

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061124\
 Data File : VW029097.D
 Acq On : 11 Jun 2024 14:49
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 12 00:22:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 12 00:20:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	314013	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	292493	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	146065	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	96060	19.256	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.040%
7) Chloroethane-d5	2.899	69	79391	20.725	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.920%
11) 1,1-Dichloroethene-d2	4.021	65	44997	20.522	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.080%
21) 2-Butanone-d5	7.075	46	61104	59.951	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.900%
24) Chloroform-d	7.648	84	211704	23.632	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.520%
26) 1,2-Dichloroethane-d4	8.307	65	113689	24.105	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.440%
32) Benzene-d6	8.276	84	412500	22.977	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.920%
36) 1,2-Dichloropropane-d6	9.276	67	131165	24.097	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.400%
41) Toluene-d8	10.319	98	371364	23.181	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.720%
43) trans-1,3-Dichloroprop...	10.575	79	48921	23.390	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.560%
47) 2-Hexanone-d5	10.922	63	43843	61.037	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.080%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	103072	27.258	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.040%
66) 1,2-Dichlorobenzene-d4	13.849	152	123294	23.787	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.160%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.021	85	66533	18.555	ug/L	96
3) Chloromethane	2.223	50	96084	21.934	ug/L	98
5) Vinyl chloride	2.375	62	112394	21.196	ug/L	99
6) Bromomethane	2.790	94	70087	22.060	ug/L	98
8) Chloroethane	2.936	64	72844	22.747	ug/L	96
9) Trichlorofluoromethane	3.271	101	89835	20.381	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	96462	22.179	ug/L	97
12) 1,1-Dichloroethene	4.045	96	95424	24.041	ug/L	97
13) Acetone	4.125	43	57389	53.729	ug/L	99
14) Carbon disulfide	4.393	76	304624	22.669	ug/L	100
15) Methyl Acetate	4.667	43	52252	29.454	ug/L	95
16) Methylene chloride	4.923	84	112669	23.907	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	107759	24.900	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	170743	28.293	ug/L	99
19) 1,1-Dichloroethane	6.222	63	214617	25.225	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	117599	25.920	ug/L	95
22) 2-Butanone	7.167	43	71541	55.584	ug/L	99
23) Bromochloromethane	7.514	128	50950	25.726	ug/L	97
25) Chloroform	7.679	83	211296	25.569	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061124\
 Data File : VW029097.D
 Acq On : 11 Jun 2024 14:49
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 12 00:22:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 12 00:20:38 2024
 Response via : Initial Calibration

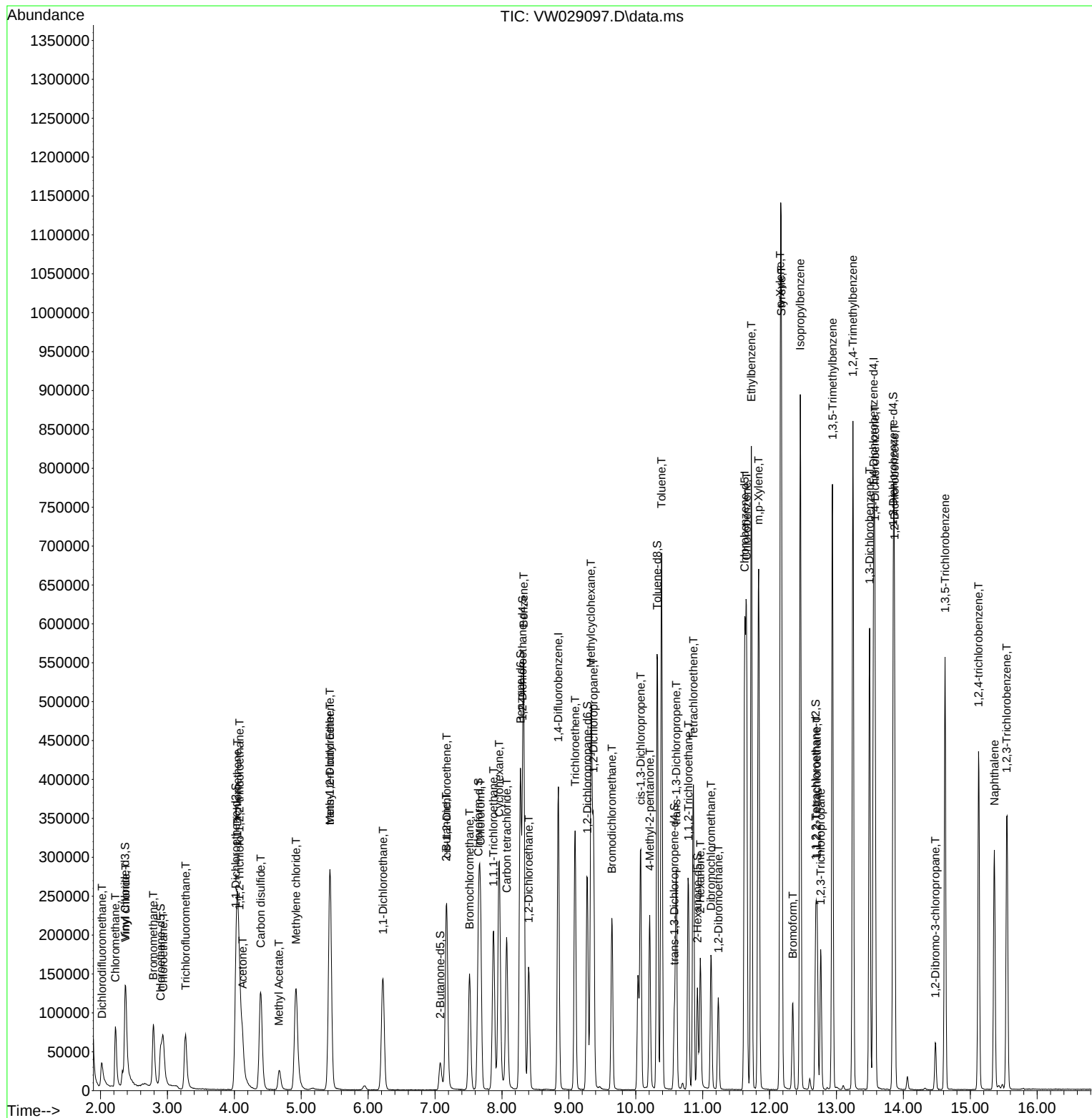
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	144666	26.123	ug/L	99
29) Cyclohexane	7.959	56	172284	23.690	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	164420	24.261	ug/L	99
31) Carbon tetrachloride	8.069	117	146904	23.798	ug/L	99
33) Benzene	8.325	78	466592	25.655	ug/L	100
34) Trichloroethene	9.093	95	118084	24.696	ug/L	91
35) Methylcyclohexane	9.331	83	188449	23.233	ug/L	98
37) 1,2-Dichloropropane	9.368	63	125712	26.395	ug/L	100
38) Bromodichloromethane	9.642	83	147186	25.340	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	182190	26.322	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	148766	61.411	ug/L	99
42) Toluene	10.386	91	489955	26.371	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	152328	27.299	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	85275	26.511	ug/L	96
46) Tetrachloroethene	10.861	164	84720	23.321	ug/L	88
48) 2-Hexanone	10.965	43	110342	60.752	ug/L	98
49) Dibromochloromethane	11.123	129	91018	26.791	ug/L	96
50) 1,2-Dibromoethane	11.233	107	78235	26.644	ug/L	99
51) Chlorobenzene	11.654	112	304522	25.515	ug/L	97
52) Ethylbenzene	11.727	91	560771	26.565	ug/L	97
53) m,p-Xylene	11.837	106	211941	27.106	ug/L	91
54) o-Xylene	12.160	106	196599	27.155	ug/L	99
55) Styrene	12.178	104	339592	27.207	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.709	83	101340	27.909	ug/L	95
59) Bromoform	12.349	173	49586	26.400	ug/L	98
60) Isopropylbenzene	12.459	105	548201	26.519	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	74444	27.019	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	399643	26.581	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	437130	27.511	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	228596	25.733	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	233230	25.138	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	208723	26.215	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.477	75	16094	27.406	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	156260	25.619	ug/L	97
70) 1,2,4-trichlorobenzene	15.123	180	128509	25.996	ug/L	100
71) Naphthalene	15.360	128	257640	30.589	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	116154	27.502	ug/L	99

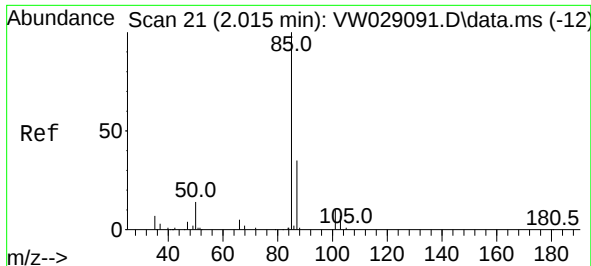
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061124\
 Data File : VW029097.D
 Acq On : 11 Jun 2024 14:49
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 12 00:22:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 12 00:20:38 2024
 Response via : Initial Calibration

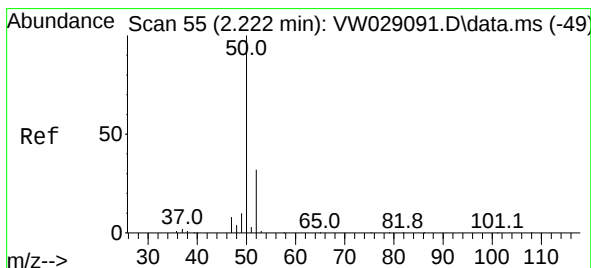
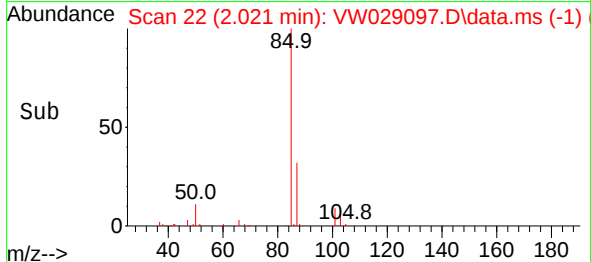
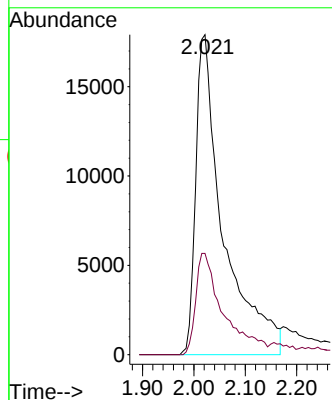
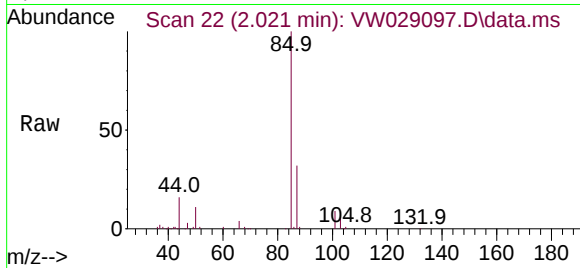




#2
Dichlorodifluoromethane
Concen: 18.555 ug/L
RT: 2.021 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW029097.D
Acq: 11 Jun 2024 14:49

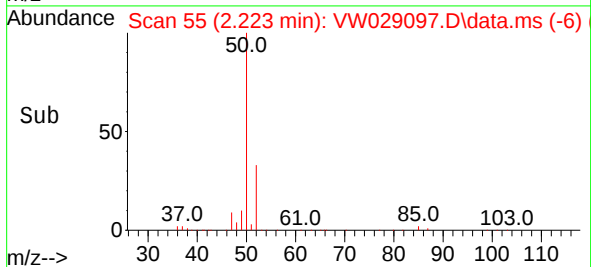
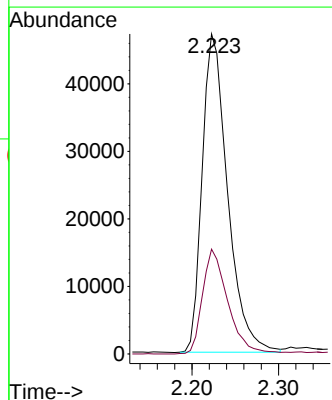
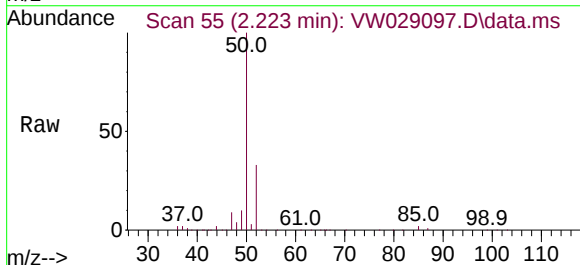
Instrument :
MSVOA_W
ClientSampleId :

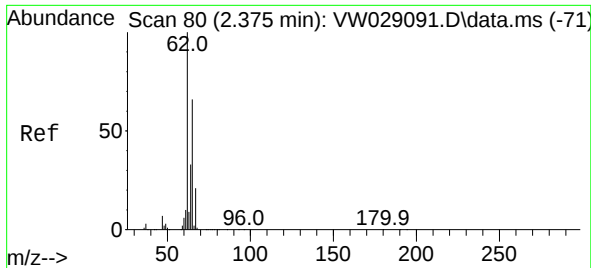
Tgt Ion: 85 Resp: 66533
Ion Ratio Lower Upper
85 100
87 29.5 25.3 37.9



#3
Chloromethane
Concen: 21.934 ug/L
RT: 2.223 min Scan# 55
Delta R.T. 0.000 min
Lab File: VW029097.D
Acq: 11 Jun 2024 14:49

Tgt Ion: 50 Resp: 96084
Ion Ratio Lower Upper
50 100
52 32.8 22.1 41.1

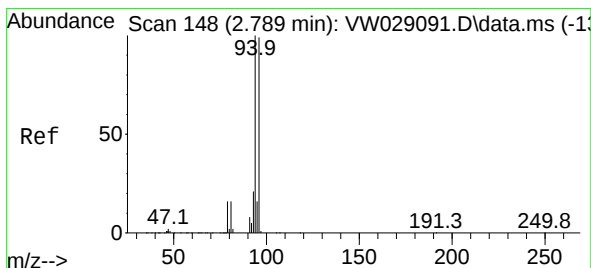
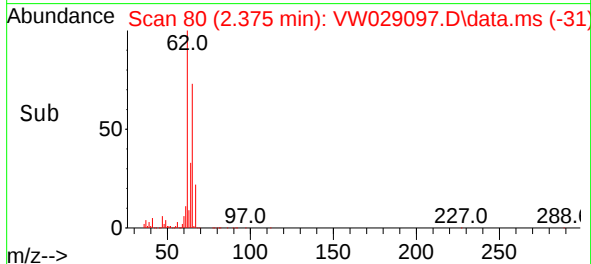
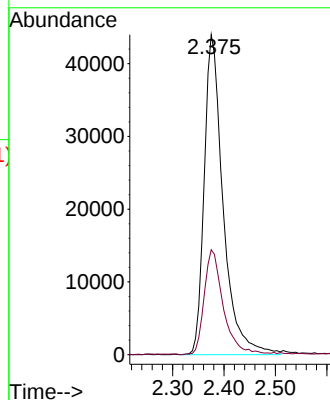
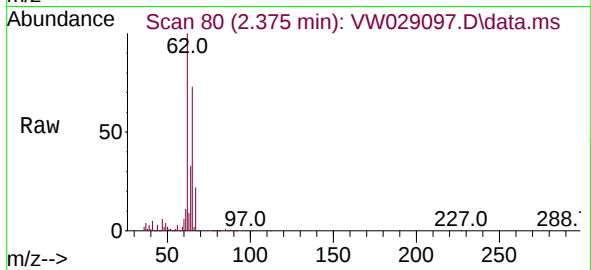




#5
 Vinyl chloride
 Concen: 21.196 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW029097.D
 Acq: 11 Jun 2024 14:49

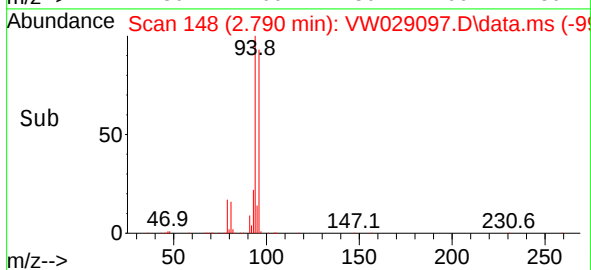
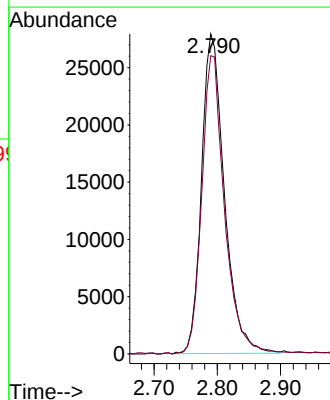
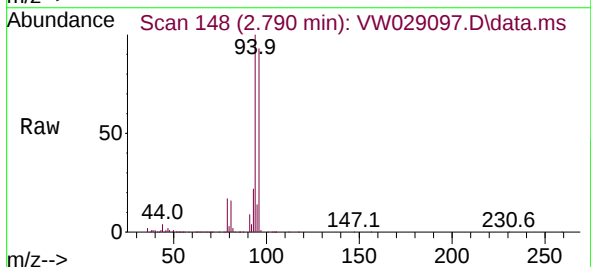
Instrument :
 MSVOA_W
 ClientSampleId :

