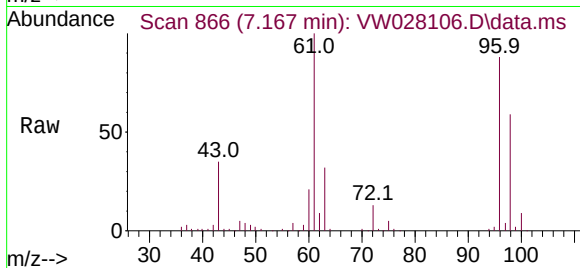
ClientSampleId :

Tgt Ion: 43 Resp: 35942

Ion Ratio Lower Upper

43 100

72 37.1 18.4 55.0



#23

Bromochloromethane

Concen: 23.218 ug/L

RT: 7.508 min Scan# 922

Delta R.T. -0.006 min

Lab File: VW028106.D

Acq: 06 Mar 2024 09:00

Tgt Ion: 128 Resp: 39311

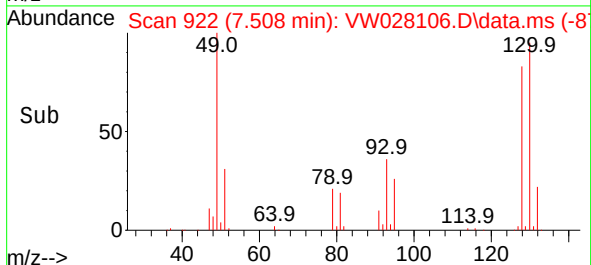
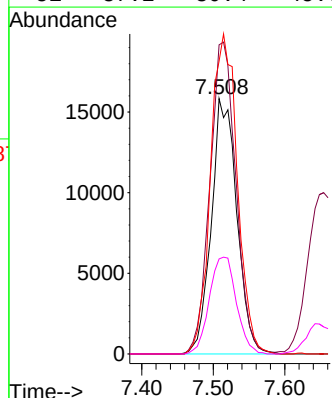
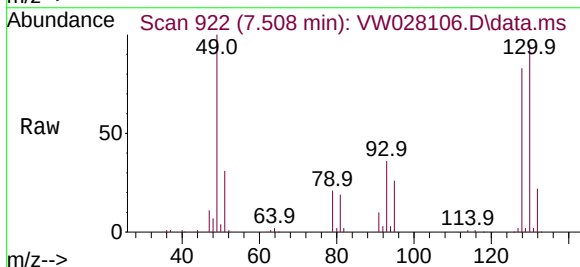
Ion Ratio Lower Upper

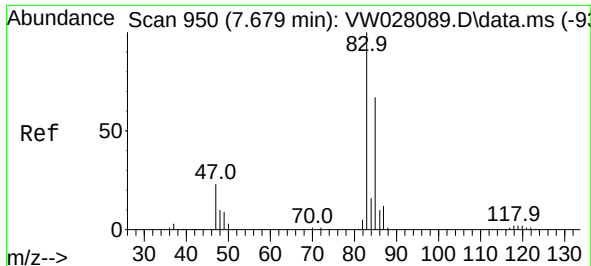
128 100

49 121.1 84.4 156.8

130 114.6 91.1 169.3

51 37.2 30.4 45.6





#25

Chloroform

Concen: 24.318 ug/L

RT: 7.679 min Scan# 950

Delta R.T. 0.000 min

Lab File: VW028106.D

Acq: 06 Mar 2024 09:00

Instrument :

MSVOA_W

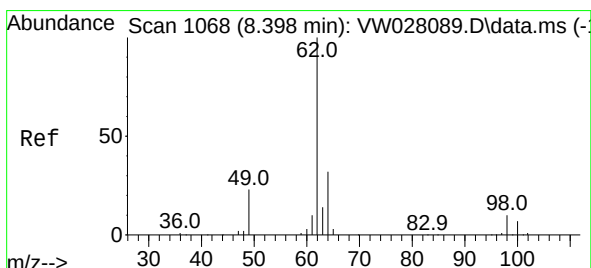
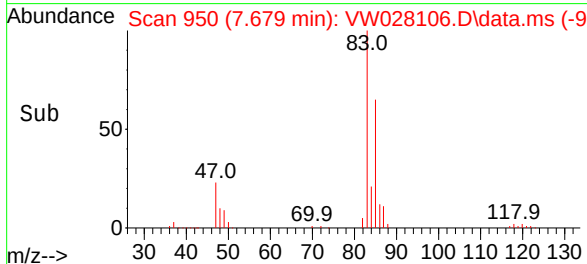
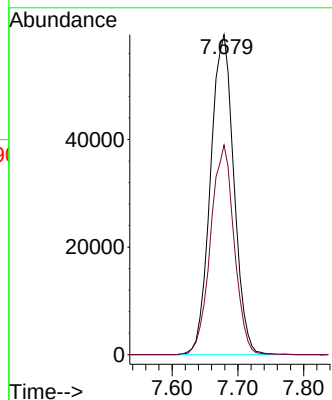
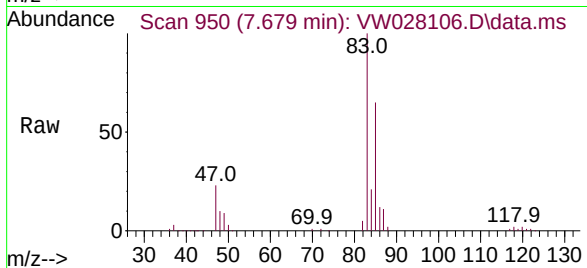
ClientSampleId :

Tgt Ion: 83 Resp: 147178

Ion Ratio Lower Upper

83 100

85 65.5 46.5 86.5



#27

1,2-Dichloroethane

Concen: 24.624 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW028106.D

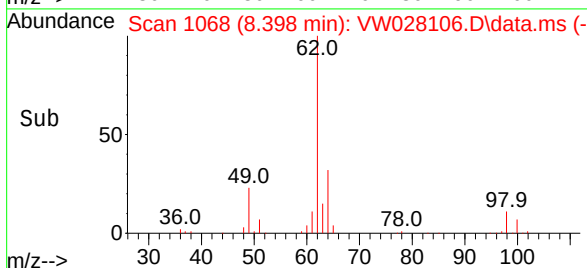
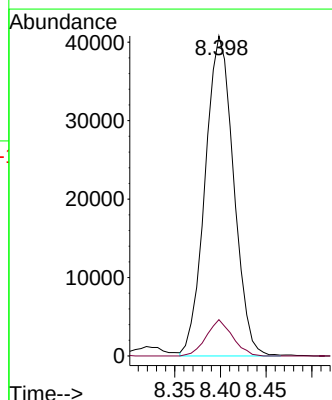
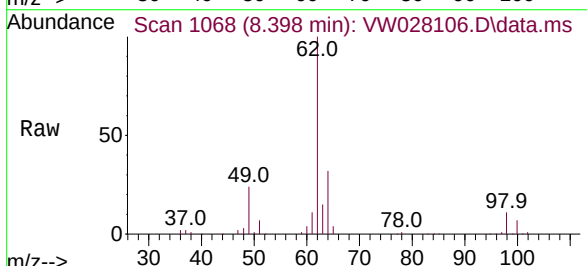
Acq: 06 Mar 2024 09:00

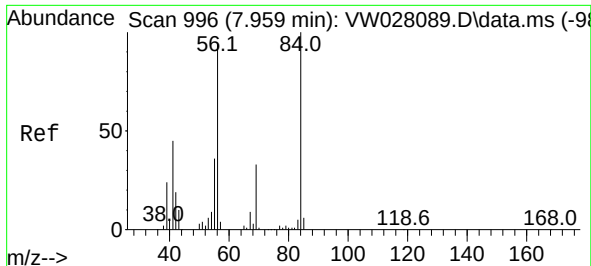
Tgt Ion: 62 Resp: 88618

Ion Ratio Lower Upper

62 100

98 11.3 8.2 12.4





#29

Cyclohexane

Concen: 24.757 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

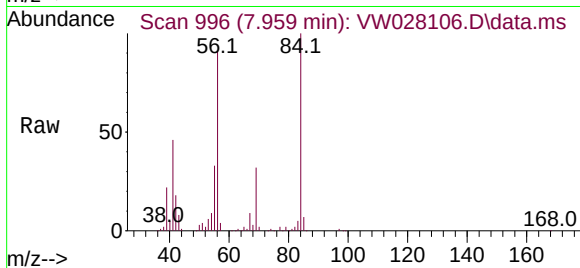
Lab File: VW028106.D

Acq: 06 Mar 2024 09:00

Instrument :

MSVOA_W

ClientSampleId :



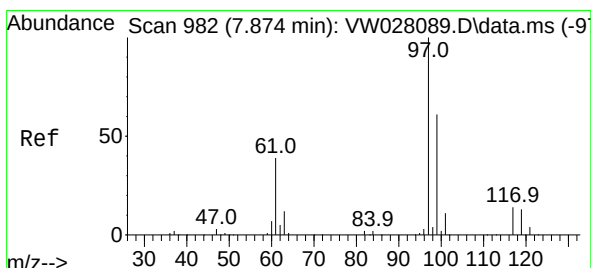
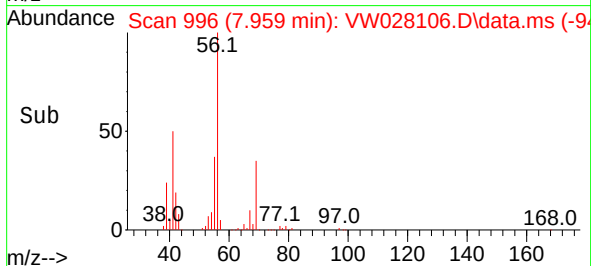
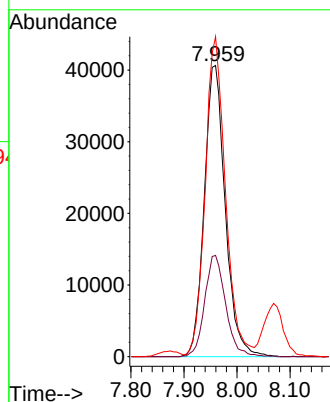
Tgt Ion: 56 Resp: 111929

Ion Ratio Lower Upper

56 100

69 34.7 27.6 41.4

84 106.2 86.6 129.8



#30

1,1,1-Trichloroethane

Concen: 24.094 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW028106.D

Acq: 06 Mar 2024 09:00

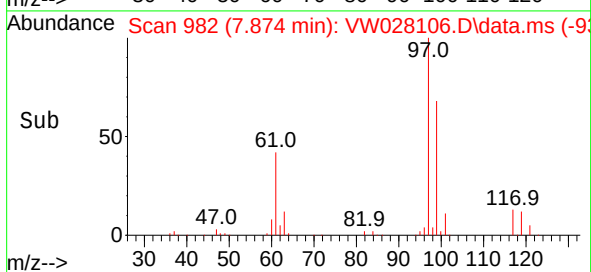
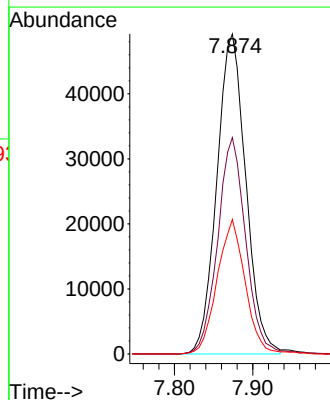
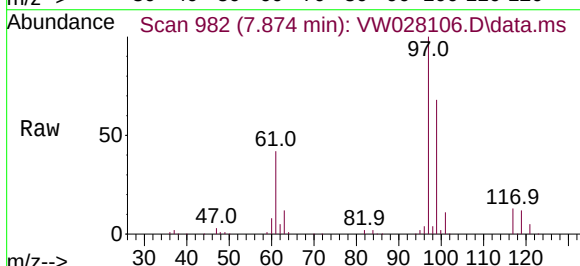
Tgt Ion: 97 Resp: 126479

