

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081224\
 Data File : VW029893.D
 Acq On : 12 Aug 2024 16:39
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 13 01:28:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Aug 13 01:26:37 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	220866	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	204147	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	100710	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	43249	13.793	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	55.160%
7) Chloroethane-d5	2.899	69	43321	19.352	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.400%
11) 1,1-Dichloroethene-d2	4.015	65	21376	14.934	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.720%
21) 2-Butanone-d5	7.081	46	34884	40.591	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.180%
24) Chloroform-d	7.648	84	137601	24.067	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.280%
26) 1,2-Dichloroethane-d4	8.306	65	73738	22.643	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.560%
32) Benzene-d6	8.270	84	228377	20.704	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.800%
36) 1,2-Dichloropropane-d6	9.270	67	73547	20.882	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.520%
41) Toluene-d8	10.318	98	208235	21.231	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.920%
43) trans-1,3-Dichloroprop...	10.574	79	30798	21.610	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.440%
47) 2-Hexanone-d5	10.922	63	26635	45.862	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.720%
56) 1,1,2,2-Tetrachloroeth...	12.684	84	69510	26.579	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.320%
66) 1,2-Dichlorobenzene-d4	13.848	152	78701	25.167	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	60406	20.290	ug/L	93
3) Chloromethane	2.222	50	70347	19.095	ug/L	99
5) Vinyl chloride	2.375	62	91327	22.125	ug/L	98
6) Bromomethane	2.789	94	65069	28.707	ug/L	99
8) Chloroethane	2.936	64	61140	26.036	ug/L	96
9) Trichlorofluoromethane	3.265	101	73051	22.156	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.069	101	71439	21.754	ug/L #	70
12) 1,1-Dichloroethene	4.039	96	71975	23.854	ug/L	86
13) Acetone	4.130	43	35979	33.687	ug/L	97
14) Carbon disulfide	4.393	76	199931	19.911	ug/L	100
16) Methylene chloride	4.911	84	91870	19.897	ug/L	84
17) trans-1,2-Dichloroethene	5.423	96	80130	24.644	ug/L	84
18) Methyl tert-butyl Ether	5.429	73	137474	25.653	ug/L	98
19) 1,1-Dichloroethane	6.215	63	152776	22.278	ug/L	97
20) cis-1,2-Dichloroethene	7.166	96	90905	25.774	ug/L	94
22) 2-Butanone	7.173	43	46004	33.617	ug/L	86
23) Bromochloromethane	7.508	128	39997	26.712	ug/L #	73
25) Chloroform	7.672	83	168650	26.103	ug/L	95
27) 1,2-Dichloroethane	8.398	62	113502	24.105	ug/L	98

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 Response via : Initial Calibration

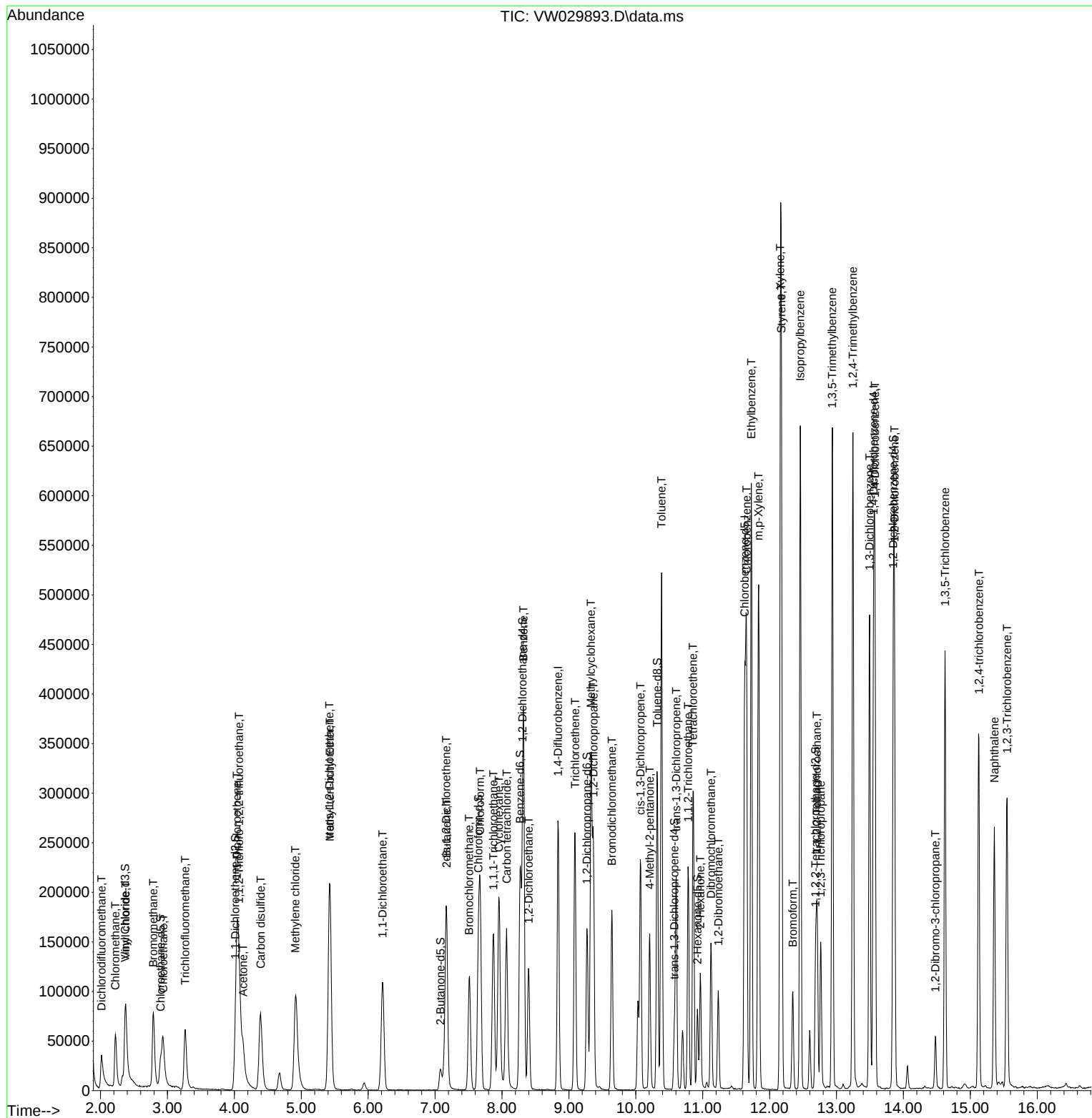
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.953	56	111412	19.204	ug/L	90
30) 1,1,1-Trichloroethane	7.874	97	130333	25.211	ug/L	96
31) Carbon tetrachloride	8.069	117	113742	24.417	ug/L	94
33) Benzene	8.319	78	338346	24.189	ug/L	100
34) Trichloroethene	9.093	95	91399	24.926	ug/L	98
35) Methylcyclohexane	9.331	83	139690	22.862	ug/L	90
37) 1,2-Dichloropropane	9.367	63	86750	22.632	ug/L	98
38) Bromodichloromethane	9.642	83	119326	26.142	ug/L	98
39) cis-1,3-Dichloropropene	10.068	75	135266	24.231	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	97538	40.061	ug/L #	91
42) Toluene	10.385	91	369891	25.907	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	114456	24.698	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	67820	26.337	ug/L	97
46) Tetrachloroethene	10.855	164	62990	23.635	ug/L	89
48) 2-Hexanone	10.965	43	71066	38.972	ug/L #	94
49) Dibromochloromethane	11.123	129	75402	28.206	ug/L	98
50) 1,2-Dibromoethane	11.233	107	63085	26.477	ug/L	90
51) Chlorobenzene	11.653	112	231556	26.073	ug/L	95
52) Ethylbenzene	11.727	91	425654	26.429	ug/L	98
53) m,p-Xylene	11.836	106	155424	26.240	ug/L	99
54) o-Xylene	12.159	106	150948	27.674	ug/L	92
55) Styrene	12.178	104	264631	27.990	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	81656	25.835	ug/L #	94
59) Bromoform	12.348	173	43519	28.718	ug/L	99
60) Isopropylbenzene	12.458	105	418363	26.846	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	57379	23.426	ug/L	93
62) 1,3,5-Trimethylbenzene	12.934	105	350916	30.294	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	346241	27.949	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	183561	27.607	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	184542	27.020	ug/L	96
67) 1,2-Dichlorobenzene	13.866	146	170090	28.098	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	12814	23.040	ug/L #	77
69) 1,3,5-Trichlorobenzene	14.622	180	120659	26.523	ug/L	93
70) 1,2,4-trichlorobenzene	15.128	180	109982	28.697	ug/L	95
71) Naphthalene	15.360	128	211837	28.968	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	92408	26.639	ug/L	94

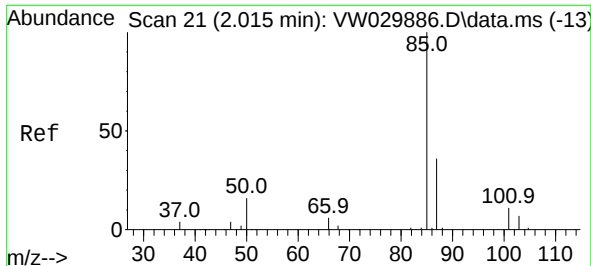
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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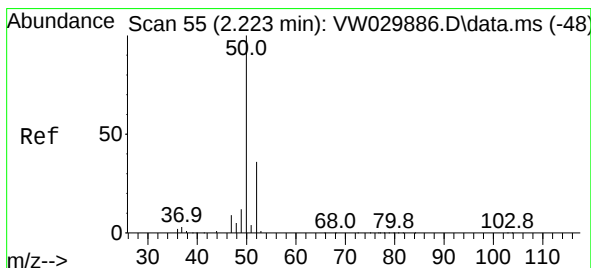
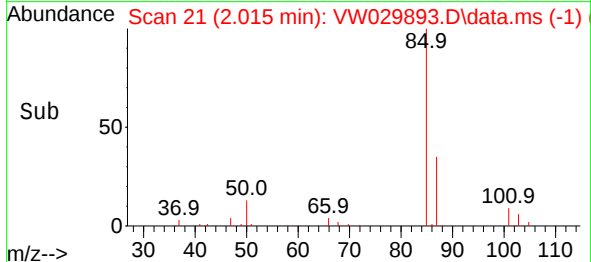
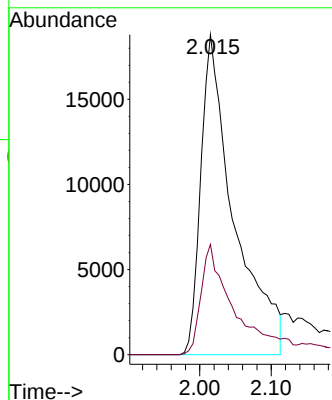
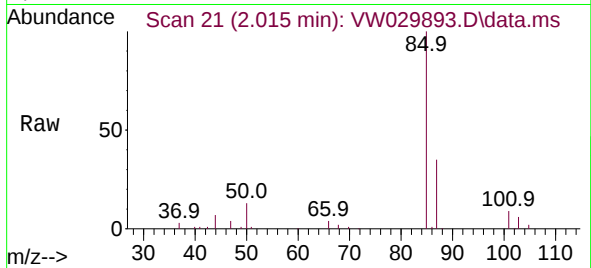




#2
Dichlorodifluoromethane
Concen: 20.290 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW029893.D
Acq: 12 Aug 2024 16:39

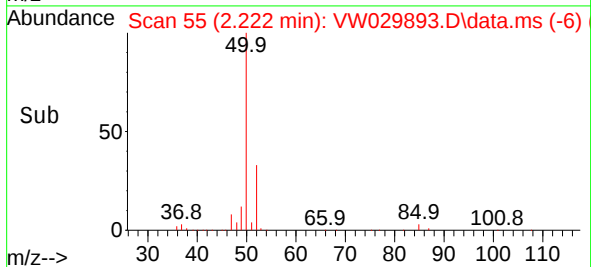
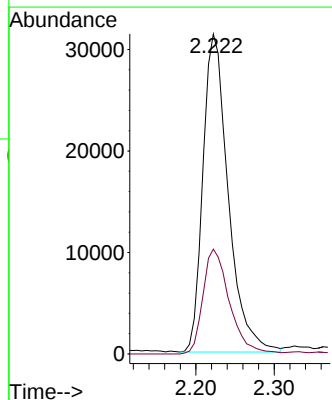
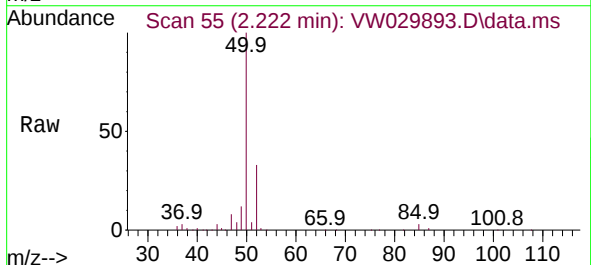
Instrument :
MSVOA_W
ClientSampleId :

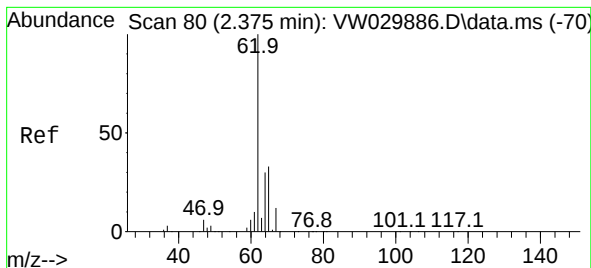
Tgt Ion: 85 Resp: 60406
Ion Ratio Lower Upper
85 100
87 28.1 25.5 38.3



#3
Chloromethane
Concen: 19.095 ug/L
RT: 2.222 min Scan# 55
Delta R.T. -0.000 min
Lab File: VW029893.D
Acq: 12 Aug 2024 16:39

Tgt Ion: 50 Resp: 70347
Ion Ratio Lower Upper
50 100
52 32.8 22.5 41.9





#5

Vinyl chloride

Concen: 22.125 ug/L

RT: 2.375 min Scan# 80

Delta R.T. -0.000 min

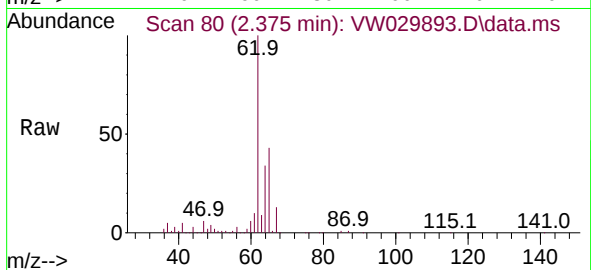
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Acq: 12 Aug 2024 16:39

Instrument :

MSVOA_W

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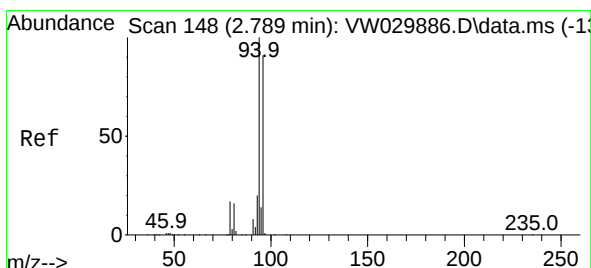
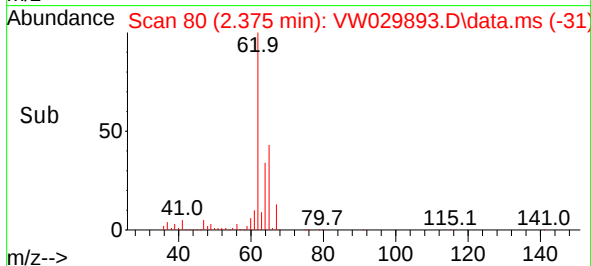
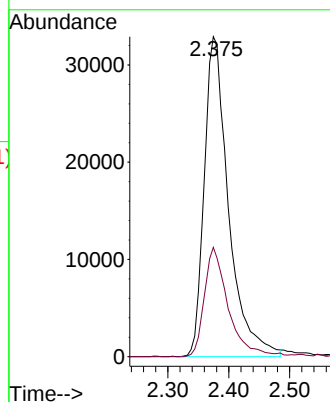