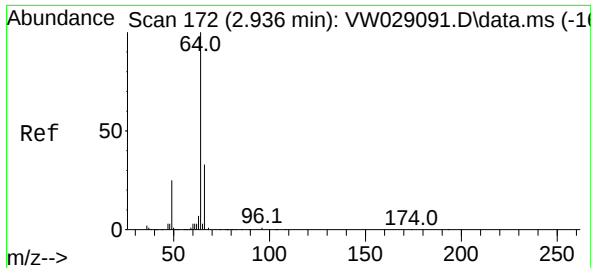
Tgt Ion: 62 Resp: 112394
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.4 43.4



#6
 Bromomethane
 Concen: 22.060 ug/L
 RT: 2.790 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW029097.D
 Acq: 11 Jun 2024 14:49

Tgt Ion: 94 Resp: 70087
 Ion Ratio Lower Upper
 94 100
 96 93.2 63.7 118.3

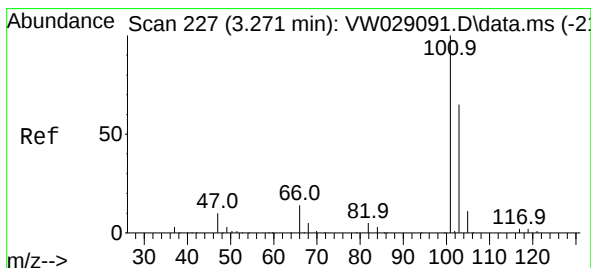
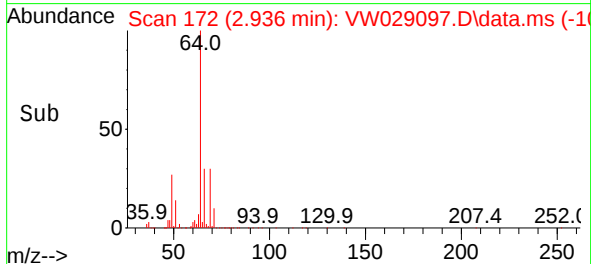
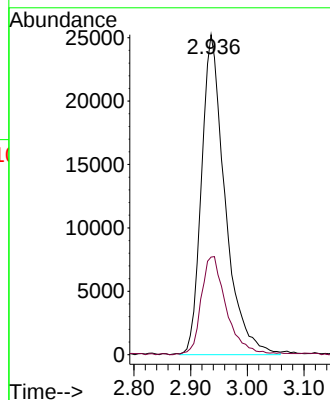
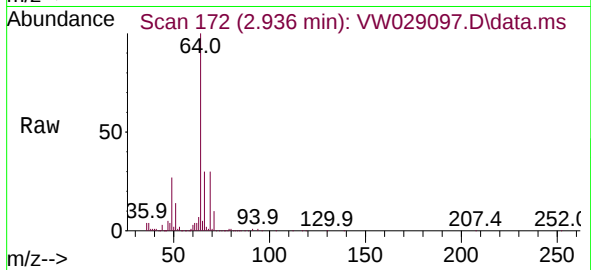




#8
Chloroethane
Concen: 22.747 ug/L
RT: 2.936 min Scan# 172
Delta R.T. 0.000 min
Lab File: VW029097.D
Acq: 11 Jun 2024 14:49

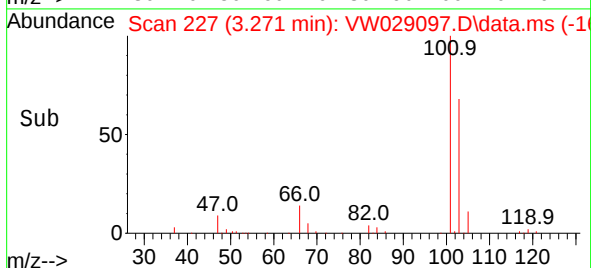
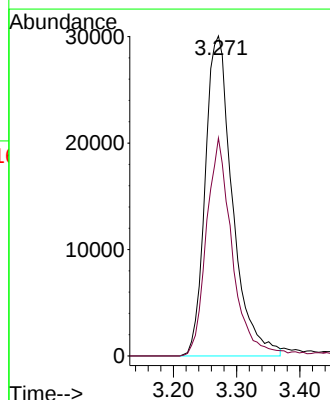
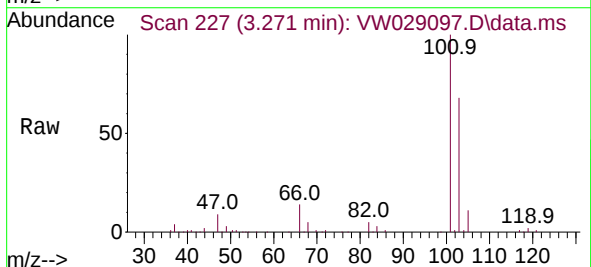
Instrument :
MSVOA_W
ClientSampleId :

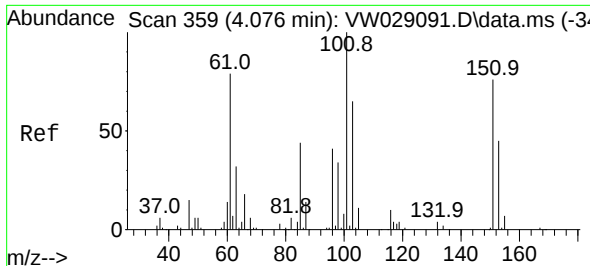
Tgt Ion: 64 Resp: 72844
Ion Ratio Lower Upper
64 100
66 30.5 22.9 42.5



#9
Trichlorofluoromethane
Concen: 20.381 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.000 min
Lab File: VW029097.D
Acq: 11 Jun 2024 14:49

Tgt Ion:101 Resp: 89835
Ion Ratio Lower Upper
101 100
103 64.3 51.3 76.9





#10

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

Concen: 22.179 ug/L

RT: 4.076 min Scan# 359

Delta R.T. 0.000 min

Lab File: VW029097.D

Acq: 11 Jun 2024 14:49

Instrument :

MSVOA_W

ClientSampleId :

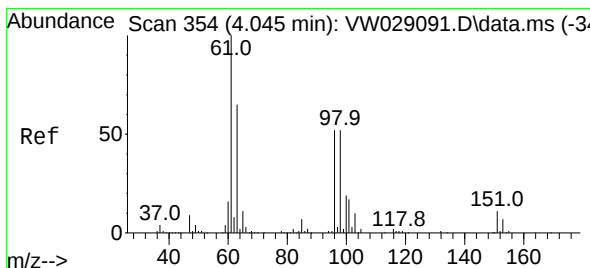
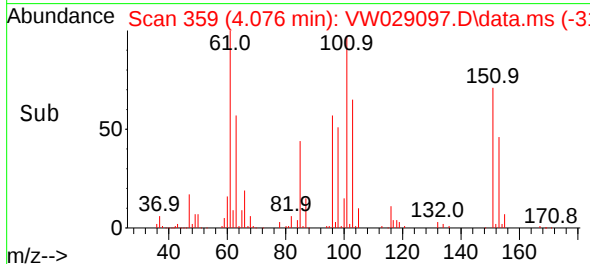
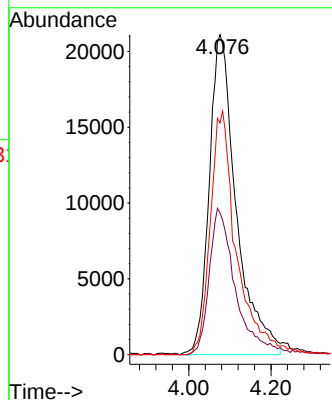
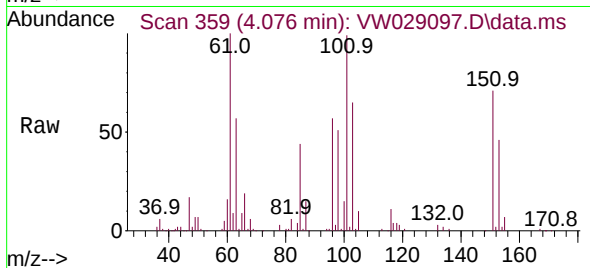
Tgt Ion:101 Resp: 96462

Ion Ratio Lower Upper

101 100

85 42.9 35.8 53.8

151 69.9 58.5 87.7



#12

1,1-Dichloroethene

Concen: 24.041 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.000 min

Lab File: VW029097.D

Acq: 11 Jun 2024 14:49

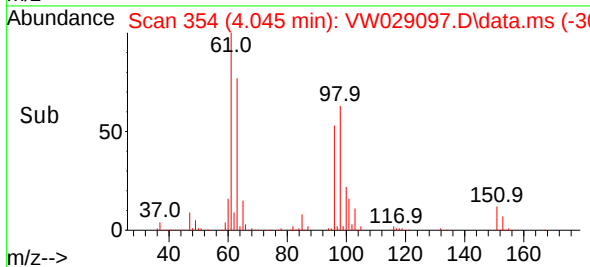
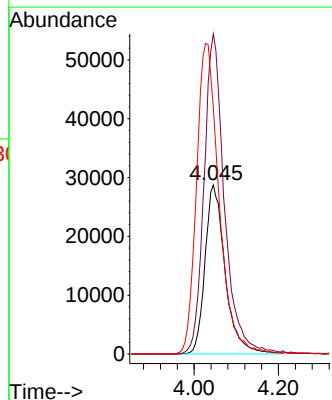
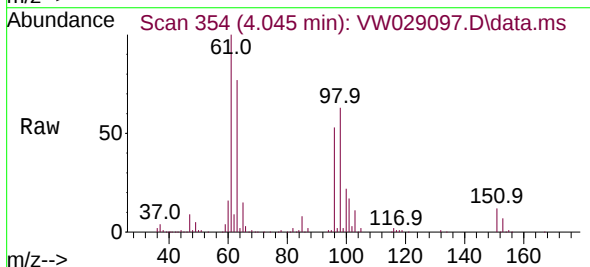
Tgt Ion: 96 Resp: 95424

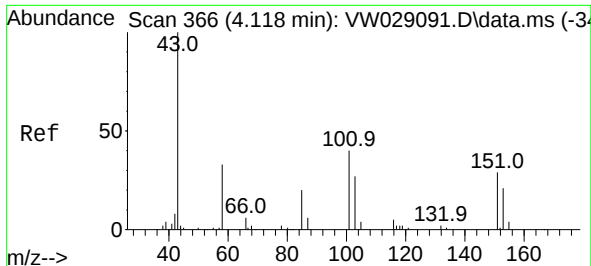
Ion Ratio Lower Upper

96 100

61 189.4 132.2 245.4

63 146.1 108.4 201.2

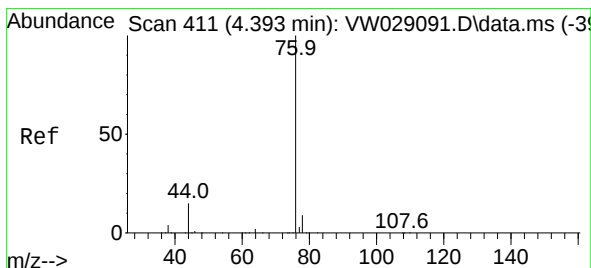
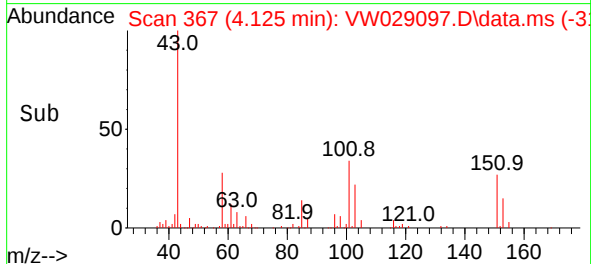
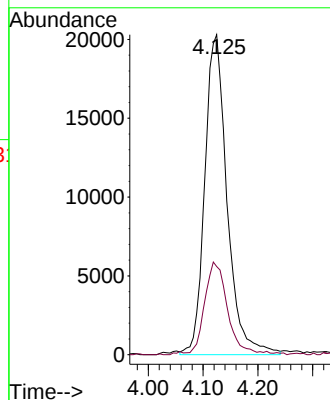
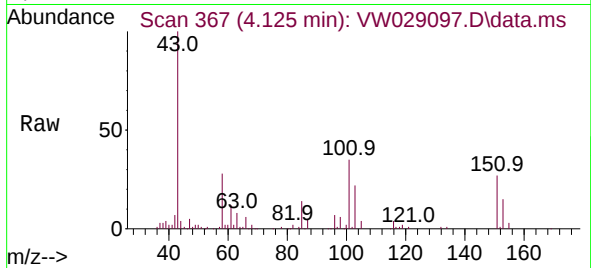




#13
Acetone
Concen: 53.729 ug/L
RT: 4.125 min Scan# 367
Delta R.T. 0.006 min
Lab File: VW029097.D
Acq: 11 Jun 2024 14:49

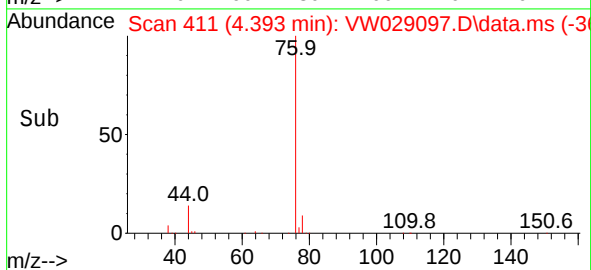
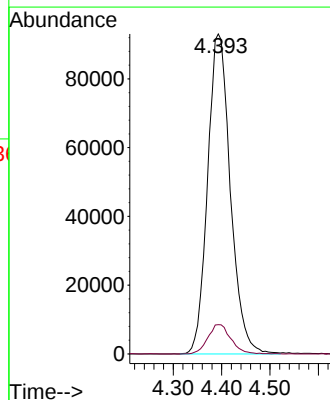
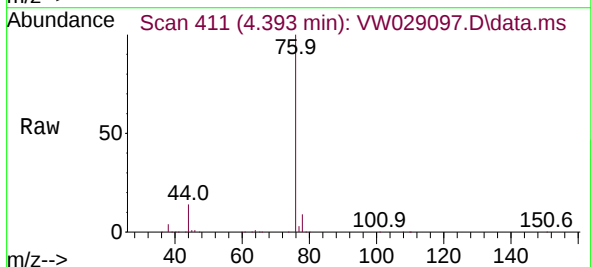
Instrument :
MSVOA_W
ClientSampleId :

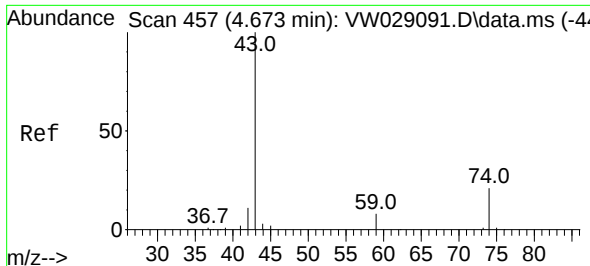
Tgt Ion: 43 Resp: 57389
Ion Ratio Lower Upper
43 100
58 29.4 0.0 59.4



#14
Carbon disulfide
Concen: 22.669 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW029097.D
Acq: 11 Jun 2024 14:49

Tgt Ion: 76 Resp: 304624
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

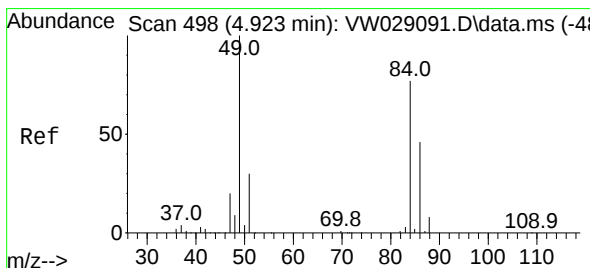
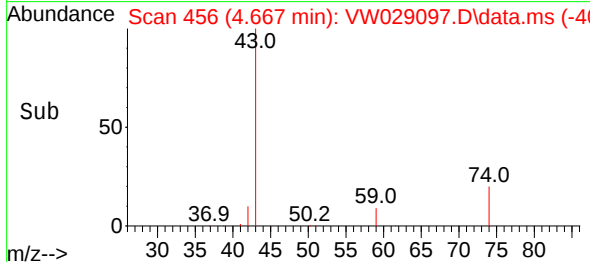
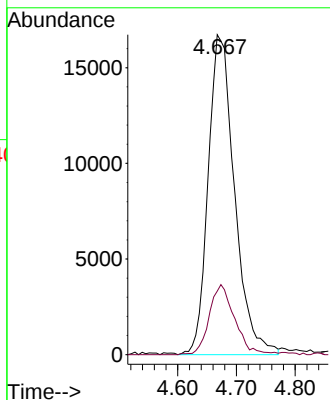
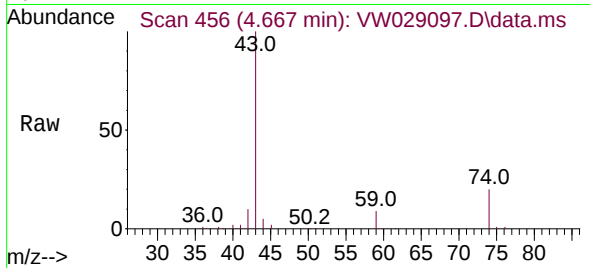




#15
Methyl Acetate
Concen: 29.454 ug/L
RT: 4.667 min Scan# 456
Delta R.T. -0.006 min
Lab File: VW029097.D
Acq: 11 Jun 2024 14:49