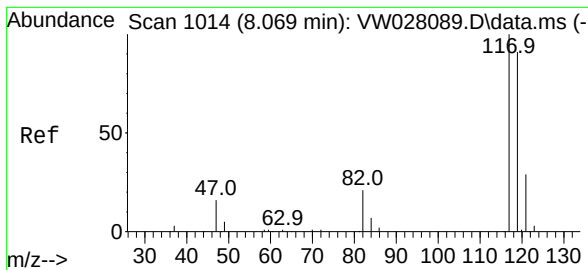
Ion Ratio Lower Upper

97 100

99 65.8 51.3 76.9

61 40.6 31.8 47.6

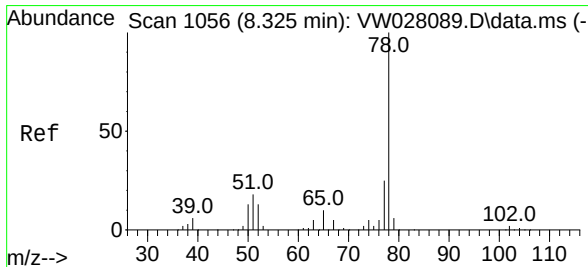
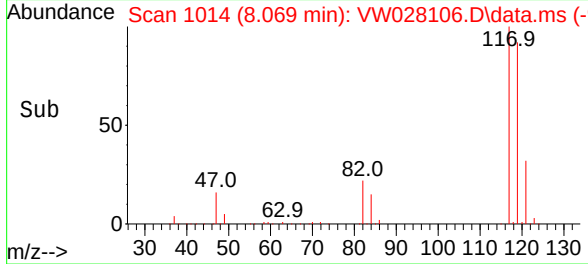
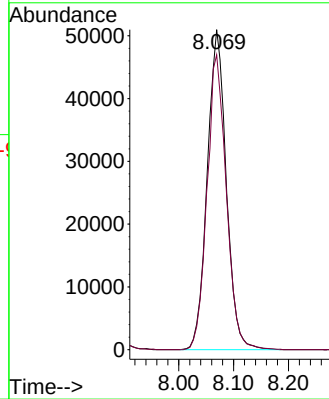
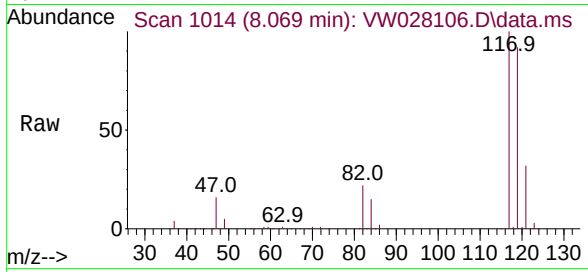




#31
Carbon tetrachloride
Concen: 25.067 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW028106.D
Acq: 06 Mar 2024 09:00

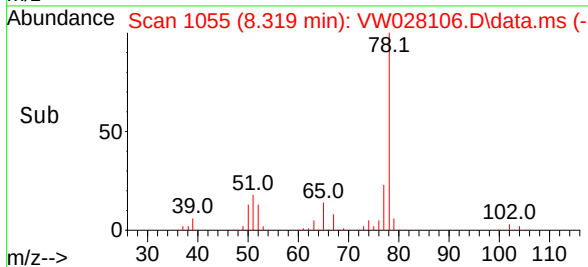
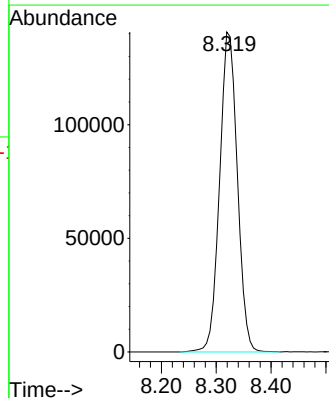
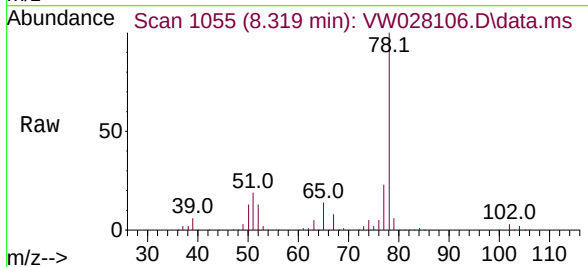
Instrument :
MSVOA_W
ClientSampleId :

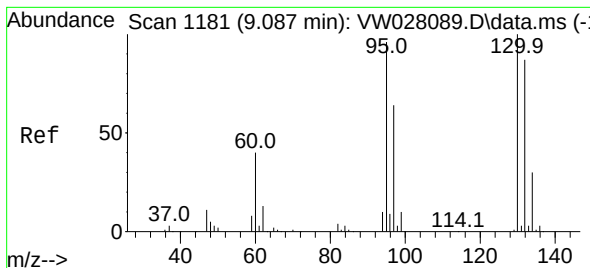
Tgt Ion:117 Resp: 122878
Ion Ratio Lower Upper
117 100
119 93.4 76.8 115.2



#33
Benzene
Concen: 24.936 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VW028106.D
Acq: 06 Mar 2024 09:00

Tgt Ion: 78 Resp: 316732





#34

Trichloroethene

Concen: 23.306 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.006 min

Lab File: VW028106.D

Acq: 06 Mar 2024 09:00

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 86736

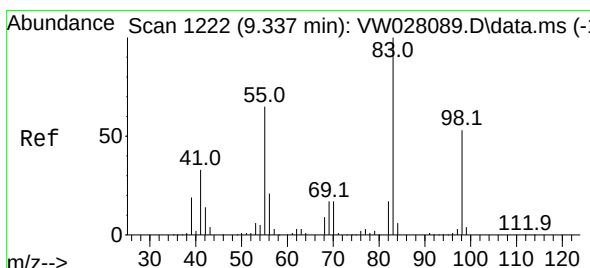
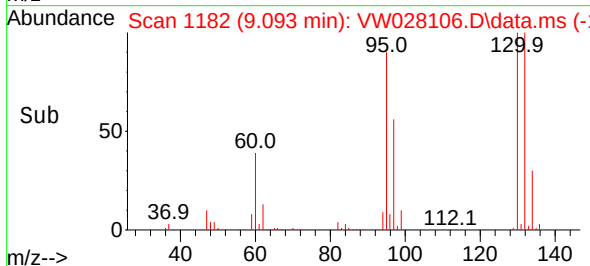
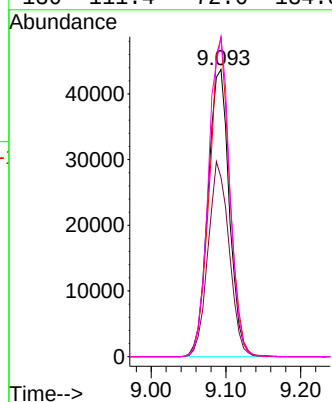
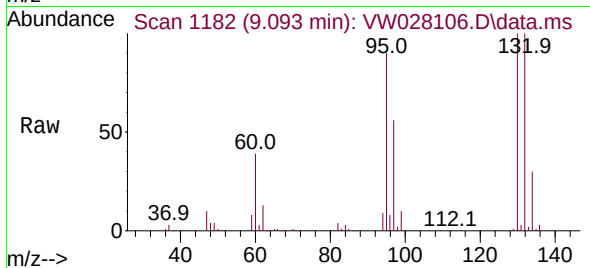
Ion Ratio Lower Upper

95 100

97 62.4 44.5 82.7

132 111.0 68.3 126.9

130 111.4 72.6 134.8



#35

Methylcyclohexane

Concen: 25.063 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW028106.D

Acq: 06 Mar 2024 09:00

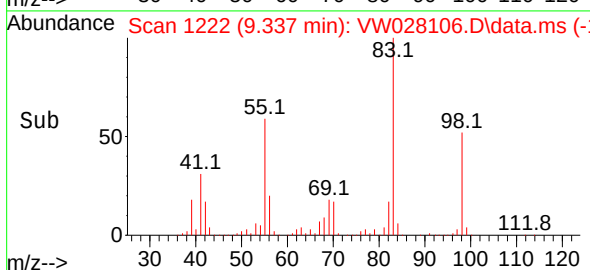
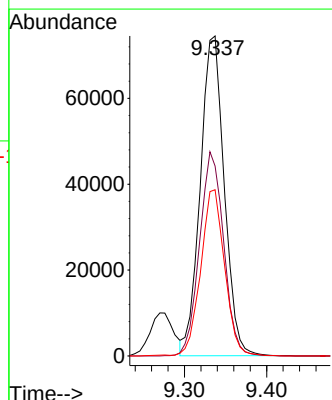
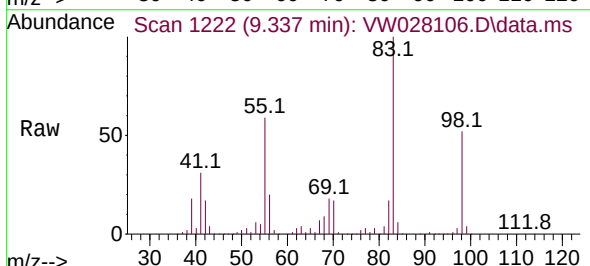
Tgt Ion: 83 Resp: 150967

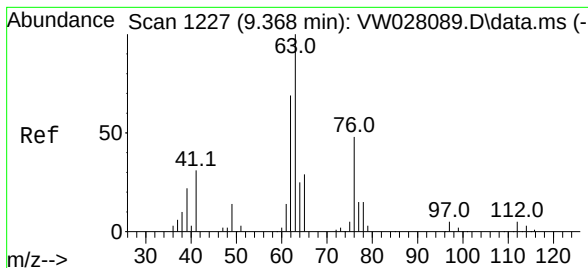
Ion Ratio Lower Upper

83 100

55 64.2 52.1 78.1

98 51.6 42.2 63.4





#37

1,2-Dichloropropane

Concen: 24.202 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW028106.D

Acq: 06 Mar 2024 09:00

Instrument :

