

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062624\
 Data File : VW029363.D
 Acq On : 26 Jun 2024 18:12
 Operator : SY/MD
 Sample : P3080-08MS
 Misc : 7.04g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GCL44MS

Quant Time: Jun 27 05:39:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jun 27 05:32:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	414131	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	367479	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	145838	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	92367	16.114	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.440%
7) Chloroethane-d5	2.893	69	80807	16.694	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.760%
11) 1,1-Dichloroethene-d2	4.021	65	47822	17.279	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.120%
21) 2-Butanone-d5	7.075	46	105390	61.454	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.900%
24) Chloroform-d	7.648	84	251720	20.376	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.520%
26) 1,2-Dichloroethane-d4	8.307	65	149910	21.135	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.560%
32) Benzene-d6	8.270	84	461765	20.688	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.760%
36) 1,2-Dichloropropane-d6	9.270	67	156068	21.996	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.000%
41) Toluene-d8	10.319	98	397818	20.145	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.560%
43) trans-1,3-Dichloroprop...	10.575	79	64567	22.582	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.320%
47) 2-Hexanone-d5	10.922	63	79109	71.124	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	142.240%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	146328	25.912	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.640%
66) 1,2-Dichlorobenzene-d4	13.848	152	110581	21.845	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	72980	18.063	ug/L	99
3) Chloromethane	2.223	50	104510	18.141	ug/L	96
5) Vinyl chloride	2.375	62	121123	18.308	ug/L	98
6) Bromomethane	2.789	94	70706	17.781	ug/L	94
8) Chloroethane	2.930	64	79691	19.693	ug/L	98
9) Trichlorofluoromethane	3.265	101	112185	21.872	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	109222	19.313	ug/L #	90
12) 1,1-Dichloroethene	4.051	96	105275	21.939	ug/L	76
13) Acetone	4.119	43	115625	79.336	ug/L	97
14) Carbon disulfide	4.393	76	295645	18.873	ug/L	100
15) Methyl Acetate	4.667	43	84075	29.059	ug/L	99
16) Methylene chloride	4.917	84	146064	20.058	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	118705	22.275	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	237614	27.870	ug/L	98
19) 1,1-Dichloroethane	6.216	63	259989	22.589	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	136837	23.286	ug/L	99
22) 2-Butanone	7.167	43	116619	58.373	ug/L	97
23) Bromochloromethane	7.514	128	61607	23.550	ug/L	95
25) Chloroform	7.673	83	256016	22.780	ug/L	96

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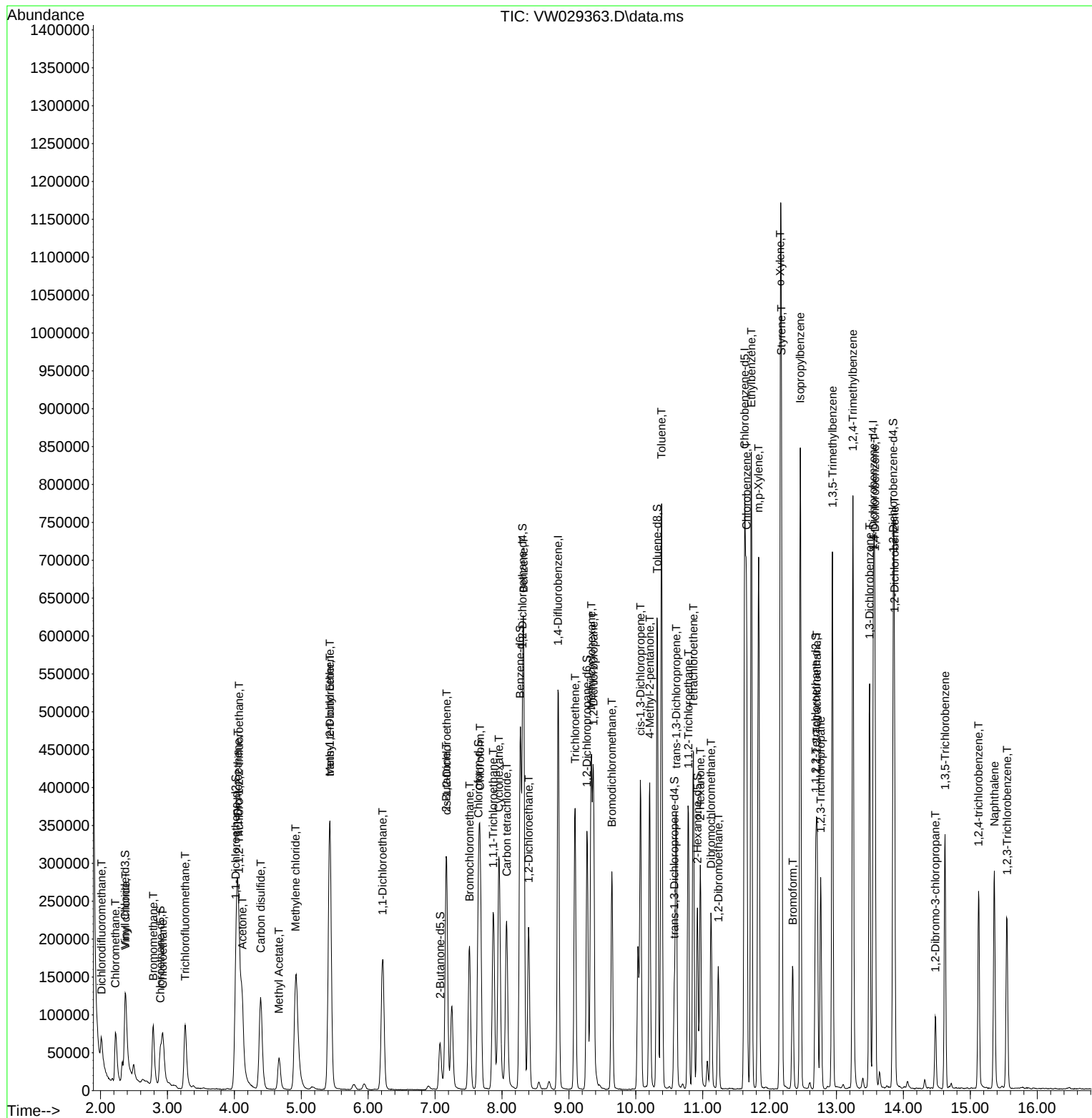
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	191799	23.139	ug/L	99
29) Cyclohexane	7.953	56	179768	21.399	ug/L	100
30) 1,1,1-Trichloroethane	7.868	97	191831	23.476	ug/L	97
31) Carbon tetrachloride	8.069	117	169605	22.721	ug/L	97
33) Benzene	8.325	78	522293	23.654	ug/L	100
34) Trichloroethene	9.093	95	131402	22.306	ug/L	97
35) Methylcyclohexane	9.337	83	167570	18.088	ug/L	97
37) 1,2-Dichloropropane	9.368	63	153078	24.673	ug/L	98
38) Bromodichloromethane	9.642	83	187656	24.738	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	227803	25.974	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	272959	70.981	ug/L	98
42) Toluene	10.386	91	543232	23.932	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	196129	26.484	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	117353	27.158	ug/L	97
46) Tetrachloroethene	10.861	164	97319	23.633	ug/L	90
48) 2-Hexanone	10.965	43	195597	71.682	ug/L	98
49) Dibromochloromethane	11.123	129	119104	26.368	ug/L	88
50) 1,2-Dibromoethane	11.233	107	107700	27.766	ug/L	99
51) Chlorobenzene	11.654	112	319283	21.661	ug/L	99
52) Ethylbenzene	11.727	91	570969	22.159	ug/L	93
53) m,p-Xylene	11.837	106	209230	22.231	ug/L	96
54) o-Xylene	12.160	106	208349	23.687	ug/L	97
55) Styrene	12.178	104	321120	20.939	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	148656	27.812	ug/L	96
59) Bromoform	12.349	173	66905	33.473	ug/L	99
60) Isopropylbenzene	12.458	105	515024	26.503	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	113208	35.589	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	360719	25.631	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	394861	26.077	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	198827	23.643	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	207420	23.182	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	191341	24.612	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	24891	33.531	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	92670	16.328	ug/L	97
70) 1,2,4-trichlorobenzene	15.123	180	76528	16.634	ug/L	99
71) Naphthalene	15.360	128	224359	24.708	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	70787	16.886	ug/L	98

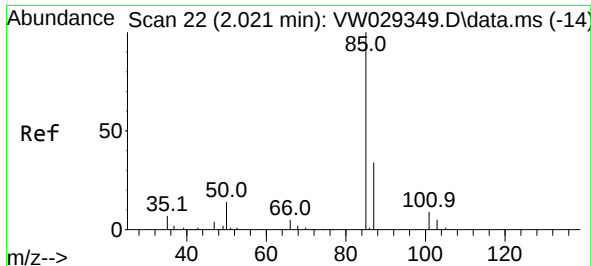
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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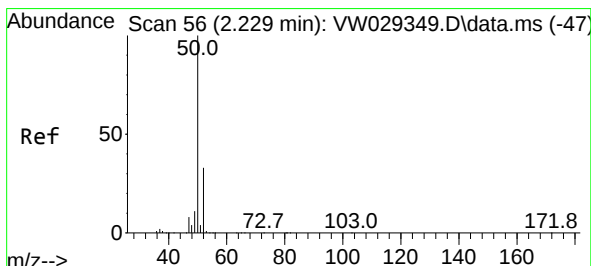
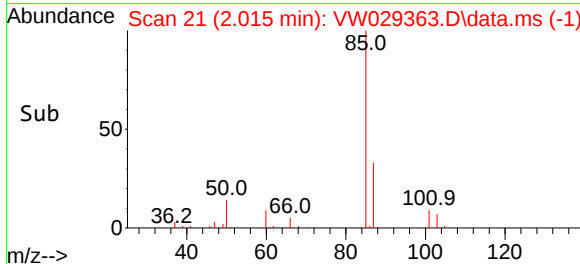
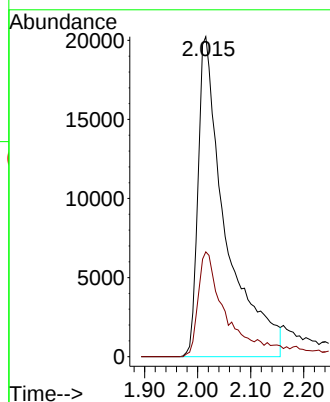
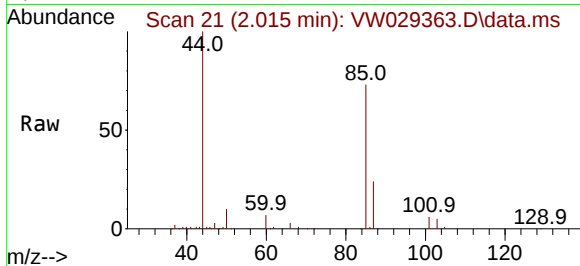




#2
Dichlorodifluoromethane
Concen: 18.063 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW029363.D
Acq: 26 Jun 2024 18:12

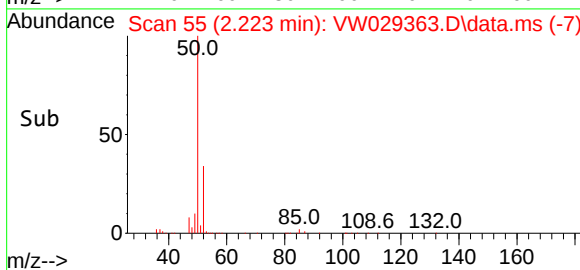
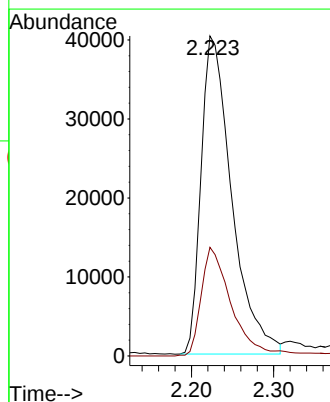
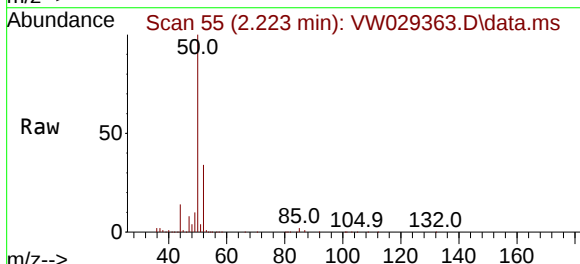
Instrument :
MSVOA_W
ClientSampleId :
GCL44MS

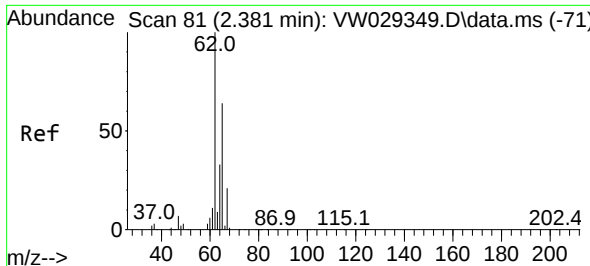
Tgt Ion: 85 Resp: 72980
Ion Ratio Lower Upper
85 100
87 30.2 23.8 35.6



#3
Chloromethane
Concen: 18.141 ug/L
RT: 2.223 min Scan# 55
Delta R.T. -0.006 min
Lab File: VW029363.D
Acq: 26 Jun 2024 18:12

Tgt Ion: 50 Resp: 104510
Ion Ratio Lower Upper
50 100
52 33.9 22.3 41.5

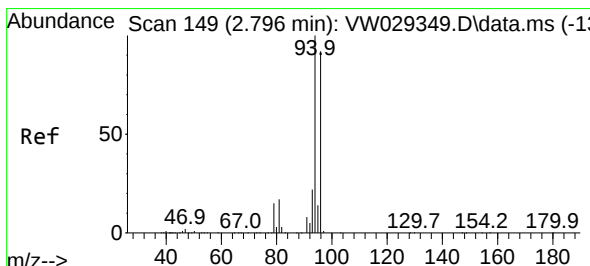
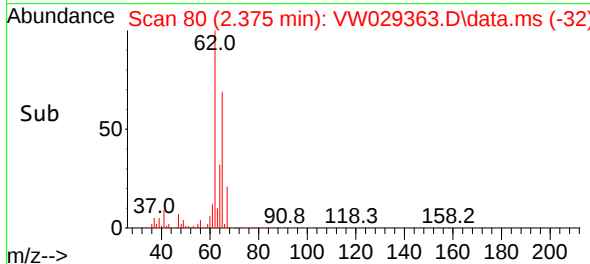
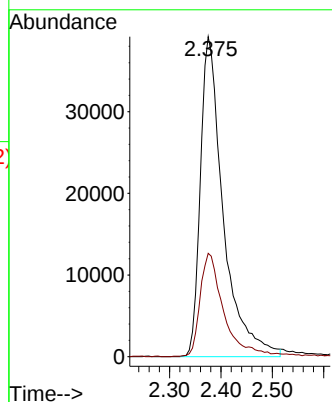
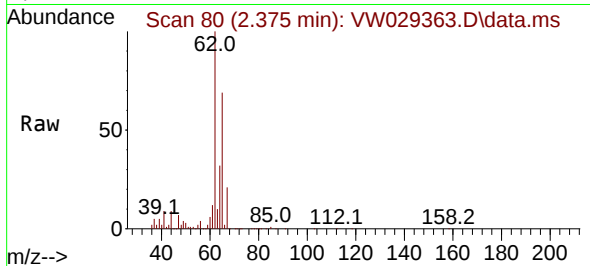




#5
 Vinyl chloride
 Concen: 18.308 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: VW029363.D
 Acq: 26 Jun 2024 18:12

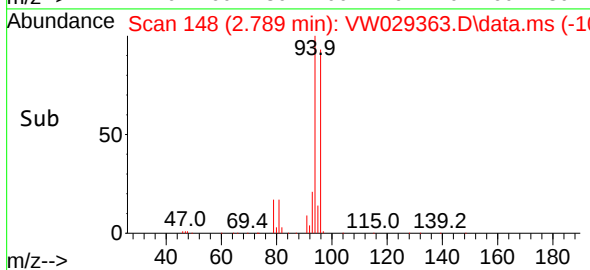
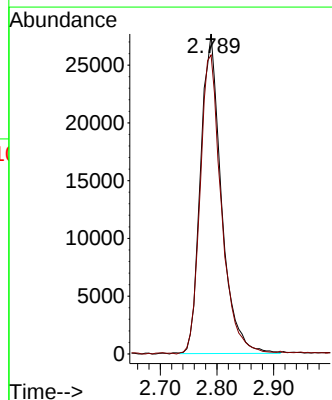
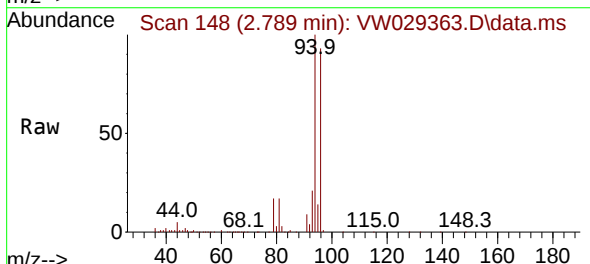
Instrument :
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 ClientSampleId :
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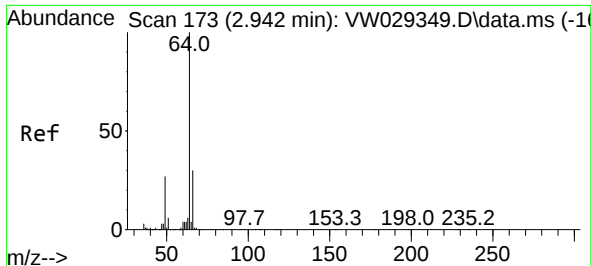
Tgt Ion: 62 Resp: 121123
 Ion Ratio Lower Upper
 62 100
 64 32.3 22.0 40.8



