

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122724\
 Data File : VW031552.D
 Acq On : 27 Dec 2024 15:36
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 27 22:23:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 27 22:18:12 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	466520	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	412210	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	213843	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	136086	19.387	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.560%
7) Chloroethane-d5	2.899	69	122215	23.537	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.160%
11) 1,1-Dichloroethene-d2	4.021	65	60706	18.232	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.920%
21) 2-Butanone-d5	7.106	46	71074	53.766	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.540%
24) Chloroform-d	7.648	84	303105	23.713	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.840%
26) 1,2-Dichloroethane-d4	8.307	65	156476	24.375	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.520%
32) Benzene-d6	8.270	84	562982	21.309	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.240%
36) 1,2-Dichloropropane-d6	9.270	67	175693	22.817	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.280%
41) Toluene-d8	10.319	98	513347	20.886	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.560%
43) trans-1,3-Dichloroprop...	10.575	79	70413	19.832	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.320%
47) 2-Hexanone-d5	10.922	63	56170	54.243	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.480%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	138635	28.675	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.720%
66) 1,2-Dichlorobenzene-d4	13.848	152	188283	23.717	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	89939	21.332	ug/L	99
3) Chloromethane	2.216	50	101890	21.511	ug/L	99
5) Vinyl chloride	2.369	62	163110	24.849	ug/L	98
6) Bromomethane	2.789	94	107917	26.741	ug/L	99
8) Chloroethane	2.936	64	112956	28.936	ug/L	99
9) Trichlorofluoromethane	3.265	101	175961	25.163	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	141516	25.061	ug/L	93
12) 1,1-Dichloroethene	4.045	96	133866	23.407	ug/L	81
13) Acetone	4.173	43	93822	50.963	ug/L	# 100
14) Carbon disulfide	4.381	76	328109	17.591	ug/L	98
15) Methyl Acetate	4.692	43	51269	24.519	ug/L	98
16) Methylene chloride	4.917	84	167440	28.525	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	146435	23.753	ug/L	94
18) Methyl tert-butyl Ether	5.429	73	262402	25.461	ug/L	99
19) 1,1-Dichloroethane	6.216	63	284734	24.717	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	171421	25.701	ug/L	97
22) 2-Butanone	7.185	43	102271	45.848	ug/L	100
23) Bromochloromethane	7.514	128	69457	26.111	ug/L	97
25) Chloroform	7.673	83	303867	26.726	ug/L	96

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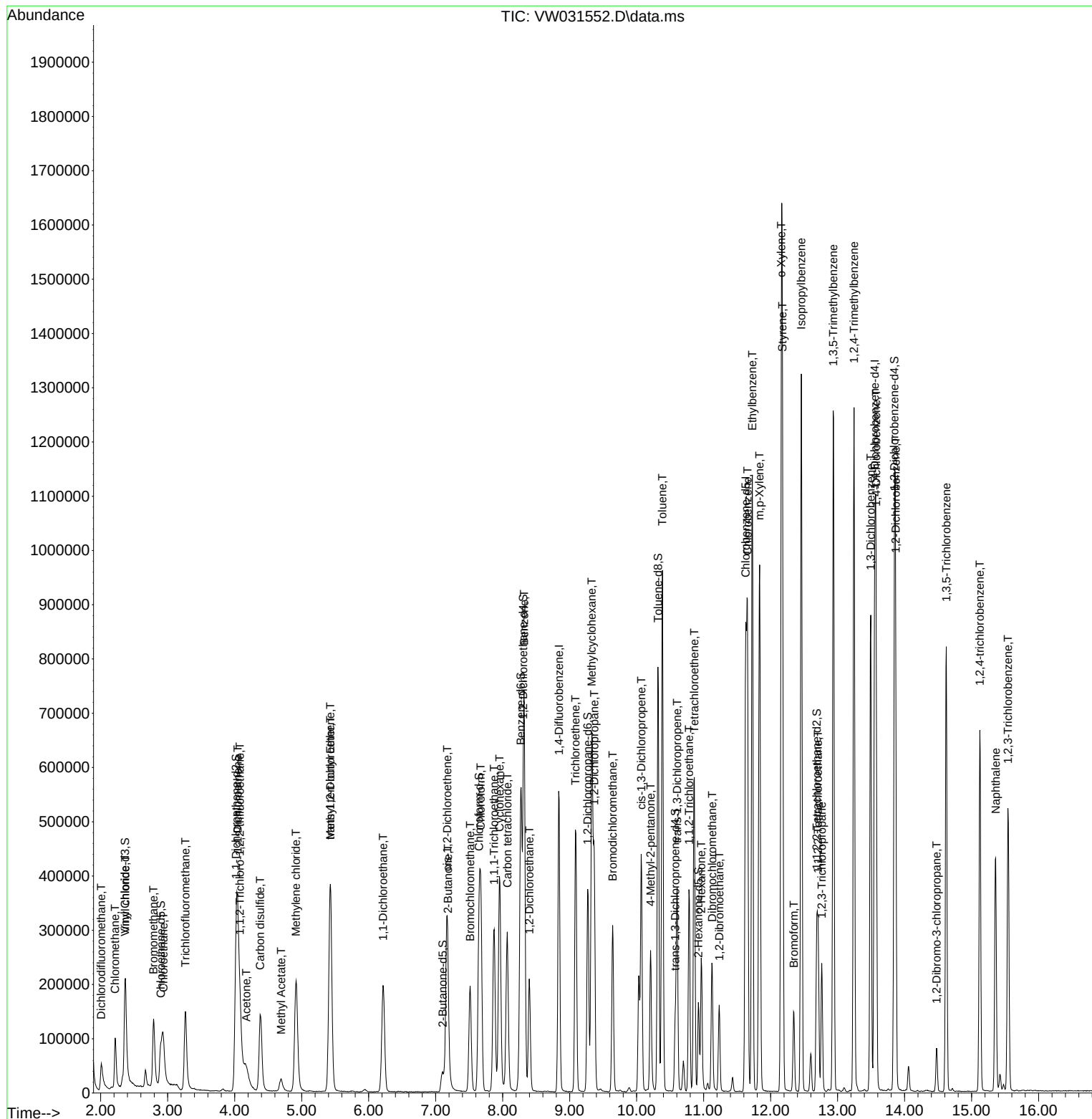
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	187152	26.183	ug/L	100
29) Cyclohexane	7.953	56	228637	20.453	ug/L	96
30) 1,1,1-Trichloroethane	7.874	97	246104	23.099	ug/L	99
31) Carbon tetrachloride	8.069	117	214210	22.567	ug/L	98
33) Benzene	8.319	78	628992	24.692	ug/L	100
34) Trichloroethene	9.087	95	173834	24.171	ug/L	94
35) Methylcyclohexane	9.331	83	279363	22.305	ug/L	97
37) 1,2-Dichloropropane	9.368	63	160018	25.181	ug/L	99
38) Bromodichloromethane	9.642	83	202545	24.517	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	252396	23.504	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	168342	49.931	ug/L	98
42) Toluene	10.386	91	687284	24.781	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	205272	23.411	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	115643	27.359	ug/L	98
46) Tetrachloroethene	10.861	164	131207	24.907	ug/L	95
48) 2-Hexanone	10.965	43	151570	52.859	ug/L	96
49) Dibromochloromethane	11.129	129	123946	24.738	ug/L	90
50) 1,2-Dibromoethane	11.233	107	107397	26.821	ug/L	99
51) Chlorobenzene	11.654	112	459440	26.421	ug/L	96
52) Ethylbenzene	11.727	91	805195	25.050	ug/L	97
53) m,p-Xylene	11.837	106	303661	24.816	ug/L	87
54) o-Xylene	12.160	106	299077	25.934	ug/L	100
55) Styrene	12.178	104	501279	26.132	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	133450	29.287	ug/L	97
59) Bromoform	12.349	173	65686	21.865	ug/L	100
60) Isopropylbenzene	12.458	105	841474	24.046	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	96220	26.295	ug/L	99
62) 1,3,5-Trimethylbenzene	12.934	105	677594	22.839	ug/L	95
63) 1,2,4-Trimethylbenzene	13.245	105	673162	23.475	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	353944	24.964	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	348256	24.790	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	319861	26.183	ug/L #	85
68) 1,2-Dibromo-3-chloropr...	14.476	75	19836	21.361	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	237964	23.964	ug/L	95
70) 1,2,4-trichlorobenzene	15.123	180	205414	24.868	ug/L	95
71) Naphthalene	15.360	128	381378	26.335	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	170351	25.597	ug/L	99

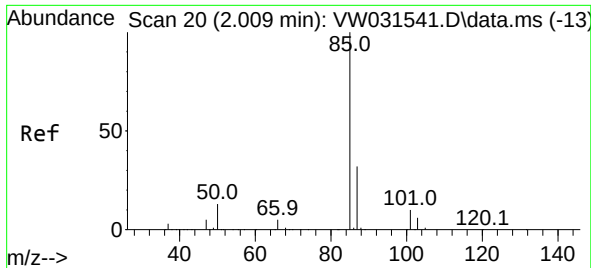
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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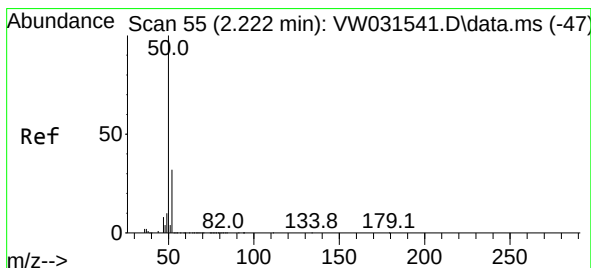
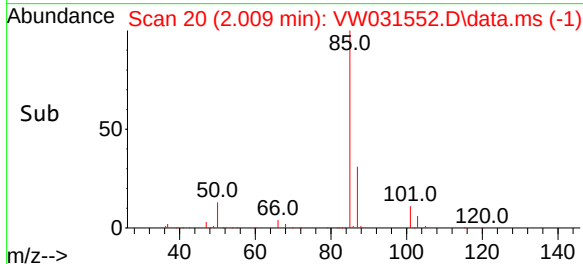
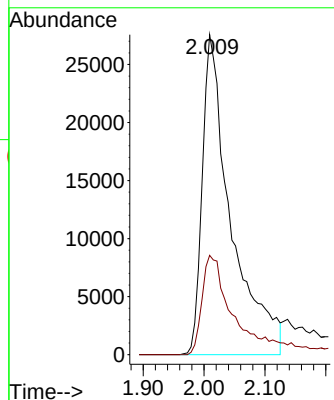
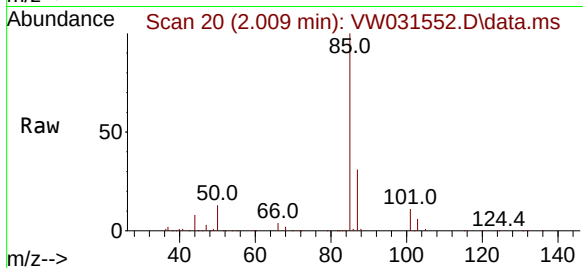




#2
 Dichlorodifluoromethane
 Concen: 21.332 ug/L
 RT: 2.009 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VW031552.D
 Acq: 27 Dec 2024 15:36

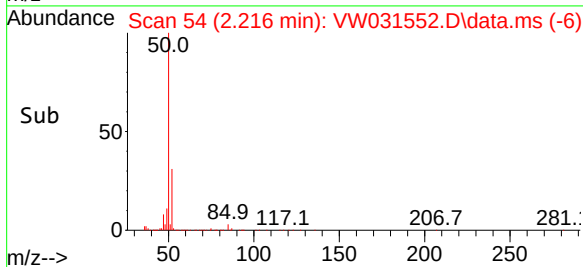
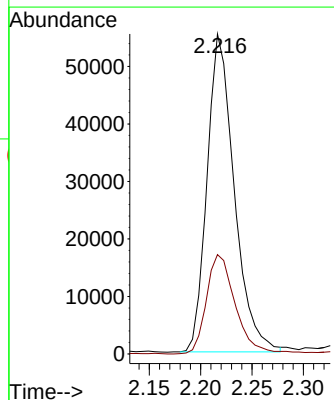
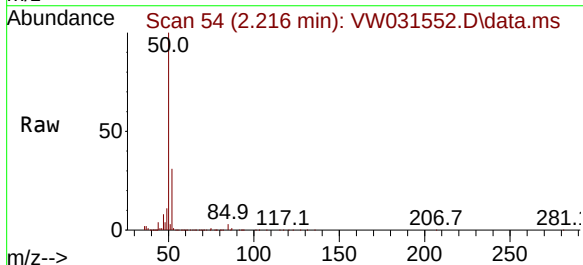
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 ClientSampleId :

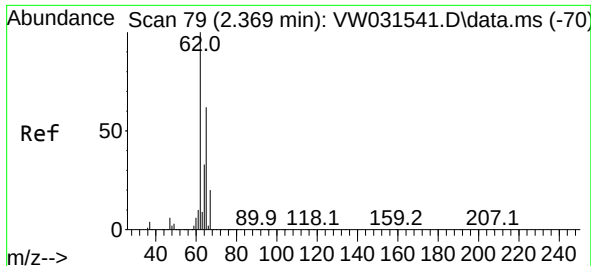
Tgt Ion: 85 Resp: 89939
 Ion Ratio Lower Upper
 85 100
 87 30.5 24.9 37.3



#3
 Chloromethane
 Concen: 21.511 ug/L
 RT: 2.216 min Scan# 54
 Delta R.T. -0.006 min
 Lab File: VW031552.D
 Acq: 27 Dec 2024 15:36

Tgt Ion: 50 Resp: 101890
 Ion Ratio Lower Upper
 50 100
 52 31.1 22.0 41.0

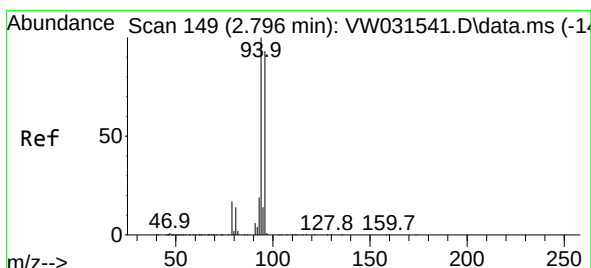
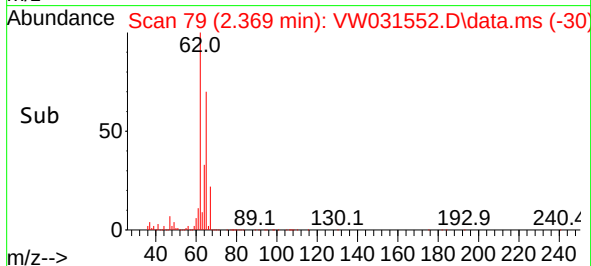
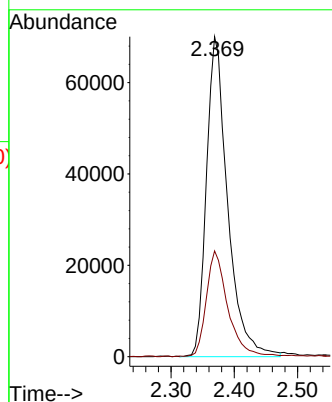
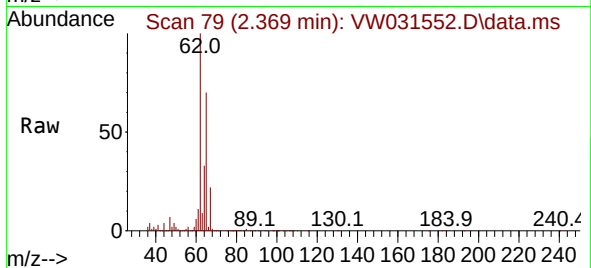




#5
 Vinyl chloride
 Concen: 24.849 ug/L
 RT: 2.369 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: VW031552.D
 Acq: 27 Dec 2024 15:36

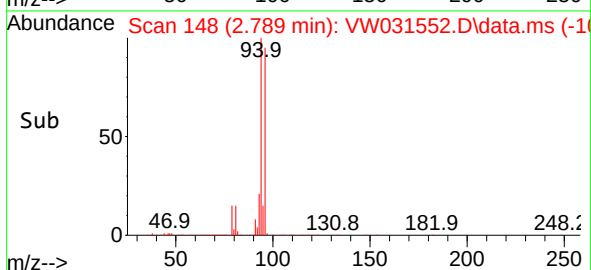
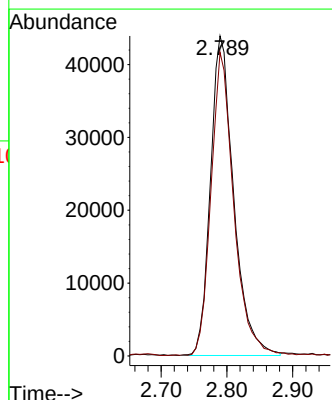
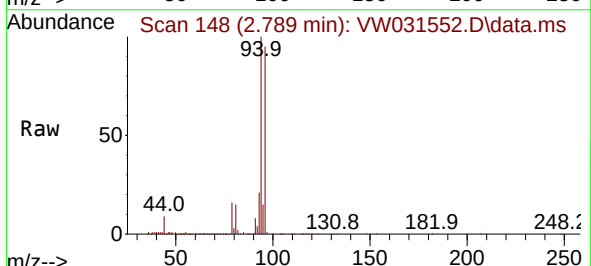
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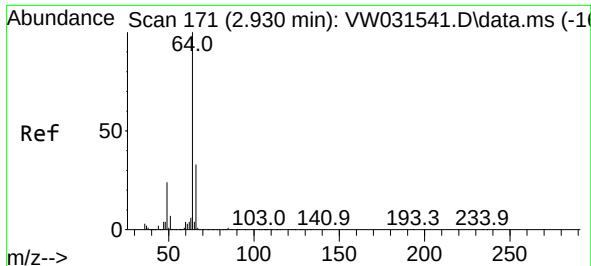
Tgt Ion: 62 Resp: 163110
 Ion Ratio Lower Upper
 62 100
 64 33.1 24.1 44.8