MSVOA_W

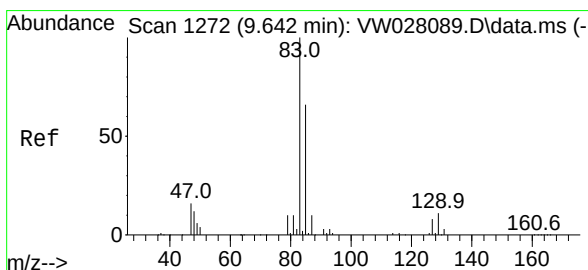
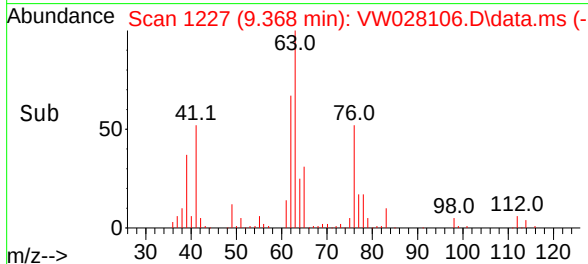
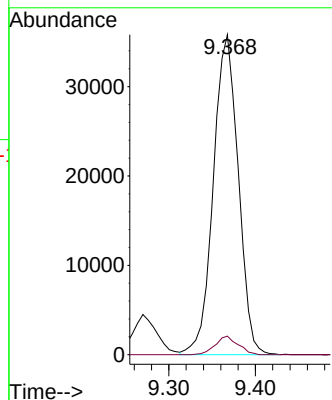
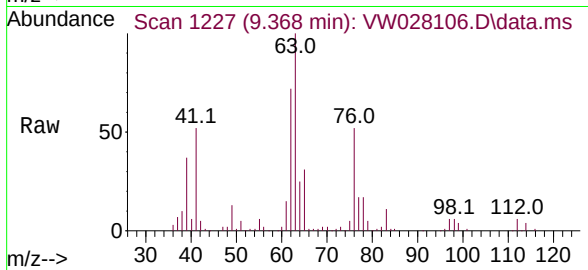
ClientSampleId :

Tgt Ion: 63 Resp: 71588

Ion Ratio Lower Upper

63 100

112 5.3 4.4 6.6



#38

Bromodichloromethane

Concen: 24.414 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW028106.D

Acq: 06 Mar 2024 09:00

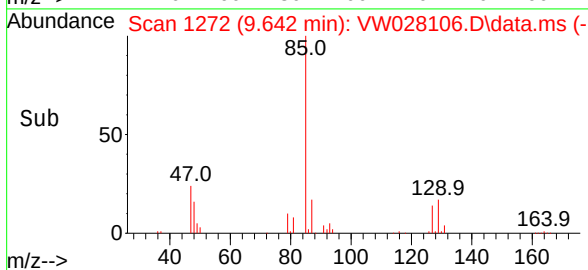
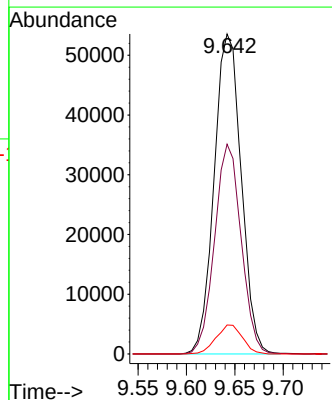
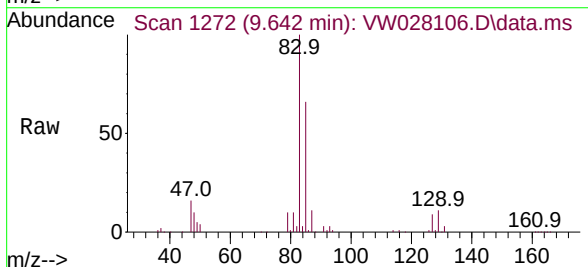
Tgt Ion: 83 Resp: 104305

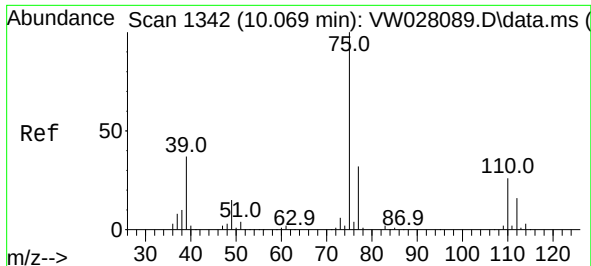
Ion Ratio Lower Upper

83 100

85 65.5 43.3 80.5

127 9.1 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 25.145 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. 0.000 min

Lab File: VW028106.D

Acq: 06 Mar 2024 09:00

Instrument :

MSVOA_W

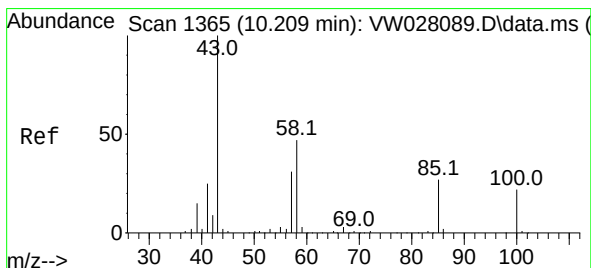
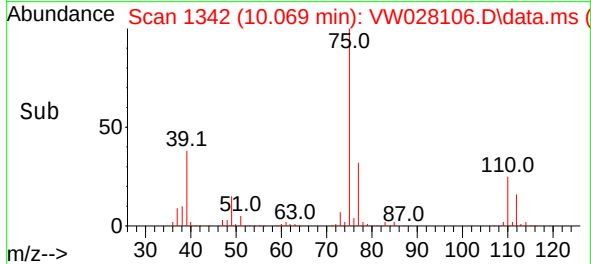
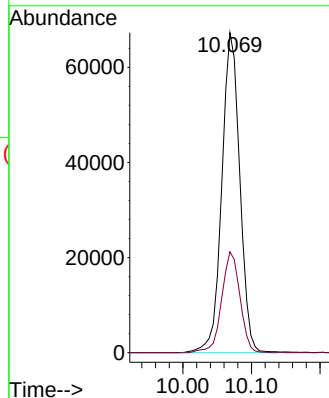
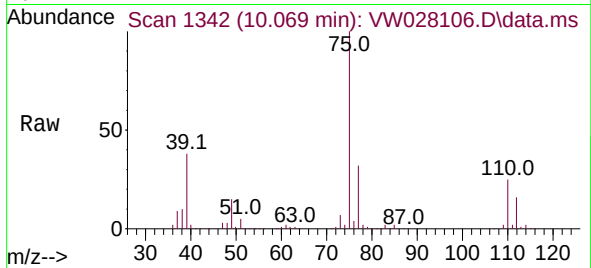
ClientSampleId :

Tgt Ion: 75 Resp: 122308

Ion Ratio Lower Upper

75 100

77 31.6 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 53.567 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW028106.D

Acq: 06 Mar 2024 09:00

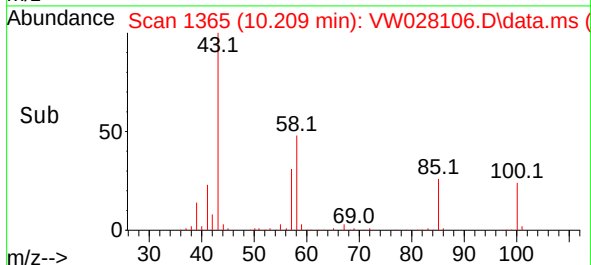
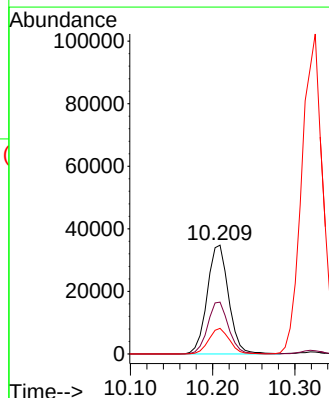
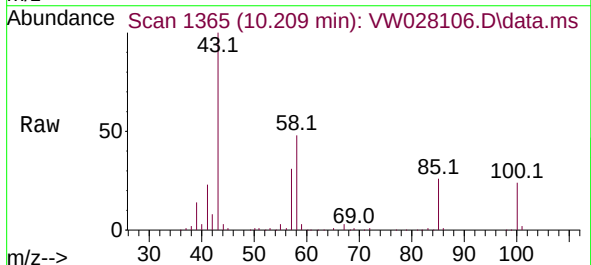
Tgt Ion: 43 Resp: 62933

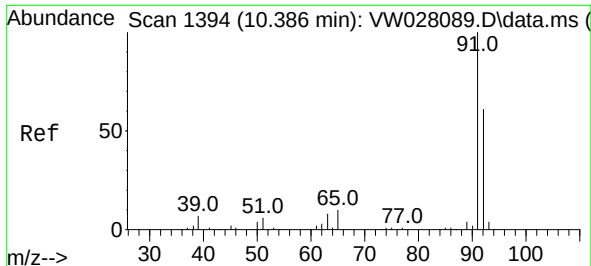
Ion Ratio Lower Upper

43 100

58 46.4 37.8 56.8

100 22.8 18.2 27.4





#42

Toluene

Concen: 24.565 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW028106.D

Acq: 06 Mar 2024 09:00

Instrument :

MSVOA_W

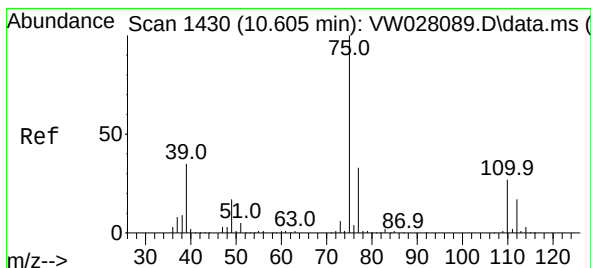
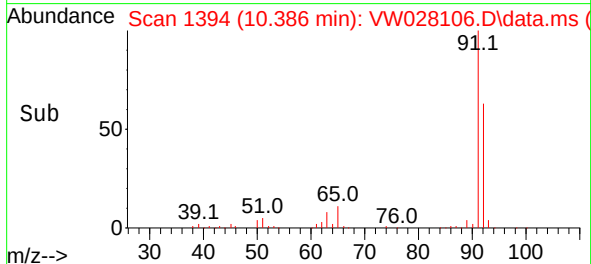
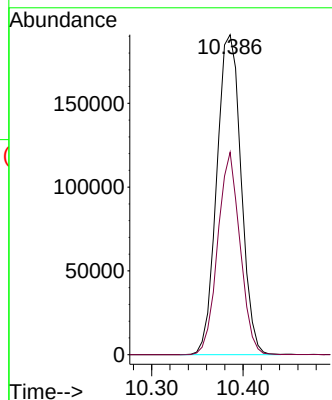
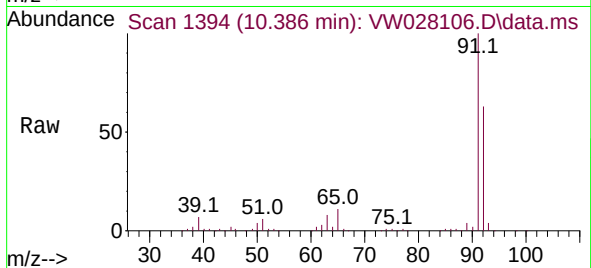
ClientSampleId :

