

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051724\
 Data File : VW028629.D
 Acq On : 17 May 2024 10:39
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 17 23:00:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 17 01:01:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	293184	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	275657	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	134397	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.375	65	101486	18.229	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.920%
7) Chloroethane-d5	2.911	69	87656	20.562	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.240%
11) 1,1-Dichloroethene-d2	4.027	65	45193	19.429	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.720%
21) 2-Butanone-d5	7.081	46	64398	44.336	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.680%
24) Chloroform-d	7.655	84	207195	22.617	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.480%
26) 1,2-Dichloroethane-d4	8.307	65	117170	22.340	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.360%
32) Benzene-d6	8.276	84	390121	21.212	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.840%
36) 1,2-Dichloropropane-d6	9.276	67	118725	21.453	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.800%
41) Toluene-d8	10.325	98	347316	21.324	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.280%
43) trans-1,3-Dichloroprop...	10.575	79	49058	22.035	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.160%
47) 2-Hexanone-d5	10.922	63	42584	44.613	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.220%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	102487	22.085	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.320%
66) 1,2-Dichlorobenzene-d4	13.849	152	111691	21.804	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	99307	23.308	ug/L	98
3) Chloromethane	2.229	50	112722	21.356	ug/L	99
5) Vinyl chloride	2.381	62	132631	22.319	ug/L	98
6) Bromomethane	2.796	94	79776	23.207	ug/L	97
8) Chloroethane	2.942	64	81381	24.013	ug/L	97
9) Trichlorofluoromethane	3.277	101	109351	22.414	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	101589	22.585	ug/L	95
12) 1,1-Dichloroethene	4.051	96	91562	22.692	ug/L	88
13) Acetone	4.131	43	69649	52.710	ug/L	96
14) Carbon disulfide	4.399	76	292899	21.478	ug/L	99
15) Methyl Acetate	4.679	43	49539	21.549	ug/L	98
16) Methylene chloride	4.923	84	104653	23.080	ug/L	99
17) trans-1,2-Dichloroethene	5.435	96	97355	23.175	ug/L	98
18) Methyl tert-butyl Ether	5.435	73	144827	23.362	ug/L	99
19) 1,1-Dichloroethane	6.222	63	197564	23.716	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	106399	24.201	ug/L	95
22) 2-Butanone	7.173	43	77889	45.925	ug/L	97
23) Bromochloromethane	7.520	128	46363	24.176	ug/L	91
25) Chloroform	7.679	83	194970	24.198	ug/L	99

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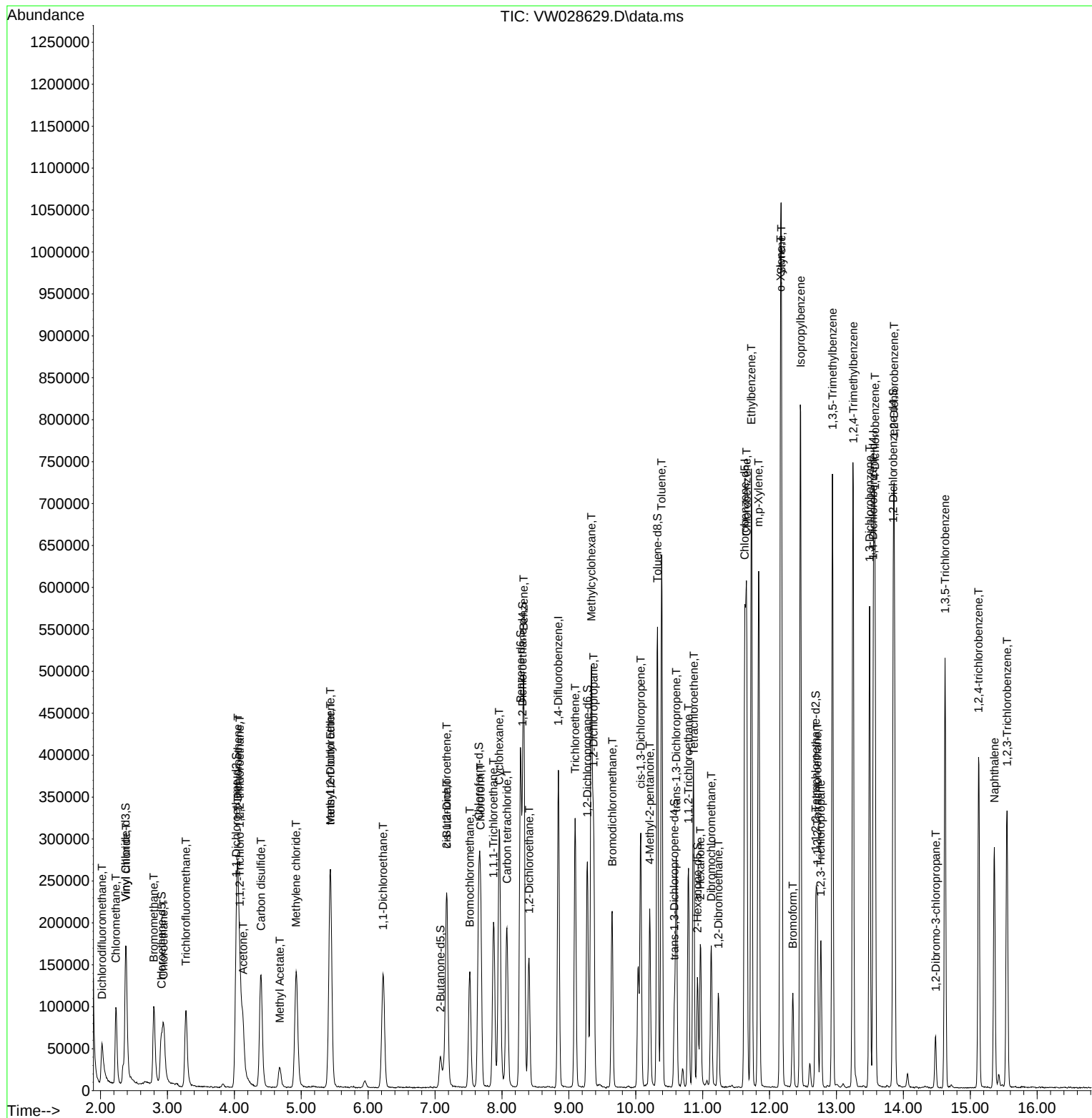
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.404	62	141899	24.227	ug/L	99
29) Cyclohexane	7.959	56	175048	22.272	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	159515	23.092	ug/L	99
31) Carbon tetrachloride	8.075	117	142411	22.612	ug/L	99
33) Benzene	8.325	78	411498	23.021	ug/L	100
34) Trichloroethene	9.093	95	109595	22.868	ug/L	98
35) Methylcyclohexane	9.337	83	189151	22.584	ug/L	99
37) 1,2-Dichloropropane	9.368	63	109397	23.487	ug/L	100
38) Bromodichloromethane	9.648	83	137925	24.292	ug/L	97
39) cis-1,3-Dichloropropene	10.075	75	167399	25.075	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	140296	44.256	ug/L	99
42) Toluene	10.386	91	441307	23.903	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	138866	24.670	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	79594	23.589	ug/L	96
46) Tetrachloroethene	10.867	164	79404	22.996	ug/L	86
48) 2-Hexanone	10.965	43	113211	50.584	ug/L	98
49) Dibromochloromethane	11.130	129	81435	24.062	ug/L	95
50) 1,2-Dibromoethane	11.233	107	73836	23.361	ug/L	97
51) Chlorobenzene	11.654	112	275913	24.160	ug/L	99
52) Ethylbenzene	11.727	91	504534	24.148	ug/L	97
53) m,p-Xylene	11.837	106	183950	24.019	ug/L	91
54) o-Xylene	12.166	106	174957	24.693	ug/L	99
55) Styrene	12.178	104	306273	25.511	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.715	83	95160	22.479	ug/L	100
59) Bromoform	12.349	173	48584	24.778	ug/L	96
60) Isopropylbenzene	12.465	105	507004	24.865	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	71207	21.923	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	367407	25.468	ug/L	99
63) 1,2,4-Trimethylbenzene	13.251	105	381244	24.527	ug/L	94
64) 1,3-Dichlorobenzene	13.495	146	204892	24.155	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	208005	23.986	ug/L	98
67) 1,2-Dichlorobenzene	13.861	146	182568	24.048	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.483	75	15053	19.822	ug/L	86
69) 1,3,5-Trichlorobenzene	14.623	180	134518	23.633	ug/L	95
70) 1,2,4-trichlorobenzene	15.123	180	115391	25.090	ug/L	97
71) Naphthalene	15.360	128	231210	23.596	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	101786	24.527	ug/L	97

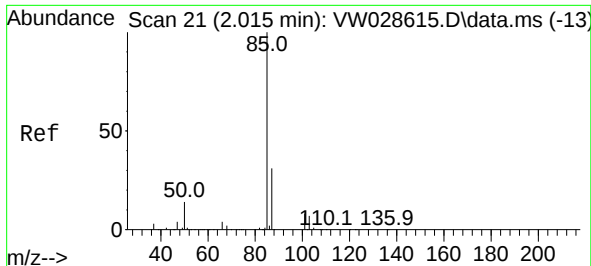
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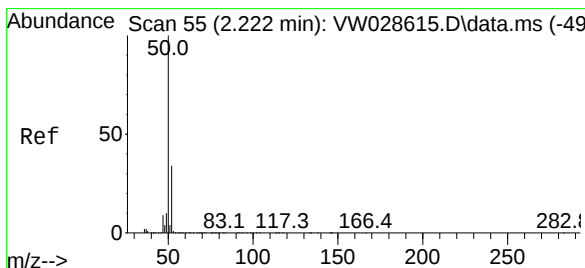
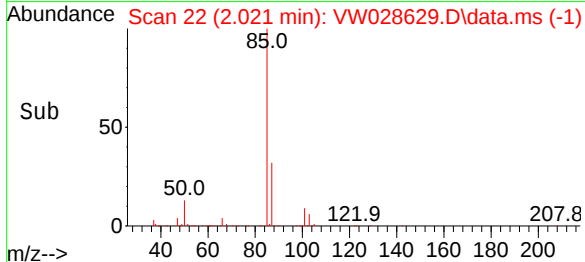
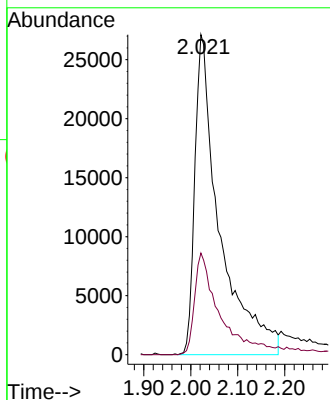
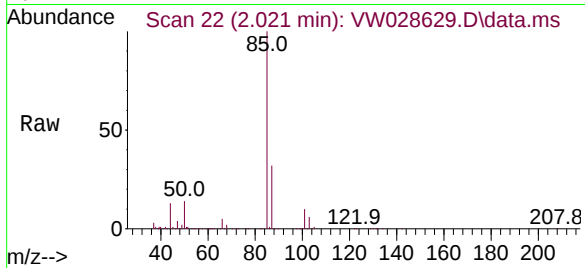




#2
 Dichlorodifluoromethane
 Concen: 23.308 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW028629.D
 Acq: 17 May 2024 10:39

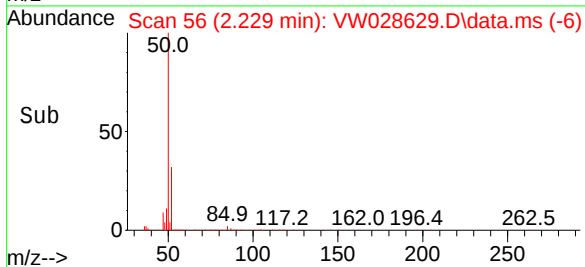
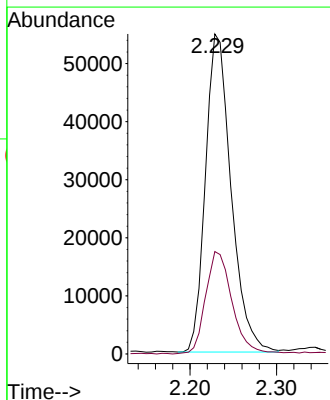
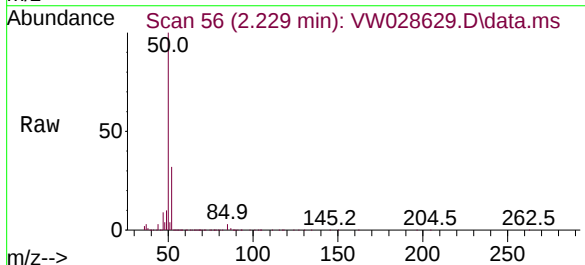
Instrument :
 MSVOA_W
 ClientSampleId :

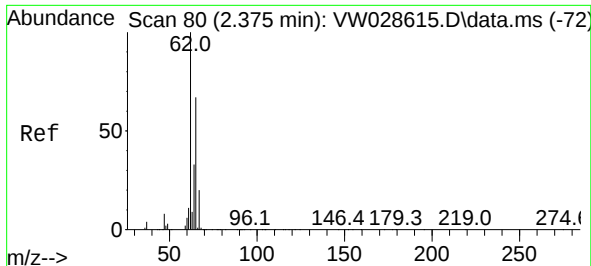
Tgt Ion: 85 Resp: 99307
 Ion Ratio Lower Upper
 85 100
 87 26.5 21.9 32.9



#3
 Chloromethane
 Concen: 21.356 ug/L
 RT: 2.229 min Scan# 56
 Delta R.T. 0.006 min
 Lab File: VW028629.D
 Acq: 17 May 2024 10:39

Tgt Ion: 50 Resp: 112722
 Ion Ratio Lower Upper
 50 100
 52 32.0 22.0 41.0

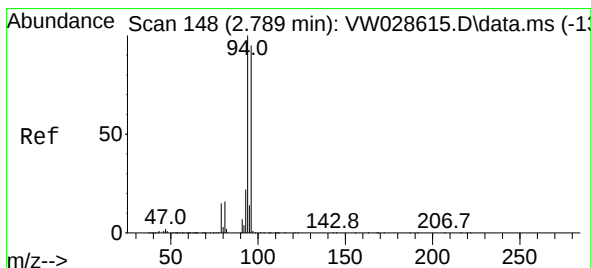
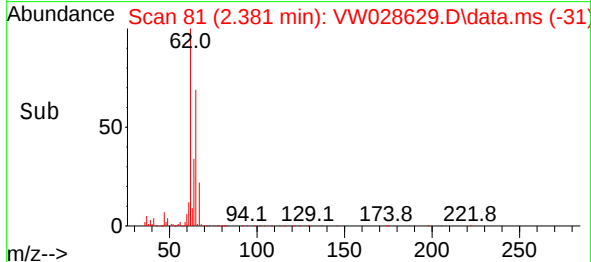
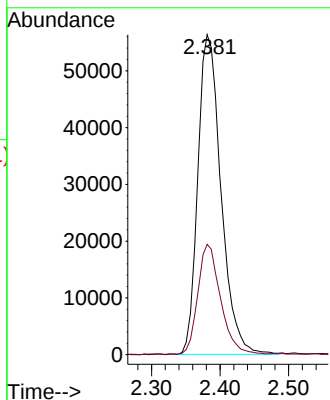
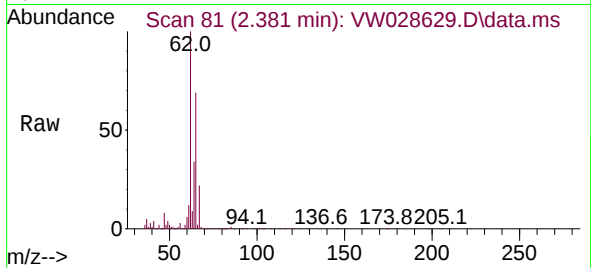




#5
 Vinyl chloride
 Concen: 22.319 ug/L
 RT: 2.381 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: VW028629.D
 Acq: 17 May 2024 10:39

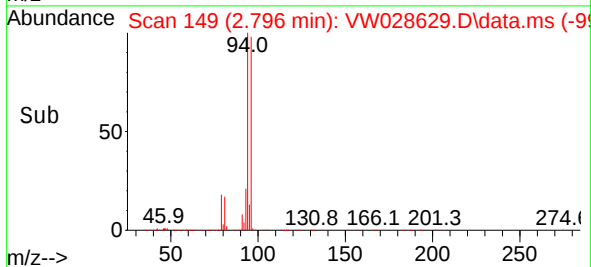
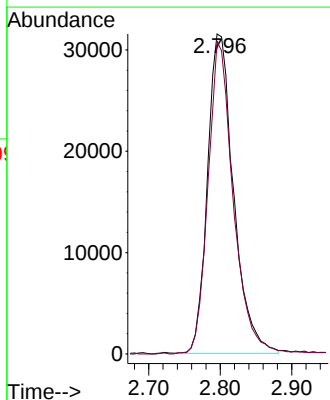
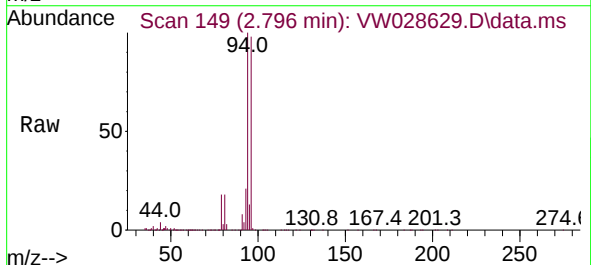
Instrument :
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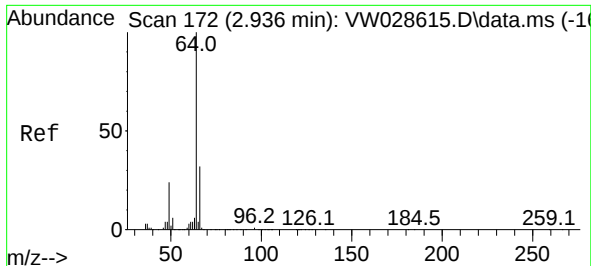
Tgt Ion: 62 Resp: 132631
 Ion Ratio Lower Upper
 62 100
 64 34.5 23.3 43.3