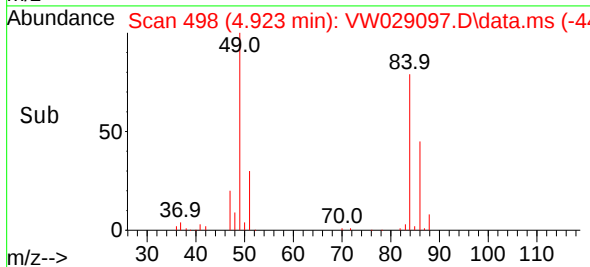
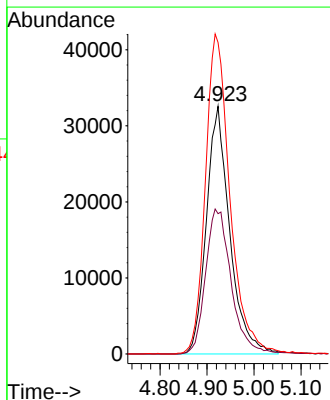
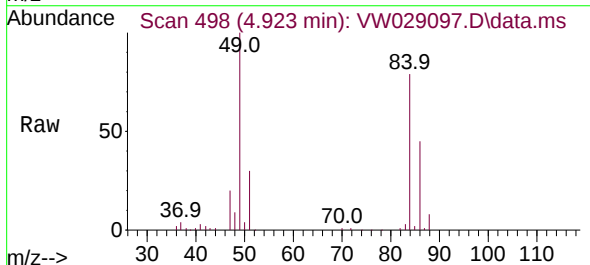
Instrument :
MSVOA_W
ClientSampleId :

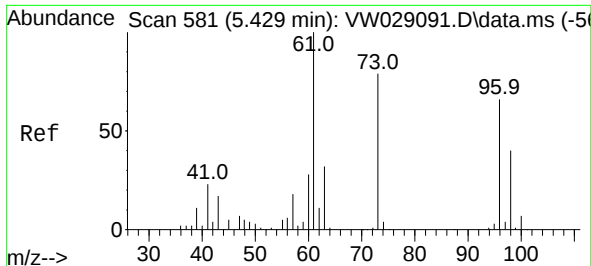
Tgt Ion: 43 Resp: 52252
Ion Ratio Lower Upper
43 100
74 19.4 17.4 26.2



#16
Methylene chloride
Concen: 23.907 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.000 min
Lab File: VW029097.D
Acq: 11 Jun 2024 14:49

Tgt Ion: 84 Resp: 112669
Ion Ratio Lower Upper
84 100
86 56.6 43.8 81.4
49 125.8 91.3 169.5





#17

trans-1,2-Dichloroethene

Concen: 24.900 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW029097.D

Acq: 11 Jun 2024 14:49

Instrument :

MSVOA_W

ClientSampleId :

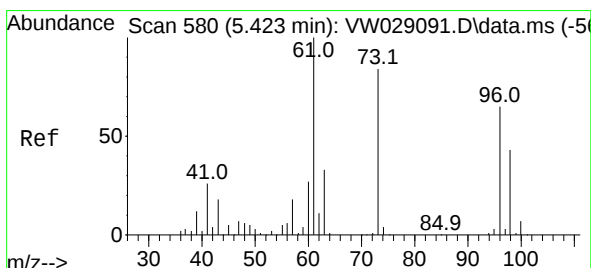
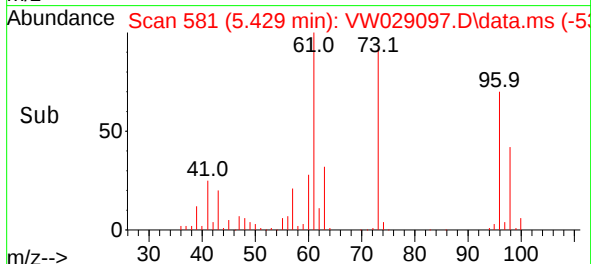
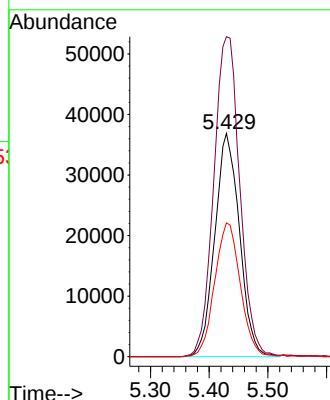
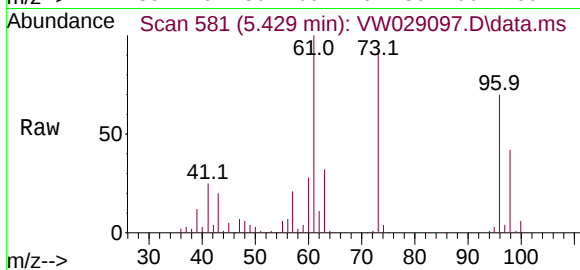
Tgt Ion: 96 Resp: 107759

Ion Ratio Lower Upper

96 100

61 143.3 104.6 194.2

98 59.9 44.0 81.8



#18

Methyl tert-butyl Ether

Concen: 28.293 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.006 min

Lab File: VW029097.D

Acq: 11 Jun 2024 14:49

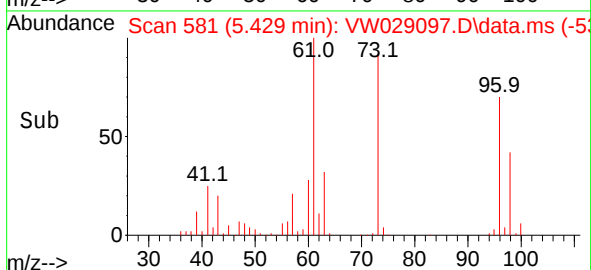
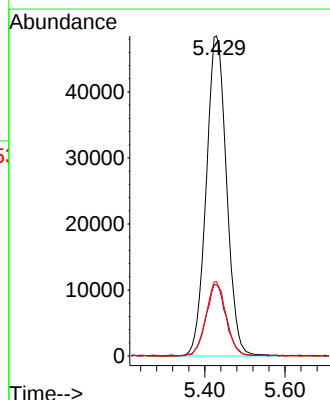
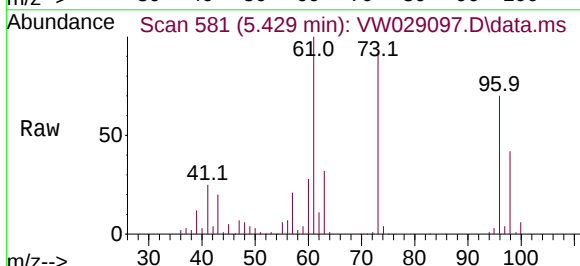
Tgt Ion: 73 Resp: 170743

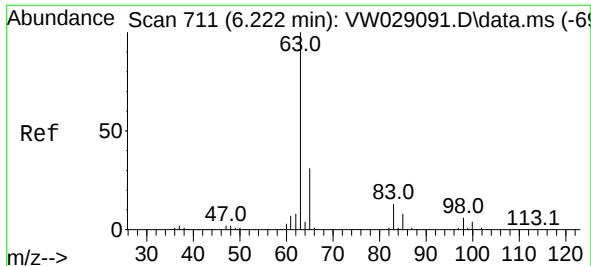
Ion Ratio Lower Upper

73 100

43 21.8 17.8 26.6

57 23.2 18.4 27.6

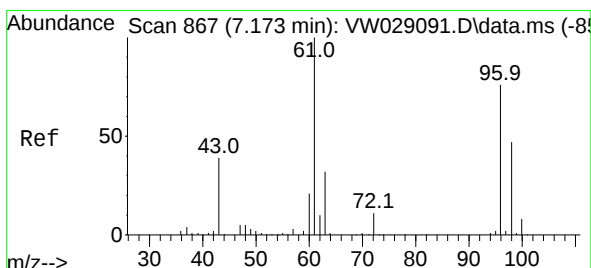
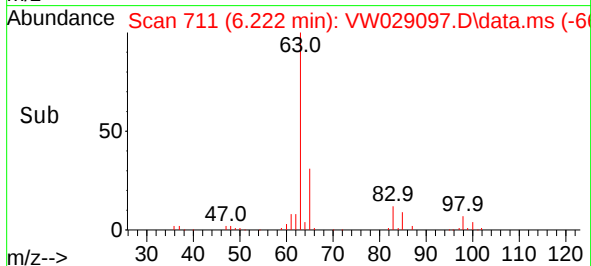
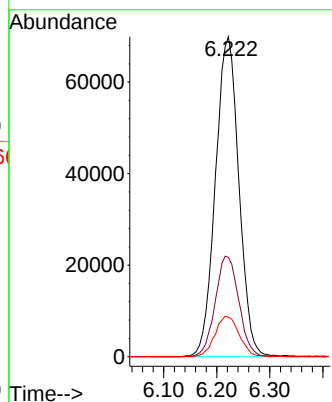
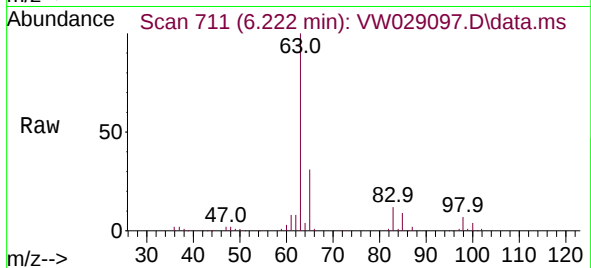




#19
1,1-Dichloroethane
Concen: 25.225 ug/L
RT: 6.222 min Scan# 711
Delta R.T. 0.000 min
Lab File: VW029097.D
Acq: 11 Jun 2024 14:49

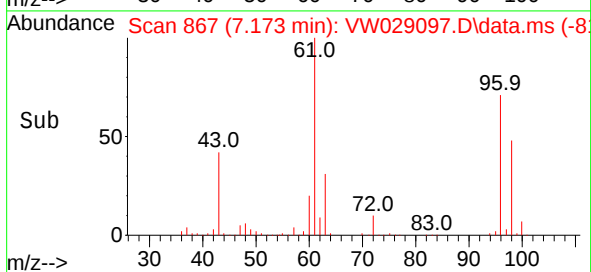
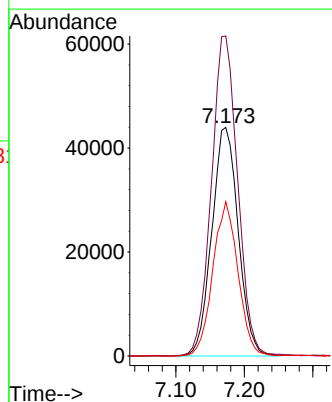
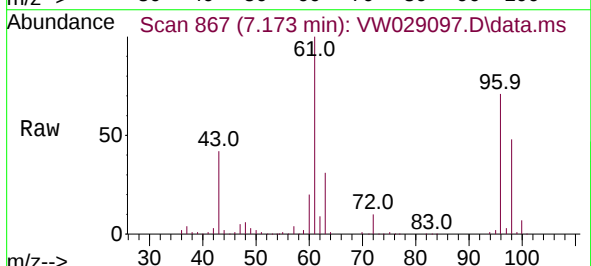
Instrument :
MSVOA_W
ClientSampleId :

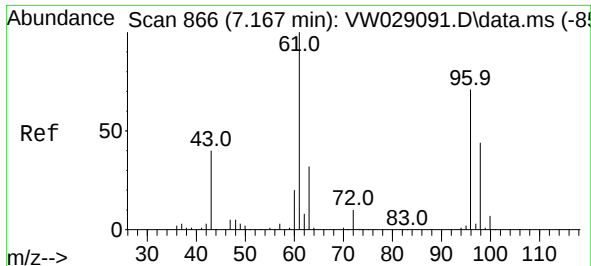
Tgt Ion: 63 Resp: 214617
Ion Ratio Lower Upper
63 100
65 31.1 21.8 40.6
83 12.3 8.8 16.3



#20
cis-1,2-Dichloroethene
Concen: 25.920 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW029097.D
Acq: 11 Jun 2024 14:49

Tgt Ion: 96 Resp: 117599
Ion Ratio Lower Upper
96 100
61 140.1 92.9 172.5
98 67.5 45.2 84.0





#22

2-Butanone

Concen: 55.584 ug/L

RT: 7.167 min Scan# 866

Delta R.T. 0.000 min

Lab File: VW029097.D

Acq: 11 Jun 2024 14:49

Instrument :

MSVOA_W

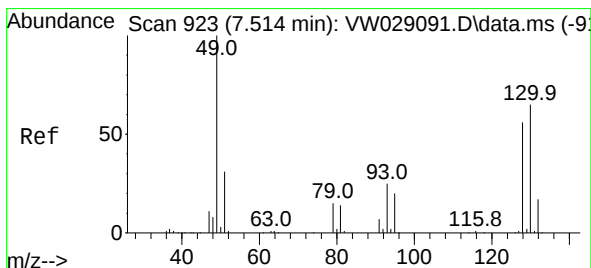
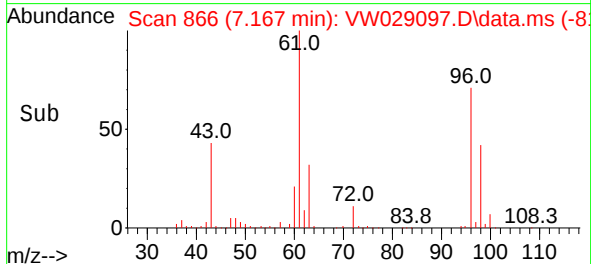
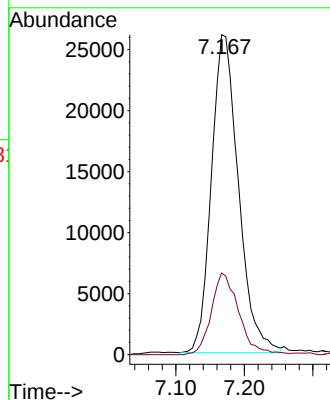
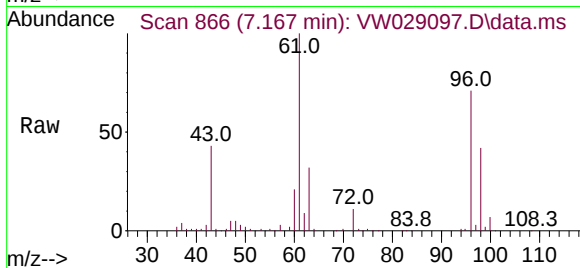
ClientSampleId :

Tgt Ion: 43 Resp: 71541

Ion Ratio Lower Upper

43 100

72 25.7 12.5 37.5



#23

Bromochloromethane

Concen: 25.726 ug/L

RT: 7.514 min Scan# 923

Delta R.T. 0.000 min

Lab File: VW029097.D

Acq: 11 Jun 2024 14:49

Tgt Ion: 128 Resp: 50950

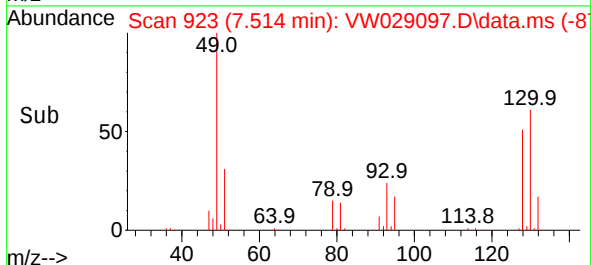
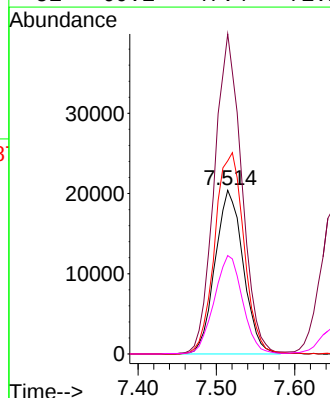
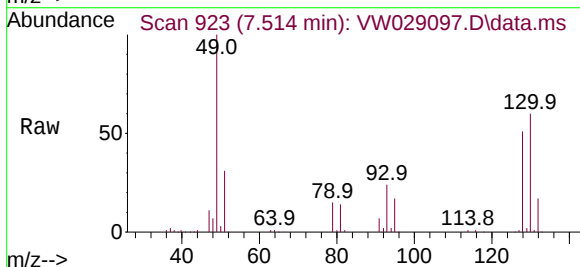
Ion Ratio Lower Upper

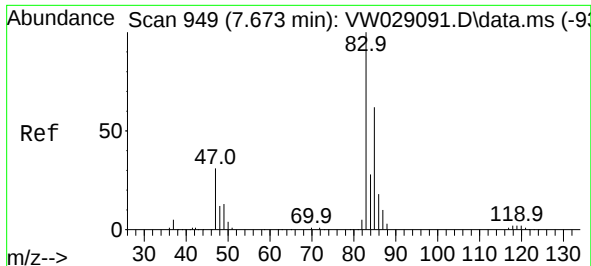
128 100

49 195.5 135.9 252.3

130 118.0 89.0 165.2

51 60.1 47.4 71.2





#25

Chloroform

Concen: 25.569 ug/L

RT: 7.679 min Scan# 949

Delta R.T. 0.006 min

Lab File: VW029097.D

Acq: 11 Jun 2024 14:49

Instrument :

