

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101424\
 Data File : VW030596.D
 Acq On : 14 Oct 2024 18:19
 Operator : SY/MD
 Sample : P4346-09 MSD
 Misc : 2.84g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 15 01:12:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Oct 15 01:09:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	295379	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	269260	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	136583	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	94062	20.259	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.040%
7) Chloroethane-d5	2.905	69	82189	23.386	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.560%
11) 1,1-Dichloroethene-d2	4.021	65	40907	21.183	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.720%
21) 2-Butanone-d5	7.081	46	45309	54.227	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.460%
24) Chloroform-d	7.648	84	210215	24.886	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.560%
26) 1,2-Dichloroethane-d4	8.307	65	105995	24.131	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.520%
32) Benzene-d6	8.276	84	382002	24.444	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.760%
36) 1,2-Dichloropropane-d6	9.276	67	115784	25.242	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.960%
41) Toluene-d8	10.325	98	357378	25.050	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.200%
43) trans-1,3-Dichloroprop...	10.575	79	47887	24.932	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.720%
47) 2-Hexanone-d5	10.922	63	36279	61.407	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.820%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	93606	27.788	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.160%
66) 1,2-Dichlorobenzene-d4	13.848	152	118725	25.690	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.760%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	80785	21.406	ug/L	99
3) Chloromethane	2.222	50	91744	20.917	ug/L	99
5) Vinyl chloride	2.375	62	122521	22.714	ug/L	97
6) Bromomethane	2.789	94	82885	23.346	ug/L	96
8) Chloroethane	2.936	64	76727	23.269	ug/L	100
9) Trichlorofluoromethane	3.271	101	107990	22.375	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	95258	21.937	ug/L	97
12) 1,1-Dichloroethene	4.045	96	90638	22.871	ug/L	97
13) Acetone	4.125	43	55538	45.401	ug/L	96
14) Carbon disulfide	4.393	76	262781	20.306	ug/L	98
15) Methyl Acetate	4.673	43	35930	23.778	ug/L	97
16) Methylene chloride	4.923	84	103617	23.204	ug/L	94
17) trans-1,2-Dichloroethene	5.441	96	98481	23.030	ug/L	96
18) Methyl tert-butyl Ether	5.435	73	158048	26.408	ug/L	99
19) 1,1-Dichloroethane	6.216	63	188410	23.706	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	112067	24.570	ug/L	98
22) 2-Butanone	7.173	43	58503	44.368	ug/L	96
23) Bromochloromethane	7.514	128	47903	24.007	ug/L	96
25) Chloroform	7.679	83	202661	23.861	ug/L	99

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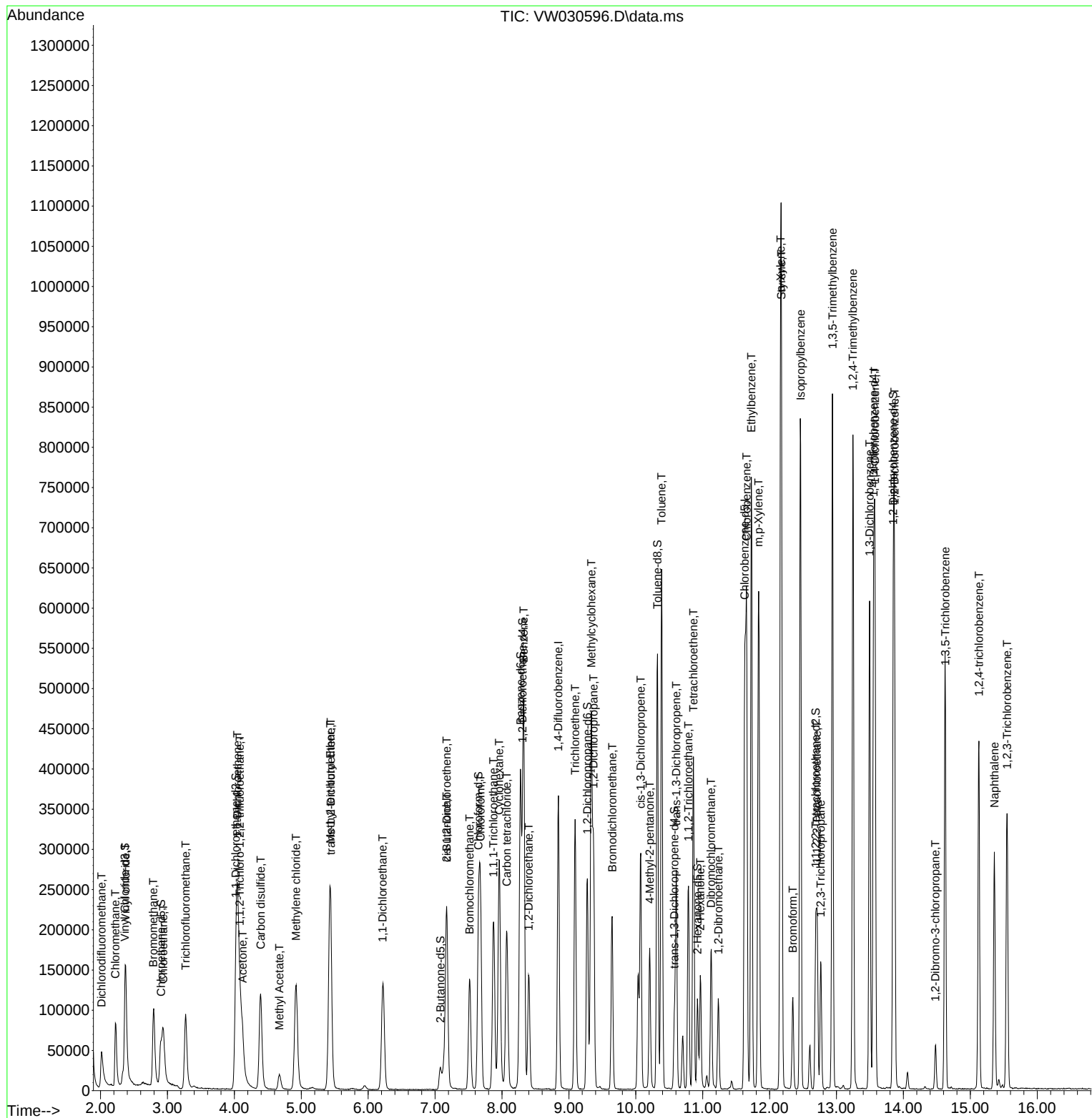
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	129957	23.193	ug/L	100
29) Cyclohexane	7.959	56	153977	23.492	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	167748	23.469	ug/L	99
31) Carbon tetrachloride	8.069	117	147831	23.156	ug/L	97
33) Benzene	8.325	78	420828	24.017	ug/L	100
34) Trichloroethene	9.093	95	112873	23.154	ug/L	96
35) Methylcyclohexane	9.337	83	182493	23.788	ug/L	98
37) 1,2-Dichloropropane	9.367	63	105783	24.172	ug/L	100
38) Bromodichloromethane	9.648	83	140669	24.160	ug/L	97
39) cis-1,3-Dichloropropene	10.075	75	167152	25.322	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	107817	51.283	ug/L	99
42) Toluene	10.386	91	461735	24.700	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	135992	24.516	ug/L	97
45) 1,1,2-Trichloroethane	10.788	97	77848	24.613	ug/L	99
46) Tetrachloroethene	10.861	164	86153	23.962	ug/L	92
48) 2-Hexanone	10.965	43	86417	50.263	ug/L	99
49) Dibromochloromethane	11.123	129	86456	24.498	ug/L	94
50) 1,2-Dibromoethane	11.233	107	73240	24.816	ug/L	99
51) Chlorobenzene	11.654	112	293697	24.406	ug/L	98
52) Ethylbenzene	11.727	91	528543	24.779	ug/L	96
53) m,p-Xylene	11.837	106	201559	25.222	ug/L	95
54) o-Xylene	12.166	106	187257	25.346	ug/L	95
55) Styrene	12.178	104	324450	25.689	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	89094	24.979	ug/L	98
59) Bromoform	12.349	173	47963	24.994	ug/L	100
60) Isopropylbenzene	12.464	105	546180	25.822	ug/L	97
61) 1,2,3-Trichloropropane	12.763	75	63195	23.777	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	432552	25.921	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	423242	25.905	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	231464	25.141	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	230763	24.274	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	203064	25.065	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	13373	22.566	ug/L	96
69) 1,3,5-Trichlorobenzene	14.629	180	150421	24.776	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	127958	26.180	ug/L	94
71) Naphthalene	15.360	128	235735	27.917	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	108287	25.557	ug/L	100

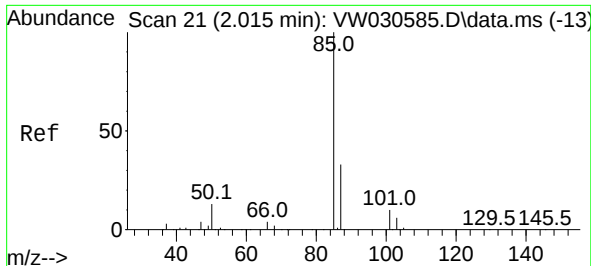
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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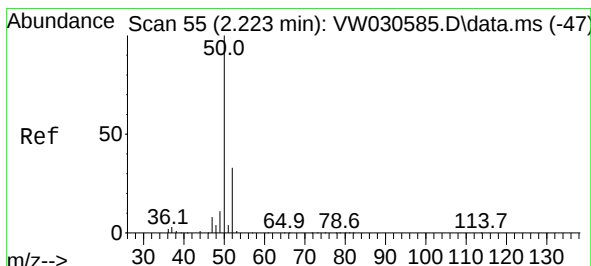
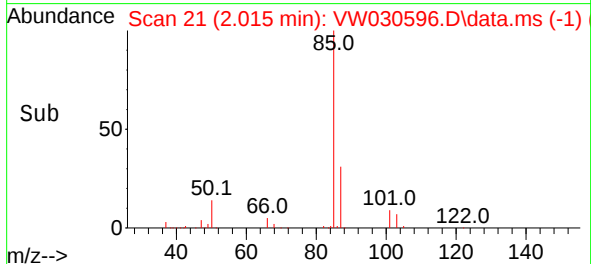
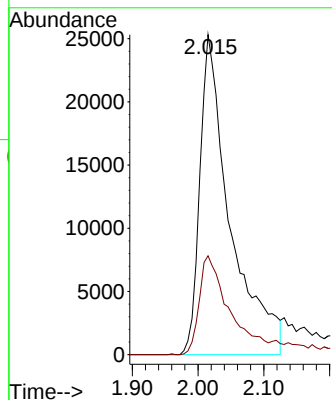
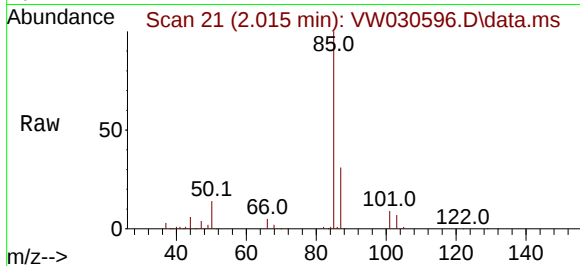




#2
 Dichlorodifluoromethane
 Concen: 21.406 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW030596.D
 Acq: 14 Oct 2024 18:19

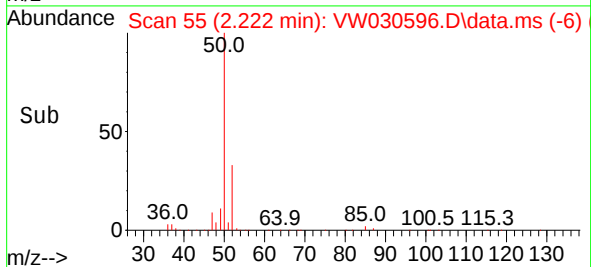
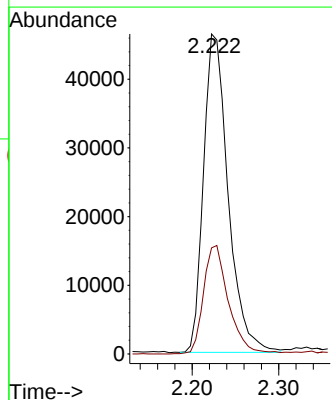
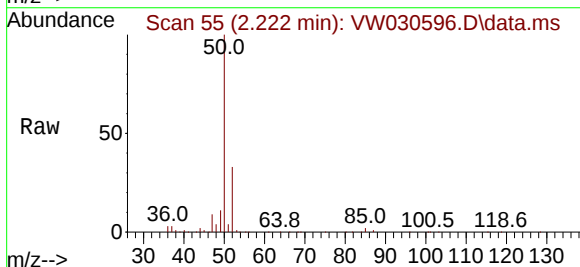
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 MSVOA_W
 ClientSampleId :

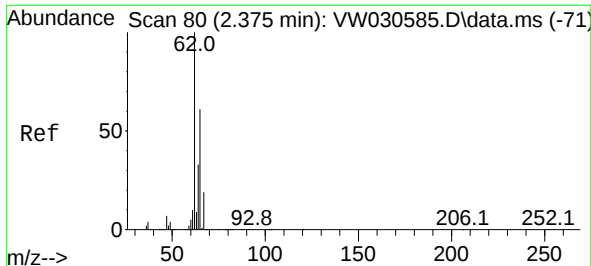
Tgt Ion: 85 Resp: 80785
 Ion Ratio Lower Upper
 85 100
 87 29.4 23.8 35.6



#3
 Chloromethane
 Concen: 20.917 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW030596.D
 Acq: 14 Oct 2024 18:19

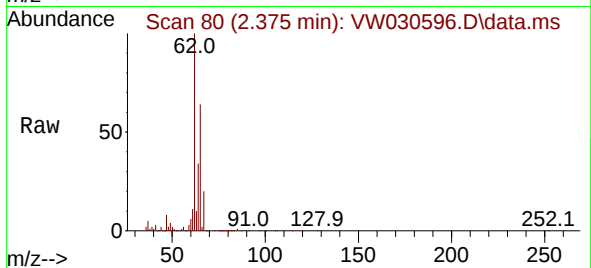
Tgt Ion: 50 Resp: 91744
 Ion Ratio Lower Upper
 50 100
 52 33.1 23.7 43.9



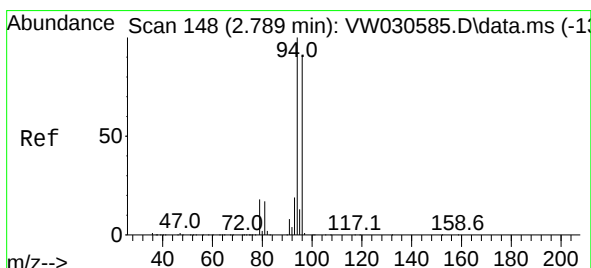
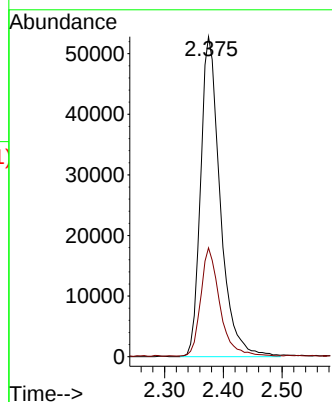
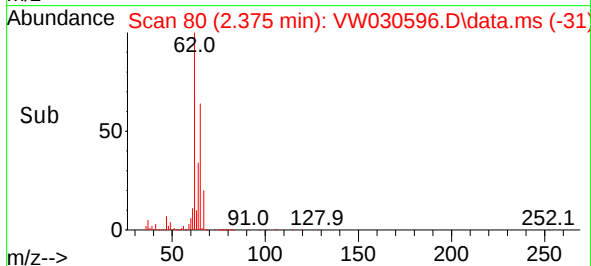


#5
 Vinyl chloride
 Concen: 22.714 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW030596.D
 Acq: 14 Oct 2024 18:19

Instrument :
 MSVOA_W
 ClientSampleId :