#6
 Bromomethane
 Concen: 17.781 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.006 min
 Lab File: VW029363.D
 Acq: 26 Jun 2024 18:12

Tgt Ion: 94 Resp: 70706
 Ion Ratio Lower Upper
 94 100
 96 93.5 69.5 129.1

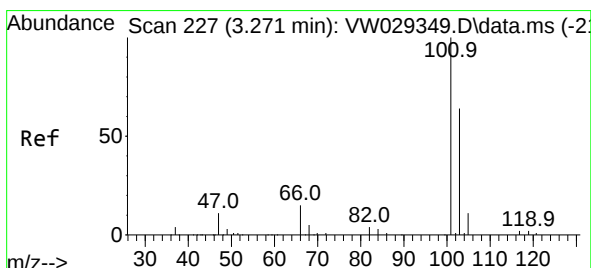
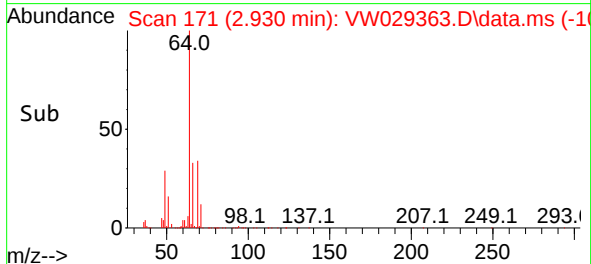
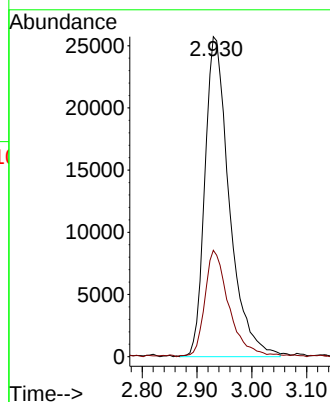
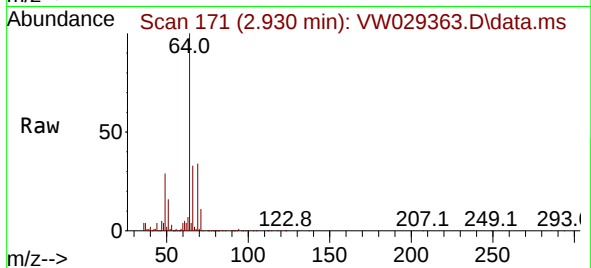




#8
Chloroethane
Concen: 19.693 ug/L
RT: 2.930 min Scan# 11
Delta R.T. -0.012 min
Lab File: VW029363.D
Acq: 26 Jun 2024 18:12

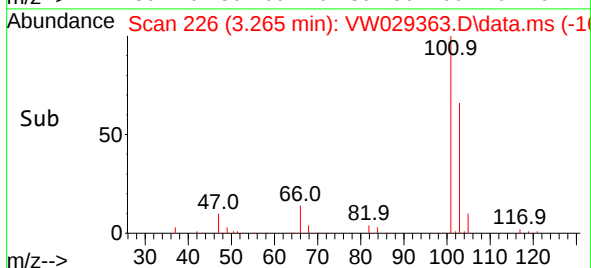
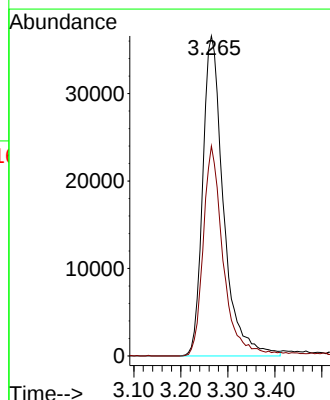
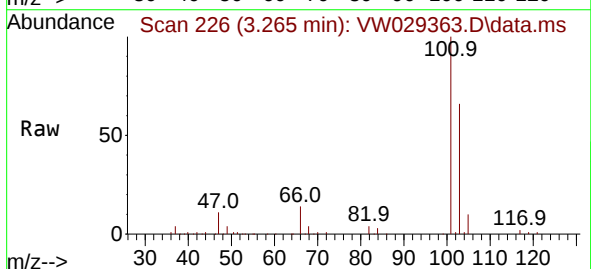
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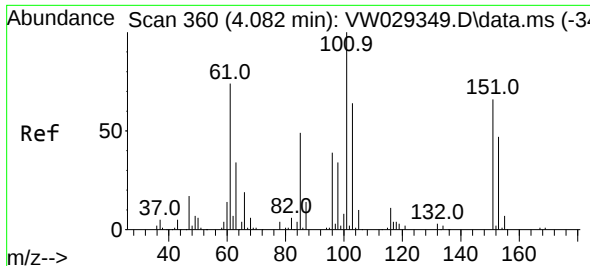
Tgt Ion: 64 Resp: 79691
Ion Ratio Lower Upper
64 100
66 33.2 22.5 41.9



#9
Trichlorofluoromethane
Concen: 21.872 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW029363.D
Acq: 26 Jun 2024 18:12

Tgt Ion: 101 Resp: 112185
Ion Ratio Lower Upper
101 100
103 61.3 50.8 76.2

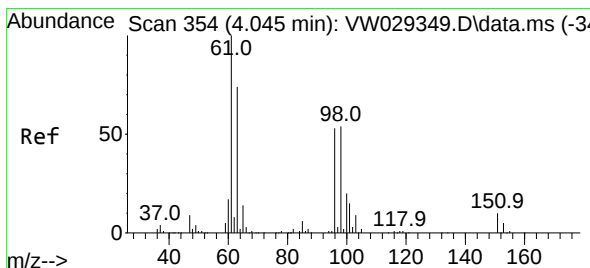
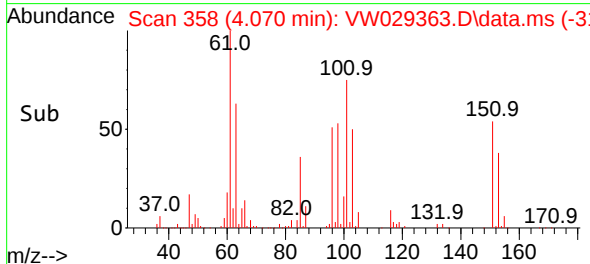
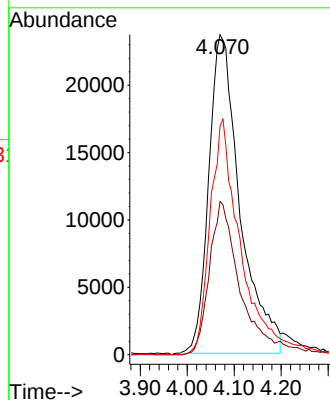
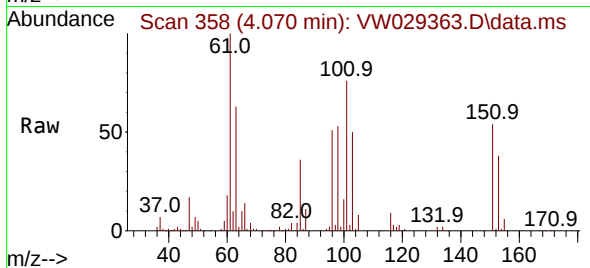




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 19.313 ug/L
RT: 4.070 min Scan# 310
Delta R.T. -0.012 min
Lab File: VW029363.D
Acq: 26 Jun 2024 18:12

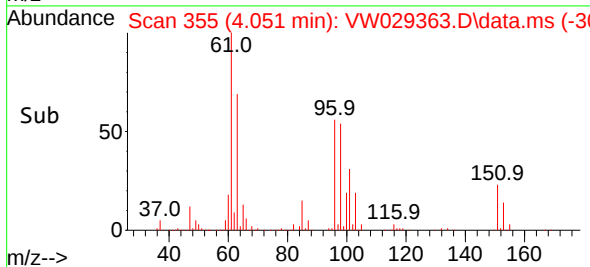
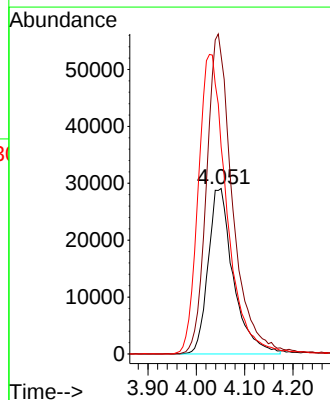
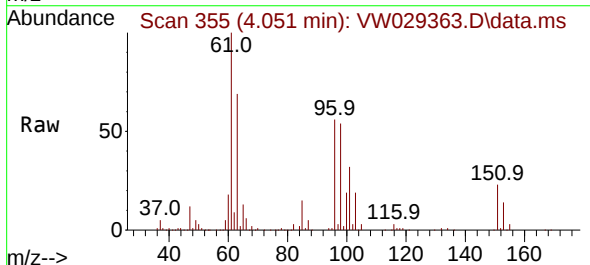
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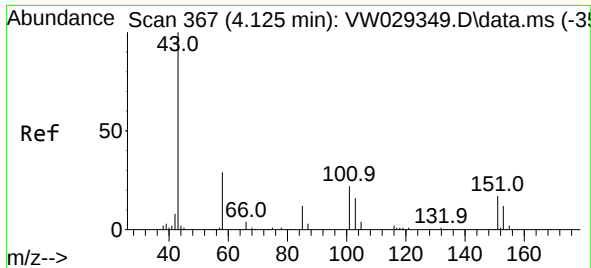
Tgt Ion:101 Resp: 109222
Ion Ratio Lower Upper
101 100
85 45.6 30.2 45.2#
151 72.3 52.2 78.4



#12
1,1-Dichloroethene
Concen: 21.939 ug/L
RT: 4.051 min Scan# 355
Delta R.T. 0.006 min
Lab File: VW029363.D
Acq: 26 Jun 2024 18:12

Tgt Ion: 96 Resp: 105275
Ion Ratio Lower Upper
96 100
61 180.1 140.1 260.3
63 125.1 122.0 226.6





#13

Acetone

Concen: 79.336 ug/L

RT: 4.119 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW029363.D

Acq: 26 Jun 2024 18:12

Instrument :

MSVOA_W

ClientSampleId :

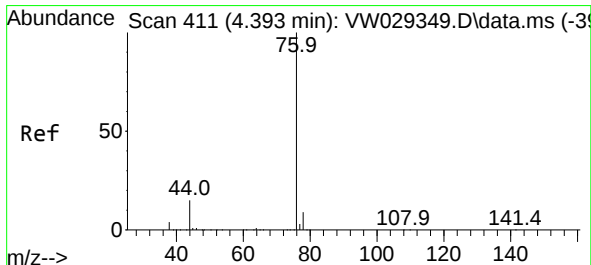
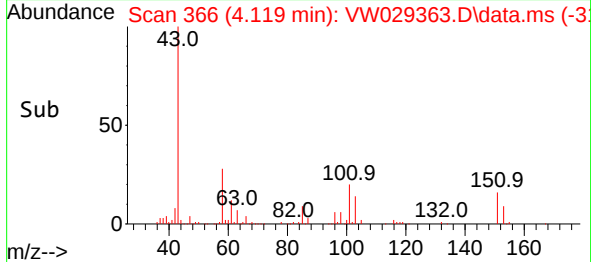
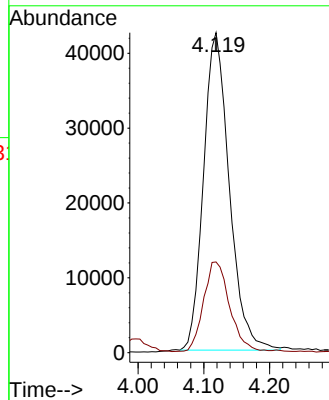
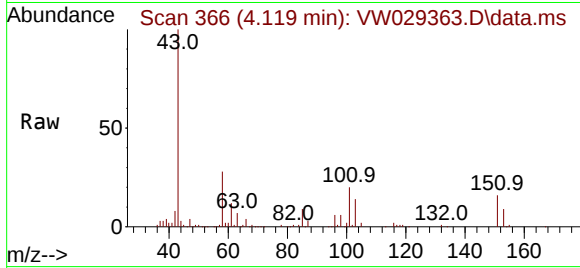
GCL44MS

Tgt Ion: 43 Resp: 115625

Ion Ratio Lower Upper

43 100

58 29.3 0.0 61.4



#14

Carbon disulfide

Concen: 18.873 ug/L

RT: 4.393 min Scan# 411

Delta R.T. 0.000 min

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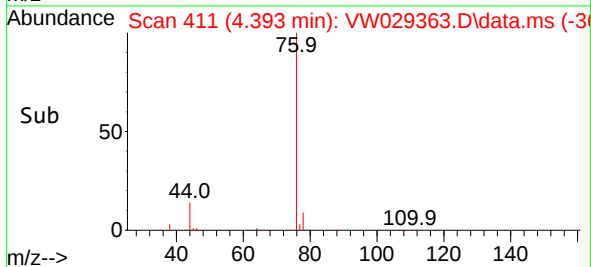
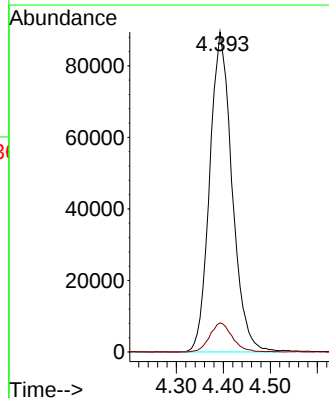
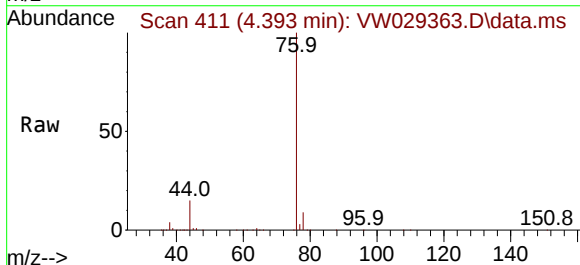
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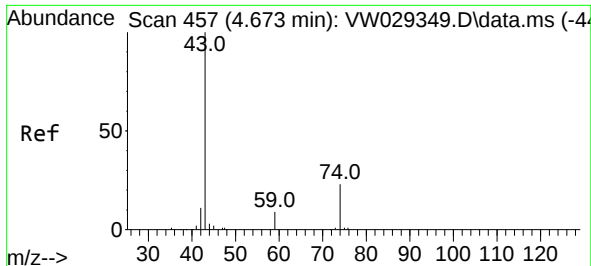
Tgt Ion: 76 Resp: 295645

Ion Ratio Lower Upper

76 100

78 9.1 7.2 10.8

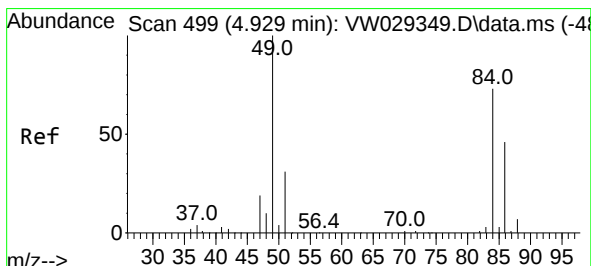
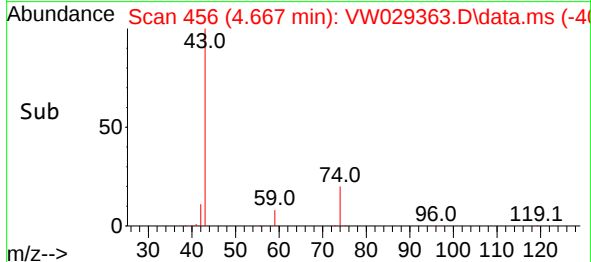
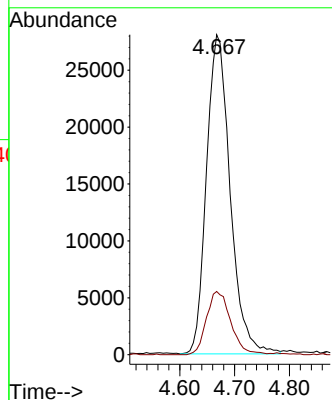
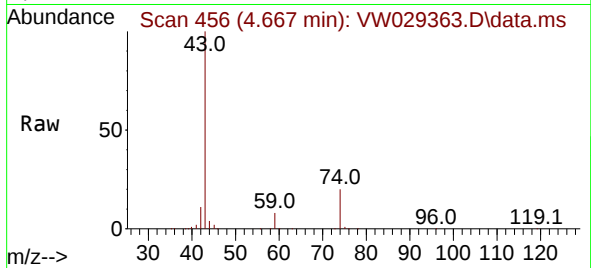




#15
Methyl Acetate
Concen: 29.059 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW029363.D
Acq: 26 Jun 2024 18:12