MSVOA_W

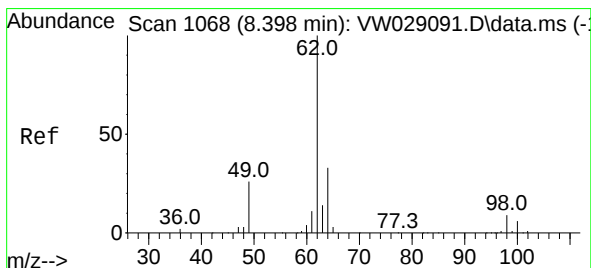
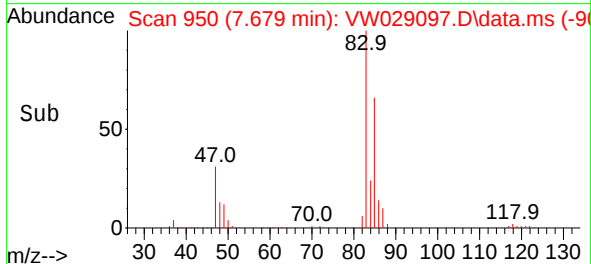
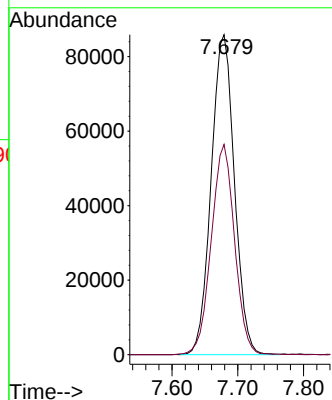
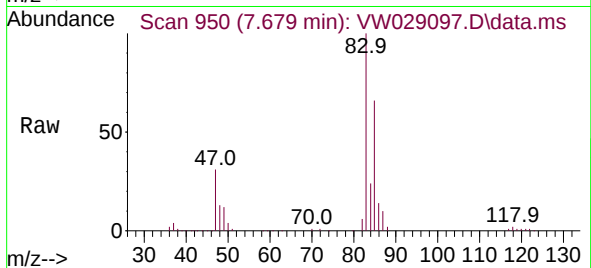
ClientSampleId :

Tgt Ion: 83 Resp: 211296

Ion Ratio Lower Upper

83 100

85 65.7 45.8 85.2



#27

1,2-Dichloroethane

Concen: 26.123 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW029097.D

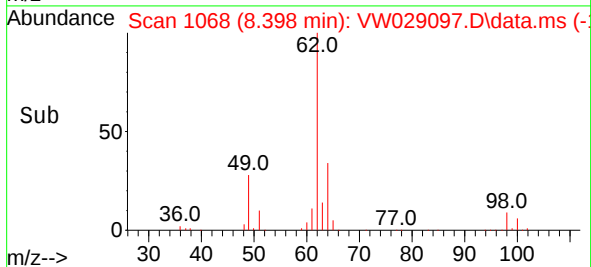
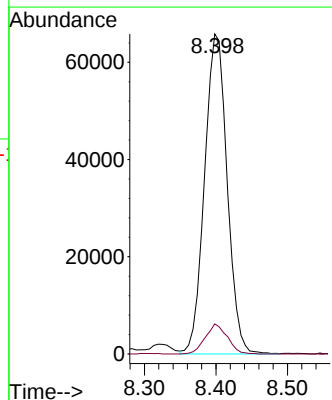
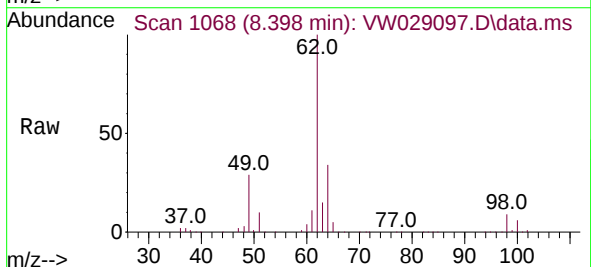
Acq: 11 Jun 2024 14:49

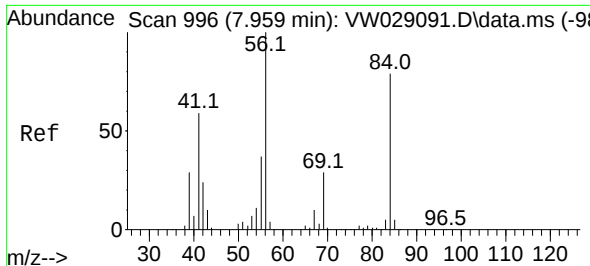
Tgt Ion: 62 Resp: 144666

Ion Ratio Lower Upper

62 100

98 9.4 7.1 10.7

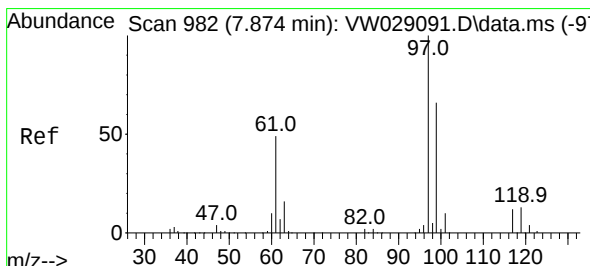
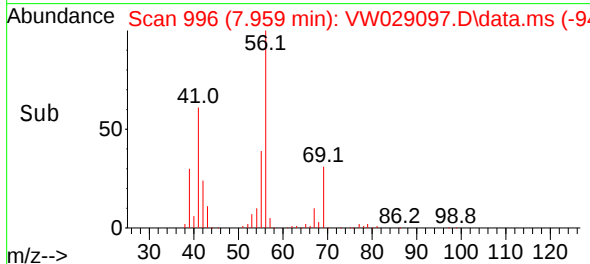
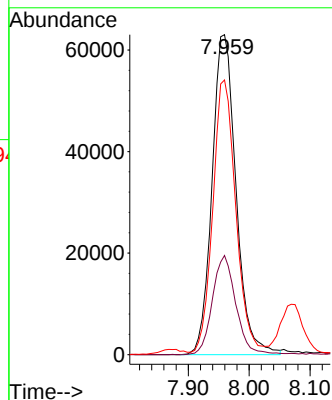
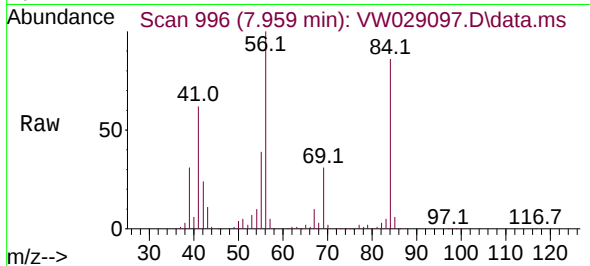




#29
Cyclohexane
Concen: 23.690 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW029097.D
Acq: 11 Jun 2024 14:49

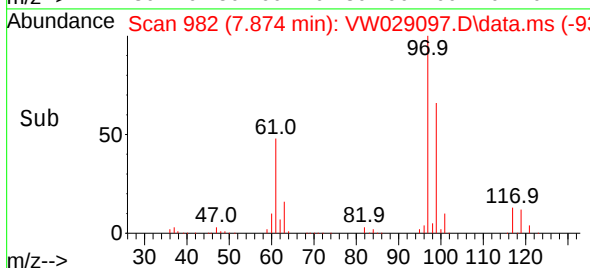
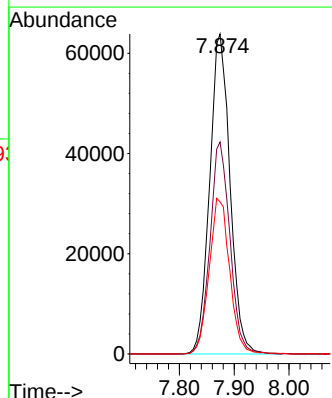
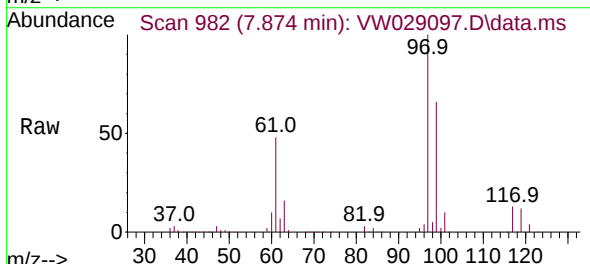
Instrument :
MSVOA_W
ClientSampleId :

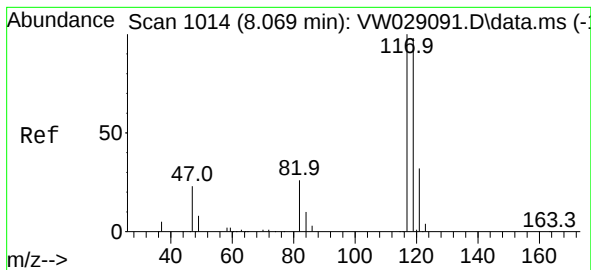
Tgt Ion: 56 Resp: 172284
Ion Ratio Lower Upper
56 100
69 30.3 24.2 36.4
84 82.0 65.4 98.2



#30
1,1,1-Trichloroethane
Concen: 24.261 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW029097.D
Acq: 11 Jun 2024 14:49

Tgt Ion: 97 Resp: 164420
Ion Ratio Lower Upper
97 100
99 64.9 51.6 77.4
61 48.9 39.6 59.4





#31

Carbon tetrachloride

Concen: 23.798 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW029097.D

Acq: 11 Jun 2024 14:49

Instrument :

MSVOA_W

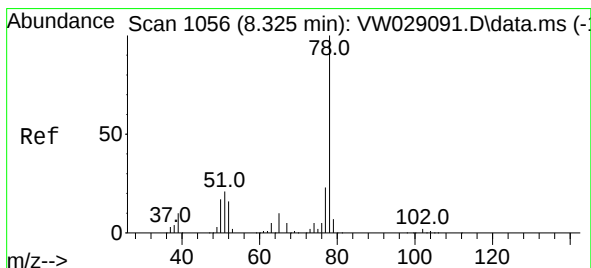
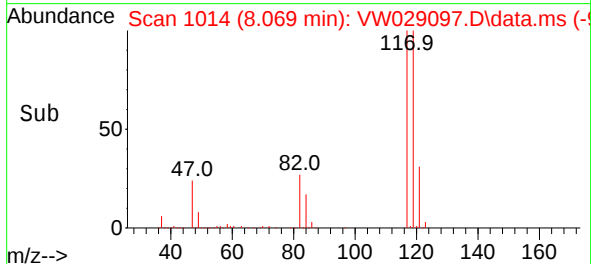
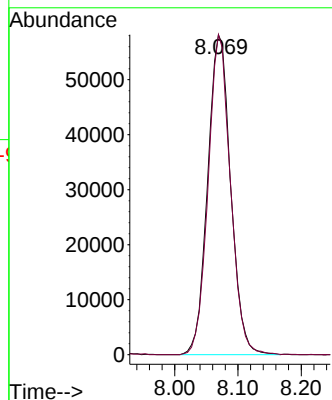
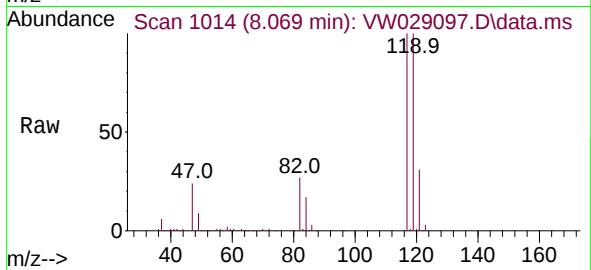
ClientSampleId :

Tgt Ion:117 Resp: 146904

Ion Ratio Lower Upper

117 100

119 97.0 78.8 118.2



#33

Benzene

Concen: 25.655 ug/L

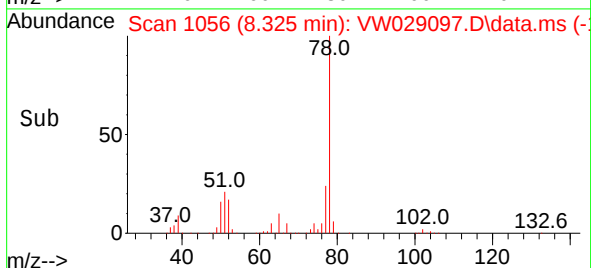
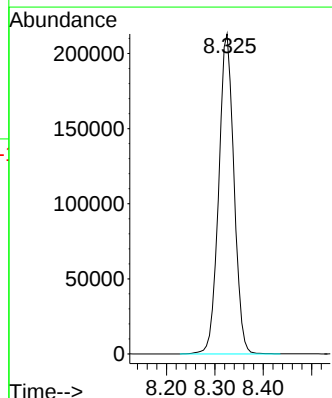
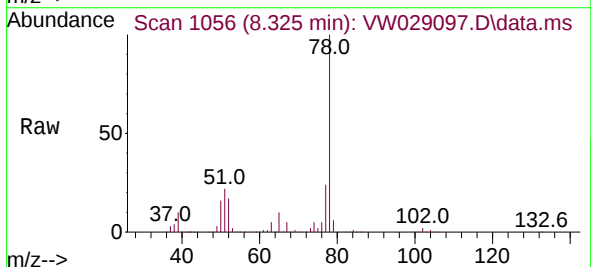
RT: 8.325 min Scan# 1056

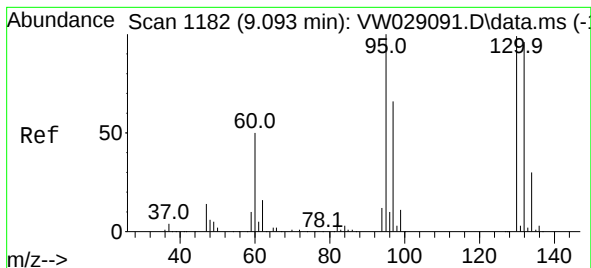
Delta R.T. 0.000 min

Lab File: VW029097.D

Acq: 11 Jun 2024 14:49

Tgt Ion: 78 Resp: 466592





#34

Trichloroethene

Concen: 24.696 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW029097.D

Acq: 11 Jun 2024 14:49

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 118084

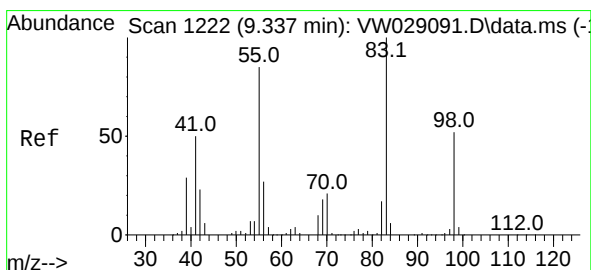
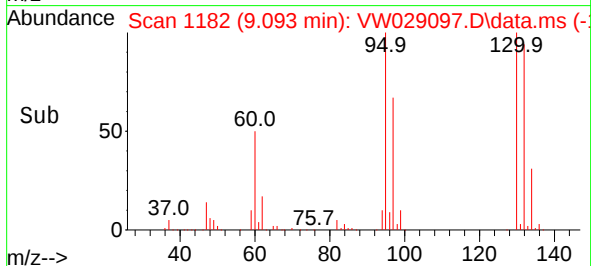
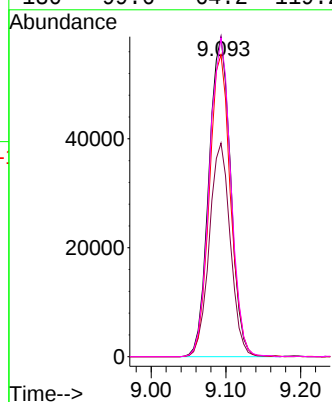
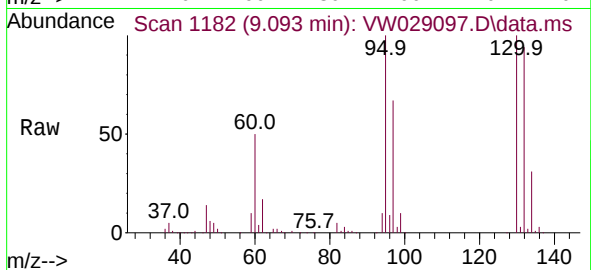
Ion Ratio Lower Upper

95 100

97 66.8 41.9 77.7

132 94.4 60.1 111.5

130 99.6 64.2 119.2



#35

Methylcyclohexane

Concen: 23.233 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW029097.D

Acq: 11 Jun 2024 14:49

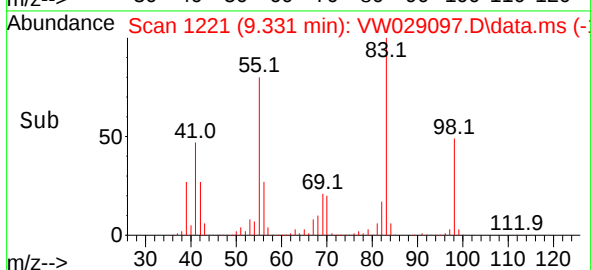
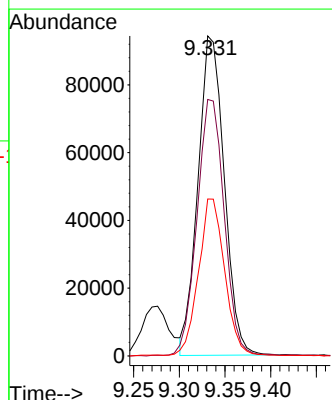
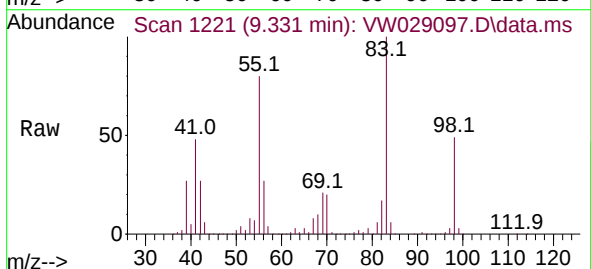
Tgt Ion: 83 Resp: 188449