Tgt Ion: 62 Resp: 91327

Ion Ratio Lower Upper

62 100

64 34.2 23.2 43.2



#6

Bromomethane

Concen: 28.707 ug/L

RT: 2.789 min Scan# 148

Delta R.T. -0.000 min

Lab File: VW029893.D

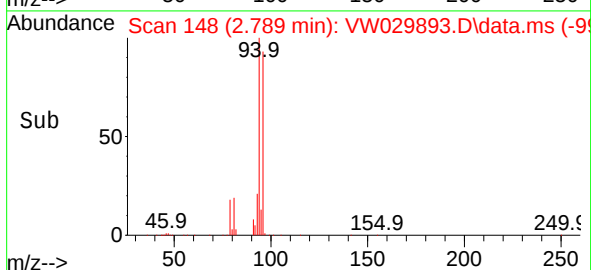
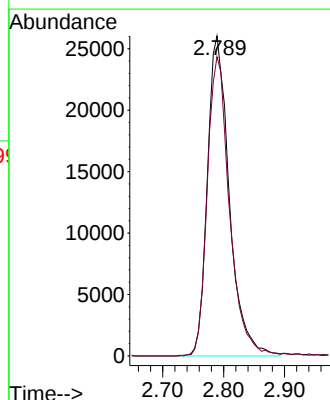
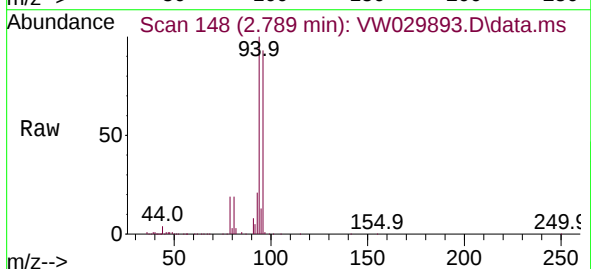
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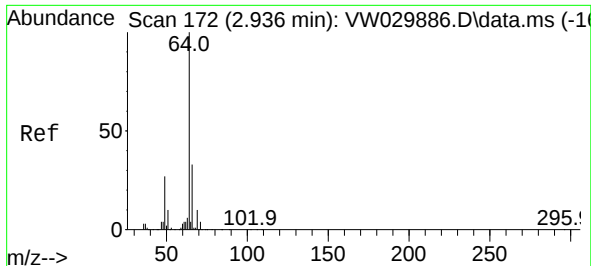
Tgt Ion: 94 Resp: 65069

Ion Ratio Lower Upper

94 100

96 93.5 66.2 123.0

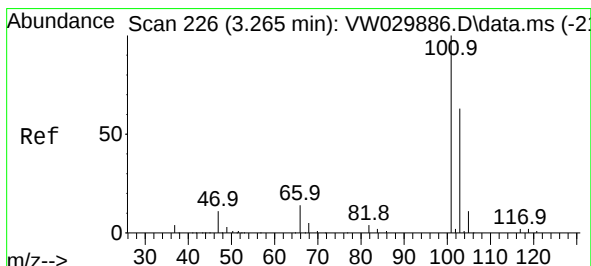
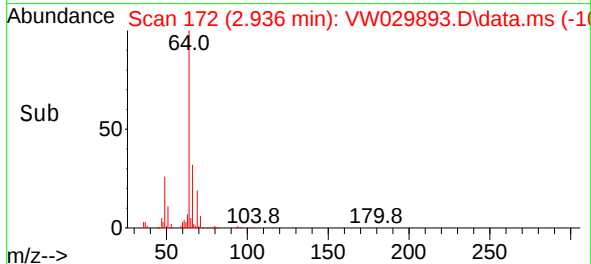
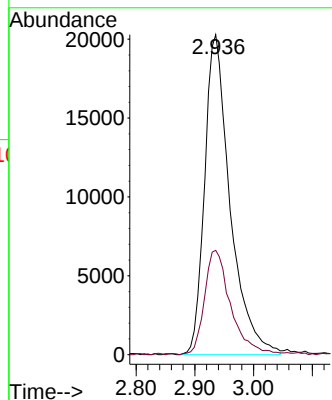
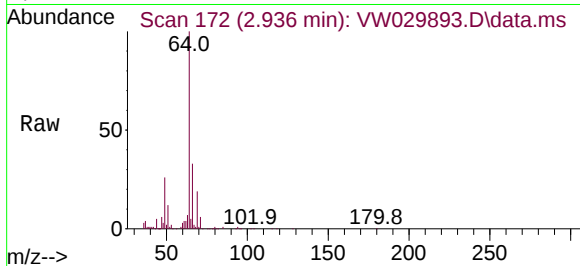




#8
Chloroethane
Concen: 26.036 ug/L
RT: 2.936 min Scan# 172
Delta R.T. -0.000 min
Lab File: VW029893.D
Acq: 12 Aug 2024 16:39

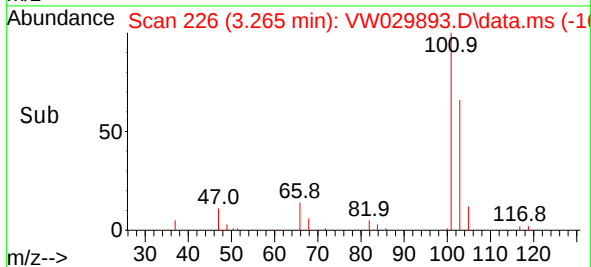
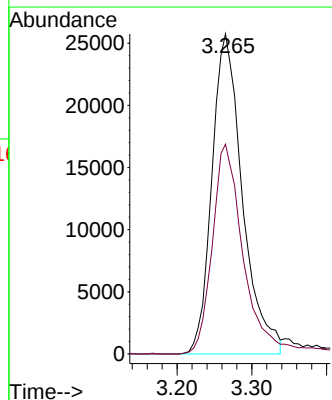
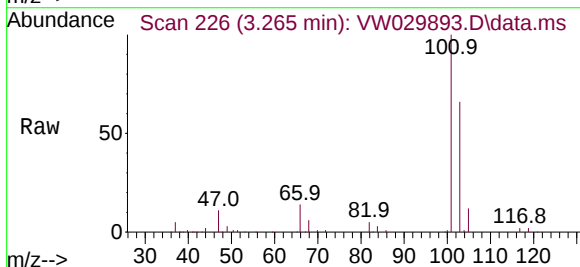
Instrument :
MSVOA_W
ClientSampleId :

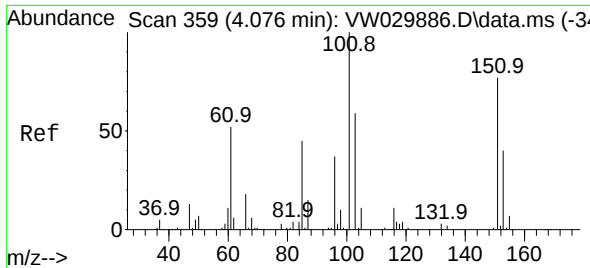
Tgt Ion: 64 Resp: 61140
Ion Ratio Lower Upper
64 100
66 32.6 21.2 39.4



#9
Trichlorofluoromethane
Concen: 22.156 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.000 min
Lab File: VW029893.D
Acq: 12 Aug 2024 16:39

Tgt Ion: 101 Resp: 73051
Ion Ratio Lower Upper
101 100
103 66.6 51.0 76.4





#10

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

Concen: 21.754 ug/L

RT: 4.069 min Scan# 359

Delta R.T. -0.006 min

Lab File: VW029893.D

Acq: 12 Aug 2024 16:39

Instrument :

MSVOA_W

ClientSampleId :

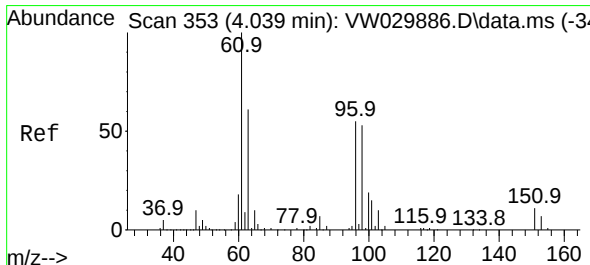
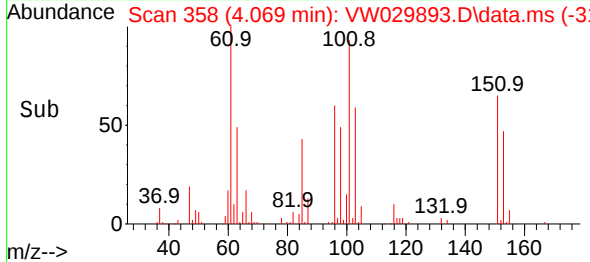
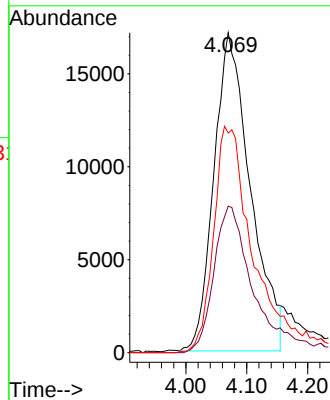
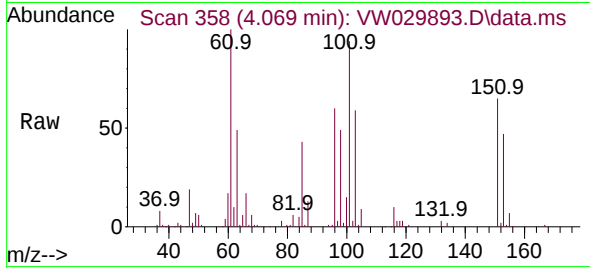
Tgt Ion:101 Resp: 71439

Ion Ratio Lower Upper

101 100

85 45.3 34.2 51.4

151 30.3 54.2 81.2#



#12

1,1-Dichloroethene

Concen: 23.854 ug/L

RT: 4.039 min Scan# 353

Delta R.T. -0.000 min

Lab File: VW029893.D

Acq: 12 Aug 2024 16:39

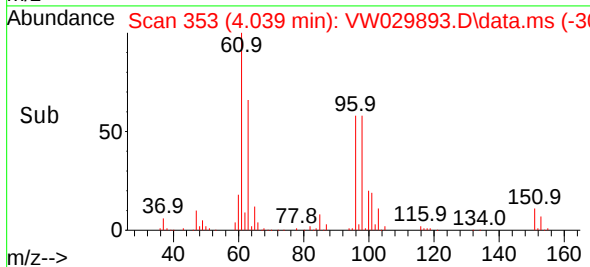
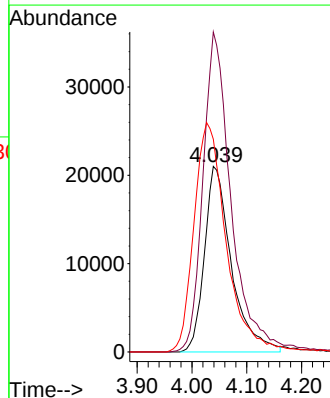
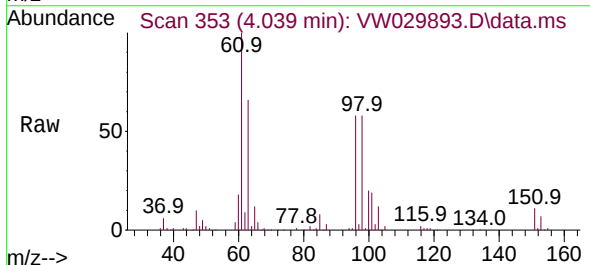
Tgt Ion: 96 Resp: 71975

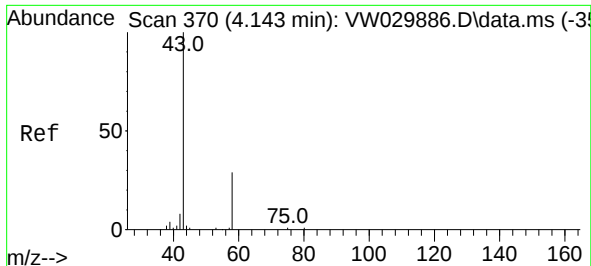
Ion Ratio Lower Upper

96 100

61 172.4 138.3 256.9

63 114.7 89.0 165.4

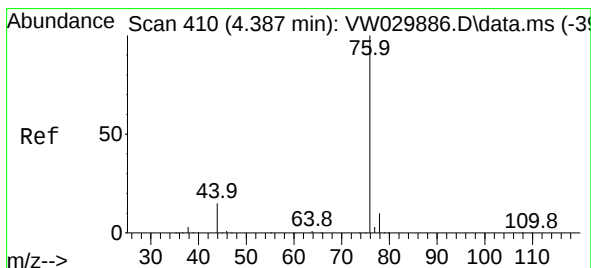
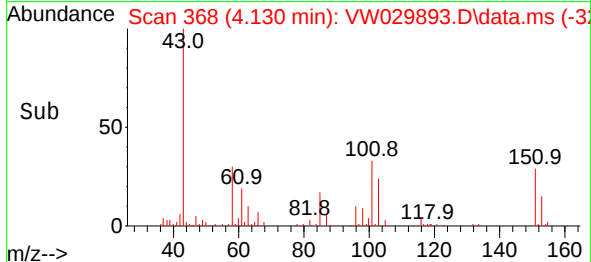
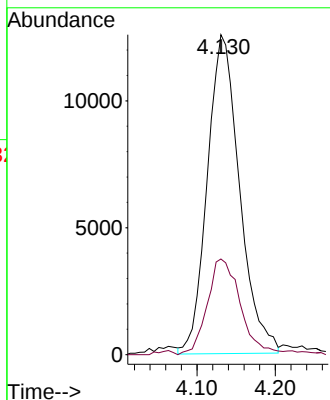
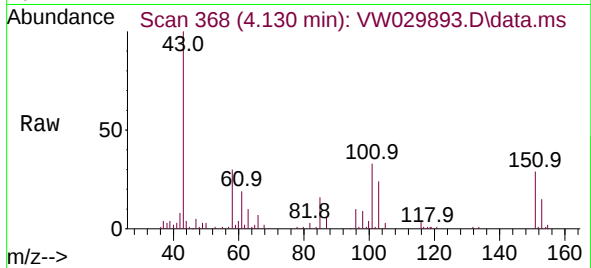




#13
Acetone
Concen: 33.687 ug/L
RT: 4.130 min Scan# 368
Delta R.T. -0.013 min
Lab File: VW029893.D
Acq: 12 Aug 2024 16:39

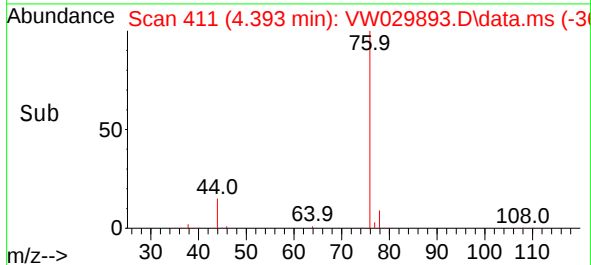
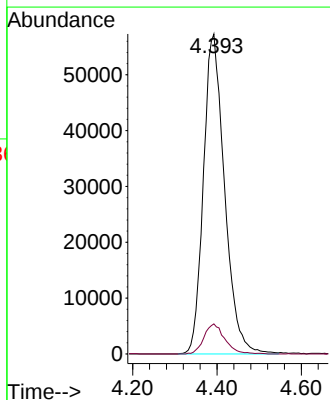
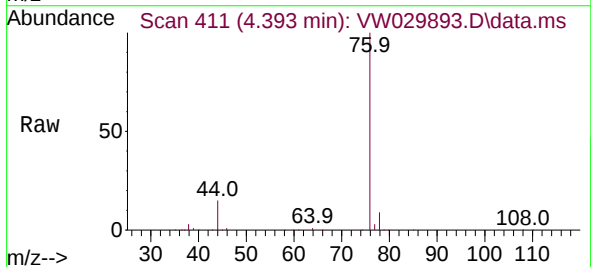
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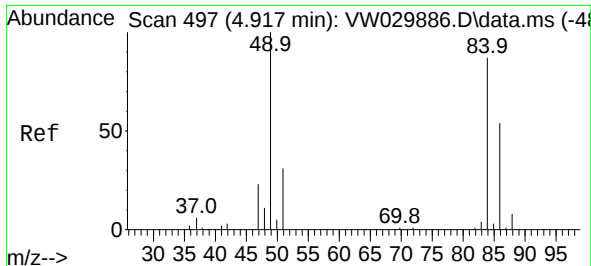
Tgt Ion: 43 Resp: 35979
Ion Ratio Lower Upper
43 100
58 30.7 0.0 57.6



#14
Carbon disulfide
Concen: 19.911 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
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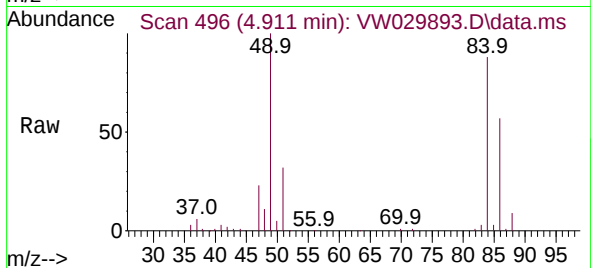
Tgt Ion: 76 Resp: 199931
Ion Ratio Lower Upper
76 100
78 9.4 7.6 11.4



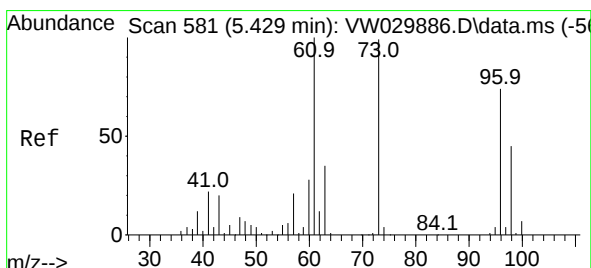
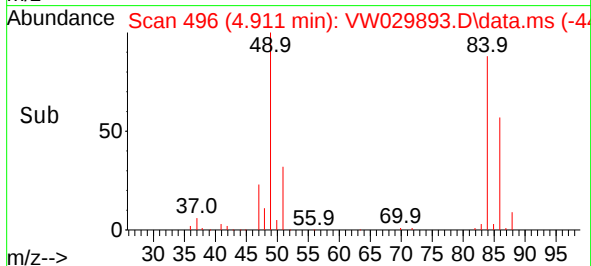
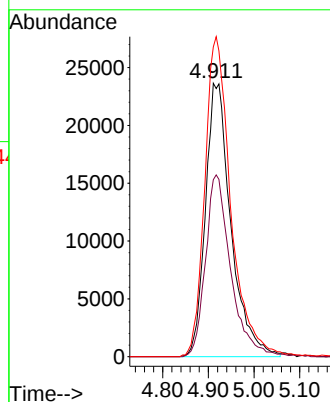