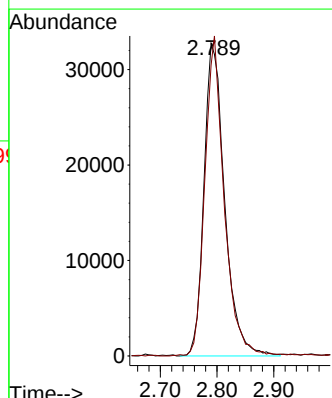
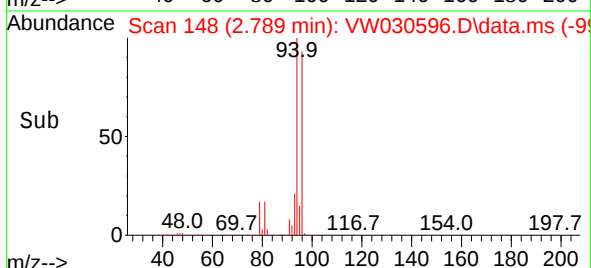
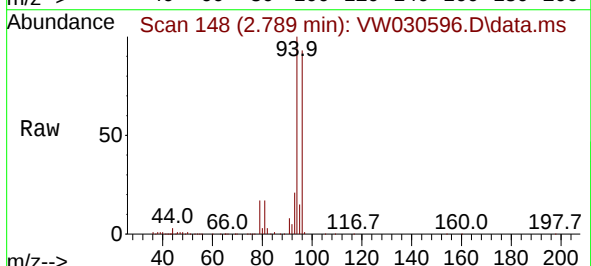


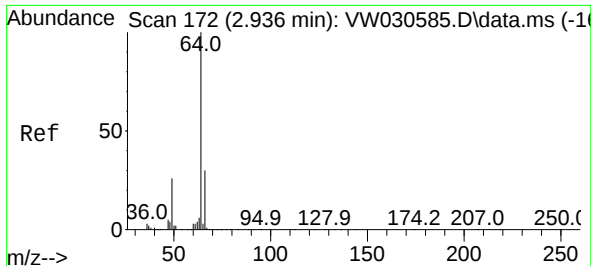
Tgt Ion: 62 Resp: 122521
 Ion Ratio Lower Upper
 62 100
 64 34.0 22.6 42.0



#6
 Bromomethane
 Concen: 23.346 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW030596.D
 Acq: 14 Oct 2024 18:19

Tgt Ion: 94 Resp: 82885
 Ion Ratio Lower Upper
 94 100
 96 93.0 62.6 116.2

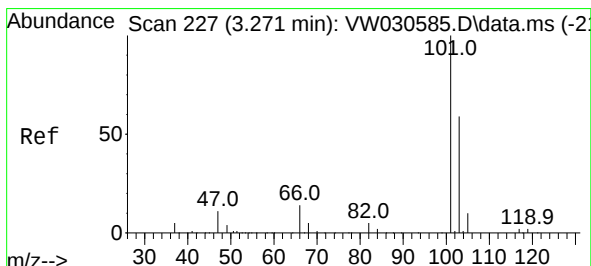
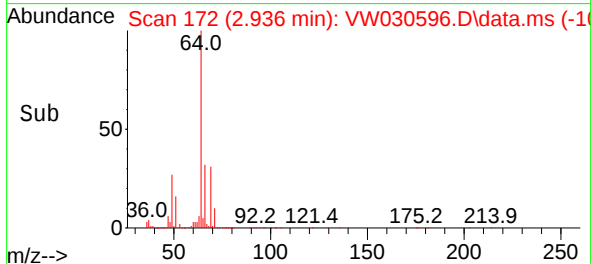
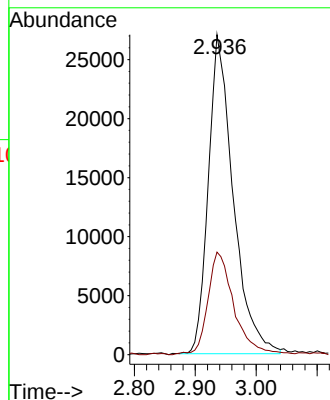
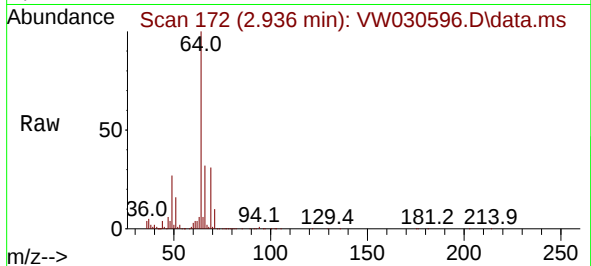




#8
Chloroethane
Concen: 23.269 ug/L
RT: 2.936 min Scan# 172
Delta R.T. -0.000 min
Lab File: VW030596.D
Acq: 14 Oct 2024 18:19

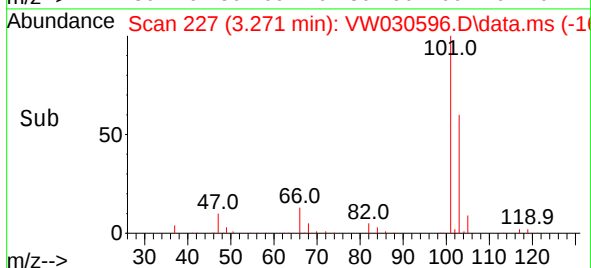
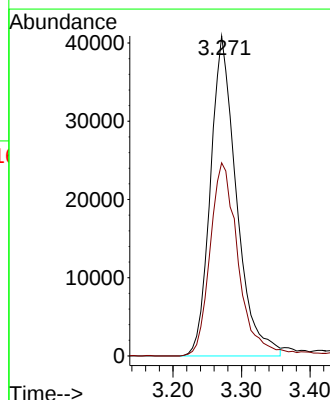
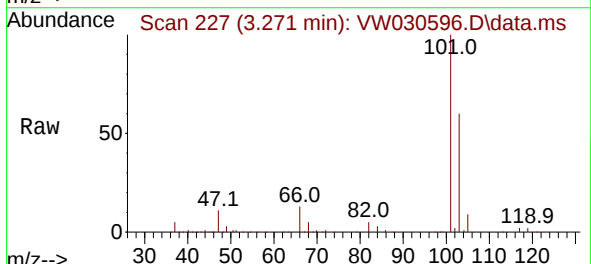
Instrument :
MSVOA_W
ClientSampleId :

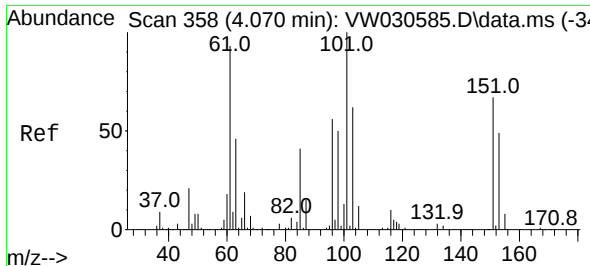
Tgt Ion: 64 Resp: 76727
Ion Ratio Lower Upper
64 100
66 32.1 22.3 41.5



#9
Trichlorofluoromethane
Concen: 22.375 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.000 min
Lab File: VW030596.D
Acq: 14 Oct 2024 18:19

Tgt Ion:101 Resp: 107990
Ion Ratio Lower Upper
101 100
103 65.2 51.1 76.7





#10

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

Concen: 21.937 ug/L

RT: 4.082 min Scan# 3

Delta R.T. 0.012 min

Lab File: VW030596.D

Acq: 14 Oct 2024 18:19

Instrument :

MSVOA_W

ClientSampleId :

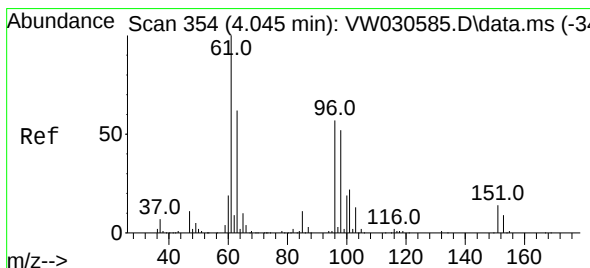
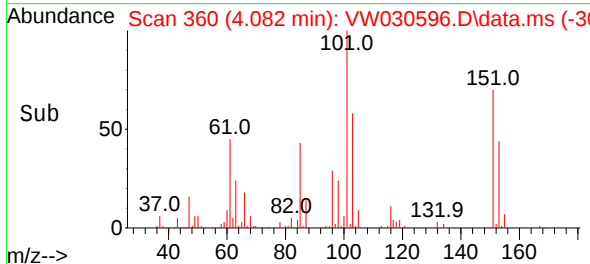
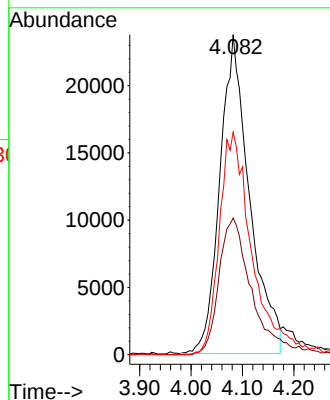
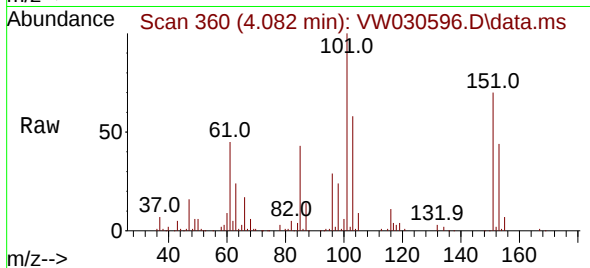
Tgt Ion:101 Resp: 95258

Ion Ratio Lower Upper

101 100

85 46.5 35.7 53.5

151 72.0 56.1 84.1



#12

1,1-Dichloroethene

Concen: 22.871 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.000 min

Lab File: VW030596.D

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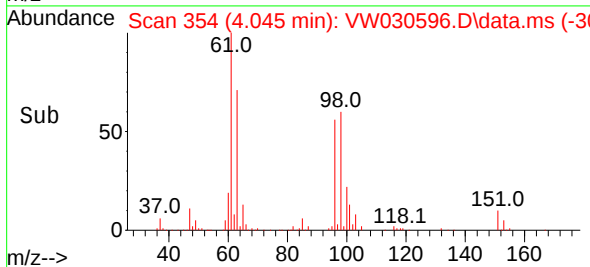
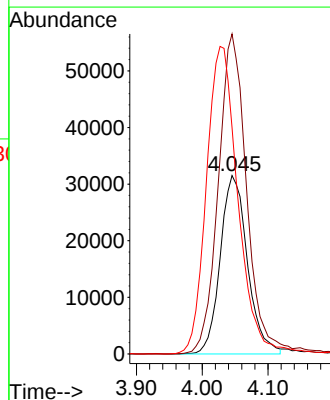
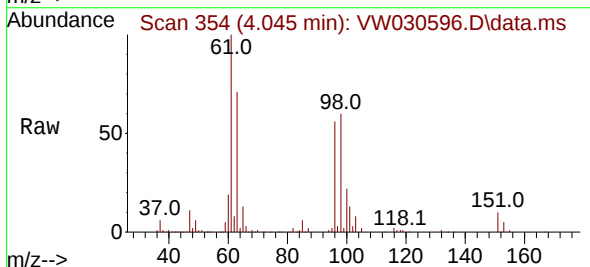
Tgt Ion: 96 Resp: 90638

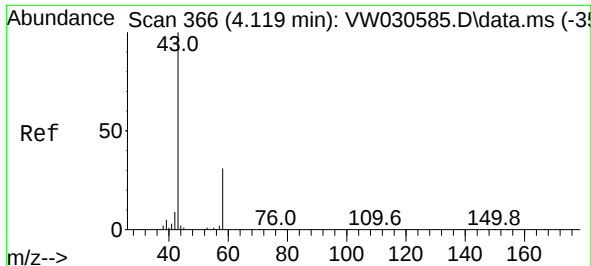
Ion Ratio Lower Upper

96 100

61 179.4 121.3 225.3

63 126.9 87.6 162.8

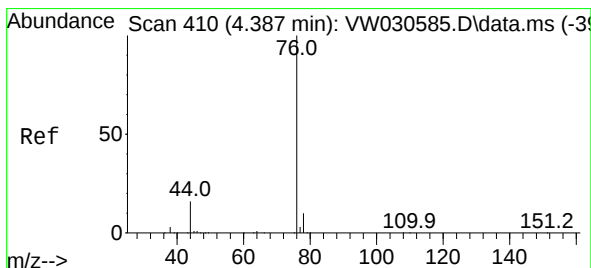
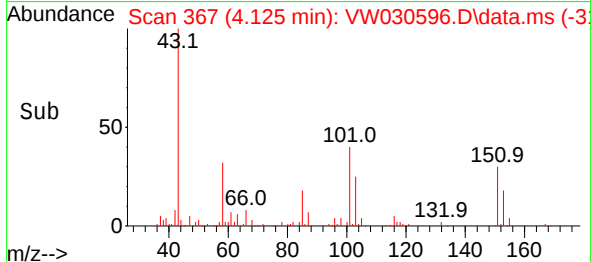
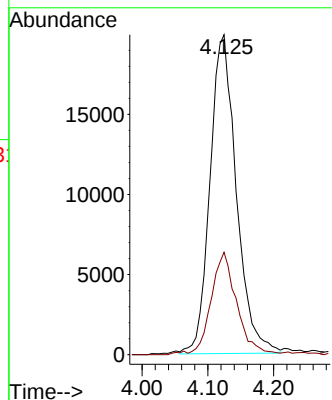
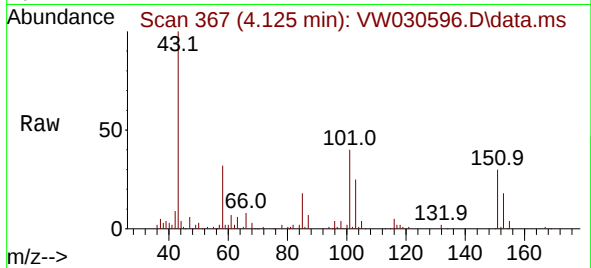




#13
Acetone
Concen: 45.401 ug/L
RT: 4.125 min Scan# 367
Delta R.T. 0.006 min
Lab File: VW030596.D
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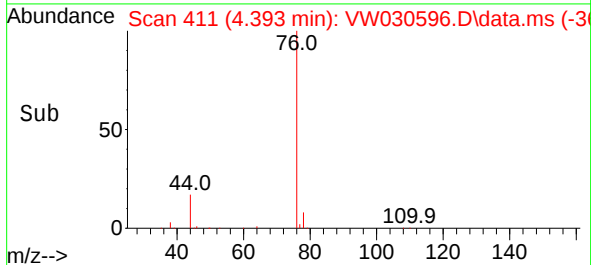
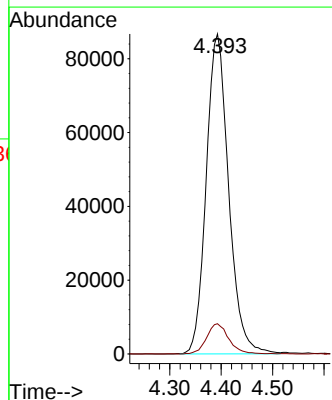
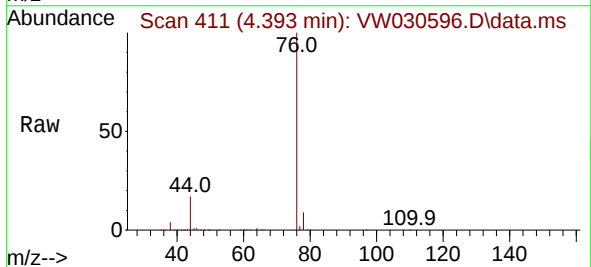
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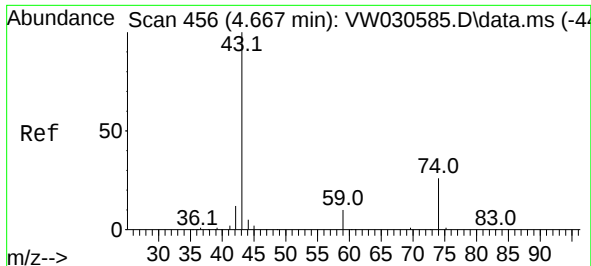
Tgt Ion: 43 Resp: 55538
Ion Ratio Lower Upper
43 100
58 30.9 0.0 57.6



#14
Carbon disulfide
Concen: 20.306 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
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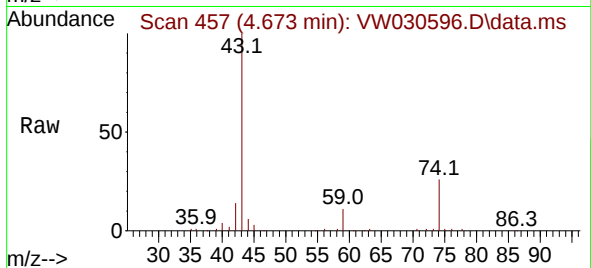
Tgt Ion: 76 Resp: 262781
Ion Ratio Lower Upper
76 100
78 9.5 7.1 10.7