#6
 Bromomethane
 Concen: 26.741 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.006 min
 Lab File: VW031552.D
 Acq: 27 Dec 2024 15:36

Tgt Ion: 94 Resp: 107917
 Ion Ratio Lower Upper
 94 100
 96 94.9 65.6 121.8

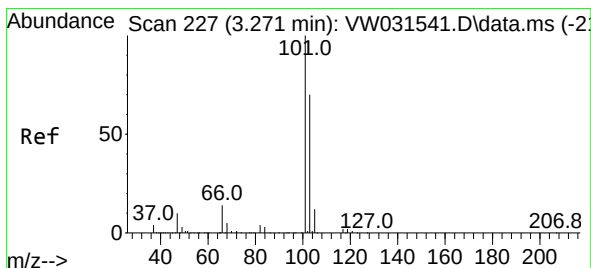
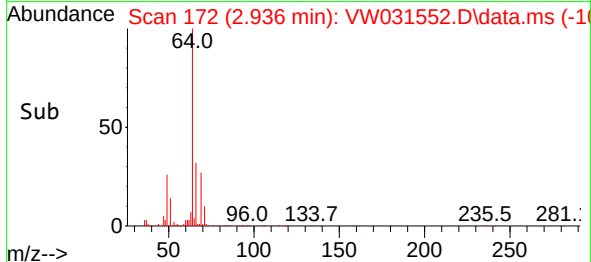
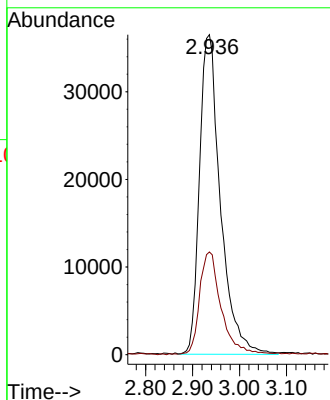
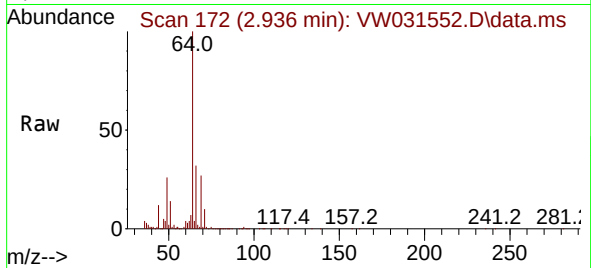




#8
Chloroethane
Concen: 28.936 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW031552.D
Acq: 27 Dec 2024 15:36

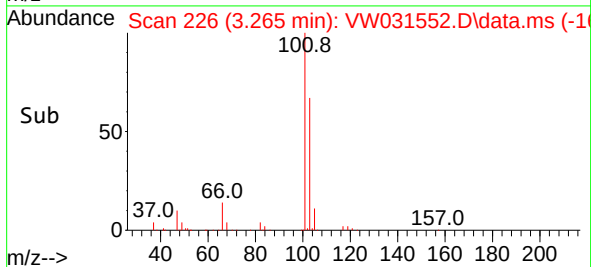
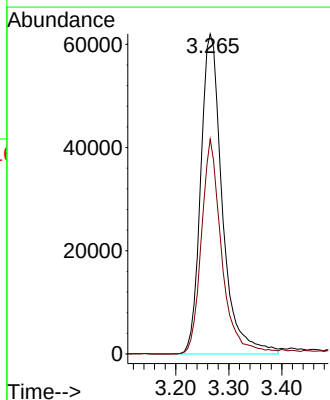
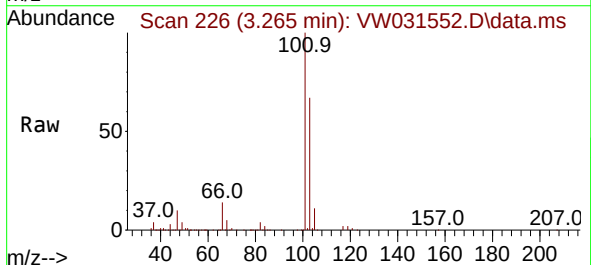
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MSVOA_W
ClientSampleId :

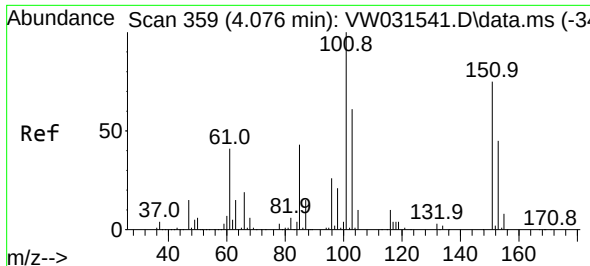
Tgt Ion: 64 Resp: 112956
Ion Ratio Lower Upper
64 100
66 32.1 22.7 42.3



#9
Trichlorofluoromethane
Concen: 25.163 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW031552.D
Acq: 27 Dec 2024 15:36

Tgt Ion:101 Resp: 175961
Ion Ratio Lower Upper
101 100
103 63.1 51.6 77.4

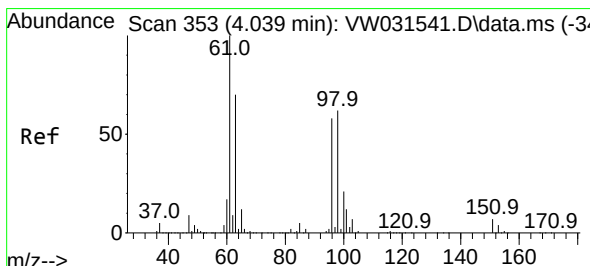
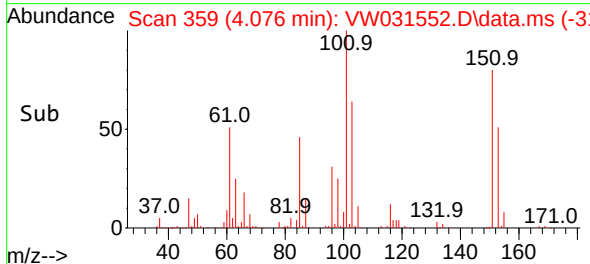
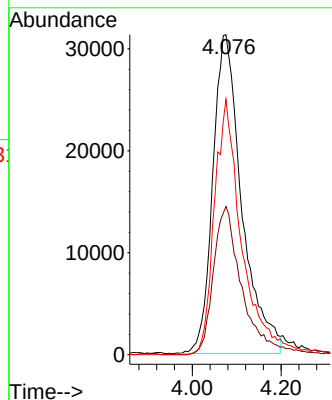
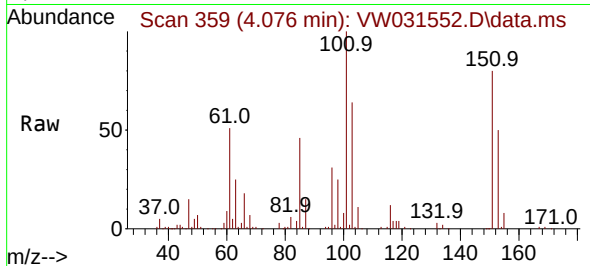




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.061 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. 0.000 min
 Lab File: VW031552.D
 Acq: 27 Dec 2024 15:36

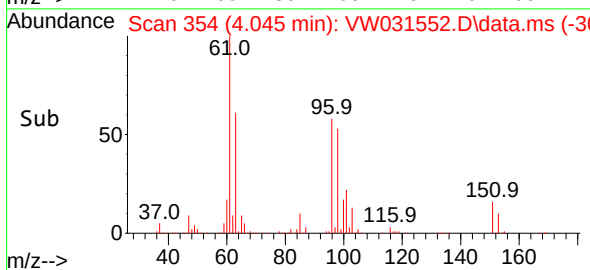
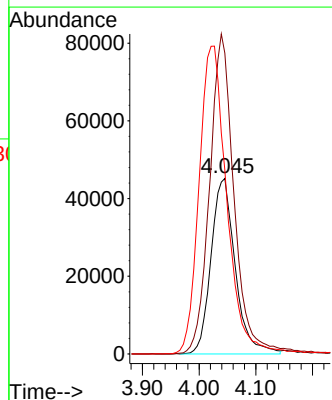
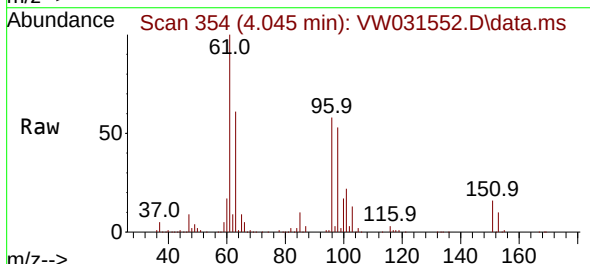
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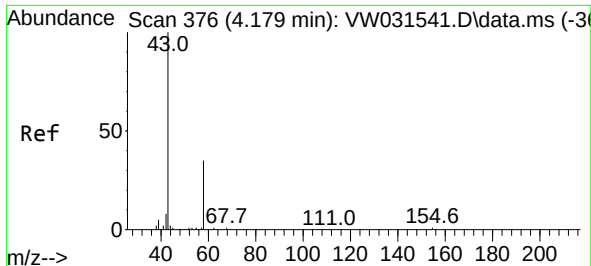
Tgt Ion:101 Resp: 141516
 Ion Ratio Lower Upper
 101 100
 85 44.9 33.0 49.4
 151 75.3 54.8 82.2



#12
 1,1-Dichloroethene
 Concen: 23.407 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.006 min
 Lab File: VW031552.D
 Acq: 27 Dec 2024 15:36

Tgt Ion: 96 Resp: 133866
 Ion Ratio Lower Upper
 96 100
 61 171.3 125.3 232.7
 63 104.8 104.6 194.2

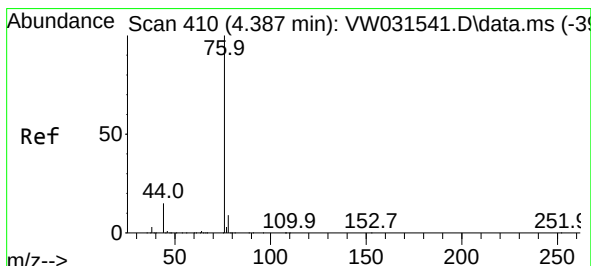
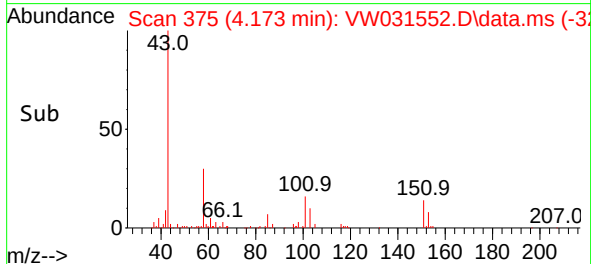
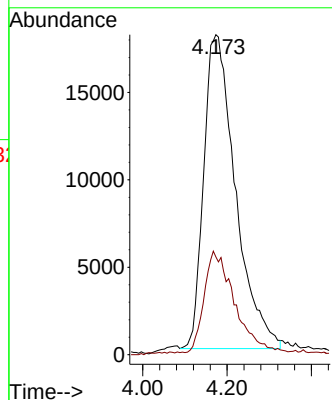
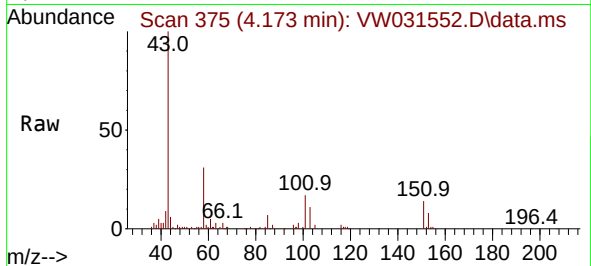




#13
Acetone
Concen: 50.963 ug/L
RT: 4.173 min Scan# 31
Delta R.T. -0.006 min
Lab File: VW031552.D
Acq: 27 Dec 2024 15:36

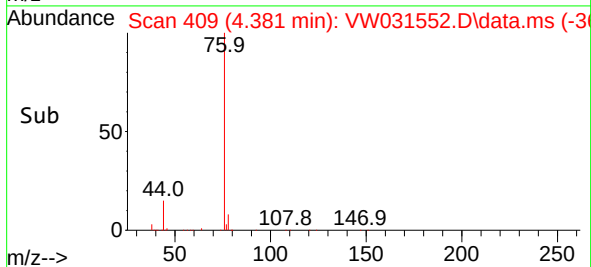
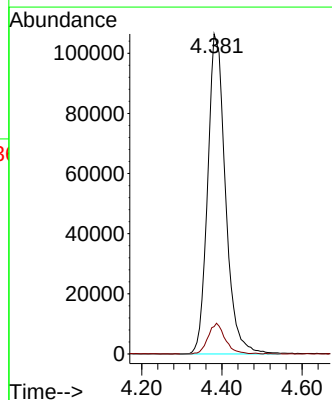
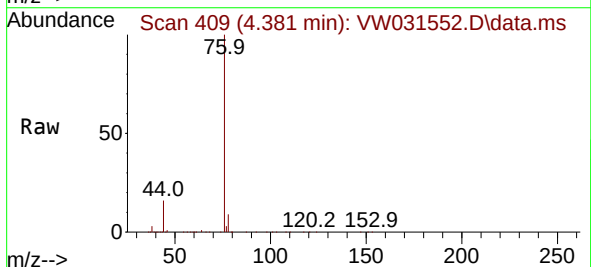
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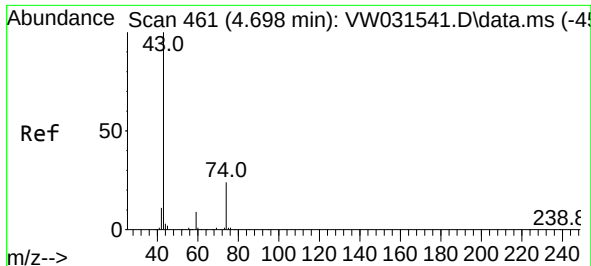
Tgt Ion: 43 Resp: 93822
Ion Ratio Lower Upper
43 100
58 14.7 0.0 0.0#



#14
Carbon disulfide
Concen: 17.591 ug/L
RT: 4.381 min Scan# 409
Delta R.T. -0.006 min
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Tgt Ion: 76 Resp: 328109
Ion Ratio Lower Upper
76 100
78 8.5 7.3 10.9

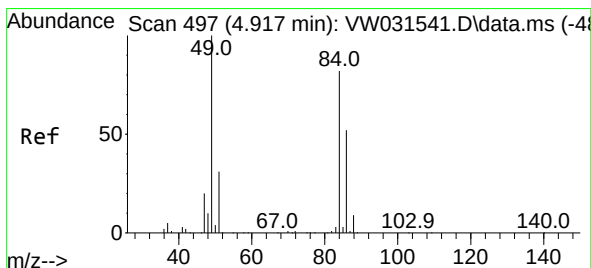
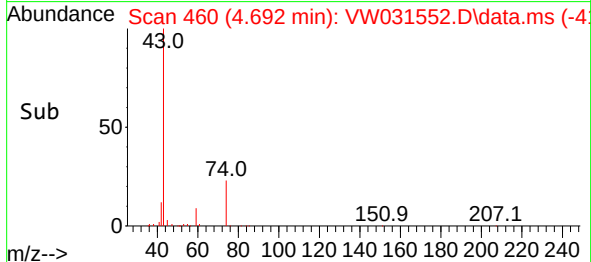
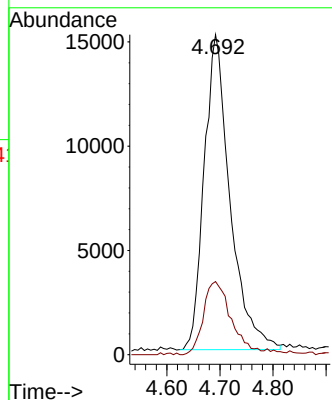
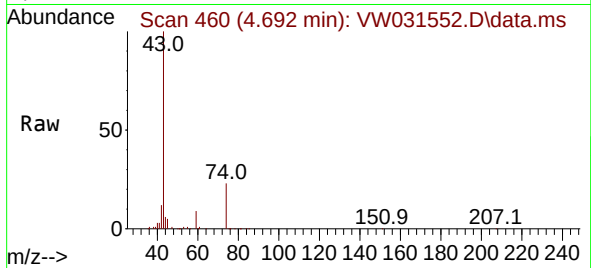




#15
Methyl Acetate
Concen: 24.519 ug/L
RT: 4.692 min Scan# 461
Delta R.T. -0.006 min
Lab File: VW031552.D
Acq: 27 Dec 2024 15:36