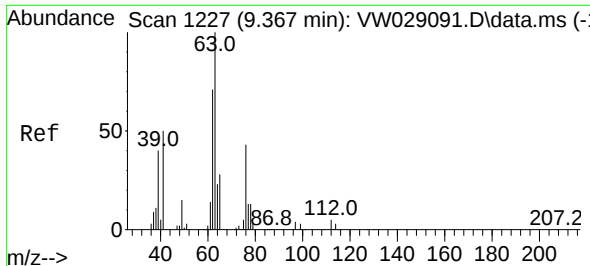
Ion Ratio Lower Upper

83 100

55 83.5 65.8 98.6

98 49.3 38.4 57.6





#37

1,2-Dichloropropane

Concen: 26.395 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW029097.D

Acq: 11 Jun 2024 14:49

Instrument :

MSVOA_W

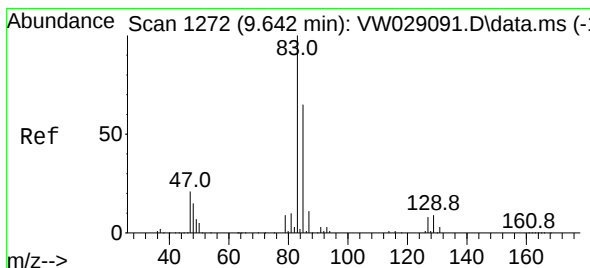
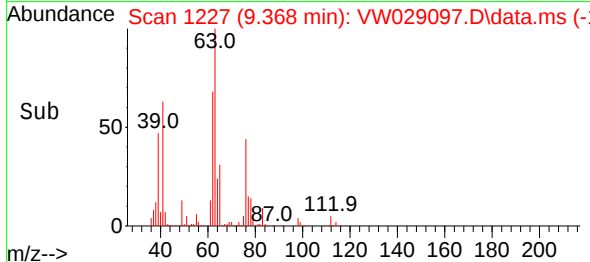
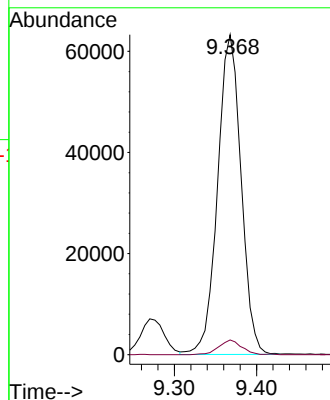
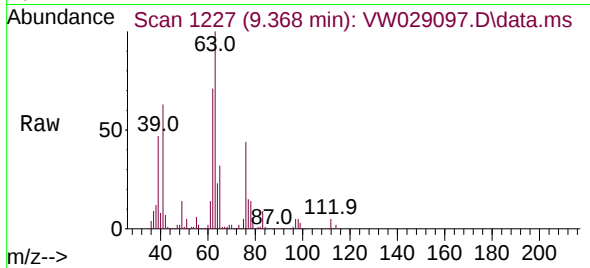
ClientSampleId :

Tgt Ion: 63 Resp: 125712

Ion Ratio Lower Upper

63 100

112 4.4 3.6 5.4



#38

Bromodichloromethane

Concen: 25.340 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW029097.D

Acq: 11 Jun 2024 14:49

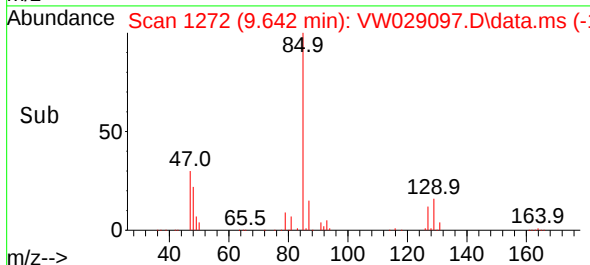
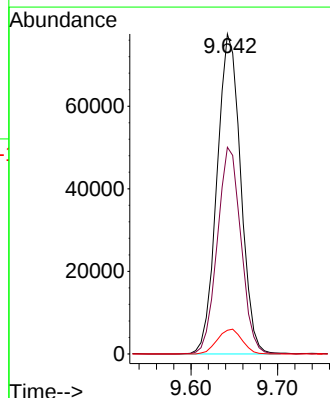
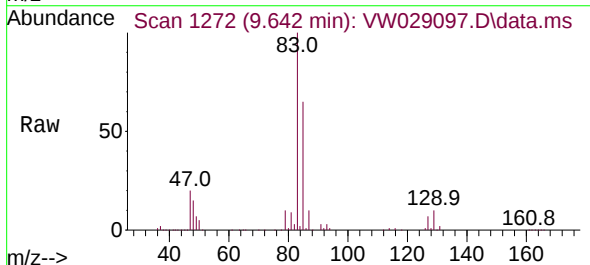
Tgt Ion: 83 Resp: 147186

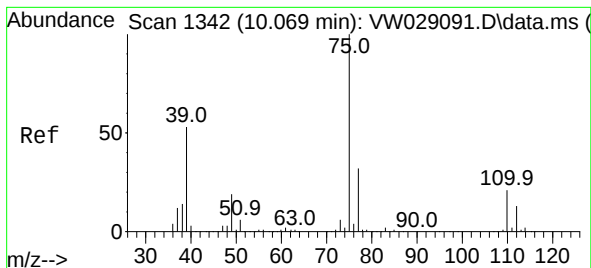
Ion Ratio Lower Upper

83 100

85 64.6 43.9 81.5

127 7.4 5.4 8.2





#39

cis-1,3-Dichloropropene

Concen: 26.322 ug/L

RT: 10.075 min Scan# 1342

Delta R.T. 0.006 min

Lab File: VW029097.D

Acq: 11 Jun 2024 14:49

Instrument :

MSVOA_W

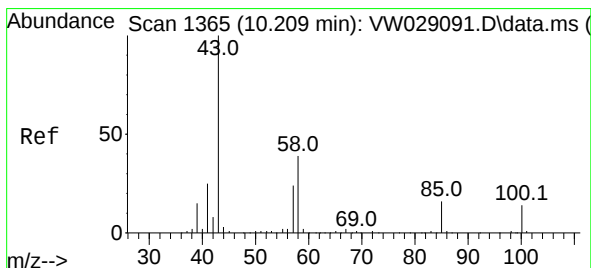
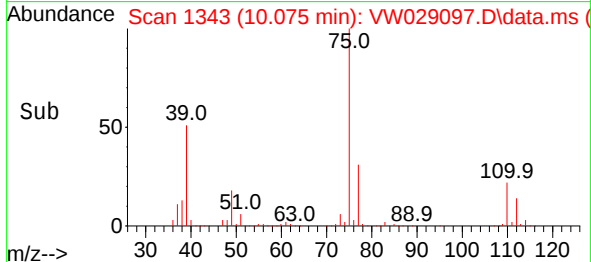
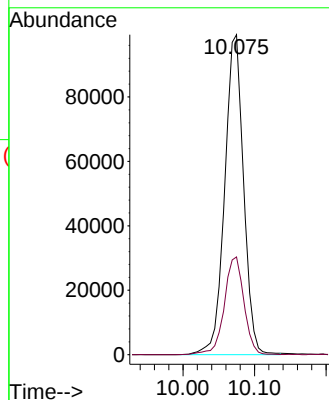
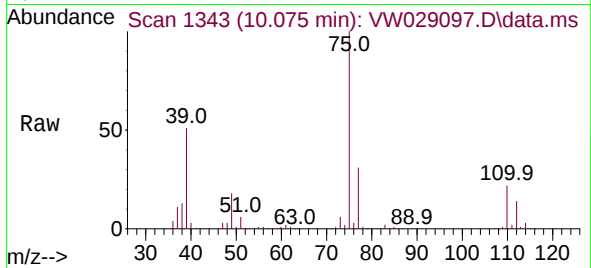
ClientSampleId :

Tgt Ion: 75 Resp: 182190

Ion Ratio Lower Upper

75 100

77 30.6 21.0 39.0



#40

4-Methyl-2-pentanone

Concen: 61.411 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW029097.D

Acq: 11 Jun 2024 14:49

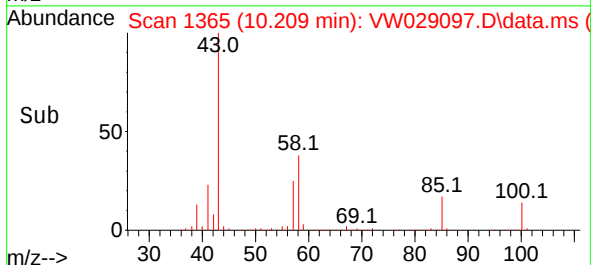
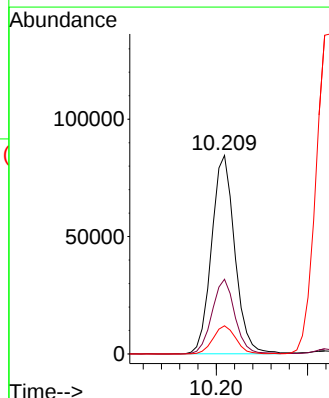
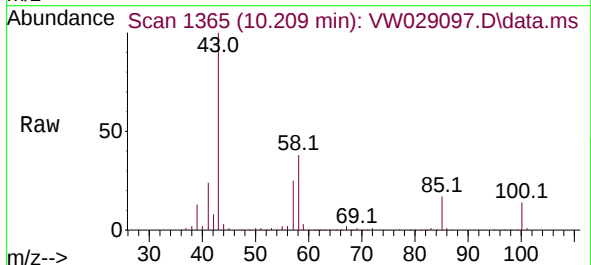
Tgt Ion: 43 Resp: 148766

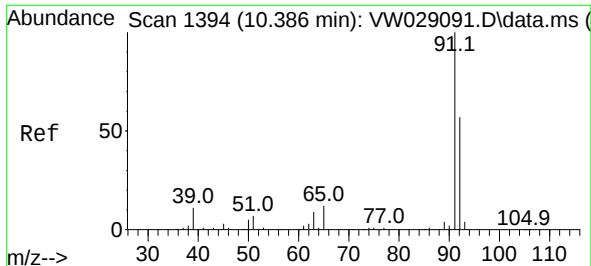
Ion Ratio Lower Upper

43 100

58 37.4 30.3 45.5

100 14.0 10.7 16.1

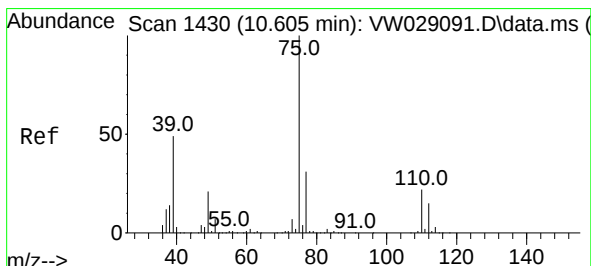
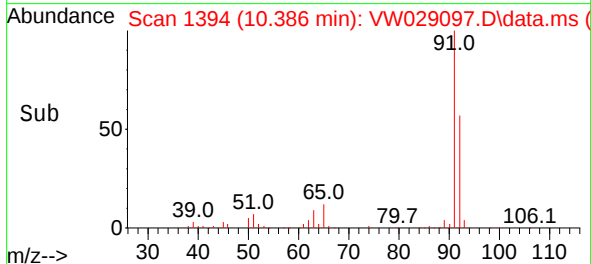
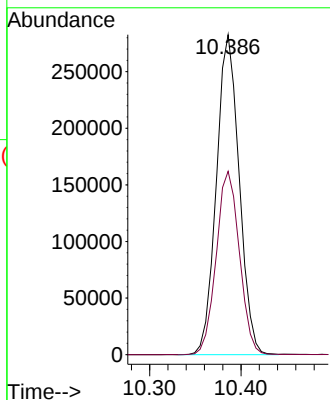
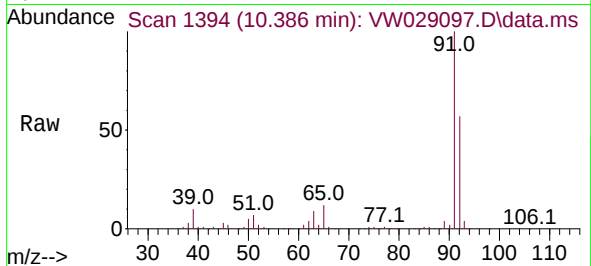




#42
Toluene
Concen: 26.371 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW029097.D
Acq: 11 Jun 2024 14:49

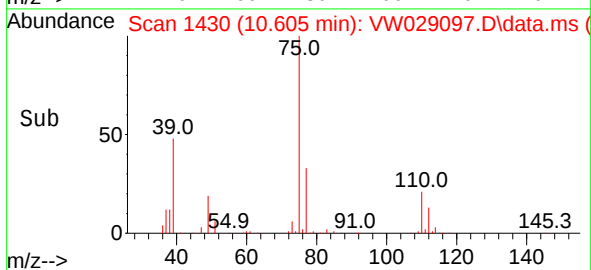
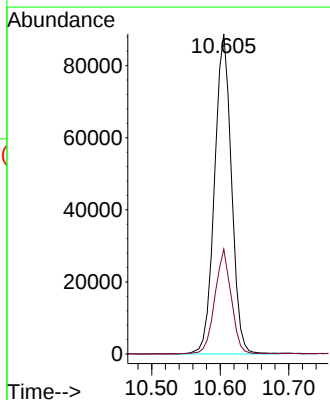
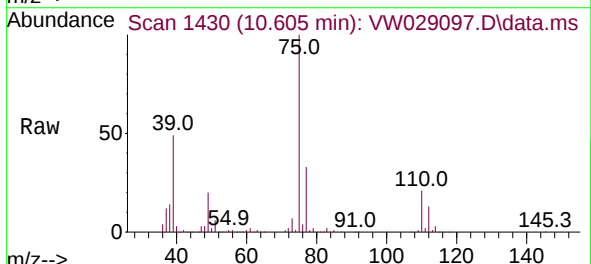
Instrument :
MSVOA_W
ClientSampleId :

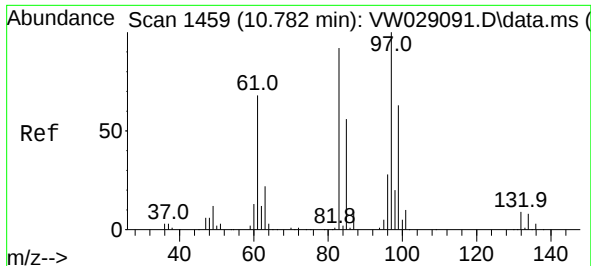
Tgt Ion: 91 Resp: 489955
Ion Ratio Lower Upper
91 100
92 57.3 41.2 76.4



#44
trans-1,3-Dichloropropene
Concen: 27.299 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW029097.D
Acq: 11 Jun 2024 14:49

Tgt Ion: 75 Resp: 152328
Ion Ratio Lower Upper
75 100
77 32.7 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 26.511 ug/L

RT: 10.788 min Scan# 1459

Delta R.T. 0.006 min

Lab File: VW029097.D

Acq: 11 Jun 2024 14:49

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 85275

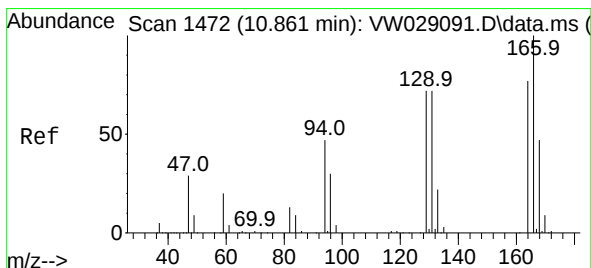
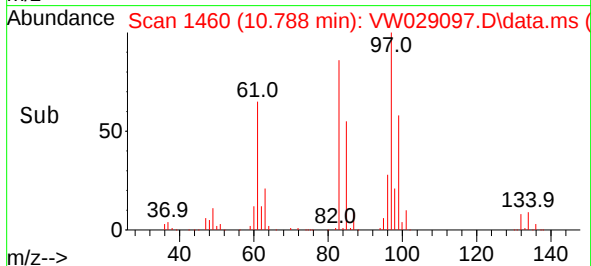
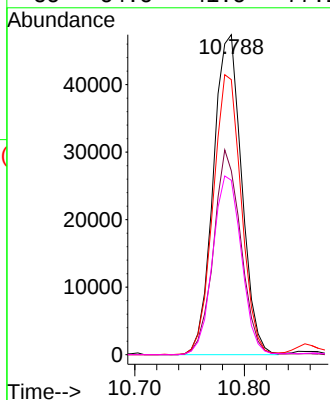
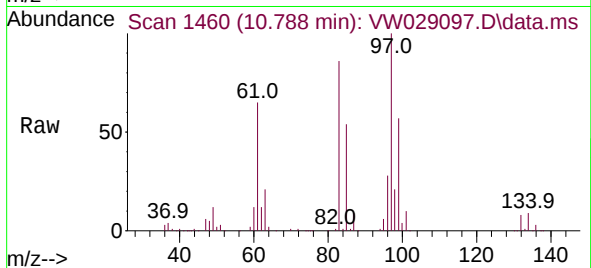
Ion Ratio Lower Upper