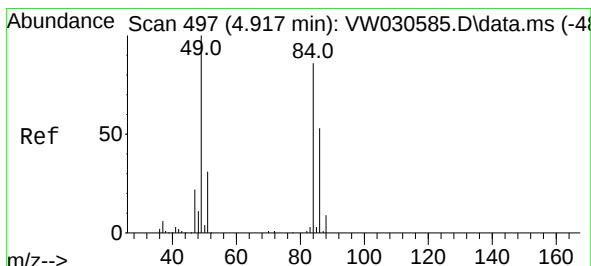
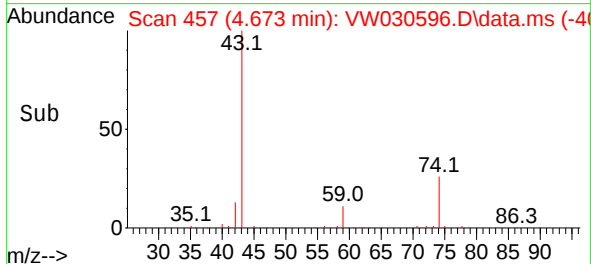
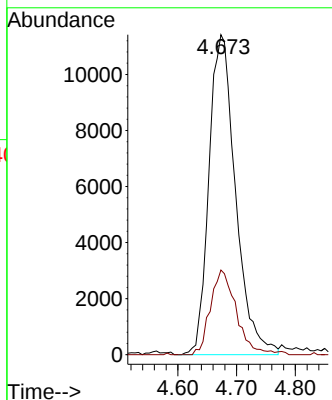


#15
Methyl Acetate
Concen: 23.778 ug/L
RT: 4.673 min Scan# 456
Delta R.T. 0.006 min
Lab File: VW030596.D
Acq: 14 Oct 2024 18:19

Instrument :
MSVOA_W
ClientSampleId :

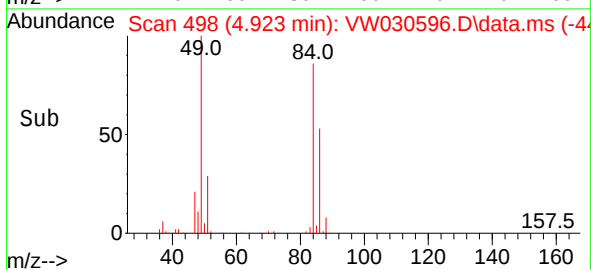
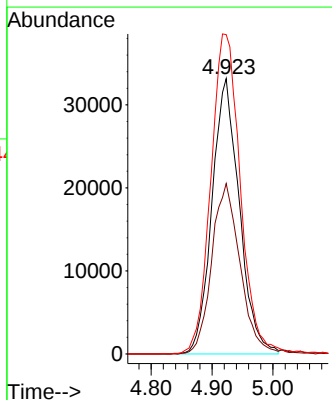
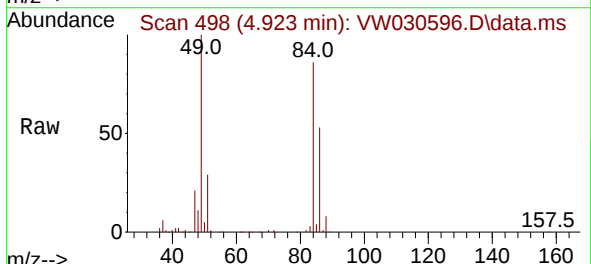


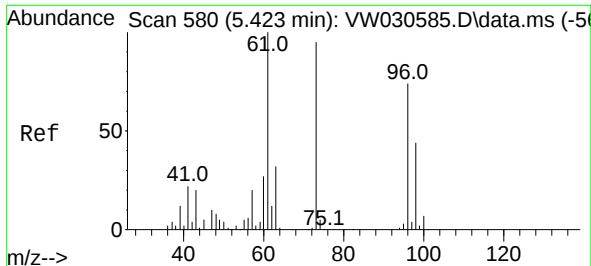
Tgt Ion: 43 Resp: 35930
Ion Ratio Lower Upper
43 100
74 25.4 19.3 28.9



#16
Methylene chloride
Concen: 23.204 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW030596.D
Acq: 14 Oct 2024 18:19

Tgt Ion: 84 Resp: 103617
Ion Ratio Lower Upper
84 100
86 61.9 43.8 81.3
49 116.0 88.3 164.1





#17

trans-1,2-Dichloroethene

Concen: 23.030 ug/L

RT: 5.441 min Scan# 580

Delta R.T. 0.018 min

Lab File: VW030596.D

Acq: 14 Oct 2024 18:19

Instrument :

MSVOA_W

ClientSampleId :

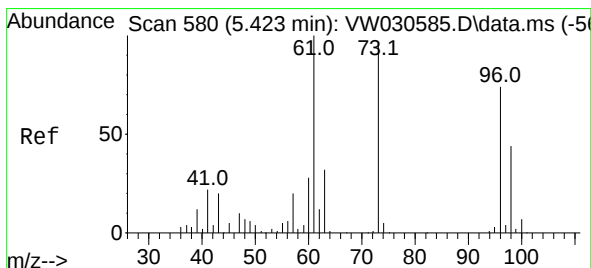
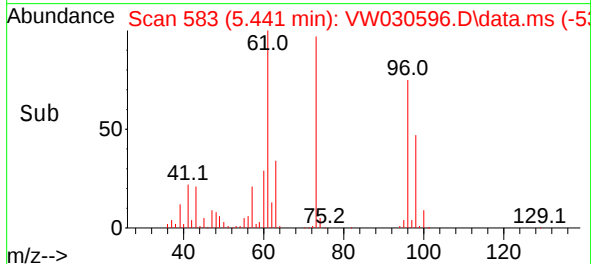
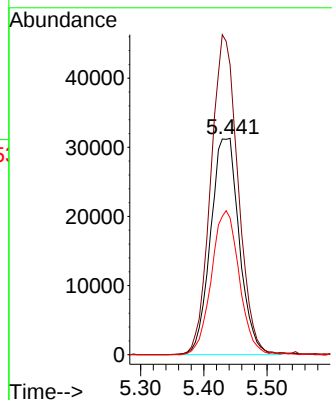
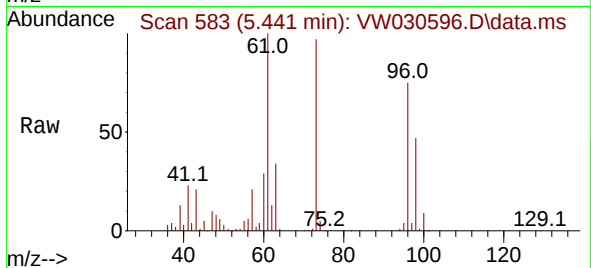
Tgt Ion: 96 Resp: 98481

Ion Ratio Lower Upper

96 100

61 133.9 96.9 179.9

98 63.2 42.2 78.4



#18

Methyl tert-butyl Ether

Concen: 26.408 ug/L

RT: 5.435 min Scan# 582

Delta R.T. 0.012 min

Lab File: VW030596.D

Acq: 14 Oct 2024 18:19

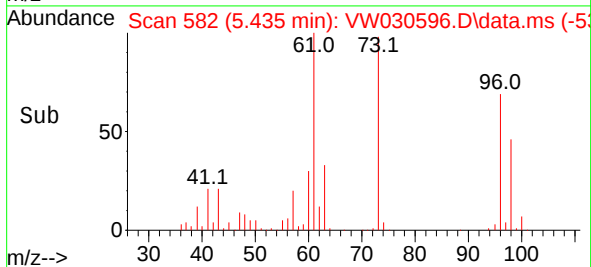
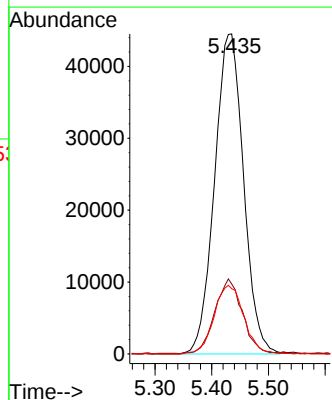
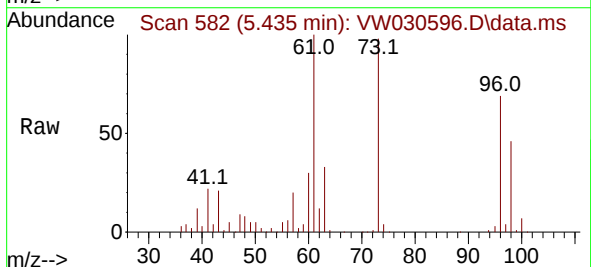
Tgt Ion: 73 Resp: 158048

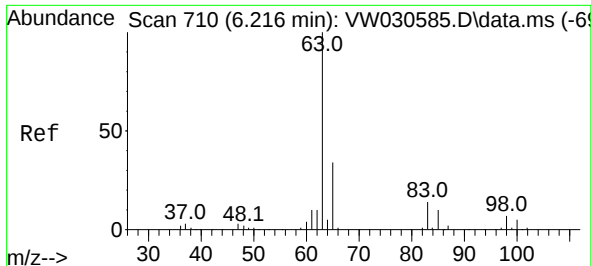
Ion Ratio Lower Upper

73 100

43 21.8 18.1 27.1

57 22.0 17.7 26.5





#19

1,1-Dichloroethane

Concen: 23.706 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW030596.D

Acq: 14 Oct 2024 18:19

Instrument :

MSVOA_W

ClientSampleId :

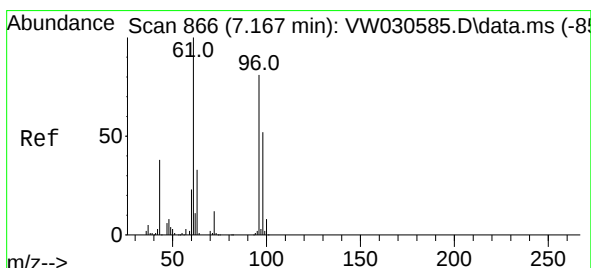
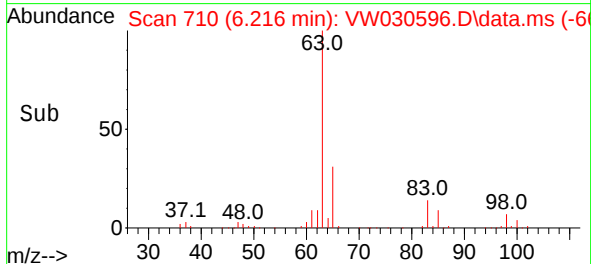
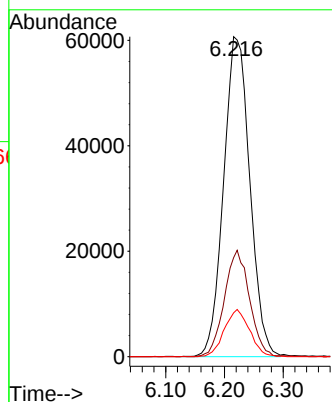
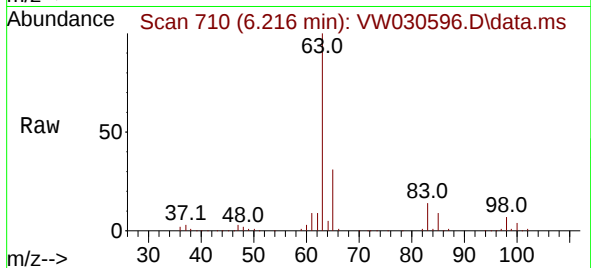
Tgt Ion: 63 Resp: 188410

Ion Ratio Lower Upper

63 100

65 30.9 22.5 41.9

83 13.7 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 24.570 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW030596.D

Acq: 14 Oct 2024 18:19

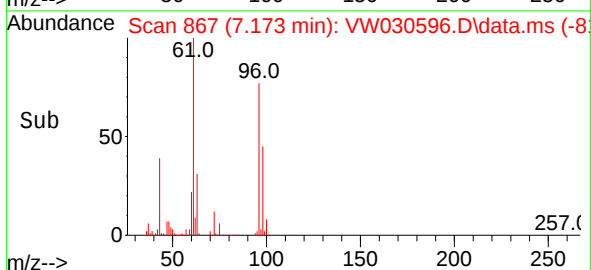
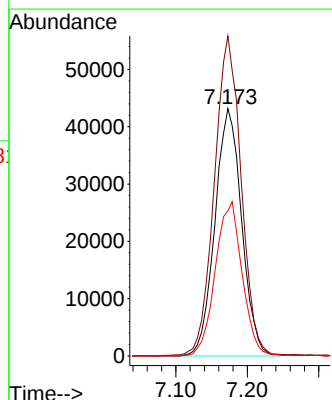
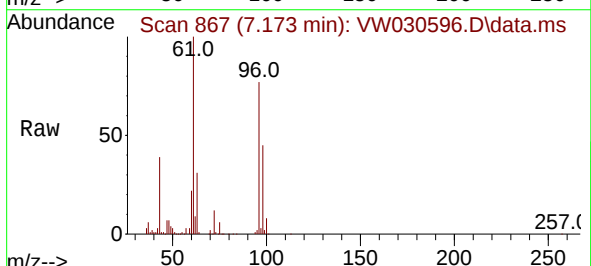
Tgt Ion: 96 Resp: 112067

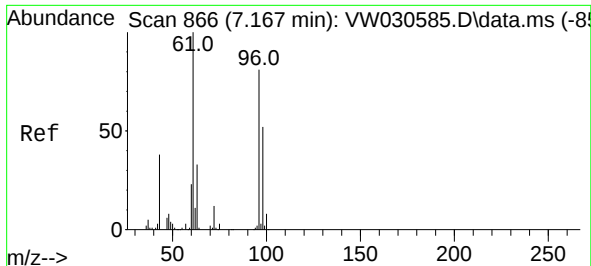
Ion Ratio Lower Upper

96 100

61 129.4 88.3 163.9

98 58.6 41.3 76.7





#22

2-Butanone

Concen: 44.368 ug/L

RT: 7.173 min Scan# 866

Delta R.T. 0.006 min

Lab File: VW030596.D

Acq: 14 Oct 2024 18:19

Instrument :

MSVOA_W

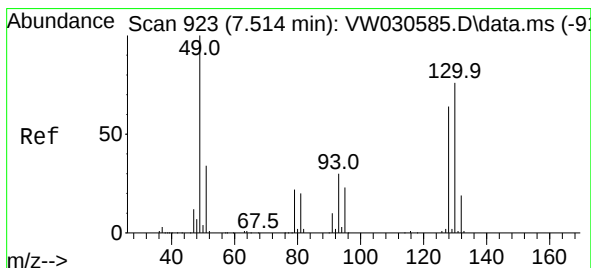
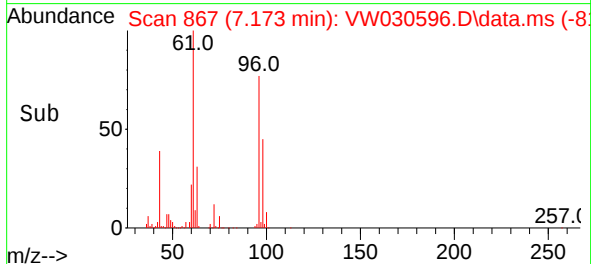
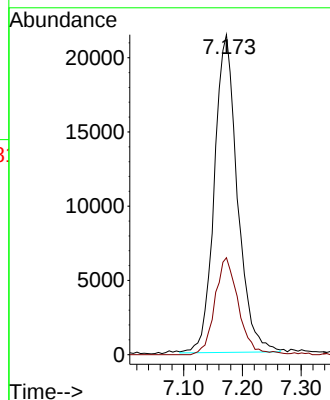
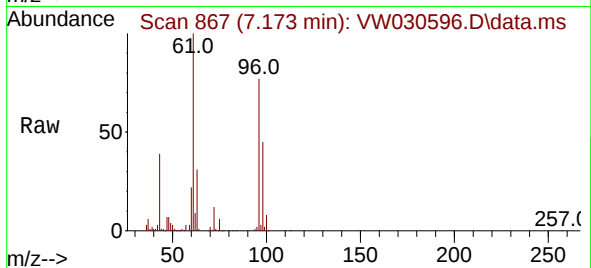
ClientSampleId :