#6
 Bromomethane
 Concen: 23.207 ug/L
 RT: 2.796 min Scan# 149
 Delta R.T. 0.006 min
 Lab File: VW028629.D
 Acq: 17 May 2024 10:39

Tgt Ion: 94 Resp: 79776
 Ion Ratio Lower Upper
 94 100
 96 97.7 66.3 123.1

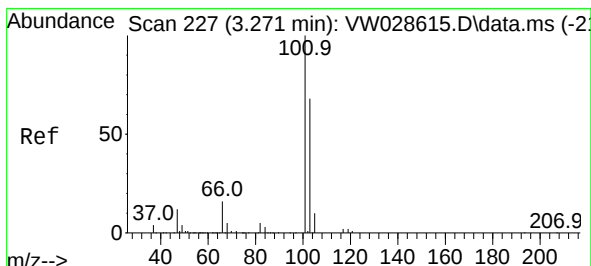
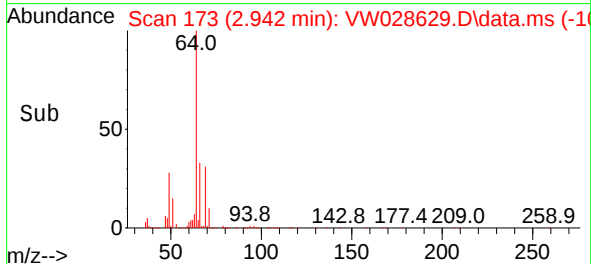
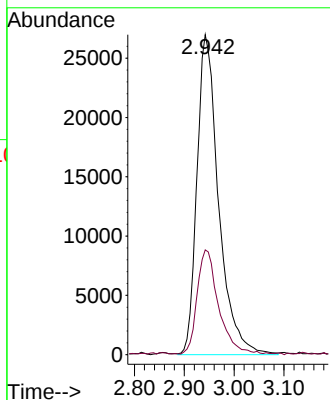
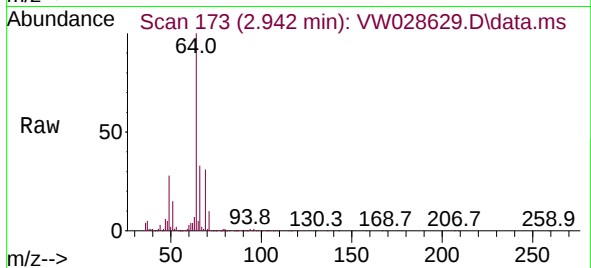




#8
Chloroethane
Concen: 24.013 ug/L
RT: 2.942 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW028629.D
Acq: 17 May 2024 10:39

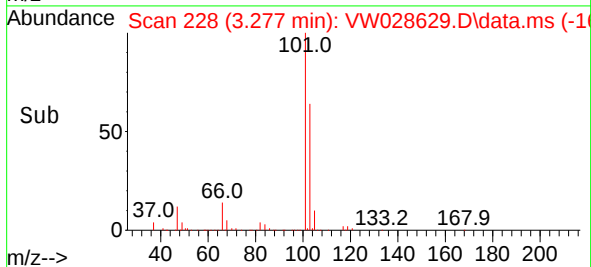
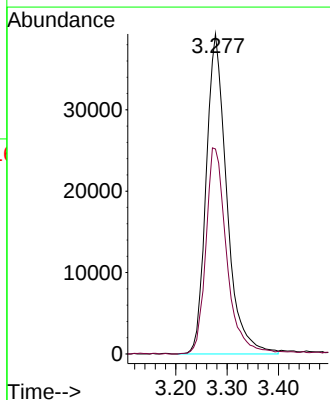
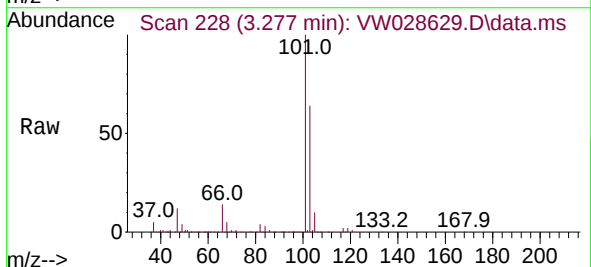
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MSVOA_W
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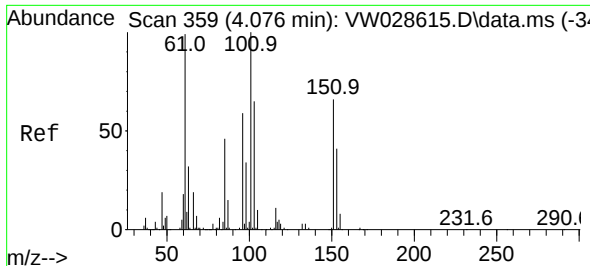
Tgt Ion: 64 Resp: 81381
Ion Ratio Lower Upper
64 100
66 32.7 21.7 40.3



#9
Trichlorofluoromethane
Concen: 22.414 ug/L
RT: 3.277 min Scan# 228
Delta R.T. 0.006 min
Lab File: VW028629.D
Acq: 17 May 2024 10:39

Tgt Ion:101 Resp: 109351
Ion Ratio Lower Upper
101 100
103 64.1 50.4 75.6





#10

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

Concen: 22.585 ug/L

RT: 4.082 min Scan# 3

Delta R.T. 0.006 min

Lab File: VW028629.D

Acq: 17 May 2024 10:39

Instrument :

MSVOA_W

ClientSampleId :

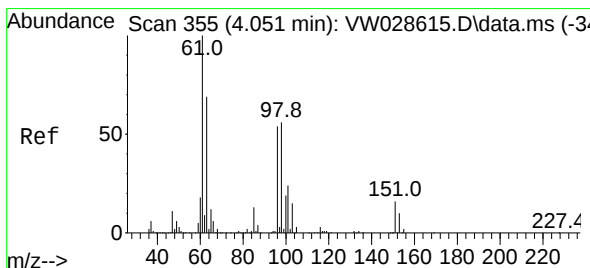
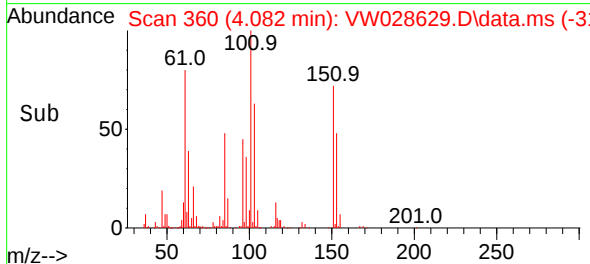
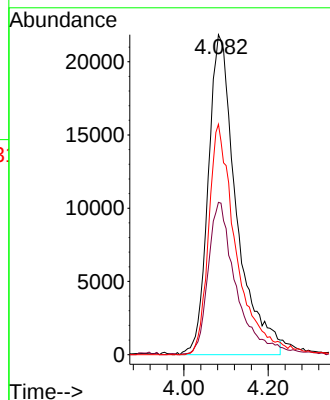
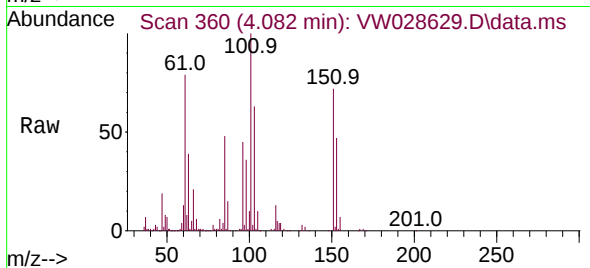
Tgt Ion:101 Resp: 101589

Ion Ratio Lower Upper

101 100

85 44.4 35.8 53.8

151 68.6 49.6 74.4



#12

1,1-Dichloroethene

Concen: 22.692 ug/L

RT: 4.051 min Scan# 355

Delta R.T. 0.000 min

Lab File: VW028629.D

Acq: 17 May 2024 10:39

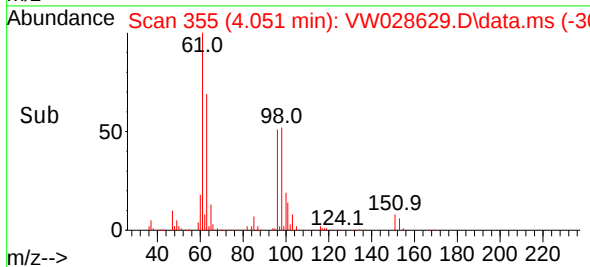
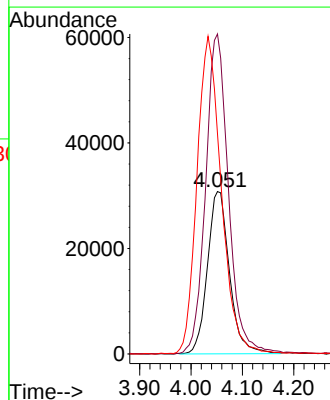
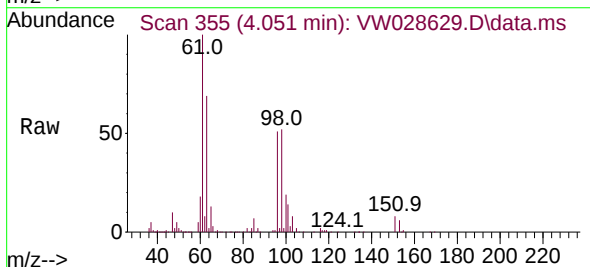
Tgt Ion: 96 Resp: 91562

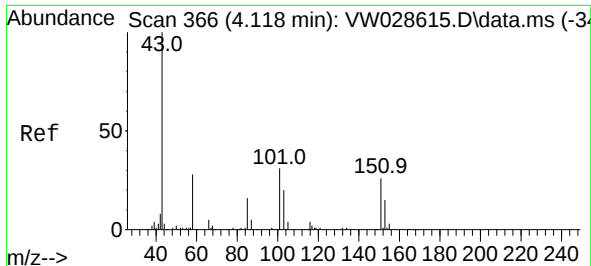
Ion Ratio Lower Upper

96 100

61 197.0 131.6 244.4

63 135.7 111.4 206.8

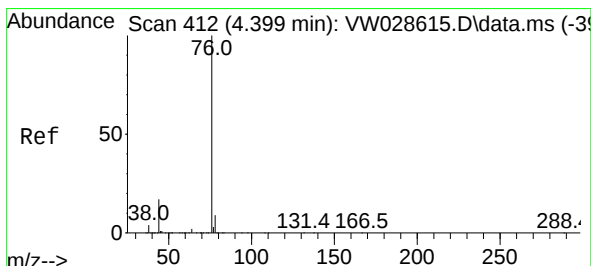
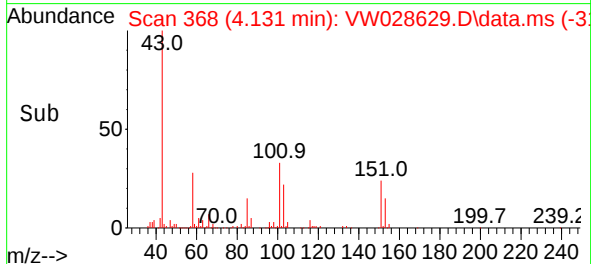
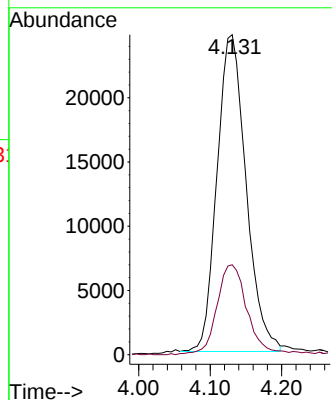
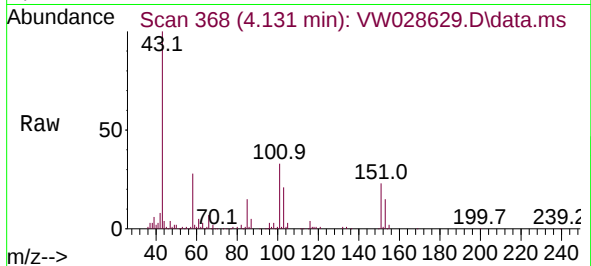




#13
Acetone
Concen: 52.710 ug/L
RT: 4.131 min Scan# 368
Delta R.T. 0.012 min
Lab File: VW028629.D
Acq: 17 May 2024 10:39

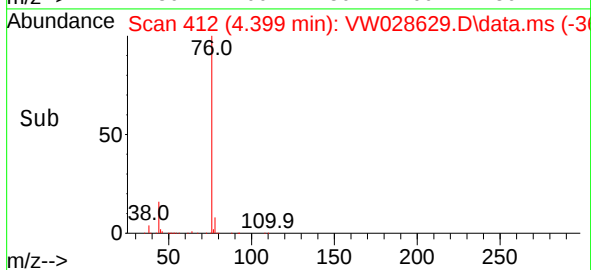
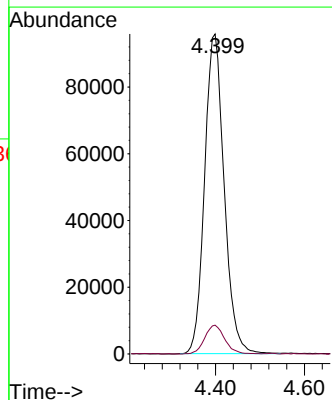
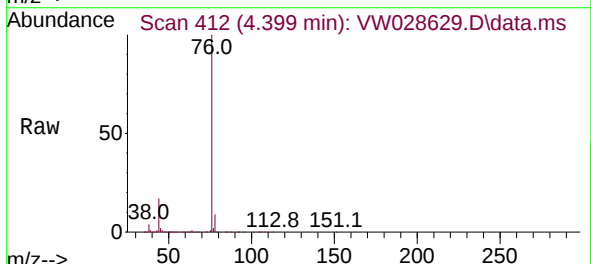
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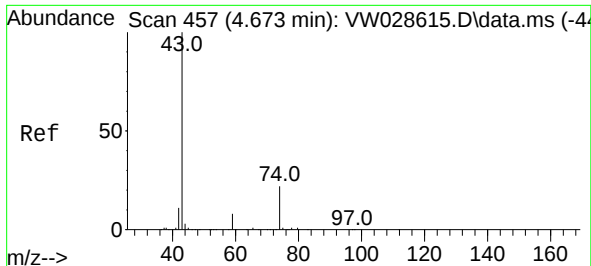
Tgt Ion: 43 Resp: 69649
Ion Ratio Lower Upper
43 100
58 29.4 0.0 54.4



#14
Carbon disulfide
Concen: 21.478 ug/L
RT: 4.399 min Scan# 412
Delta R.T. 0.000 min
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Acq: 17 May 2024 10:39

Tgt Ion: 76 Resp: 292899
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0





#15

Methyl Acetate

Concen: 21.549 ug/L

RT: 4.679 min Scan# 4

Delta R.T. 0.006 min

Lab File: VW028629.D

Acq: 17 May 2024 10:39

Instrument :

MSVOA_W

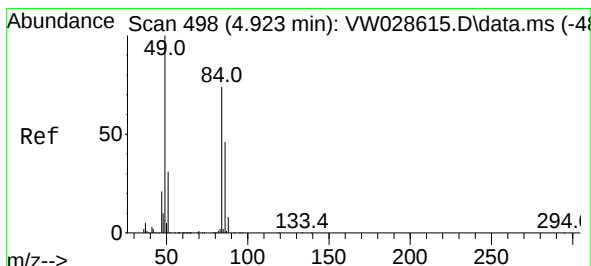
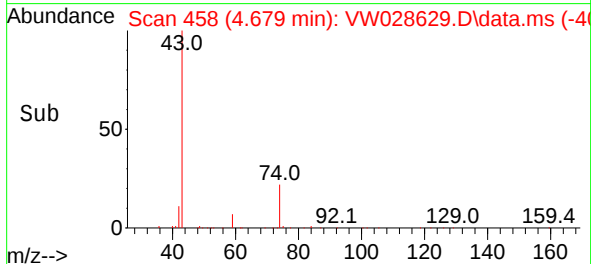
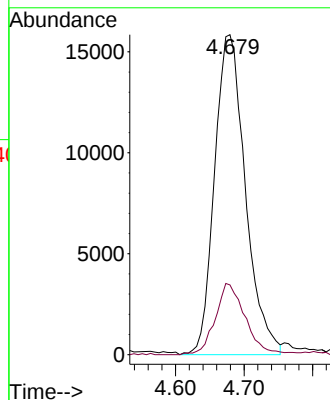
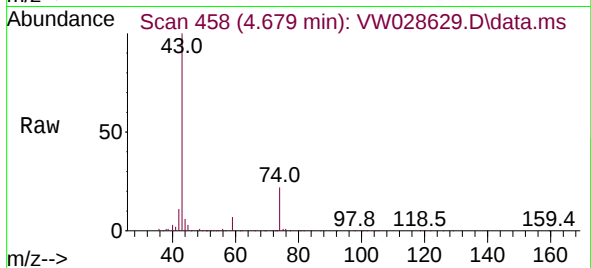
ClientSampleId :