97 100

99 57.4 41.8 77.6

83 86.0 62.4 115.8

85 54.5 41.5 77.1



#46

Tetrachloroethene

Concen: 23.321 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW029097.D

Acq: 11 Jun 2024 14:49

Tgt Ion:164 Resp: 84720

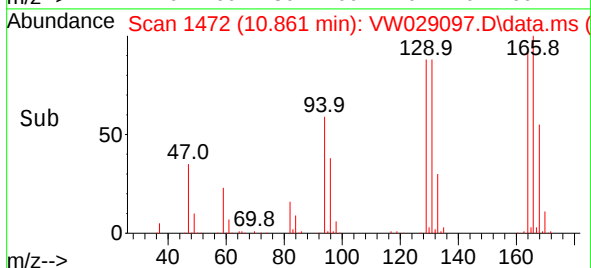
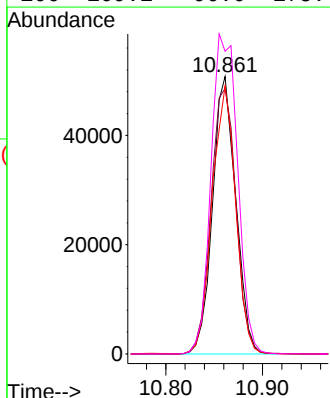
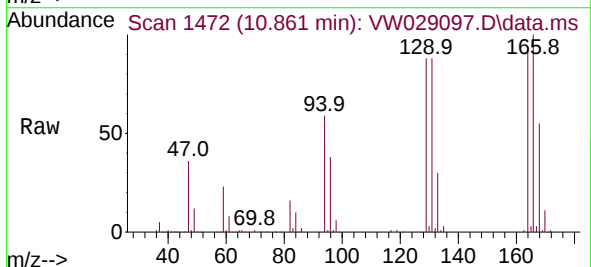
Ion Ratio Lower Upper

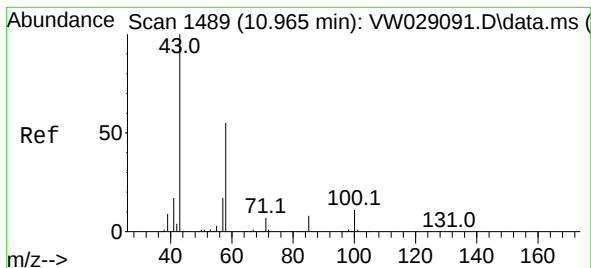
164 100

129 95.7 69.4 128.8

131 96.5 71.0 131.9

166 109.1 96.0 178.4





#48

2-Hexanone

Concen: 60.752 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

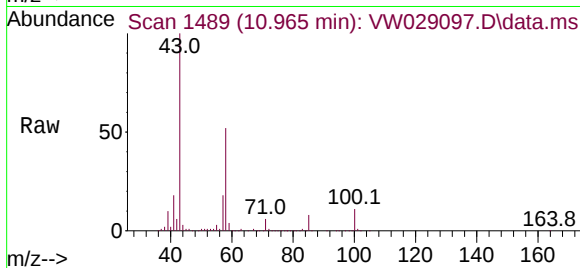
Lab File: VW029097.D

Acq: 11 Jun 2024 14:49

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 110342

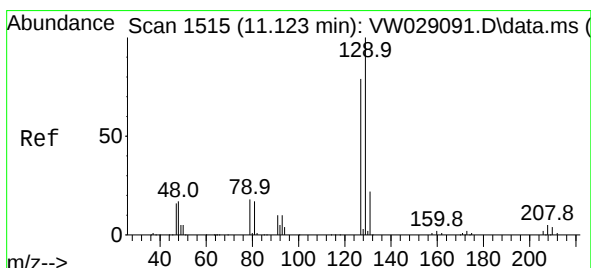
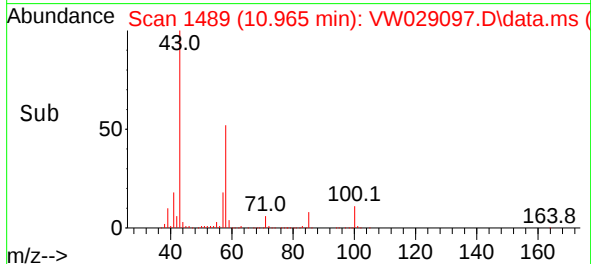
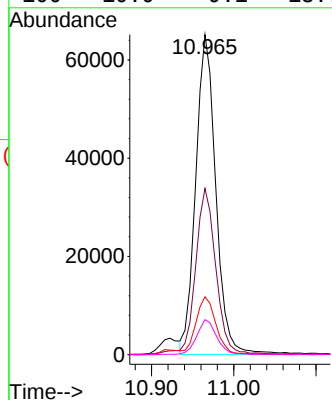
Ion Ratio Lower Upper

43 100

58 50.1 41.4 62.0

57 18.4 14.2 21.4

100 10.9 9.1 13.7



#49

Dibromochloromethane

Concen: 26.791 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. 0.000 min

Lab File: VW029097.D

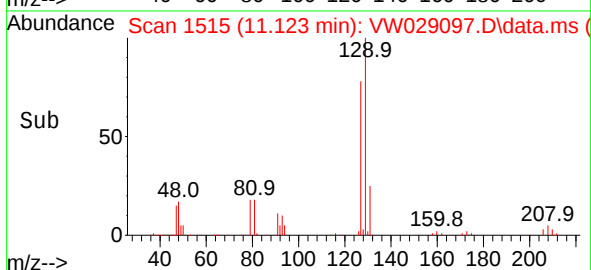
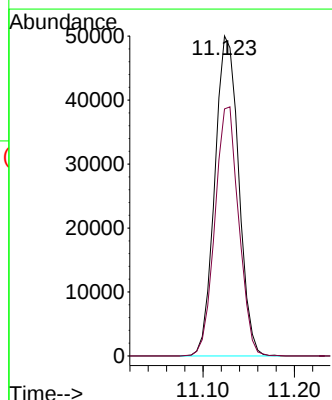
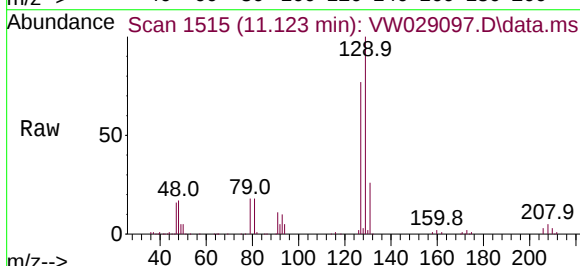
Acq: 11 Jun 2024 14:49

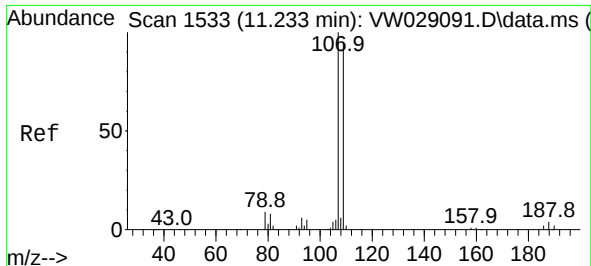
Tgt Ion:129 Resp: 91018

Ion Ratio Lower Upper

129 100

127 77.2 56.5 104.9





#50

1,2-Dibromoethane

Concen: 26.644 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

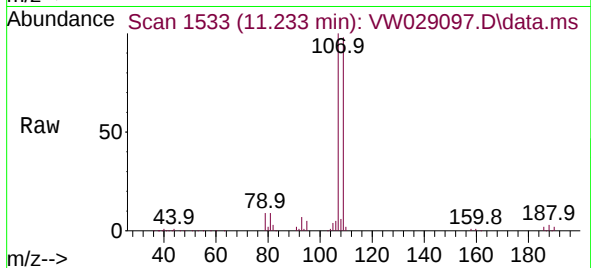
Lab File: VW029097.D

Acq: 11 Jun 2024 14:49

Instrument :

MSVOA_W

ClientSampleId :



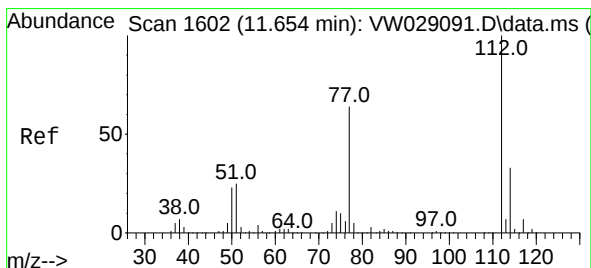
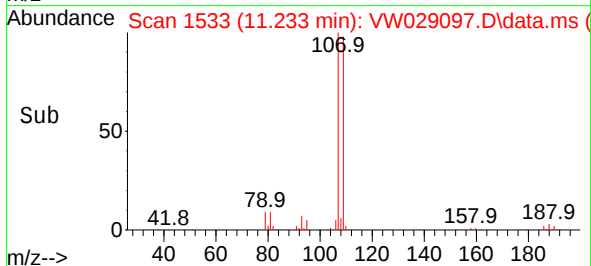
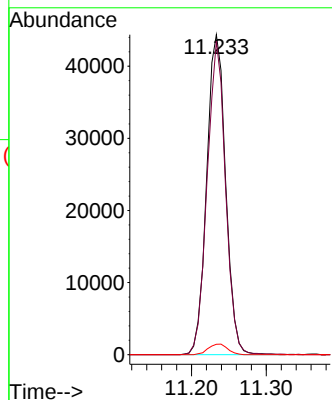
Tgt Ion:107 Resp: 78235

Ion Ratio Lower Upper

107 100

109 98.0 67.9 126.1

188 3.2 3.0 4.4



#51

Chlorobenzene

Concen: 25.515 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW029097.D

Acq: 11 Jun 2024 14:49

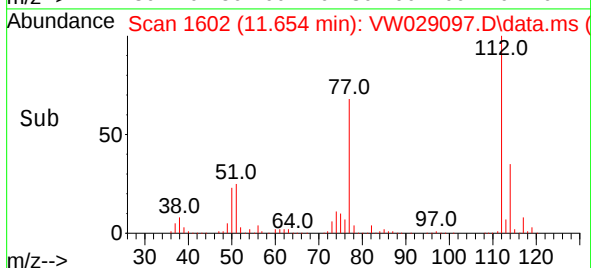
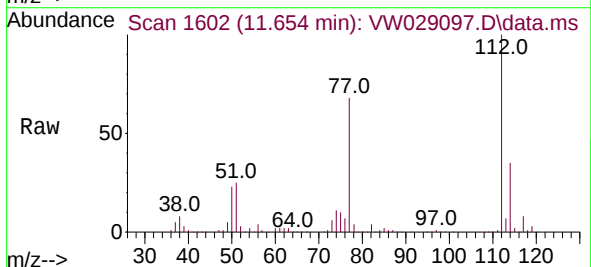
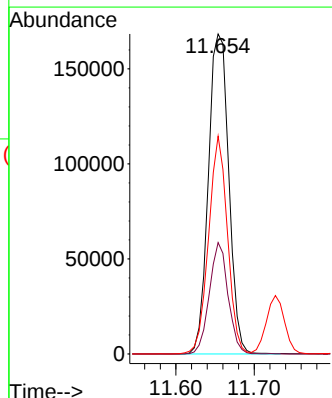
Tgt Ion:112 Resp: 304522

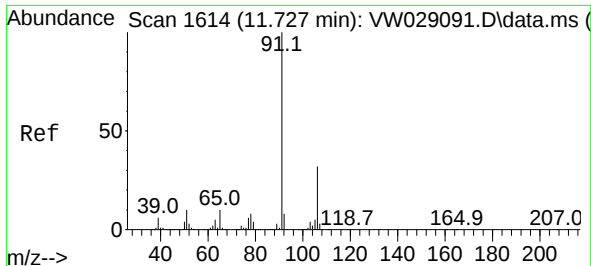
Ion Ratio Lower Upper

112 100

114 34.8 23.7 44.1

77 68.1 51.7 77.5





#52

Ethylbenzene

Concen: 26.565 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029097.D

Acq: 11 Jun 2024 14:49

Instrument :

MSVOA_W

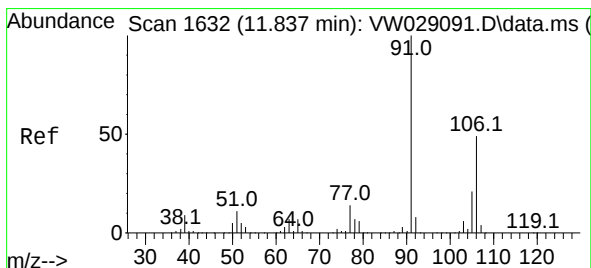
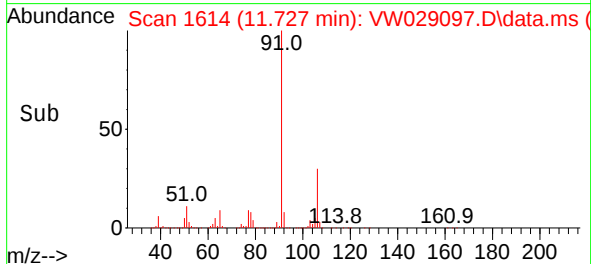
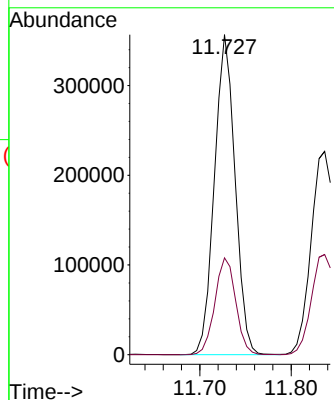
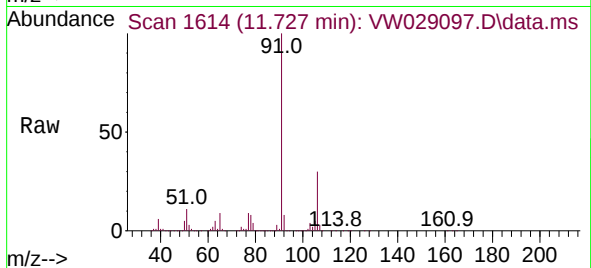
ClientSampleId :

Tgt Ion: 91 Resp: 560771

Ion Ratio Lower Upper

91 100

106 30.3 19.9 37.0



#53

m,p-Xylene

Concen: 27.106 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW029097.D

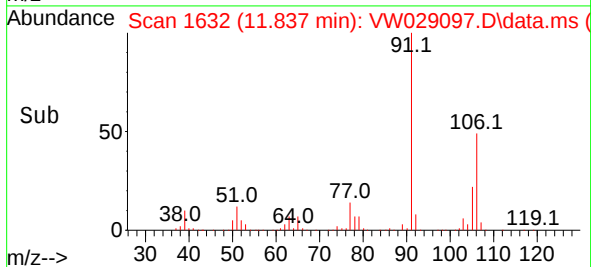
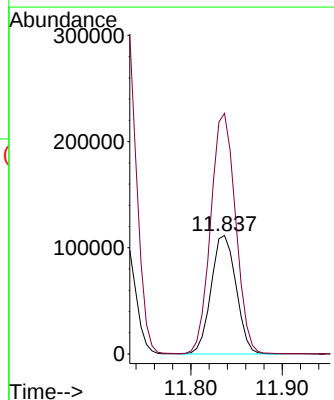
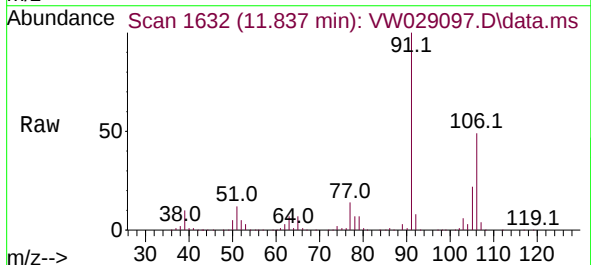
Acq: 11 Jun 2024 14:49

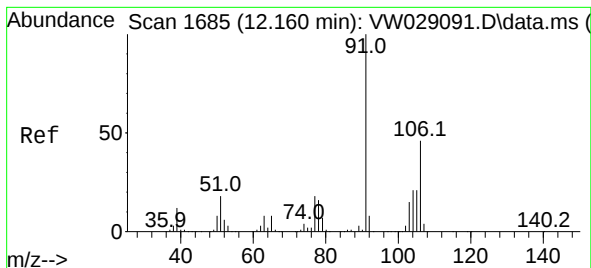
Tgt Ion:106 Resp: 211941

Ion Ratio Lower Upper

106 100

91 203.1 152.0 282.2





#54

o-Xylene

Concen: 27.155 ug/L

RT: 12.160 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029097.D

Acq: 11 Jun 2024 14:49

Instrument :