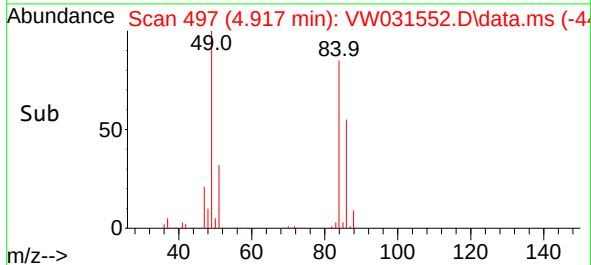
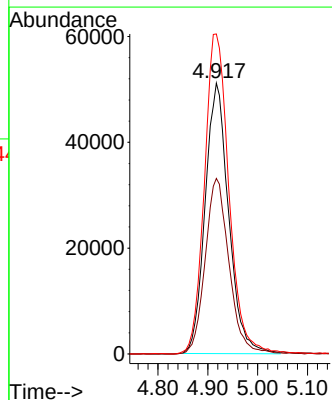
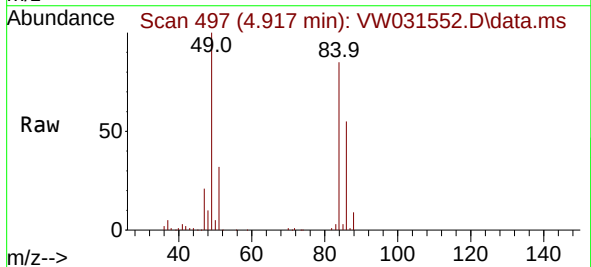
Instrument :
MSVOA_W
ClientSampleId :

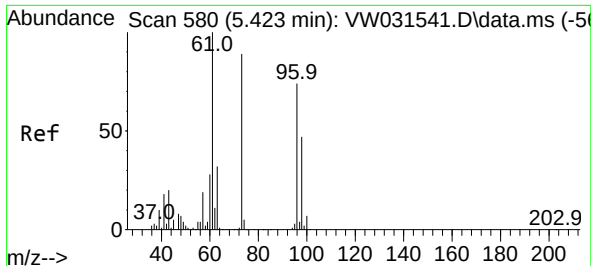
Tgt Ion: 43 Resp: 51269
Ion Ratio Lower Upper
43 100
74 24.4 18.9 28.3



#16
Methylene chloride
Concen: 28.525 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW031552.D
Acq: 27 Dec 2024 15:36

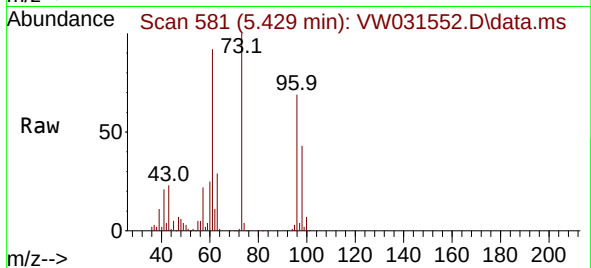
Tgt Ion: 84 Resp: 167440
Ion Ratio Lower Upper
84 100
86 64.8 44.7 82.9
49 118.2 88.3 164.1



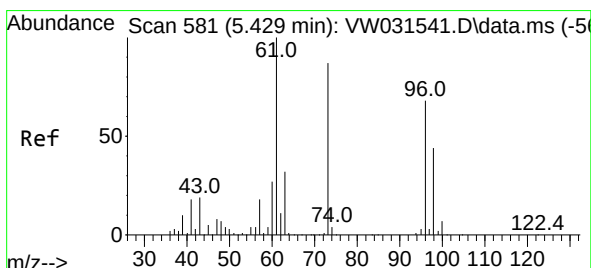
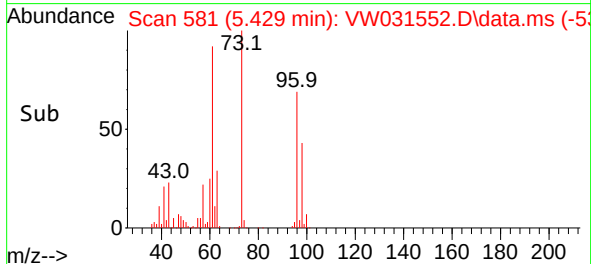
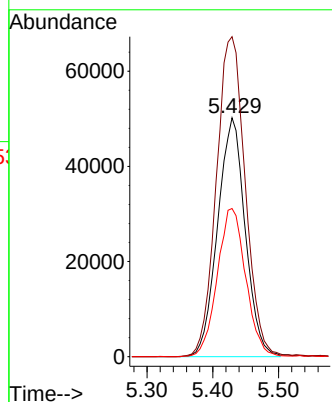


#17
trans-1,2-Dichloroethene
Concen: 23.753 ug/L
RT: 5.429 min Scan# 580
Delta R.T. 0.006 min
Lab File: VW031552.D
Acq: 27 Dec 2024 15:36

Instrument :
MSVOA_W
ClientSampleId :

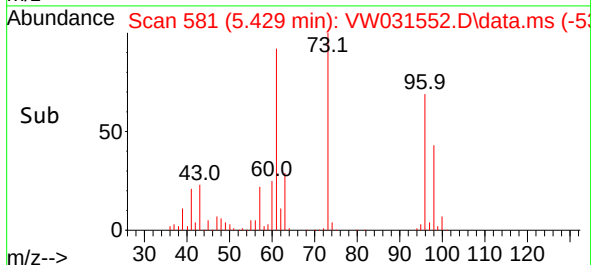
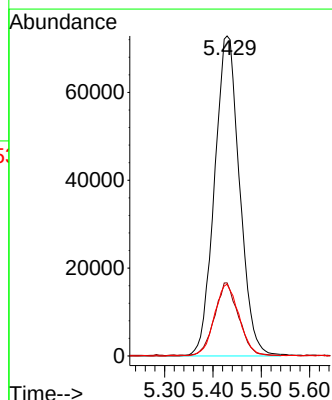
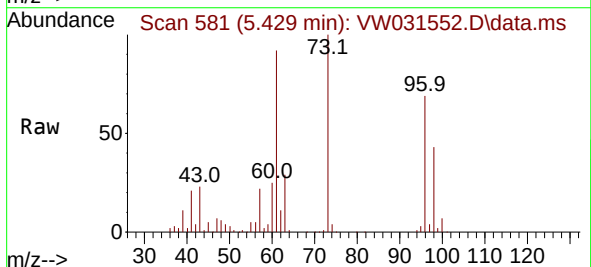


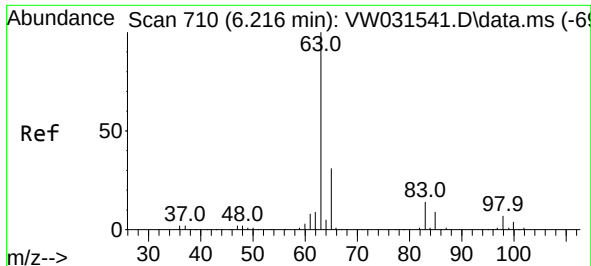
Tgt Ion: 96 Resp: 146435
Ion Ratio Lower Upper
96 100
61 134.0 100.7 187.1
98 62.0 43.8 81.3



#18
Methyl tert-butyl Ether
Concen: 25.461 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW031552.D
Acq: 27 Dec 2024 15:36

Tgt Ion: 73 Resp: 262402
Ion Ratio Lower Upper
73 100
43 21.8 17.9 26.9
57 22.0 17.9 26.9





#19

1,1-Dichloroethane

Concen: 24.717 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

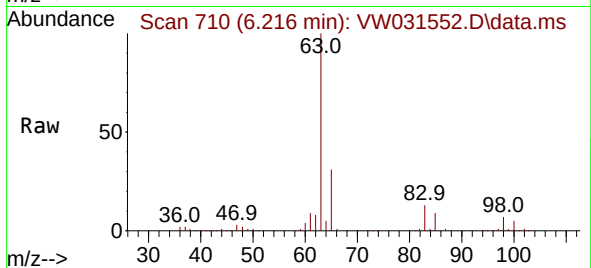
Lab File: VW031552.D

Acq: 27 Dec 2024 15:36

Instrument :

MSVOA_W

ClientSampleId :



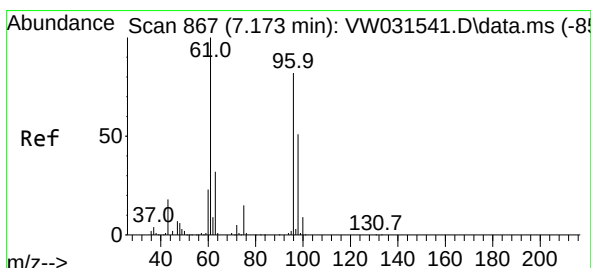
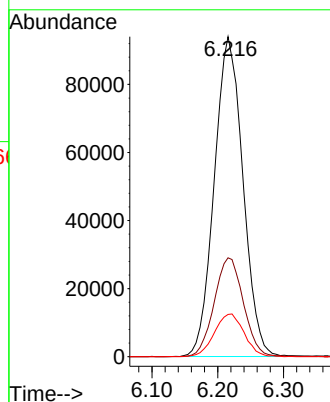
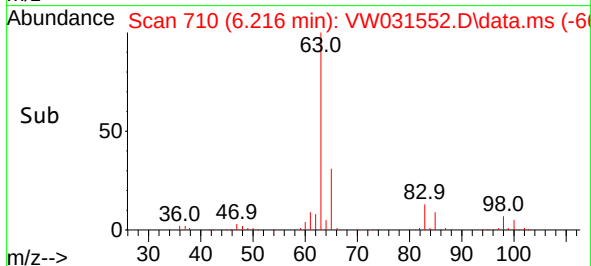
Tgt Ion: 63 Resp: 284734

Ion Ratio Lower Upper

63 100

65 30.9 21.9 40.7

83 13.2 9.3 17.3



#20

cis-1,2-Dichloroethene

Concen: 25.701 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW031552.D

Acq: 27 Dec 2024 15:36

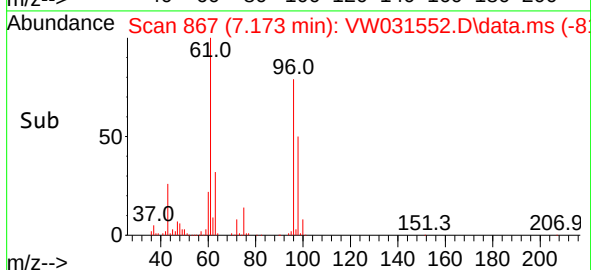
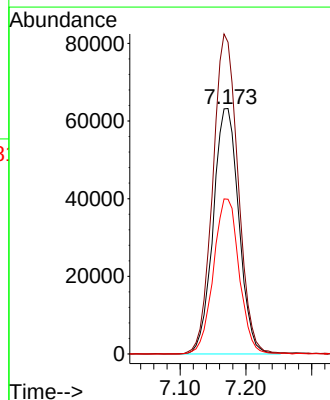
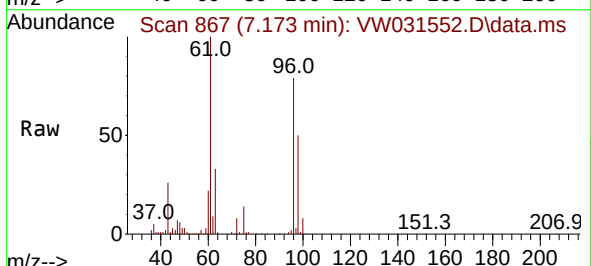
Tgt Ion: 96 Resp: 171421

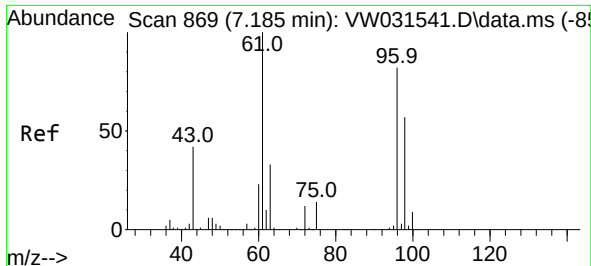
Ion Ratio Lower Upper

96 100

61 127.0 92.2 171.2

98 63.1 43.7 81.1

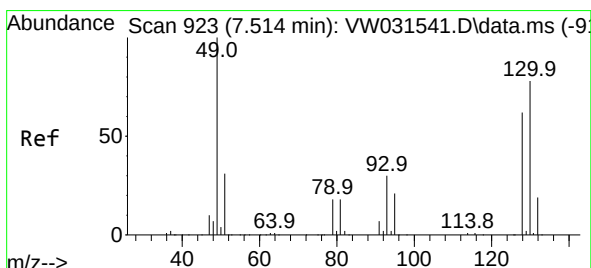
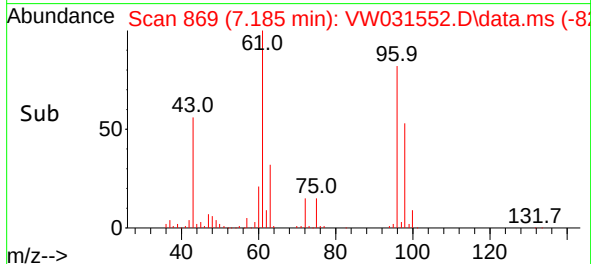
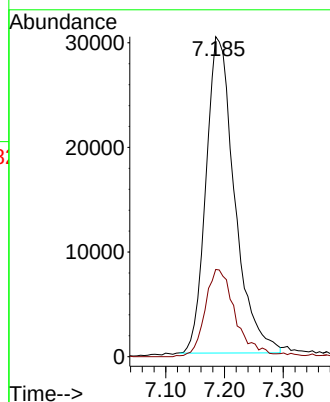
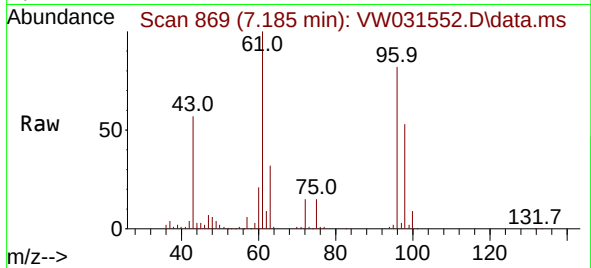




#22
2-Butanone
Concen: 45.848 ug/L
RT: 7.185 min Scan# 869
Delta R.T. 0.000 min
Lab File: VW031552.D
Acq: 27 Dec 2024 15:36

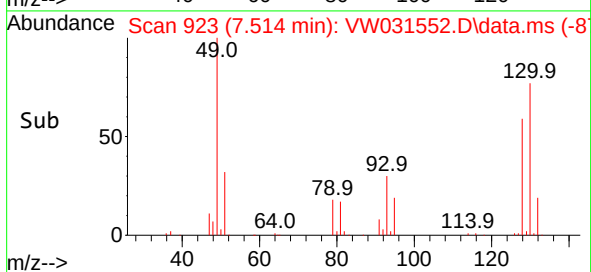
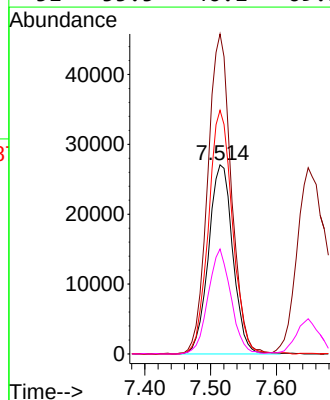
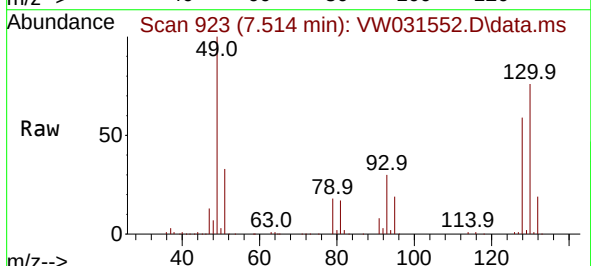
Instrument :
MSVOA_W
ClientSampleId :

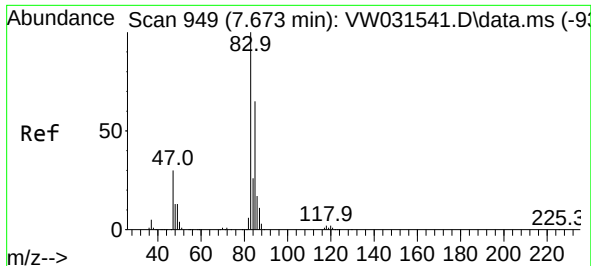
Tgt Ion: 43 Resp: 102271
Ion Ratio Lower Upper
43 100
72 26.7 13.3 39.8



#23
Bromochloromethane
Concen: 26.111 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW031552.D
Acq: 27 Dec 2024 15:36

Tgt Ion:128 Resp: 69457
Ion Ratio Lower Upper
128 100
49 169.2 123.7 229.7
130 128.9 90.3 167.7
51 55.5 46.1 69.1