Tgt Ion: 43 Resp: 58503

Ion Ratio Lower Upper

43 100

72 30.7 14.4 43.0



#23

Bromochloromethane

Concen: 24.007 ug/L

RT: 7.514 min Scan# 923

Delta R.T. -0.000 min

Lab File: VW030596.D

Acq: 14 Oct 2024 18:19

Tgt Ion: 128 Resp: 47903

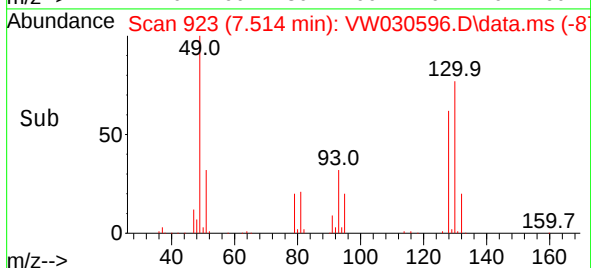
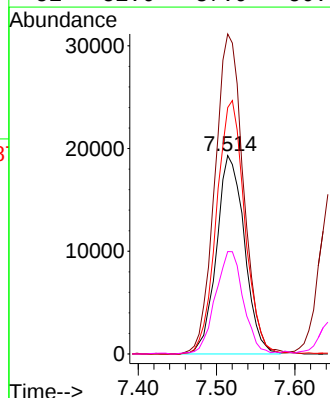
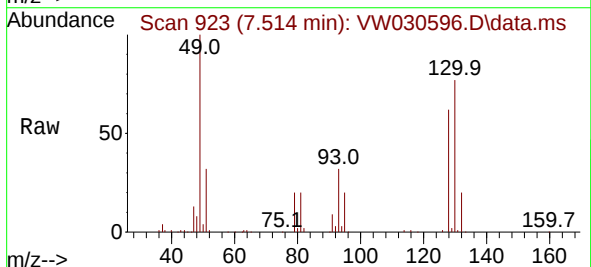
Ion Ratio Lower Upper

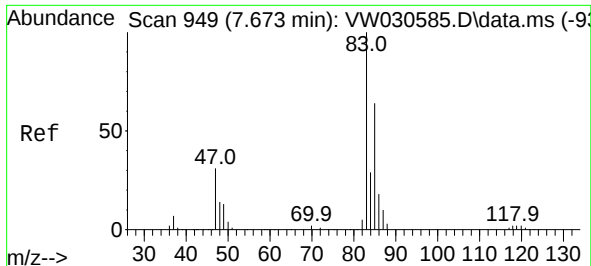
128 100

49 161.4 110.1 204.5

130 124.2 82.9 153.9

51 51.6 37.9 56.9





#25

Chloroform

Concen: 23.861 ug/L

RT: 7.679 min Scan# 949

Delta R.T. 0.006 min

Lab File: VW030596.D

Acq: 14 Oct 2024 18:19

Instrument :

MSVOA_W

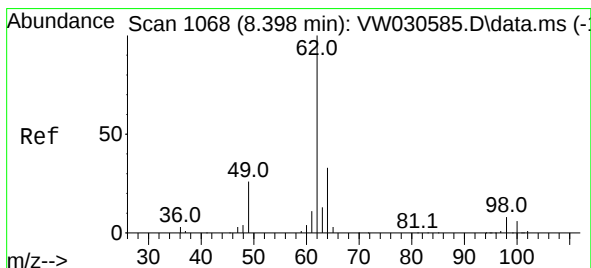
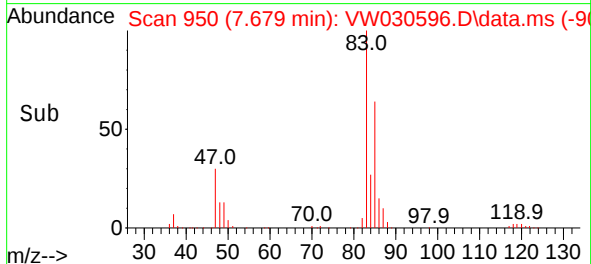
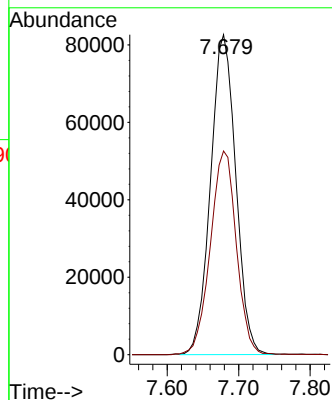
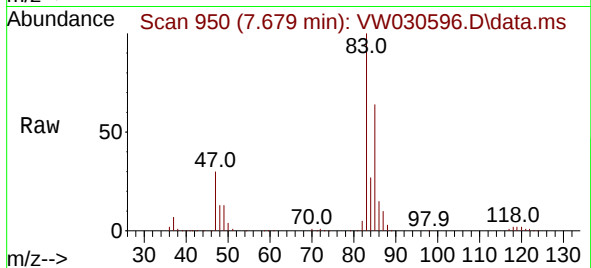
ClientSampleId :

Tgt Ion: 83 Resp: 202661

Ion Ratio Lower Upper

83 100

85 63.6 45.1 83.7



#27

1,2-Dichloroethane

Concen: 23.193 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW030596.D

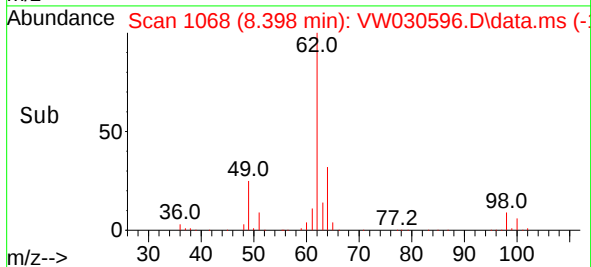
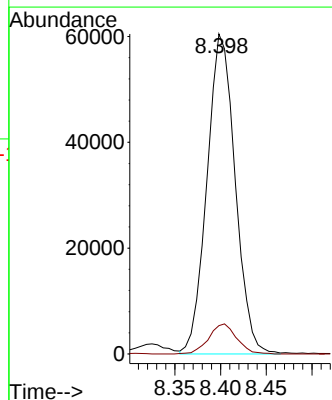
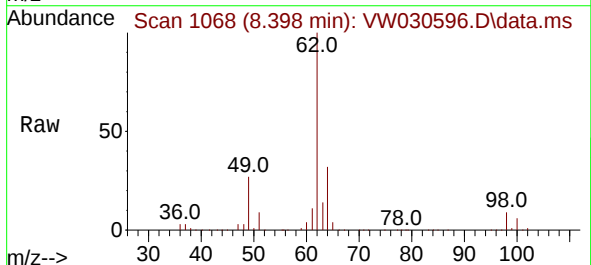
Acq: 14 Oct 2024 18:19

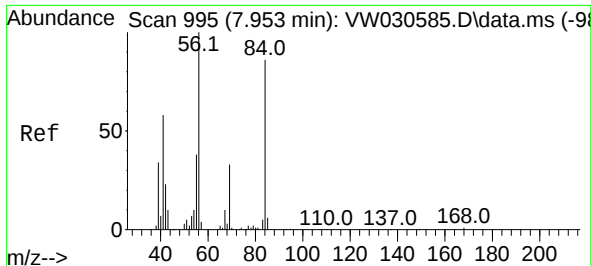
Tgt Ion: 62 Resp: 129957

Ion Ratio Lower Upper

62 100

98 8.9 7.0 10.6





#29

Cyclohexane

Concen: 23.492 ug/L

RT: 7.959 min Scan# 995

Delta R.T. 0.006 min

Lab File: VW030596.D

Acq: 14 Oct 2024 18:19

Instrument :

MSVOA_W

ClientSampleId :

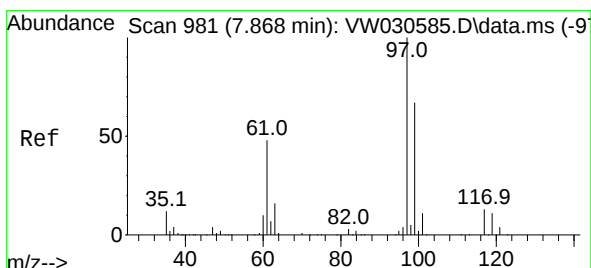
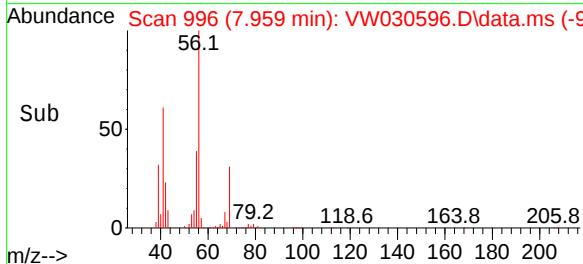
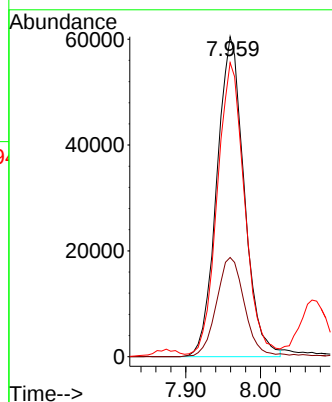
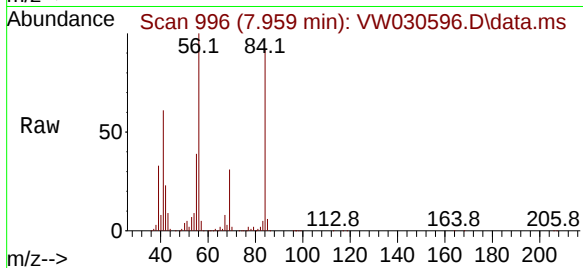
Tgt Ion: 56 Resp: 153977

Ion Ratio Lower Upper

56 100

69 31.5 25.4 38.0

84 92.0 72.3 108.5



#30

1,1,1-Trichloroethane

Concen: 23.469 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.006 min

Lab File: VW030596.D

Acq: 14 Oct 2024 18:19

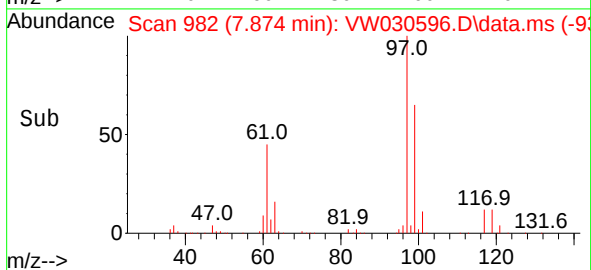
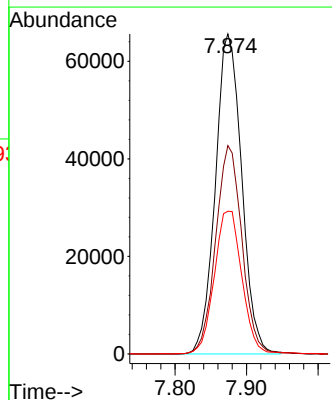
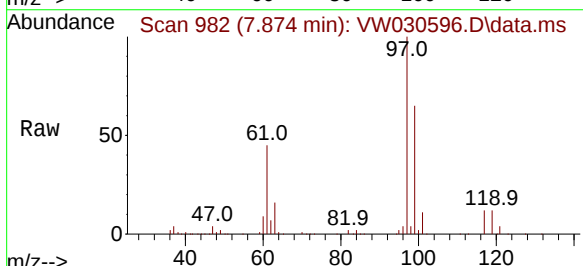
Tgt Ion: 97 Resp: 167748

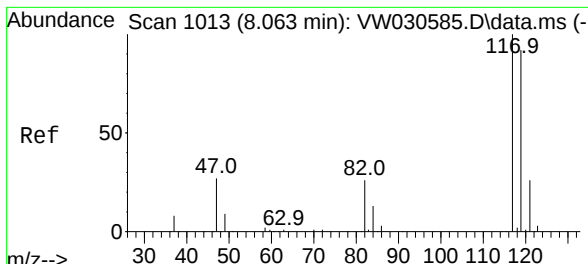
Ion Ratio Lower Upper

97 100

99 65.0 52.3 78.5

61 46.3 38.5 57.7

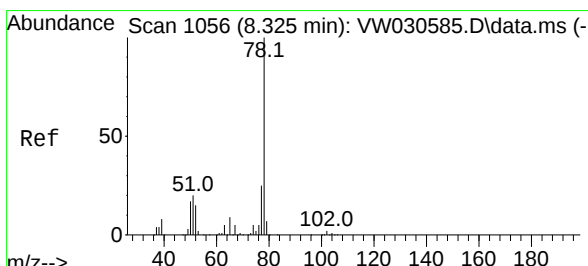
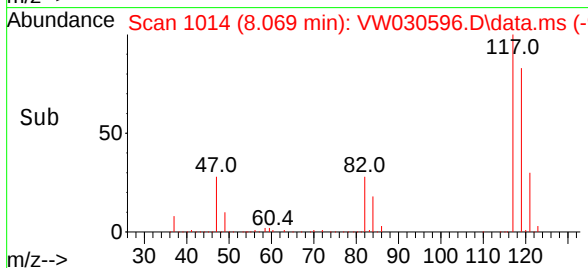
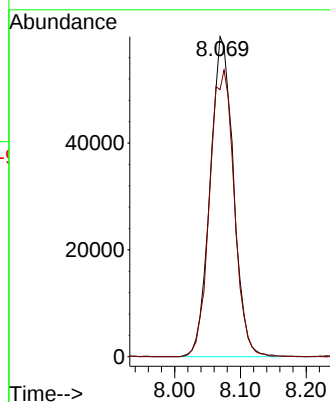
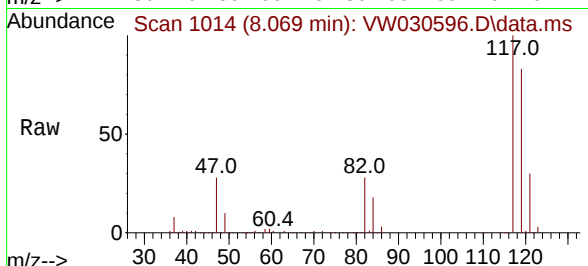




#31
Carbon tetrachloride
Concen: 23.156 ug/L
RT: 8.069 min Scan# 1013
Delta R.T. 0.006 min
Lab File: VW030596.D
Acq: 14 Oct 2024 18:19

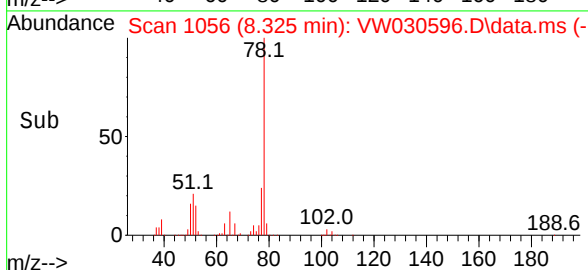
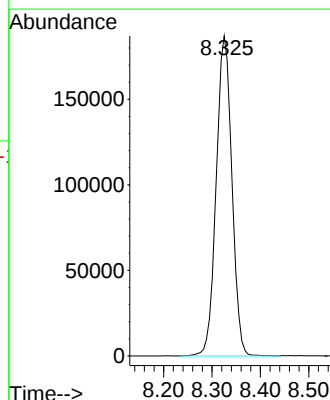
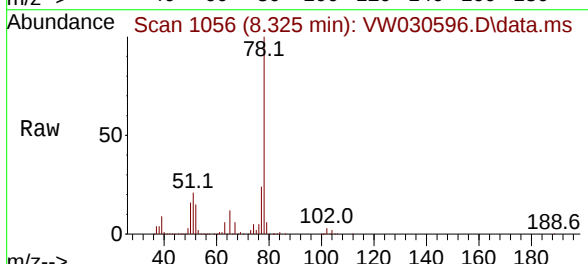
Instrument :
MSVOA_W
ClientSampleId :

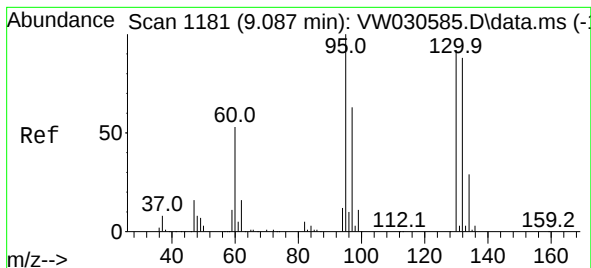
Tgt Ion:117 Resp: 147831
Ion Ratio Lower Upper
117 100
119 94.3 77.8 116.8