MSVOA_W

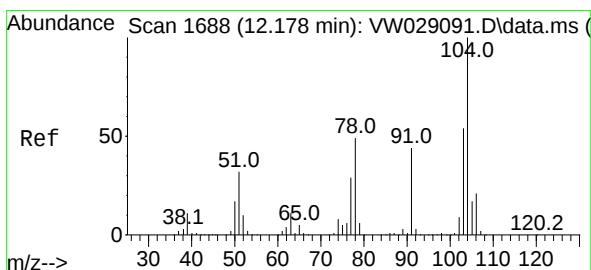
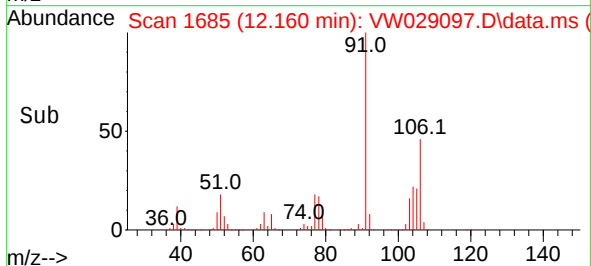
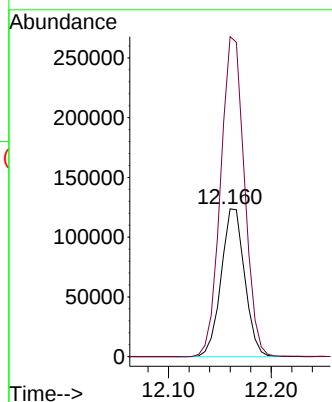
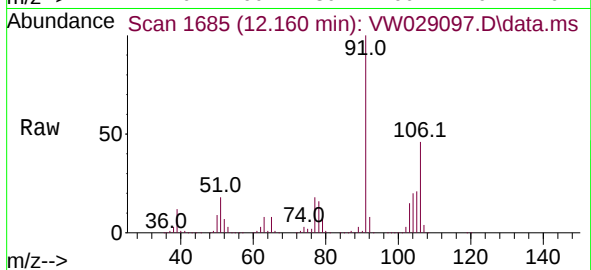
ClientSampleId :

Tgt Ion:106 Resp: 196599

Ion Ratio Lower Upper

106 100

91 216.4 152.5 283.3



#55

Styrene

Concen: 27.207 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW029097.D

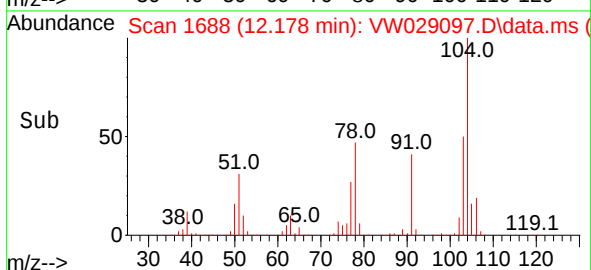
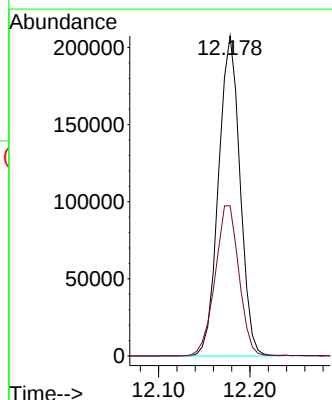
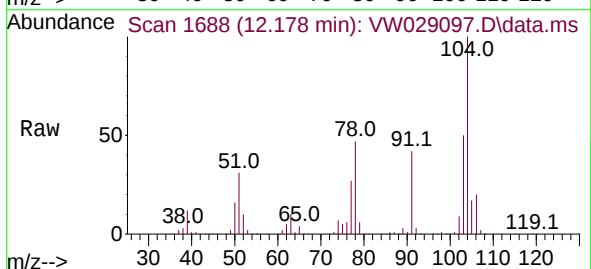
Acq: 11 Jun 2024 14:49

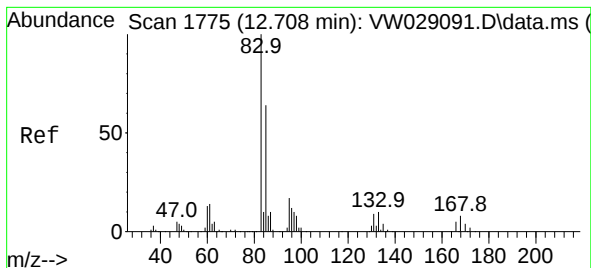
Tgt Ion:104 Resp: 339592

Ion Ratio Lower Upper

104 100

78 46.9 33.3 61.9





#57

1,1,2,2-Tetrachloroethane

Concen: 27.909 ug/L

RT: 12.709 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029097.D

Acq: 11 Jun 2024 14:49

Instrument :

MSVOA_W

ClientSampleId :

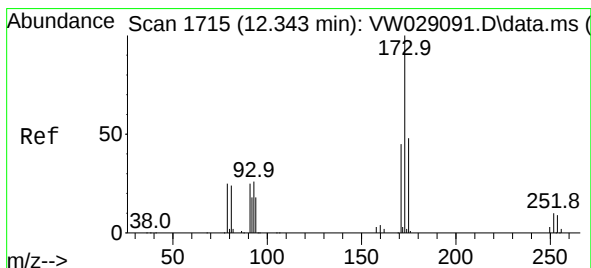
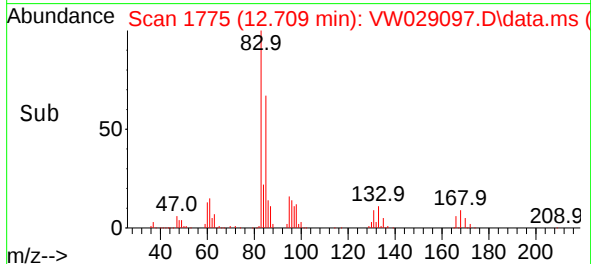
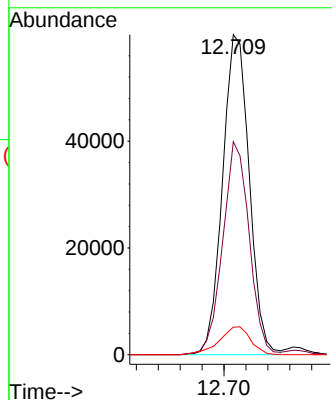
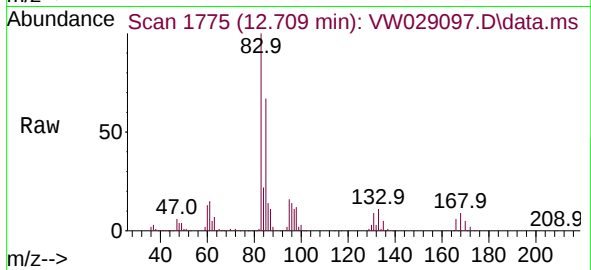
Tgt Ion: 83 Resp: 101340

Ion Ratio Lower Upper

83 100

85 66.5 43.8 81.3

131 8.6 7.3 10.9



#59

Bromoform

Concen: 26.400 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VW029097.D

Acq: 11 Jun 2024 14:49

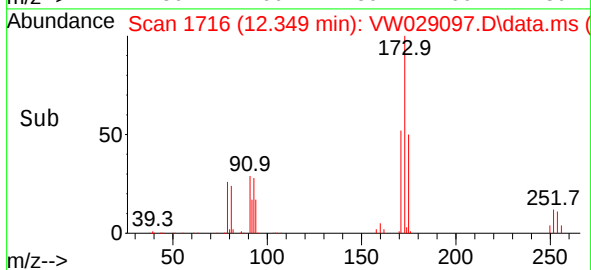
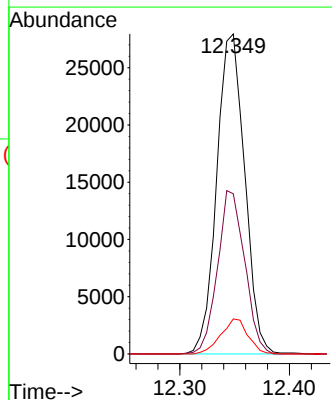
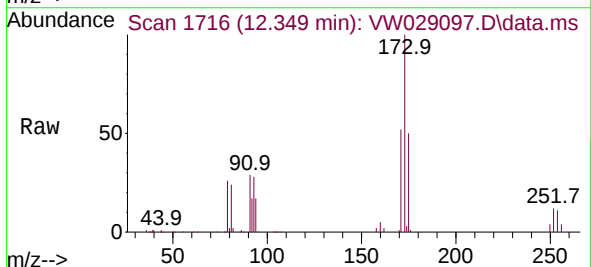
Tgt Ion:173 Resp: 49586

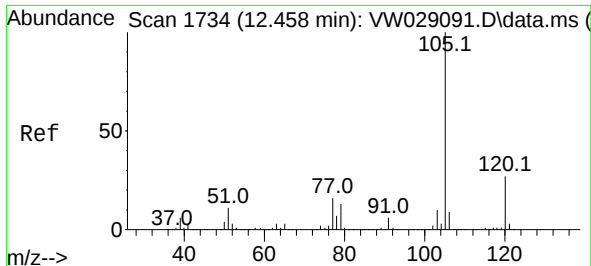
Ion Ratio Lower Upper

173 100

175 49.4 38.1 57.1

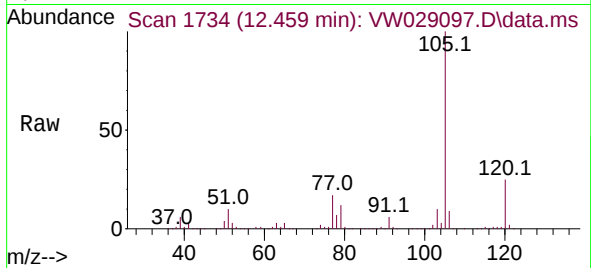
254 10.6 8.2 12.2



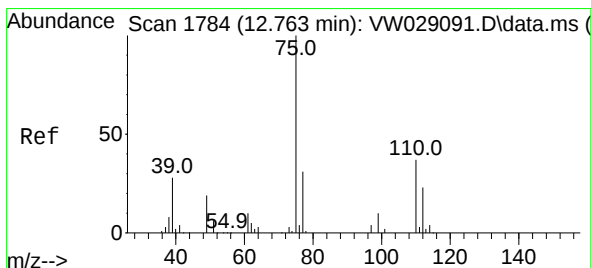
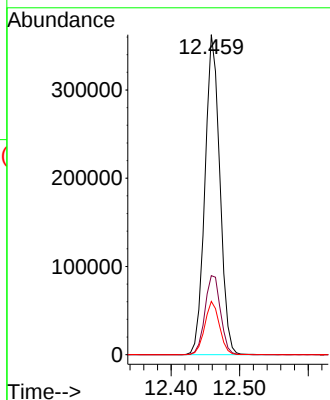
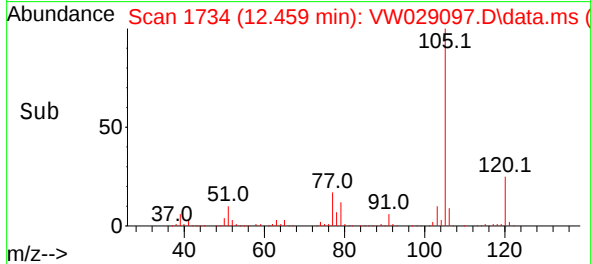


#60
Isopropylbenzene
Concen: 26.519 ug/L
RT: 12.459 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW029097.D
Acq: 11 Jun 2024 14:49

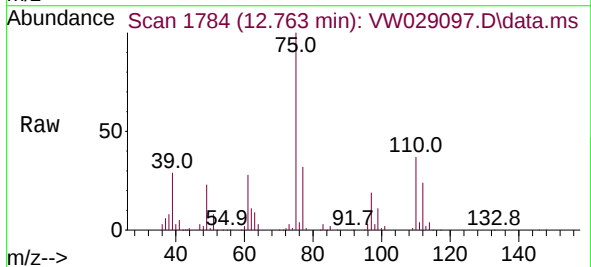
Instrument :
MSVOA_W
ClientSampleId :



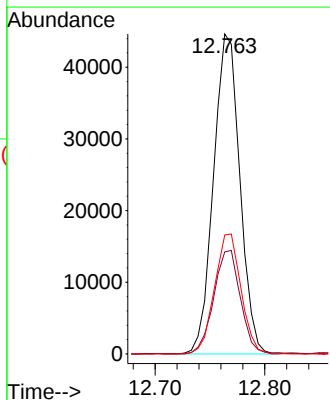
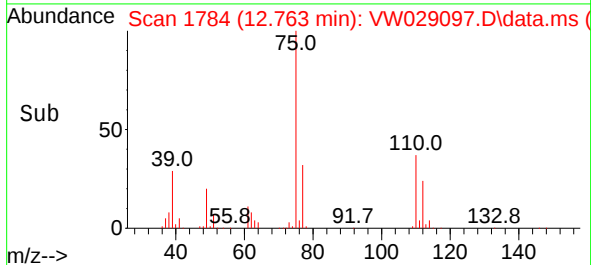
Tgt Ion:105 Resp: 548201
Ion Ratio Lower Upper
105 100
120 25.9 20.7 31.1
77 16.5 13.5 20.3

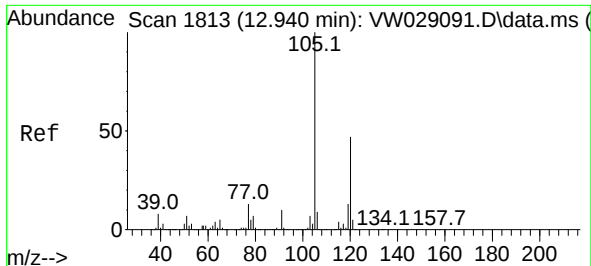


#61
1,2,3-Trichloropropane
Concen: 27.019 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW029097.D
Acq: 11 Jun 2024 14:49



Tgt Ion: 75 Resp: 74444
Ion Ratio Lower Upper
75 100
77 32.8 26.3 39.5
110 37.6 29.4 44.0





#62

1,3,5-Trimethylbenzene

Concen: 26.581 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW029097.D

Acq: 11 Jun 2024 14:49

Instrument :

MSVOA_W

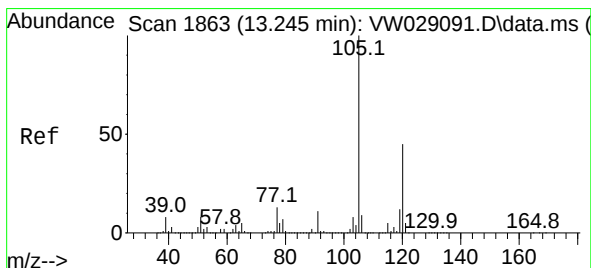
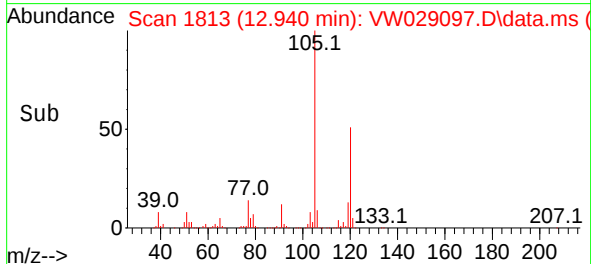
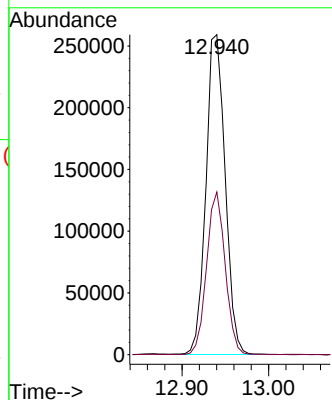
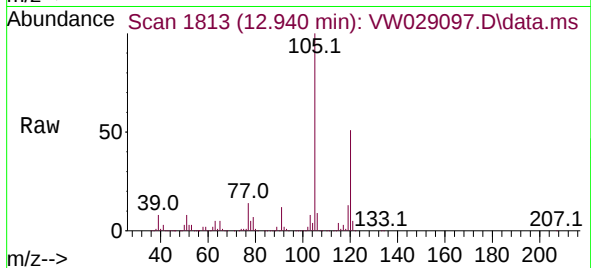
ClientSampleId :

Tgt Ion:105 Resp: 399643

Ion Ratio Lower Upper

105 100

120 49.3 38.4 57.6



#63

1,2,4-Trimethylbenzene

Concen: 27.511 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW029097.D

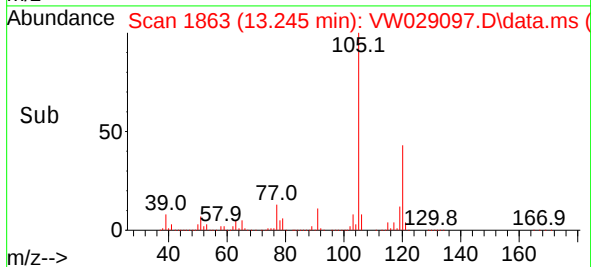
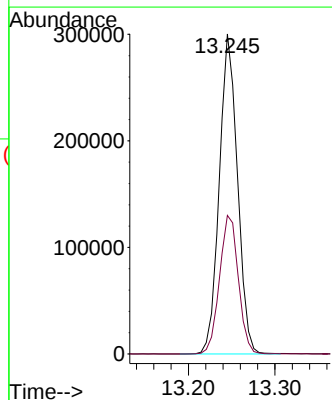
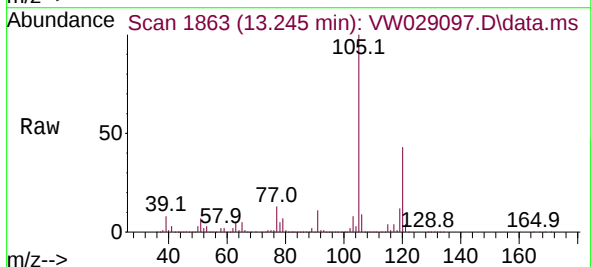
Acq: 11 Jun 2024 14:49