Tgt Ion: 91 Resp: 352557

Ion Ratio Lower Upper

91 100

92 63.2 39.0 72.4



#44

trans-1,3-Dichloropropene

Concen: 25.507 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW028106.D

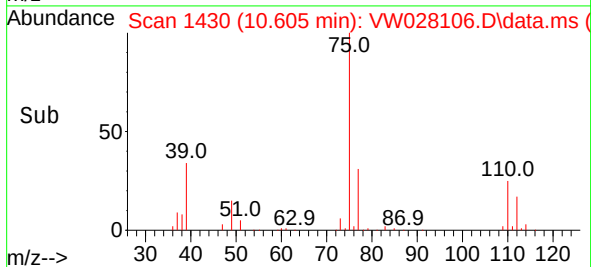
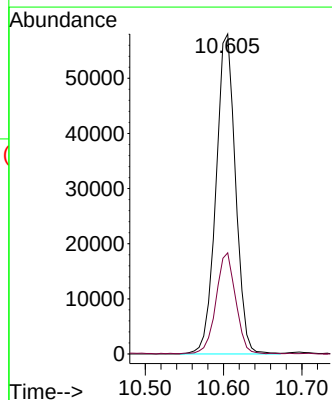
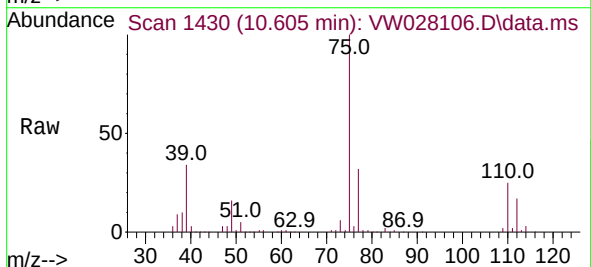
Acq: 06 Mar 2024 09:00

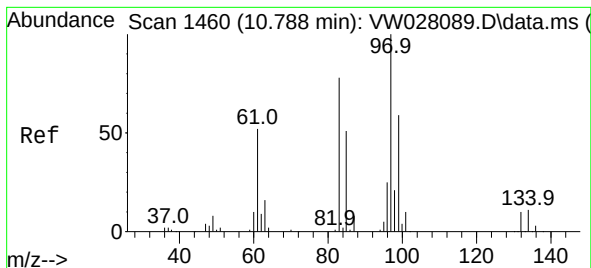
Tgt Ion: 75 Resp: 100790

Ion Ratio Lower Upper

75 100

77 31.6 22.9 42.5





#45

1,1,2-Trichloroethane

Concen: 24.523 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VW028106.D

Acq: 06 Mar 2024 09:00

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 60834

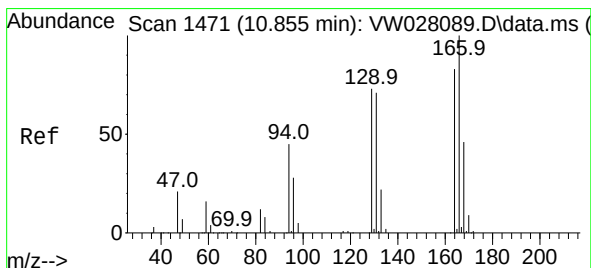
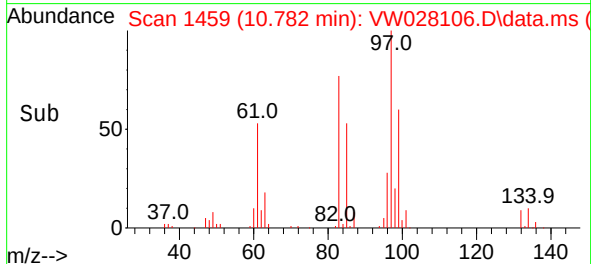
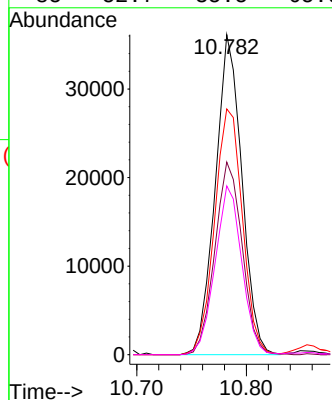
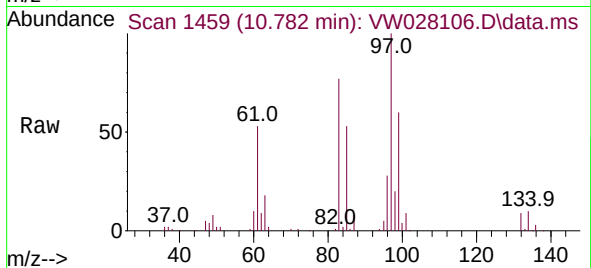
Ion Ratio Lower Upper

97 100

99 60.2 41.9 77.7

83 76.8 56.1 104.1

85 52.7 35.5 65.9



#46

Tetrachloroethene

Concen: 23.699 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.006 min

Lab File: VW028106.D

Acq: 06 Mar 2024 09:00

Tgt Ion:164 Resp: 73919

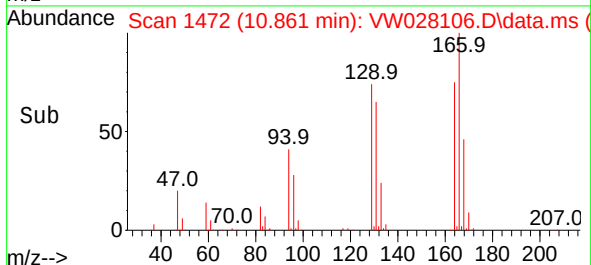
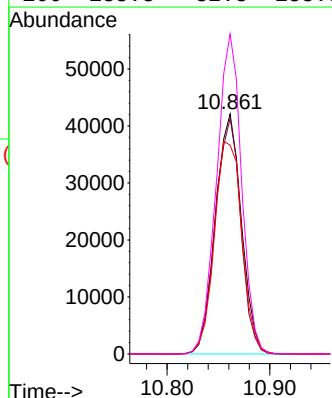
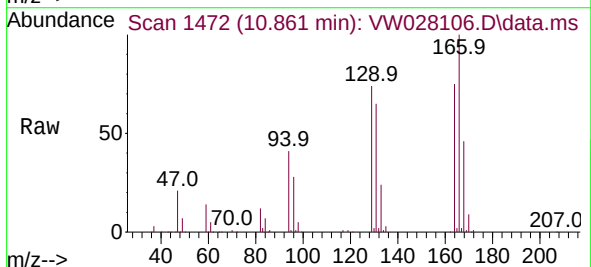
Ion Ratio Lower Upper

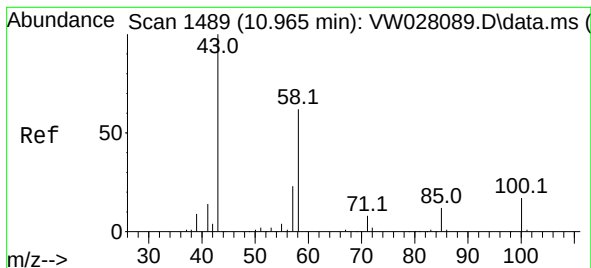
164 100

129 98.1 65.2 121.0

131 87.1 66.2 123.0

166 133.3 82.8 153.8





#48

2-Hexanone

Concen: 55.977 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VW028106.D

Acq: 06 Mar 2024 09:00

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 43 Resp: 53175

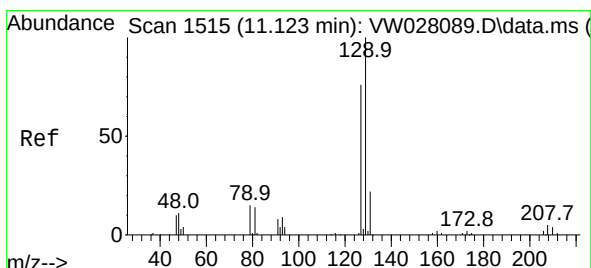
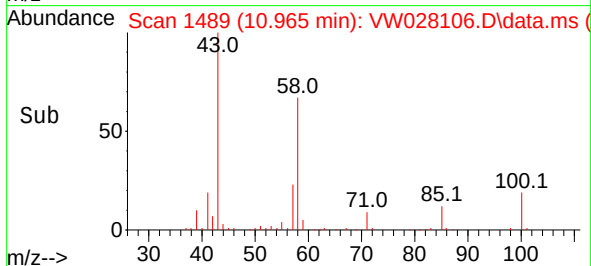
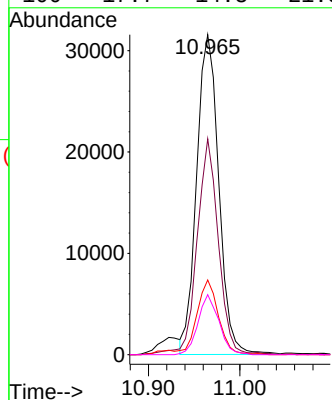
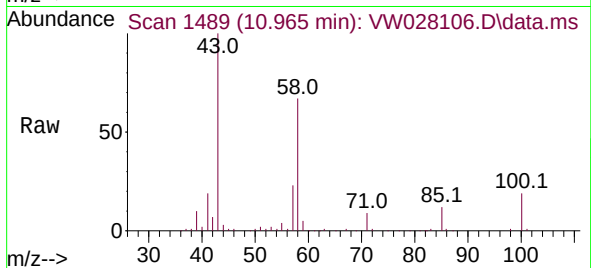
Ion Ratio Lower Upper

43 100

58 64.5 51.8 77.8

57 21.8 18.2 27.4

100 17.7 14.3 21.5



#49

Dibromochloromethane

Concen: 25.098 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. 0.006 min

Lab File: VW028106.D

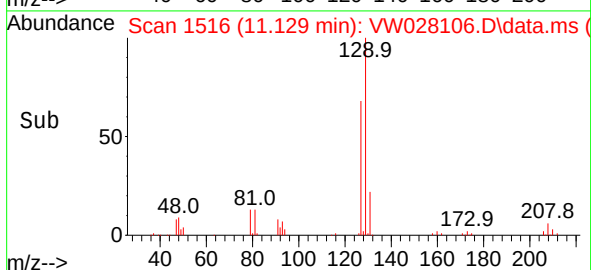
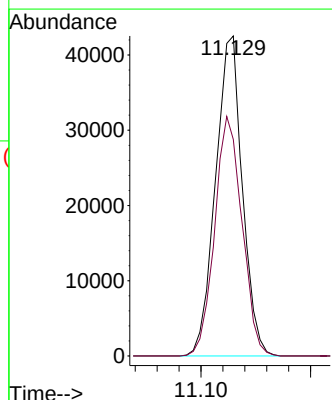
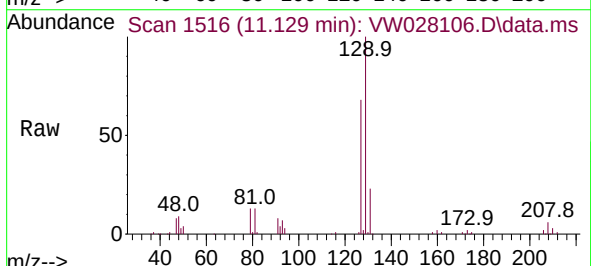
Acq: 06 Mar 2024 09:00