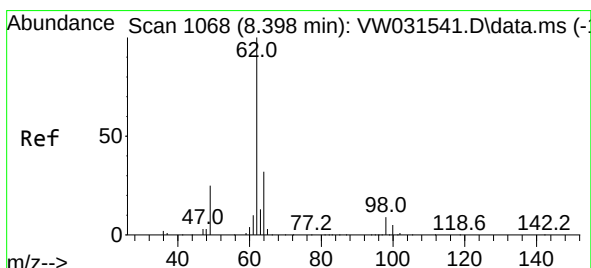
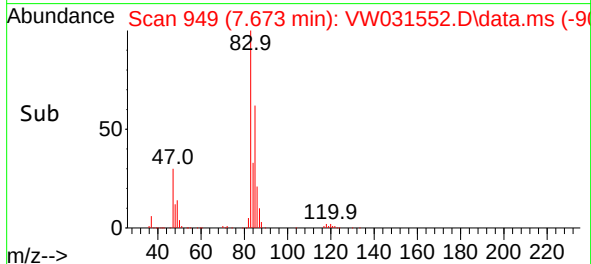
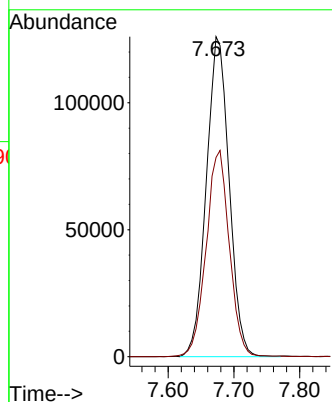
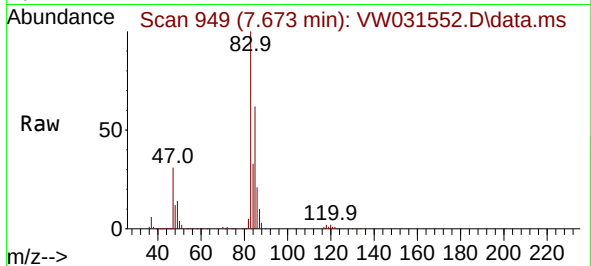




#25
Chloroform
Concen: 26.726 ug/L
RT: 7.673 min Scan# 949
Delta R.T. 0.000 min
Lab File: VW031552.D
Acq: 27 Dec 2024 15:36

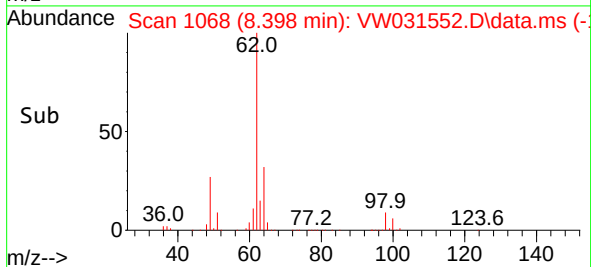
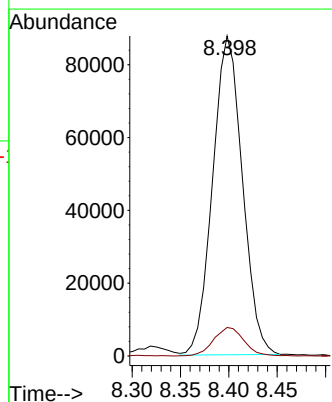
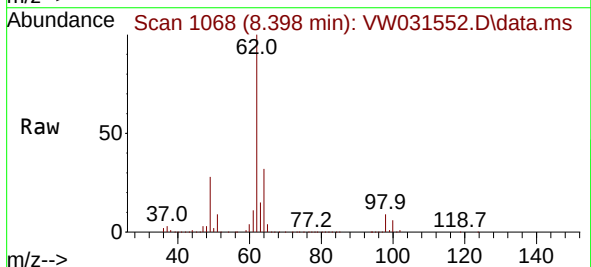
Instrument :
MSVOA_W
ClientSampleId :

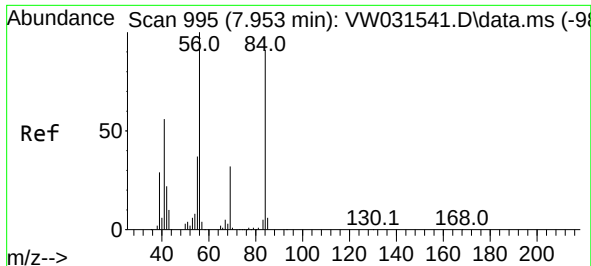
Tgt Ion: 83 Resp: 303867
Ion Ratio Lower Upper
83 100
85 62.3 46.1 85.5



#27
1,2-Dichloroethane
Concen: 26.183 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW031552.D
Acq: 27 Dec 2024 15:36

Tgt Ion: 62 Resp: 187152
Ion Ratio Lower Upper
62 100
98 8.9 7.2 10.8

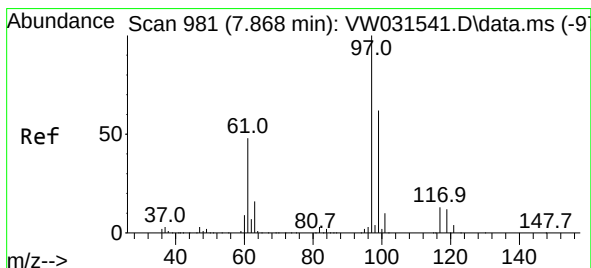
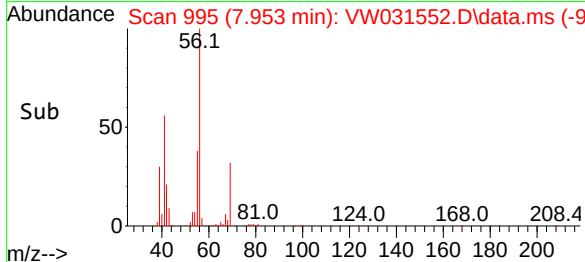
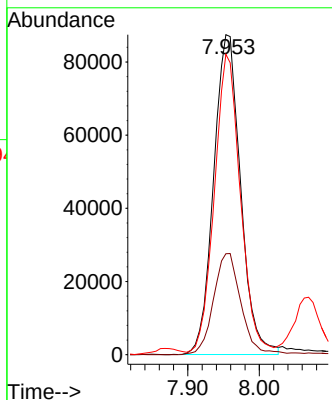
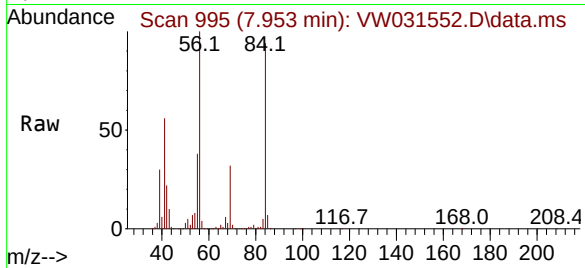




#29
Cyclohexane
Concen: 20.453 ug/L
RT: 7.953 min Scan# 995
Delta R.T. 0.000 min
Lab File: VW031552.D
Acq: 27 Dec 2024 15:36

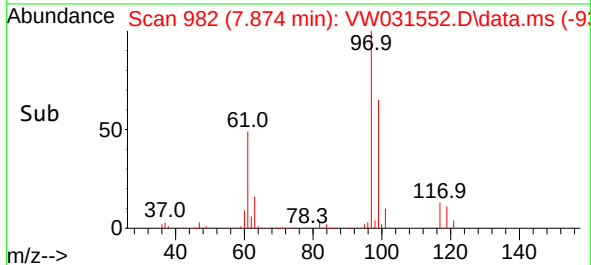
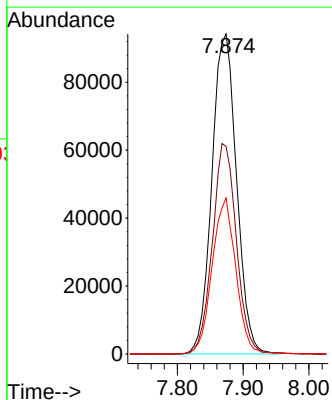
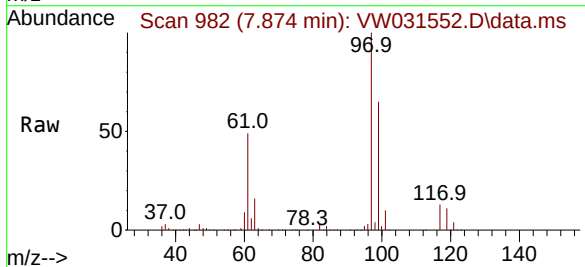
Instrument :
MSVOA_W
ClientSampleId :

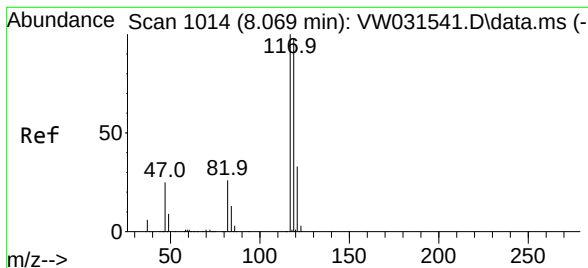
Tgt Ion: 56 Resp: 228637
Ion Ratio Lower Upper
56 100
69 32.1 25.0 37.4
84 90.6 68.9 103.3



#30
1,1,1-Trichloroethane
Concen: 23.099 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.006 min
Lab File: VW031552.D
Acq: 27 Dec 2024 15:36

Tgt Ion: 97 Resp: 246104
Ion Ratio Lower Upper
97 100
99 63.9 51.1 76.7
61 46.8 36.3 54.5

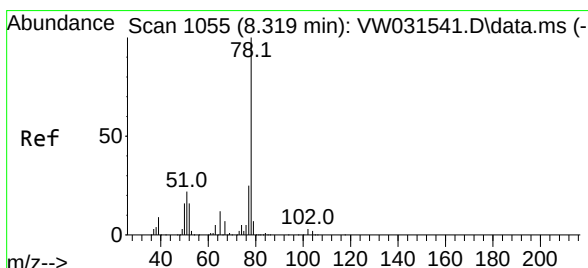
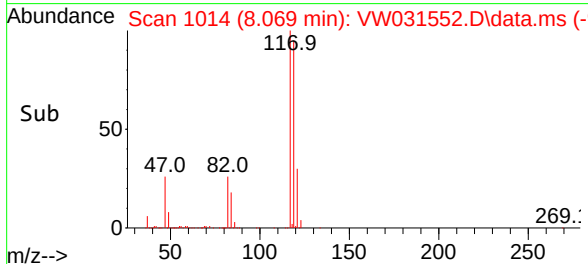
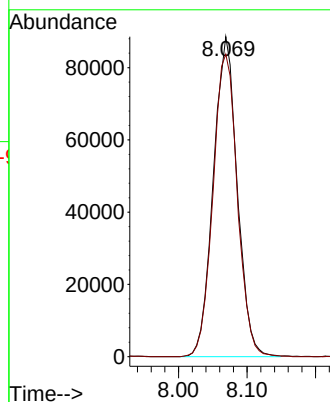
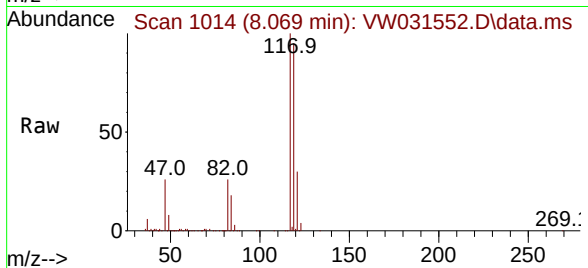




#31
Carbon tetrachloride
Concen: 22.567 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW031552.D
Acq: 27 Dec 2024 15:36

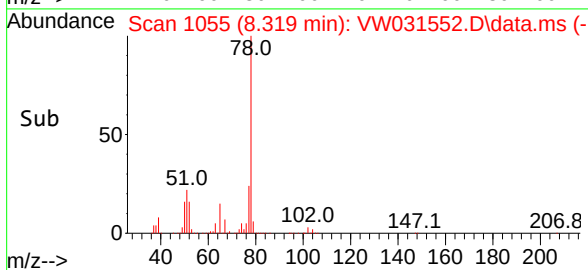
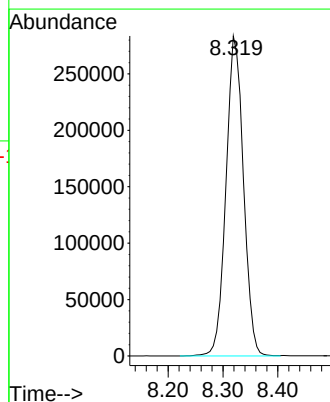
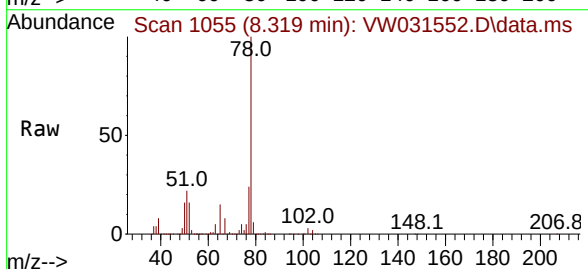
Instrument :
MSVOA_W
ClientSampleId :

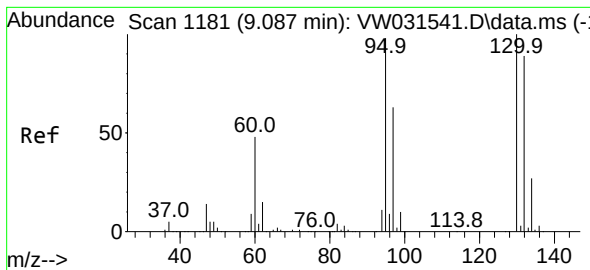
Tgt Ion:117 Resp: 214210
Ion Ratio Lower Upper
117 100
119 96.6 76.0 114.0



#33
Benzene
Concen: 24.692 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VW031552.D
Acq: 27 Dec 2024 15:36

Tgt Ion: 78 Resp: 628992





#34

Trichloroethene

Concen: 24.171 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. 0.000 min

Lab File: VW031552.D

Acq: 27 Dec 2024 15:36

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 173834

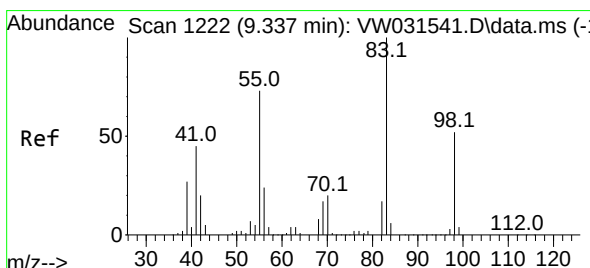
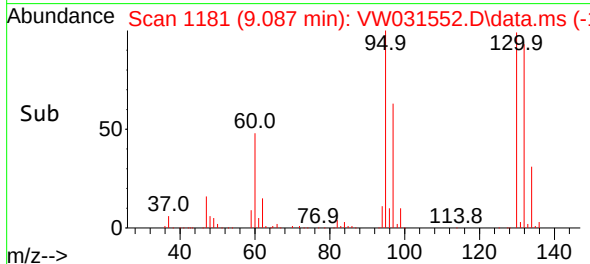
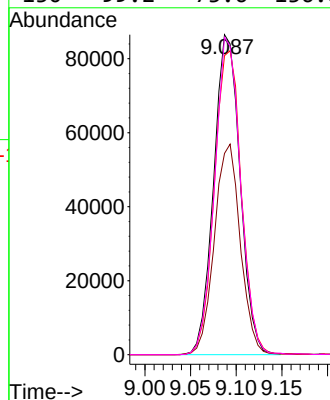
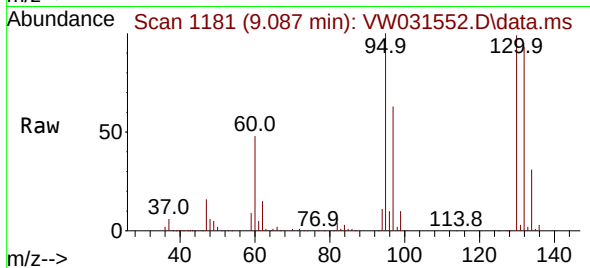
Ion Ratio Lower Upper

95 100

97 62.9 46.5 86.3

132 93.4 70.3 130.5

130 99.2 73.6 136.8



#35

Methylcyclohexane

Concen: 22.305 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW031552.D

Acq: 27 Dec 2024 15:36

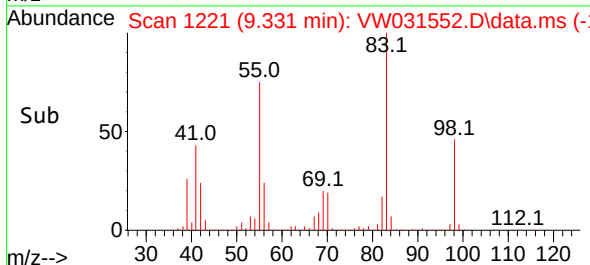
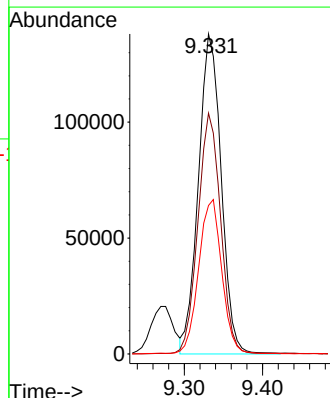
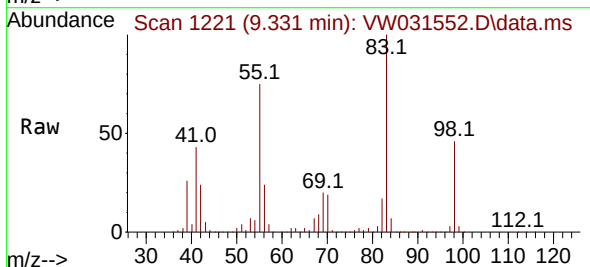
Tgt Ion: 83 Resp: 279363