Tgt Ion: 43 Resp: 49539

Ion Ratio Lower Upper

43 100

74 21.0 17.6 26.4



#16

Methylene chloride

Concen: 23.080 ug/L

RT: 4.923 min Scan# 498

Delta R.T. 0.000 min

Lab File: VW028629.D

Acq: 17 May 2024 10:39

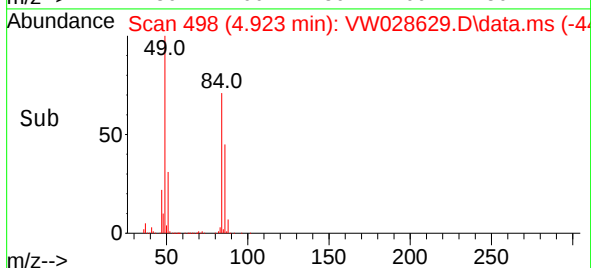
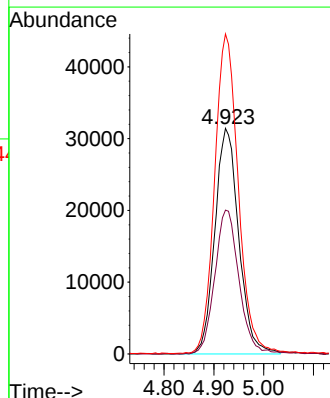
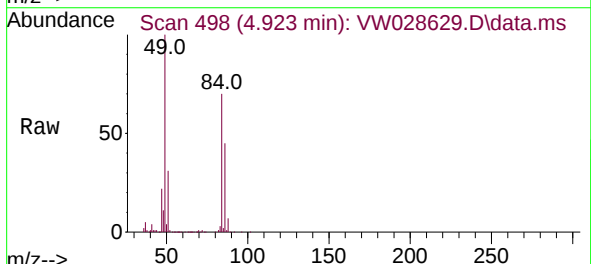
Tgt Ion: 84 Resp: 104653

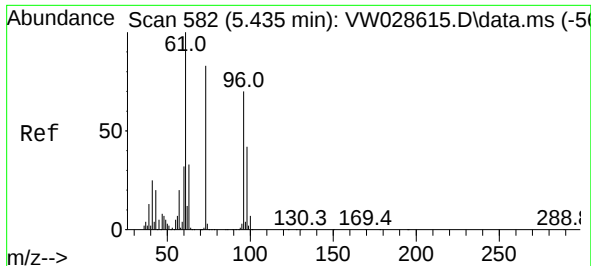
Ion Ratio Lower Upper

84 100

86 63.7 44.4 82.4

49 141.9 100.2 186.2





#17

trans-1,2-Dichloroethene

Concen: 23.175 ug/L

RT: 5.435 min Scan# 582

Delta R.T. 0.000 min

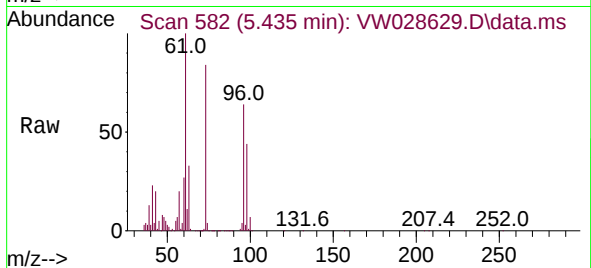
Lab File: VW028629.D

Acq: 17 May 2024 10:39

Instrument :

MSVOA_W

ClientSampleId :



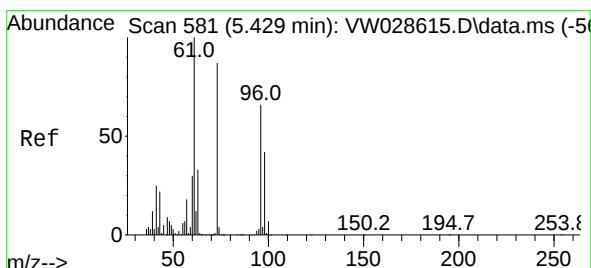
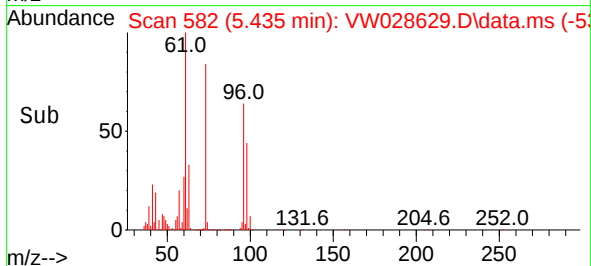
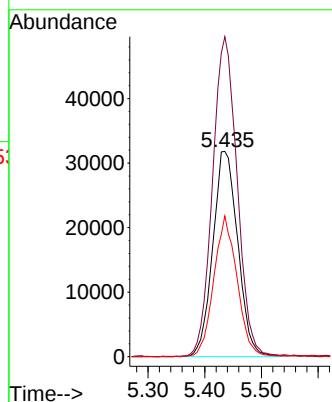
Tgt Ion: 96 Resp: 97355

Ion Ratio Lower Upper

96 100

61 155.9 109.0 202.4

98 68.6 44.2 82.0



#18

Methyl tert-butyl Ether

Concen: 23.362 ug/L

RT: 5.435 min Scan# 582

Delta R.T. 0.006 min

Lab File: VW028629.D

Acq: 17 May 2024 10:39

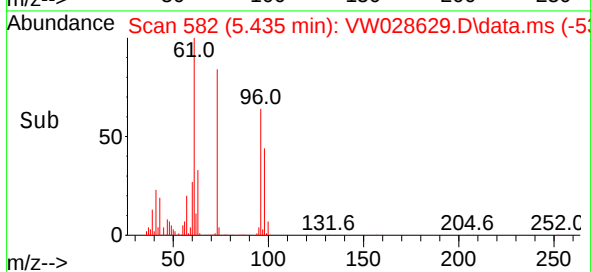
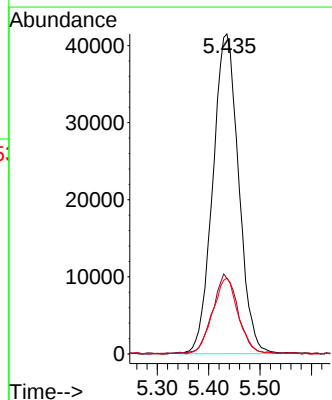
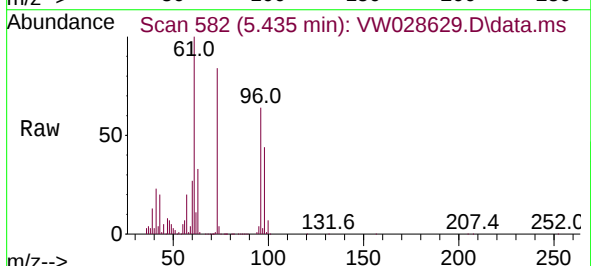
Tgt Ion: 73 Resp: 144827

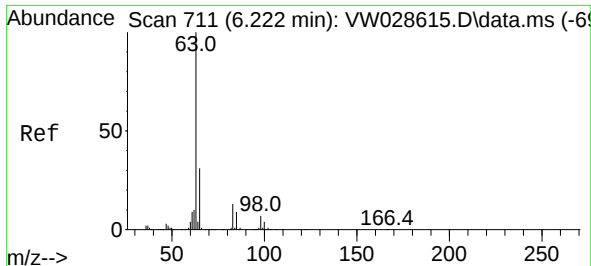
Ion Ratio Lower Upper

73 100

43 24.1 19.2 28.8

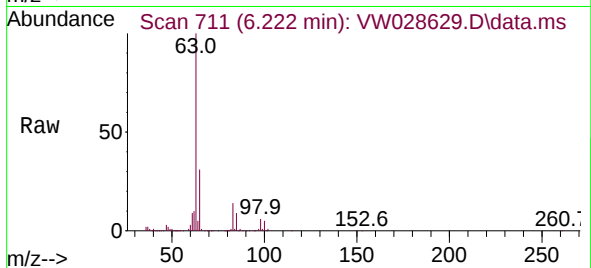
57 23.5 18.5 27.7



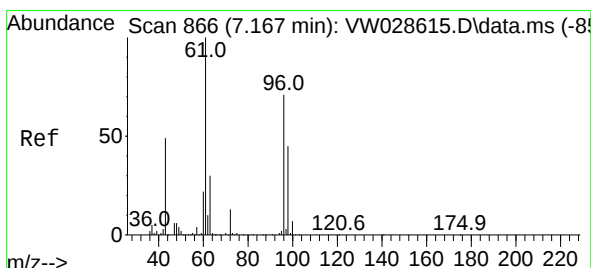
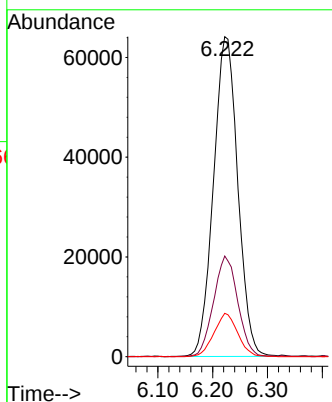
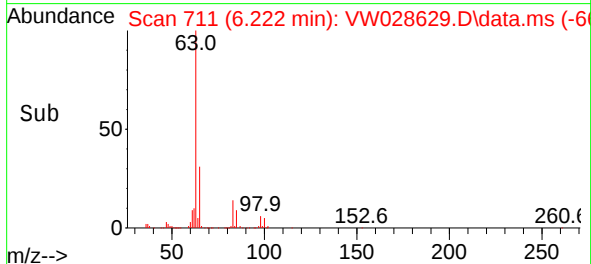


#19
1,1-Dichloroethane
Concen: 23.716 ug/L
RT: 6.222 min Scan# 711
Delta R.T. 0.000 min
Lab File: VW028629.D
Acq: 17 May 2024 10:39

Instrument :
MSVOA_W
ClientSampleId :

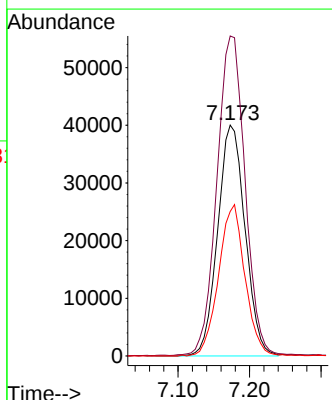
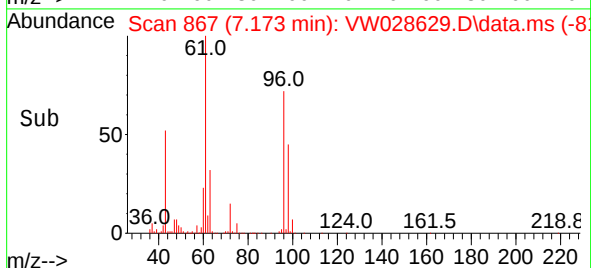
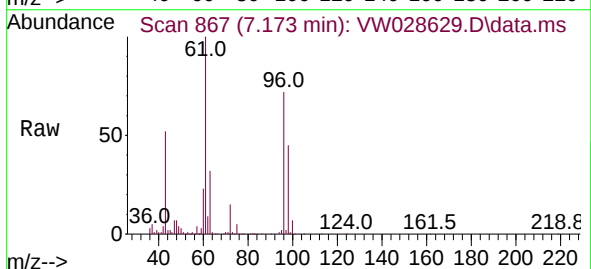


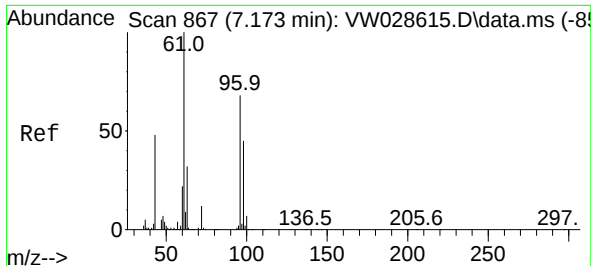
Tgt Ion: 63 Resp: 197564
Ion Ratio Lower Upper
63 100
65 31.4 22.9 42.5
83 13.5 9.0 16.8



#20
cis-1,2-Dichloroethene
Concen: 24.201 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW028629.D
Acq: 17 May 2024 10:39

Tgt Ion: 96 Resp: 106399
Ion Ratio Lower Upper
96 100
61 138.6 102.8 191.0
98 62.6 44.3 82.3

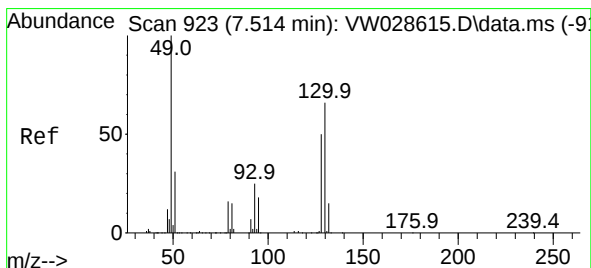
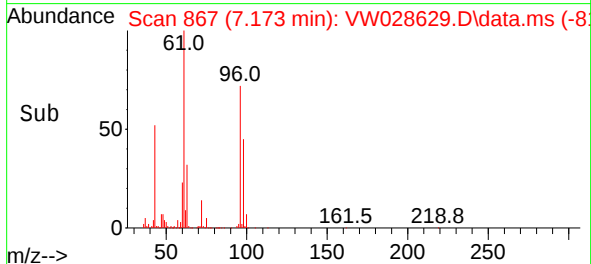
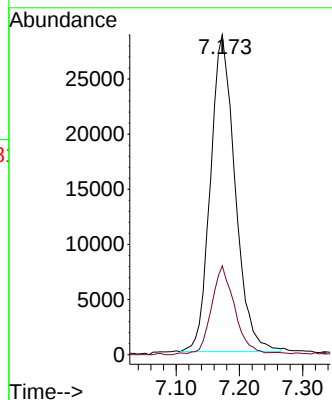
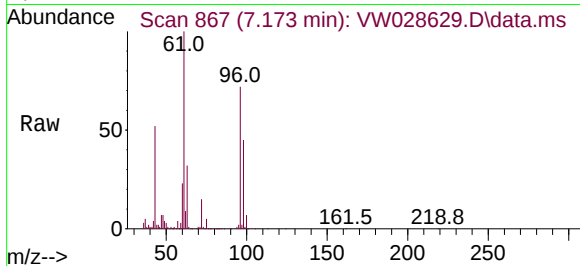




#22
2-Butanone
Concen: 45.925 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW028629.D
Acq: 17 May 2024 10:39

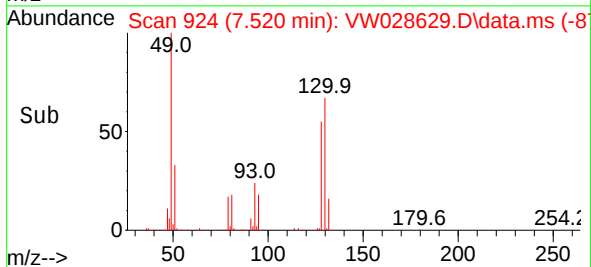
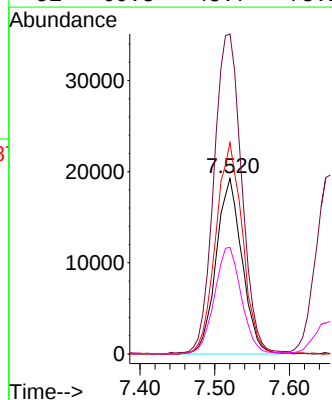
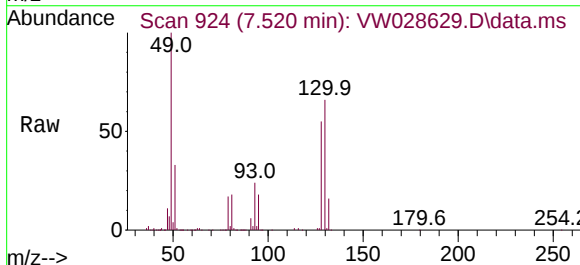
Instrument :
MSVOA_W
ClientSampleId :

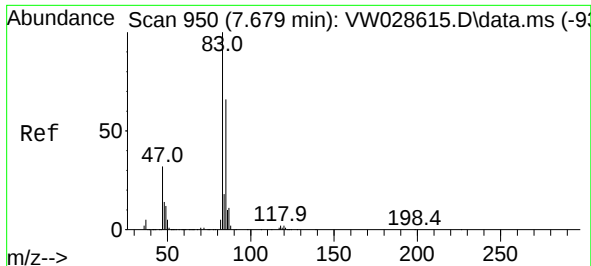
Tgt Ion: 43 Resp: 77889
Ion Ratio Lower Upper
43 100
72 26.1 12.2 36.6



#23
Bromochloromethane
Concen: 24.176 ug/L
RT: 7.520 min Scan# 924
Delta R.T. 0.006 min
Lab File: VW028629.D
Acq: 17 May 2024 10:39

Tgt Ion: 128 Resp: 46363
Ion Ratio Lower Upper
128 100
49 182.3 139.6 259.2
130 120.4 91.2 169.4
51 60.8 48.7 73.1





#25

Chloroform

Concen: 24.198 ug/L

RT: 7.679 min Scan# 950

Delta R.T. 0.000 min

Lab File: VW028629.D

Acq: 17 May 2024 10:39

Instrument :