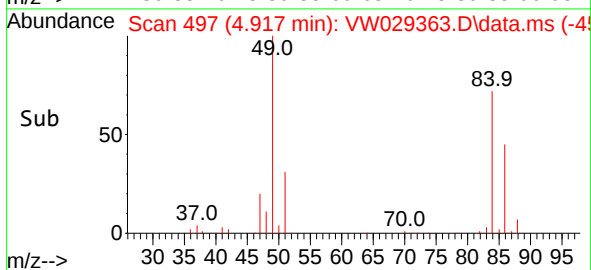
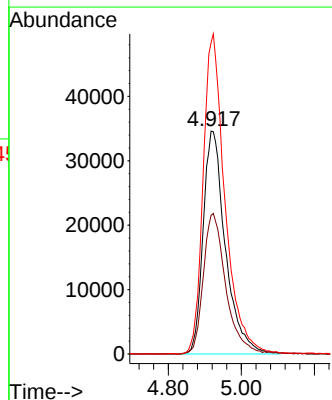
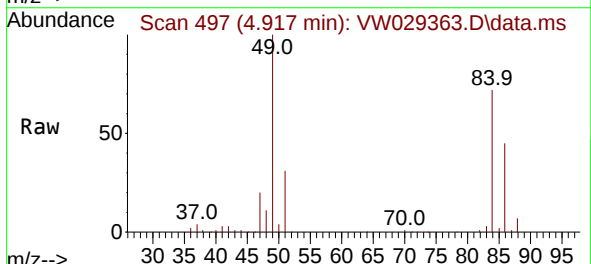
Instrument :
MSVOA_W
ClientSampleId :
GCL44MS

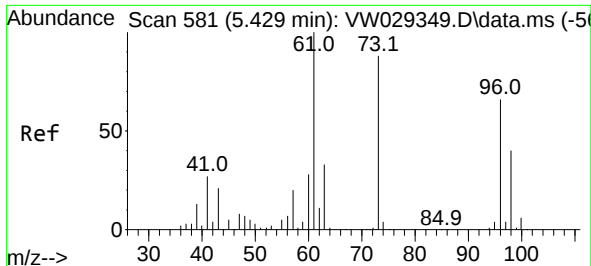
Tgt Ion: 43 Resp: 84075
Ion Ratio Lower Upper
43 100
74 20.3 16.6 25.0



#16
Methylene chloride
Concen: 20.058 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.012 min
Lab File: VW029363.D
Acq: 26 Jun 2024 18:12

Tgt Ion: 84 Resp: 146064
Ion Ratio Lower Upper
84 100
86 62.2 41.4 77.0
49 139.6 95.7 177.7





#17

trans-1,2-Dichloroethene

Concen: 22.275 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW029363.D

Acq: 26 Jun 2024 18:12

Instrument :

MSVOA_W

ClientSampleId :

GCL44MS

Tgt Ion: 96 Resp: 118705

Ion Ratio Lower Upper

96 100

61 150.7

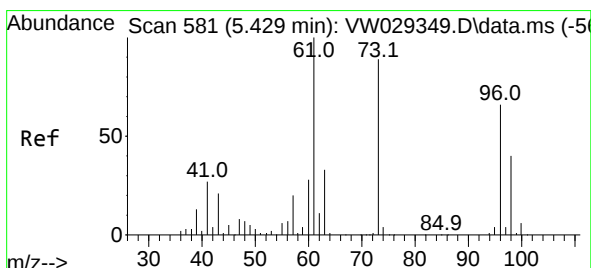
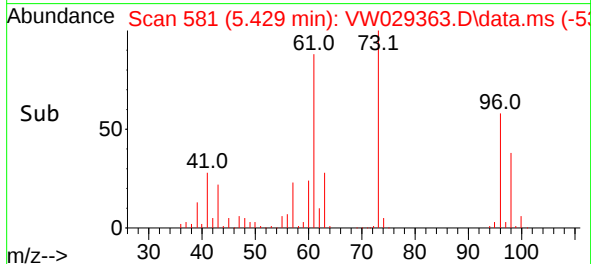
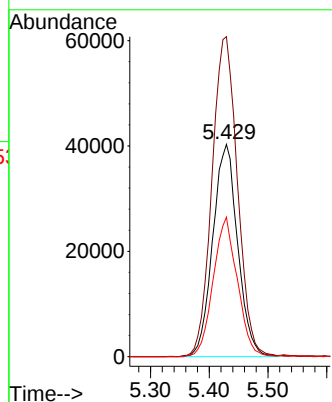
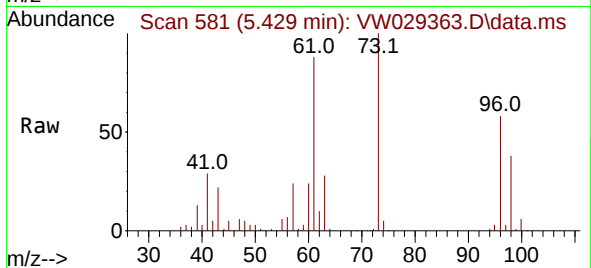
98 65.7

101.5

43.3

188.5

80.3



#18

Methyl tert-butyl Ether

Concen: 27.870 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW029363.D

Acq: 26 Jun 2024 18:12

Tgt Ion: 73 Resp: 237614

Ion Ratio Lower Upper

73 100

43 23.3

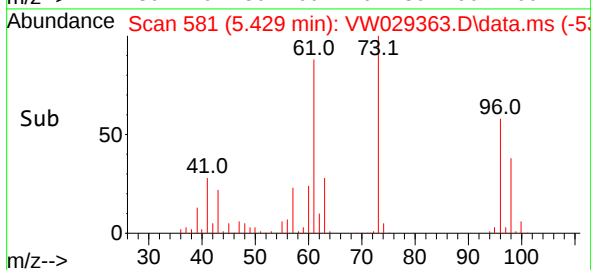
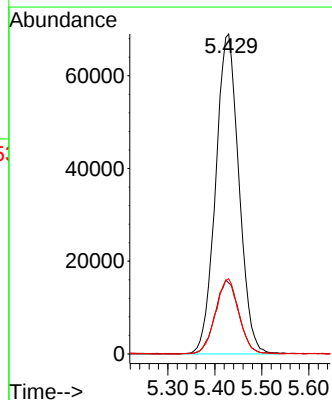
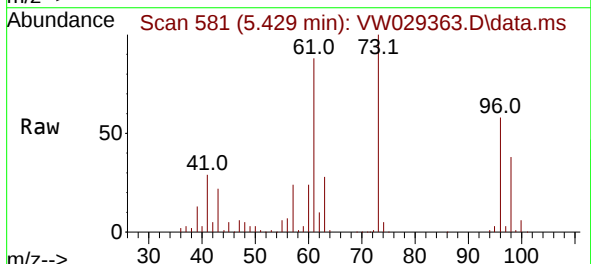
57 23.5

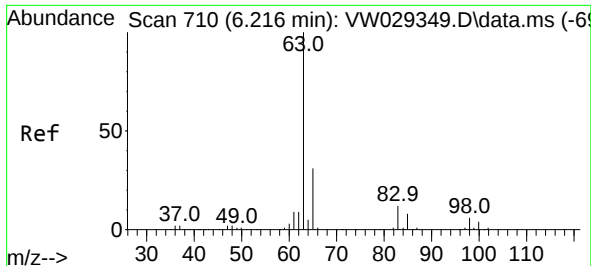
19.5

29.3

18.4

27.6

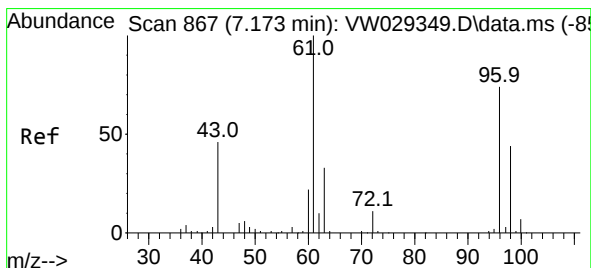
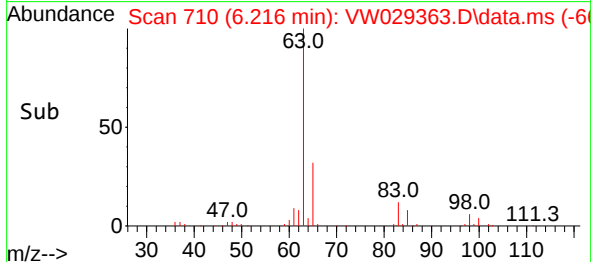
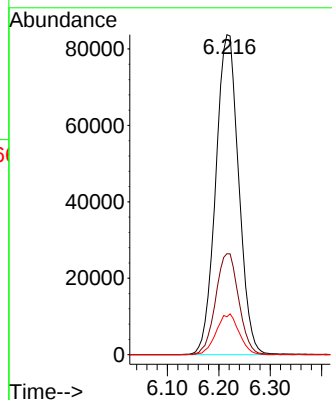
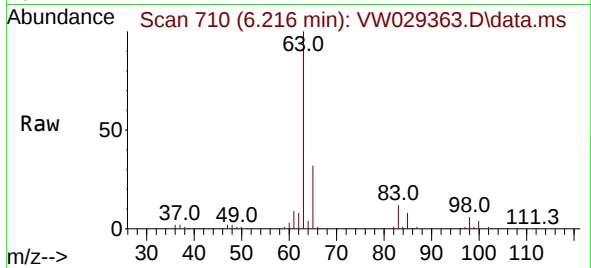




#19
1,1-Dichloroethane
Concen: 22.589 ug/L
RT: 6.216 min Scan# 710
Delta R.T. 0.000 min
Lab File: VW029363.D
Acq: 26 Jun 2024 18:12

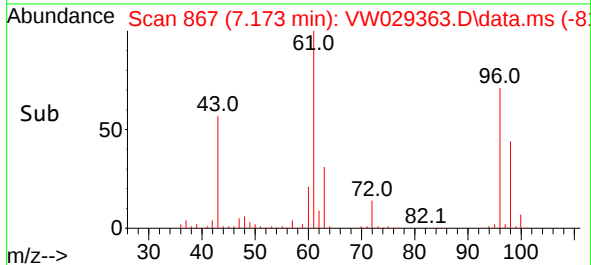
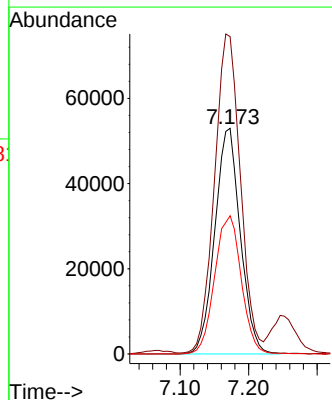
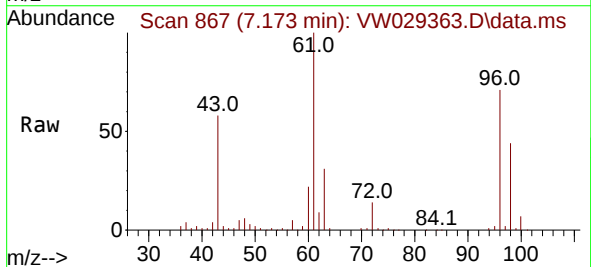
Instrument :
MSVOA_W
ClientSampleId :
GCL44MS

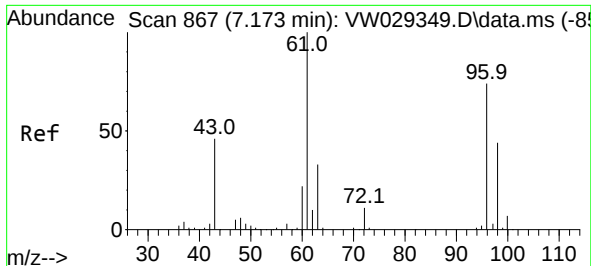
Tgt Ion: 63 Resp: 259989
Ion Ratio Lower Upper
63 100
65 31.6 23.4 43.4
83 11.9 8.9 16.5



#20
cis-1,2-Dichloroethene
Concen: 23.286 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW029363.D
Acq: 26 Jun 2024 18:12

Tgt Ion: 96 Resp: 136837
Ion Ratio Lower Upper
96 100
61 140.6 97.8 181.6
98 61.3 43.0 79.8

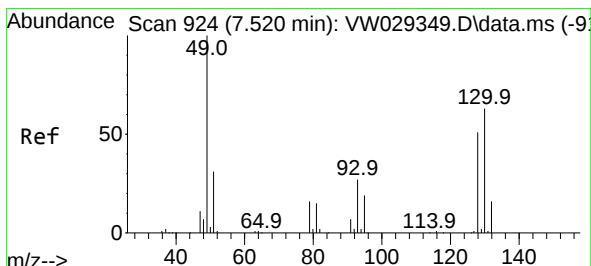
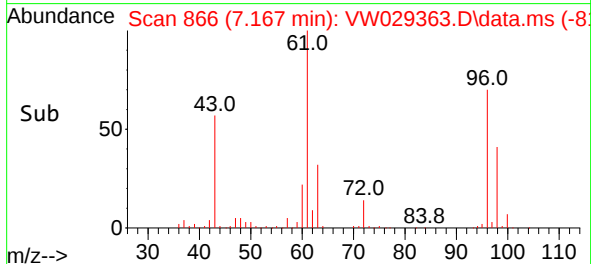
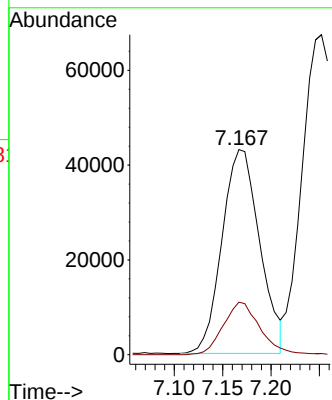
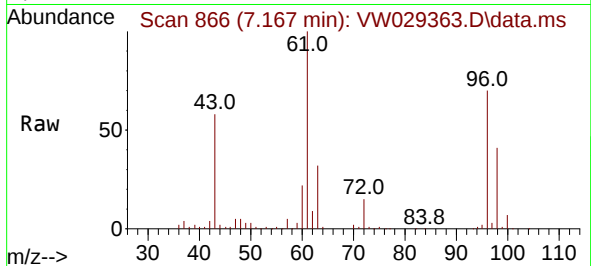




#22
2-Butanone
Concen: 58.373 ug/L
RT: 7.167 min Scan# 80
Delta R.T. -0.006 min
Lab File: VW029363.D
Acq: 26 Jun 2024 18:12

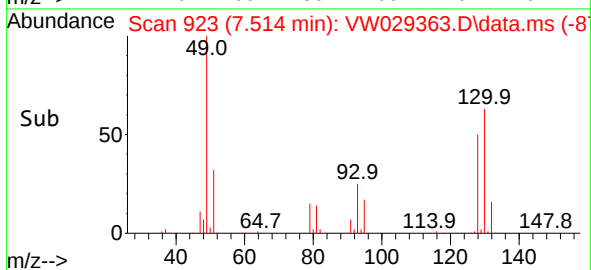
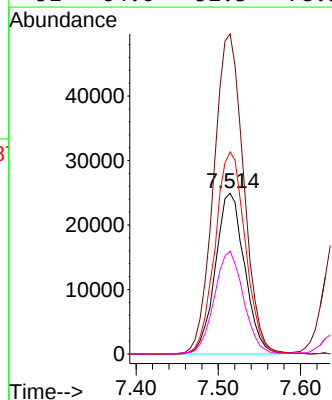
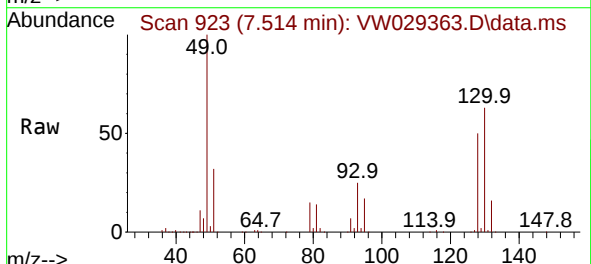
Instrument :
MSVOA_W
ClientSampleId :
GCL44MS

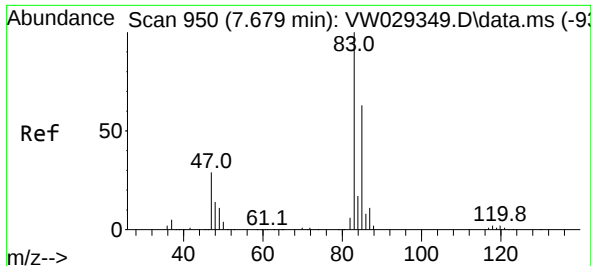
Tgt Ion: 43 Resp: 116619
Ion Ratio Lower Upper
43 100
72 25.1 11.9 35.7



#23
Bromochloromethane
Concen: 23.550 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.006 min
Lab File: VW029363.D
Acq: 26 Jun 2024 18:12

Tgt Ion: 128 Resp: 61607
Ion Ratio Lower Upper
128 100
49 199.2 142.6 264.8
130 125.8 79.7 148.1
51 64.0 52.3 78.5