#33
Benzene
Concen: 24.017 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW030596.D
Acq: 14 Oct 2024 18:19

Tgt Ion: 78 Resp: 420828





#34

Trichloroethene

Concen: 23.154 ug/L

RT: 9.093 min Scan# 1181

Delta R.T. 0.006 min

Lab File: VW030596.D

Acq: 14 Oct 2024 18:19

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 112873

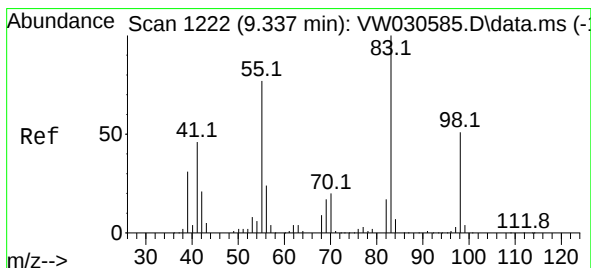
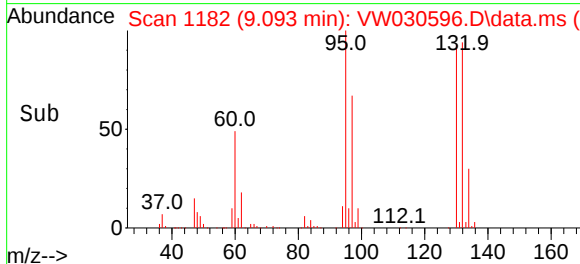
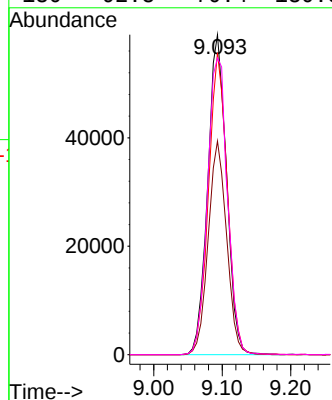
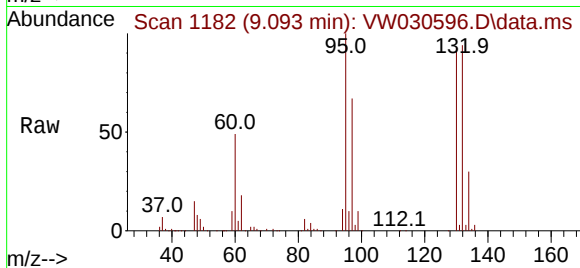
Ion Ratio Lower Upper

95 100

97 66.7 45.9 85.3

132 94.4 66.4 123.2

130 92.8 70.4 130.8



#35

Methylcyclohexane

Concen: 23.788 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW030596.D

Acq: 14 Oct 2024 18:19

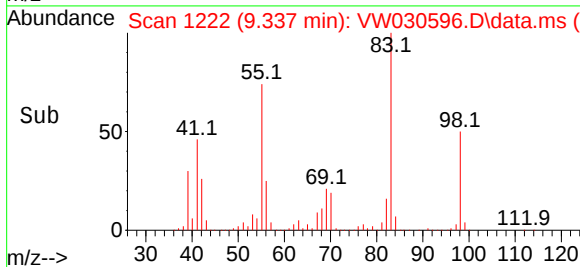
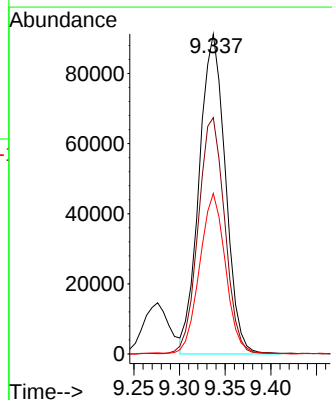
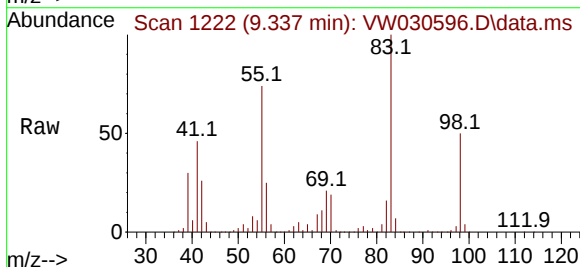
Tgt Ion: 83 Resp: 182493

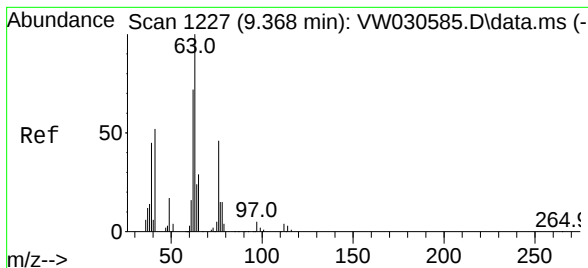
Ion Ratio Lower Upper

83 100

55 74.7 61.8 92.8

98 49.6 39.3 58.9





#37

1,2-Dichloropropane

Concen: 24.172 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW030596.D

Acq: 14 Oct 2024 18:19

Instrument :

MSVOA_W

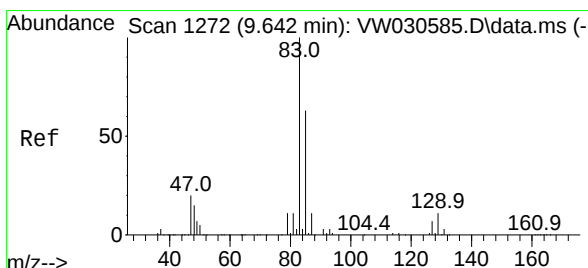
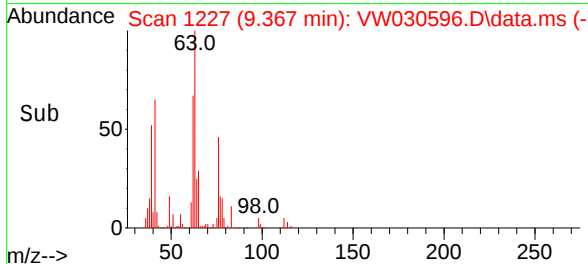
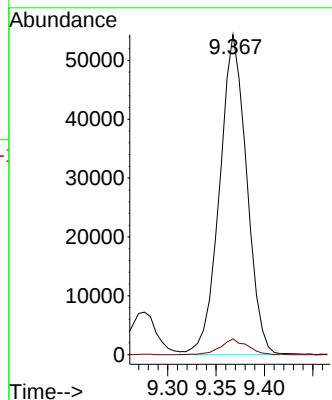
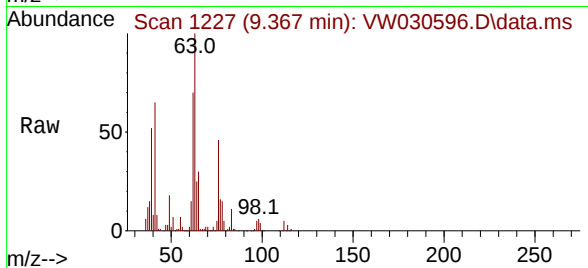
ClientSampleId :

Tgt Ion: 63 Resp: 105783

Ion Ratio Lower Upper

63 100

112 4.7 3.7 5.5



#38

Bromodichloromethane

Concen: 24.160 ug/L

RT: 9.648 min Scan# 1273

Delta R.T. 0.006 min

Lab File: VW030596.D

Acq: 14 Oct 2024 18:19

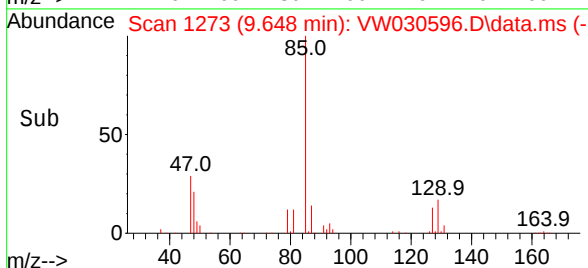
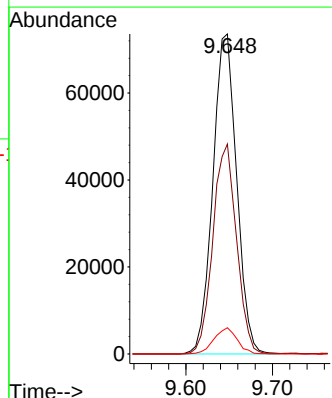
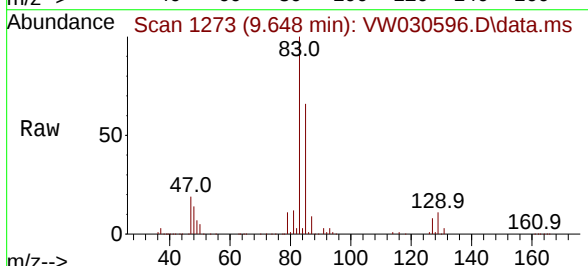
Tgt Ion: 83 Resp: 140669

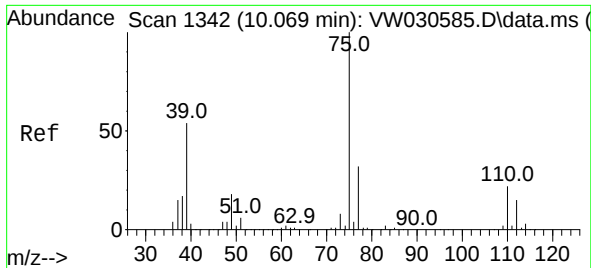
Ion Ratio Lower Upper

83 100

85 65.6 44.2 82.0

127 8.2 6.2 9.4

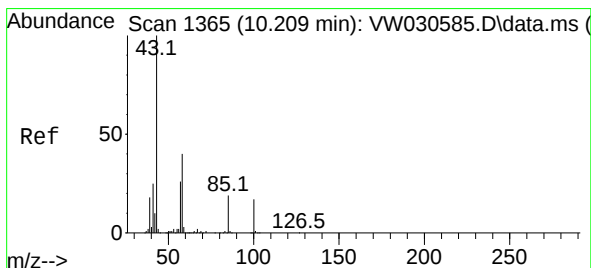
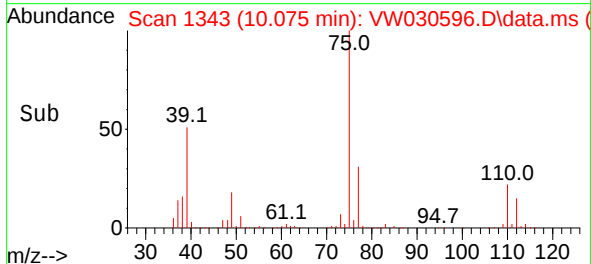
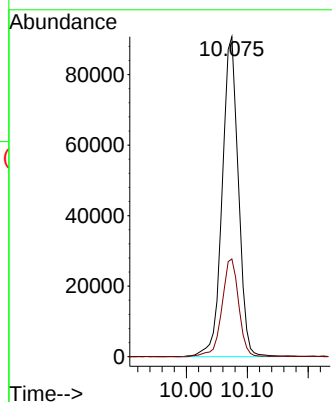
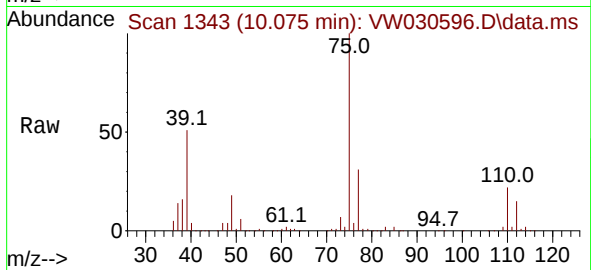




#39
cis-1,3-Dichloropropene
Concen: 25.322 ug/L
RT: 10.075 min Scan# 1342
Delta R.T. 0.006 min
Lab File: VW030596.D
Acq: 14 Oct 2024 18:19

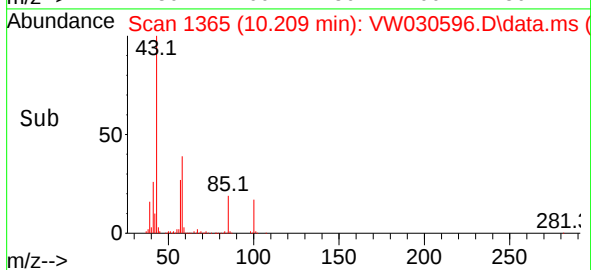
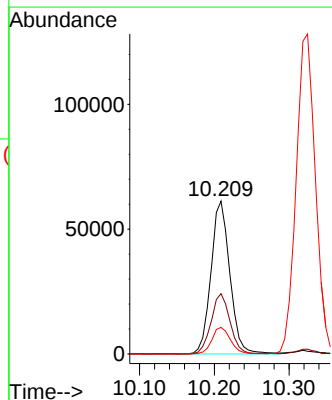
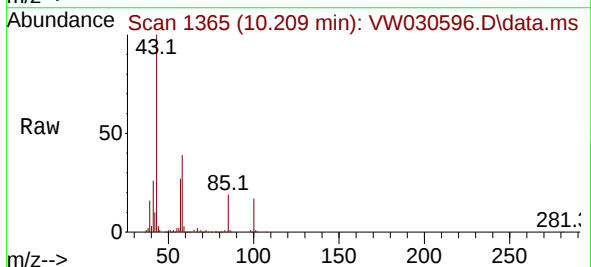
Instrument :
MSVOA_W
ClientSampleId :

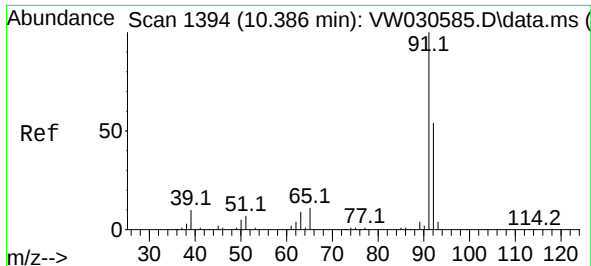
Tgt Ion: 75 Resp: 167152
Ion Ratio Lower Upper
75 100
77 30.6 21.1 39.1



#40
4-Methyl-2-pentanone
Concen: 51.283 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VW030596.D
Acq: 14 Oct 2024 18:19

Tgt Ion: 43 Resp: 107817
Ion Ratio Lower Upper
43 100
58 39.4 31.4 47.2
100 17.2 13.1 19.7

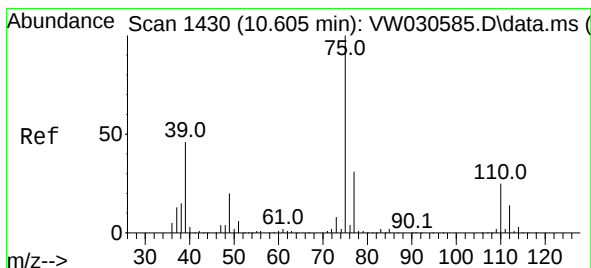
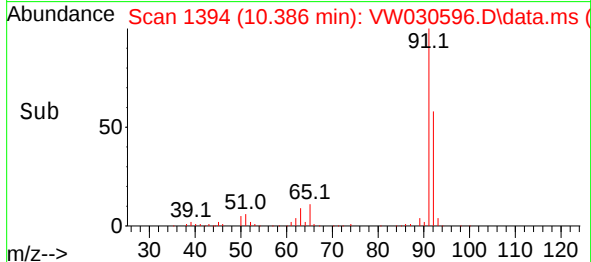
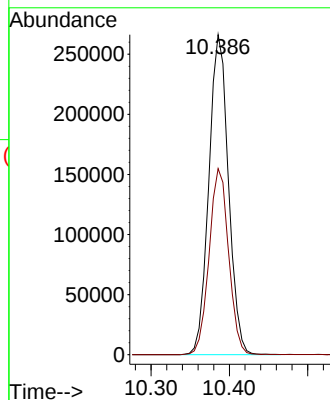
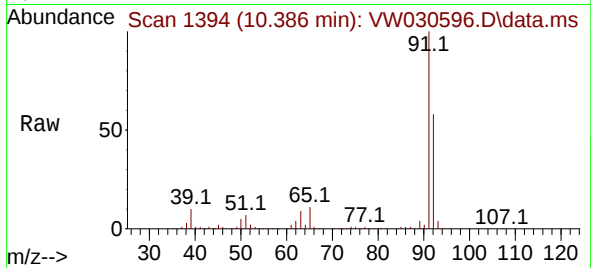