#16
Methylene chloride
Concen: 19.897 ug/L
RT: 4.911 min Scan# 496
Delta R.T. -0.006 min
Lab File: VW029893.D
Acq: 12 Aug 2024 16:39

Instrument :
MSVOA_W
ClientSampleId :

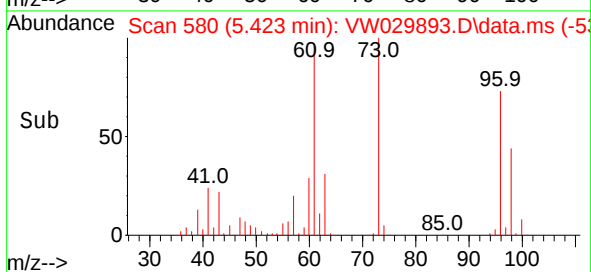
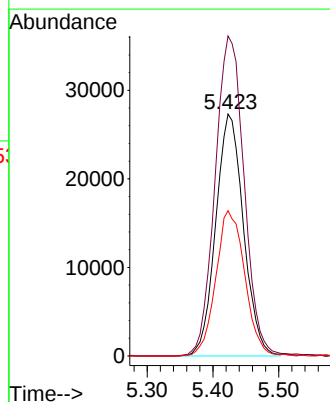
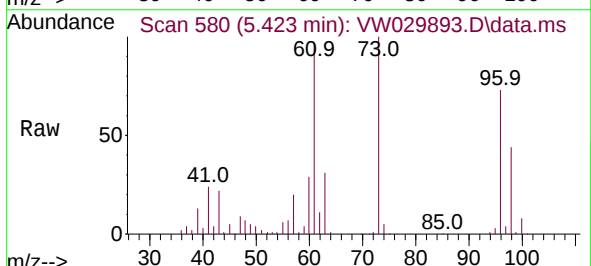


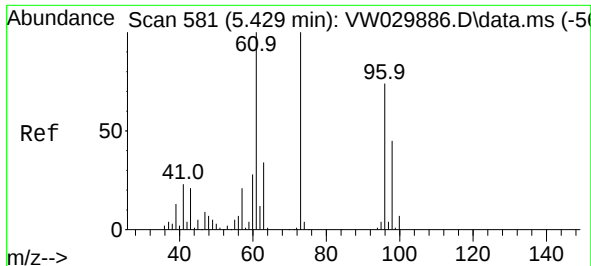
Tgt Ion: 84 Resp: 91870
Ion Ratio Lower Upper
84 100
86 64.7 44.7 82.9
49 113.3 99.0 184.0



#17
trans-1,2-Dichloroethene
Concen: 24.644 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW029893.D
Acq: 12 Aug 2024 16:39

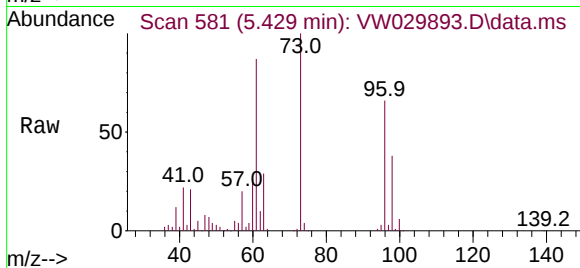
Tgt Ion: 96 Resp: 80130
Ion Ratio Lower Upper
96 100
61 132.3 111.2 206.6
98 60.1 45.0 83.6



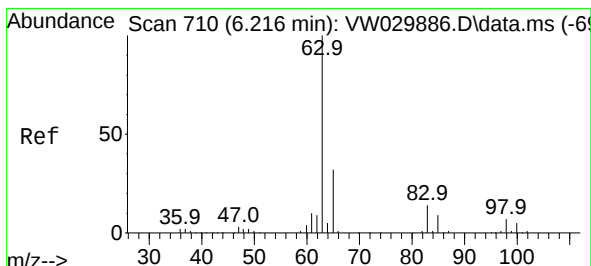
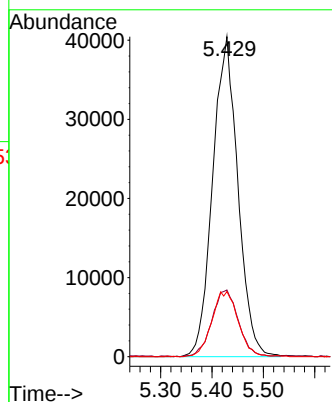
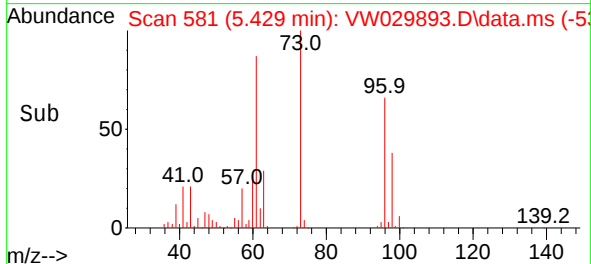


#18
Methyl tert-butyl Ether
Concen: 25.653 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW029893.D
Acq: 12 Aug 2024 16:39

Instrument :
MSVOA_W
ClientSampleId :

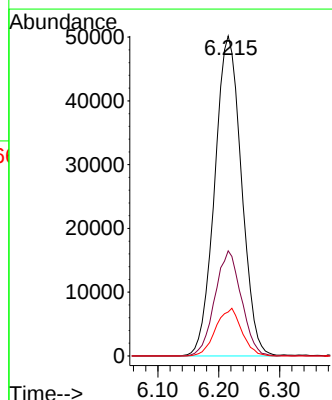
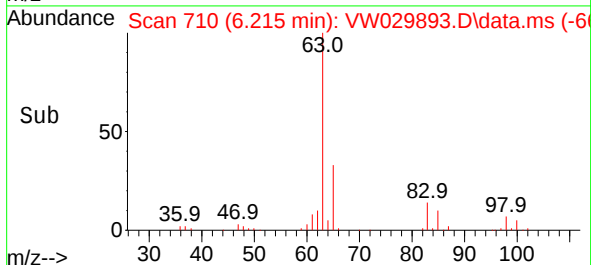
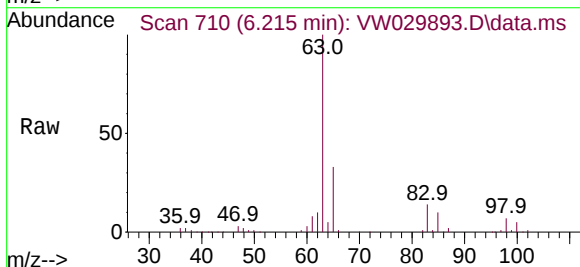


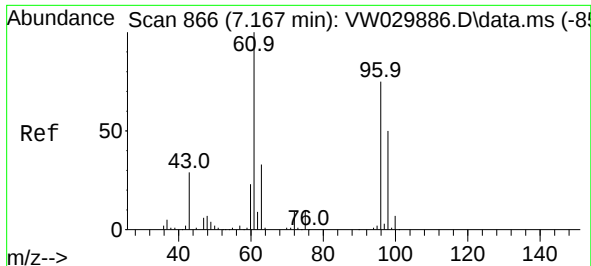
Tgt Ion: 73 Resp: 137474
Ion Ratio Lower Upper
73 100
43 21.9 18.3 27.5
57 21.4 17.9 26.9



#19
1,1-Dichloroethane
Concen: 22.278 ug/L
RT: 6.215 min Scan# 710
Delta R.T. -0.000 min
Lab File: VW029893.D
Acq: 12 Aug 2024 16:39

Tgt Ion: 63 Resp: 152776
Ion Ratio Lower Upper
63 100
65 32.9 22.3 41.3
83 13.8 8.5 15.7

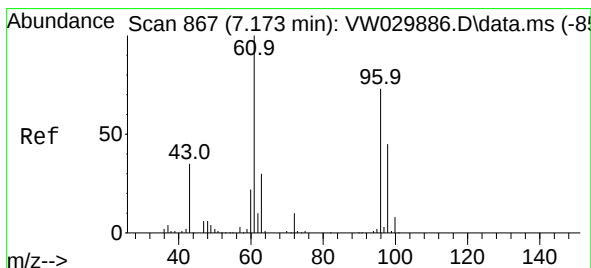
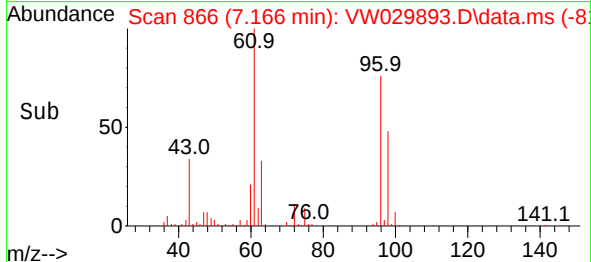
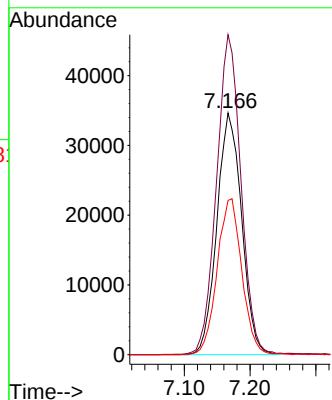
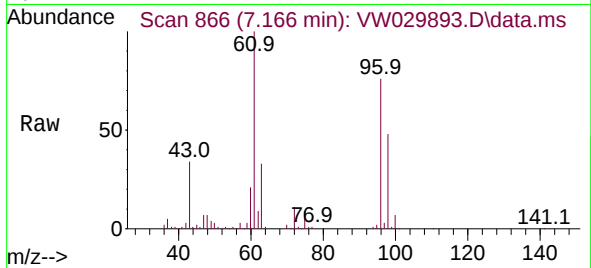




#20
cis-1,2-Dichloroethene
Concen: 25.774 ug/L
RT: 7.166 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW029893.D
Acq: 12 Aug 2024 16:39

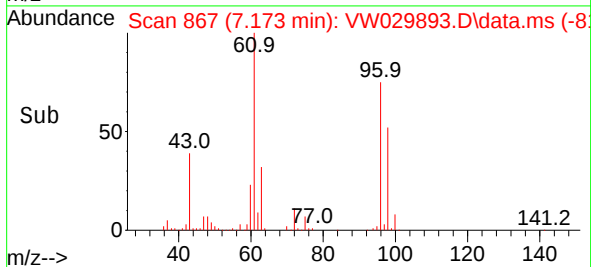
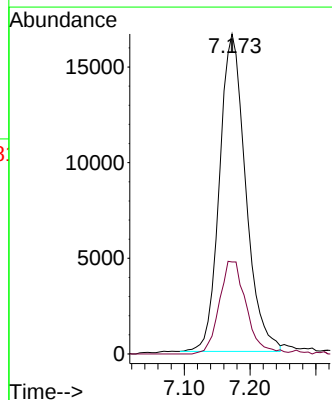
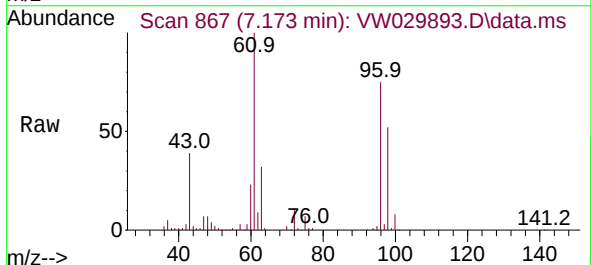
Instrument :
MSVOA_W
ClientSampleId :

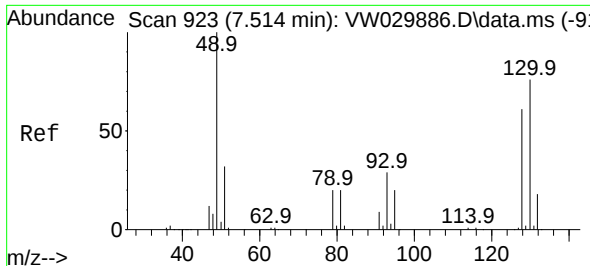
Tgt Ion: 96 Resp: 90905
Ion Ratio Lower Upper
96 100
61 132.4 98.2 182.4
98 63.8 41.9 77.9



#22
2-Butanone
Concen: 33.617 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW029893.D
Acq: 12 Aug 2024 16:39

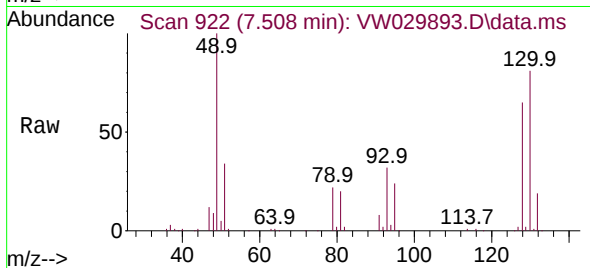
Tgt Ion: 43 Resp: 46004
Ion Ratio Lower Upper
43 100
72 30.1 11.7 35.1



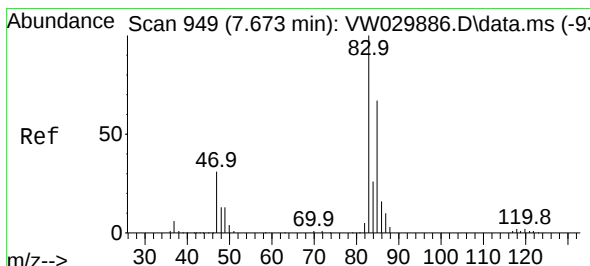
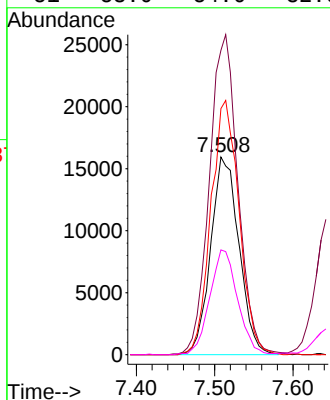
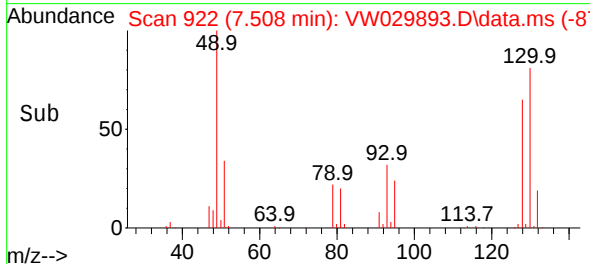


#23
Bromochloromethane
Concen: 26.712 ug/L
RT: 7.508 min Scan# 911
Delta R.T. -0.006 min
Lab File: VW029893.D
Acq: 12 Aug 2024 16:39

Instrument :
MSVOA_W
ClientSampleId :

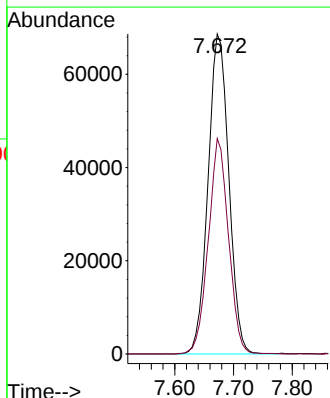
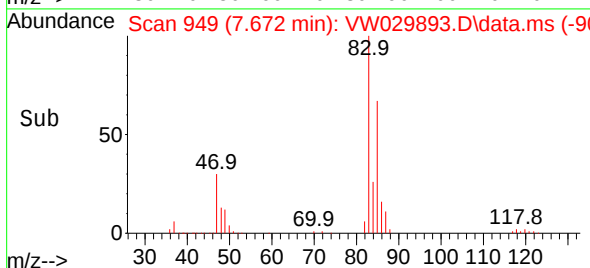
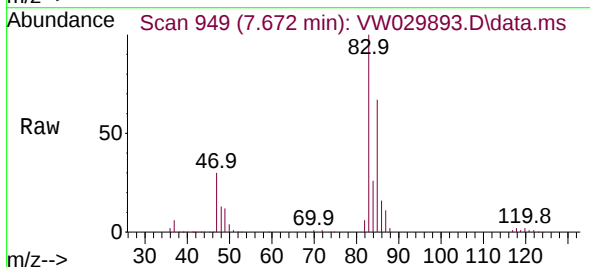


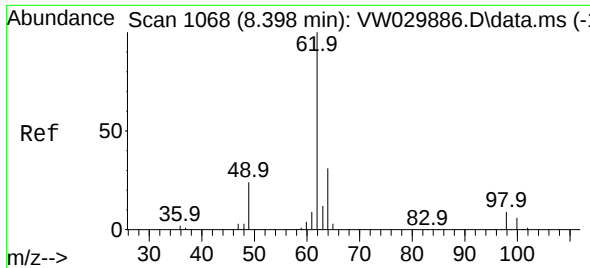
Tgt Ion:128 Resp: 39997
Ion Ratio Lower Upper
128 100
49 154.0 151.1 280.7
130 124.5 96.8 179.8
51 53.0 54.6 82.0#