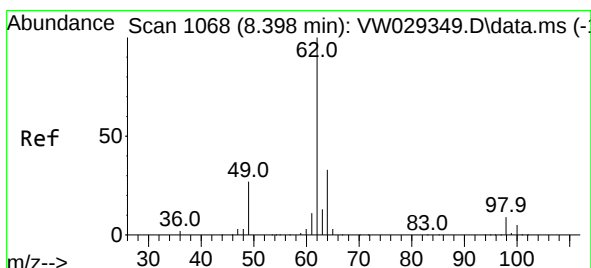
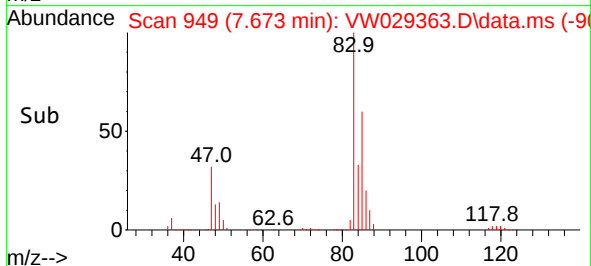
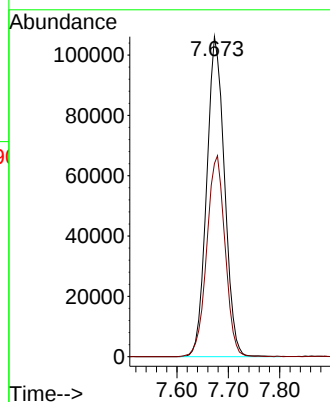
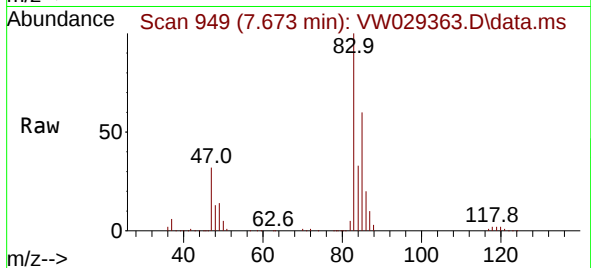




#25
Chloroform
Concen: 22.780 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW029363.D
Acq: 26 Jun 2024 18:12

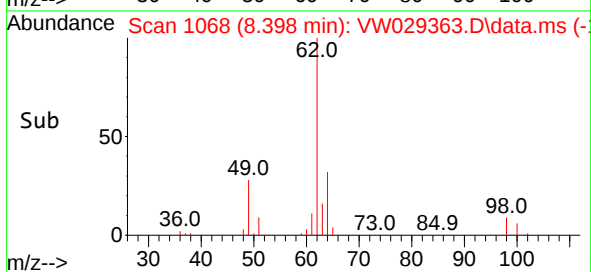
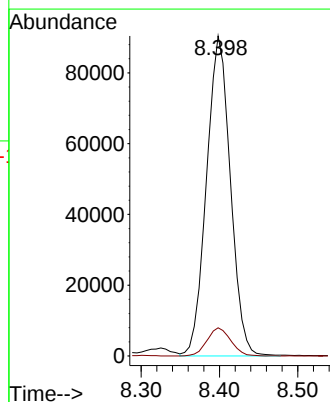
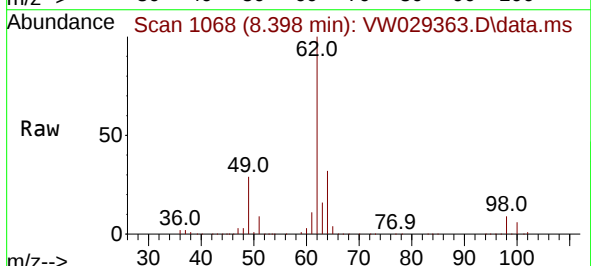
Instrument :
MSVOA_W
ClientSampleId :
GCL44MS

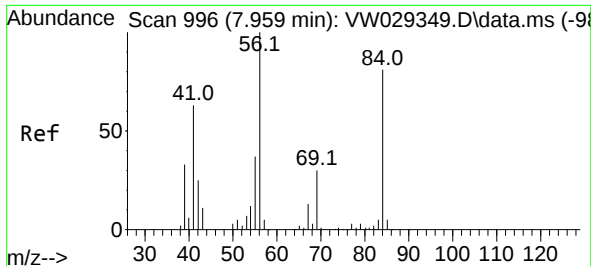
Tgt Ion: 83 Resp: 256016
Ion Ratio Lower Upper
83 100
85 60.3 44.4 82.4



#27
1,2-Dichloroethane
Concen: 23.139 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW029363.D
Acq: 26 Jun 2024 18:12

Tgt Ion: 62 Resp: 191799
Ion Ratio Lower Upper
62 100
98 8.8 6.6 10.0





#29

Cyclohexane

Concen: 21.399 ug/L

RT: 7.953 min Scan# 996

Delta R.T. -0.006 min

Lab File: VW029363.D

Acq: 26 Jun 2024 18:12

Instrument :

MSVOA_W

ClientSampleId :

GCL44MS

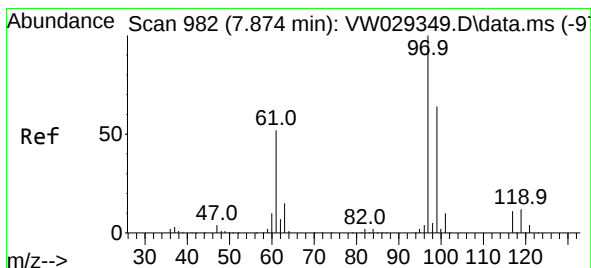
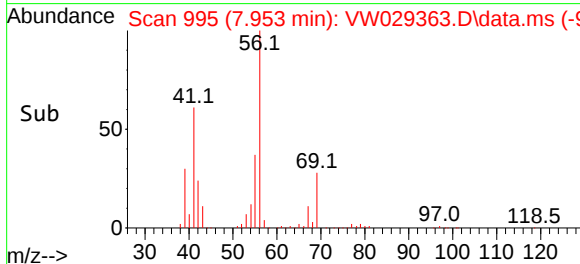
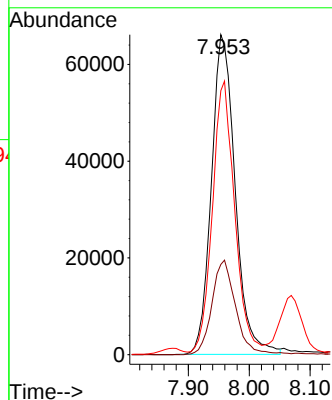
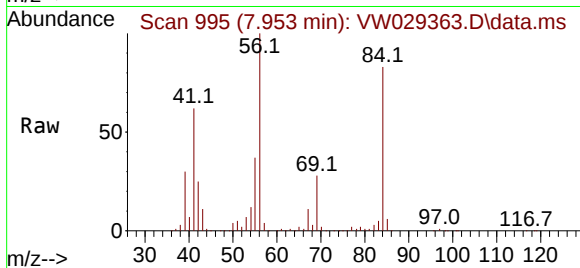
Tgt Ion: 56 Resp: 179768

Ion Ratio Lower Upper

56 100

69 29.2 23.4 35.0

84 80.0 64.5 96.7



#30

1,1,1-Trichloroethane

Concen: 23.476 ug/L

RT: 7.868 min Scan# 981

Delta R.T. -0.006 min

Lab File: VW029363.D

Acq: 26 Jun 2024 18:12

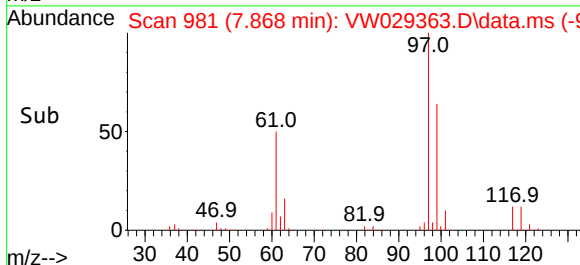
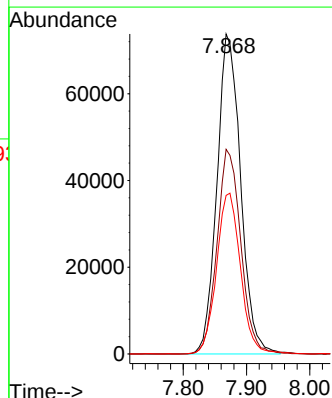
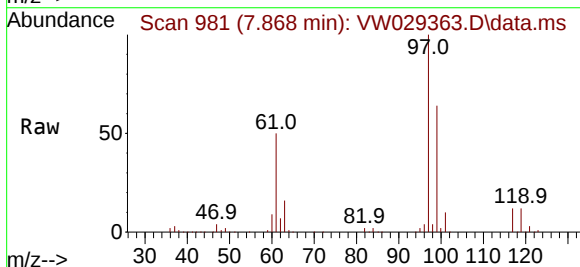
Tgt Ion: 97 Resp: 191831

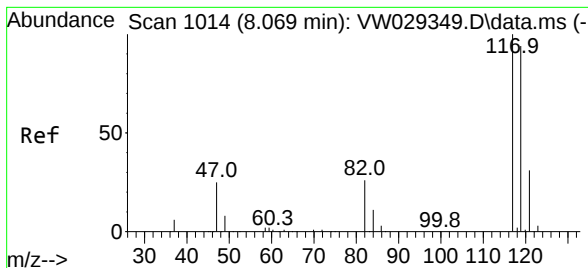
Ion Ratio Lower Upper

97 100

99 64.3 53.0 79.4

61 51.0 43.0 64.4

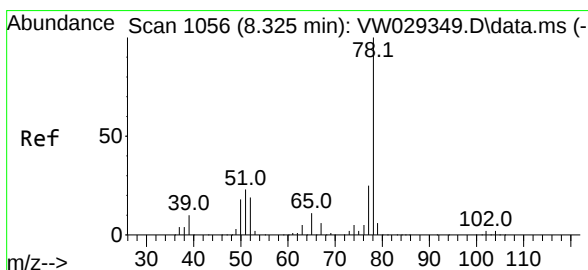
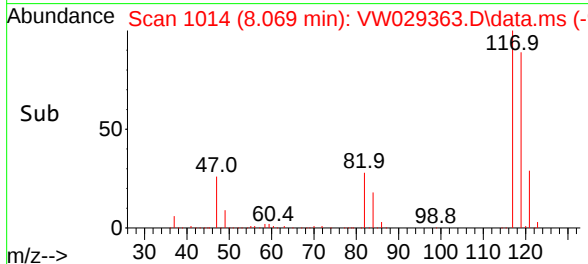
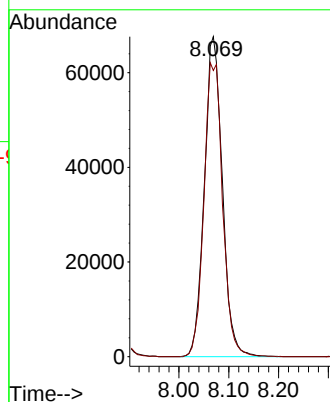
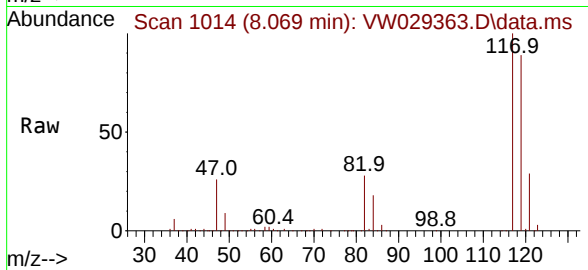




#31
Carbon tetrachloride
Concen: 22.721 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW029363.D
Acq: 26 Jun 2024 18:12

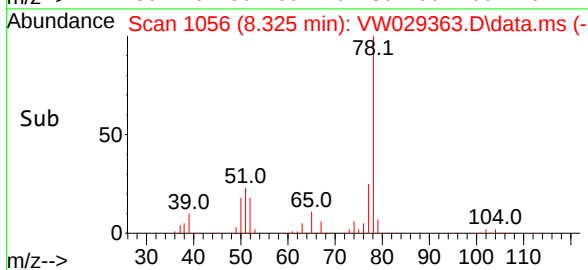
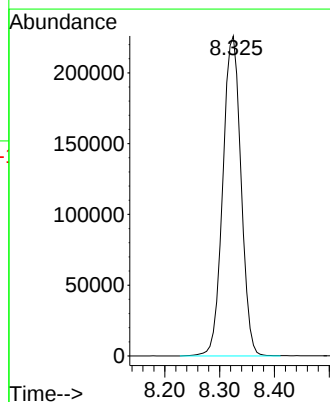
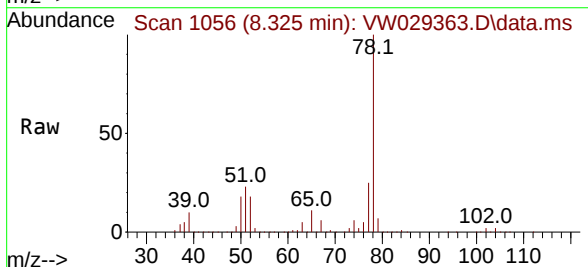
Instrument :
MSVOA_W
ClientSampleId :
GCL44MS

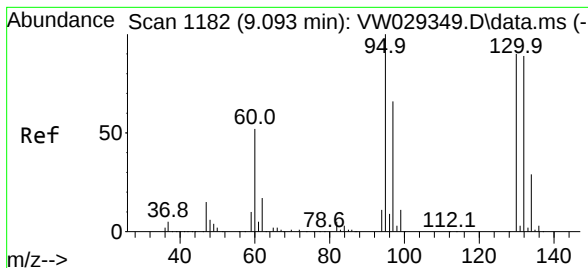
Tgt Ion:117 Resp: 169605
Ion Ratio Lower Upper
117 100
119 95.3 79.0 118.4



#33
Benzene
Concen: 23.654 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW029363.D
Acq: 26 Jun 2024 18:12

Tgt Ion: 78 Resp: 522293





#34

Trichloroethene

Concen: 22.306 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW029363.D

Acq: 26 Jun 2024 18:12

Instrument :

MSVOA_W

ClientSampleId :

GCL44MS

Tgt Ion: 95 Resp: 131402

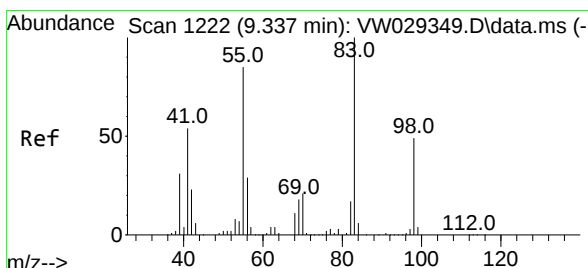
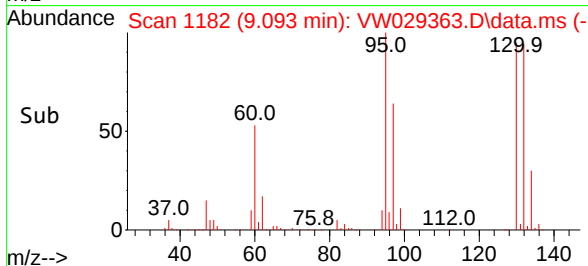
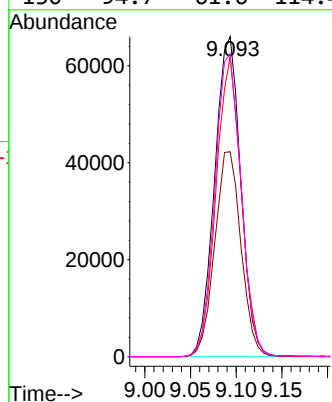
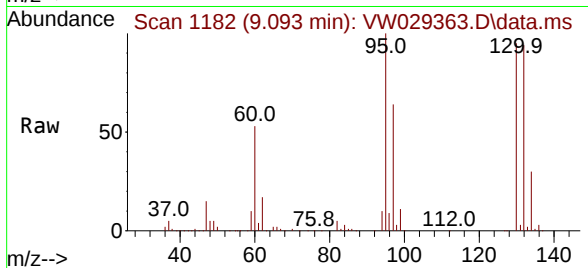
Ion Ratio Lower Upper

95 100

97 64.0 45.7 84.9

132 93.6 66.4 123.4

130 94.7 61.6 114.4



#35

Methylcyclohexane

Concen: 18.088 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW029363.D

Acq: 26 Jun 2024 18:12

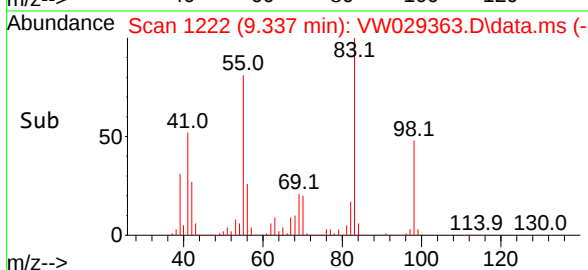
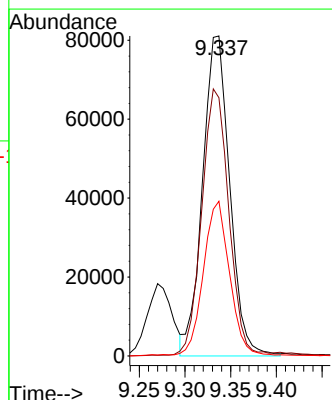
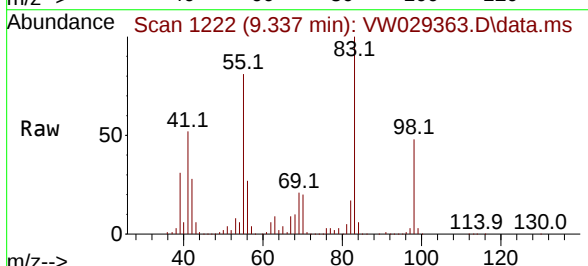
Tgt Ion: 83 Resp: 167570