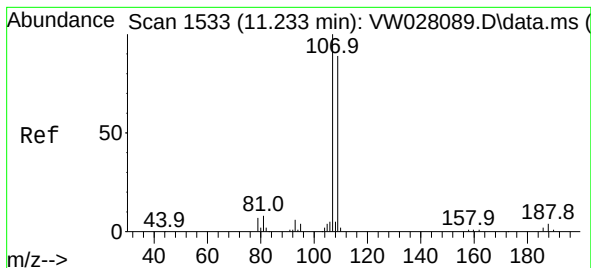
Tgt Ion:129 Resp: 72379

Ion Ratio Lower Upper

129 100

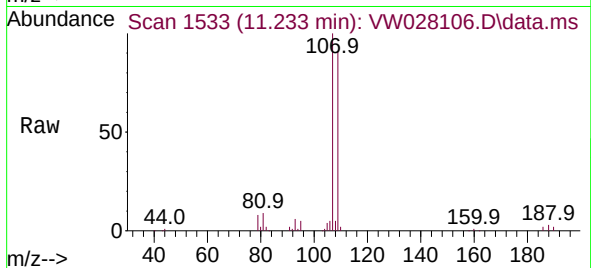
127 67.6 57.1 106.1



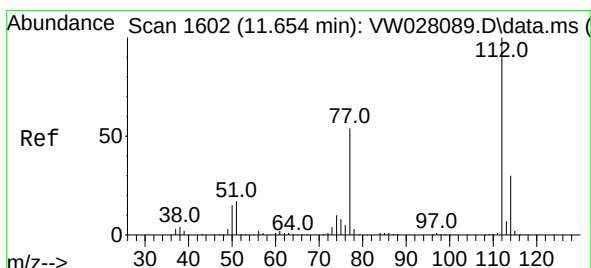
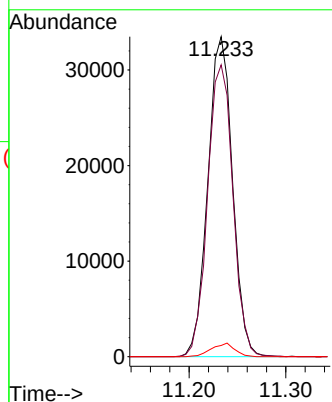
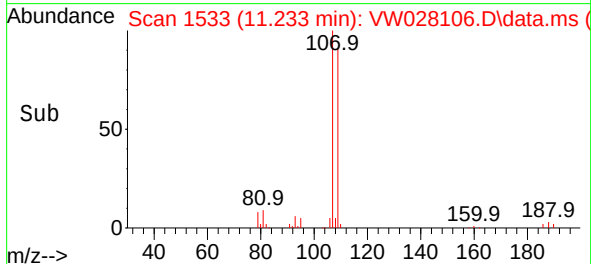


#50
1,2-Dibromoethane
Concen: 24.889 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW028106.D
Acq: 06 Mar 2024 09:00

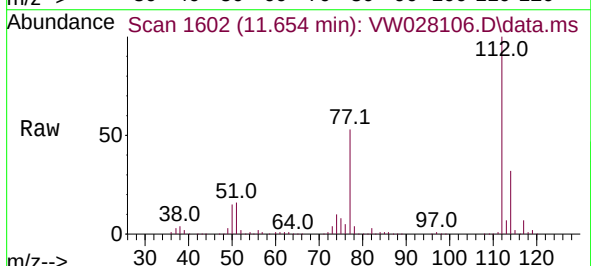
Instrument :
MSVOA_W
ClientSampleId :



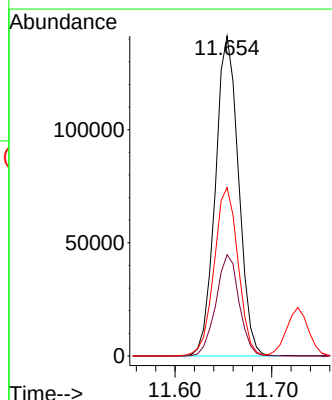
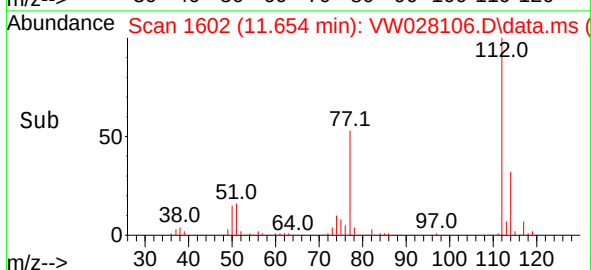
Tgt Ion:107 Resp: 59466
Ion Ratio Lower Upper
107 100
109 91.2 67.5 125.3
188 3.5 3.1 4.7

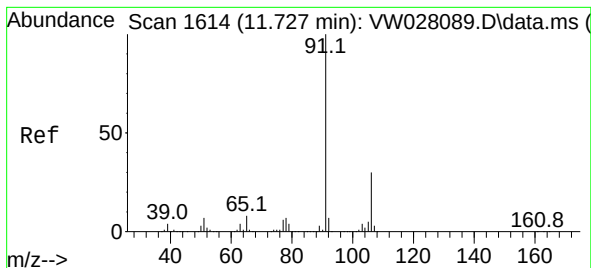


#51
Chlorobenzene
Concen: 24.603 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW028106.D
Acq: 06 Mar 2024 09:00



Tgt Ion:112 Resp: 235607
Ion Ratio Lower Upper
112 100
114 31.6 20.6 38.4
77 52.6 40.0 60.0





#52

Ethylbenzene

Concen: 24.543 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028106.D

Acq: 06 Mar 2024 09:00

Instrument :

MSVOA_W

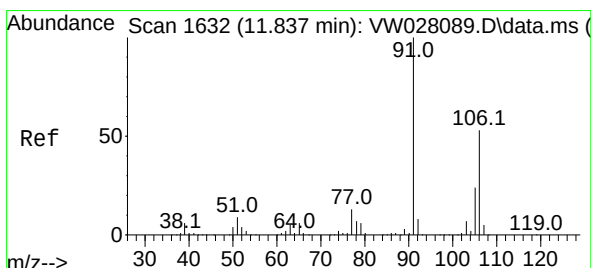
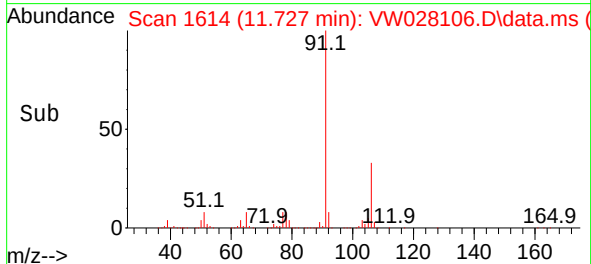
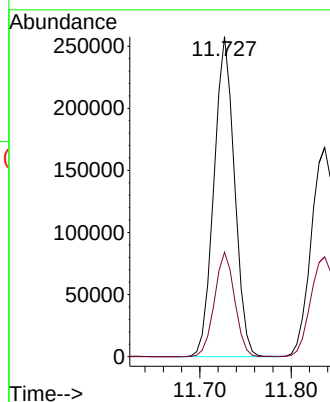
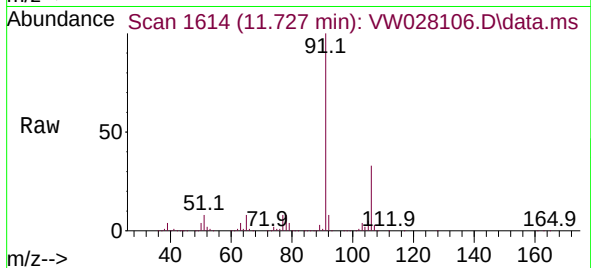
ClientSampleId :

Tgt Ion: 91 Resp: 402716

Ion Ratio Lower Upper

91 100

106 32.6 23.8 44.2



#53

m,p-Xylene

Concen: 24.398 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW028106.D

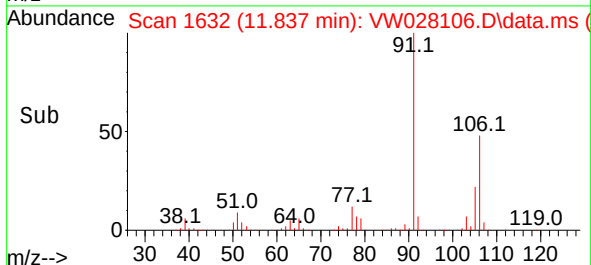
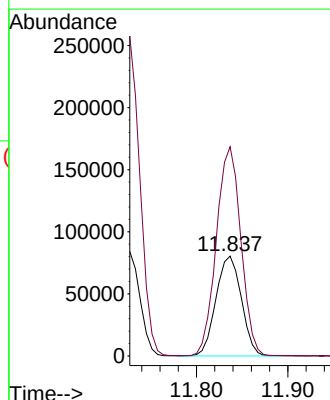
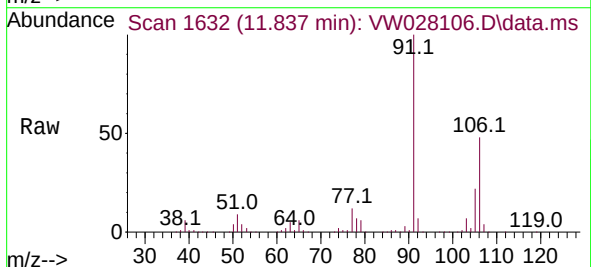
Acq: 06 Mar 2024 09:00

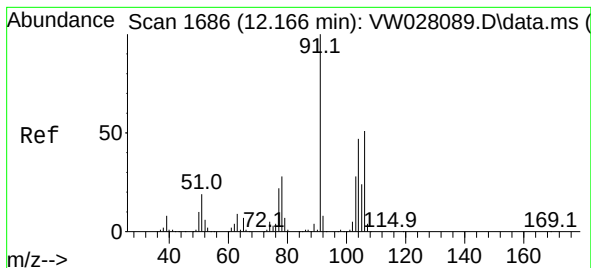
Tgt Ion:106 Resp: 155325

Ion Ratio Lower Upper

106 100

91 209.6 139.7 259.4





#54

o-Xylene

Concen: 24.544 ug/L

RT: 12.160 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW028106.D

Acq: 06 Mar 2024 09:00

Instrument :

MSVOA_W

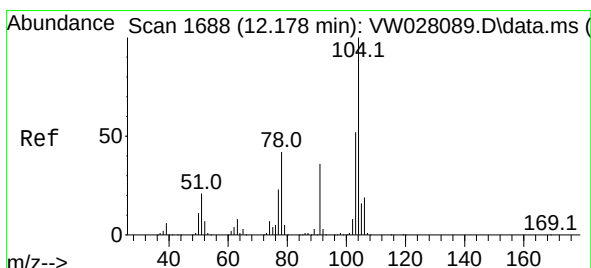
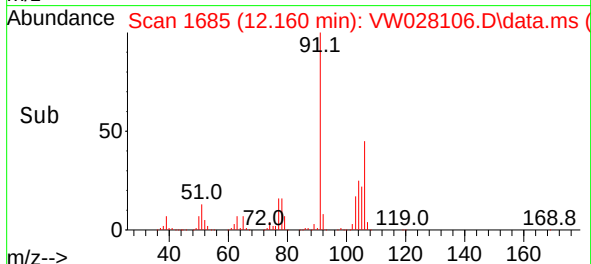
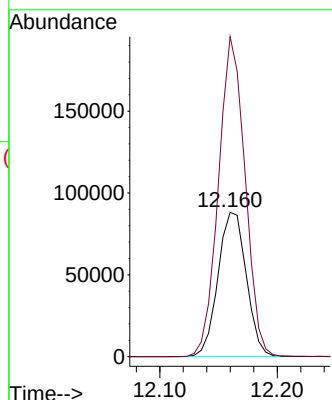
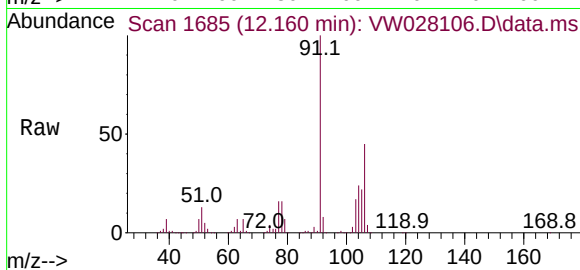
ClientSampleId :