#25
Chloroform
Concen: 26.103 ug/L
RT: 7.672 min Scan# 949
Delta R.T. -0.000 min
Lab File: VW029893.D
Acq: 12 Aug 2024 16:39

Tgt Ion: 83 Resp: 168650
Ion Ratio Lower Upper
83 100
85 67.3 44.4 82.4





#27

1,2-Dichloroethane

Concen: 24.105 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW029893.D

Acq: 12 Aug 2024 16:39

Instrument :

MSVOA_W

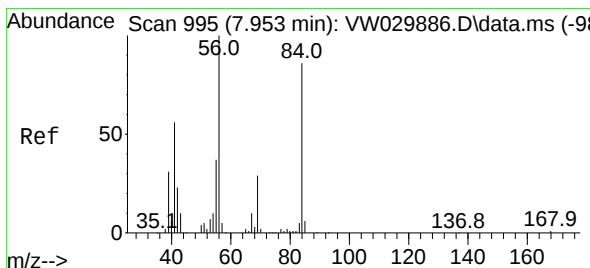
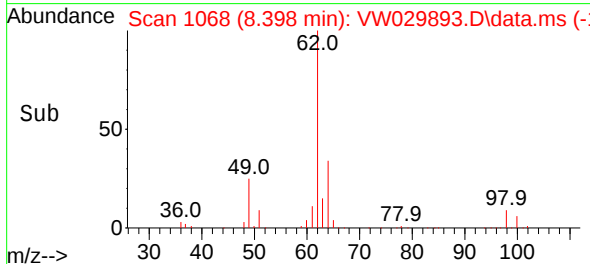
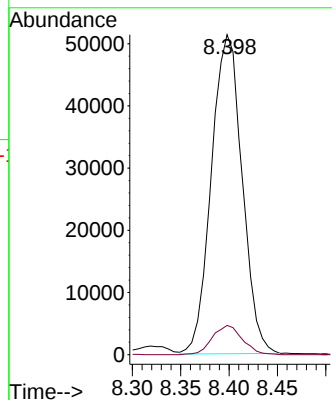
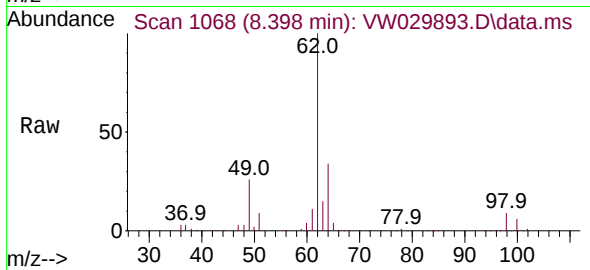
ClientSampleId :

Tgt Ion: 62 Resp: 113502

Ion Ratio Lower Upper

62 100

98 9.1 6.6 10.0



#29

Cyclohexane

Concen: 19.204 ug/L

RT: 7.953 min Scan# 995

Delta R.T. -0.000 min

Lab File: VW029893.D

Acq: 12 Aug 2024 16:39

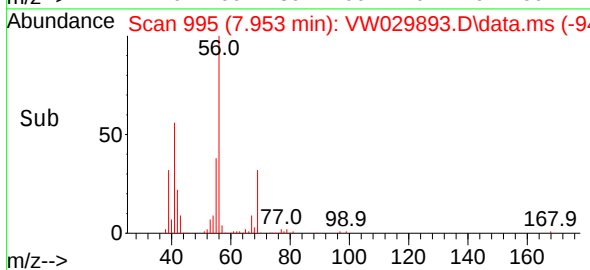
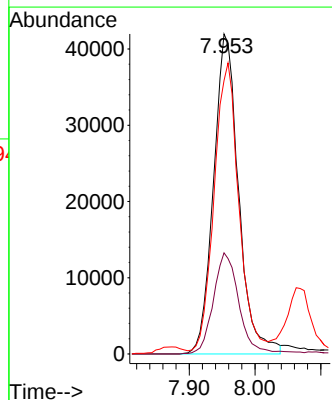
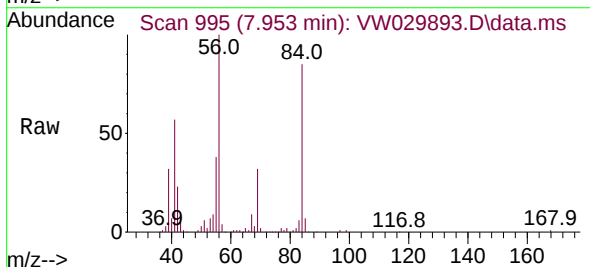
Tgt Ion: 56 Resp: 111412

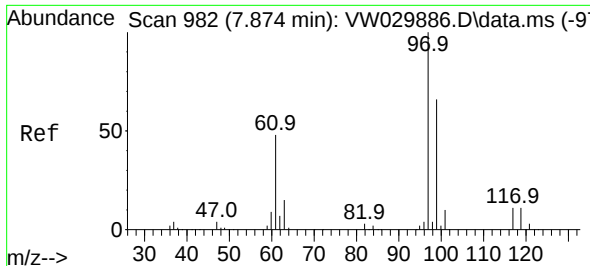
Ion Ratio Lower Upper

56 100

69 31.8 23.0 34.4

84 90.0 63.5 95.3





#30

1,1,1-Trichloroethane

Concen: 25.211 ug/L

RT: 7.874 min Scan# 9

Delta R.T. -0.000 min

Lab File: VW029893.D

Acq: 12 Aug 2024 16:39

Instrument :

MSVOA_W

ClientSampleId :

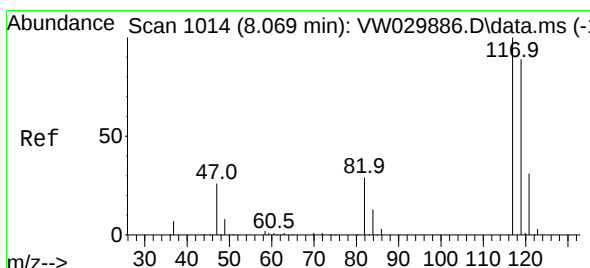
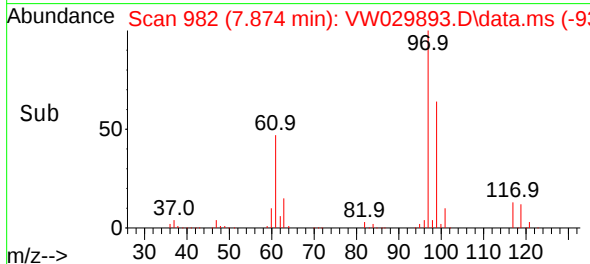
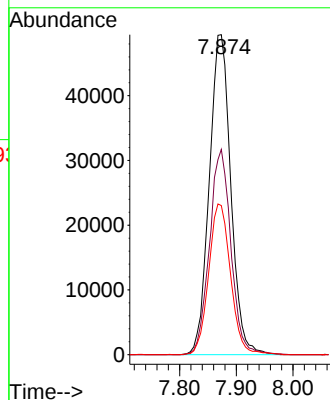
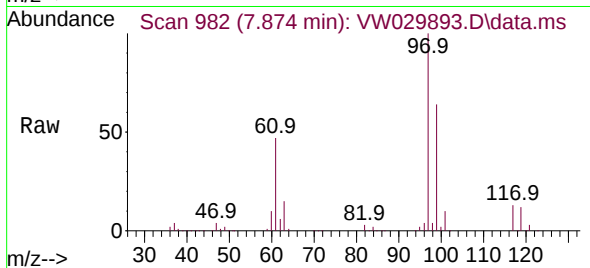
Tgt Ion: 97 Resp: 130333

Ion Ratio Lower Upper

97 100

99 64.1 52.1 78.1

61 48.0 42.6 63.8



#31

Carbon tetrachloride

Concen: 24.417 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.000 min

Lab File: VW029893.D

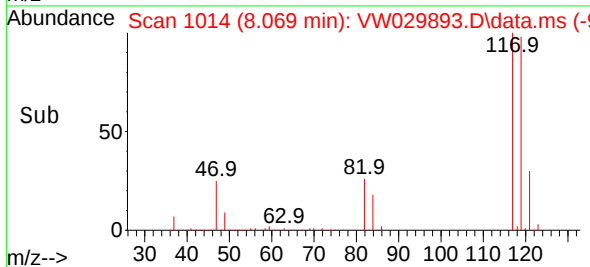
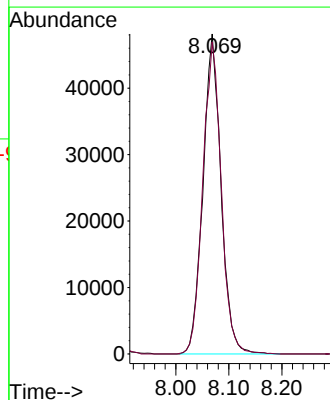
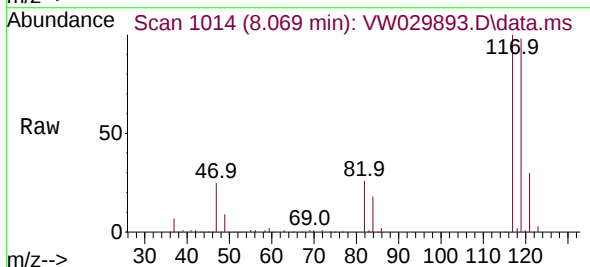
Acq: 12 Aug 2024 16:39

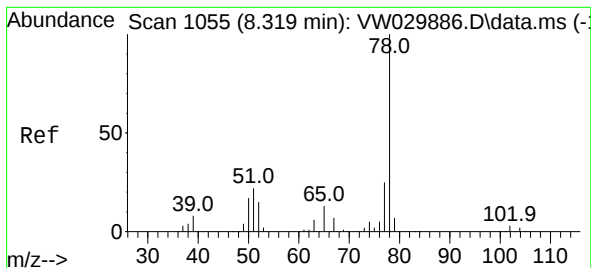
Tgt Ion: 117 Resp: 113742

Ion Ratio Lower Upper

117 100

119 99.7 74.8 112.2





#33

Benzene

Concen: 24.189 ug/L

RT: 8.319 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029893.D

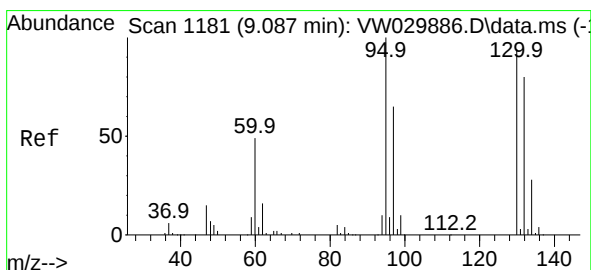
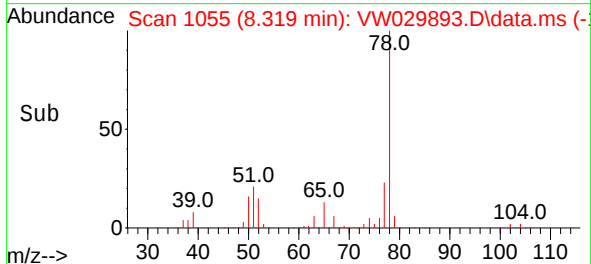
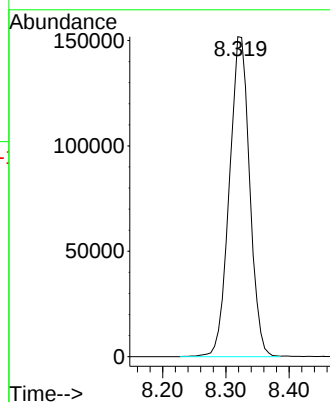
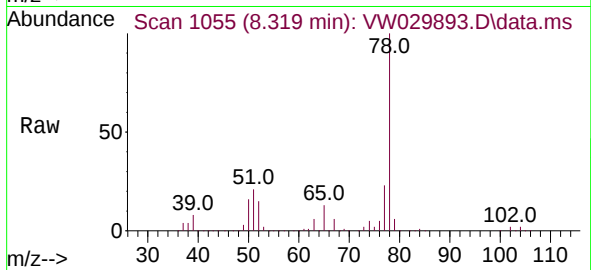
Acq: 12 Aug 2024 16:39

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 78 Resp: 338346



#34

Trichloroethene

Concen: 24.926 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.006 min

Lab File: VW029893.D

Acq: 12 Aug 2024 16:39

Tgt Ion: 95 Resp: 91399

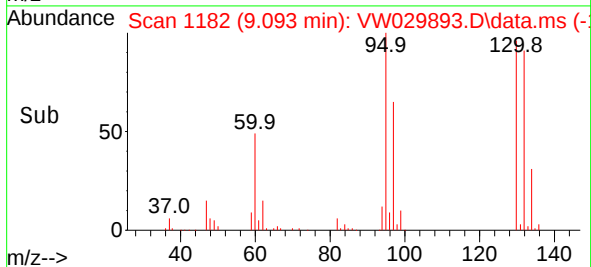
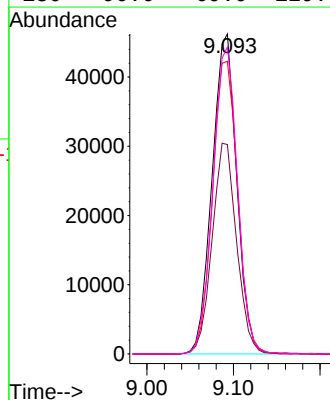
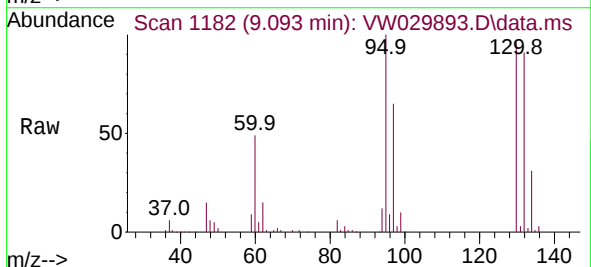
Ion Ratio Lower Upper

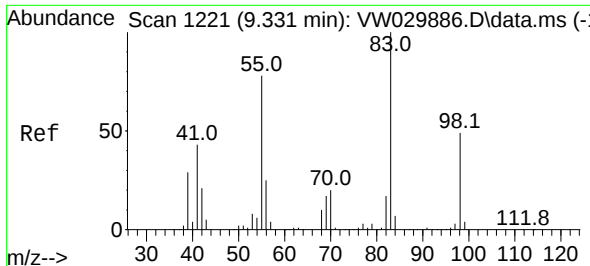
95 100

97 65.4 45.6 84.8

132 91.5 65.2 121.0

130 96.0 69.9 129.7





#35

Methylcyclohexane

Concen: 22.862 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.000 min

Lab File: VW029893.D

Acq: 12 Aug 2024 16:39

Instrument :

MSVOA_W

ClientSampleId :

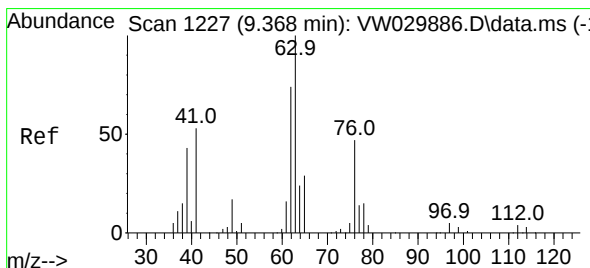
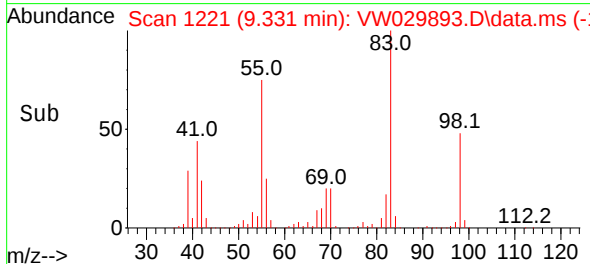
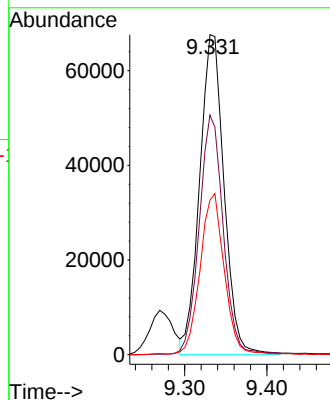
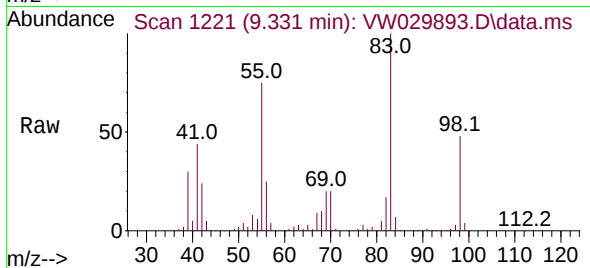
Tgt Ion: 83 Resp: 139690