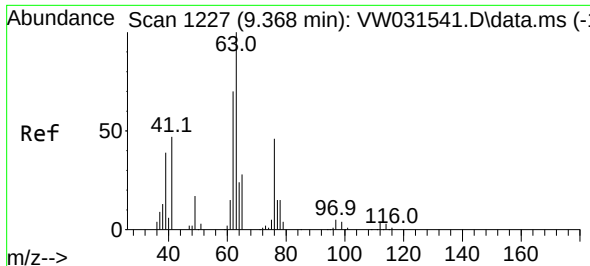
Ion Ratio Lower Upper

83 100

55 74.8 62.6 93.8

98 49.2 39.8 59.6





#37

1,2-Dichloropropane

Concen: 25.181 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW031552.D

Acq: 27 Dec 2024 15:36

Instrument :

MSVOA_W

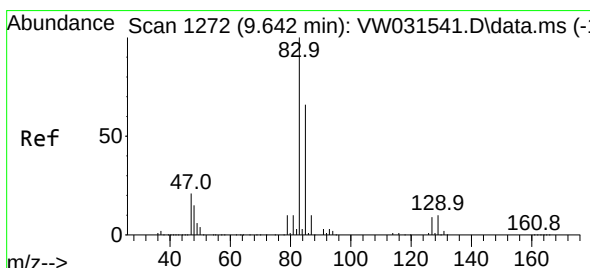
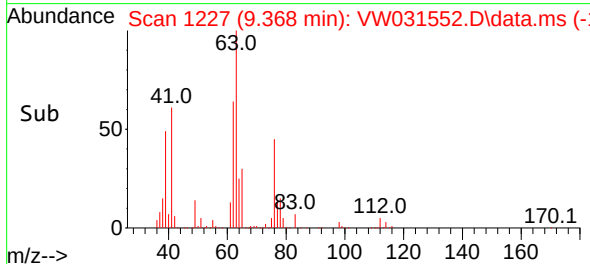
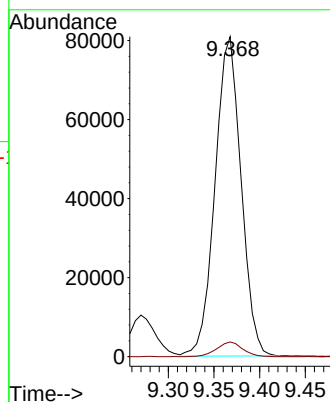
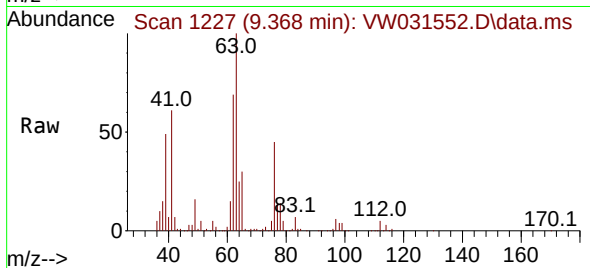
ClientSampleId :

Tgt Ion: 63 Resp: 160018

Ion Ratio Lower Upper

63 100

112 4.6 3.8 5.8



#38

Bromodichloromethane

Concen: 24.517 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW031552.D

Acq: 27 Dec 2024 15:36

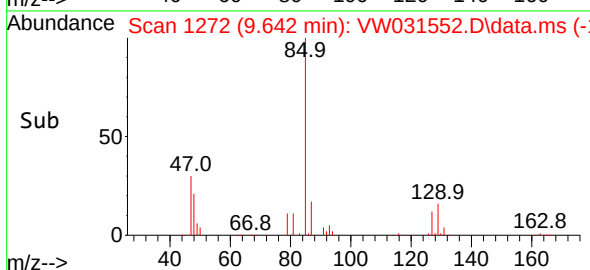
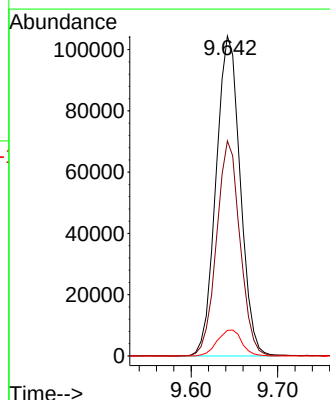
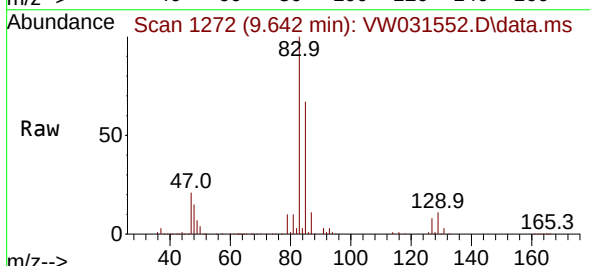
Tgt Ion: 83 Resp: 202545

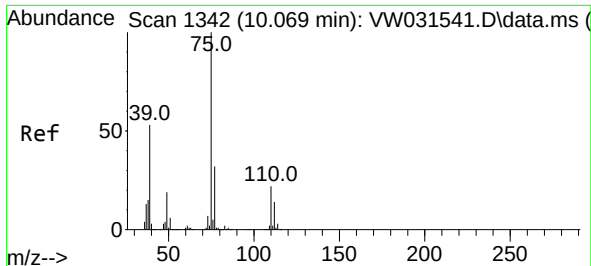
Ion Ratio Lower Upper

83 100

85 67.2 46.5 86.5

127 8.0 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 23.504 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. 0.000 min

Lab File: VW031552.D

Acq: 27 Dec 2024 15:36

Instrument :

MSVOA_W

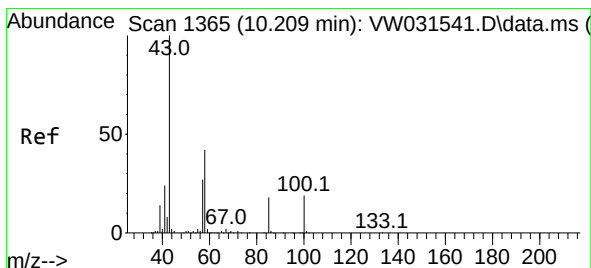
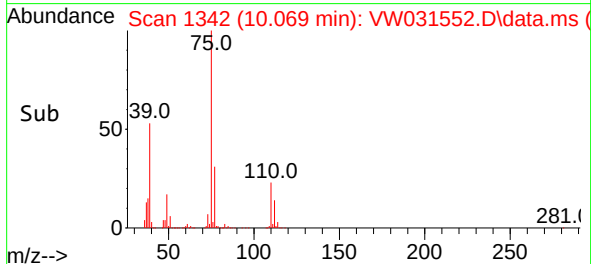
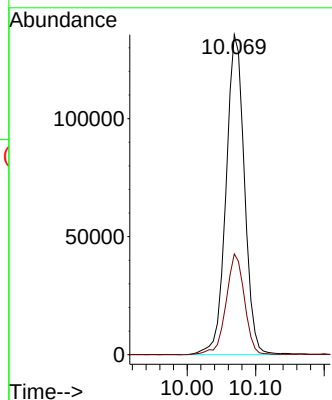
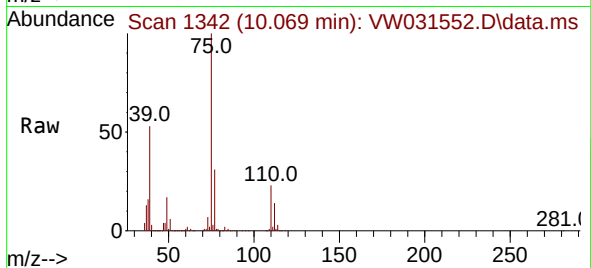
ClientSampleId :

Tgt Ion: 75 Resp: 252396

Ion Ratio Lower Upper

75 100

77 31.5 21.8 40.4



#40

4-Methyl-2-pentanone

Concen: 49.931 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW031552.D

Acq: 27 Dec 2024 15:36

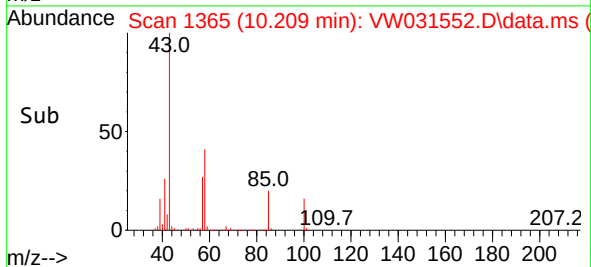
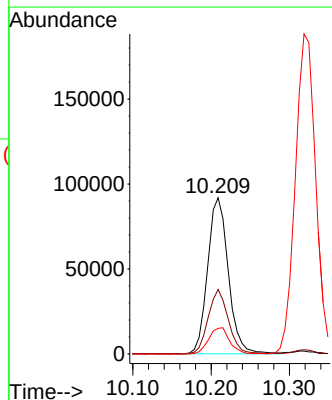
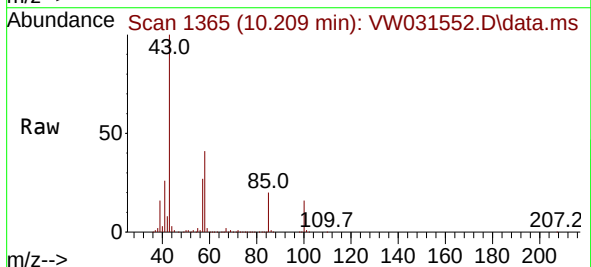
Tgt Ion: 43 Resp: 168342

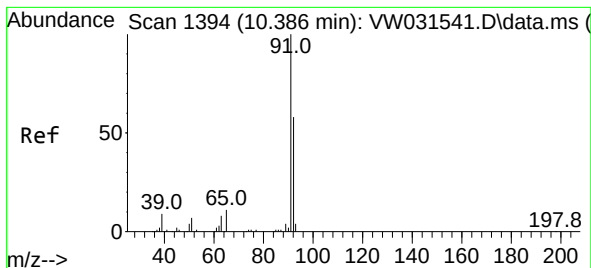
Ion Ratio Lower Upper

43 100

58 40.4 31.1 46.7

100 17.1 13.0 19.6





#42

Toluene

Concen: 24.781 ug/L

RT: 10.386 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031552.D

Acq: 27 Dec 2024 15:36

Instrument :

MSVOA_W

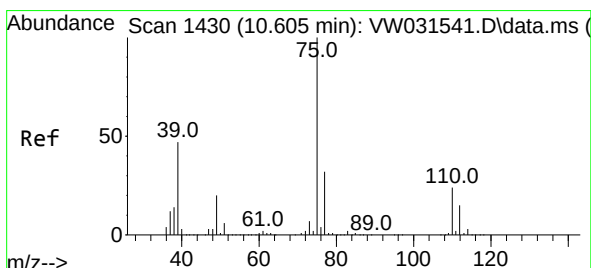
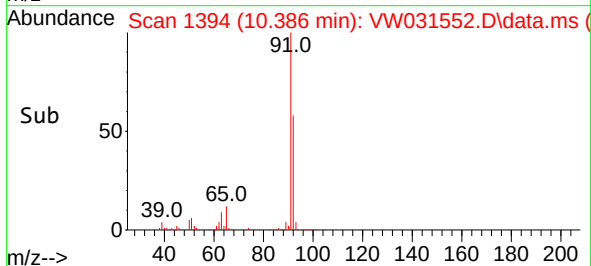
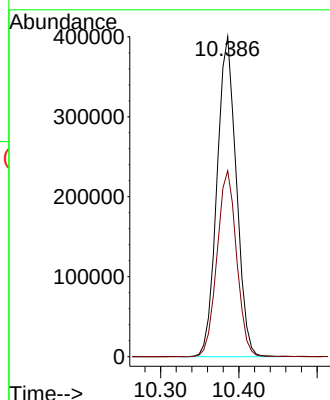
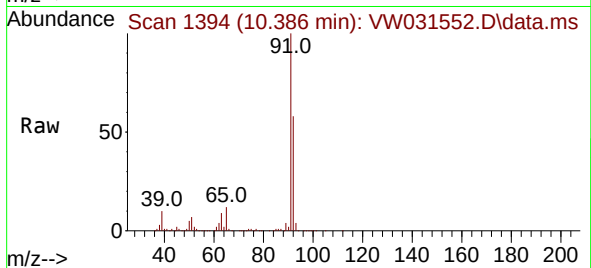
ClientSampleId :

Tgt Ion: 91 Resp: 687284

Ion Ratio Lower Upper

91 100

92 58.1 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 23.411 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW031552.D

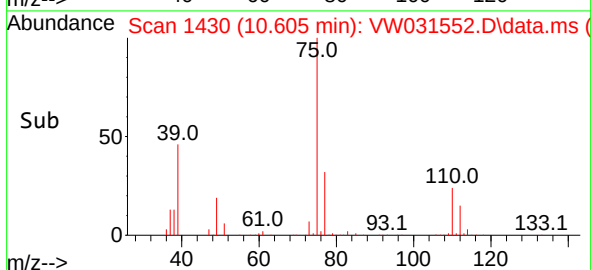
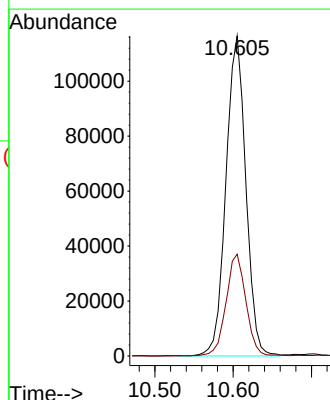
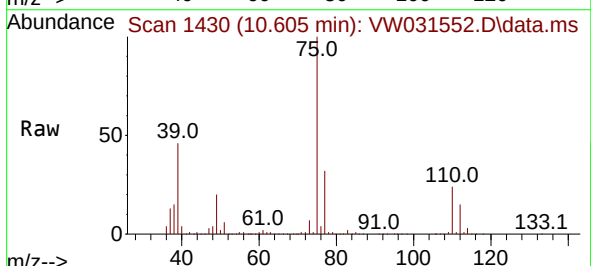
Acq: 27 Dec 2024 15:36

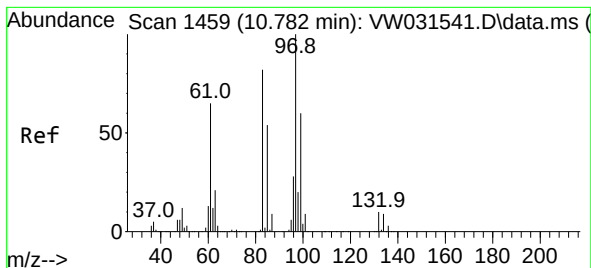
Tgt Ion: 75 Resp: 205272

Ion Ratio Lower Upper

75 100

77 31.8 21.2 39.4





#45

1,1,2-Trichloroethane

Concen: 27.359 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VW031552.D

Acq: 27 Dec 2024 15:36

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 115643

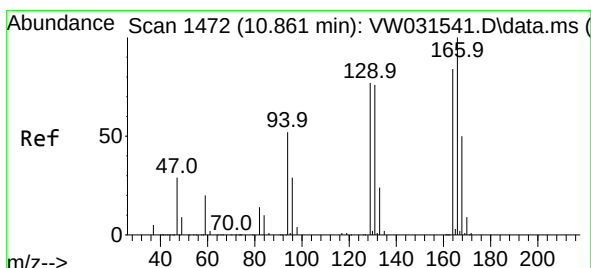
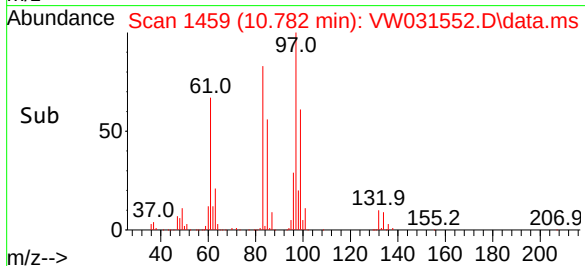
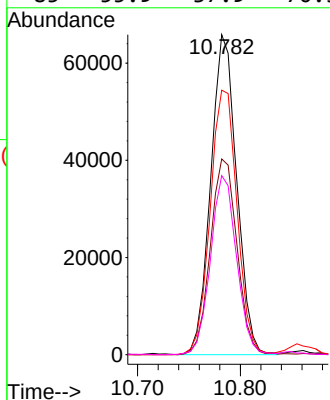
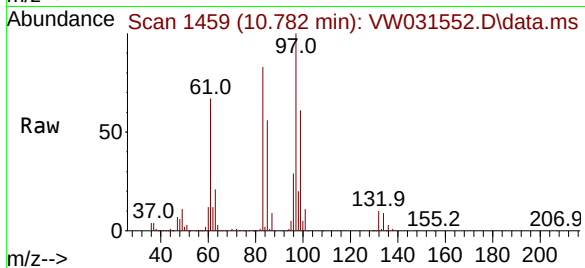
Ion Ratio Lower Upper