Tgt Ion:106 Resp: 147879

Ion Ratio Lower Upper

106 100

91 221.7 145.2 269.6



#55

Styrene

Concen: 24.718 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW028106.D

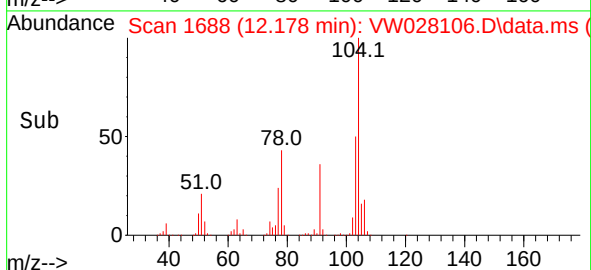
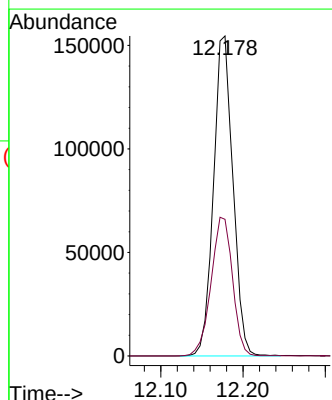
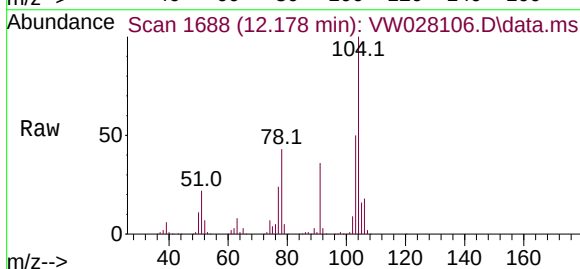
Acq: 06 Mar 2024 09:00

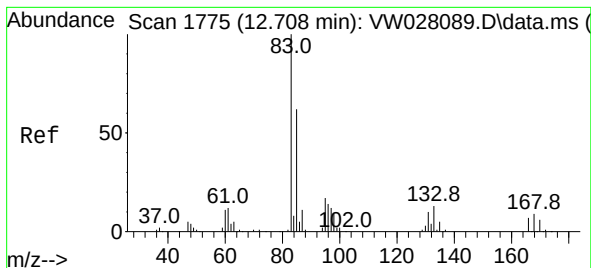
Tgt Ion:104 Resp: 253990

Ion Ratio Lower Upper

104 100

78 42.7 29.1 54.1





#57

1,1,2,2-Tetrachloroethane

Concen: 24.578 ug/L

RT: 12.708 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028106.D

Acq: 06 Mar 2024 09:00

Instrument :

MSVOA_W

ClientSampleId :

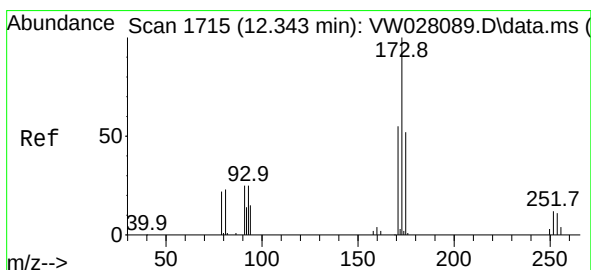
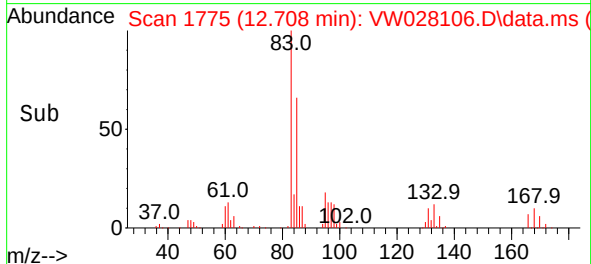
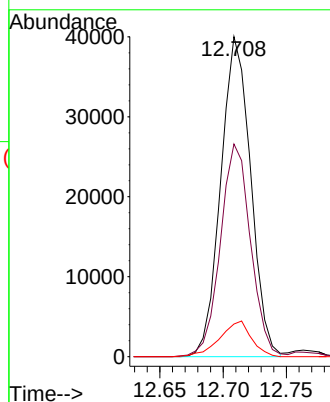
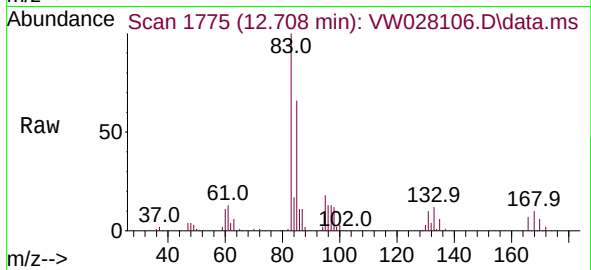
Tgt Ion: 83 Resp: 65741

Ion Ratio Lower Upper

83 100

85 66.4 45.7 84.9

131 10.2 9.7 14.5



#59

Bromoform

Concen: 22.386 ug/L

RT: 12.343 min Scan# 1715

Delta R.T. 0.000 min

Lab File: VW028106.D

Acq: 06 Mar 2024 09:00

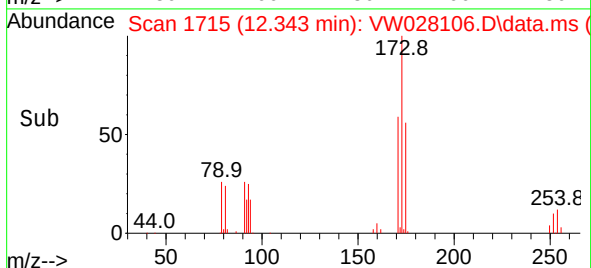
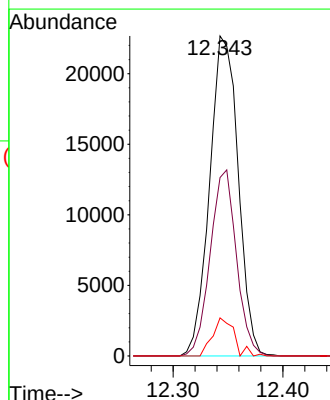
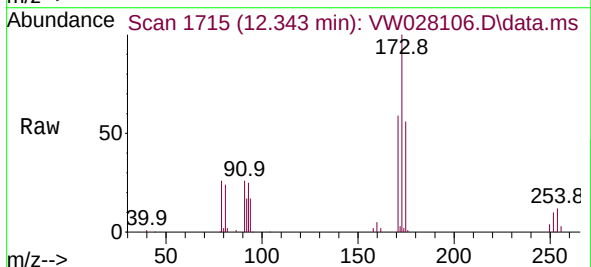
Tgt Ion:173 Resp: 41079

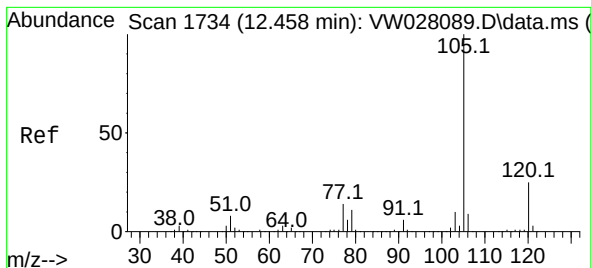
Ion Ratio Lower Upper

173 100

175 53.4 37.2 55.8

254 8.3 8.5 12.7#





#60

Isopropylbenzene

Concen: 22.842 ug/L

RT: 12.459 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028106.D

Acq: 06 Mar 2024 09:00

Instrument :

MSVOA_W

ClientSampleId :

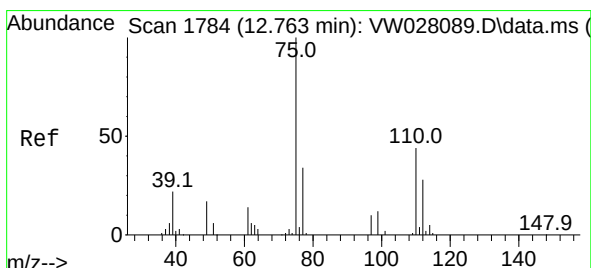
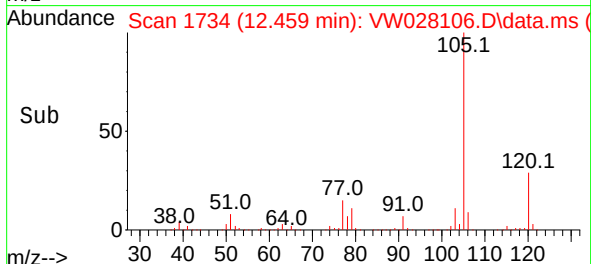
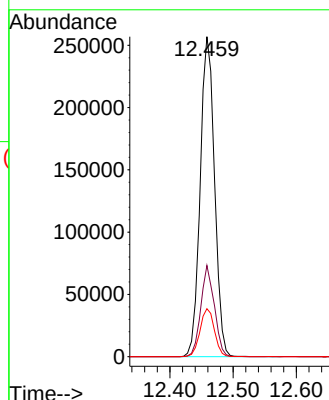
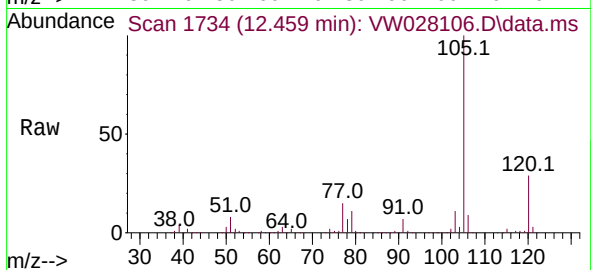
Tgt Ion:105 Resp: 405620

Ion Ratio Lower Upper

105 100

120 26.9 22.2 33.2

77 15.0 11.8 17.6



#61

1,2,3-Trichloropropane

Concen: 23.435 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW028106.D

Acq: 06 Mar 2024 09:00

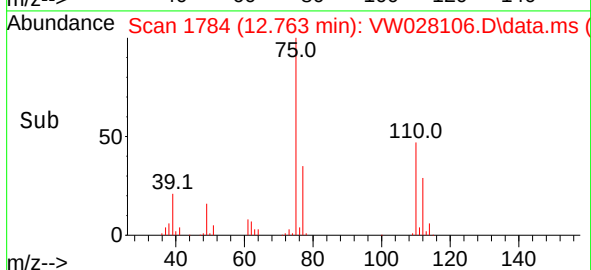
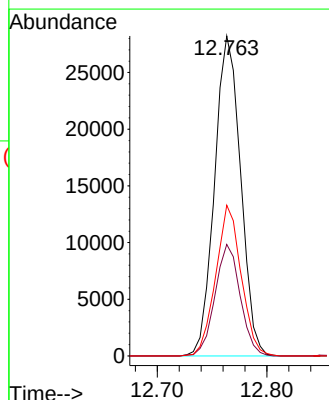
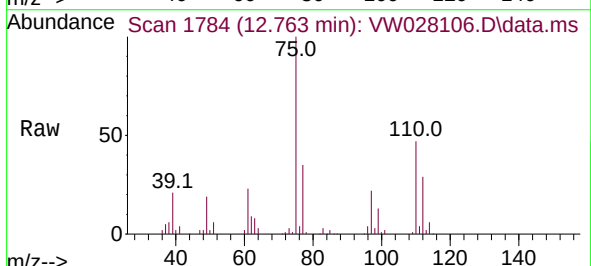
Tgt Ion: 75 Resp: 46630