Ion Ratio Lower Upper

83 100

55 73.1 67.4 101.2

98 49.7 36.7 55.1



#37

1,2-Dichloropropane

Concen: 22.632 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW029893.D

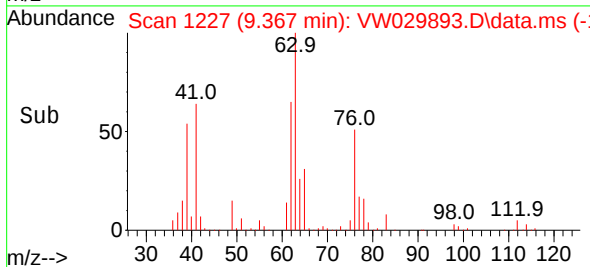
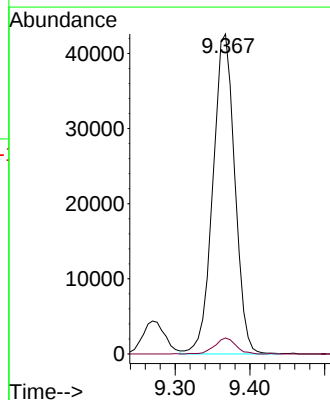
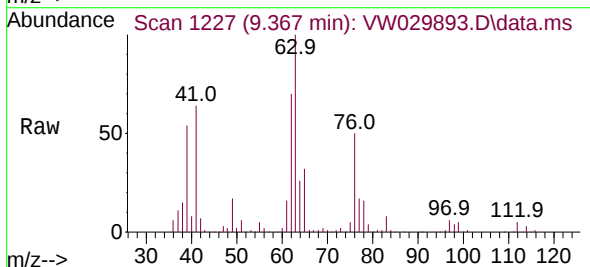
Acq: 12 Aug 2024 16:39

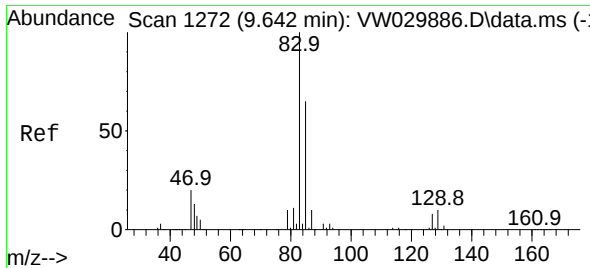
Tgt Ion: 63 Resp: 86750

Ion Ratio Lower Upper

63 100

112 4.8 3.3 4.9

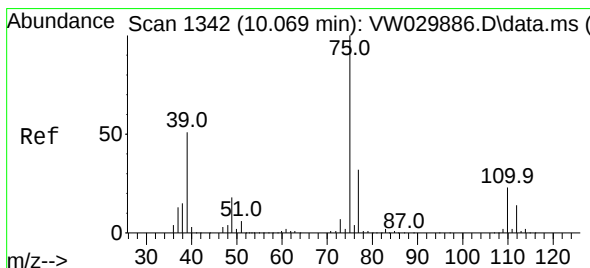
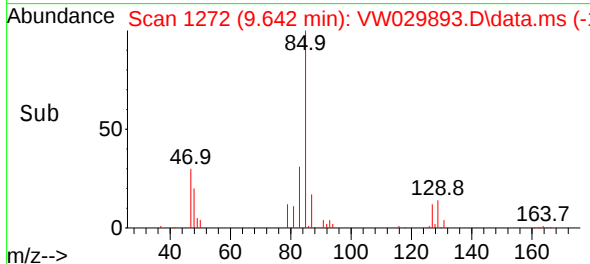
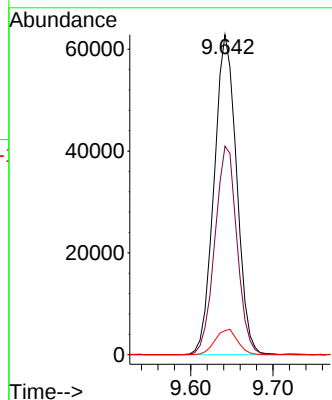
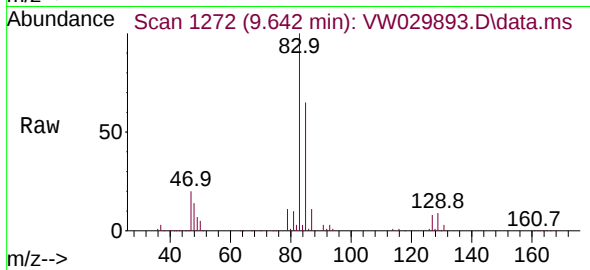




#38
Bromodichloromethane
Concen: 26.142 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VW029893.D
Acq: 12 Aug 2024 16:39

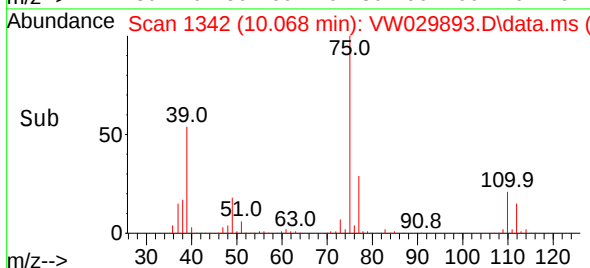
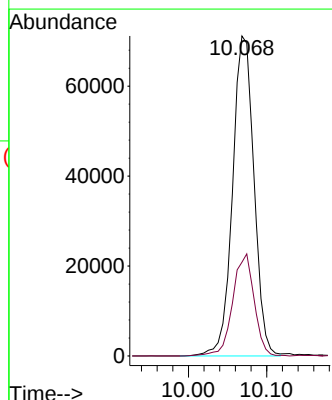
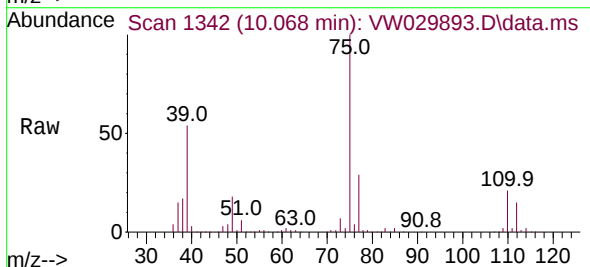
Instrument :
MSVOA_W
ClientSampleId :

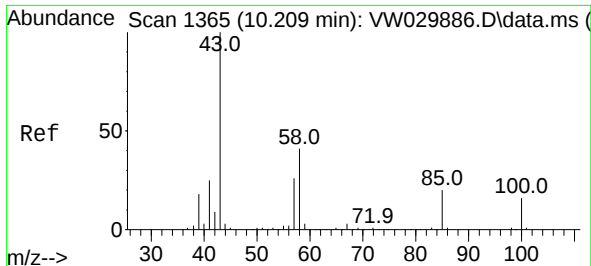
Tgt Ion: 83 Resp: 119326
Ion Ratio Lower Upper
83 100
85 65.1 46.6 86.6
127 7.5 5.9 8.9



#39
cis-1,3-Dichloropropene
Concen: 24.231 ug/L
RT: 10.068 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VW029893.D
Acq: 12 Aug 2024 16:39

Tgt Ion: 75 Resp: 135266
Ion Ratio Lower Upper
75 100
77 29.3 20.8 38.6





#40

4-Methyl-2-pentanone

Concen: 40.061 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW029893.D

Acq: 12 Aug 2024 16:39

Instrument :

MSVOA_W

ClientSampleId :

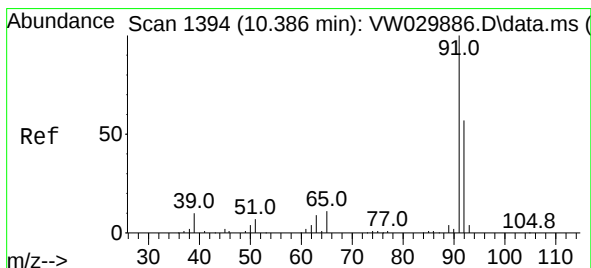
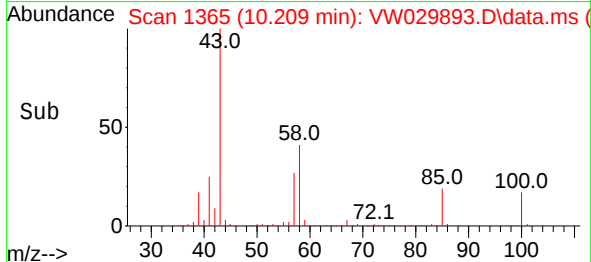
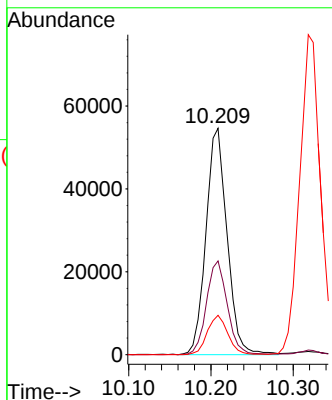
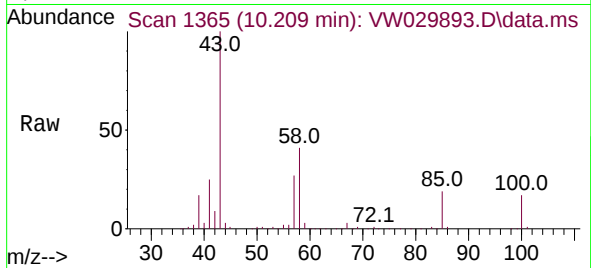
Tgt Ion: 43 Resp: 97538

Ion Ratio Lower Upper

43 100

58 40.8 28.7 43.1

100 16.9 10.0 15.0#



#42

Toluene

Concen: 25.907 ug/L

RT: 10.385 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW029893.D

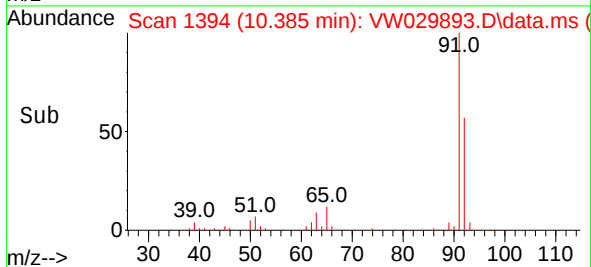
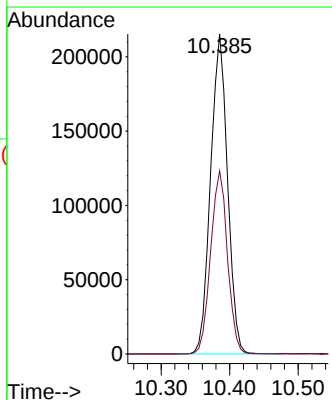
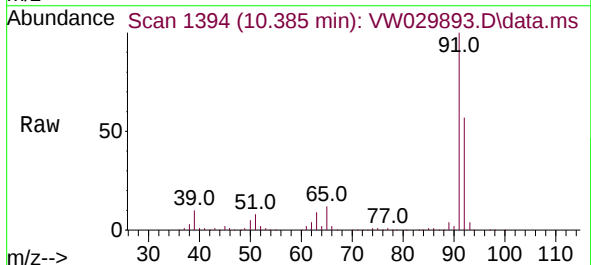
Acq: 12 Aug 2024 16:39

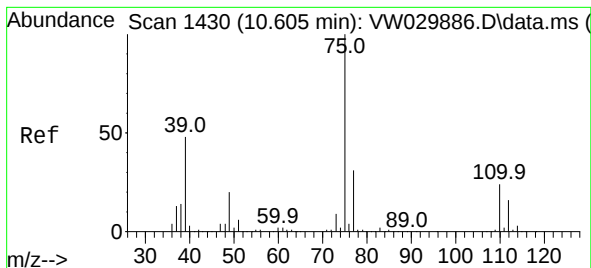
Tgt Ion: 91 Resp: 369891

Ion Ratio Lower Upper

91 100

92 57.2 39.5 73.4





#44

trans-1,3-Dichloropropene

Concen: 24.698 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW029893.D

Acq: 12 Aug 2024 16:39

Instrument :

MSVOA_W

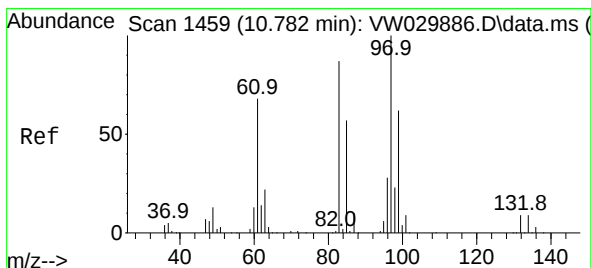
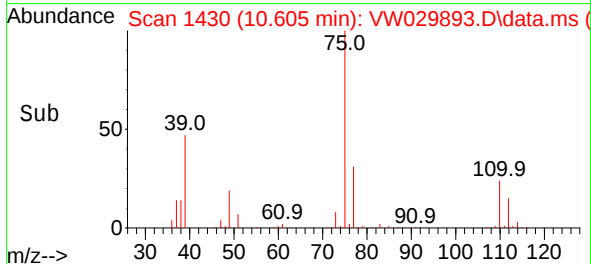
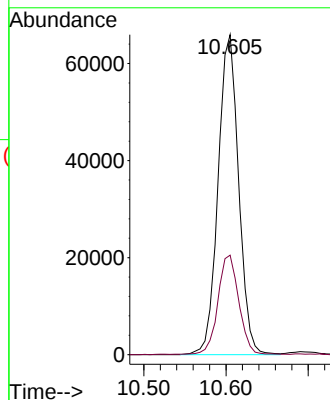
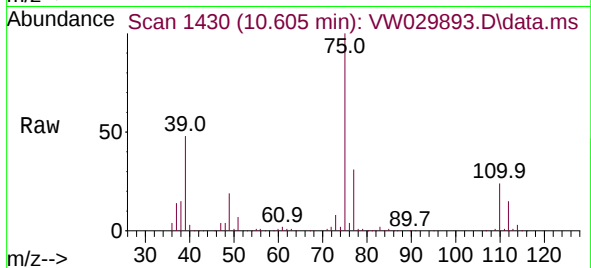
ClientSampleId :

Tgt Ion: 75 Resp: 114456

Ion Ratio Lower Upper

75 100

77 31.1 22.0 41.0



#45

1,1,2-Trichloroethane

Concen: 26.337 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VW029893.D

Acq: 12 Aug 2024 16:39

Tgt Ion: 97 Resp: 67820

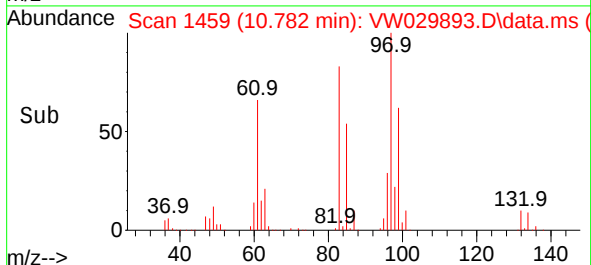
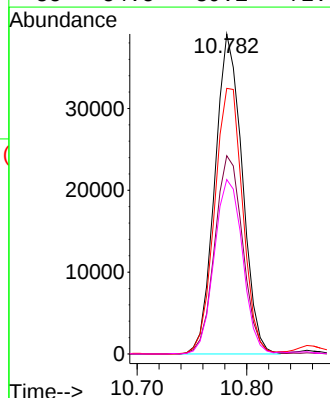
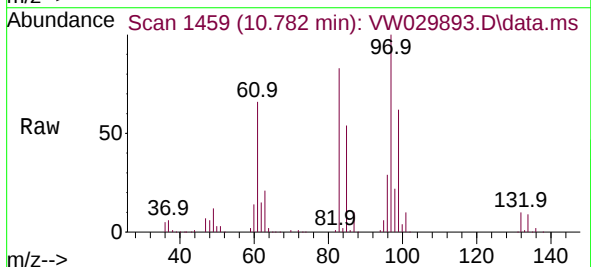
Ion Ratio Lower Upper

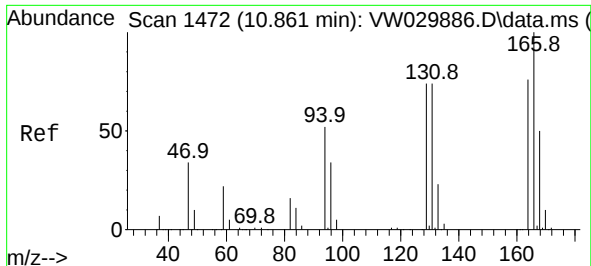
97 100

99 62.0 40.1 74.5

83 83.0 58.5 108.7

85 54.5 39.1 72.7





#46

Tetrachloroethene

Concen: 23.635 ug/L

RT: 10.855 min Scan# 1471

Delta R.T. -0.006 min

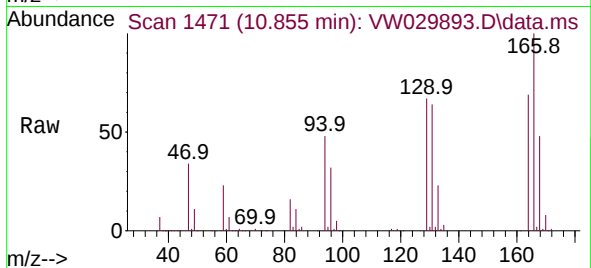
Lab File: VW029893.D

Acq: 12 Aug 2024 16:39

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:164 Resp: 62990

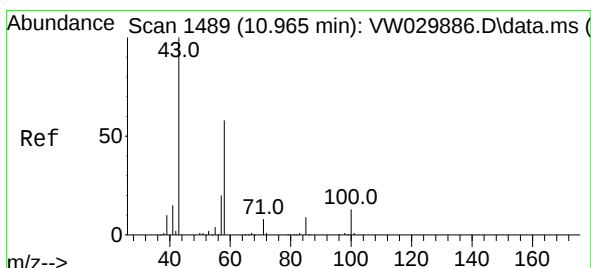
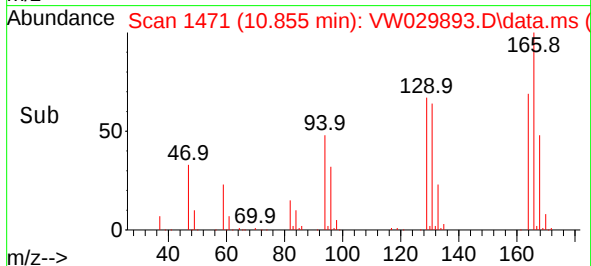
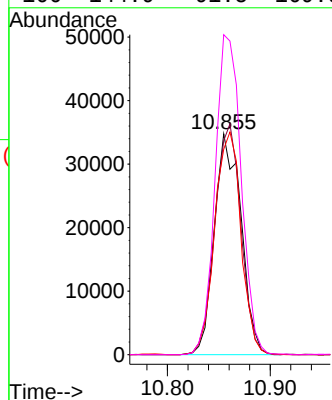
Ion Ratio Lower Upper