MSVOA_W

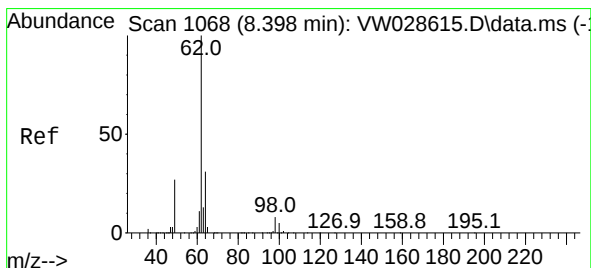
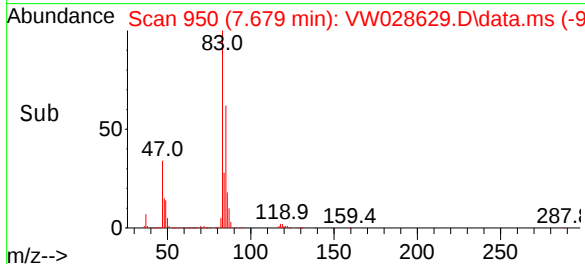
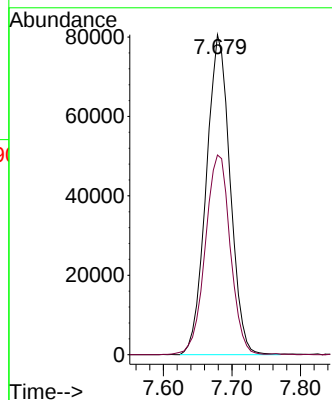
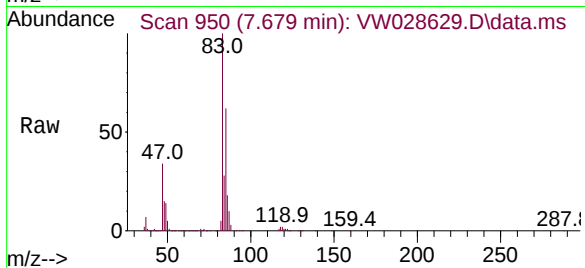
ClientSampleId :

Tgt Ion: 83 Resp: 194970

Ion Ratio Lower Upper

83 100

85 62.4 43.4 80.6



#27

1,2-Dichloroethane

Concen: 24.227 ug/L

RT: 8.404 min Scan# 1069

Delta R.T. 0.006 min

Lab File: VW028629.D

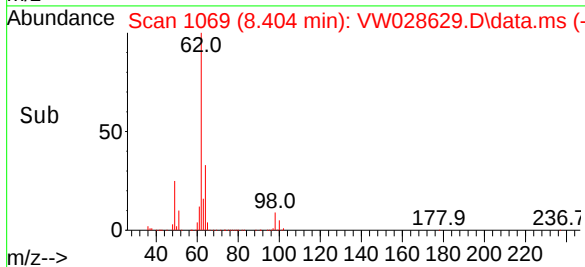
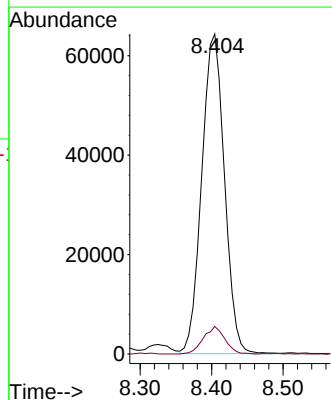
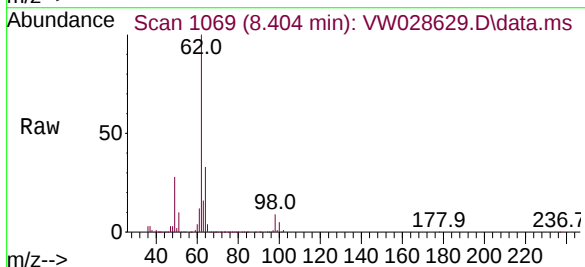
Acq: 17 May 2024 10:39

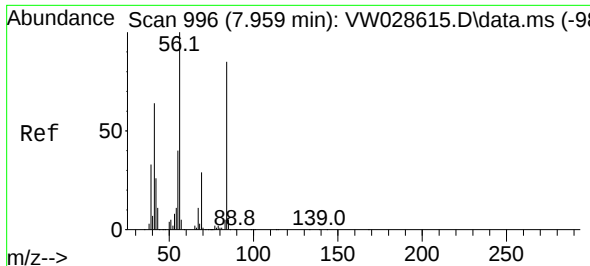
Tgt Ion: 62 Resp: 141899

Ion Ratio Lower Upper

62 100

98 8.6 7.0 10.6





#29

Cyclohexane

Concen: 22.272 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW028629.D

Acq: 17 May 2024 10:39

Instrument :

MSVOA_W

ClientSampleId :

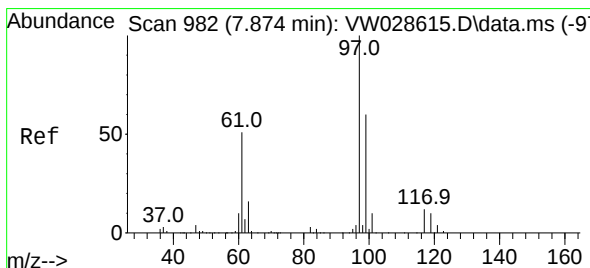
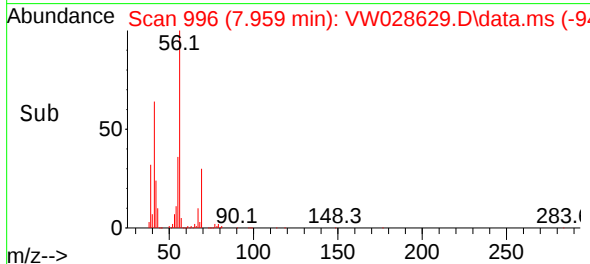
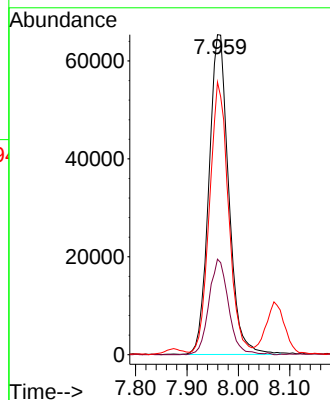
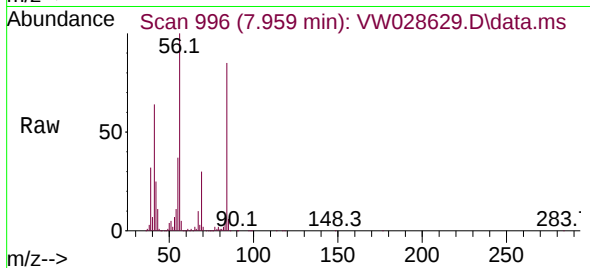
Tgt Ion: 56 Resp: 175048

Ion Ratio Lower Upper

56 100

69 29.4 23.4 35.0

84 81.9 65.8 98.8



#30

1,1,1-Trichloroethane

Concen: 23.092 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW028629.D

Acq: 17 May 2024 10:39

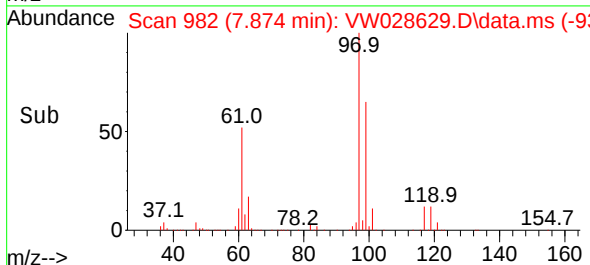
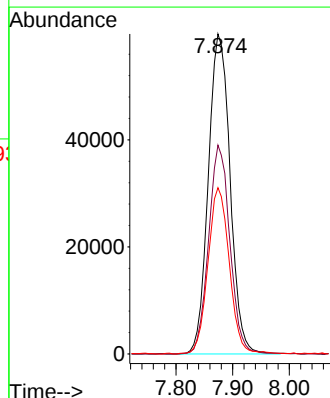
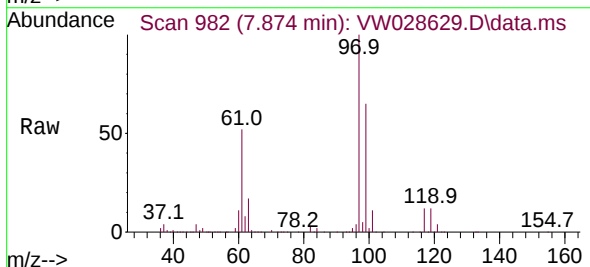
Tgt Ion: 97 Resp: 159515

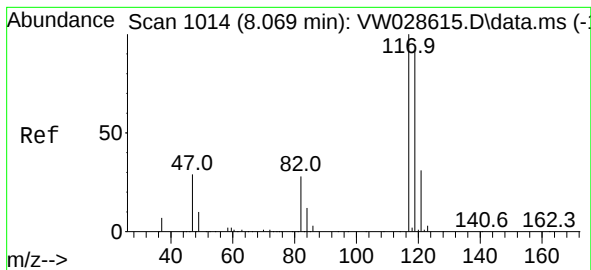
Ion Ratio Lower Upper

97 100

99 63.7 50.9 76.3

61 49.9 41.0 61.6





#31

Carbon tetrachloride

Concen: 22.612 ug/L

RT: 8.075 min Scan# 1015

Delta R.T. 0.006 min

Lab File: VW028629.D

Acq: 17 May 2024 10:39

Instrument :

MSVOA_W

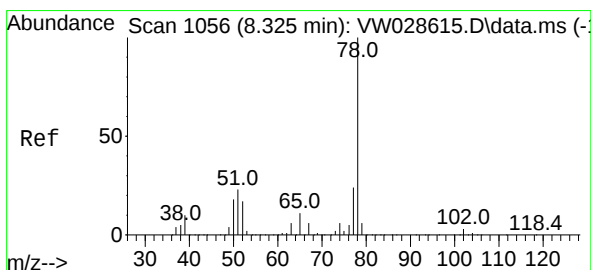
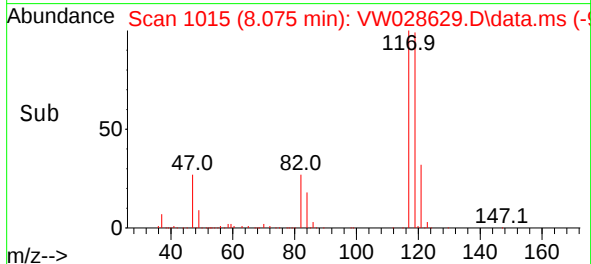
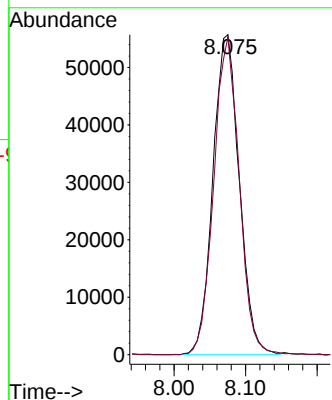
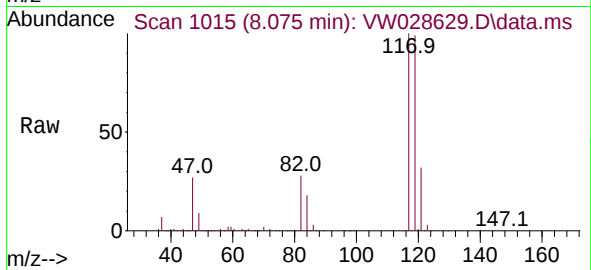
ClientSampleId :

Tgt Ion:117 Resp: 142411

Ion Ratio Lower Upper

117 100

119 96.0 77.2 115.8



#33

Benzene

Concen: 23.021 ug/L

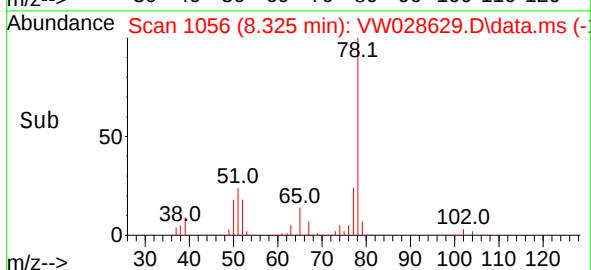
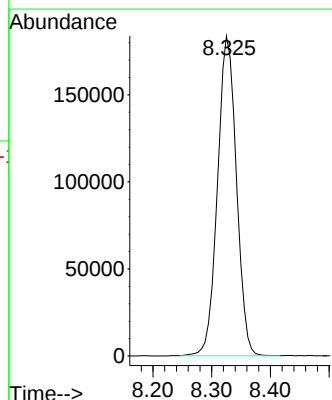
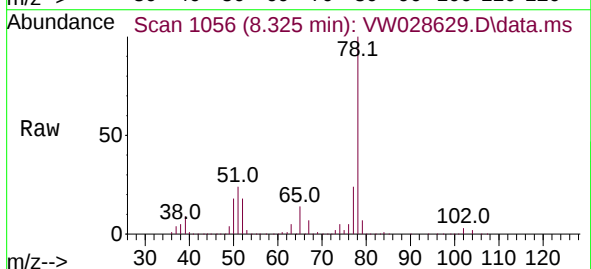
RT: 8.325 min Scan# 1056

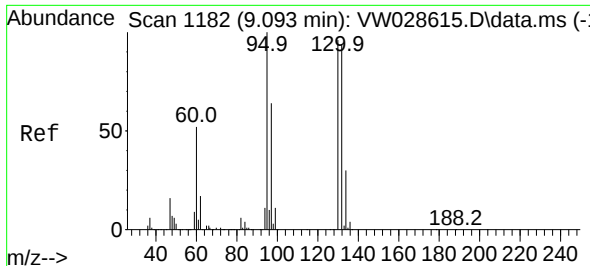
Delta R.T. 0.000 min

Lab File: VW028629.D

Acq: 17 May 2024 10:39

Tgt Ion: 78 Resp: 411498

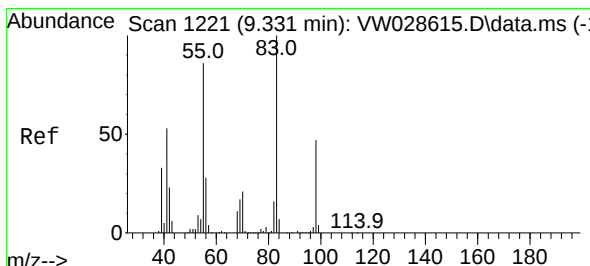
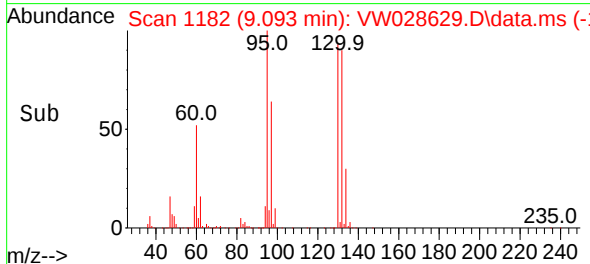
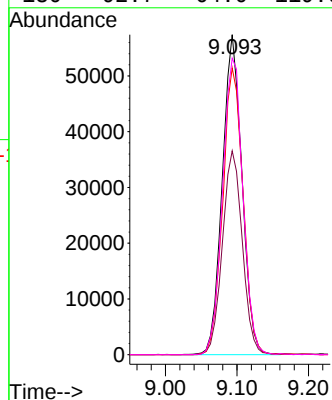
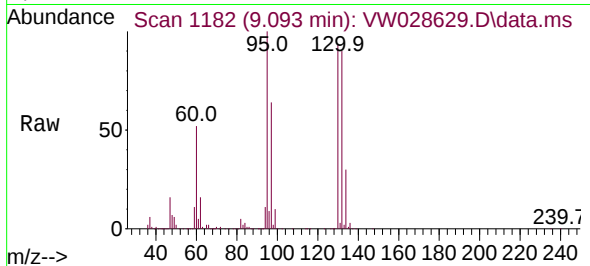




#34
Trichloroethene
Concen: 22.868 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. 0.000 min
Lab File: VW028629.D
Acq: 17 May 2024 10:39

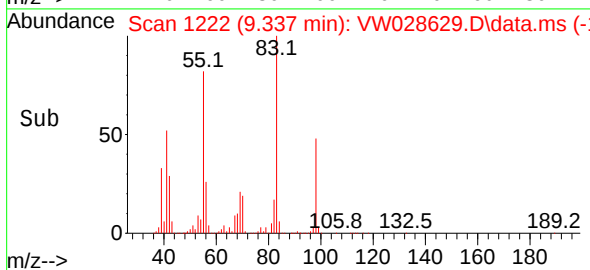
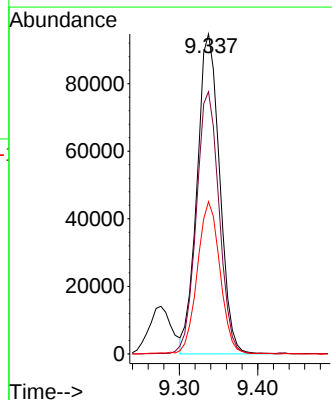
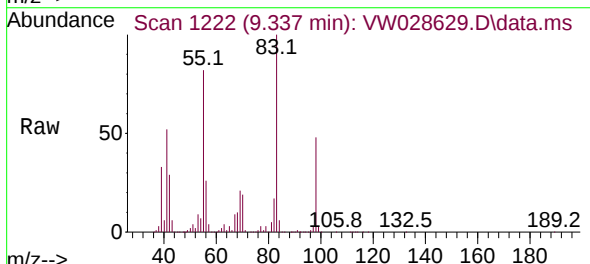
Instrument :
MSVOA_W
ClientSampleId :