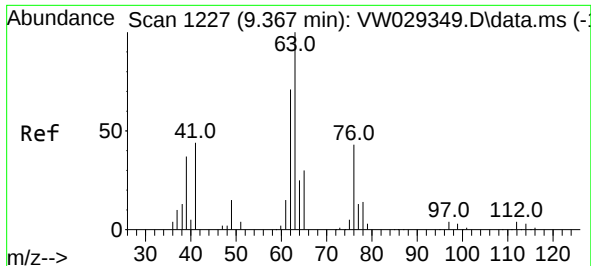
Ion Ratio Lower Upper

83 100

55 83.1 69.5 104.3

98 45.9 38.0 57.0





#37

1,2-Dichloropropane

Concen: 24.673 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW029363.D

Acq: 26 Jun 2024 18:12

Instrument :

MSVOA_W

ClientSampleId :

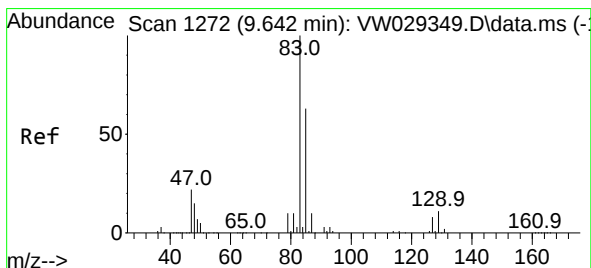
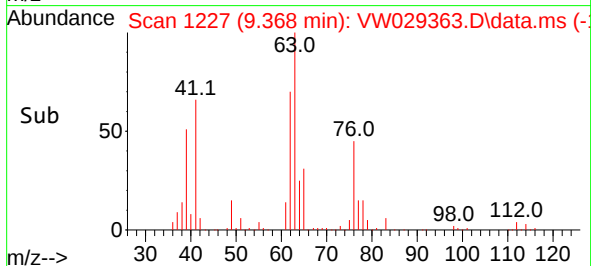
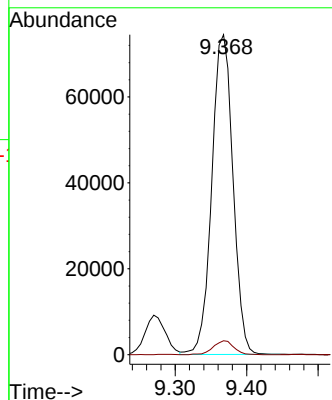
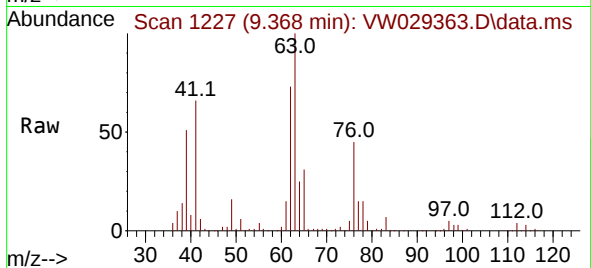
GCL44MS

Tgt Ion: 63 Resp: 153078

Ion Ratio Lower Upper

63 100

112 4.2 3.8 5.6



#38

Bromodichloromethane

Concen: 24.738 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW029363.D

Acq: 26 Jun 2024 18:12

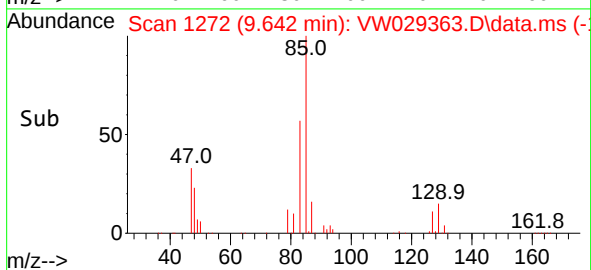
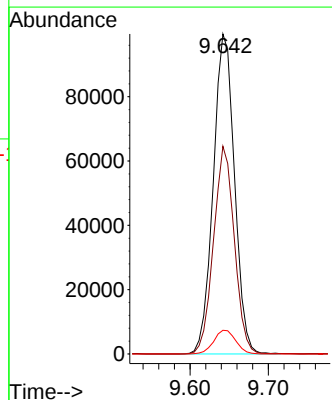
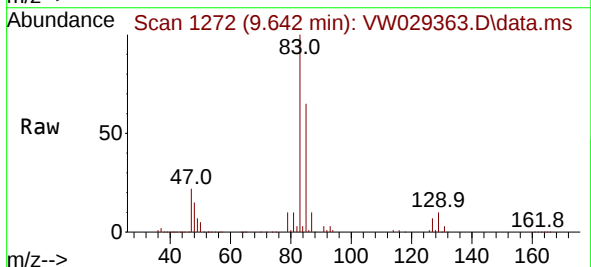
Tgt Ion: 83 Resp: 187656

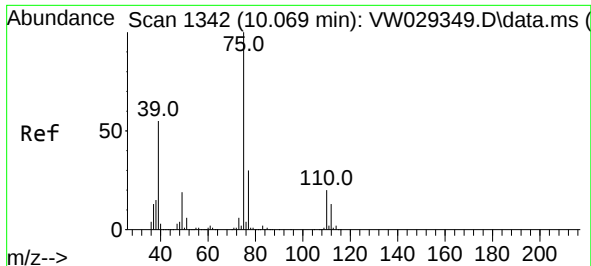
Ion Ratio Lower Upper

83 100

85 64.9 45.1 83.9

127 7.4 5.8 8.6

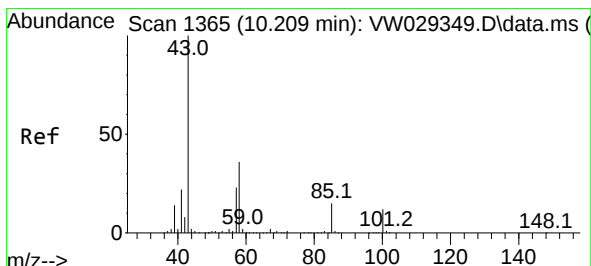
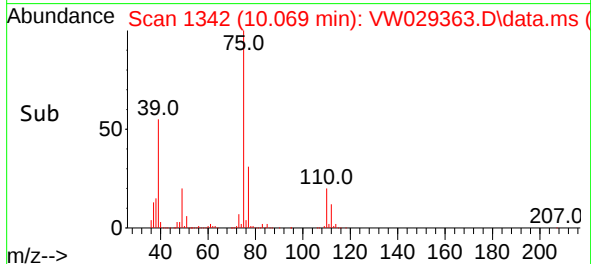
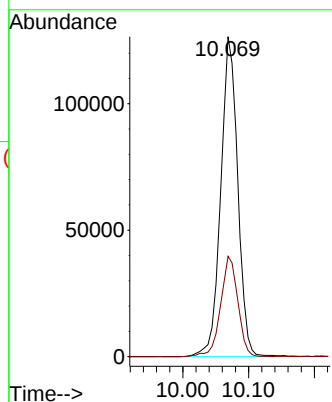
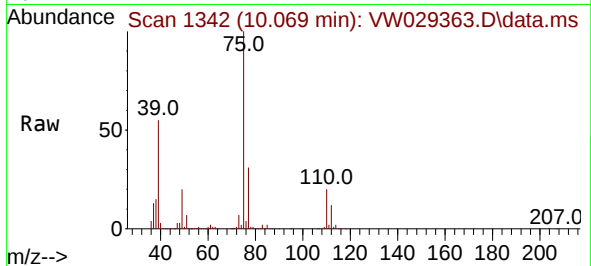




#39
cis-1,3-Dichloropropene
Concen: 25.974 ug/L
RT: 10.069 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW029363.D
Acq: 26 Jun 2024 18:12

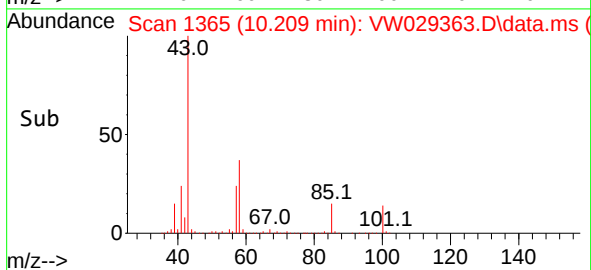
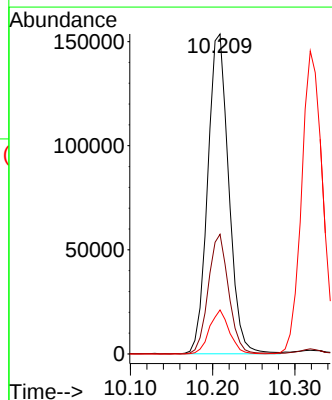
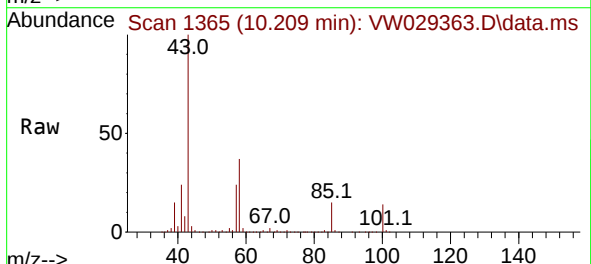
Instrument :
MSVOA_W
ClientSampleId :
GCL44MS

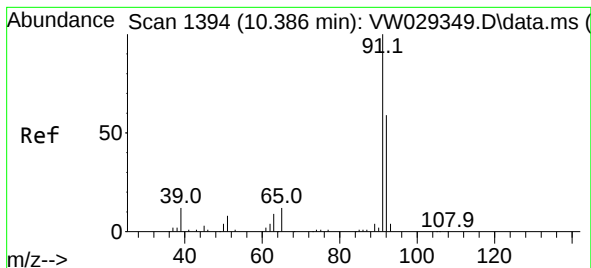
Tgt Ion: 75 Resp: 227803
Ion Ratio Lower Upper
75 100
77 31.3 22.7 42.1



#40
4-Methyl-2-pentanone
Concen: 70.981 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. 0.000 min
Lab File: VW029363.D
Acq: 26 Jun 2024 18:12

Tgt Ion: 43 Resp: 272959
Ion Ratio Lower Upper
43 100
58 36.4 28.2 42.4
100 13.0 11.0 16.4





#42

Toluene

Concen: 23.932 ug/L

RT: 10.386 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW029363.D

Acq: 26 Jun 2024 18:12

Instrument :

MSVOA_W

ClientSampleId :

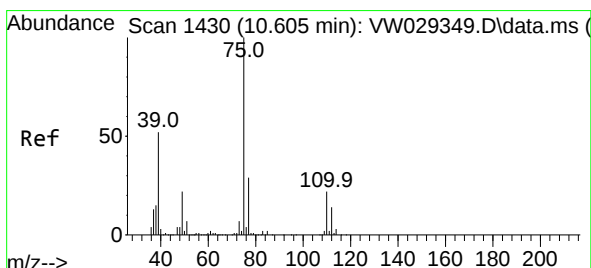
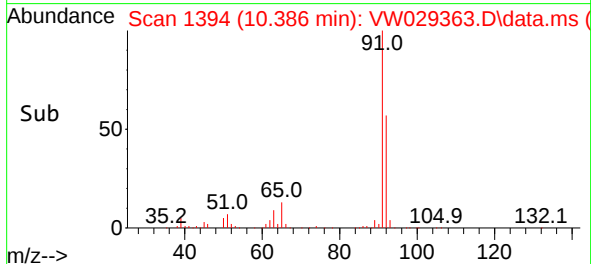
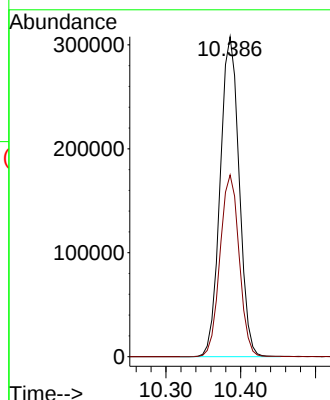
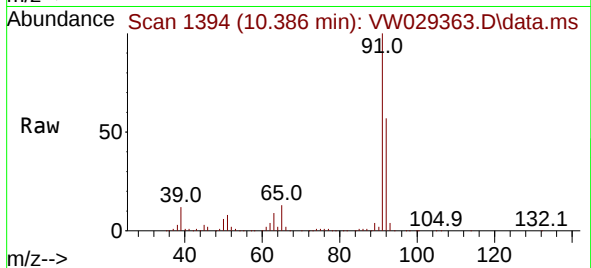
GCL44MS

Tgt Ion: 91 Resp: 543232

Ion Ratio Lower Upper

91 100

92 56.8 39.3 73.1



#44

trans-1,3-Dichloropropene

Concen: 26.484 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW029363.D

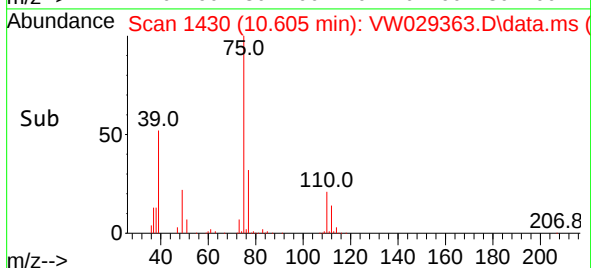
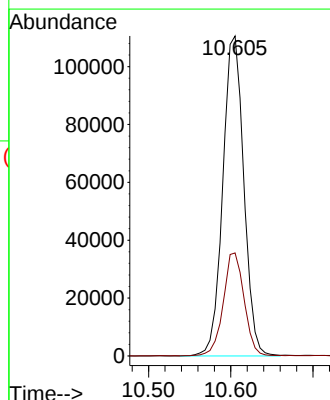
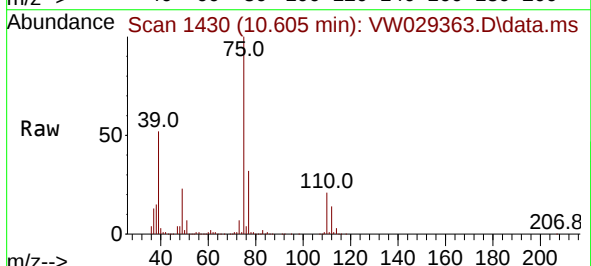
Acq: 26 Jun 2024 18:12

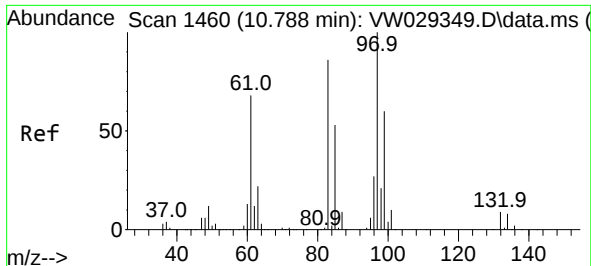
Tgt Ion: 75 Resp: 196129

Ion Ratio Lower Upper

75 100

77 32.2 22.7 42.1





#45

1,1,2-Trichloroethane

Concen: 27.158 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VW029363.D

Acq: 26 Jun 2024 18:12

Instrument :

MSVOA_W

ClientSampleId :

GCL44MS

Tgt Ion: 97 Resp: 117353

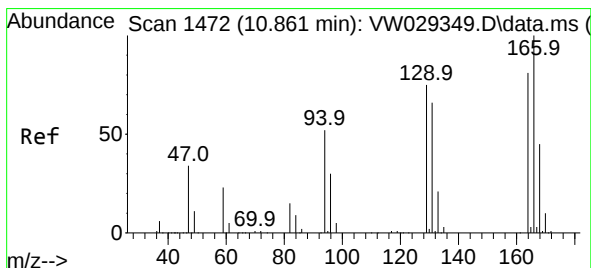
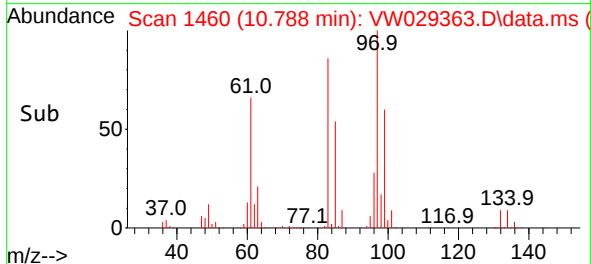
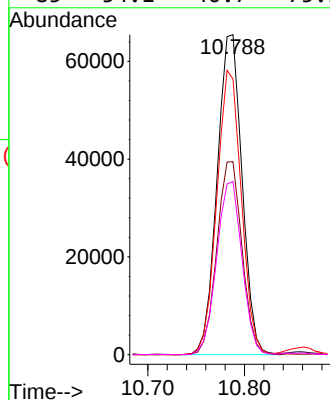
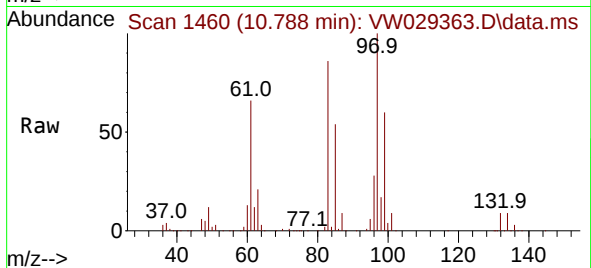
Ion Ratio Lower Upper