97 100

99 61.2 43.0 80.0

83 82.6 56.4 104.7

85 55.9 37.9 70.3



#46

Tetrachloroethene

Concen: 24.907 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW031552.D

Acq: 27 Dec 2024 15:36

Tgt Ion:164 Resp: 131207

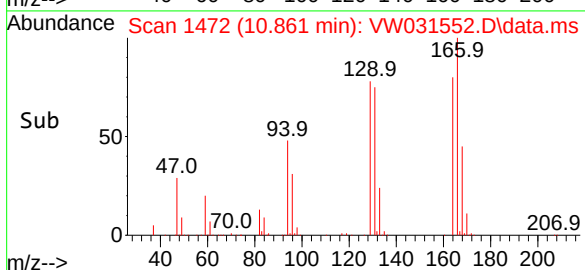
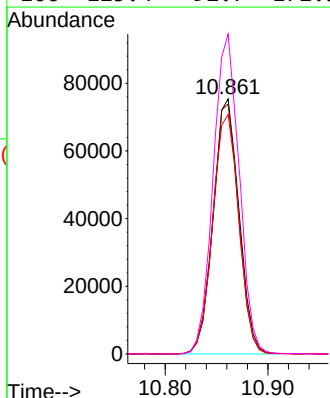
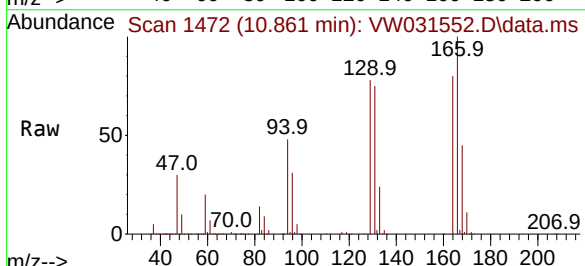
Ion Ratio Lower Upper

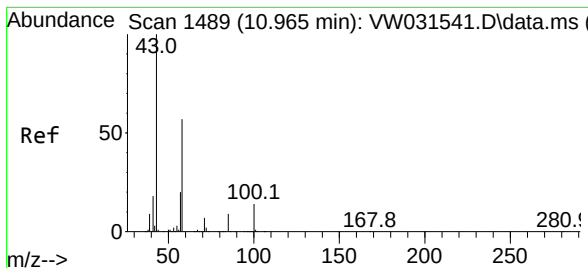
164 100

129 97.9 73.5 136.5

131 93.9 66.6 123.8

166 125.4 92.7 172.3





#48

2-Hexanone

Concen: 52.859 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

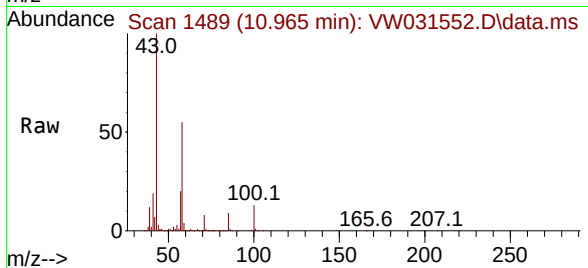
Lab File: VW031552.D

Acq: 27 Dec 2024 15:36

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 151570

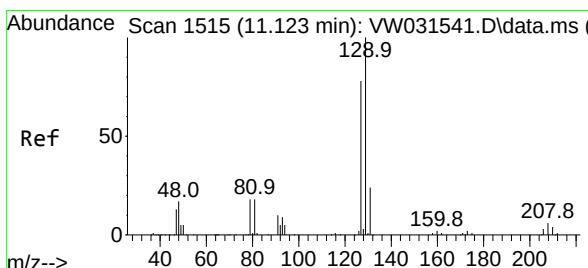
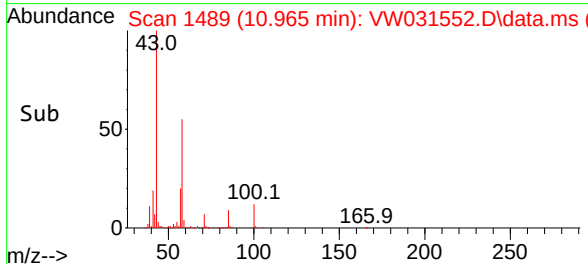
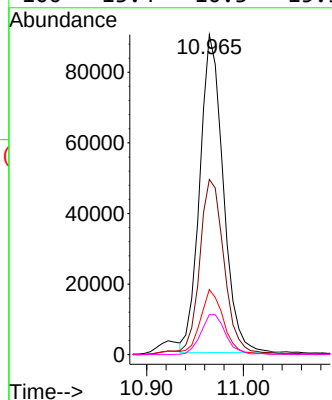
Ion Ratio Lower Upper

43 100

58 57.8 43.0 64.6

57 20.0 15.7 23.5

100 13.4 10.3 15.5



#49

Dibromochloromethane

Concen: 24.738 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. 0.006 min

Lab File: VW031552.D

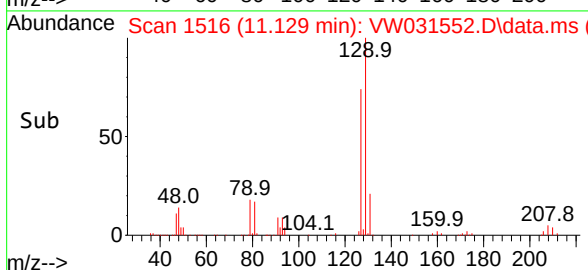
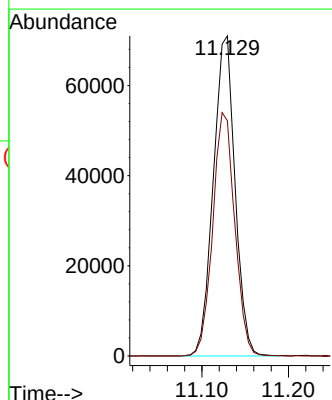
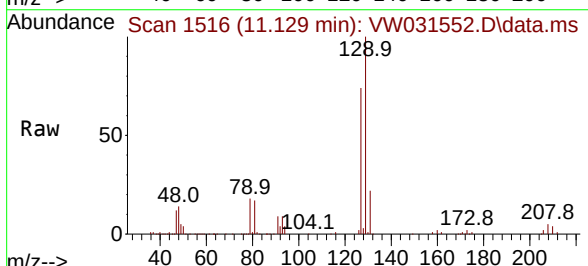
Acq: 27 Dec 2024 15:36

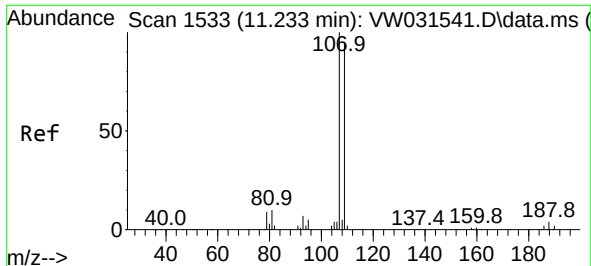
Tgt Ion:129 Resp: 123946

Ion Ratio Lower Upper

129 100

127 73.5 57.6 107.0

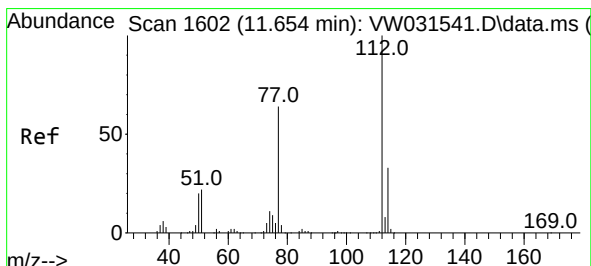
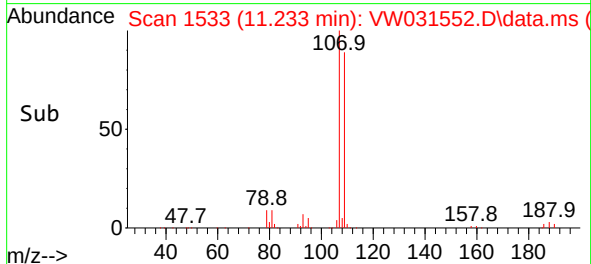
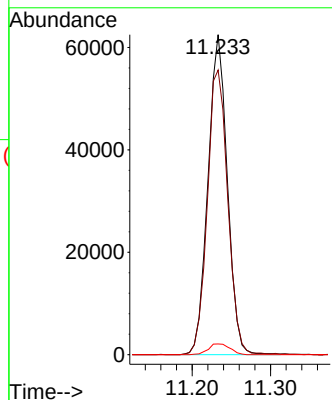
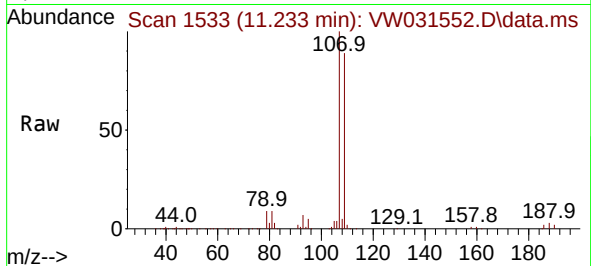




#50
1,2-Dibromoethane
Concen: 26.821 ug/L
RT: 11.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031552.D
Acq: 27 Dec 2024 15:36

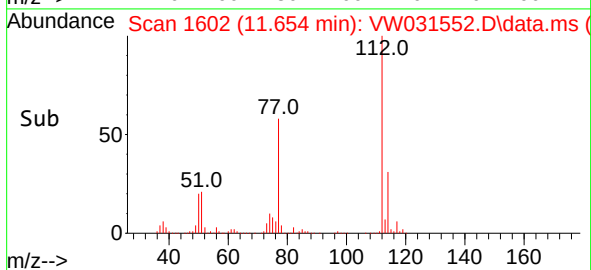
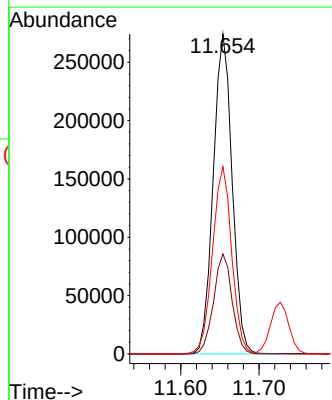
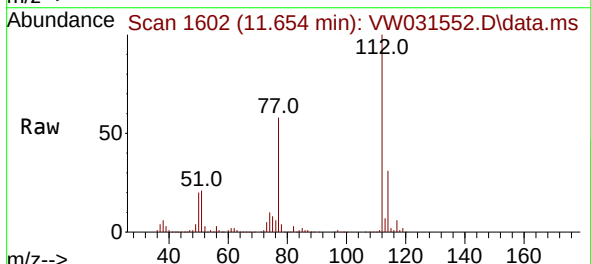
Instrument :
MSVOA_W
ClientSampleId :

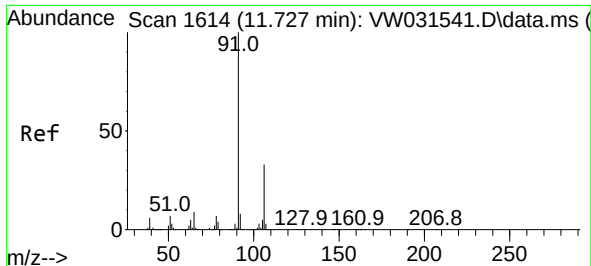
Tgt Ion:107 Resp: 107397
Ion Ratio Lower Upper
107 100
109 88.9 63.2 117.4
188 3.4 2.6 4.0



#51
Chlorobenzene
Concen: 26.421 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW031552.D
Acq: 27 Dec 2024 15:36

Tgt Ion:112 Resp: 459440
Ion Ratio Lower Upper
112 100
114 31.2 22.7 42.3
77 58.5 50.2 75.4

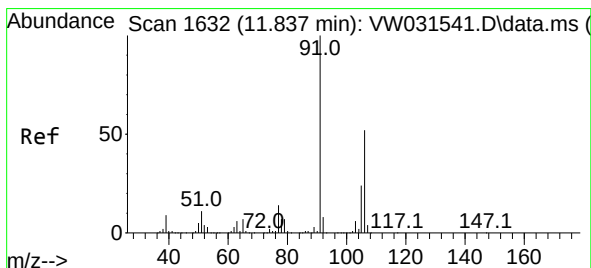
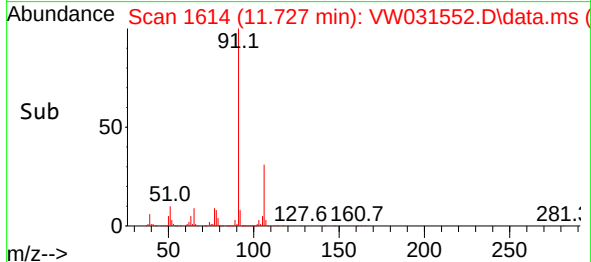
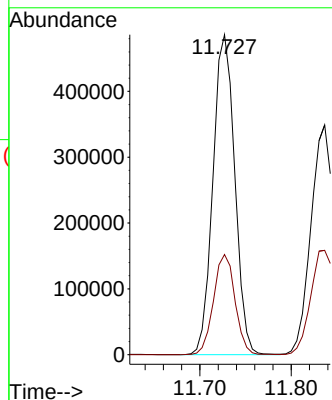
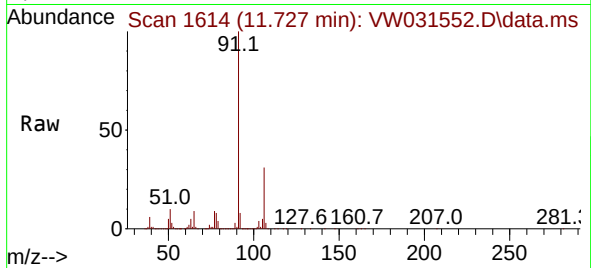




#52
Ethylbenzene
Concen: 25.050 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW031552.D
Acq: 27 Dec 2024 15:36

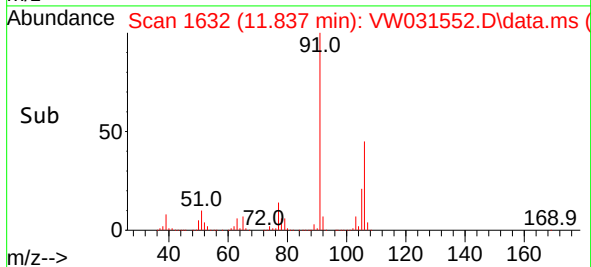
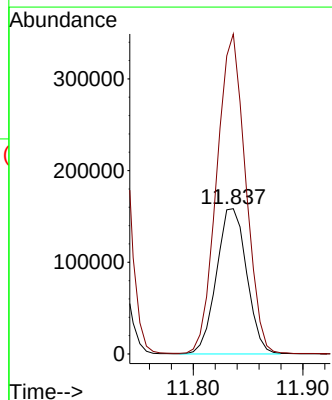
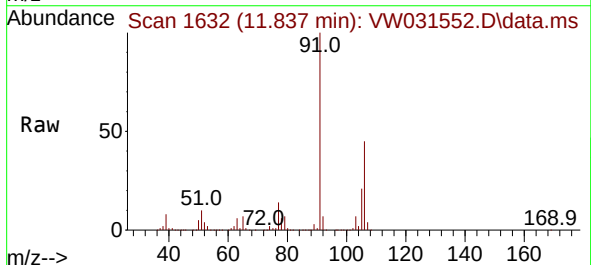
Instrument :
MSVOA_W
ClientSampleId :

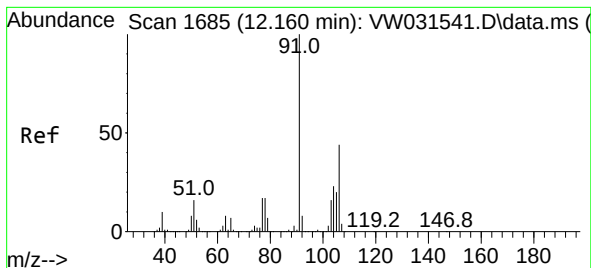
Tgt Ion: 91 Resp: 805195
Ion Ratio Lower Upper
91 100
106 31.3 20.7 38.5



#53
m,p-Xylene
Concen: 24.816 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW031552.D
Acq: 27 Dec 2024 15:36

Tgt Ion:106 Resp: 303661
Ion Ratio Lower Upper
106 100
91 220.2 139.9 259.7





#54

o-Xylene

Concen: 25.934 ug/L

RT: 12.160 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031552.D

Acq: 27 Dec 2024 15:36

Instrument :

MSVOA_W

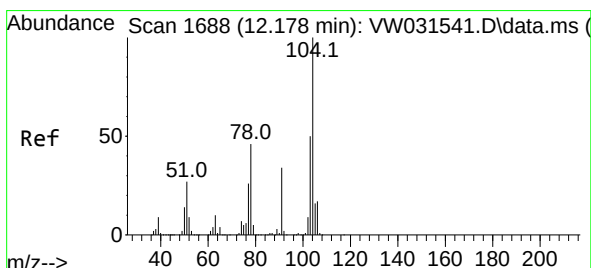
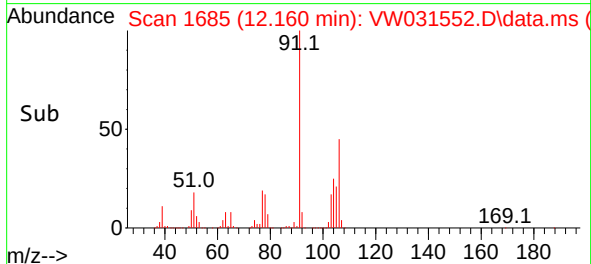
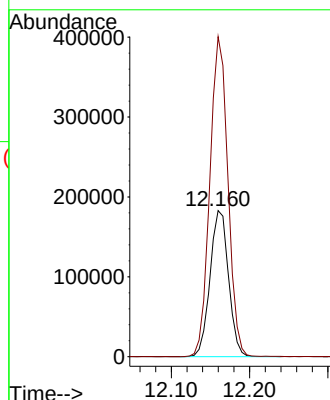
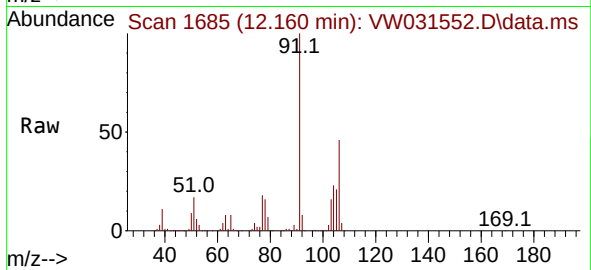
ClientSampleId :