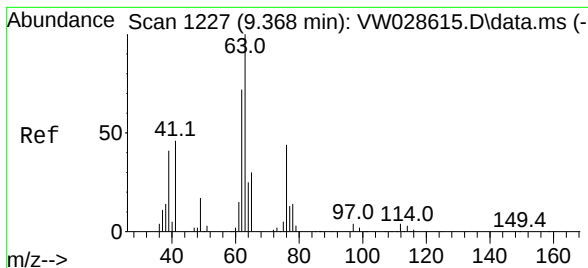
Tgt Ion: 95 Resp: 109595
Ion Ratio Lower Upper
95 100
97 63.7 44.9 83.3
132 89.6 59.7 110.9
130 92.7 64.0 119.0



#35
Methylcyclohexane
Concen: 22.584 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. 0.006 min
Lab File: VW028629.D
Acq: 17 May 2024 10:39

Tgt Ion: 83 Resp: 189151
Ion Ratio Lower Upper
83 100
55 82.7 66.9 100.3
98 47.6 37.9 56.9





#37

1,2-Dichloropropane

Concen: 23.487 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW028629.D

Acq: 17 May 2024 10:39

Instrument :

MSVOA_W

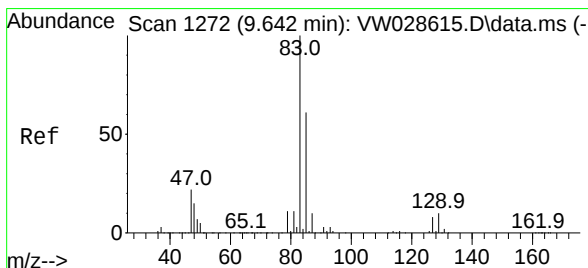
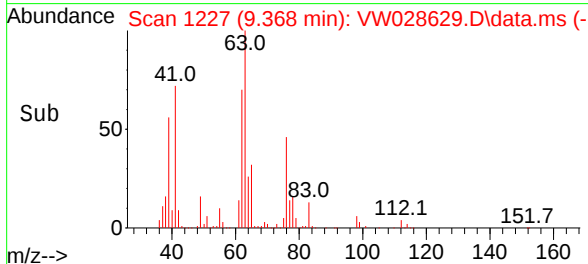
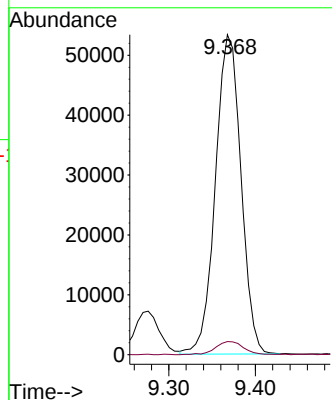
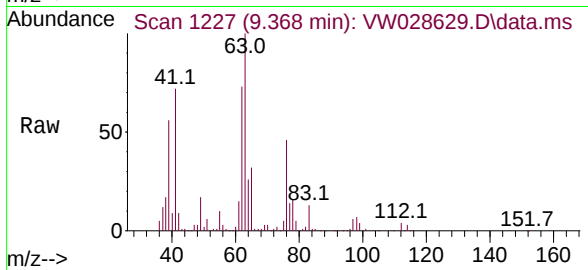
ClientSampleId :

Tgt Ion: 63 Resp: 109397

Ion Ratio Lower Upper

63 100

112 4.5 3.5 5.3



#38

Bromodichloromethane

Concen: 24.292 ug/L

RT: 9.648 min Scan# 1273

Delta R.T. 0.006 min

Lab File: VW028629.D

Acq: 17 May 2024 10:39

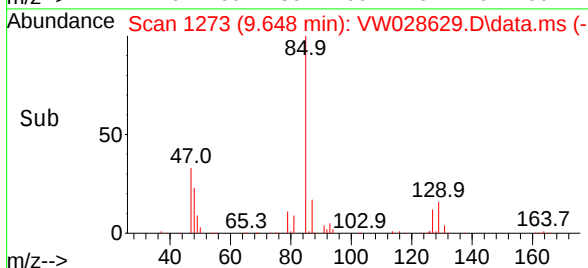
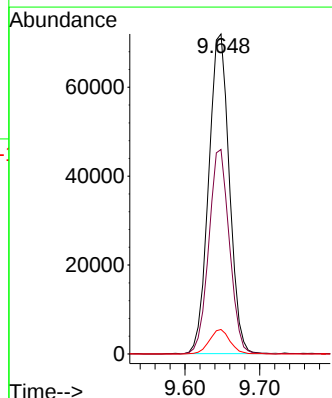
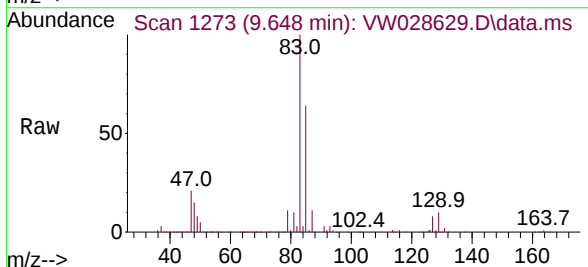
Tgt Ion: 83 Resp: 137925

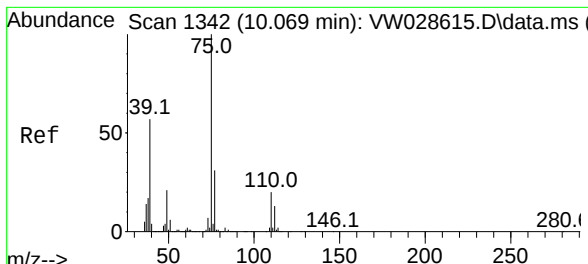
Ion Ratio Lower Upper

83 100

85 63.9 43.0 80.0

127 7.6 5.9 8.9



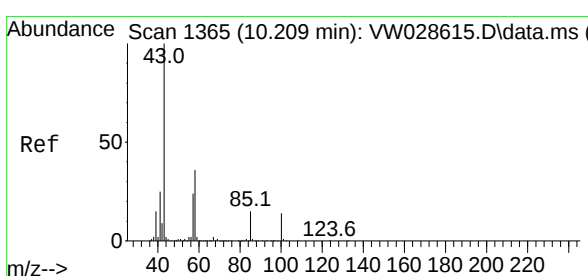
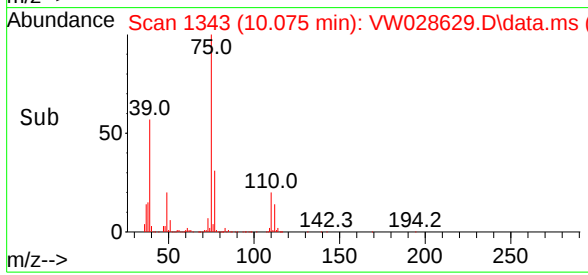
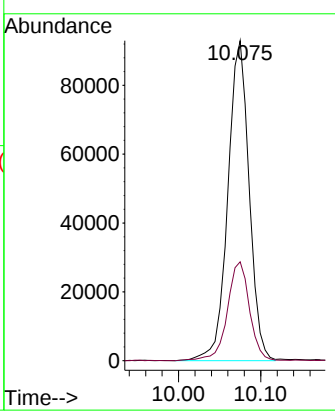
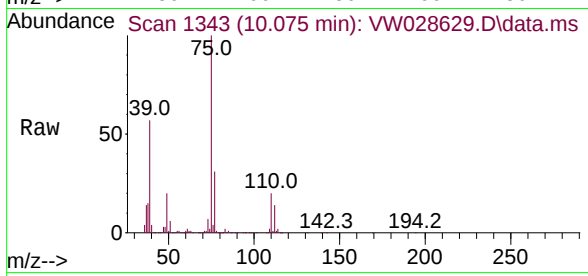


#39
 cis-1,3-Dichloropropene
 Concen: 25.075 ug/L
 RT: 10.075 min Scan# 1343
 Delta R.T. 0.006 min
 Lab File: VW028629.D
 Acq: 17 May 2024 10:39

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion: 75 Resp: 167399

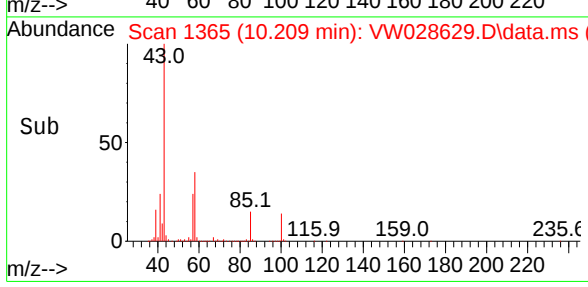
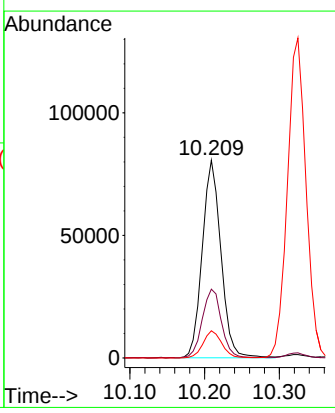
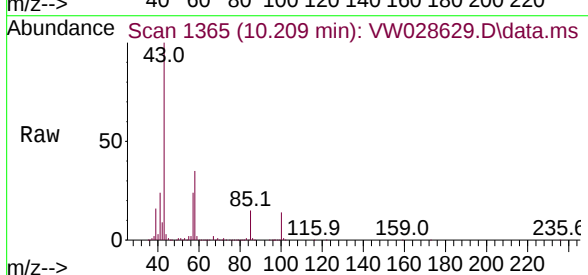
Ion	Ratio	Lower	Upper
75	100		
77	30.9	21.8	40.6

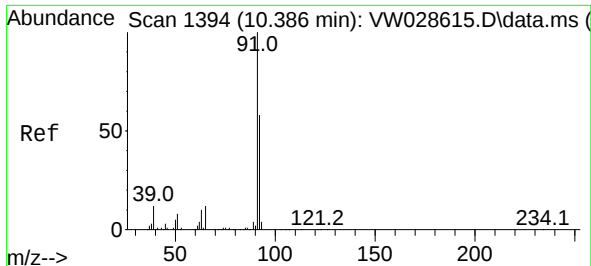


#40
 4-Methyl-2-pentanone
 Concen: 44.256 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. 0.000 min
 Lab File: VW028629.D
 Acq: 17 May 2024 10:39

Tgt Ion: 43 Resp: 140296

Ion	Ratio	Lower	Upper
43	100		
58	35.8	29.2	43.8
100	13.9	11.0	16.4





#42

Toluene

Concen: 23.903 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW028629.D

Acq: 17 May 2024 10:39

Instrument :

MSVOA_W

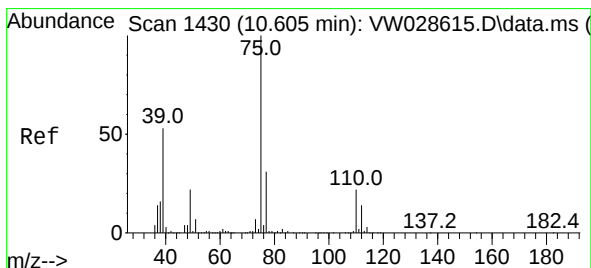
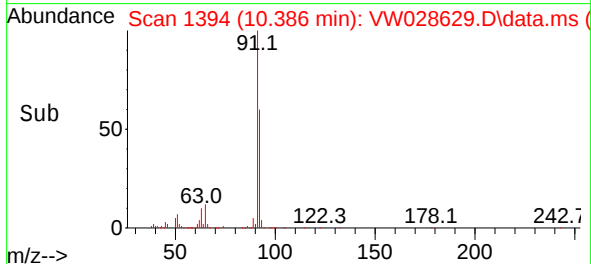
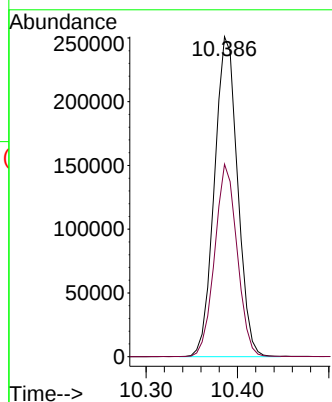
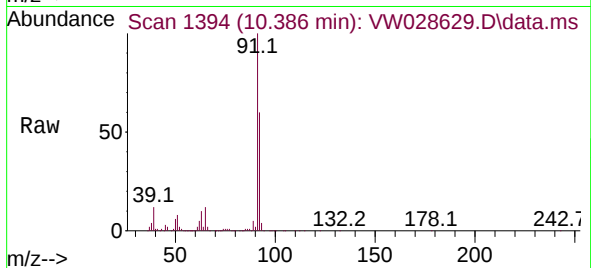
ClientSampleId :

Tgt Ion: 91 Resp: 441307

Ion Ratio Lower Upper

91 100

92 60.2 42.5 78.9



#44

trans-1,3-Dichloropropene

Concen: 24.670 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW028629.D

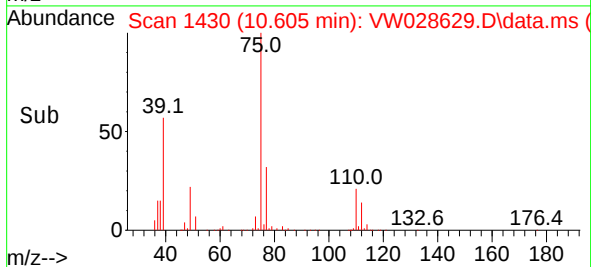
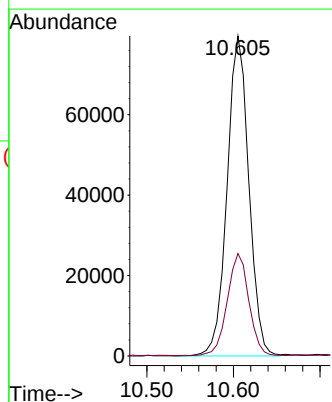
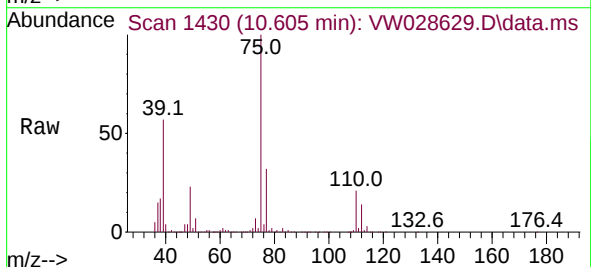
Acq: 17 May 2024 10:39

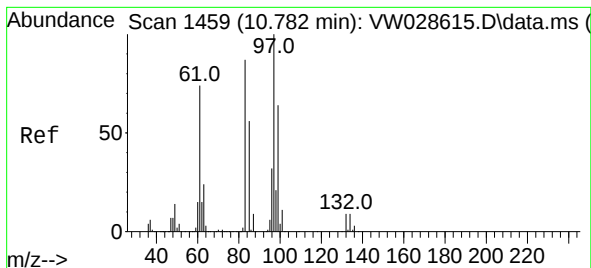
Tgt Ion: 75 Resp: 138866

Ion Ratio Lower Upper

75 100

77 32.0 22.5 41.9





#45

1,1,2-Trichloroethane

Concen: 23.589 ug/L

RT: 10.788 min Scan# 1459

Delta R.T. 0.006 min

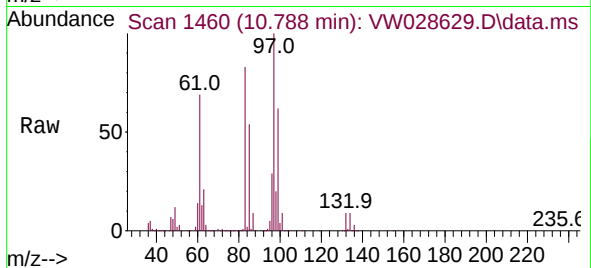
Lab File: VW028629.D

Acq: 17 May 2024 10:39

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 79594

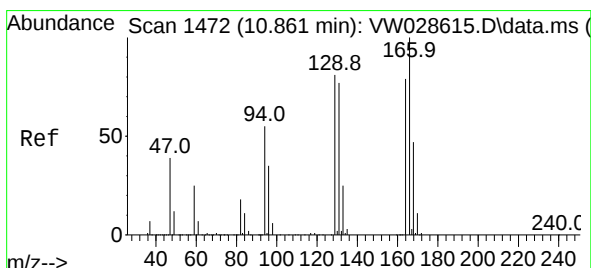
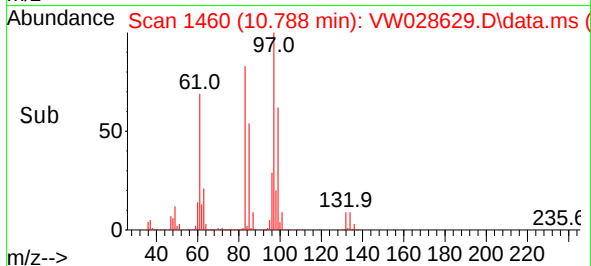
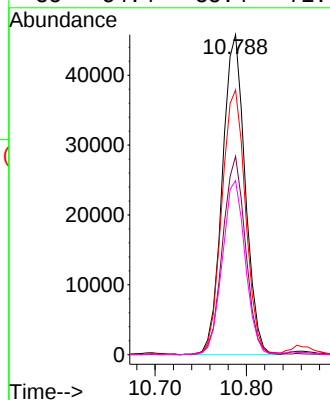
Ion Ratio Lower Upper