#42
Toluene
Concen: 24.700 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW030596.D
Acq: 14 Oct 2024 18:19

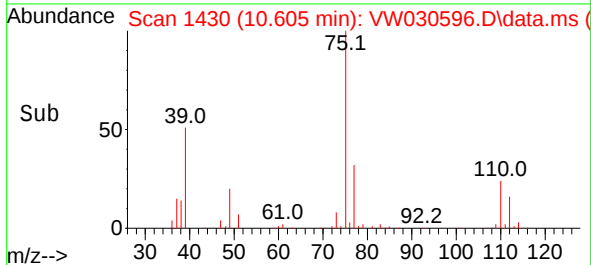
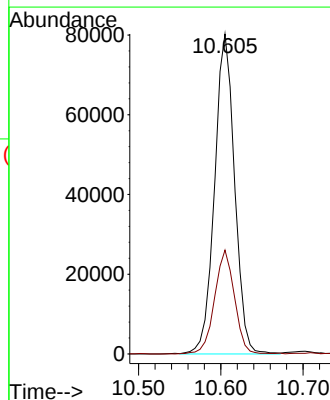
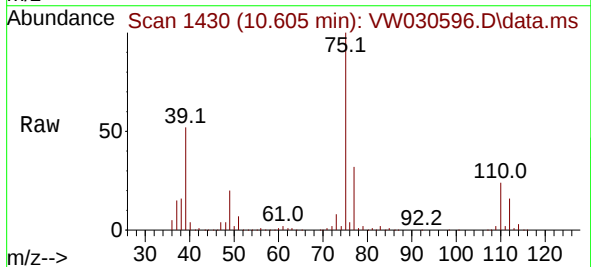
Instrument :
MSVOA_W
ClientSampleId :

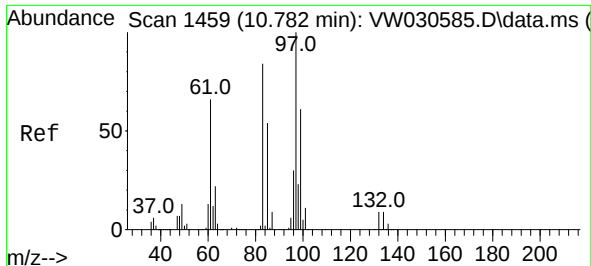
Tgt Ion: 91 Resp: 461735
Ion Ratio Lower Upper
91 100
92 58.2 40.3 74.8



#44
trans-1,3-Dichloropropene
Concen: 24.516 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW030596.D
Acq: 14 Oct 2024 18:19

Tgt Ion: 75 Resp: 135992
Ion Ratio Lower Upper
75 100
77 32.4 21.6 40.2





#45

1,1,2-Trichloroethane

Concen: 24.613 ug/L

RT: 10.788 min Scan# 1459

Delta R.T. 0.006 min

Lab File: VW030596.D

Acq: 14 Oct 2024 18:19

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 77848

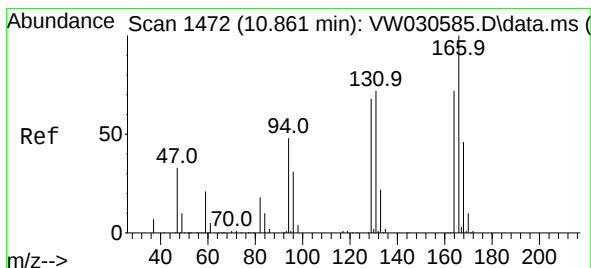
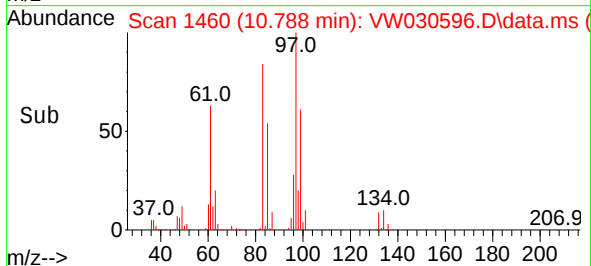
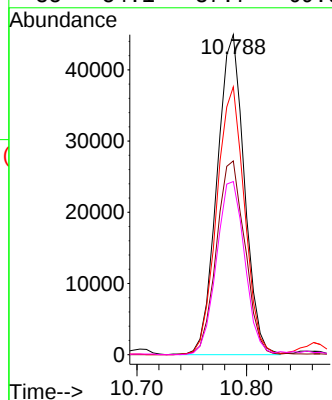
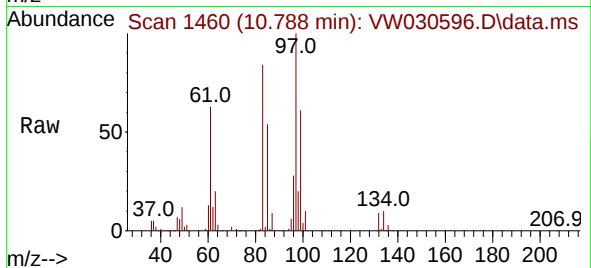
Ion Ratio Lower Upper

97 100

99 60.5 41.2 76.6

83 83.7 59.6 110.6

85 54.1 37.7 69.9



#46

Tetrachloroethene

Concen: 23.962 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW030596.D

Acq: 14 Oct 2024 18:19

Tgt Ion:164 Resp: 86153

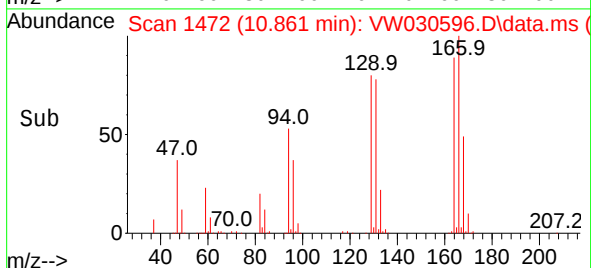
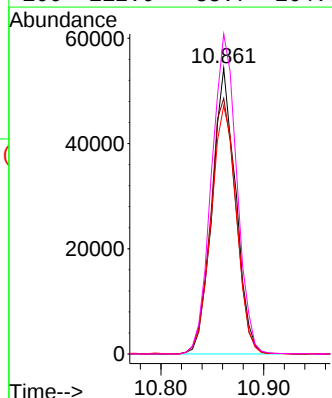
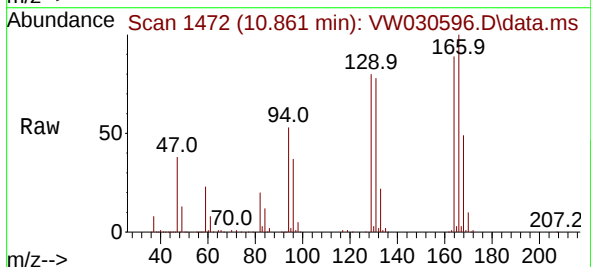
Ion Ratio Lower Upper

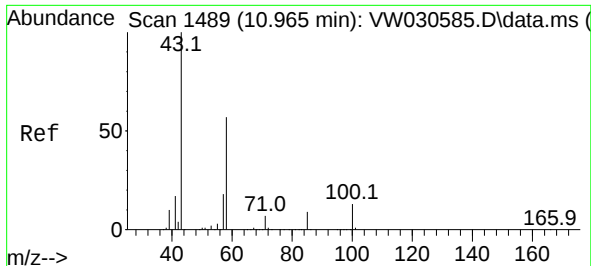
164 100

129 89.5 66.6 123.6

131 86.9 63.7 118.3

166 112.0 88.7 164.7

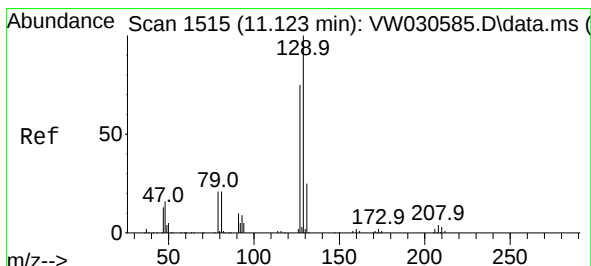
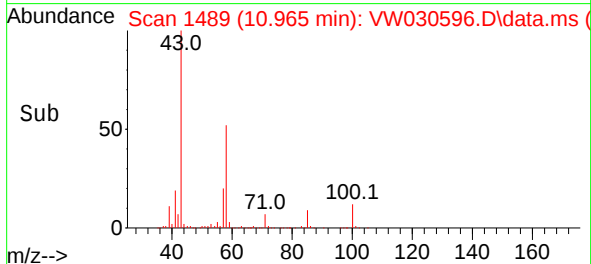
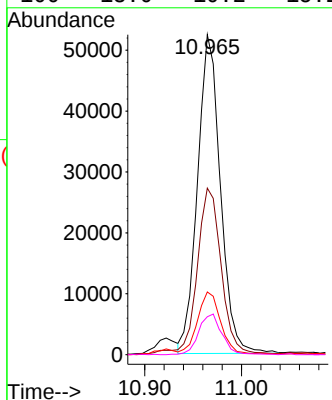
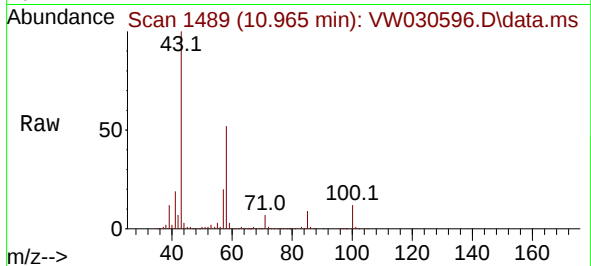




#48
2-Hexanone
Concen: 50.263 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW030596.D
Acq: 14 Oct 2024 18:19

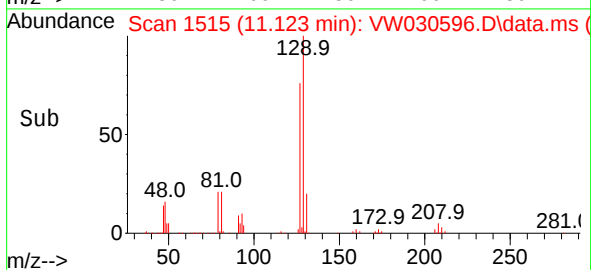
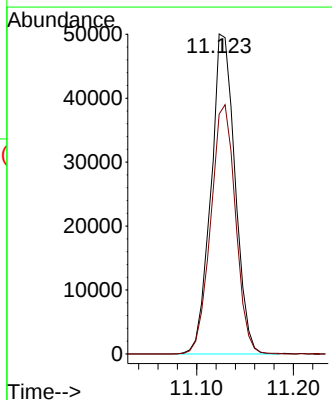
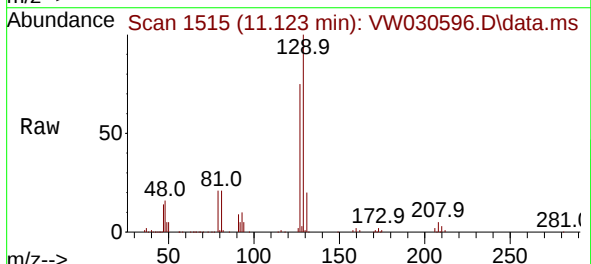
Instrument :
MSVOA_W
ClientSampleId :

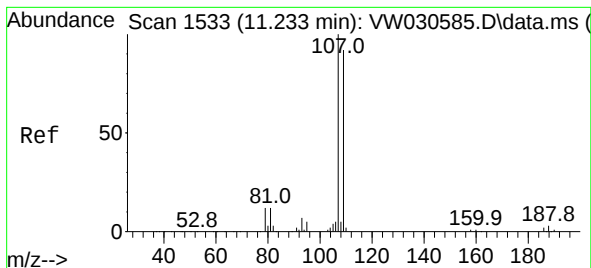
Tgt Ion:	43	Resp:	86417
Ion Ratio	Lower	Upper	
43	100		
58	54.3	44.6	67.0
57	20.0	15.8	23.8
100	13.0	10.2	15.2



#49
Dibromochloromethane
Concen: 24.498 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VW030596.D
Acq: 14 Oct 2024 18:19

Tgt Ion:	129	Resp:	86456
Ion Ratio	Lower	Upper	
129	100		
127	75.0	56.5	104.9





#50

1,2-Dibromoethane

Concen: 24.816 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW030596.D

Acq: 14 Oct 2024 18:19

Instrument :

MSVOA_W

ClientSampleId :

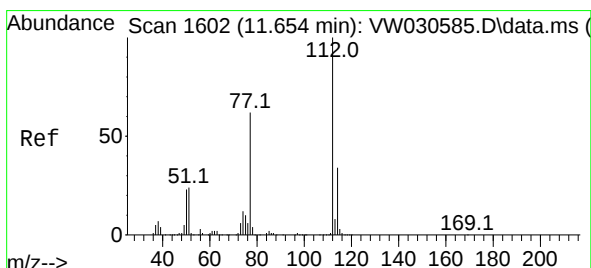
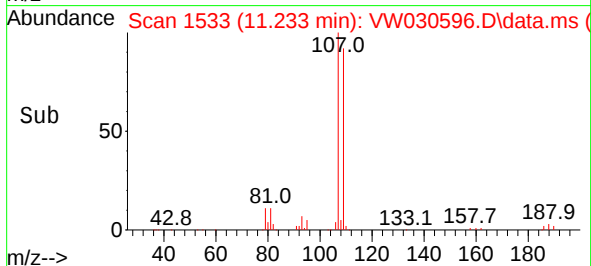
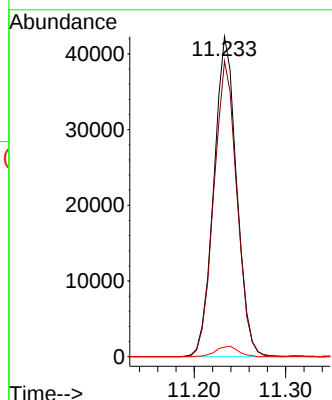
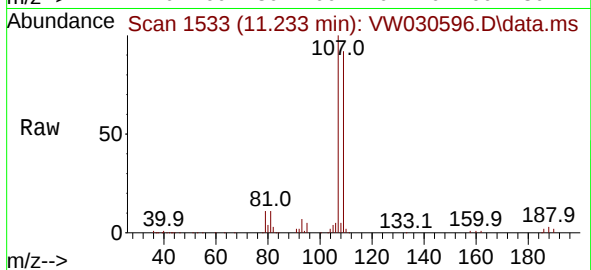
Tgt Ion:107 Resp: 73240

Ion Ratio Lower Upper

107 100

109 92.3 63.8 118.6

188 3.0 2.6 3.8



#51

Chlorobenzene

Concen: 24.406 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW030596.D

Acq: 14 Oct 2024 18:19

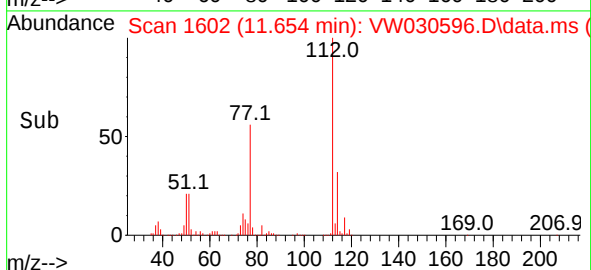
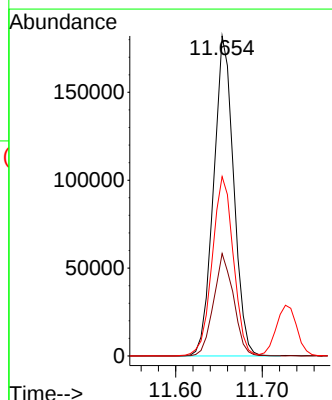
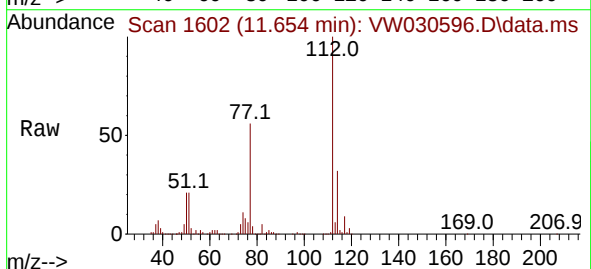
Tgt Ion:112 Resp: 293697