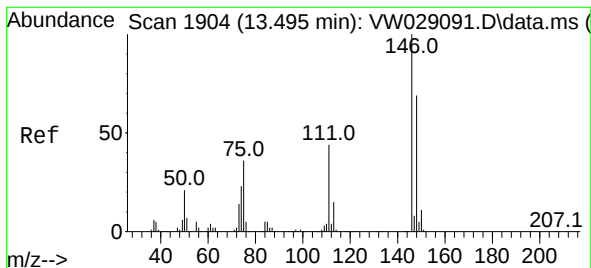
Tgt Ion:105 Resp: 437130

Ion Ratio Lower Upper

105 100

120 44.9 35.8 53.8





#64

1,3-Dichlorobenzene

Concen: 25.733 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW029097.D

Acq: 11 Jun 2024 14:49

Instrument :

MSVOA_W

ClientSampleId :

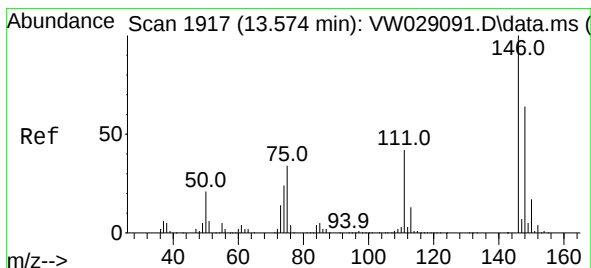
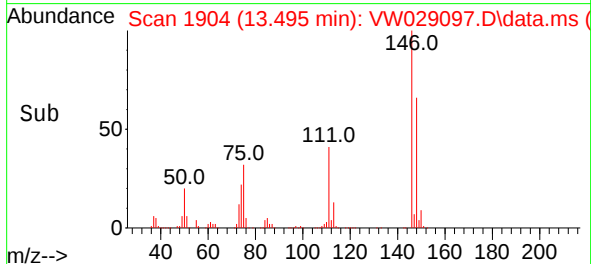
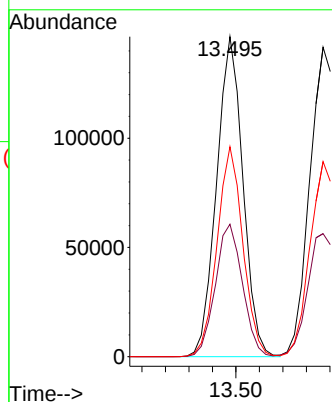
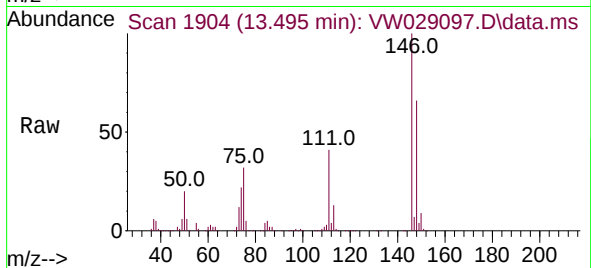
Tgt Ion:146 Resp: 228596

Ion Ratio Lower Upper

146 100

111 41.4 29.4 54.6

148 65.6 42.5 78.9



#65

1,4-Dichlorobenzene

Concen: 25.138 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW029097.D

Acq: 11 Jun 2024 14:49

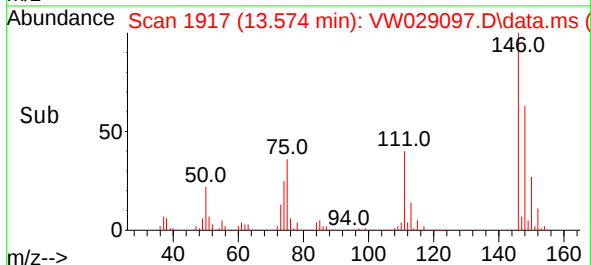
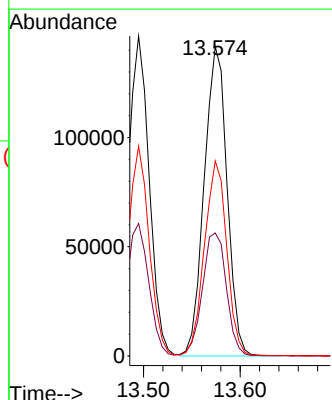
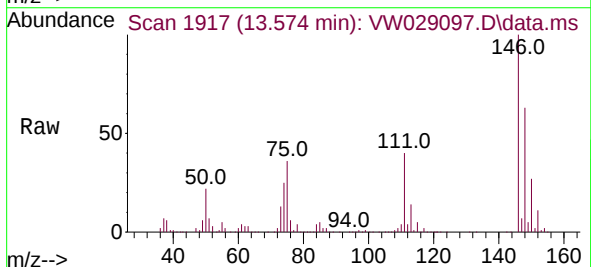
Tgt Ion:146 Resp: 233230

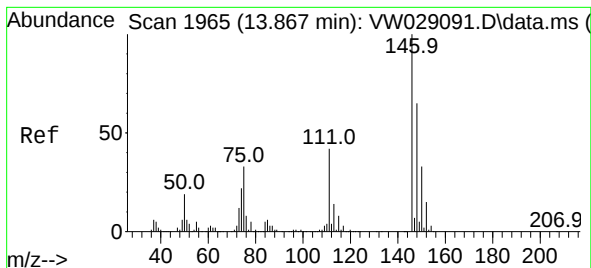
Ion Ratio Lower Upper

146 100

111 39.7 27.5 51.1

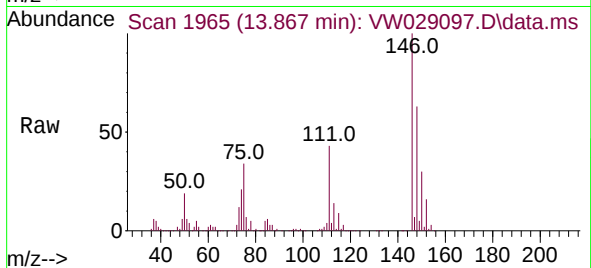
148 63.0 39.5 73.3



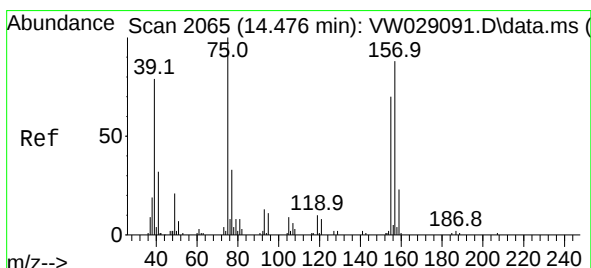
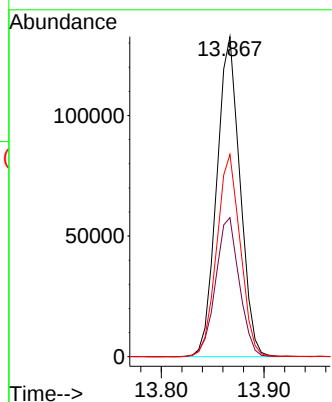
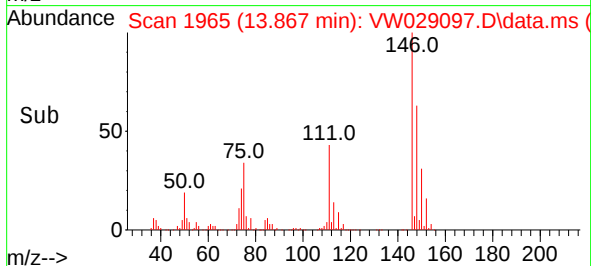


#67
1,2-Dichlorobenzene
Concen: 26.215 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW029097.D
Acq: 11 Jun 2024 14:49

Instrument :
MSVOA_W
ClientSampleId :

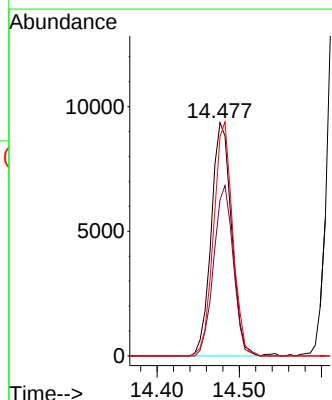
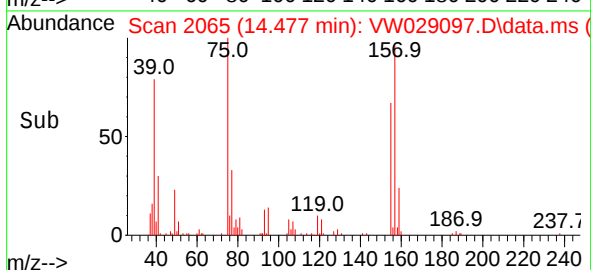
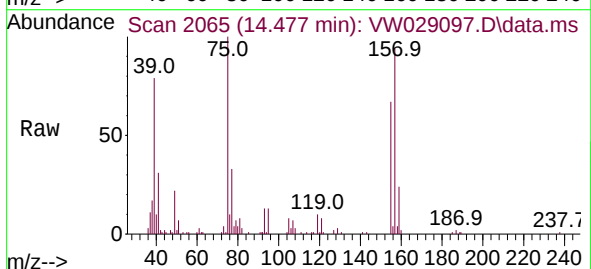


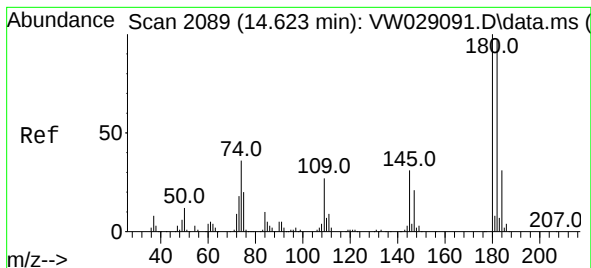
Tgt Ion:146 Resp: 208723
Ion Ratio Lower Upper
146 100
111 43.4 32.8 49.2
148 63.2 48.2 72.4



#68
1,2-Dibromo-3-chloropropane
Concen: 27.406 ug/L
RT: 14.477 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW029097.D
Acq: 11 Jun 2024 14:49

Tgt Ion: 75 Resp: 16094
Ion Ratio Lower Upper
75 100
155 67.0 52.3 78.5
157 94.1 71.0 106.4





#69

1,3,5-Trichlorobenzene

Concen: 25.619 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

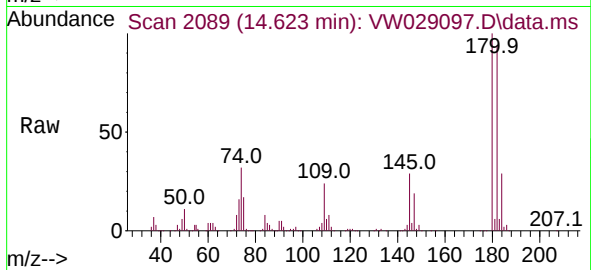
Lab File: VW029097.D

Acq: 11 Jun 2024 14:49

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 156260

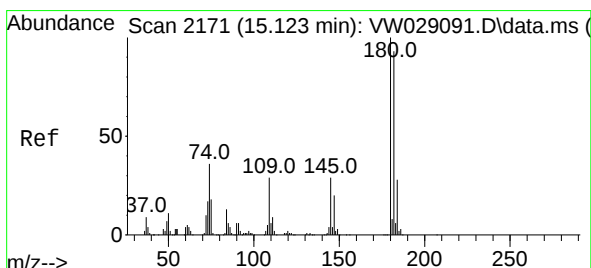
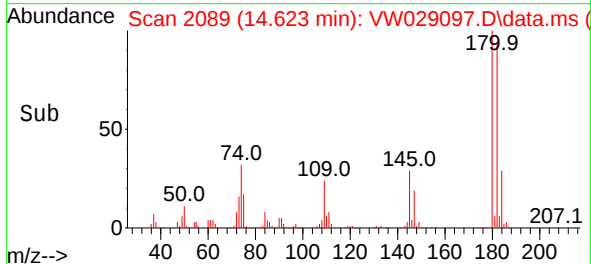
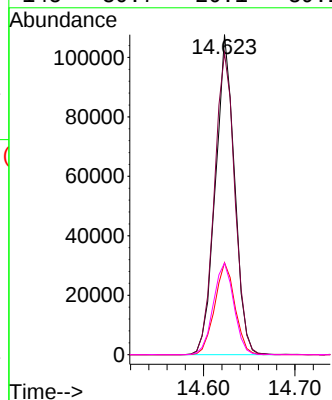
Ion Ratio Lower Upper

180 100

182 100.6 77.4 116.0

184 30.3 24.6 36.8

145 30.7 26.1 39.1



#70

1,2,4-trichlorobenzene

Concen: 25.996 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VW029097.D

Acq: 11 Jun 2024 14:49

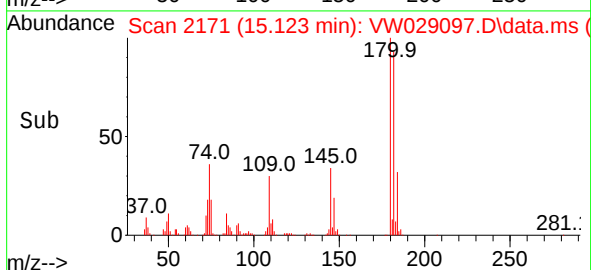
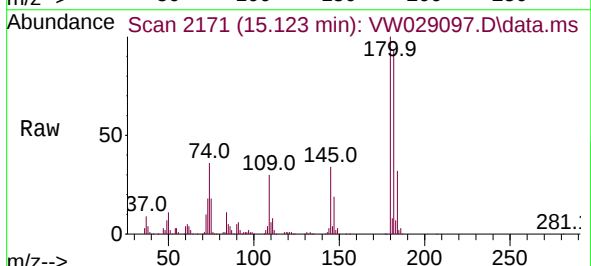
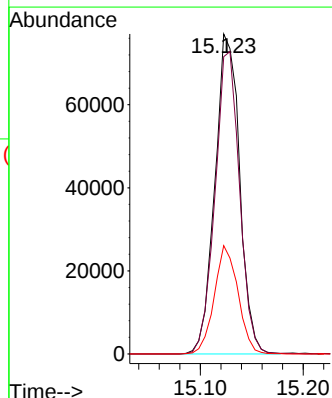
Tgt Ion:180 Resp: 128509

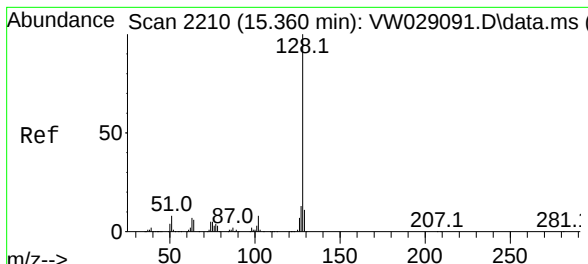
Ion Ratio Lower Upper

180 100

182 93.9 75.3 112.9

145 32.6 26.2 39.2



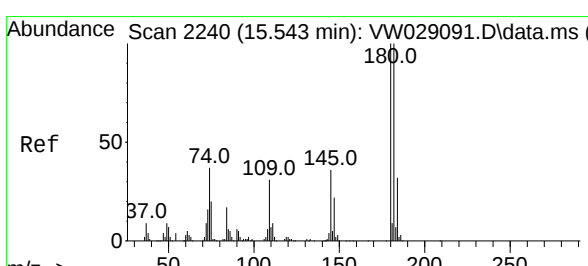
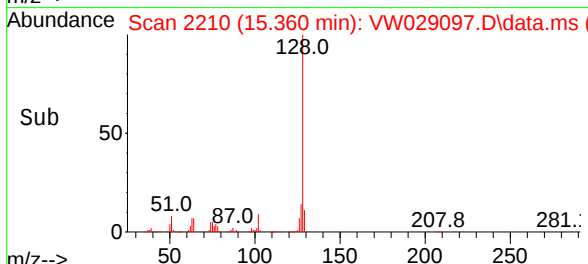
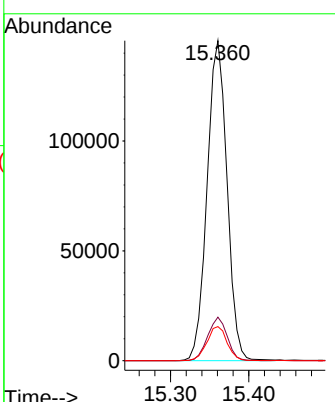
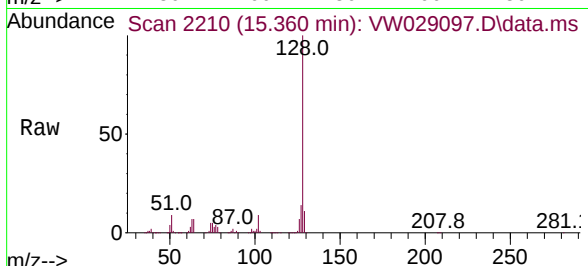


#71
Naphthalene
Concen: 30.589 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW029097.D
Acq: 11 Jun 2024 14:49

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 257640

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.2	15.2
129	10.8	8.6	12.8



#72
1,2,3-Trichlorobenzene
Concen: 27.502 ug/L
RT: 15.543 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VW029097.D
Acq: 11 Jun 2024 14:49

Tgt Ion:180 Resp: 116154

Ion	Ratio	Lower	Upper
180	100		
182	94.7	75.4	113.0
145	34.2	26.6	39.8