Tgt Ion:106 Resp: 299077

Ion Ratio Lower Upper

106 100

91 219.0 153.1 284.3



#55

Styrene

Concen: 26.132 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW031552.D

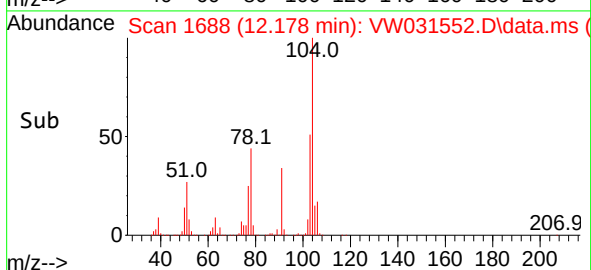
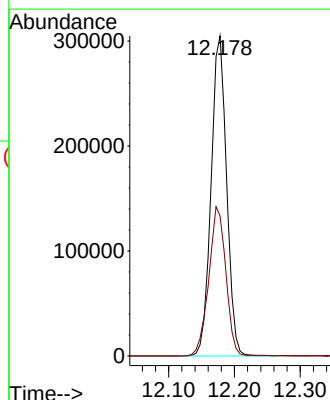
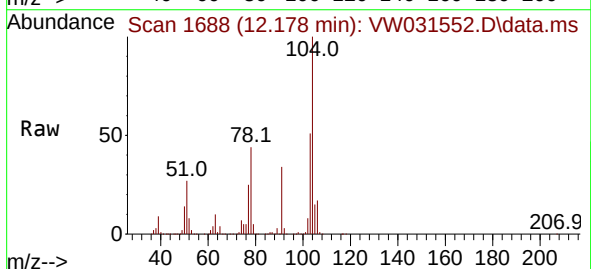
Acq: 27 Dec 2024 15:36

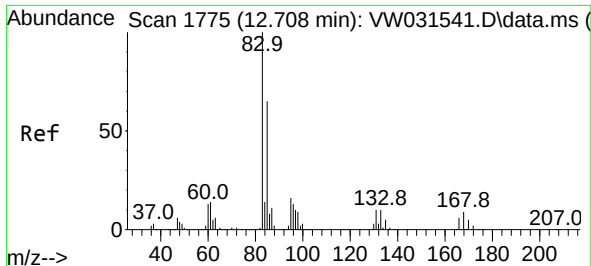
Tgt Ion:104 Resp: 501279

Ion Ratio Lower Upper

104 100

78 43.8 31.4 58.4





#57

1,1,2-Tetrachloroethane

Concen: 29.287 ug/L

RT: 12.708 min Scan# 1

Delta R.T. 0.000 min

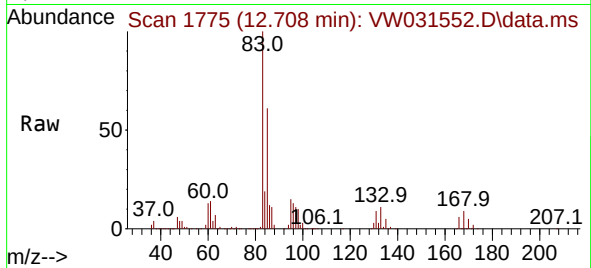
Lab File: VW031552.D

Acq: 27 Dec 2024 15:36

Instrument :

MSVOA_W

ClientSampleId :



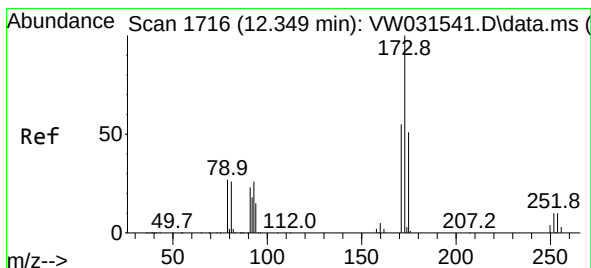
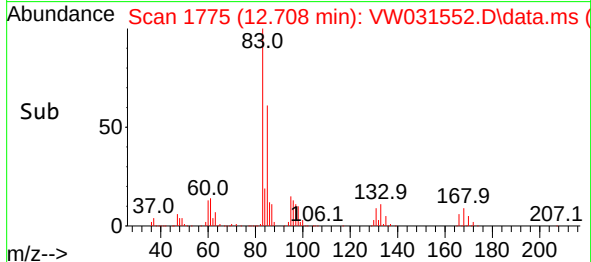
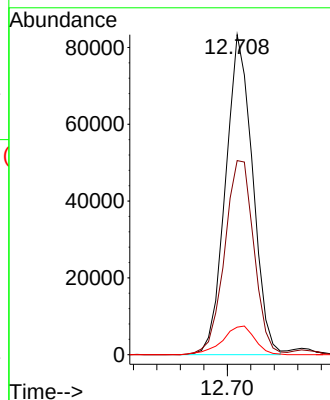
Tgt Ion: 83 Resp: 133450

Ion Ratio Lower Upper

83 100

85 60.7 44.1 81.9

131 8.6 7.9 11.9



#59

Bromoform

Concen: 21.865 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW031552.D

Acq: 27 Dec 2024 15:36

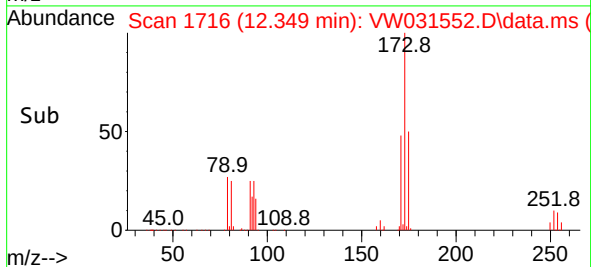
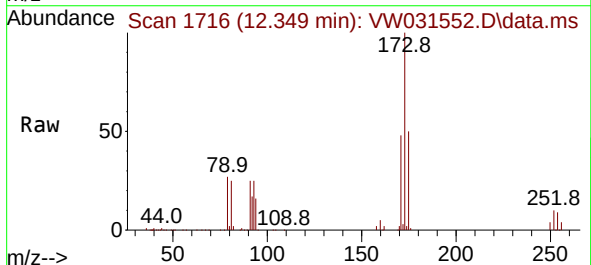
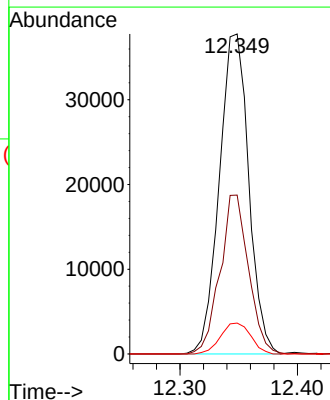
Tgt Ion: 173 Resp: 65686

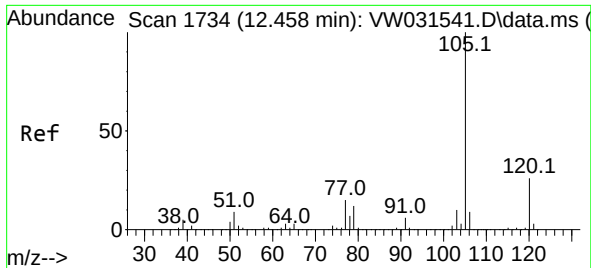
Ion Ratio Lower Upper

173 100

175 48.1 38.6 57.8

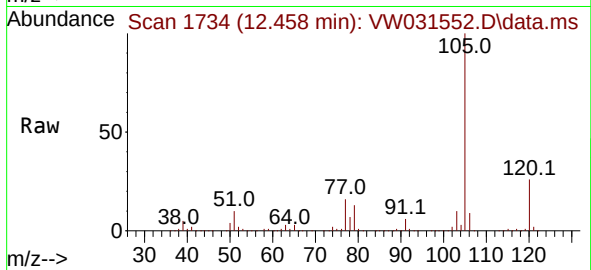
254 9.9 7.6 11.4



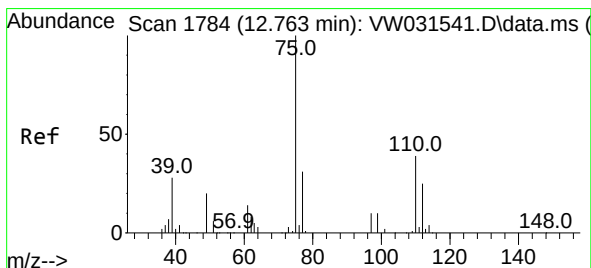
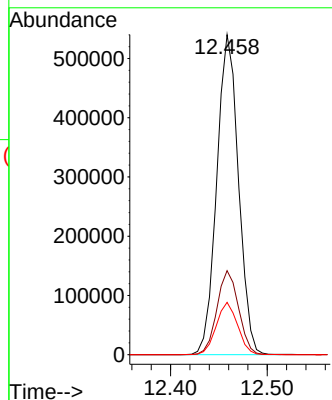
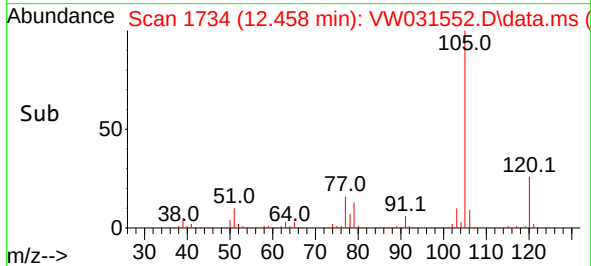


#60
Isopropylbenzene
Concen: 24.046 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW031552.D
Acq: 27 Dec 2024 15:36

Instrument :
MSVOA_W
ClientSampleId :

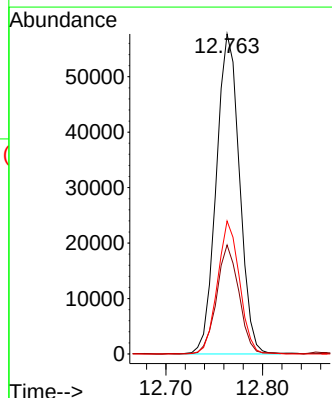
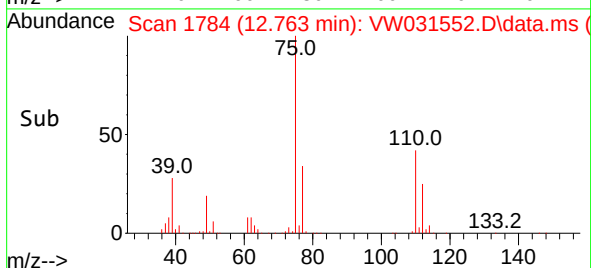
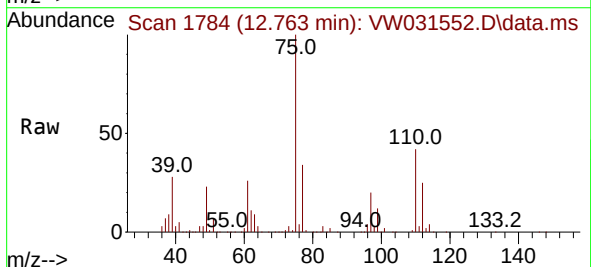


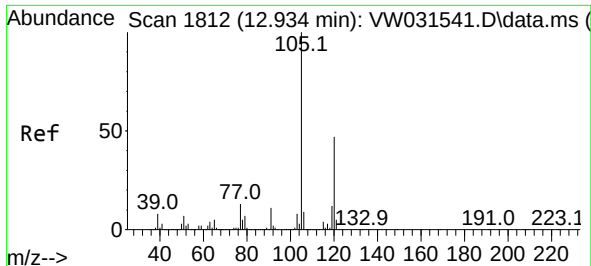
Tgt Ion:105 Resp: 841474
Ion Ratio Lower Upper
105 100
120 26.1 20.6 31.0
77 16.1 12.8 19.2



#61
1,2,3-Trichloropropane
Concen: 26.295 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW031552.D
Acq: 27 Dec 2024 15:36

Tgt Ion: 75 Resp: 96220
Ion Ratio Lower Upper
75 100
77 32.9 25.3 37.9
110 39.3 31.2 46.8





#62

1,3,5-Trimethylbenzene

Concen: 22.839 ug/L

RT: 12.934 min Scan# 1812

Delta R.T. 0.000 min

Lab File: VW031552.D

Acq: 27 Dec 2024 15:36

Instrument :

MSVOA_W

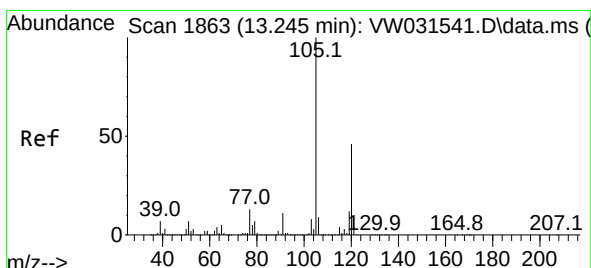
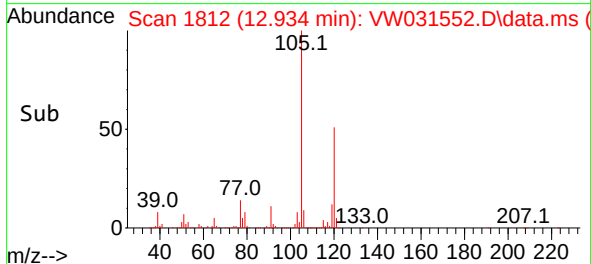
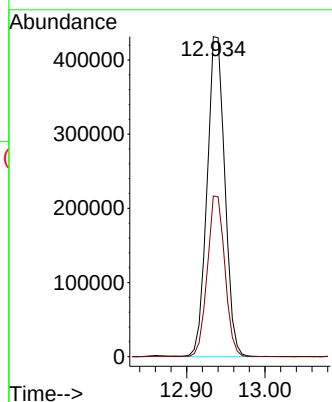
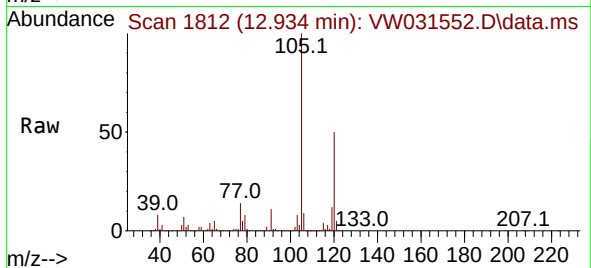
ClientSampleId :

Tgt Ion:105 Resp: 677594

Ion Ratio Lower Upper

105 100

120 49.7 37.3 55.9



#63

1,2,4-Trimethylbenzene

Concen: 23.475 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW031552.D

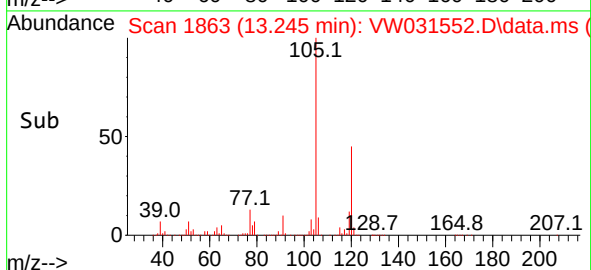
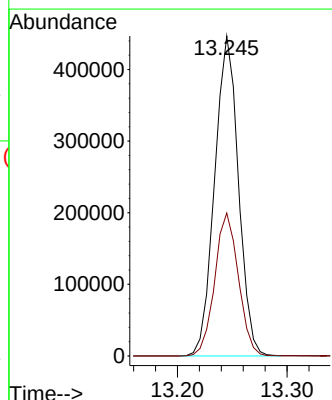
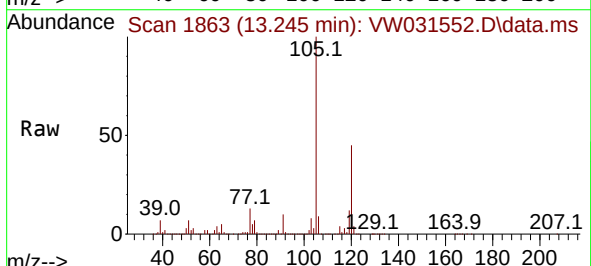
Acq: 27 Dec 2024 15:36