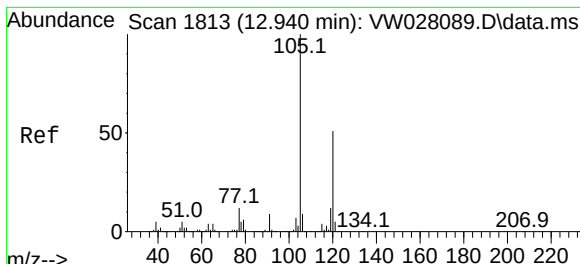
Ion Ratio Lower Upper

75 100

77 33.7 25.9 38.9

110 46.0 34.1 51.1

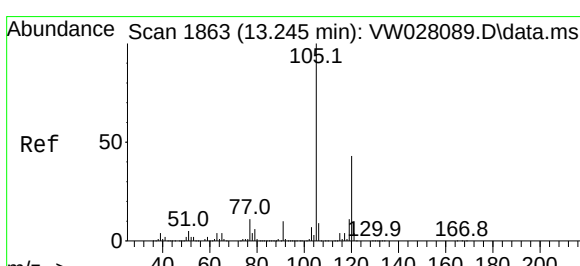
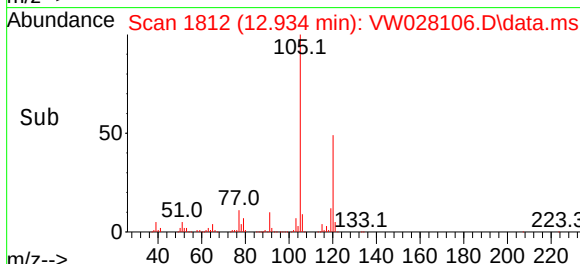
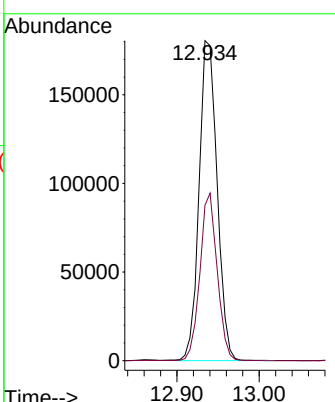
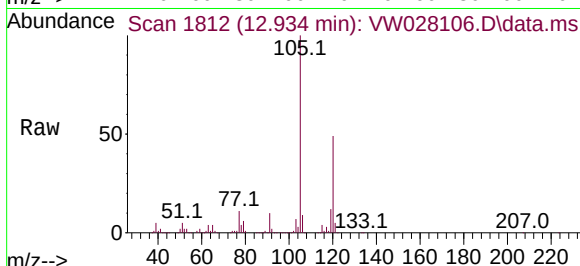




#62
 1,3,5-Trimethylbenzene
 Concen: 23.628 ug/L
 RT: 12.934 min Scan# 1812
 Delta R.T. -0.006 min
 Lab File: VW028106.D
 Acq: 06 Mar 2024 09:00

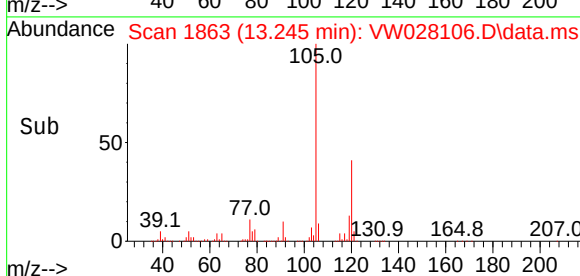
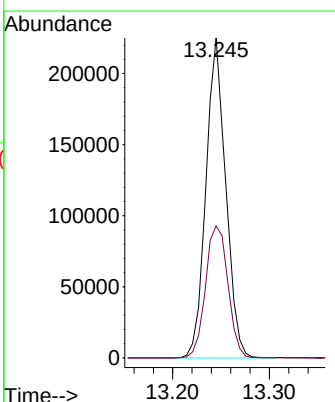
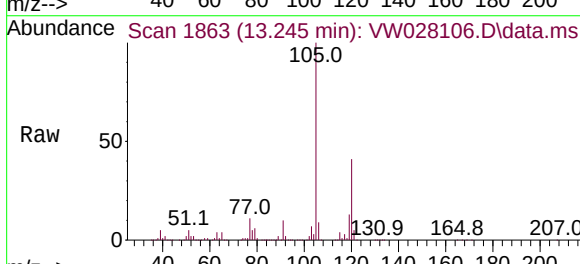
Instrument :
 MSVOA_W
 ClientSampleId :

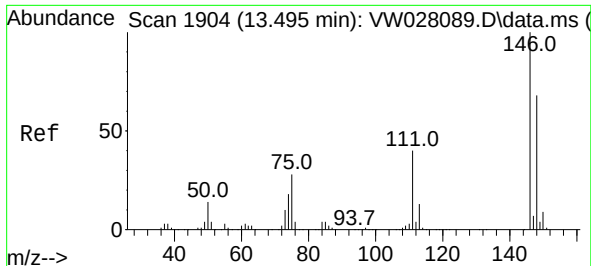
Tgt Ion:	105	Resp:	275094
Ion Ratio	Lower	Upper	
105	100		
120	49.9	38.6	58.0



#63
 1,2,4-Trimethylbenzene
 Concen: 23.052 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VW028106.D
 Acq: 06 Mar 2024 09:00

Tgt Ion:	105	Resp:	320052
Ion Ratio	Lower	Upper	
105	100		
120	46.7	36.4	54.6





#64

1,3-Dichlorobenzene

Concen: 23.004 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW028106.D

Acq: 06 Mar 2024 09:00

Instrument :

MSVOA_W

ClientSampleId :

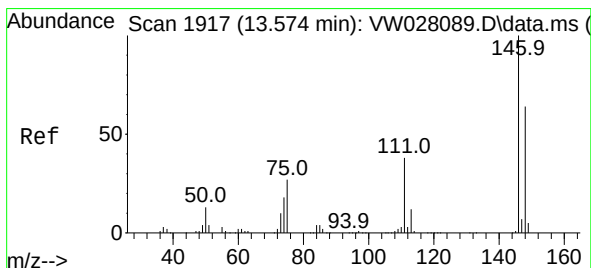
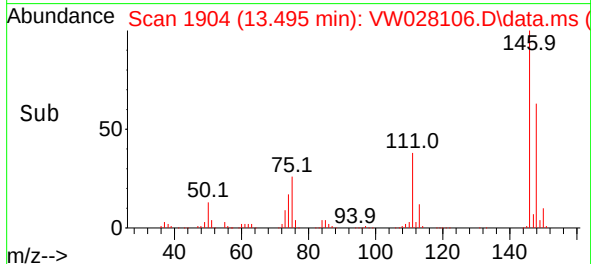
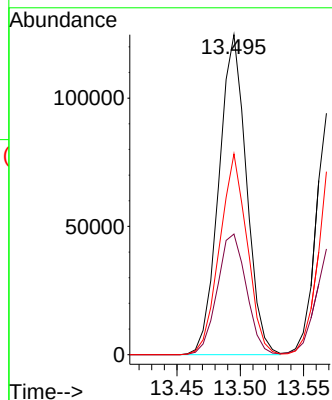
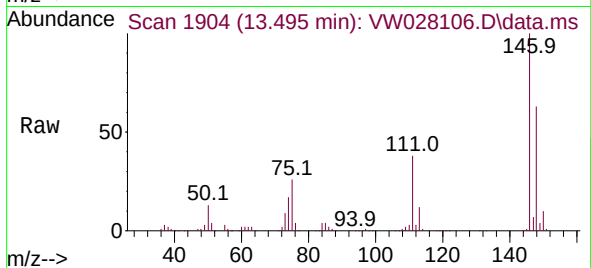
Tgt Ion:146 Resp: 188789

Ion Ratio Lower Upper

146 100

111 37.7 27.9 51.9

148 62.7 38.7 71.9



#65

1,4-Dichlorobenzene

Concen: 22.616 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW028106.D

Acq: 06 Mar 2024 09:00

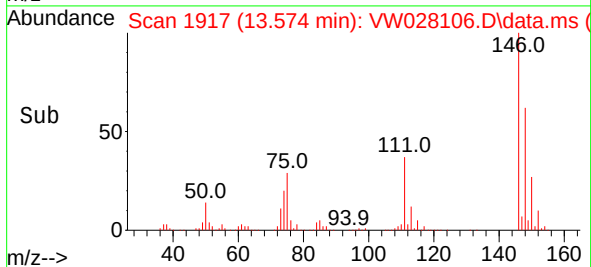
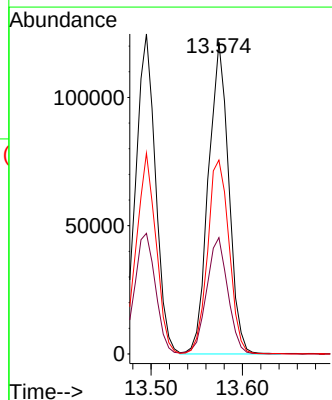
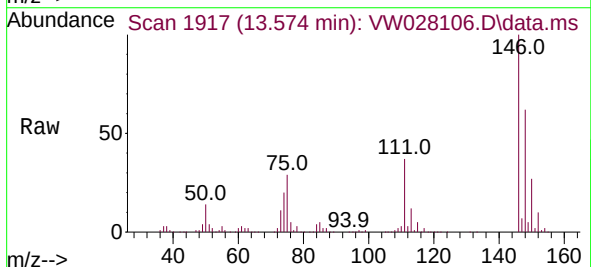
Tgt Ion:146 Resp: 187384

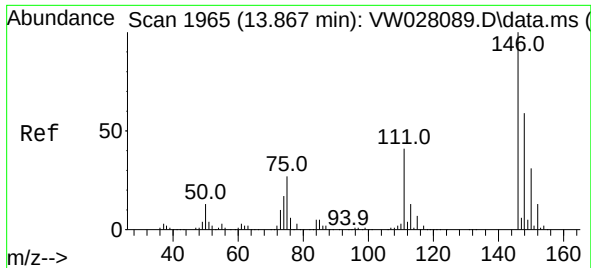
Ion Ratio Lower Upper

146 100

111 37.3 29.3 54.5

148 62.2 47.5 88.1





#67

1,2-Dichlorobenzene

Concen: 23.133 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW028106.D

Acq: 06 Mar 2024 09:00

Instrument :

MSVOA_W

ClientSampleId :