97 100

99 60.3 42.3 78.5

83 86.1 57.7 107.1

85 54.1 40.7 75.5



#46

Tetrachloroethene

Concen: 23.633 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW029363.D

Acq: 26 Jun 2024 18:12

Tgt Ion:164 Resp: 97319

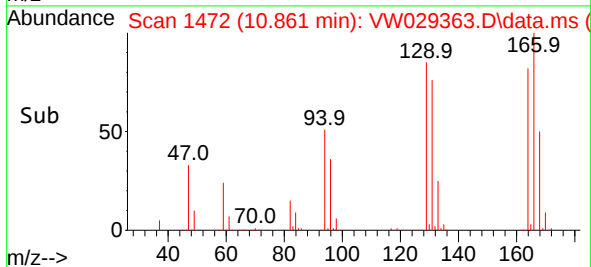
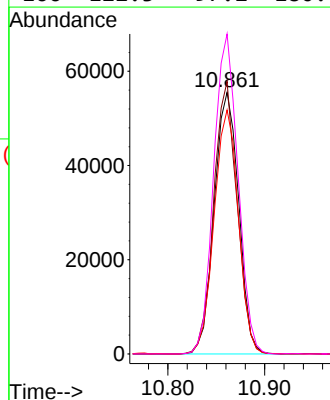
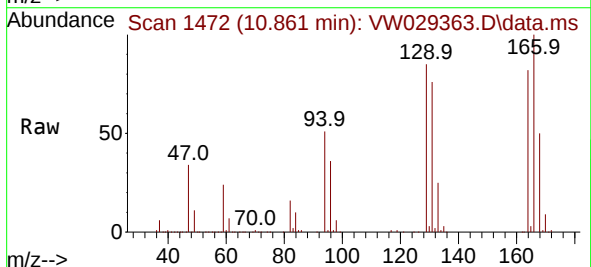
Ion Ratio Lower Upper

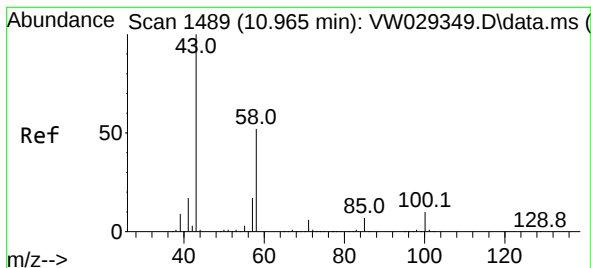
164 100

129 104.1 68.5 127.3

131 93.3 71.8 133.4

166 122.3 97.2 180.4

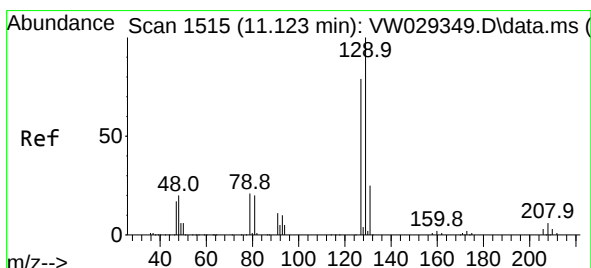
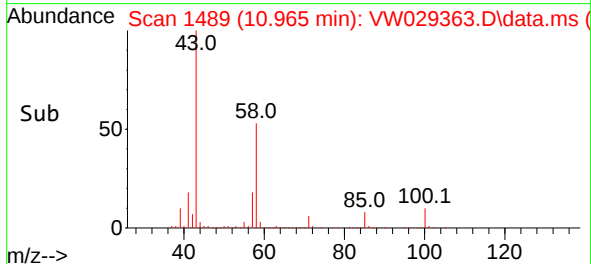
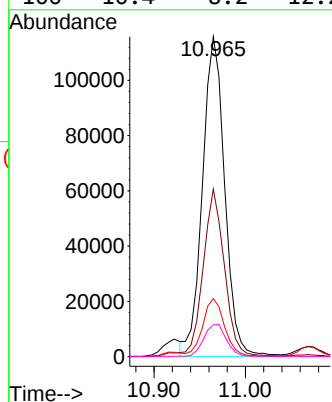
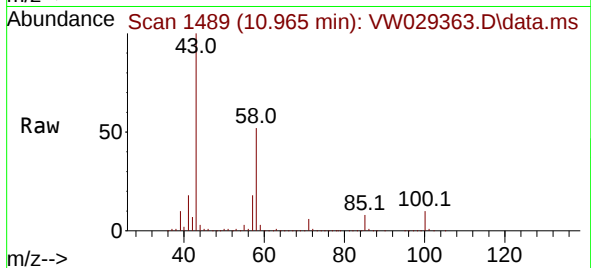




#48
2-Hexanone
Concen: 71.682 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW029363.D
Acq: 26 Jun 2024 18:12

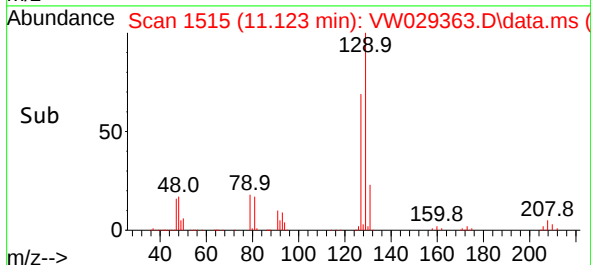
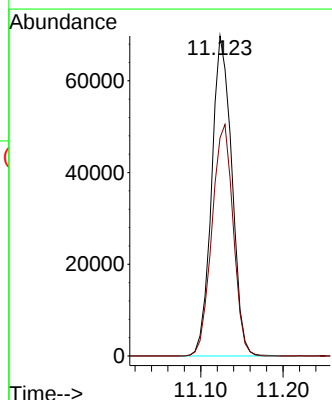
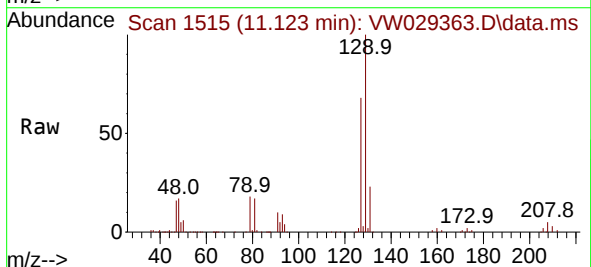
Instrument :
MSVOA_W
ClientSampleId :
GCL44MS

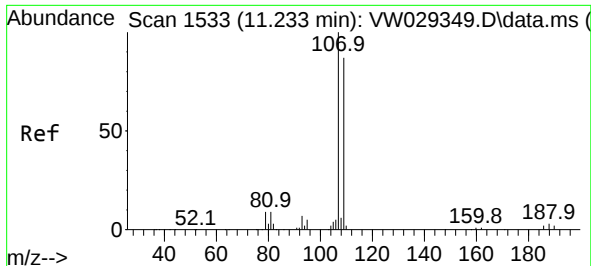
Tgt Ion: 43 Resp: 195597
Ion Ratio Lower Upper
43 100
58 51.1 39.6 59.4
57 17.9 14.6 21.8
100 10.4 8.2 12.2



#49
Dibromochloromethane
Concen: 26.368 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VW029363.D
Acq: 26 Jun 2024 18:12

Tgt Ion: 129 Resp: 119104
Ion Ratio Lower Upper
129 100
127 68.2 54.8 101.8





#50

1,2-Dibromoethane

Concen: 27.766 ug/L

RT: 11.233 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029363.D

Acq: 26 Jun 2024 18:12

Instrument :

MSVOA_W

ClientSampleId :

GCL44MS

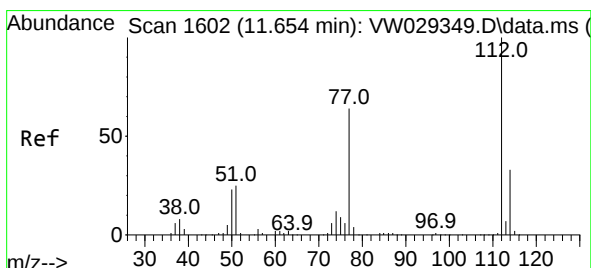
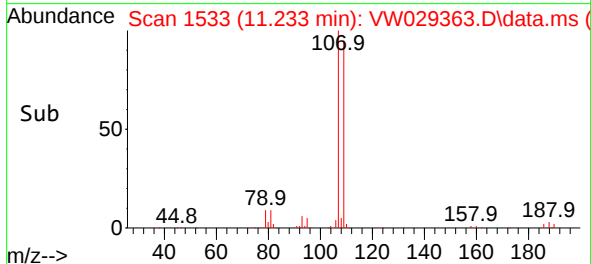
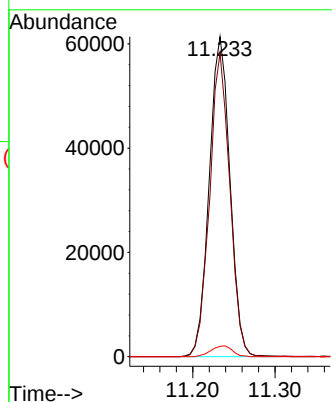
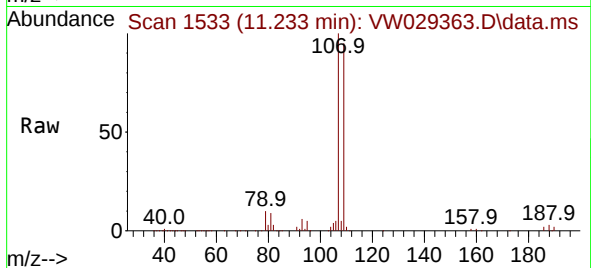
Tgt Ion:107 Resp: 107700

Ion Ratio Lower Upper

107 100

109 94.9 65.5 121.6

188 3.2 2.6 4.0



#51

Chlorobenzene

Concen: 21.661 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW029363.D

Acq: 26 Jun 2024 18:12

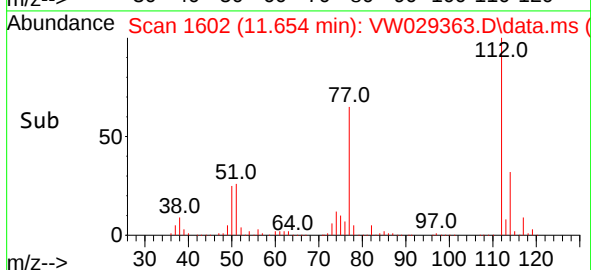
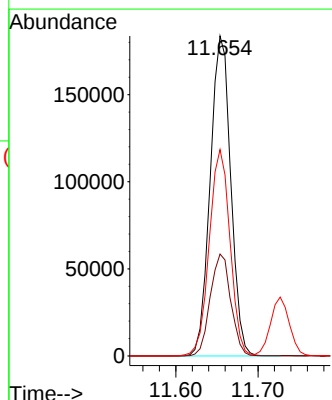
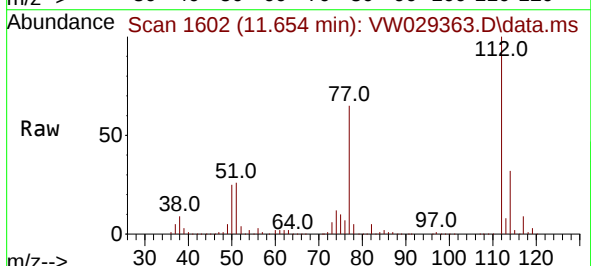
Tgt Ion:112 Resp: 319283

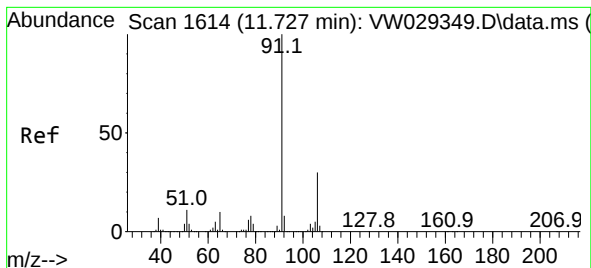
Ion Ratio Lower Upper

112 100

114 31.9 22.6 42.0

77 64.5 51.0 76.6

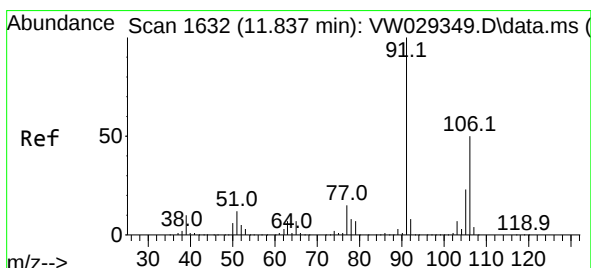
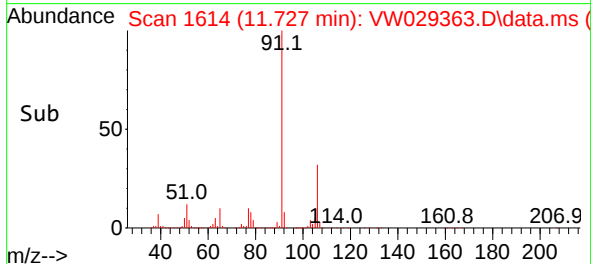
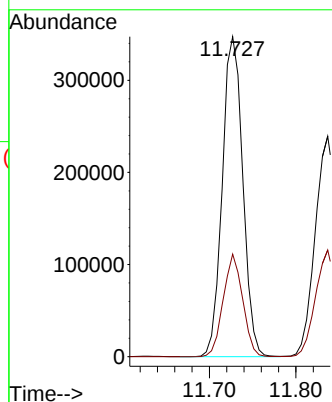
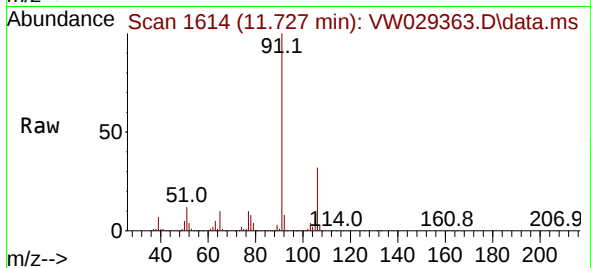




#52
Ethylbenzene
Concen: 22.159 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW029363.D
Acq: 26 Jun 2024 18:12

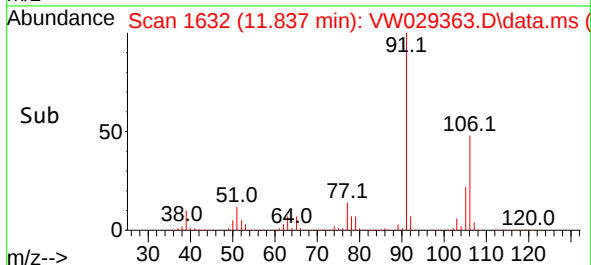
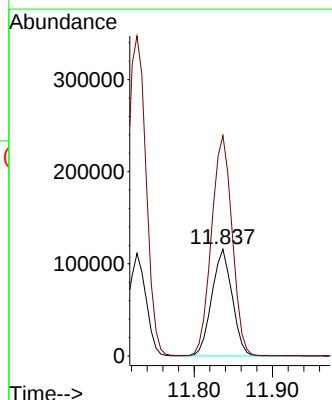
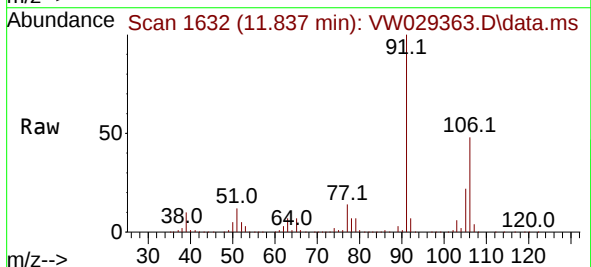
Instrument :
MSVOA_W
ClientSampleId :
GCL44MS

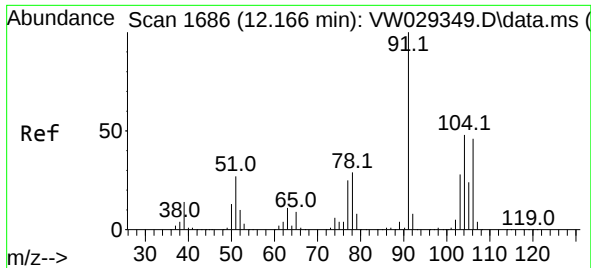
Tgt Ion: 91 Resp: 570969
Ion Ratio Lower Upper
91 100
106 32.1 19.9 37.0



#53
m,p-Xylene
Concen: 22.231 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW029363.D
Acq: 26 Jun 2024 18:12

Tgt Ion: 106 Resp: 209230
Ion Ratio Lower Upper
106 100
91 206.6 140.5 260.9

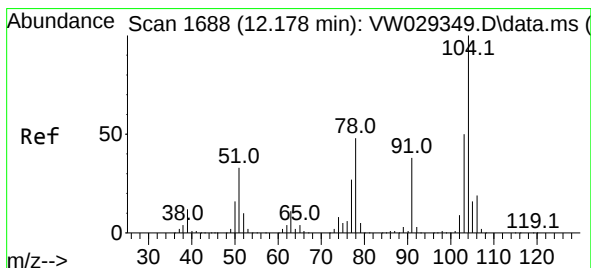
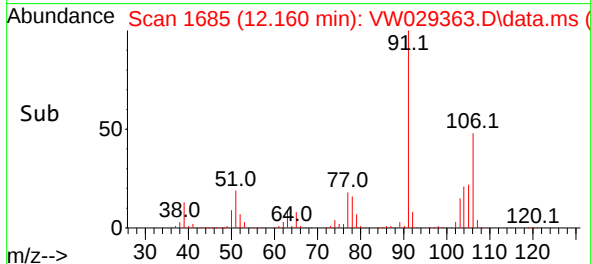
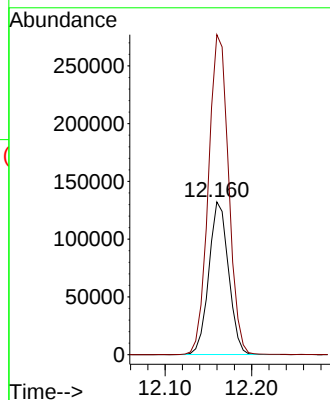
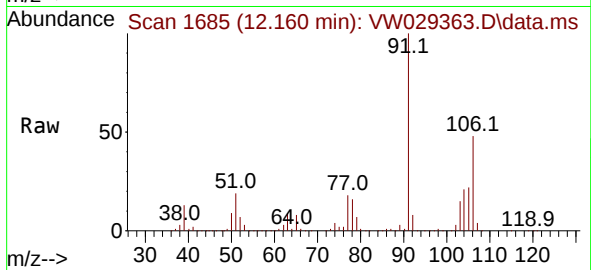