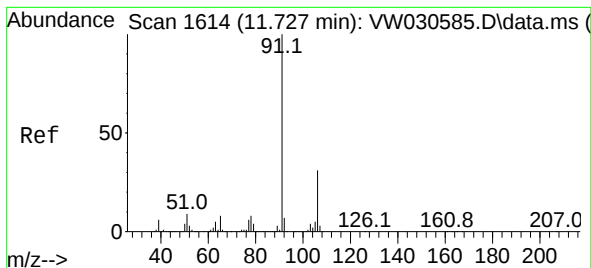
Ion Ratio Lower Upper

112 100

114 32.0 22.4 41.6

77 56.0 47.1 70.7

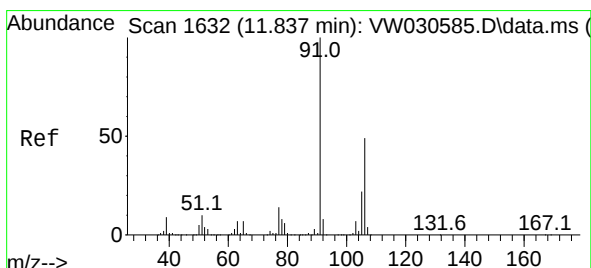
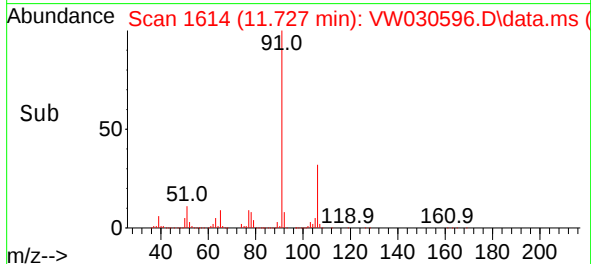
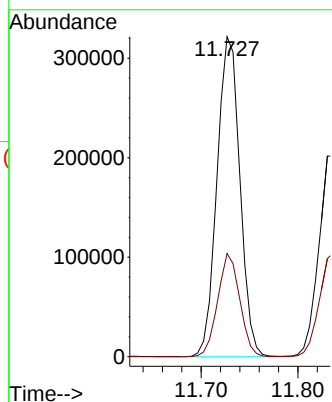
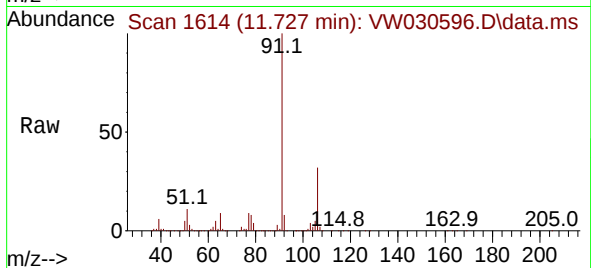




#52
Ethylbenzene
Concen: 24.779 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW030596.D
Acq: 14 Oct 2024 18:19

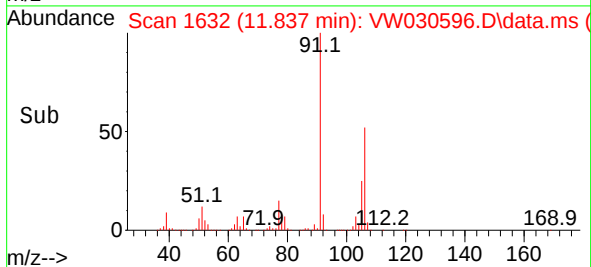
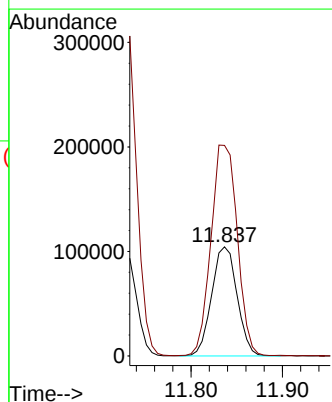
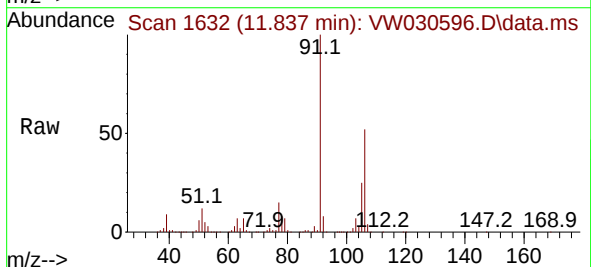
Instrument :
MSVOA_W
ClientSampleId :

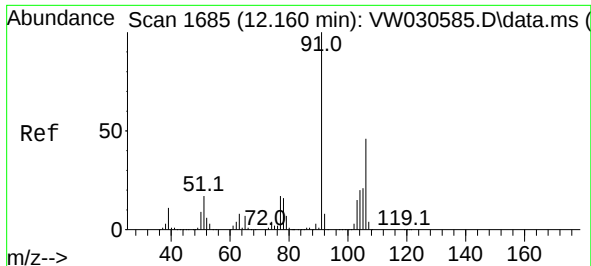
Tgt Ion: 91 Resp: 528543
Ion Ratio Lower Upper
91 100
106 32.2 21.1 39.1



#53
m,p-Xylene
Concen: 25.222 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW030596.D
Acq: 14 Oct 2024 18:19

Tgt Ion:106 Resp: 201559
Ion Ratio Lower Upper
106 100
91 192.8 140.6 261.2

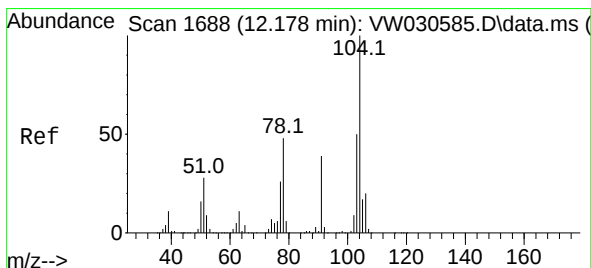
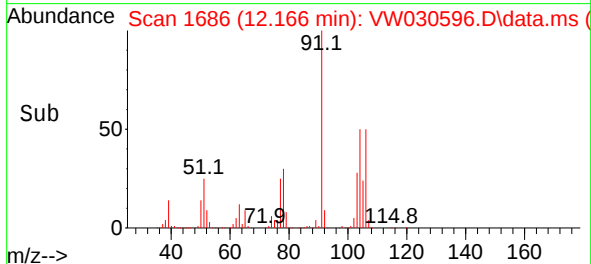
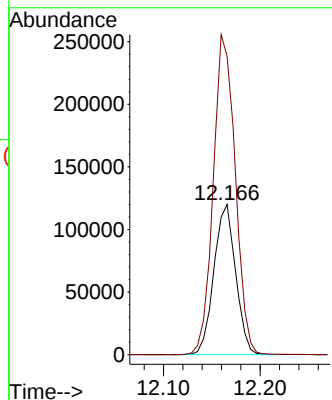
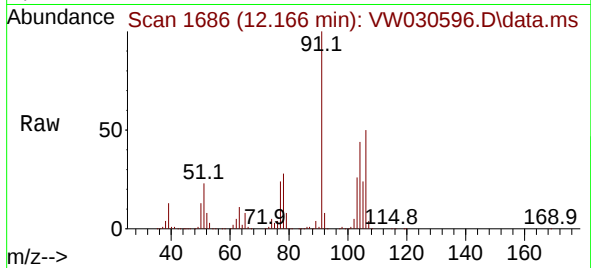




#54
o-Xylene
Concen: 25.346 ug/L
RT: 12.166 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW030596.D
Acq: 14 Oct 2024 18:19

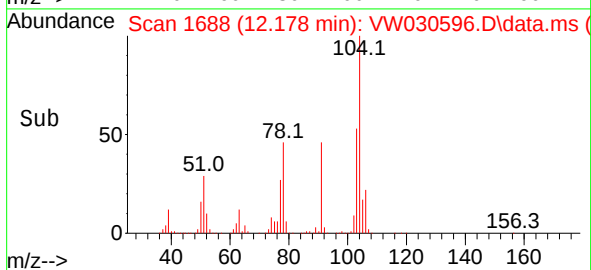
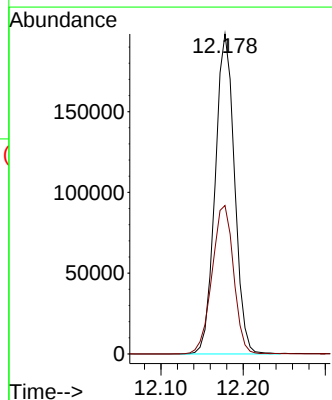
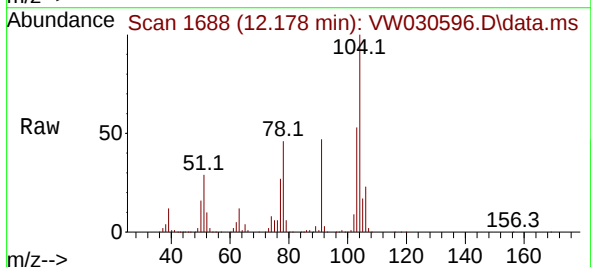
Instrument :
MSVOA_W
ClientSampleId :

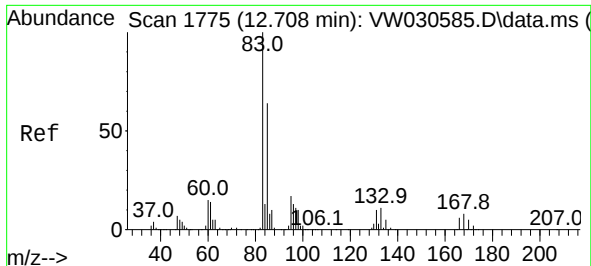
Tgt Ion:106 Resp: 187257
Ion Ratio Lower Upper
106 100
91 198.7 144.5 268.4



#55
Styrene
Concen: 25.689 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW030596.D
Acq: 14 Oct 2024 18:19

Tgt Ion:104 Resp: 324450
Ion Ratio Lower Upper
104 100
78 46.4 34.3 63.7





#57

1,1,2,2-Tetrachloroethane

Concen: 24.979 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VW030596.D

Acq: 14 Oct 2024 18:19

Instrument :

MSVOA_W

ClientSampleId :

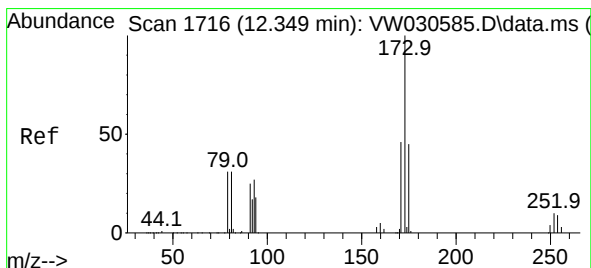
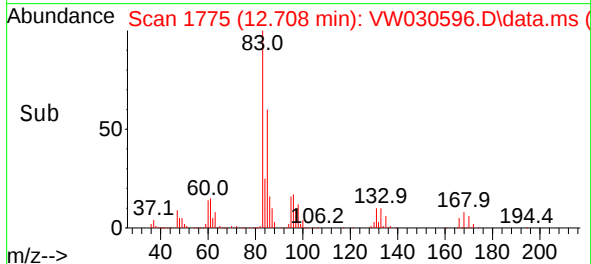
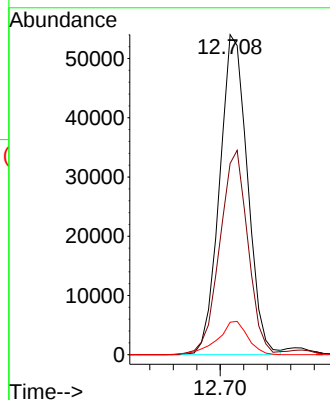
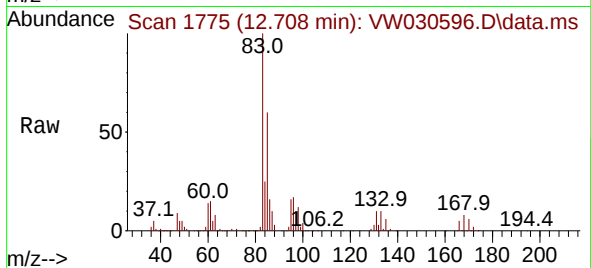
Tgt Ion: 83 Resp: 89094

Ion Ratio Lower Upper

83 100

85 59.8 42.6 79.2

131 10.1 7.4 11.0



#59

Bromoform

Concen: 24.994 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW030596.D

Acq: 14 Oct 2024 18:19

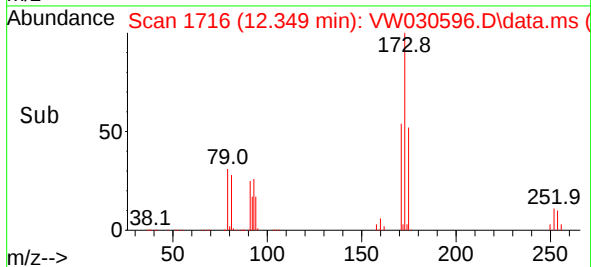
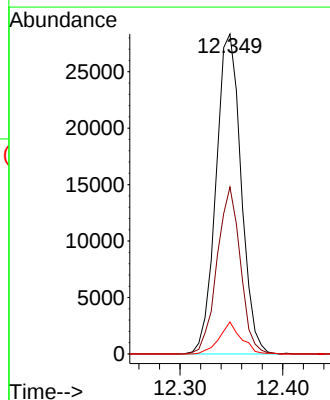
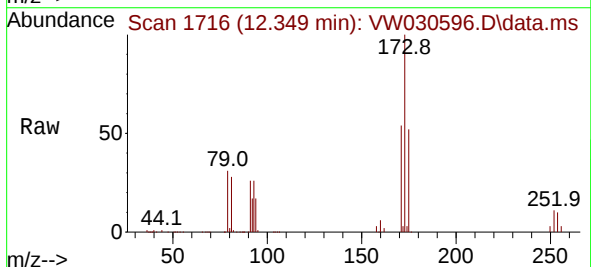
Tgt Ion:173 Resp: 47963

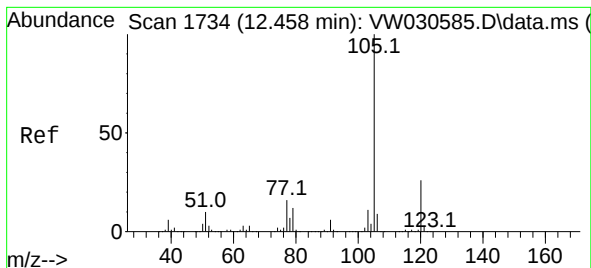
Ion Ratio Lower Upper

173 100

175 48.7 39.0 58.4

254 8.7 7.7 11.5





#60

Isopropylbenzene

Concen: 25.822 ug/L

RT: 12.464 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW030596.D

Acq: 14 Oct 2024 18:19

Instrument :

MSVOA_W

ClientSampleId :

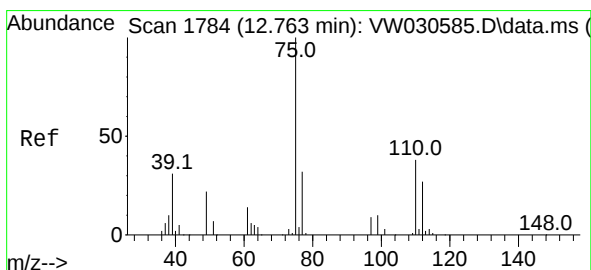
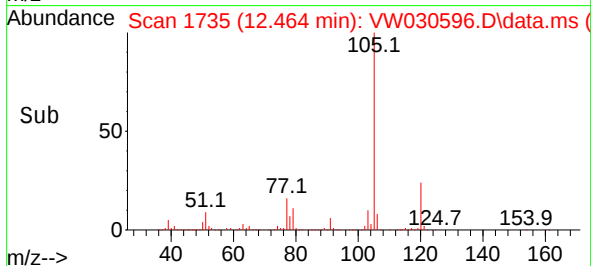
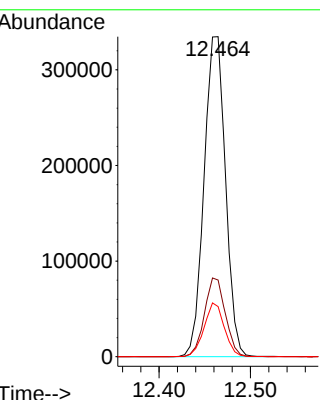
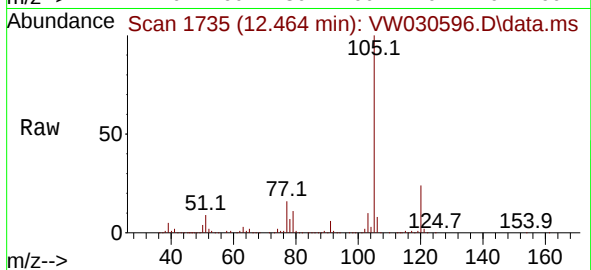
Tgt Ion:105 Resp: 546180