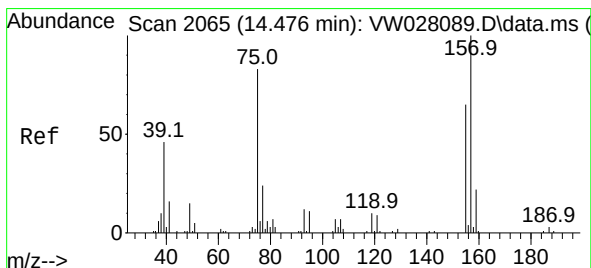
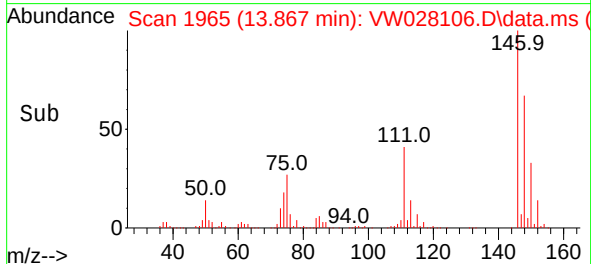
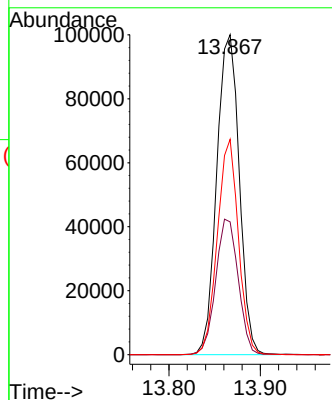
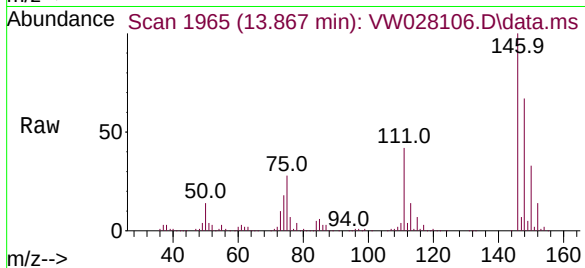
Tgt Ion:146 Resp: 171017

Ion Ratio Lower Upper

146 100

111 41.5 35.4 53.0

148 67.3 55.4 83.2



#68

1,2-Dibromo-3-chloropropane

Concen: 24.519 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW028106.D

Acq: 06 Mar 2024 09:00

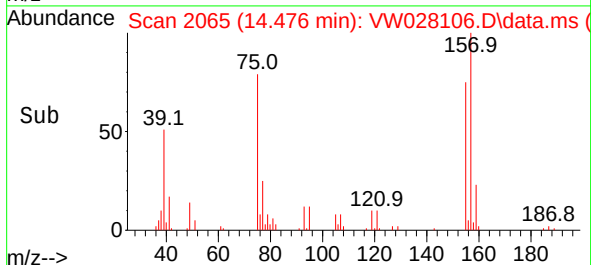
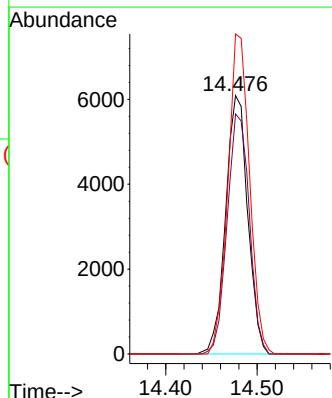
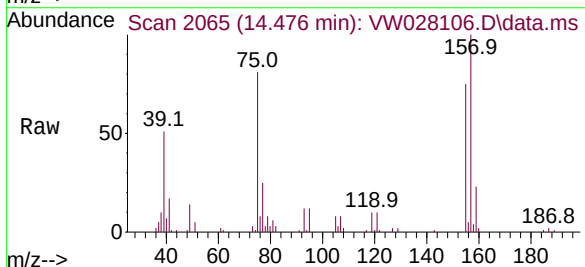
Tgt Ion: 75 Resp: 10247

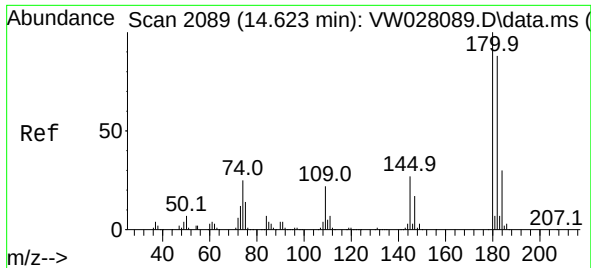
Ion Ratio Lower Upper

75 100

155 92.8 69.3 103.9

157 123.8 82.4 123.6#





#69

1,3,5-Trichlorobenzene

Concen: 22.752 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

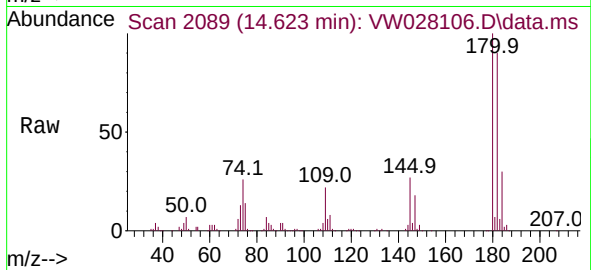
Lab File: VW028106.D

Acq: 06 Mar 2024 09:00

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 137795

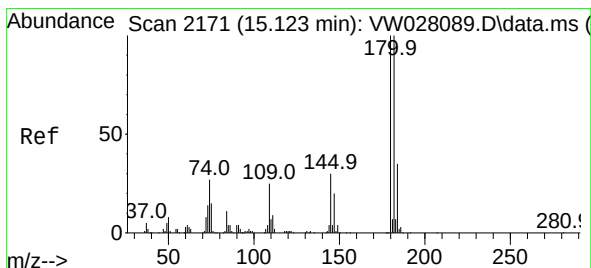
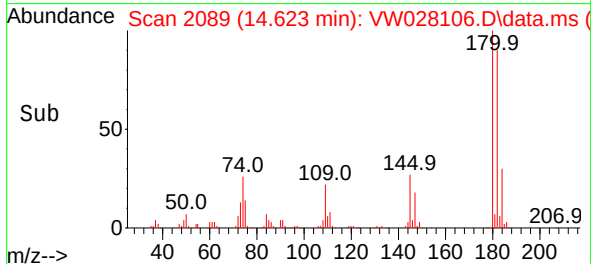
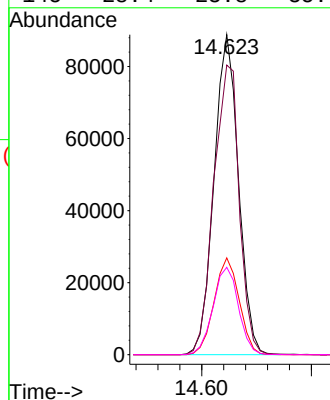
Ion Ratio Lower Upper

180 100

182 94.3 78.2 117.4

184 30.9 25.4 38.2

145 28.4 23.8 35.6



#70

1,2,4-trichlorobenzene

Concen: 22.369 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW028106.D

Acq: 06 Mar 2024 09:00

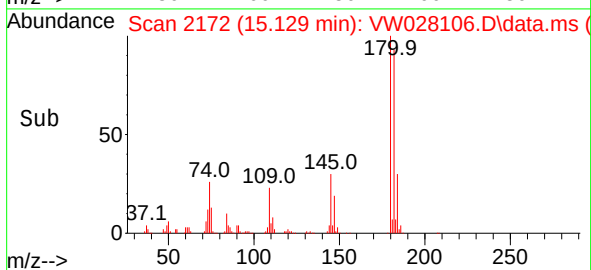
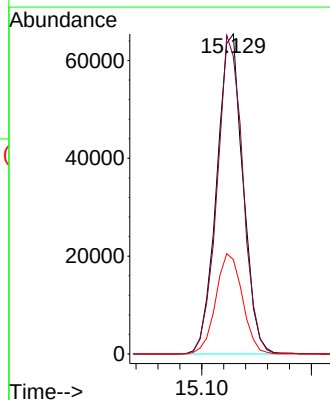
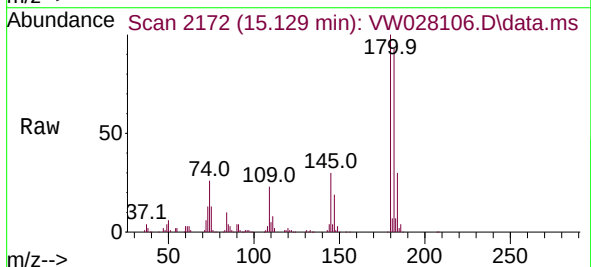
Tgt Ion:180 Resp: 108798

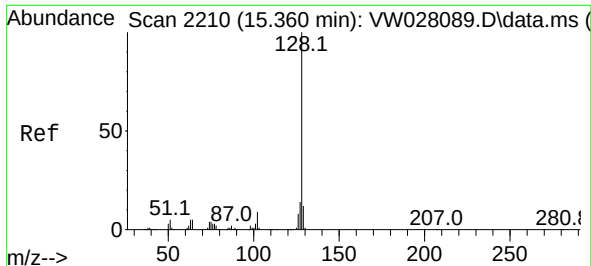
Ion Ratio Lower Upper

180 100

182 97.8 80.1 120.1

145 31.7 24.3 36.5

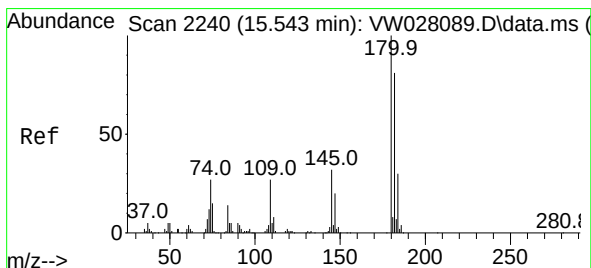
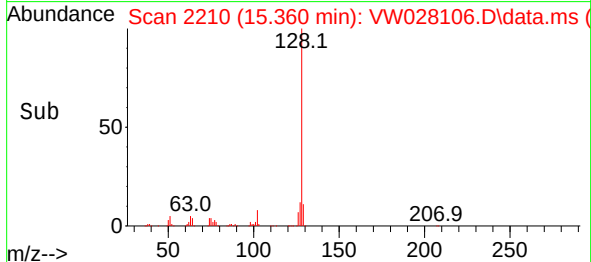
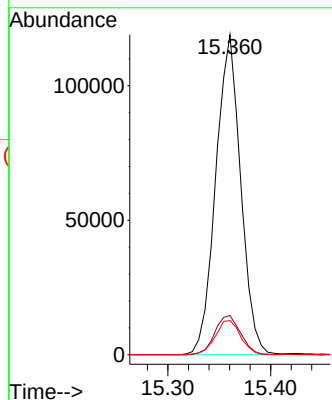
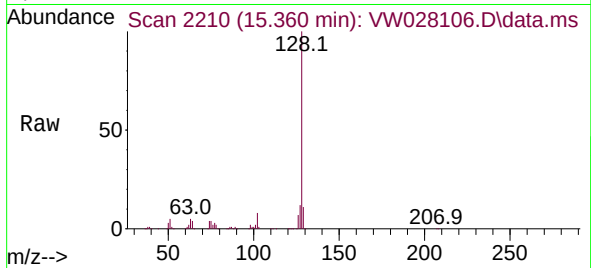




#71
Naphthalene
Concen: 25.174 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW028106.D
Acq: 06 Mar 2024 09:00

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 200257
Ion Ratio Lower Upper
128 100
127 12.7 10.4 15.6
129 10.9 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 23.715 ug/L
RT: 15.543 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VW028106.D
Acq: 06 Mar 2024 09:00

Tgt Ion:180 Resp: 96456
Ion Ratio Lower Upper
180 100
182 96.5 81.4 122.2
145 32.5 26.2 39.2