164 100

129 97.0 77.8 144.6

131 93.1 70.9 131.7

166 144.9 91.5 169.9



#48

2-Hexanone

Concen: 38.972 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. -0.000 min

Lab File: VW029893.D

Acq: 12 Aug 2024 16:39

Tgt Ion: 43 Resp: 71066

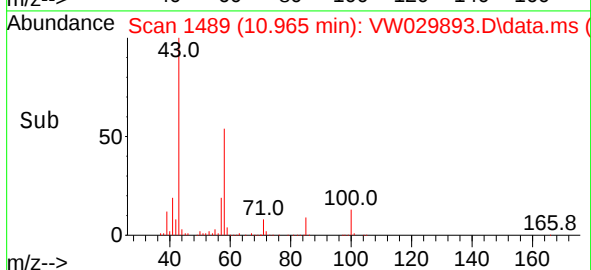
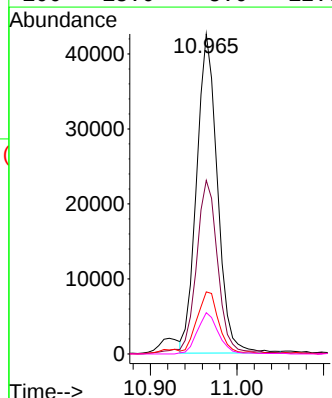
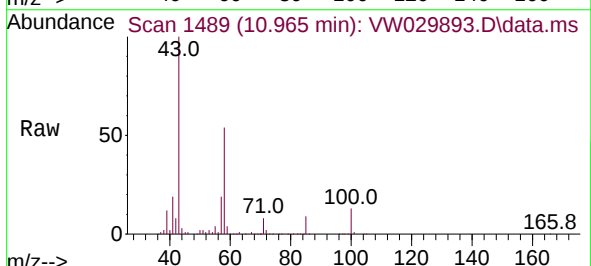
Ion Ratio Lower Upper

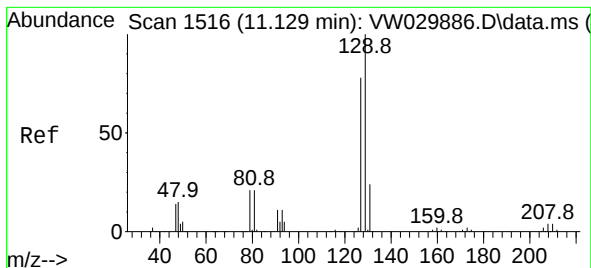
43 100

58 54.8 41.0 61.4

57 20.2 14.1 21.1

100 13.0 8.0 12.0#





#49

Dibromochloromethane

Concen: 28.206 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. -0.006 min

Lab File: VW029893.D

Acq: 12 Aug 2024 16:39

Instrument :

MSVOA_W

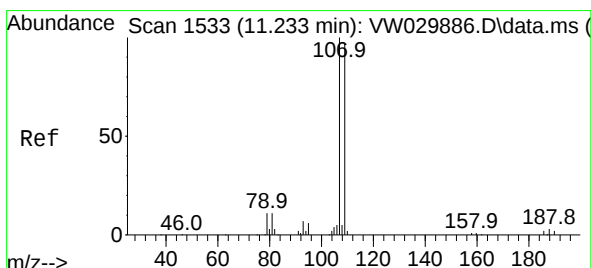
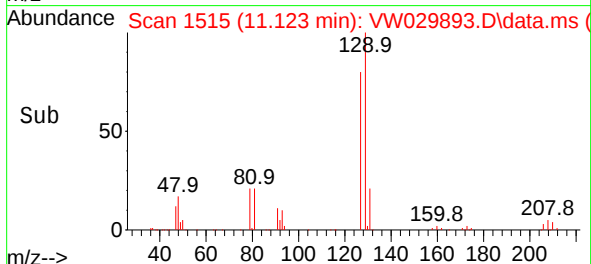
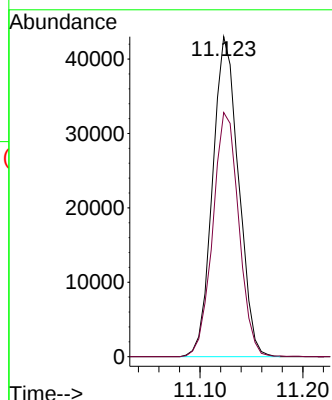
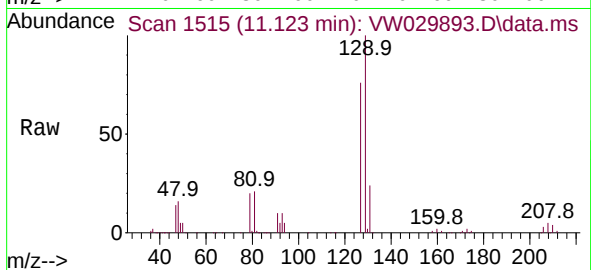
ClientSampleId :

Tgt Ion:129 Resp: 75402

Ion Ratio Lower Upper

129 100

127 76.3 52.4 97.2



#50

1,2-Dibromoethane

Concen: 26.477 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW029893.D

Acq: 12 Aug 2024 16:39

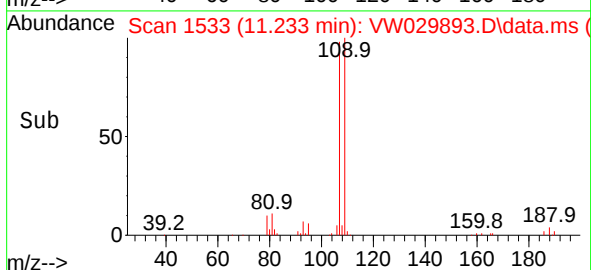
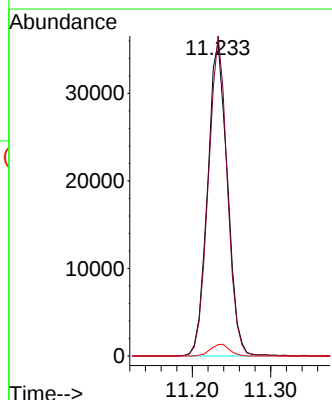
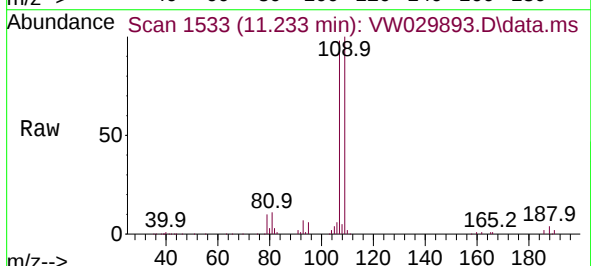
Tgt Ion:107 Resp: 63085

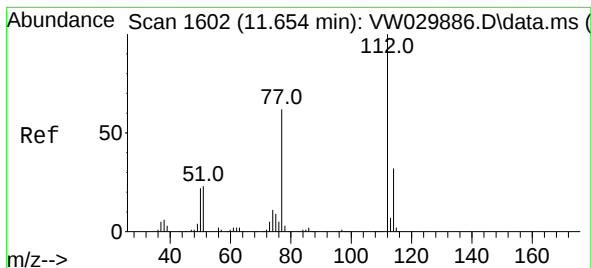
Ion Ratio Lower Upper

107 100

109 102.2 64.8 120.3

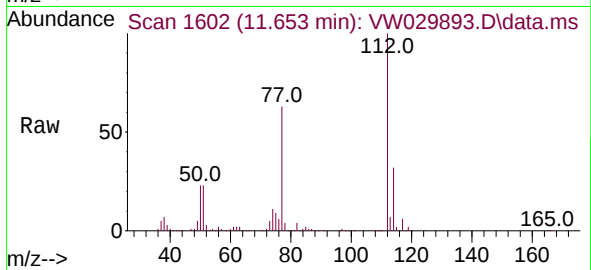
188 3.6 2.7 4.1



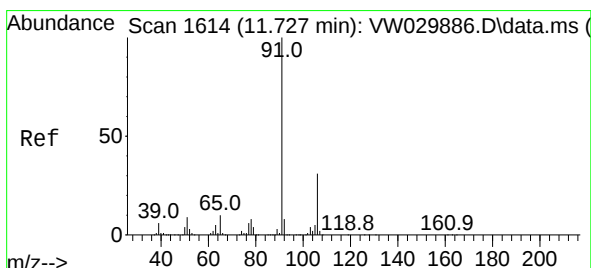
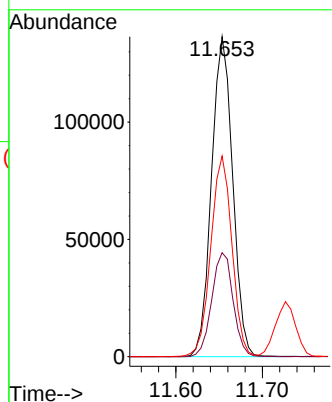
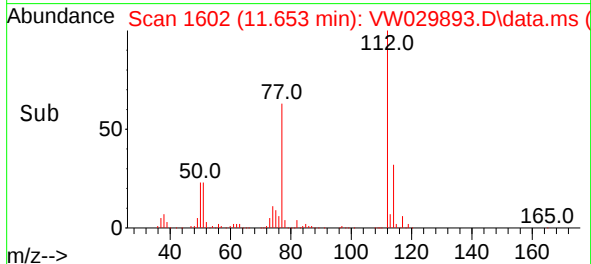


#51
Chlorobenzene
Concen: 26.073 ug/L
RT: 11.653 min Scan# 1160
Delta R.T. -0.000 min
Lab File: VW029893.D
Acq: 12 Aug 2024 16:39

Instrument :
MSVOA_W
ClientSampleId :

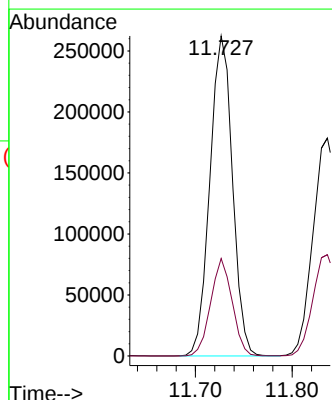
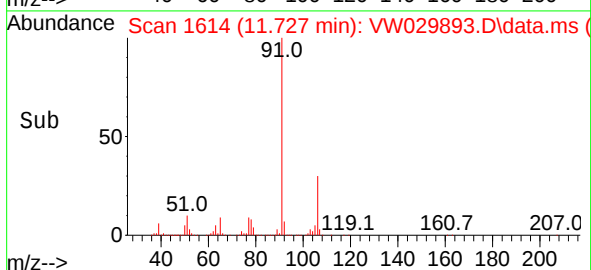
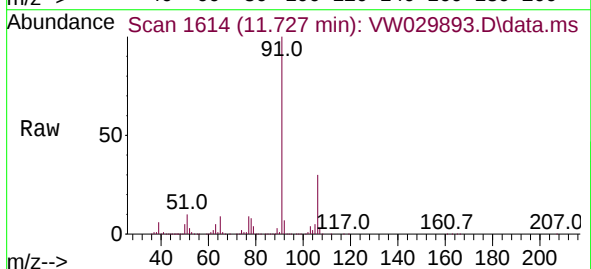


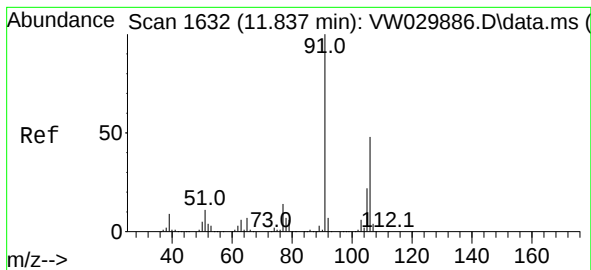
Tgt Ion:112 Resp: 231556
Ion Ratio Lower Upper
112 100
114 32.5 22.0 40.8
77 62.7 53.8 80.8



#52
Ethylbenzene
Concen: 26.429 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW029893.D
Acq: 12 Aug 2024 16:39

Tgt Ion: 91 Resp: 425654
Ion Ratio Lower Upper
91 100
106 30.5 20.4 38.0

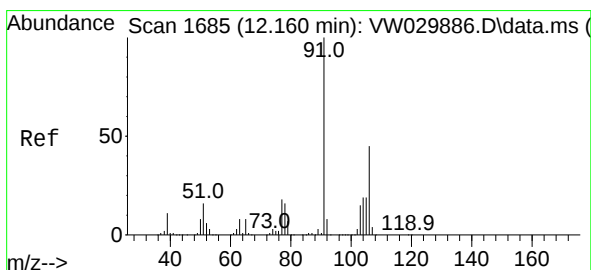
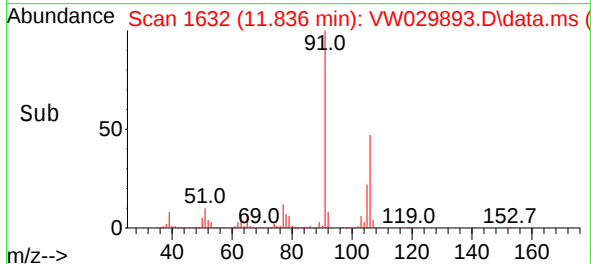
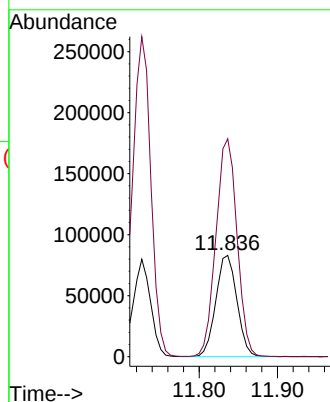
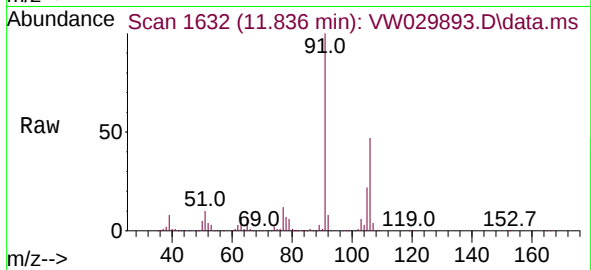




#53
m,p-Xylene
Concen: 26.240 ug/L
RT: 11.836 min Scan# 1183
Delta R.T. -0.000 min
Lab File: VW029893.D
Acq: 12 Aug 2024 16:39

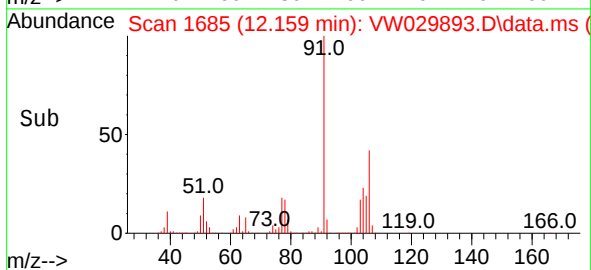
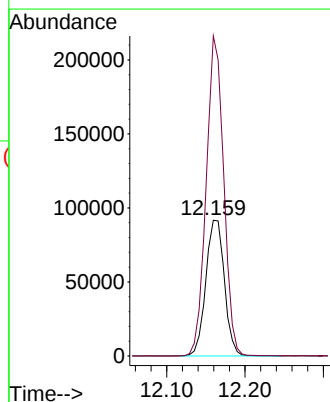
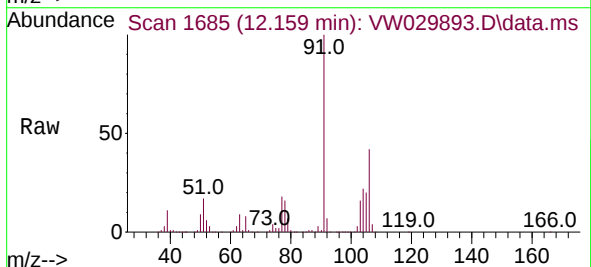
Instrument :
MSVOA_W
ClientSampleId :