97 100

99 62.0 41.9 77.9

83 82.8 62.1 115.3

85 54.4 38.4 71.4



#46

Tetrachloroethene

Concen: 22.996 ug/L

RT: 10.867 min Scan# 1473

Delta R.T. 0.006 min

Lab File: VW028629.D

Acq: 17 May 2024 10:39

Tgt Ion:164 Resp: 79404

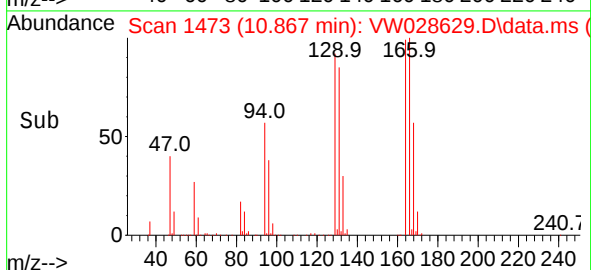
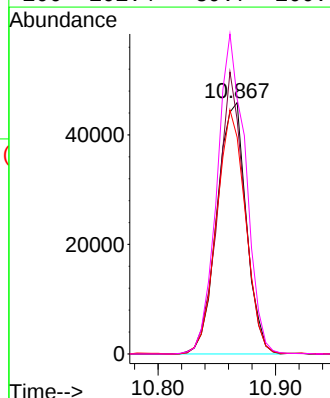
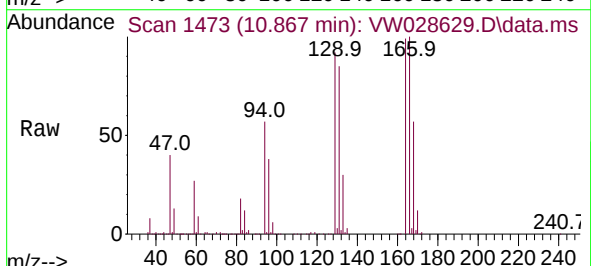
Ion Ratio Lower Upper

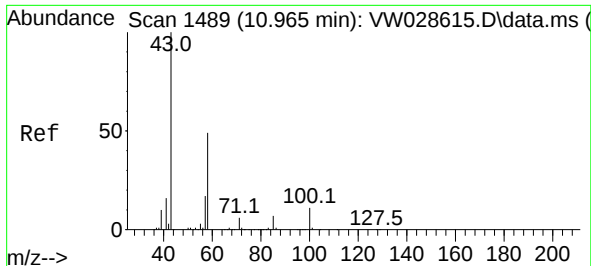
164 100

129 93.2 69.2 128.6

131 86.2 67.7 125.7

166 101.4 89.7 166.7

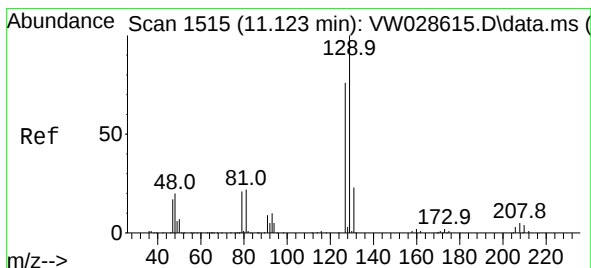
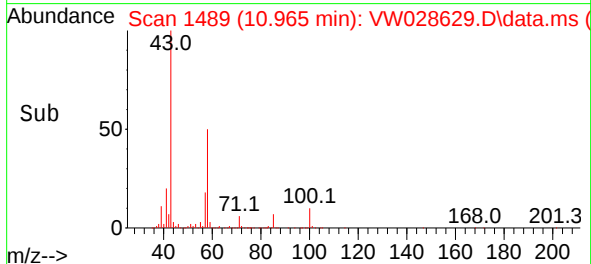
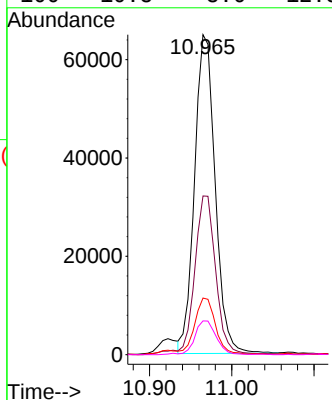
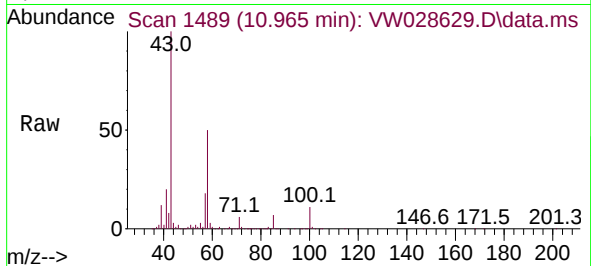




#48
2-Hexanone
Concen: 50.584 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW028629.D
Acq: 17 May 2024 10:39

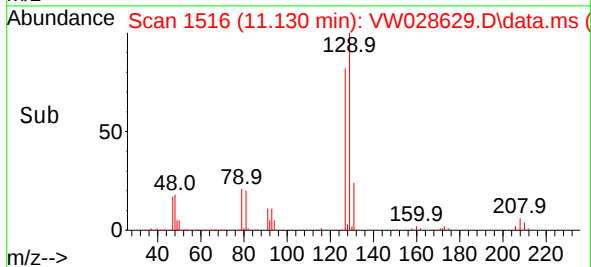
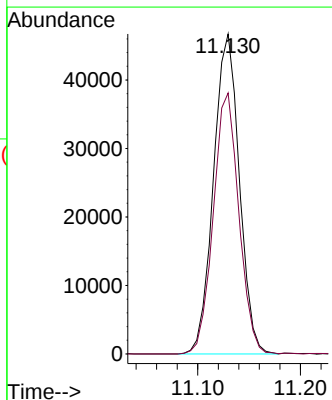
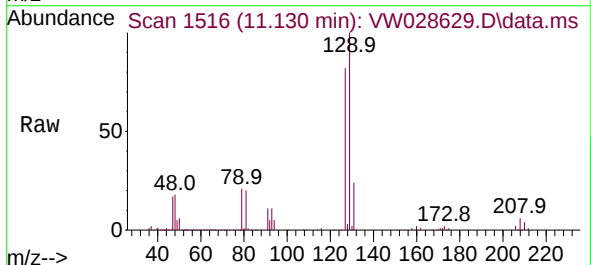
Instrument :
MSVOA_W
ClientSampleId :

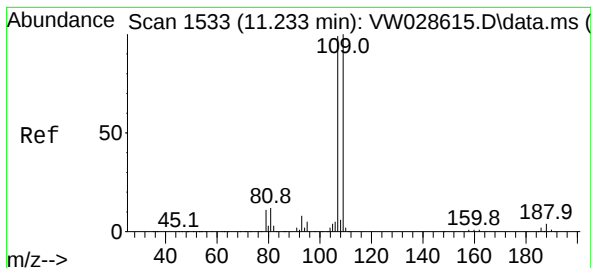
Tgt Ion: 43 Resp: 113211
Ion Ratio Lower Upper
43 100
58 50.2 41.0 61.4
57 17.3 14.8 22.2
100 10.8 8.6 12.8



#49
Dibromochloromethane
Concen: 24.062 ug/L
RT: 11.130 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW028629.D
Acq: 17 May 2024 10:39

Tgt Ion:129 Resp: 81435
Ion Ratio Lower Upper
129 100
127 81.6 54.3 100.8

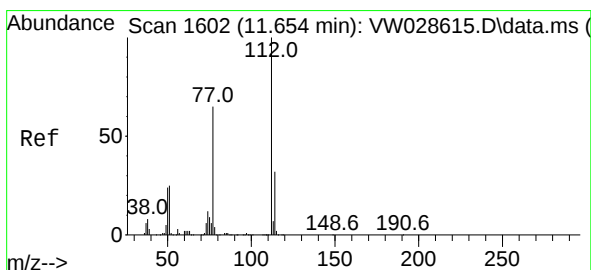
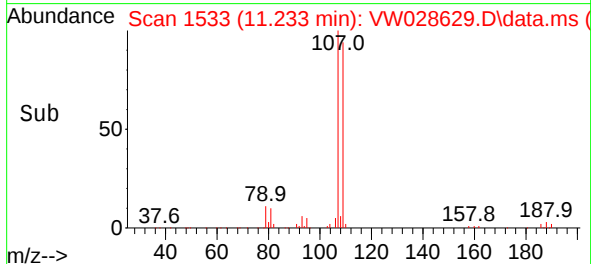
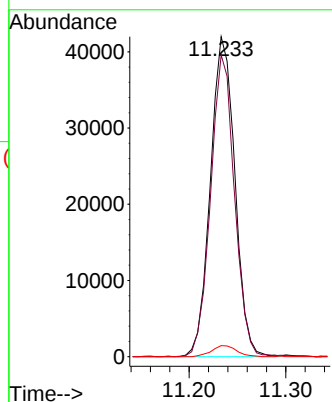
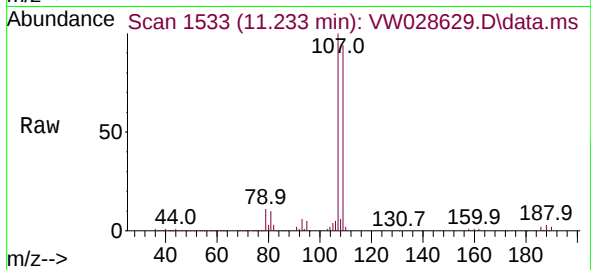




#50
1,2-Dibromoethane
Concen: 23.361 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW028629.D
Acq: 17 May 2024 10:39

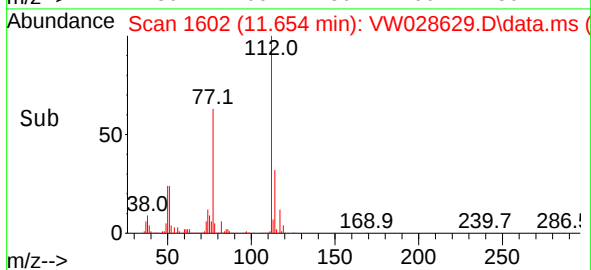
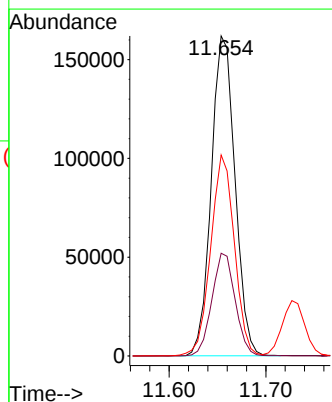
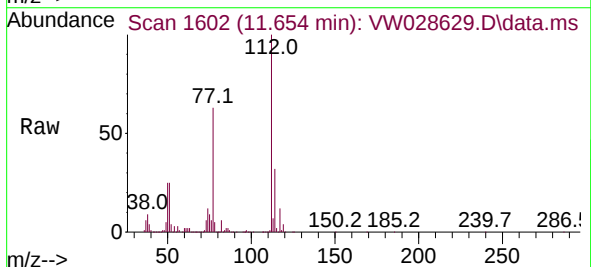
Instrument :
MSVOA_W
ClientSampleId :

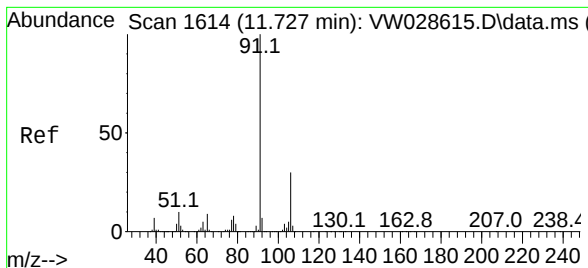
Tgt Ion:107 Resp: 73836
Ion Ratio Lower Upper
107 100
109 94.3 64.2 119.2
188 3.4 3.1 4.7



#51
Chlorobenzene
Concen: 24.160 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW028629.D
Acq: 17 May 2024 10:39

Tgt Ion:112 Resp: 275913
Ion Ratio Lower Upper
112 100
114 32.1 22.2 41.2
77 62.8 50.8 76.2

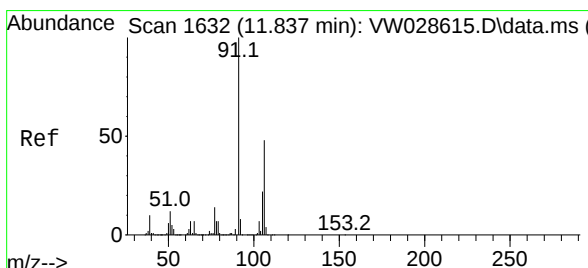
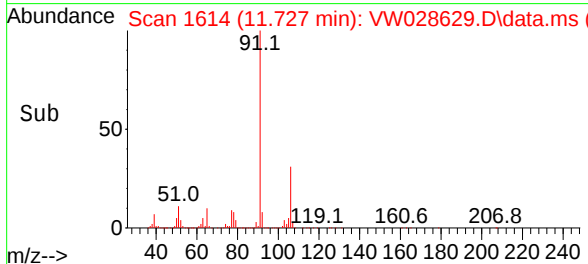
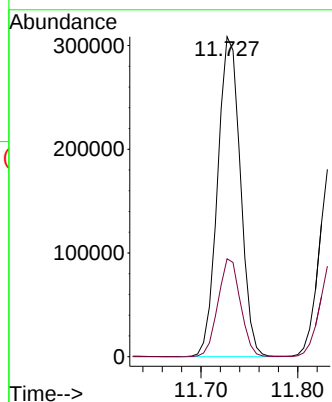
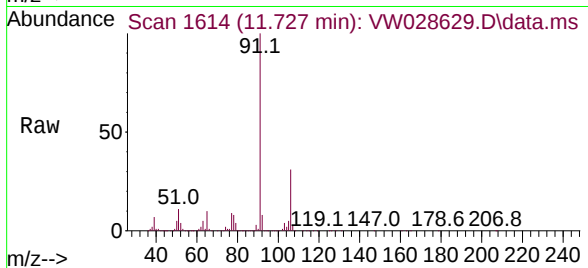




#52
Ethylbenzene
Concen: 24.148 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW028629.D
Acq: 17 May 2024 10:39

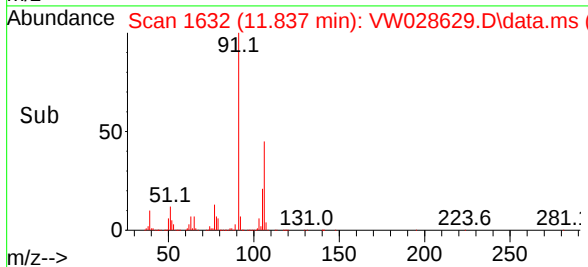
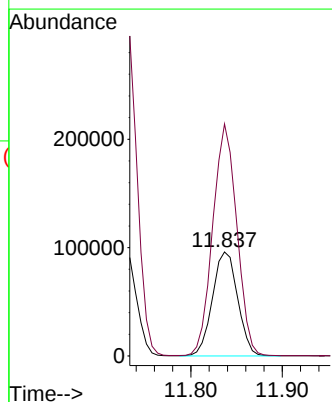
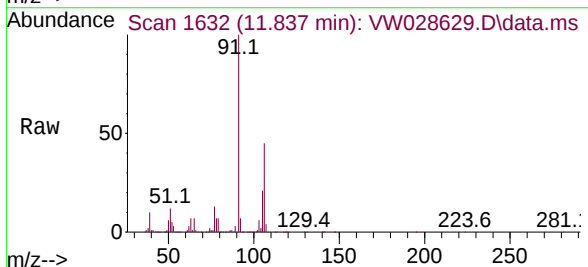
Instrument :
MSVOA_W
ClientSampleId :

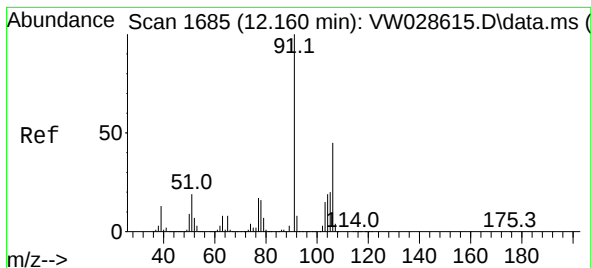
Tgt Ion: 91 Resp: 504534
Ion Ratio Lower Upper
91 100
106 30.6 22.7 42.1



#53
m,p-Xylene
Concen: 24.019 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW028629.D
Acq: 17 May 2024 10:39