#54
o-Xylene
Concen: 23.687 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW029363.D
Acq: 26 Jun 2024 18:12

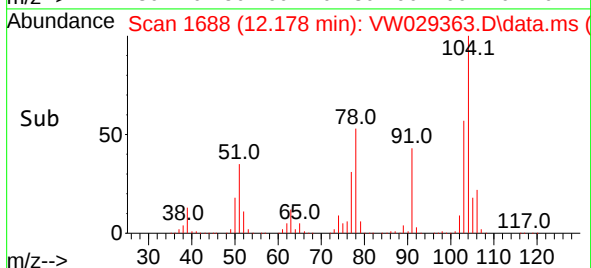
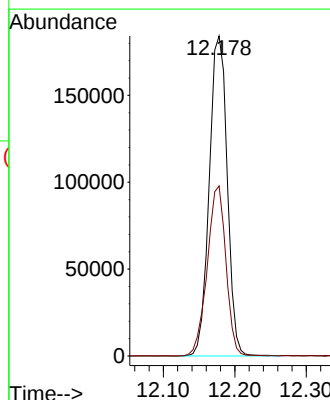
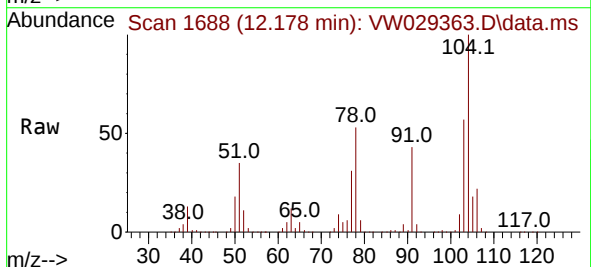
Instrument :
MSVOA_W
ClientSampleId :
GCL44MS

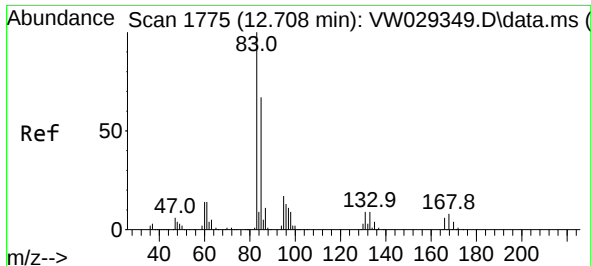
Tgt Ion:106 Resp: 208349
Ion Ratio Lower Upper
106 100
91 209.3 149.9 278.5



#55
Styrene
Concen: 20.939 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW029363.D
Acq: 26 Jun 2024 18:12

Tgt Ion:104 Resp: 321120
Ion Ratio Lower Upper
104 100
78 53.1 35.4 65.7





#57

1,1,2,2-Tetrachloroethane

Concen: 27.812 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VW029363.D

Acq: 26 Jun 2024 18:12

Instrument :

MSVOA_W

ClientSampleId :

GCL44MS

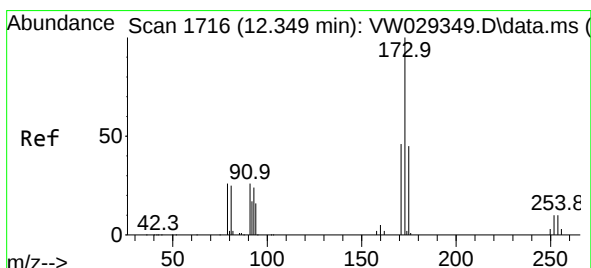
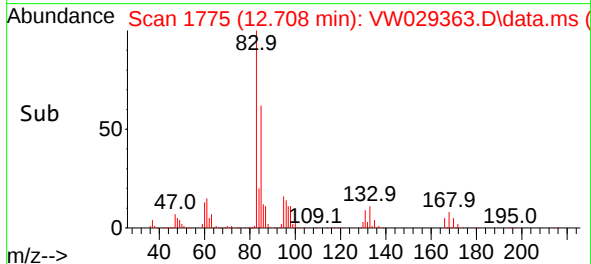
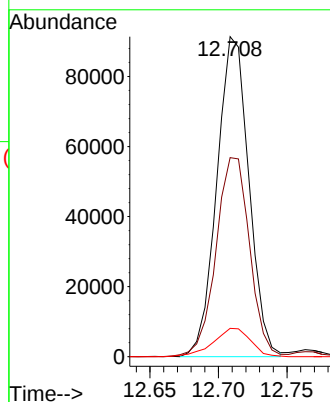
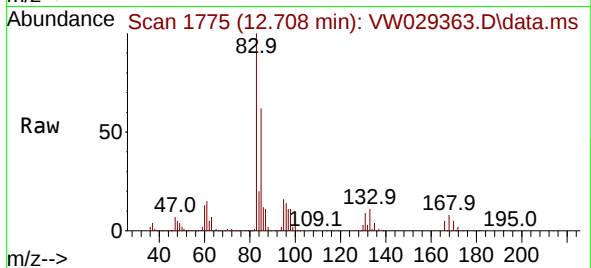
Tgt Ion: 83 Resp: 148656

Ion Ratio Lower Upper

83 100

85 62.2 45.8 85.0

131 8.9 7.8 11.6



#59

Bromoform

Concen: 33.473 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW029363.D

Acq: 26 Jun 2024 18:12

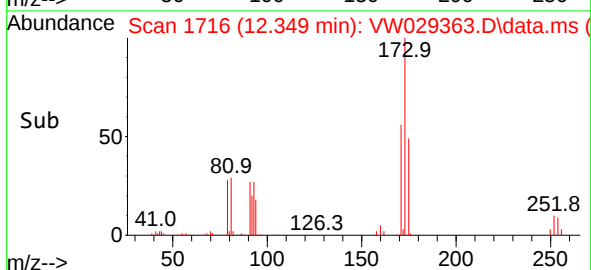
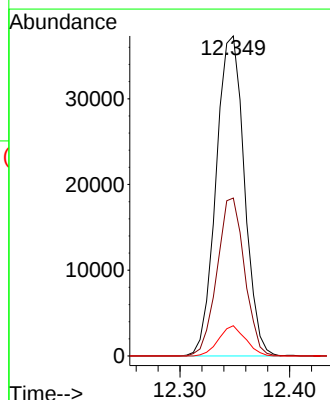
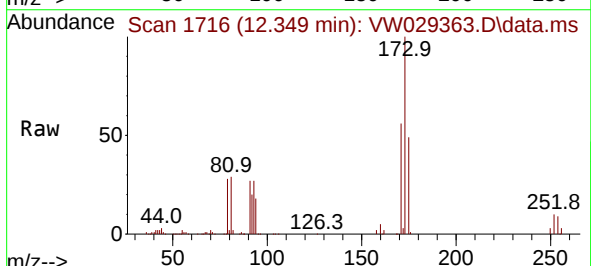
Tgt Ion: 173 Resp: 66905

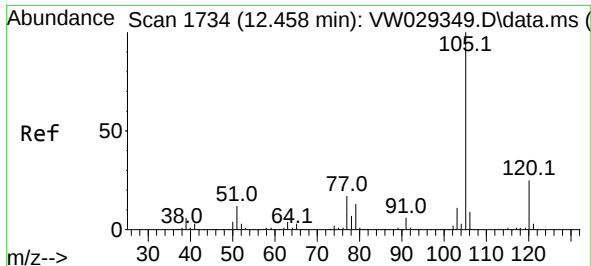
Ion Ratio Lower Upper

173 100

175 48.0 37.8 56.8

254 9.0 7.8 11.6

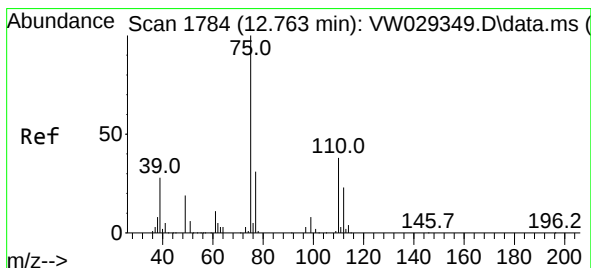
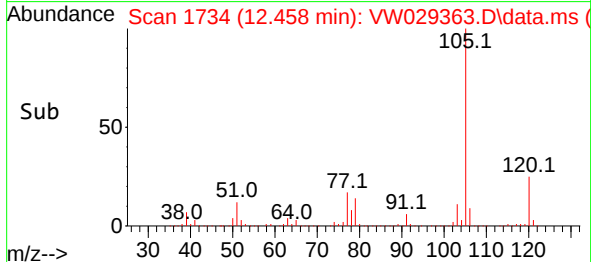
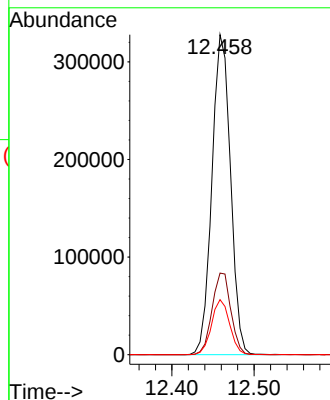
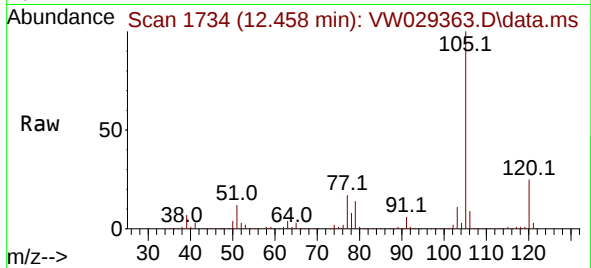




#60
Isopropylbenzene
Concen: 26.503 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW029363.D
Acq: 26 Jun 2024 18:12

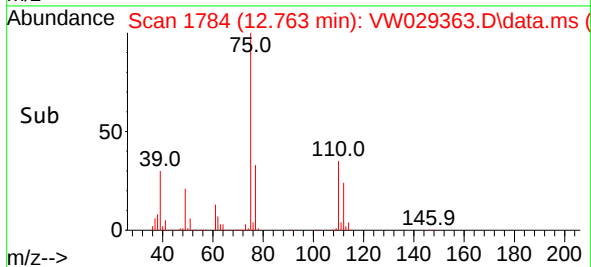
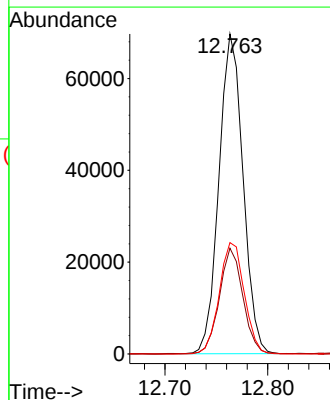
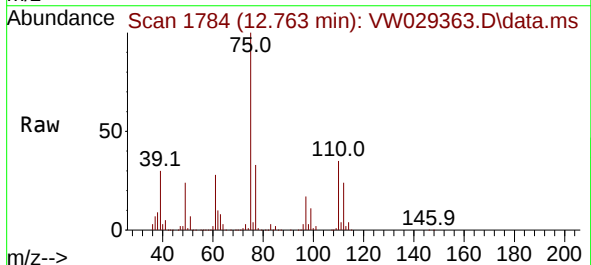
Instrument :
MSVOA_W
ClientSampleId :
GCL44MS

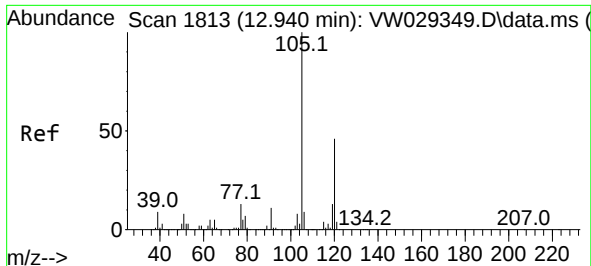
Tgt Ion:105 Resp: 515024
Ion Ratio Lower Upper
105 100
120 25.8 20.5 30.7
77 16.8 13.6 20.4



#61
1,2,3-Trichloropropane
Concen: 35.589 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW029363.D
Acq: 26 Jun 2024 18:12

Tgt Ion: 75 Resp: 113208
Ion Ratio Lower Upper
75 100
77 32.4 26.6 39.8
110 36.1 29.5 44.3





#62

1,3,5-Trimethylbenzene

Concen: 25.631 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW029363.D

Acq: 26 Jun 2024 18:12

Instrument :

MSVOA_W

ClientSampleId :

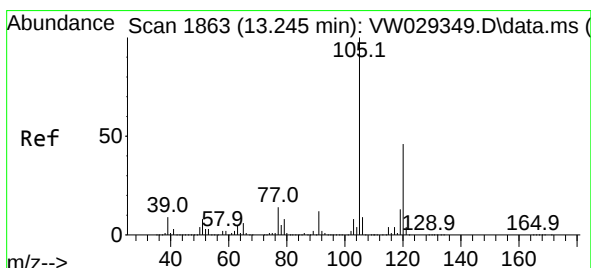
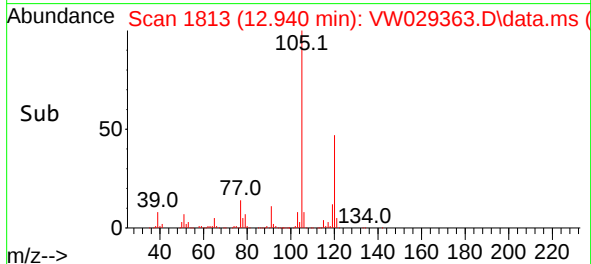
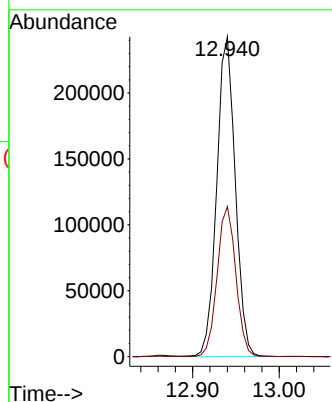
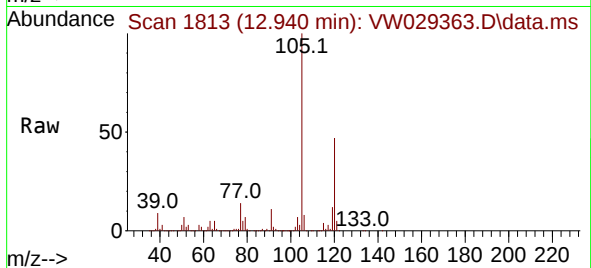
GCL44MS

Tgt Ion:105 Resp: 360719

Ion Ratio Lower Upper

105 100

120 47.2 36.4 54.6



#63

1,2,4-Trimethylbenzene

Concen: 26.077 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW029363.D

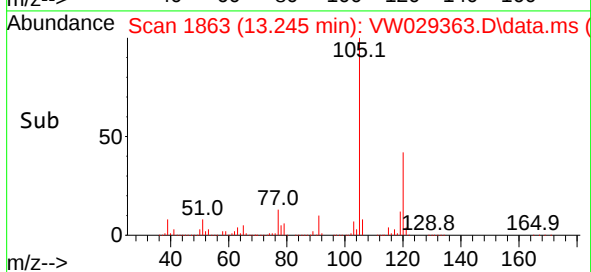
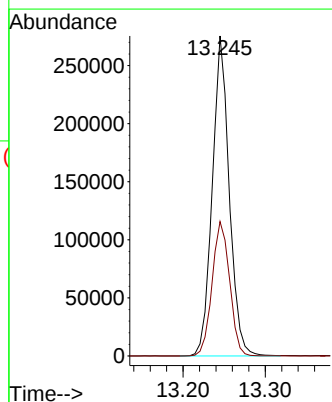
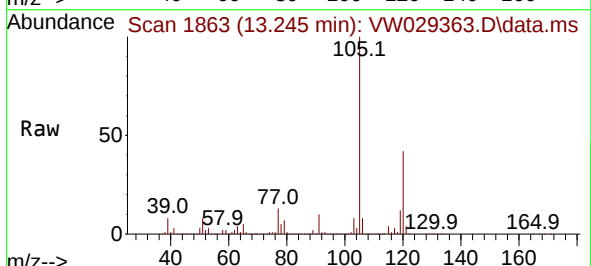
Acq: 26 Jun 2024 18:12