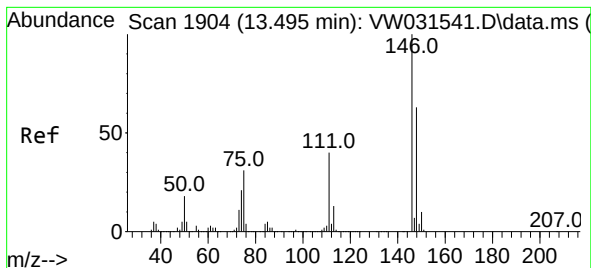
Tgt Ion:105 Resp: 673162

Ion Ratio Lower Upper

105 100

120 44.4 35.0 52.4

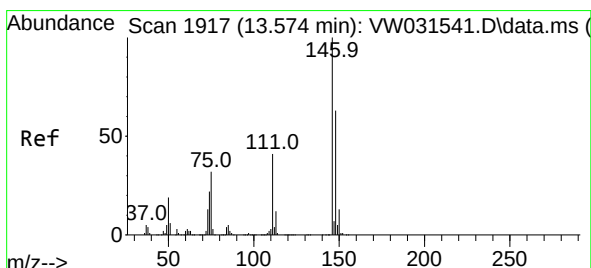
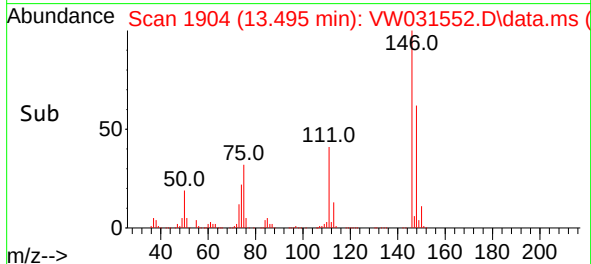
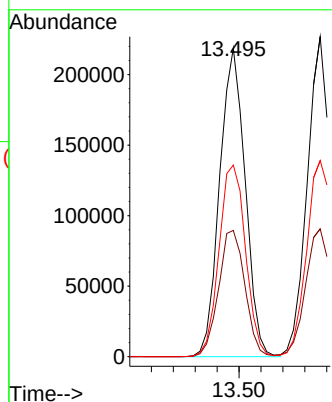
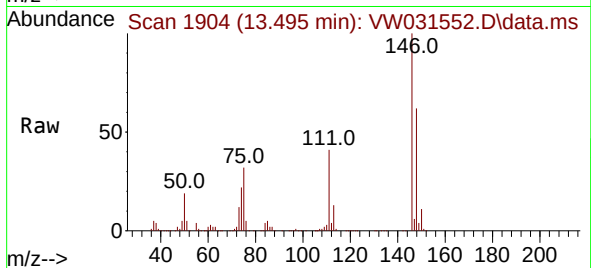




#64
1,3-Dichlorobenzene
Concen: 24.964 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW031552.D
Acq: 27 Dec 2024 15:36

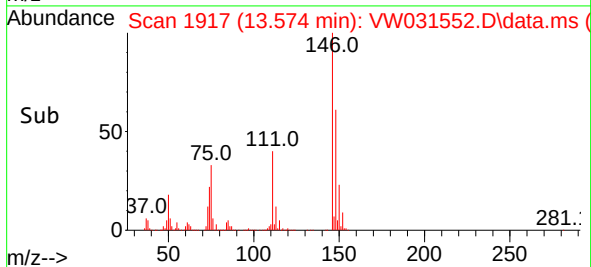
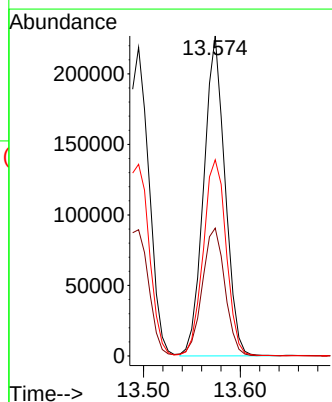
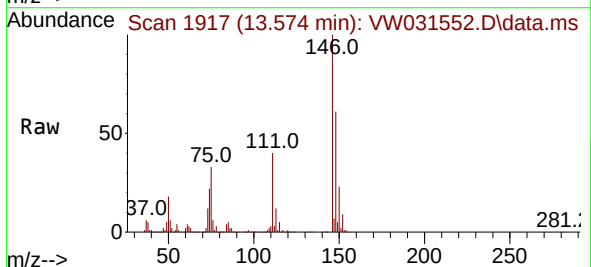
Instrument :
MSVOA_W
ClientSampleId :

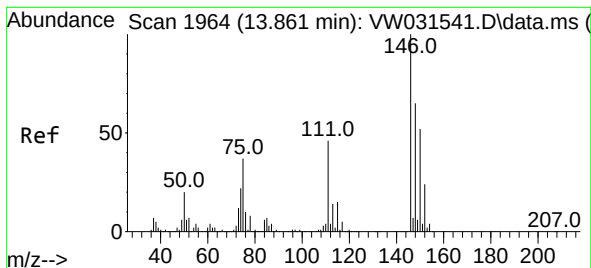
Tgt Ion:146 Resp: 353944
Ion Ratio Lower Upper
146 100
111 40.9 27.6 51.2
148 62.1 41.0 76.2



#65
1,4-Dichlorobenzene
Concen: 24.790 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW031552.D
Acq: 27 Dec 2024 15:36

Tgt Ion:146 Resp: 348256
Ion Ratio Lower Upper
146 100
111 39.9 30.7 56.9
148 61.3 46.5 86.3





#67

1,2-Dichlorobenzene

Concen: 26.183 ug/L

RT: 13.867 min Scan# 1964

Delta R.T. 0.006 min

Lab File: VW031552.D

Acq: 27 Dec 2024 15:36

Instrument :

MSVOA_W

ClientSampleId :

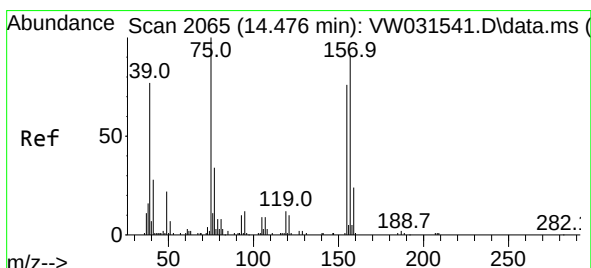
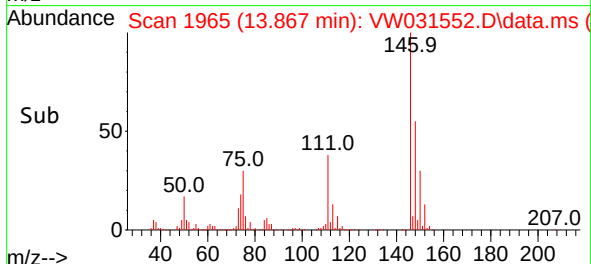
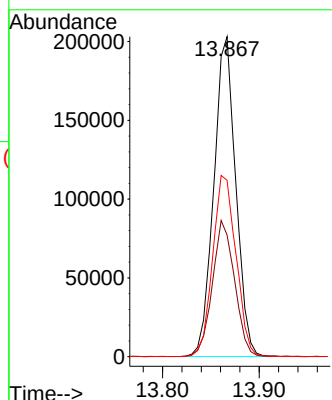
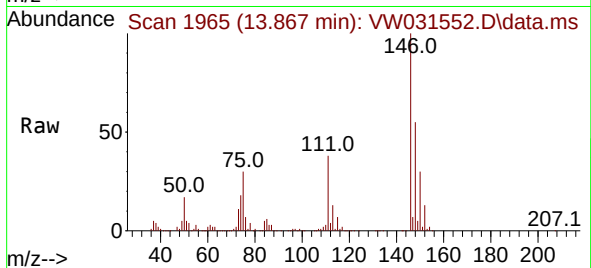
Tgt Ion:146 Resp: 319861

Ion Ratio Lower Upper

146 100

111 38.0 38.6 58.0#

148 55.1 53.6 80.4



#68

1,2-Dibromo-3-chloropropane

Concen: 21.361 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW031552.D

Acq: 27 Dec 2024 15:36

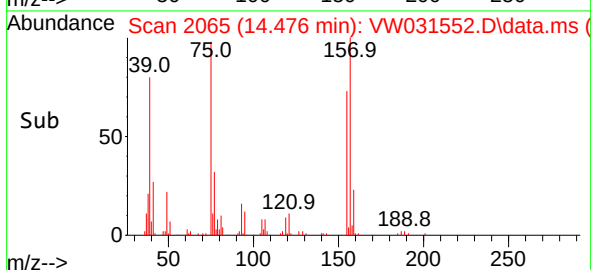
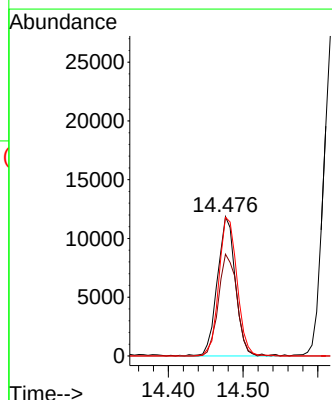
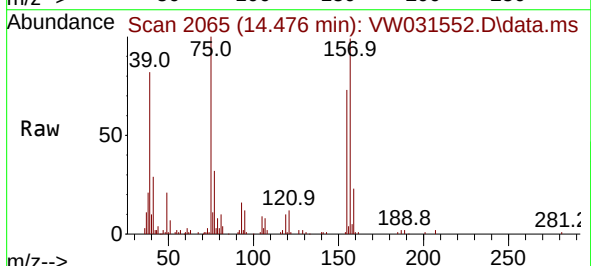
Tgt Ion: 75 Resp: 19836

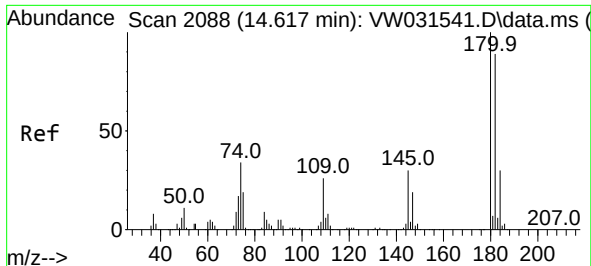
Ion Ratio Lower Upper

75 100

155 73.0 56.6 85.0

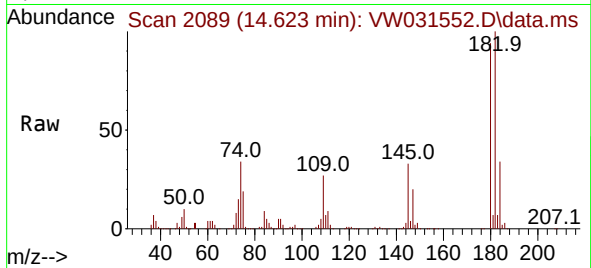
157 99.5 71.2 106.8



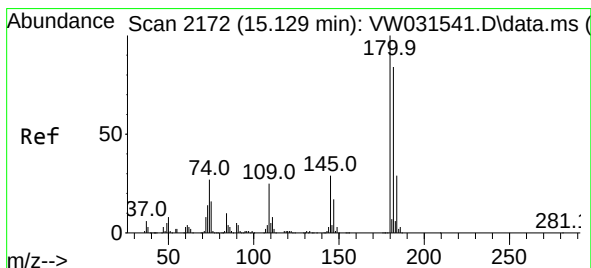
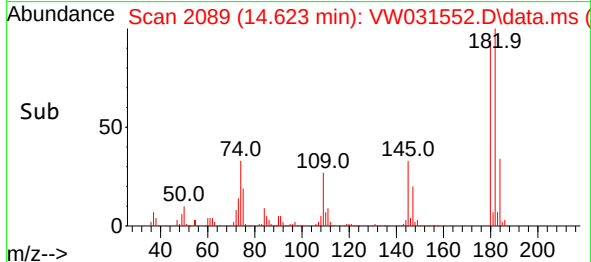
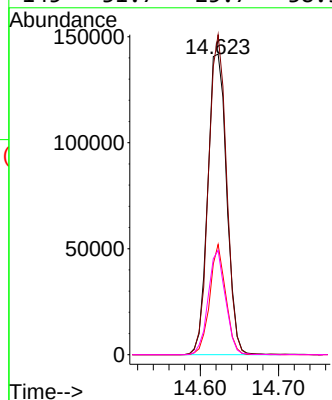


#69
1,3,5-Trichlorobenzene
Concen: 23.964 ug/L
RT: 14.623 min Scan# 2088
Delta R.T. 0.006 min
Lab File: VW031552.D
Acq: 27 Dec 2024 15:36

Instrument :
MSVOA_W
ClientSampleId :

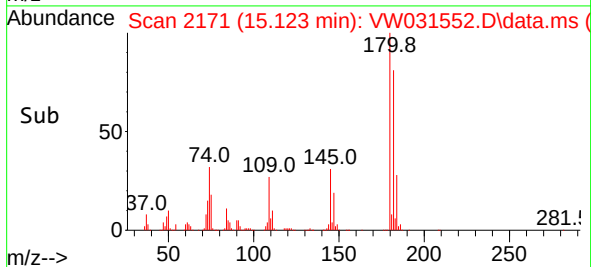
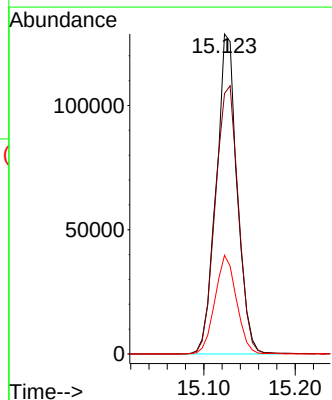
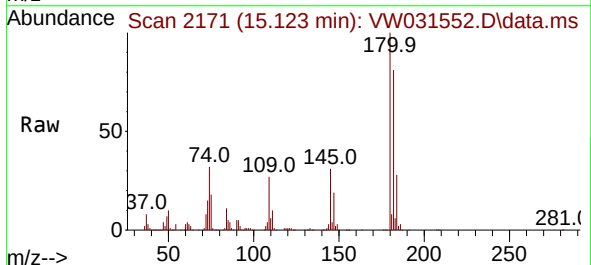


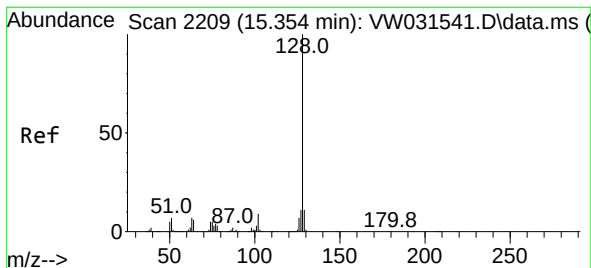
Tgt Ion:180 Resp: 237964
Ion Ratio Lower Upper
180 100
182 101.2 75.0 112.4
184 31.0 24.6 36.8
145 31.7 25.7 38.5



#70
1,2,4-trichlorobenzene
Concen: 24.868 ug/L
RT: 15.123 min Scan# 2171
Delta R.T. -0.006 min
Lab File: VW031552.D
Acq: 27 Dec 2024 15:36

Tgt Ion:180 Resp: 205414
Ion Ratio Lower Upper
180 100
182 92.1 78.2 117.2
145 31.7 26.7 40.1





#71

Naphthalene

Concen: 26.335 ug/L

RT: 15.360 min Scan# 21

Delta R.T. 0.006 min

Lab File: VW031552.D

Acq: 27 Dec 2024 15:36

Instrument :

MSVOA_W

ClientSampleId :

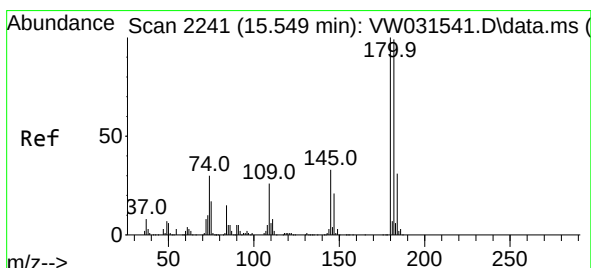
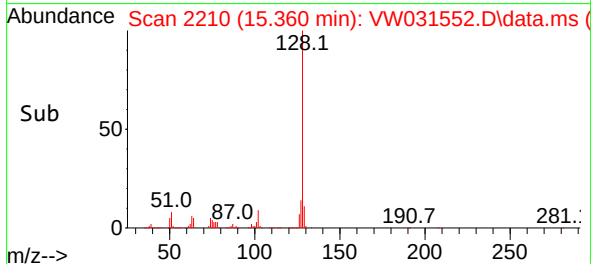
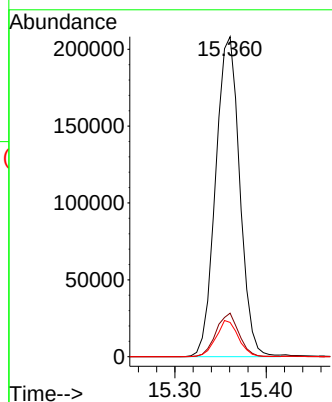
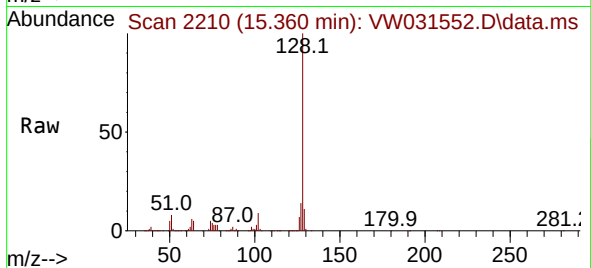
Tgt Ion:128 Resp: 381378

Ion Ratio Lower Upper

128 100

127 12.9 10.7 16.1

129 10.6 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 25.597 ug/L

RT: 15.543 min Scan# 2240

Delta R.T. -0.006 min

Lab File: VW031552.D

Acq: 27 Dec 2024 15:36

Tgt Ion:180 Resp: 170351

Ion Ratio Lower Upper

180 100

182 92.6 75.0 112.4

145 34.4 27.8 41.6