Tgt Ion:106 Resp: 183950
Ion Ratio Lower Upper
106 100
91 223.0 146.6 272.2

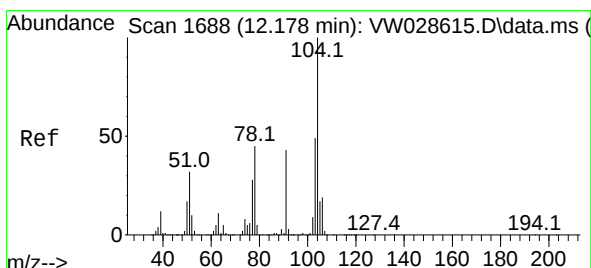
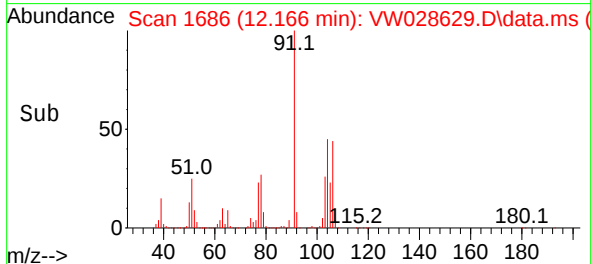
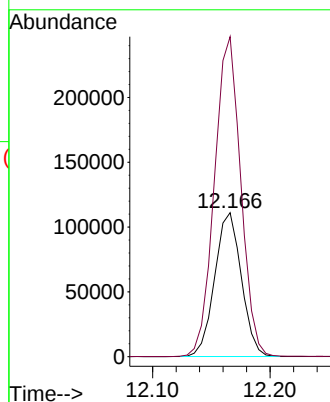
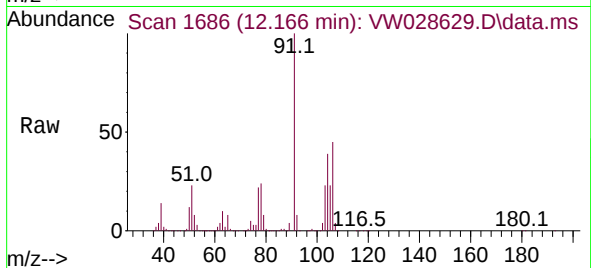




#54
o-Xylene
Concen: 24.693 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW028629.D
Acq: 17 May 2024 10:39

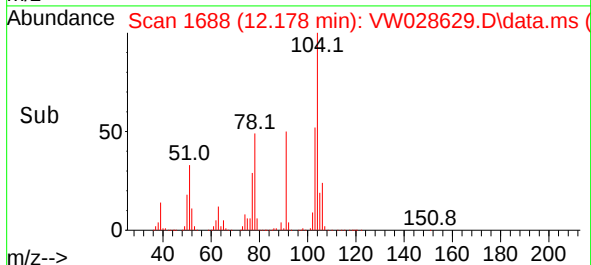
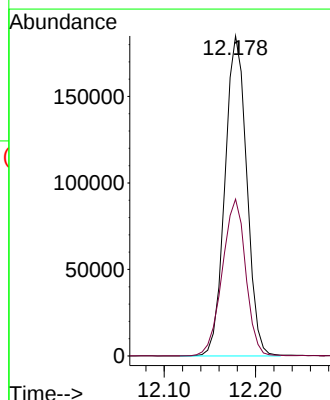
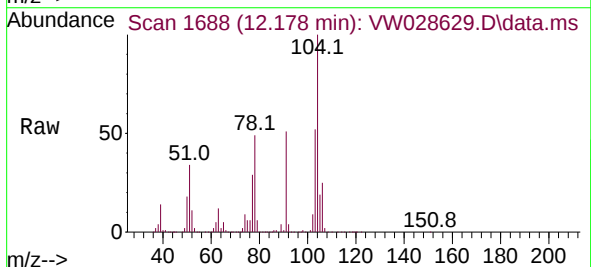
Instrument :
MSVOA_W
ClientSampleId :

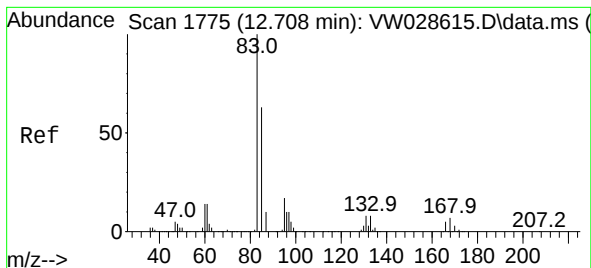
Tgt Ion:106 Resp: 174957
Ion Ratio Lower Upper
106 100
91 222.3 154.3 286.5



#55
Styrene
Concen: 25.511 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW028629.D
Acq: 17 May 2024 10:39

Tgt Ion:104 Resp: 306273
Ion Ratio Lower Upper
104 100
78 49.0 34.1 63.3





#57

1,1,2,2-Tetrachloroethane

Concen: 22.479 ug/L

RT: 12.715 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW028629.D

Acq: 17 May 2024 10:39

Instrument :

MSVOA_W

ClientSampleId :

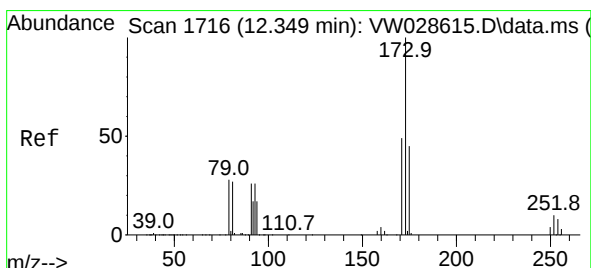
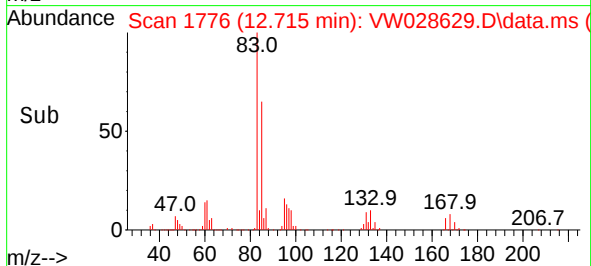
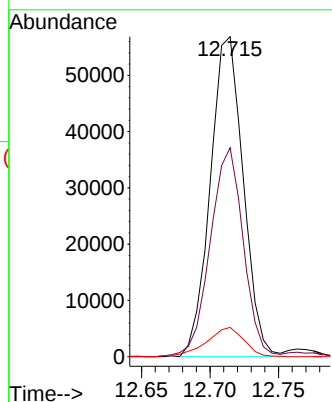
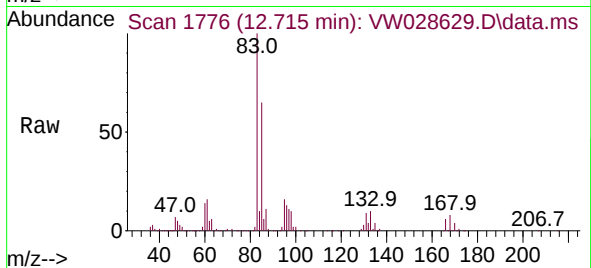
Tgt Ion: 83 Resp: 95160

Ion Ratio Lower Upper

83 100

85 65.3 45.6 84.6

131 9.1 7.3 10.9



#59

Bromoform

Concen: 24.778 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW028629.D

Acq: 17 May 2024 10:39

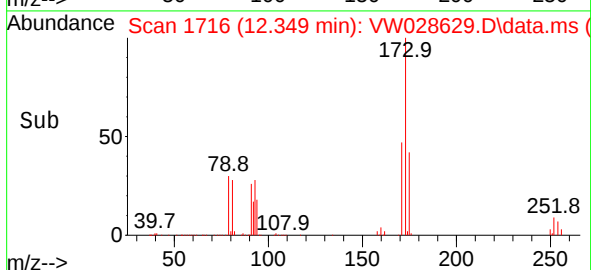
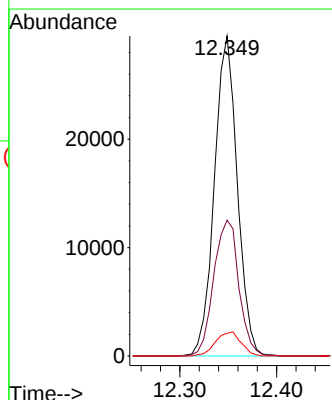
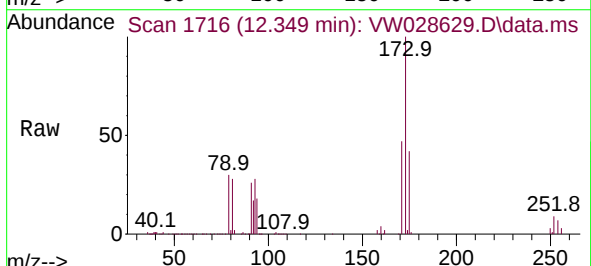
Tgt Ion:173 Resp: 48584

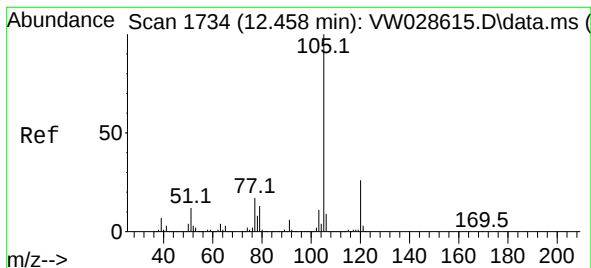
Ion Ratio Lower Upper

173 100

175 46.4 39.8 59.8

254 8.3 7.1 10.7





#60

Isopropylbenzene

Concen: 24.865 ug/L

RT: 12.465 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW028629.D

Acq: 17 May 2024 10:39

Instrument :

MSVOA_W

ClientSampleId :

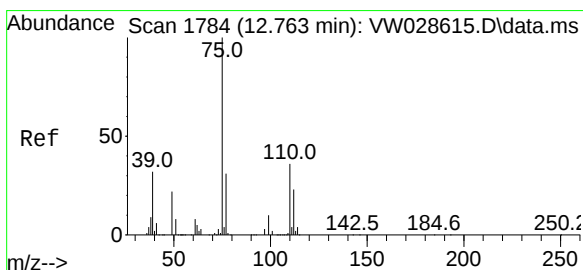
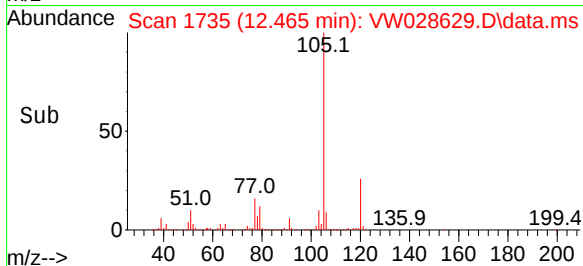
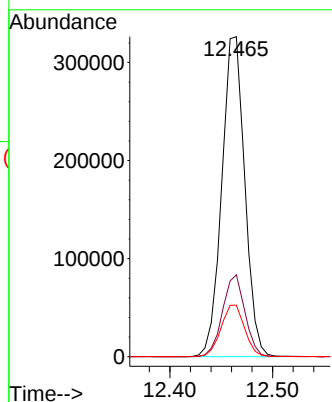
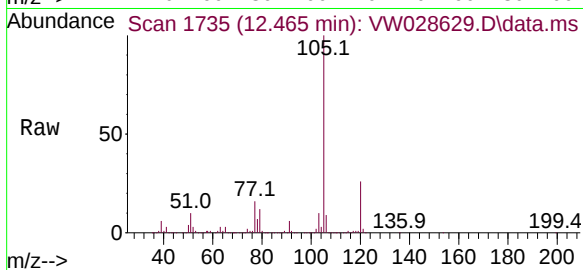
Tgt Ion:105 Resp: 507004

Ion Ratio Lower Upper

105 100

120 24.9 20.5 30.7

77 16.6 13.4 20.2



#61

1,2,3-Trichloropropane

Concen: 21.923 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW028629.D

Acq: 17 May 2024 10:39

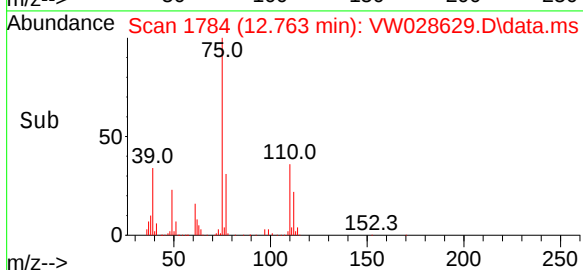
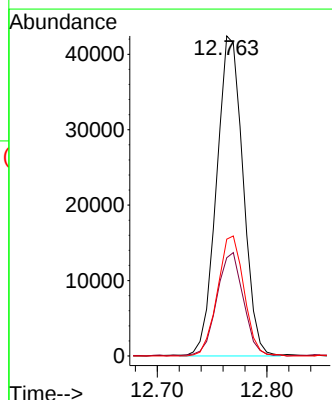
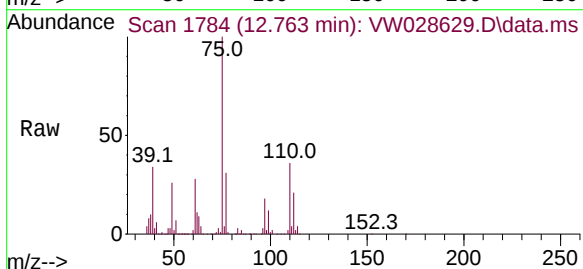
Tgt Ion: 75 Resp: 71207

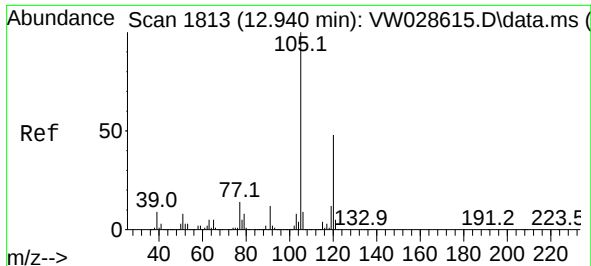
Ion Ratio Lower Upper

75 100

77 32.5 25.9 38.9

110 37.3 30.6 45.8





#62

1,3,5-Trimethylbenzene

Concen: 25.468 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW028629.D

Acq: 17 May 2024 10:39

Instrument :

MSVOA_W

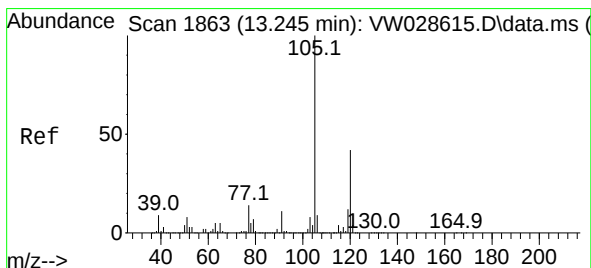
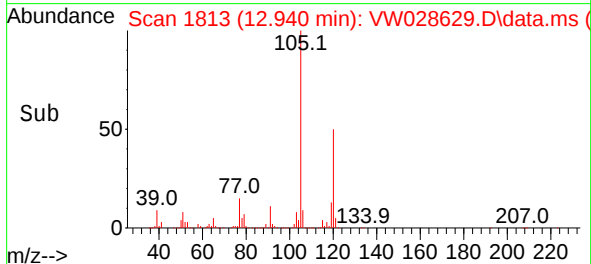
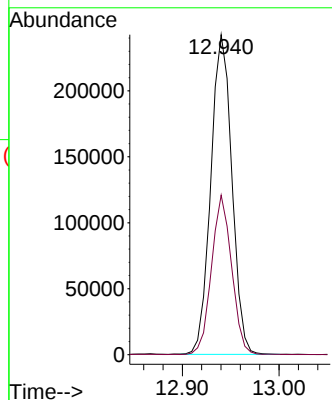
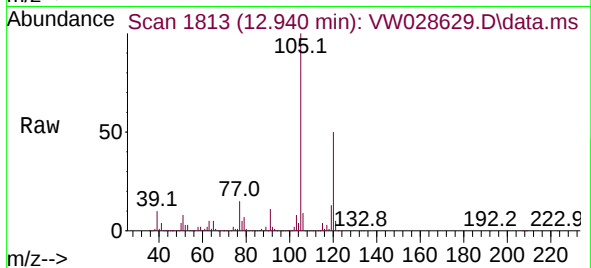
ClientSampleId :

Tgt Ion:105 Resp: 367407

Ion Ratio Lower Upper

105 100

120 47.6 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 24.527 ug/L

RT: 13.251 min Scan# 1864

Delta R.T. 0.006 min

Lab File: VW028629.D

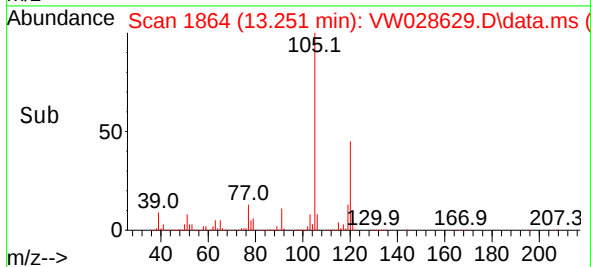
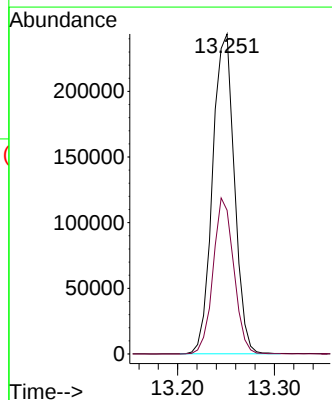
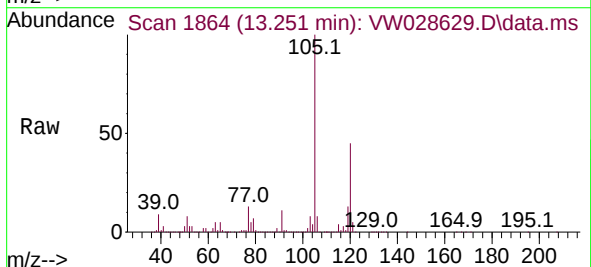
Acq: 17 May 2024 10:39