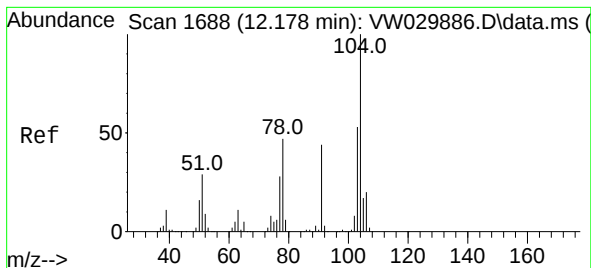
Tgt Ion:106 Resp: 155424
Ion Ratio Lower Upper
106 100
91 215.0 151.4 281.2



#54
o-Xylene
Concen: 27.674 ug/L
RT: 12.159 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW029893.D
Acq: 12 Aug 2024 16:39

Tgt Ion:106 Resp: 150948
Ion Ratio Lower Upper
106 100
91 235.8 155.8 289.4





#55

Styrene

Concen: 27.990 ug/L

RT: 12.178 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029893.D

Acq: 12 Aug 2024 16:39

Instrument :

MSVOA_W

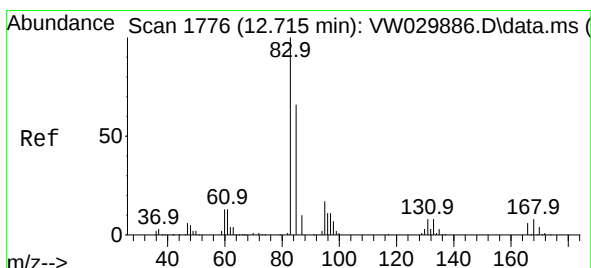
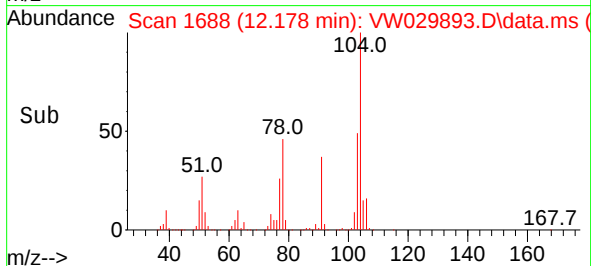
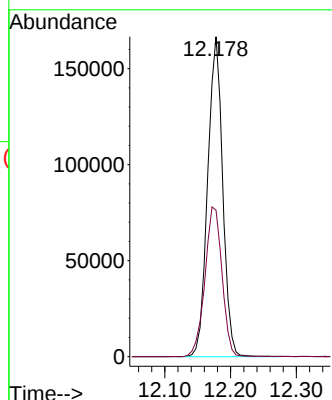
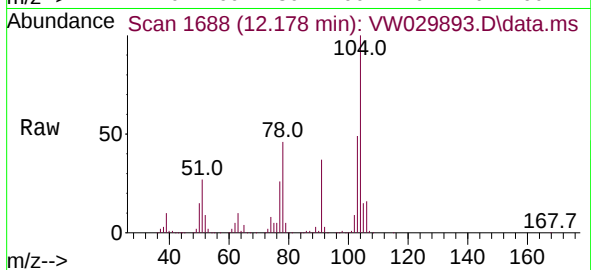
ClientSampleId :

Tgt Ion:104 Resp: 264631

Ion Ratio Lower Upper

104 100

78 45.8 33.3 61.9



#57

1,1,2,2-Tetrachloroethane

Concen: 25.835 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. -0.006 min

Lab File: VW029893.D

Acq: 12 Aug 2024 16:39

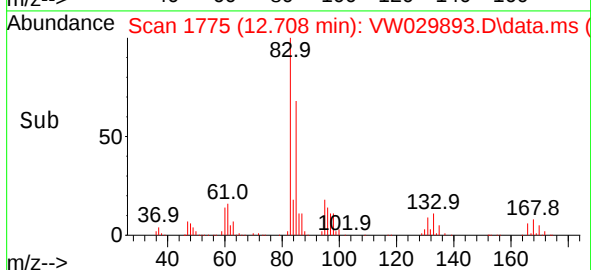
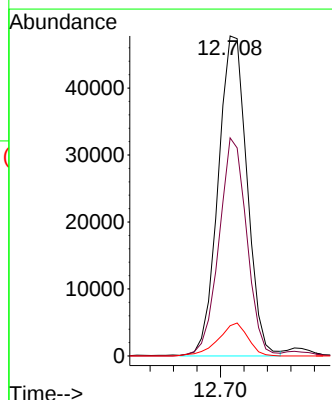
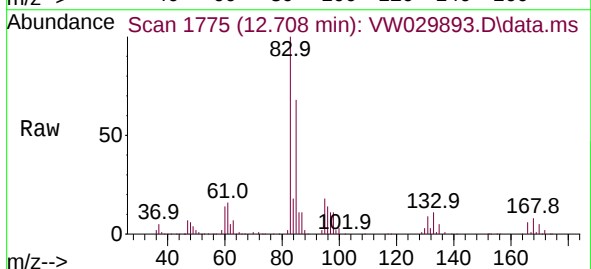
Tgt Ion: 83 Resp: 81656

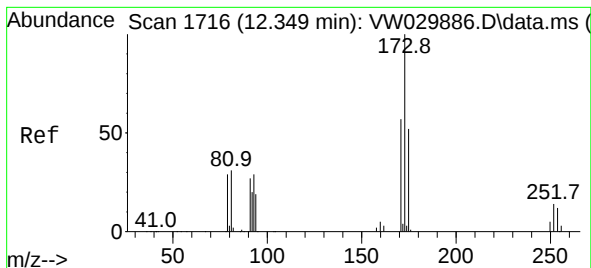
Ion Ratio Lower Upper

83 100

85 68.2 44.2 82.0

131 9.4 6.2 9.2#





#59

Bromoform

Concen: 28.718 ug/L

RT: 12.348 min Scan# 1716

Delta R.T. -0.000 min

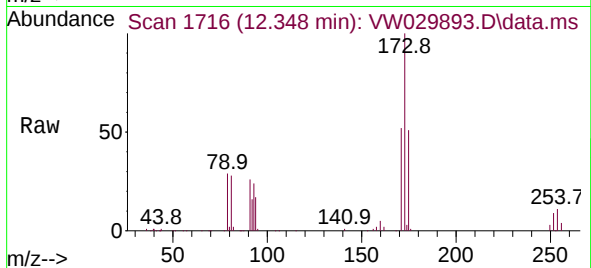
Lab File: VW029893.D

Acq: 12 Aug 2024 16:39

Instrument :

MSVOA_W

ClientSampleId :



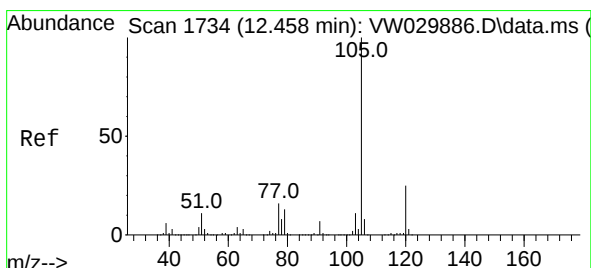
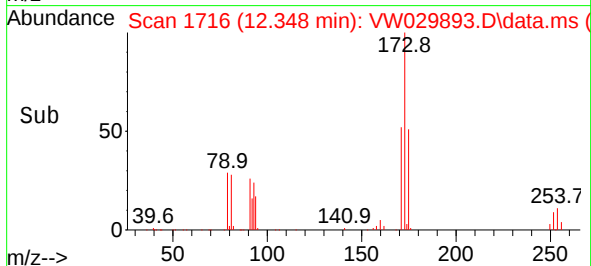
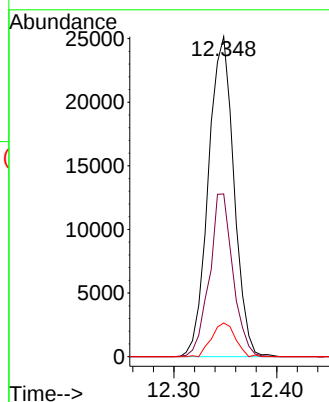
Tgt Ion:173 Resp: 43519

Ion Ratio Lower Upper

173 100

175 46.8 38.1 57.1

254 9.5 7.8 11.6



#60

Isopropylbenzene

Concen: 26.846 ug/L

RT: 12.458 min Scan# 1734

Delta R.T. -0.000 min

Lab File: VW029893.D

Acq: 12 Aug 2024 16:39

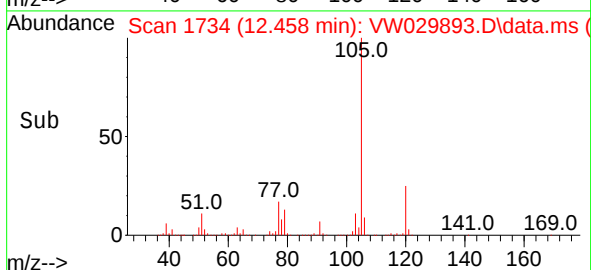
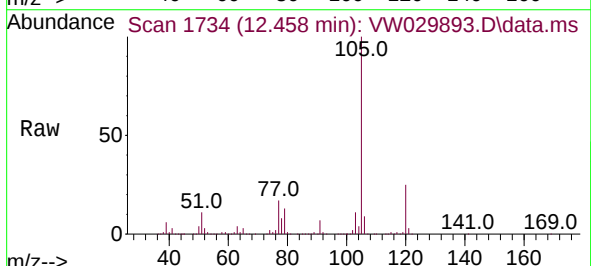
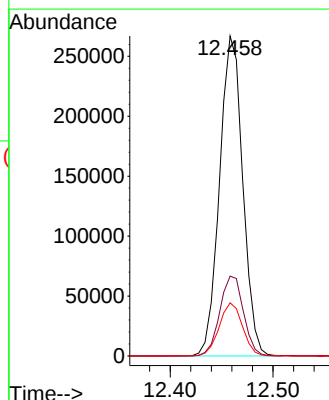
Tgt Ion:105 Resp: 418363

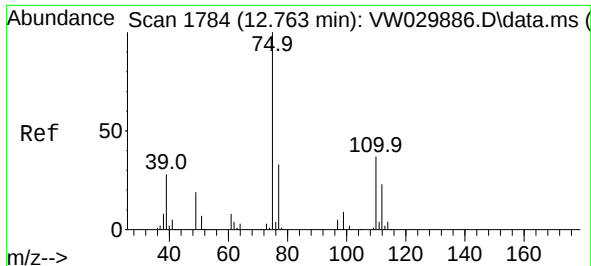
Ion Ratio Lower Upper

105 100

120 25.5 20.3 30.5

77 16.6 14.0 21.0





#61

1,2,3-Trichloropropane

Concen: 23.426 ug/L

RT: 12.763 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029893.D

Acq: 12 Aug 2024 16:39

Instrument :

MSVOA_W

ClientSampleId :

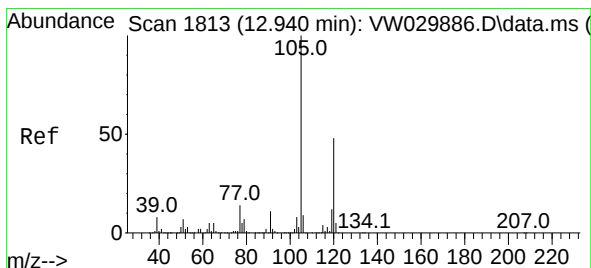
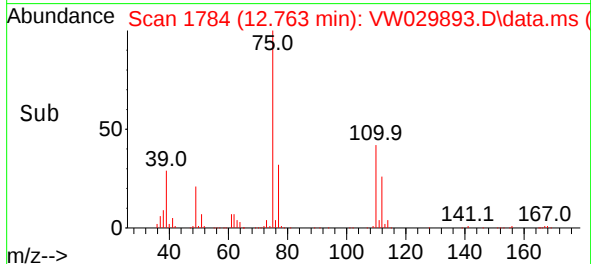
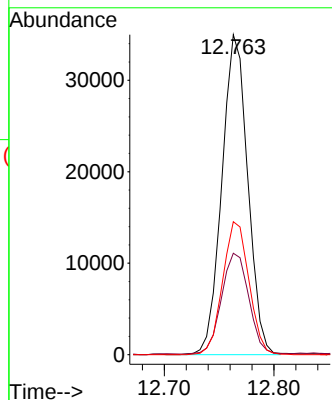
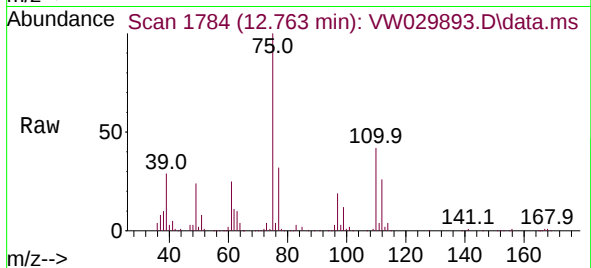
Tgt Ion: 75 Resp: 57379

Ion Ratio Lower Upper

75 100

77 33.4 25.4 38.0

110 42.3 28.6 43.0



#62

1,3,5-Trimethylbenzene

Concen: 30.294 ug/L

RT: 12.934 min Scan# 1812

Delta R.T. -0.006 min

Lab File: VW029893.D

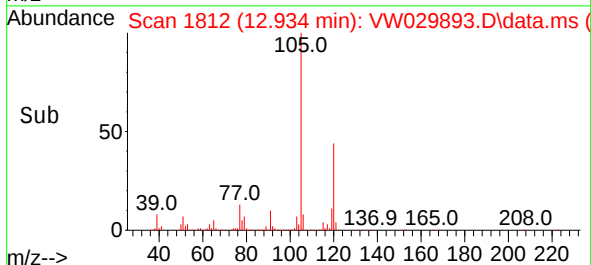
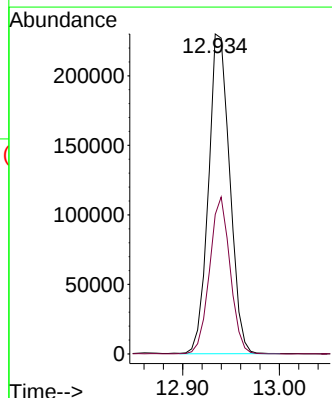
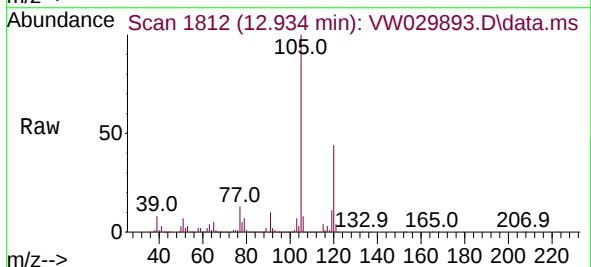
Acq: 12 Aug 2024 16:39

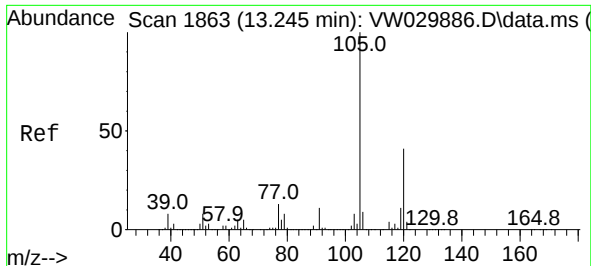
Tgt Ion:105 Resp: 350916

Ion Ratio Lower Upper

105 100

120 47.5 38.2 57.2





#63

1,2,4-Trimethylbenzene

Concen: 27.949 ug/L

RT: 13.245 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029893.D

Acq: 12 Aug 2024 16:39

Instrument :

MSVOA_W

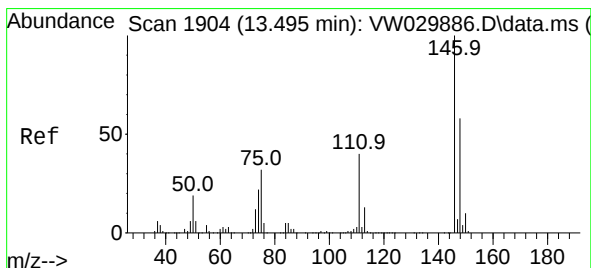
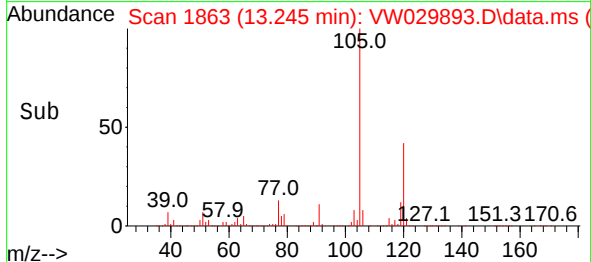
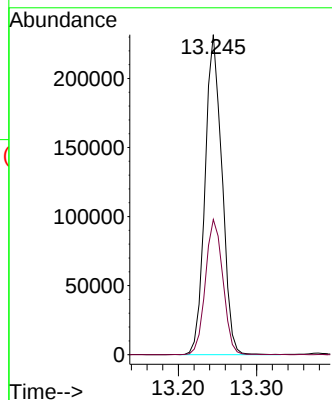
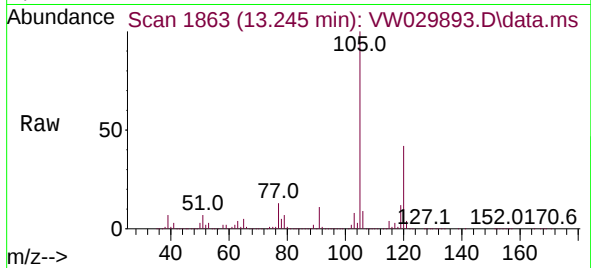
ClientSampleId :