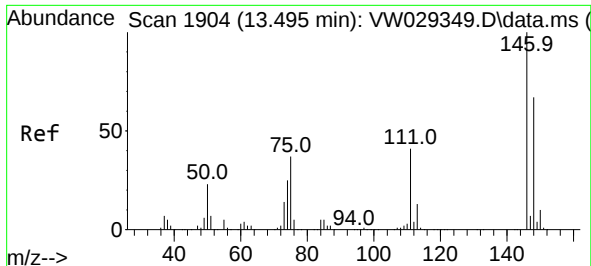
Tgt Ion:105 Resp: 394861

Ion Ratio Lower Upper

105 100

120 43.3 34.9 52.3

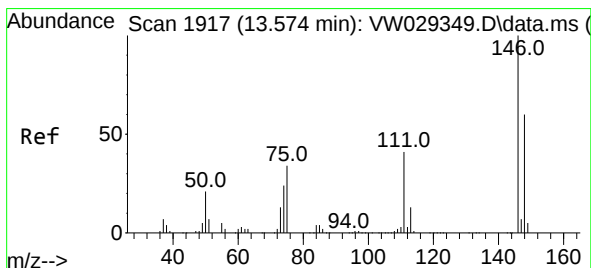
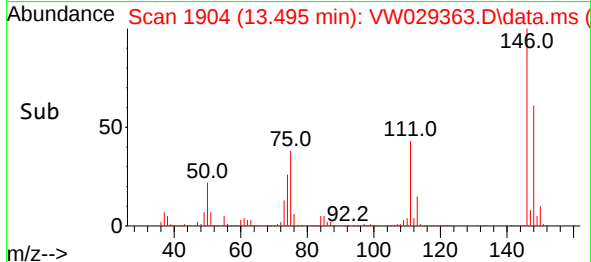
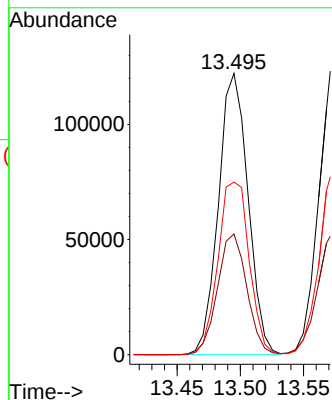
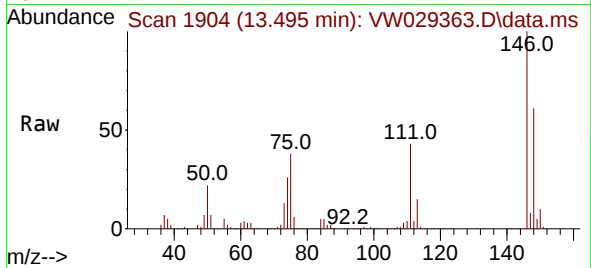




#64
1,3-Dichlorobenzene
Concen: 23.643 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW029363.D
Acq: 26 Jun 2024 18:12

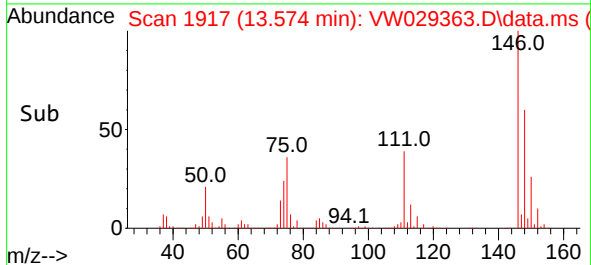
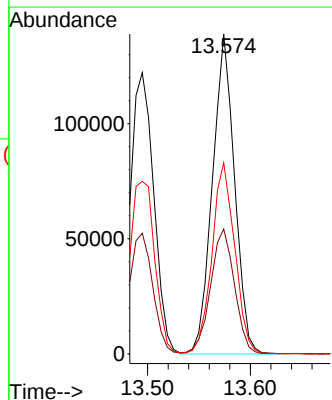
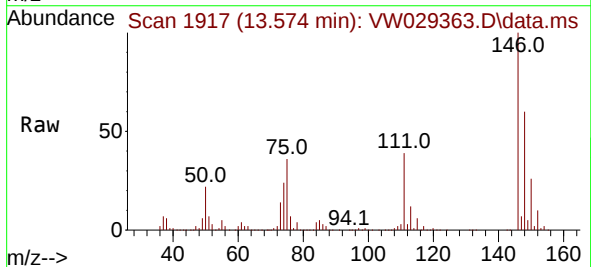
Instrument :
MSVOA_W
ClientSampleId :
GCL44MS

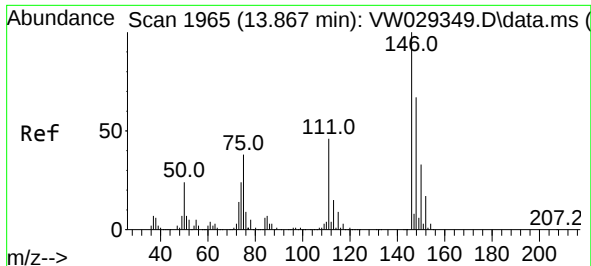
Tgt Ion:146 Resp: 198827
Ion Ratio Lower Upper
146 100
111 43.0 33.0 61.2
148 61.4 47.5 88.1



#65
1,4-Dichlorobenzene
Concen: 23.182 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW029363.D
Acq: 26 Jun 2024 18:12

Tgt Ion:146 Resp: 207420
Ion Ratio Lower Upper
146 100
111 39.0 28.9 53.7
148 59.8 42.0 78.0





#67

1,2-Dichlorobenzene

Concen: 24.612 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW029363.D

Acq: 26 Jun 2024 18:12

Instrument :

MSVOA_W

ClientSampleId :

GCL44MS

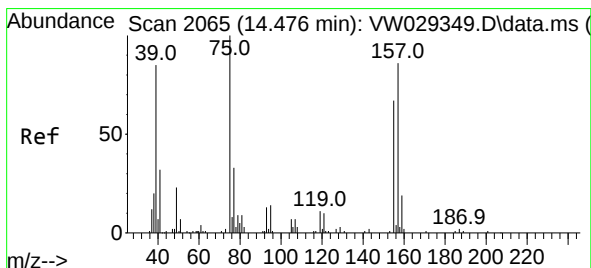
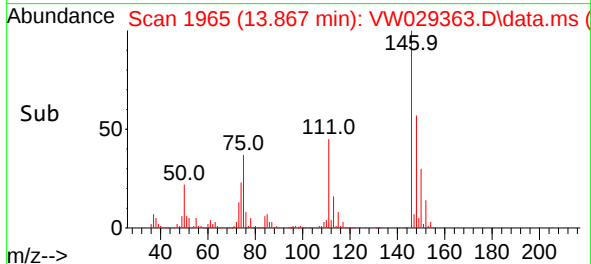
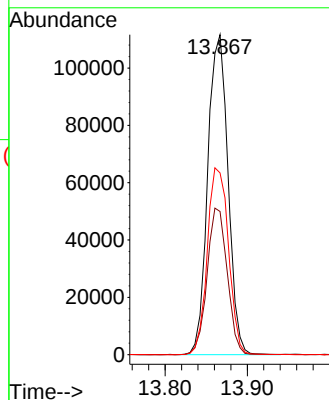
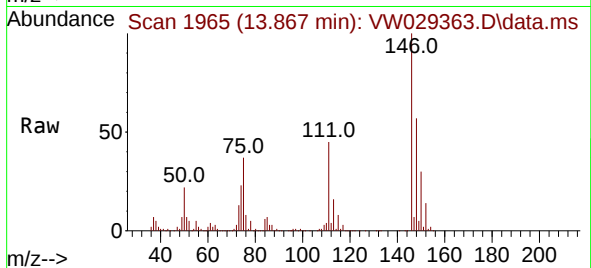
Tgt Ion:146 Resp: 191341

Ion Ratio Lower Upper

146 100

111 44.7 34.2 51.4

148 56.8 46.3 69.5



#68

1,2-Dibromo-3-chloropropane

Concen: 33.531 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW029363.D

Acq: 26 Jun 2024 18:12

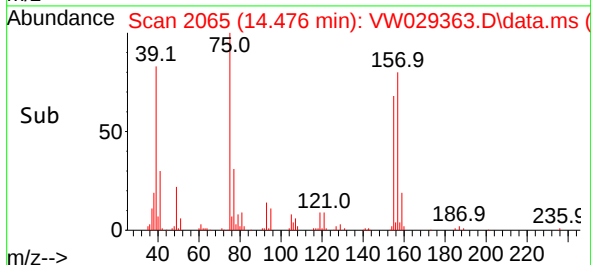
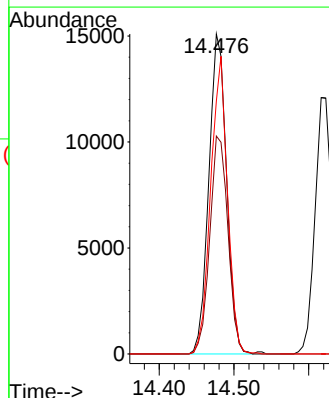
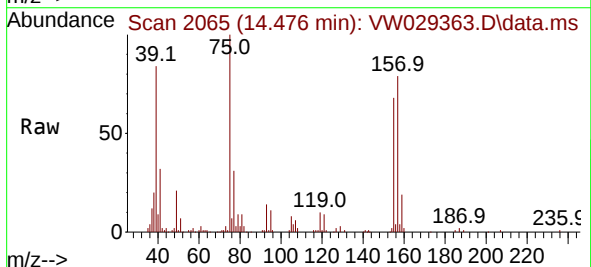
Tgt Ion: 75 Resp: 24891

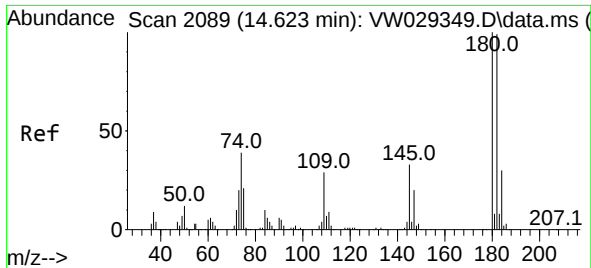
Ion Ratio Lower Upper

75 100

155 68.1 51.0 76.6

157 79.1 58.8 88.2

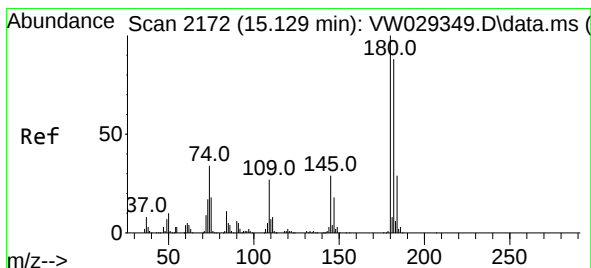
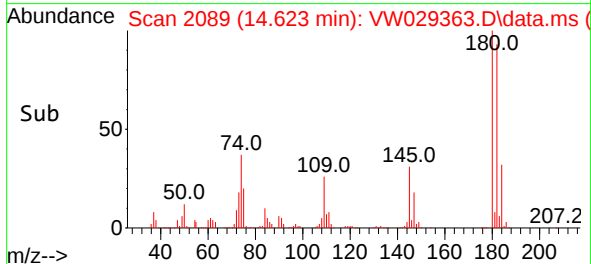
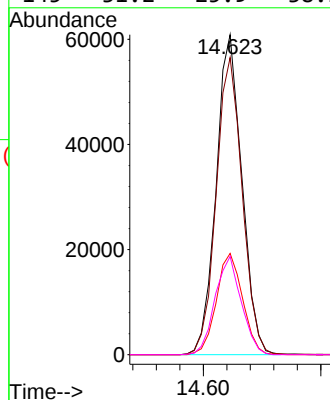
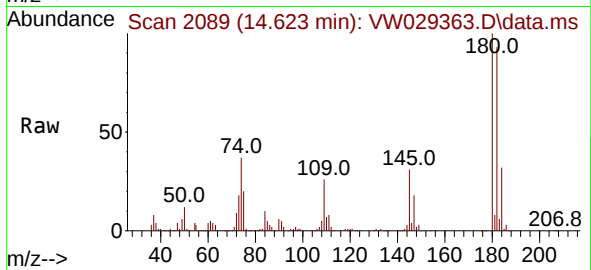




#69
 1,3,5-Trichlorobenzene
 Concen: 16.328 ug/L
 RT: 14.623 min Scan# 2089
 Delta R.T. 0.000 min
 Lab File: VW029363.D
 Acq: 26 Jun 2024 18:12

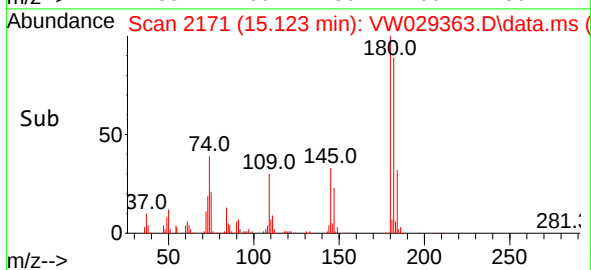
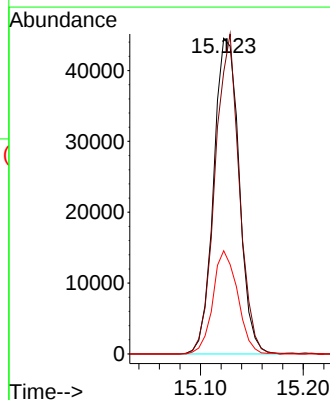
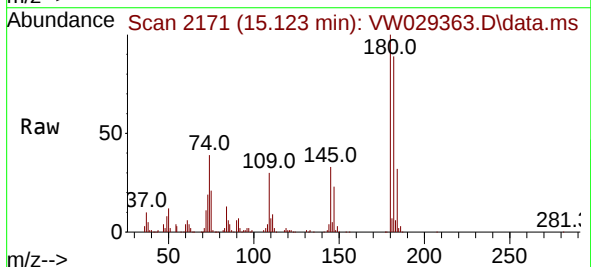
Instrument :
 MSVOA_W
 ClientSampleId :
 GCL44MS

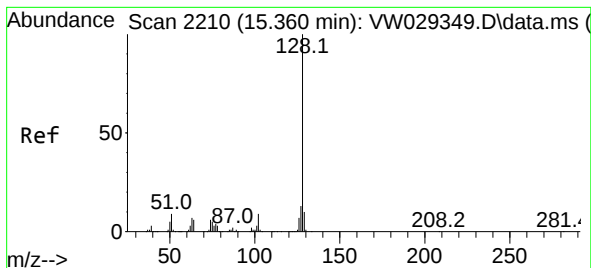
Tgt Ion:	180	Resp:	92670
Ion Ratio	Lower	Upper	
180	100		
182	93.9	72.9	109.3
184	32.2	23.8	35.6
145	31.2	25.9	38.9



#70
 1,2,4-trichlorobenzene
 Concen: 16.634 ug/L
 RT: 15.123 min Scan# 2171
 Delta R.T. -0.006 min
 Lab File: VW029363.D
 Acq: 26 Jun 2024 18:12

Tgt Ion:	180	Resp:	76528
Ion Ratio	Lower	Upper	
180	100		
182	96.0	77.7	116.5
145	31.8	25.7	38.5





#71

Naphthalene

Concen: 24.708 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW029363.D

Acq: 26 Jun 2024 18:12

Instrument :

MSVOA_W

ClientSampleId :

GCL44MS

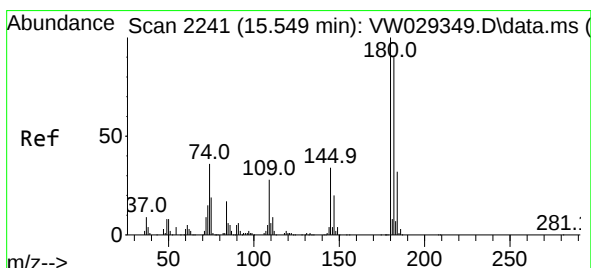
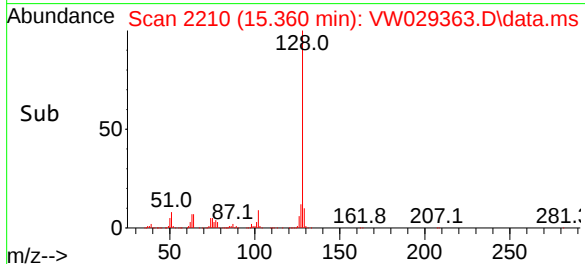
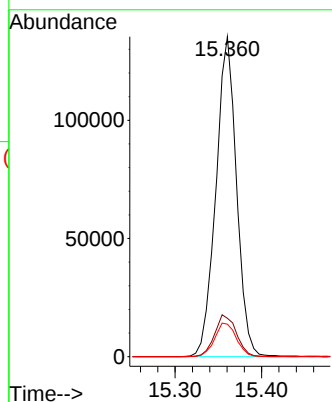
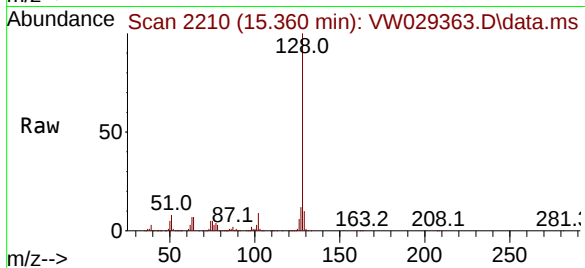
Tgt Ion:128 Resp: 224359

Ion Ratio Lower Upper

128 100

127 13.8 10.3 15.5

129 11.1 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 16.886 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW029363.D

Acq: 26 Jun 2024 18:12

Tgt Ion:180 Resp: 70787

Ion Ratio Lower Upper

180 100

182 93.8 73.0 109.6

145 34.8 28.1 42.1