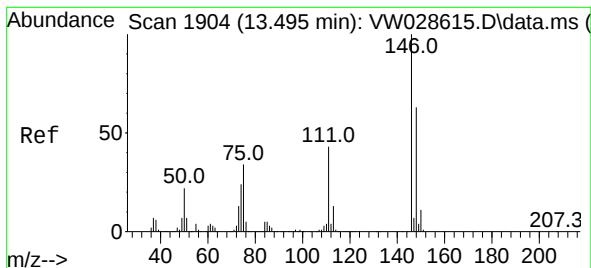
Tgt Ion:105 Resp: 381244

Ion Ratio Lower Upper

105 100

120 46.2 34.1 51.1





#64

1,3-Dichlorobenzene

Concen: 24.155 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW028629.D

Acq: 17 May 2024 10:39

Instrument :

MSVOA_W

ClientSampleId :

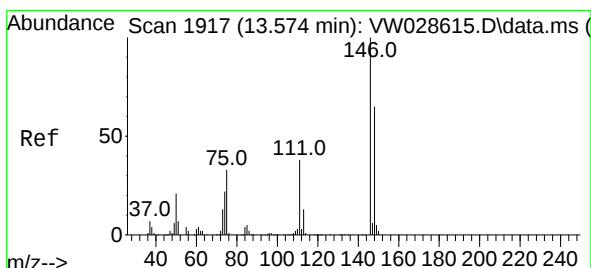
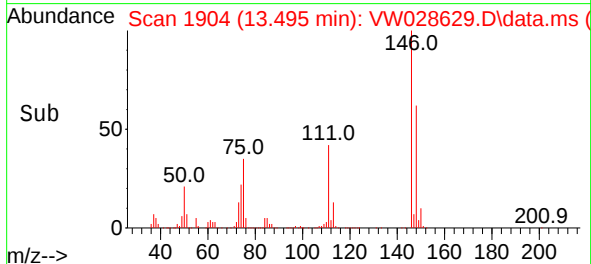
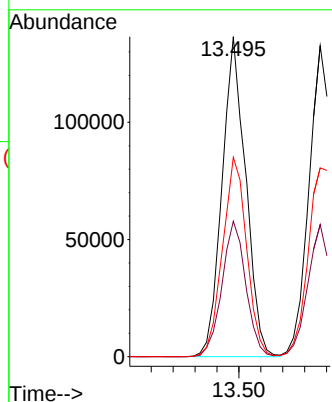
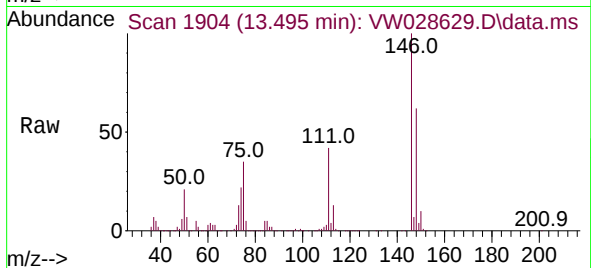
Tgt Ion:146 Resp: 204892

Ion Ratio Lower Upper

146 100

111 42.4 30.7 57.1

148 62.3 47.0 87.2



#65

1,4-Dichlorobenzene

Concen: 23.986 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW028629.D

Acq: 17 May 2024 10:39

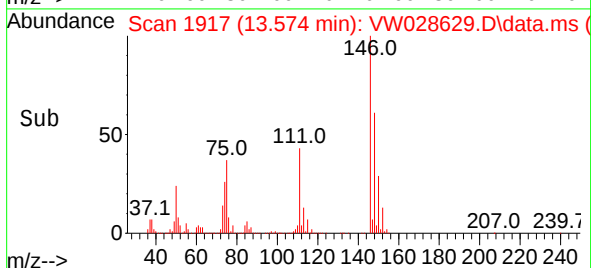
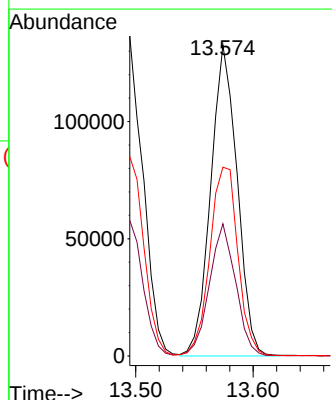
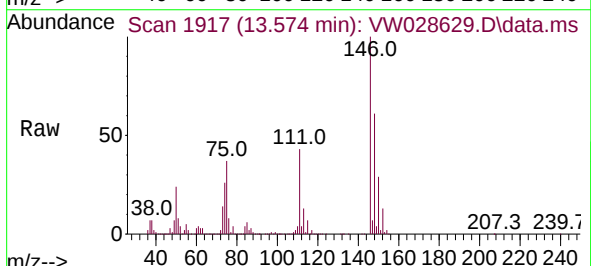
Tgt Ion:146 Resp: 208005

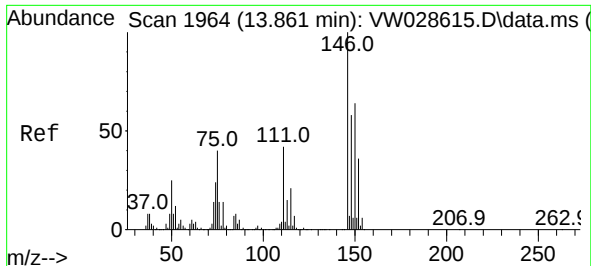
Ion Ratio Lower Upper

146 100

111 42.5 29.1 54.1

148 60.7 41.2 76.6





#67

1,2-Dichlorobenzene

Concen: 24.048 ug/L

RT: 13.861 min Scan# 1964

Delta R.T. 0.000 min

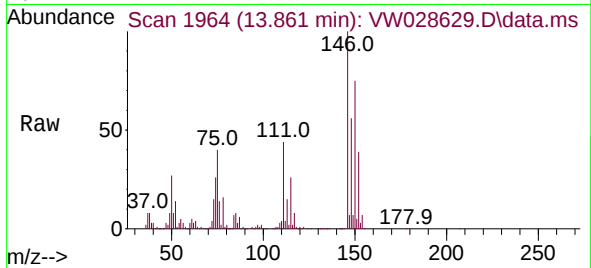
Lab File: VW028629.D

Acq: 17 May 2024 10:39

Instrument :

MSVOA_W

ClientSampleId :



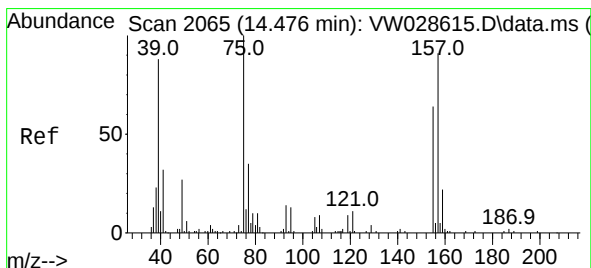
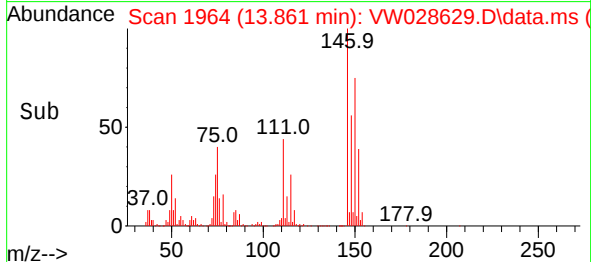
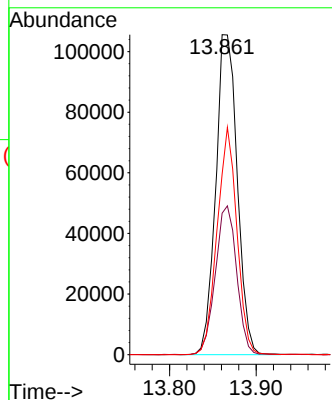
Tgt Ion:146 Resp: 182568

Ion Ratio Lower Upper

146 100

111 44.2 34.7 52.1

148 56.4 51.8 77.8



#68

1,2-Dibromo-3-chloropropane

Concen: 19.822 ug/L

RT: 14.483 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW028629.D

Acq: 17 May 2024 10:39

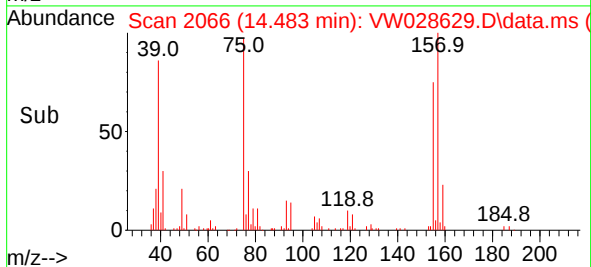
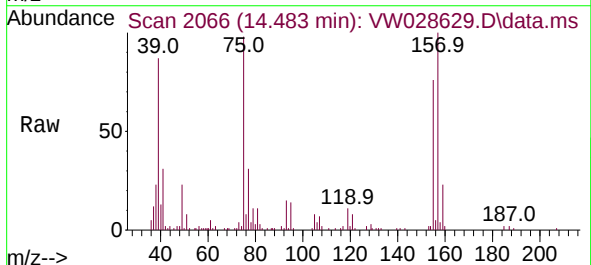
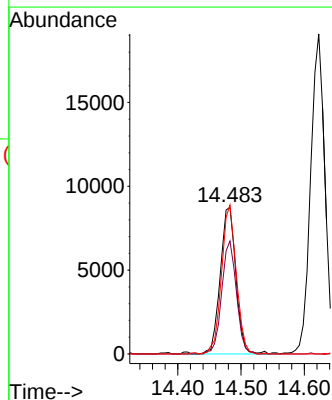
Tgt Ion: 75 Resp: 15053

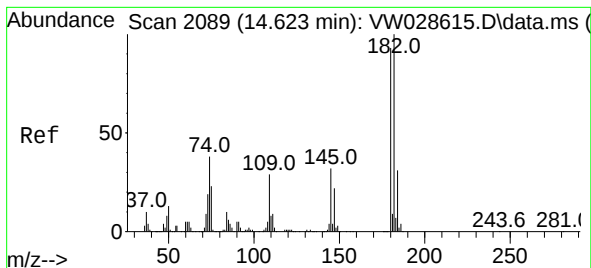
Ion Ratio Lower Upper

75 100

155 77.0 55.1 82.7

157 101.6 68.6 102.8





#69

1,3,5-Trichlorobenzene

Concen: 23.633 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

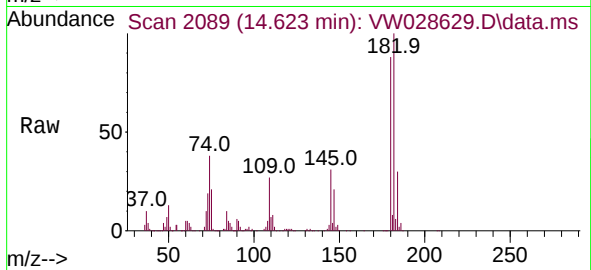
Lab File: VW028629.D

Acq: 17 May 2024 10:39

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 134518

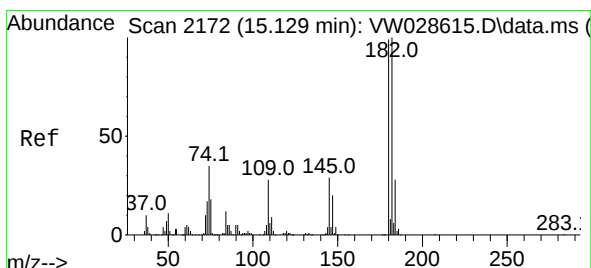
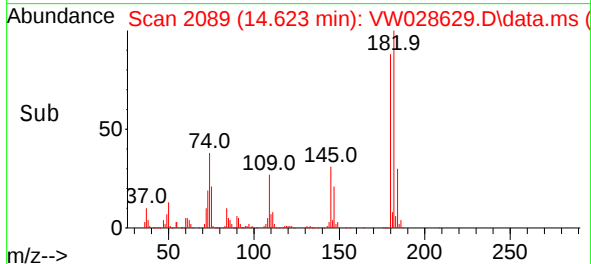
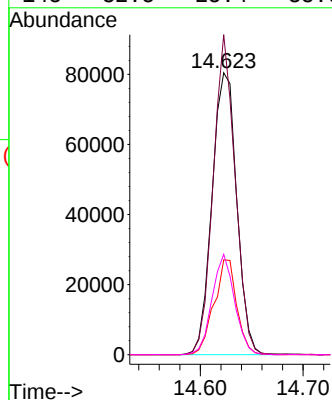
Ion Ratio Lower Upper

180 100

182 101.0 75.4 113.2

184 31.0 24.0 36.0

145 32.5 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 25.090 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW028629.D

Acq: 17 May 2024 10:39

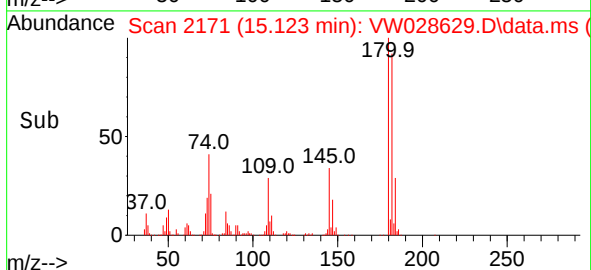
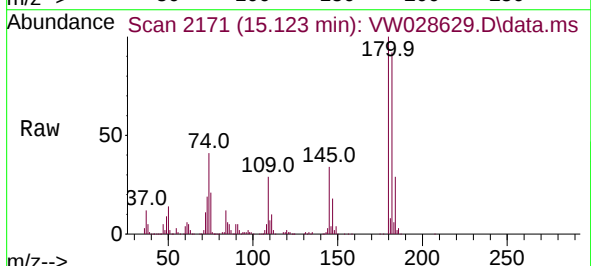
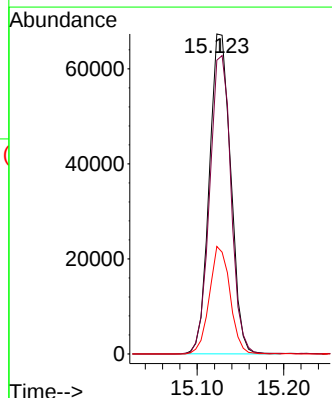
Tgt Ion:180 Resp: 115391

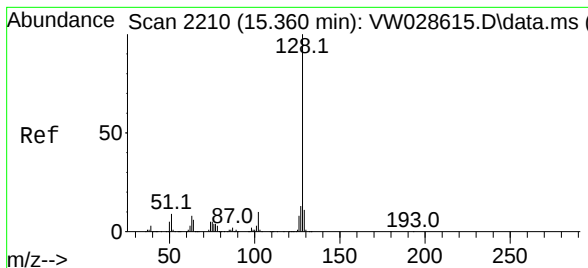
Ion Ratio Lower Upper

180 100

182 93.1 77.2 115.8

145 32.5 26.6 39.8





#71

Naphthalene

Concen: 23.596 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW028629.D

Acq: 17 May 2024 10:39

Instrument :

MSVOA_W

ClientSampleId :

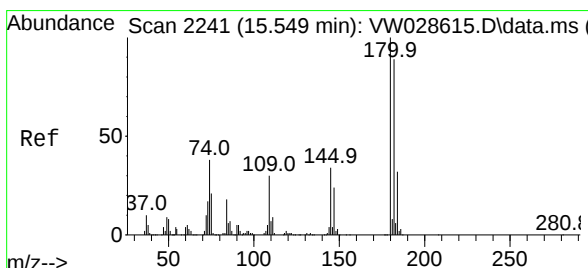
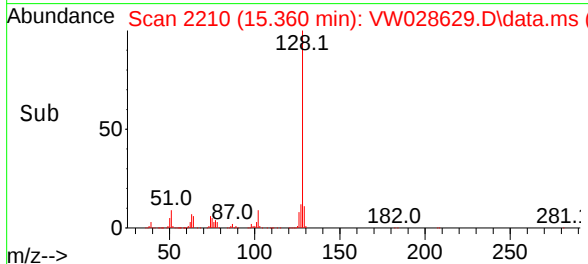
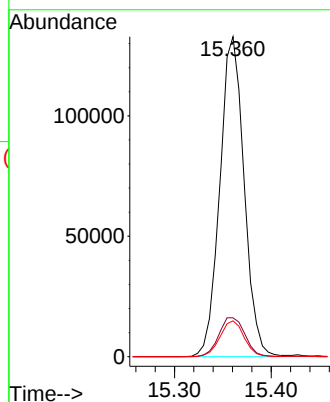
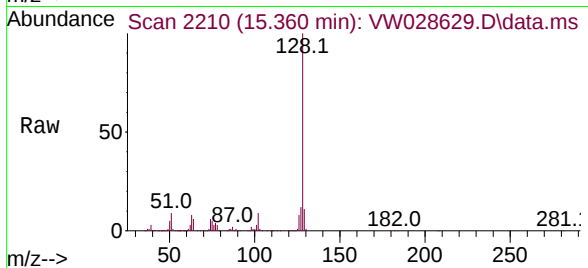
Tgt Ion:128 Resp: 231210

Ion Ratio Lower Upper

128 100

127 13.2 10.6 15.8

129 11.2 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 24.527 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW028629.D

Acq: 17 May 2024 10:39

Tgt Ion:180 Resp: 101786

Ion Ratio Lower Upper

180 100

182 98.4 76.1 114.1

145 33.9 28.3 42.5