Tgt Ion:105 Resp: 346241

Ion Ratio Lower Upper

105 100

120 43.5 35.4 53.0



#64

1,3-Dichlorobenzene

Concen: 27.607 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW029893.D

Acq: 12 Aug 2024 16:39

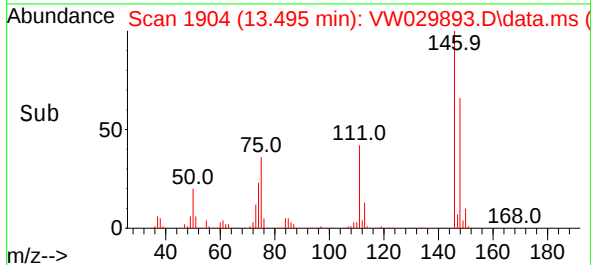
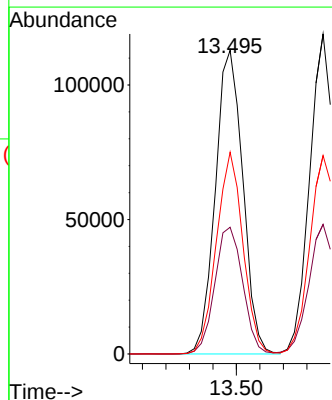
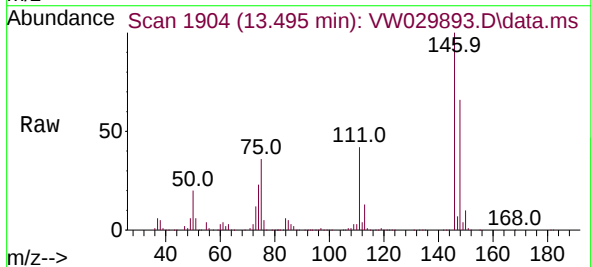
Tgt Ion:146 Resp: 183561

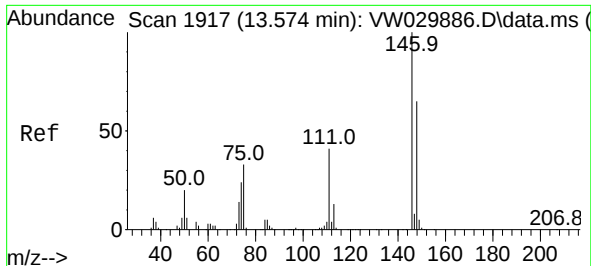
Ion Ratio Lower Upper

146 100

111 41.7 28.7 53.3

148 66.4 43.4 80.6

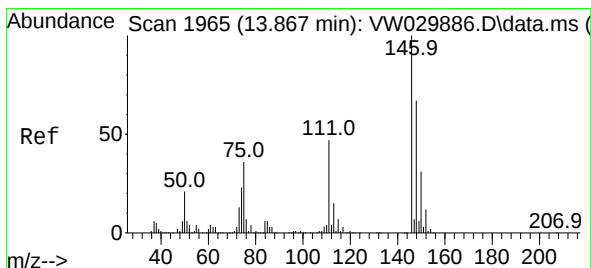
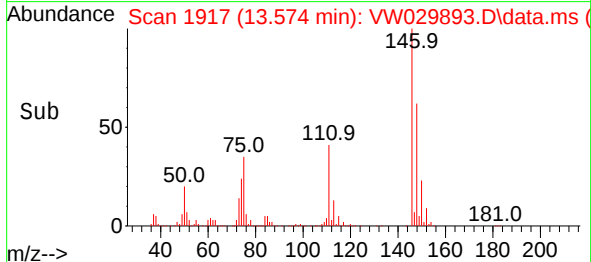
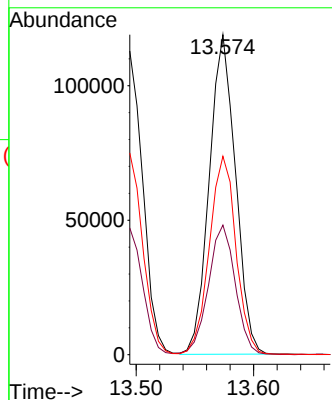
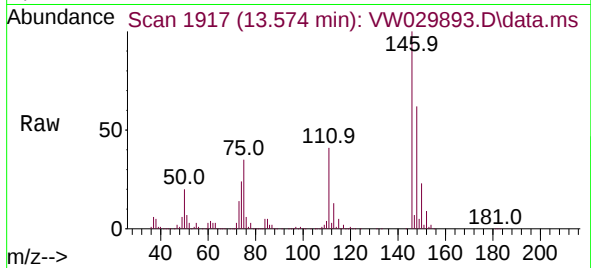




#65
1,4-Dichlorobenzene
Concen: 27.020 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW029893.D
Acq: 12 Aug 2024 16:39

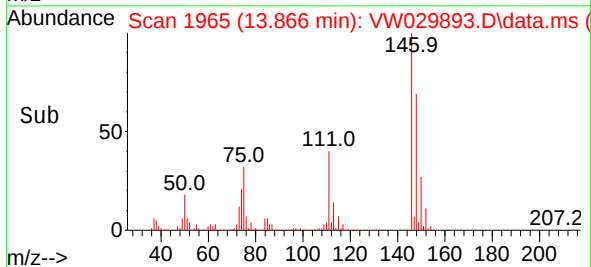
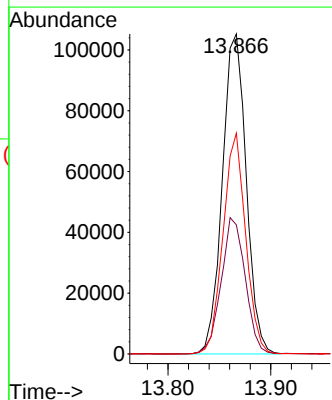
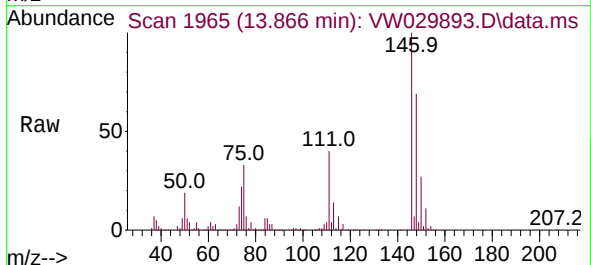
Instrument :
MSVOA_W
ClientSampleId :

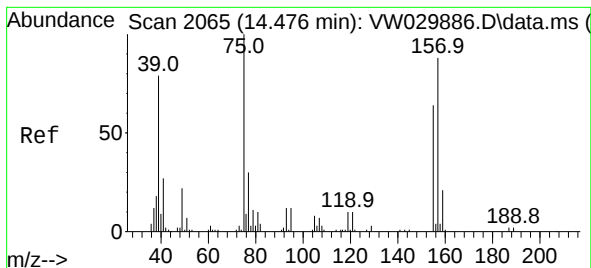
Tgt Ion:146 Resp: 184542
Ion Ratio Lower Upper
146 100
111 40.5 30.1 55.9
148 62.0 45.4 84.4



#67
1,2-Dichlorobenzene
Concen: 28.098 ug/L
RT: 13.866 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW029893.D
Acq: 12 Aug 2024 16:39

Tgt Ion:146 Resp: 170090
Ion Ratio Lower Upper
146 100
111 40.3 35.8 53.8
148 69.0 52.6 78.8





#68

1,2-Dibromo-3-chloropropane

Concen: 23.040 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW029893.D

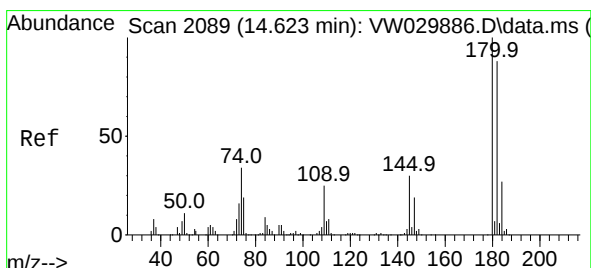
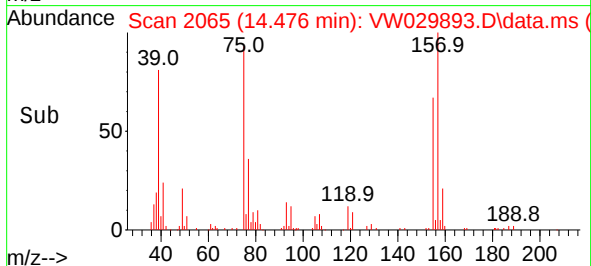
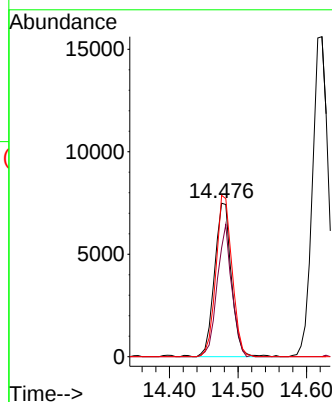
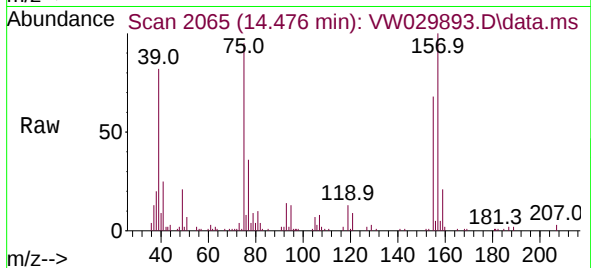
Acq: 12 Aug 2024 16:39

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	75	Resp:	12814
Ion	Ratio	Lower	Upper
75	100		
155	71.0	47.8	71.6
157	105.1	63.7	95.5#



#69

1,3,5-Trichlorobenzene

Concen: 26.523 ug/L

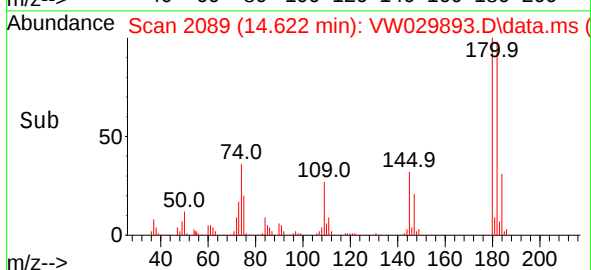
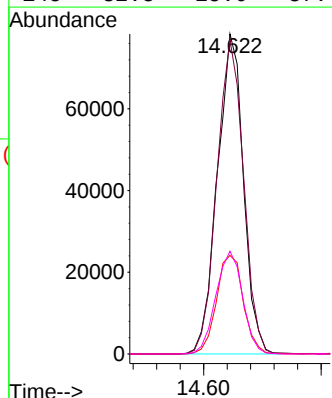
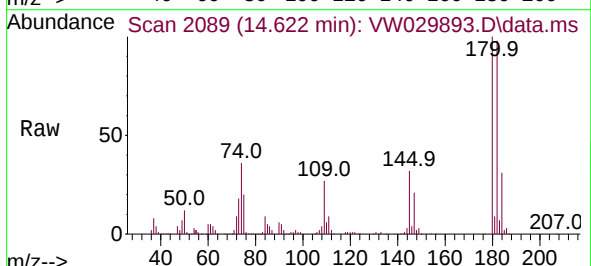
RT: 14.622 min Scan# 2089

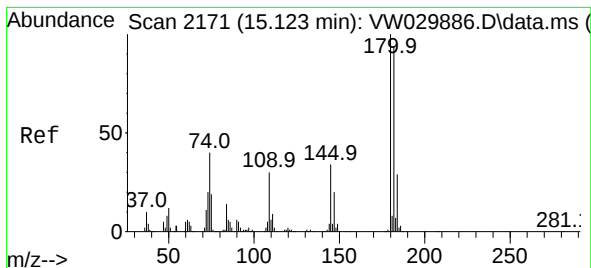
Delta R.T. -0.000 min

Lab File: VW029893.D

Acq: 12 Aug 2024 16:39

Tgt Ion:	180	Resp:	120659
Ion	Ratio	Lower	Upper
180	100		
182	100.1	72.7	109.1
184	31.8	23.3	34.9
145	32.8	25.0	37.4





#70

1,2,4-trichlorobenzene

Concen: 28.697 ug/L

RT: 15.128 min Scan# 2171

Delta R.T. 0.006 min

Lab File: VW029893.D

Acq: 12 Aug 2024 16:39

Instrument :

MSVOA_W

ClientSampleId :

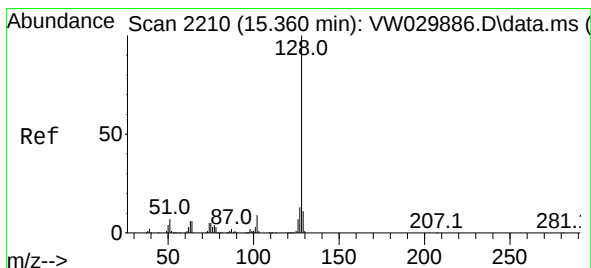
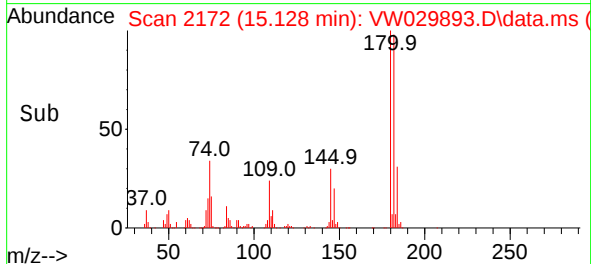
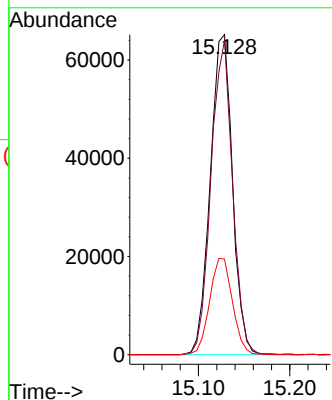
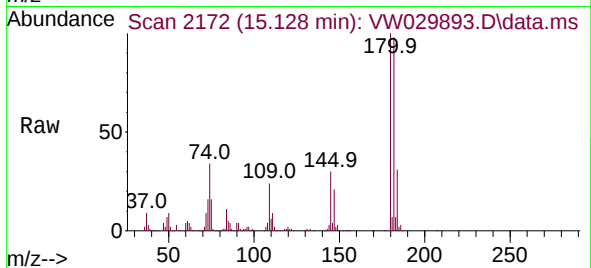
Tgt Ion:180 Resp: 109982

Ion Ratio Lower Upper

180 100

182 95.1 80.2 120.4

145 31.0 26.3 39.5



#71

Naphthalene

Concen: 28.968 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW029893.D

Acq: 12 Aug 2024 16:39

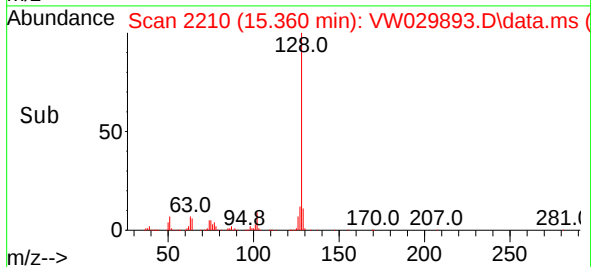
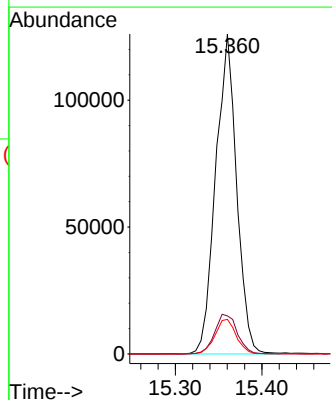
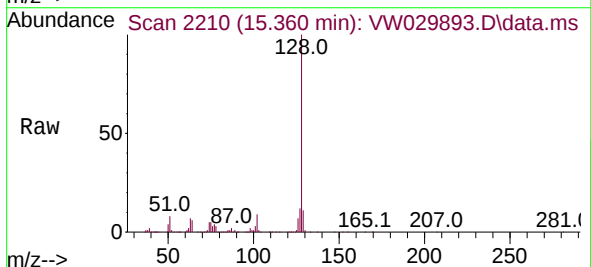
Tgt Ion:128 Resp: 211837

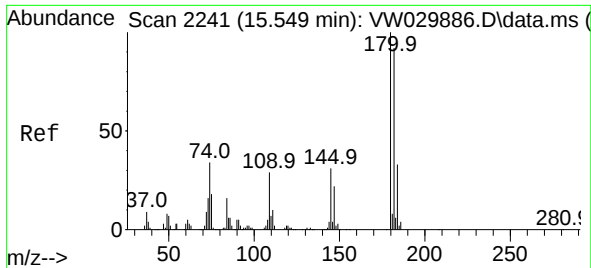
Ion Ratio Lower Upper

128 100

127 13.5 10.7 16.1

129 11.0 8.9 13.3





#72
 1,2,3-Trichlorobenzene
 Concen: 26.639 ug/L
 RT: 15.549 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW029893.D
 Acq: 12 Aug 2024 16:39

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:	180	Resp:	92408
Ion Ratio	Lower	Upper	
180	100		
182	98.7	74.0	111.0
145	36.2	27.5	41.3