Ion Ratio Lower Upper

105 100

120 23.9 20.6 31.0

77 15.9 13.4 20.0



#61

1,2,3-Trichloropropane

Concen: 23.777 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW030596.D

Acq: 14 Oct 2024 18:19

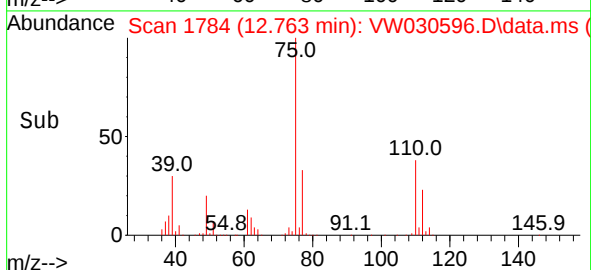
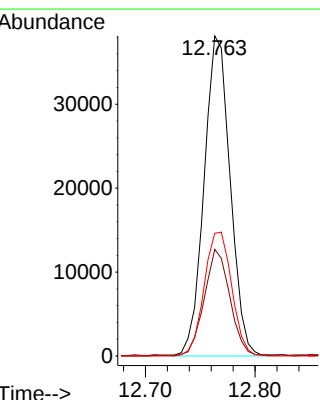
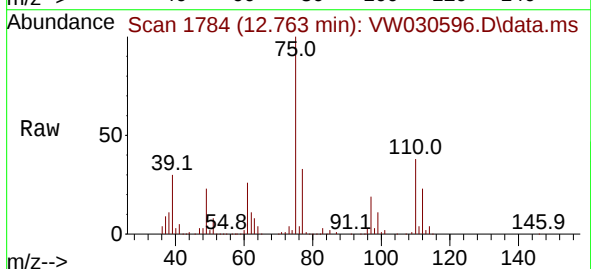
Tgt Ion: 75 Resp: 63195

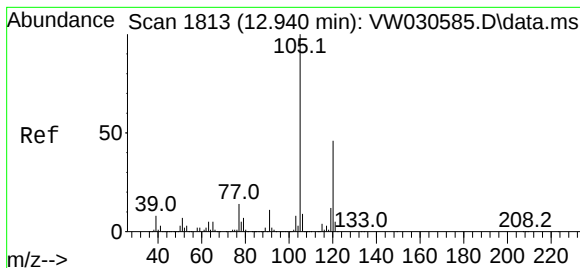
Ion Ratio Lower Upper

75 100

77 32.2 25.7 38.5

110 40.7 32.3 48.5





#62

1,3,5-Trimethylbenzene

Concen: 25.921 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW030596.D

Acq: 14 Oct 2024 18:19

Instrument :

MSVOA_W

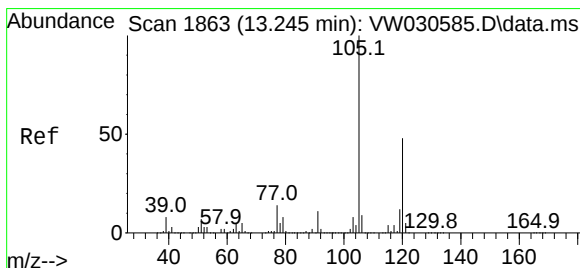
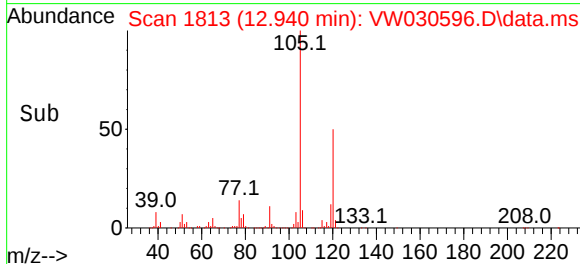
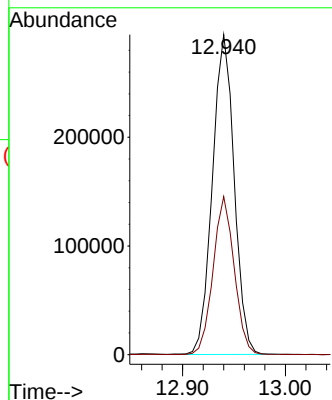
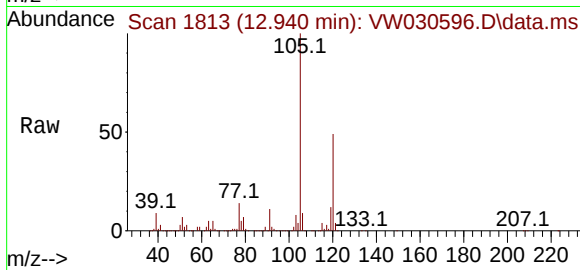
ClientSampleId :

Tgt Ion:105 Resp: 432552

Ion Ratio Lower Upper

105 100

120 47.8 38.0 57.0



#63

1,2,4-Trimethylbenzene

Concen: 25.905 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW030596.D

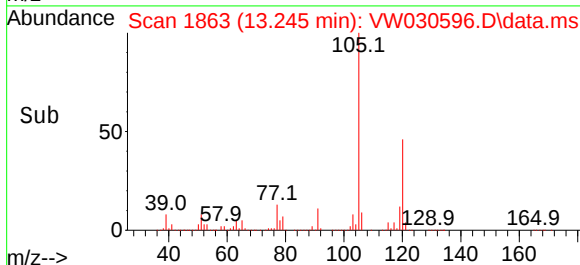
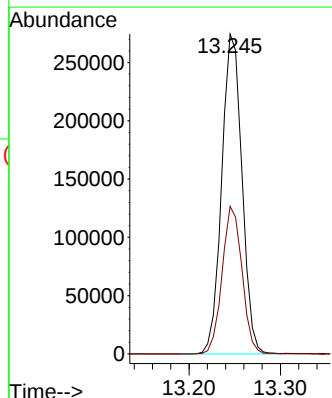
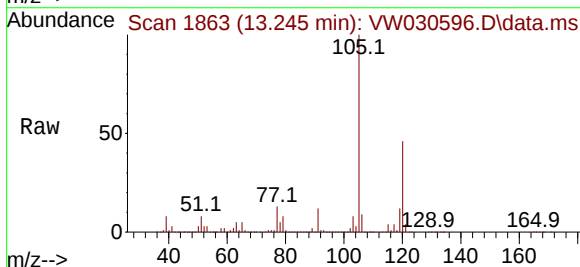
Acq: 14 Oct 2024 18:19

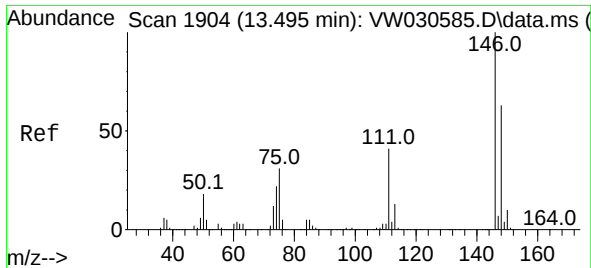
Tgt Ion:105 Resp: 423242

Ion Ratio Lower Upper

105 100

120 45.2 35.8 53.6

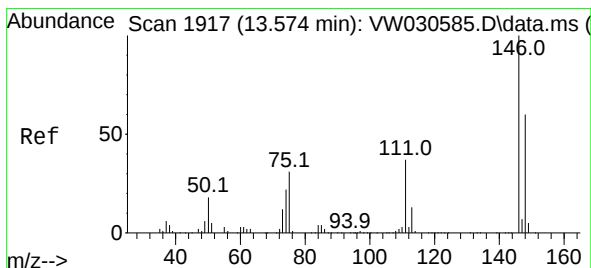
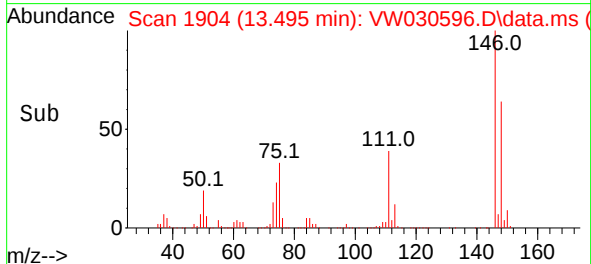
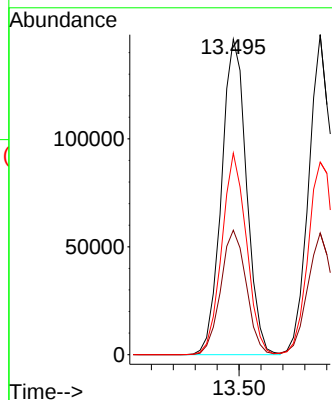
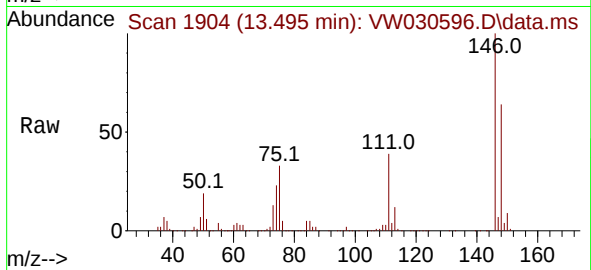




#64
1,3-Dichlorobenzene
Concen: 25.141 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW030596.D
Acq: 14 Oct 2024 18:19

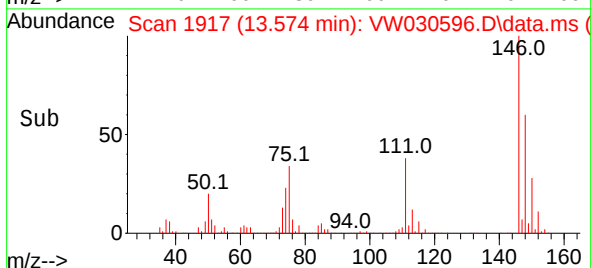
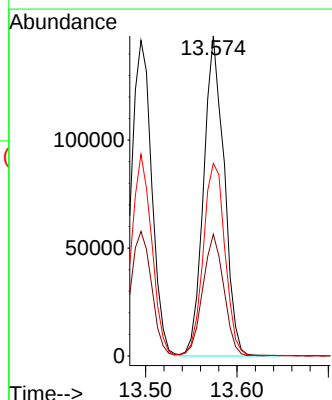
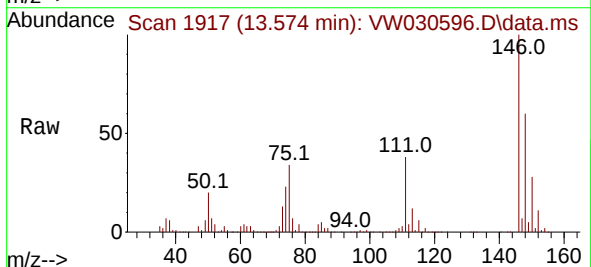
Instrument :
MSVOA_W
ClientSampleId :

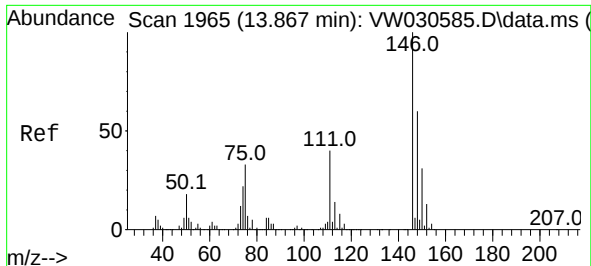
Tgt Ion:146 Resp: 231464
Ion Ratio Lower Upper
146 100
111 39.4 31.2 58.0
148 63.9 45.7 84.9



#65
1,4-Dichlorobenzene
Concen: 24.274 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW030596.D
Acq: 14 Oct 2024 18:19

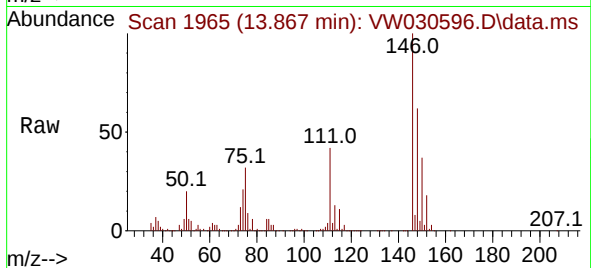
Tgt Ion:146 Resp: 230763
Ion Ratio Lower Upper
146 100
111 38.0 26.8 49.8
148 60.2 41.0 76.2



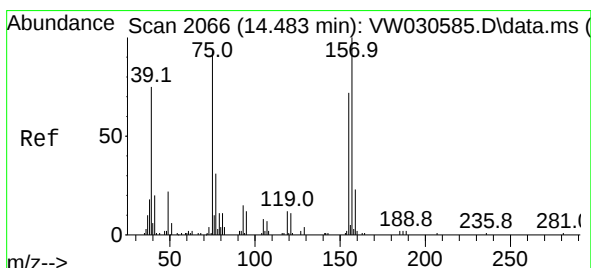
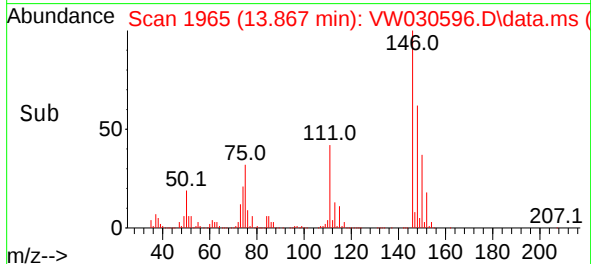
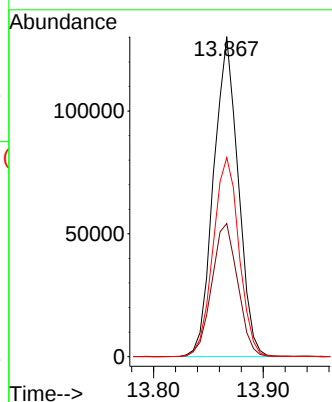


#67
1,2-Dichlorobenzene
Concen: 25.065 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW030596.D
Acq: 14 Oct 2024 18:19

Instrument :
MSVOA_W
ClientSampleId :

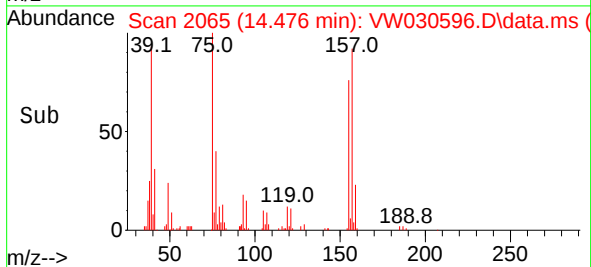
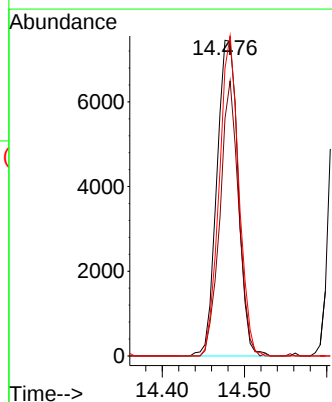
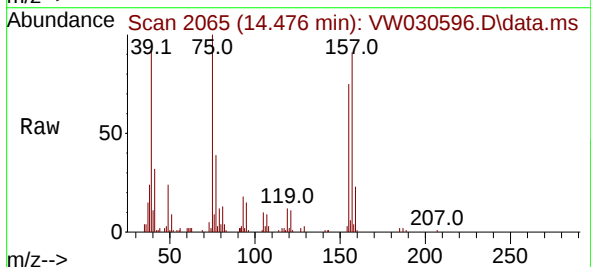


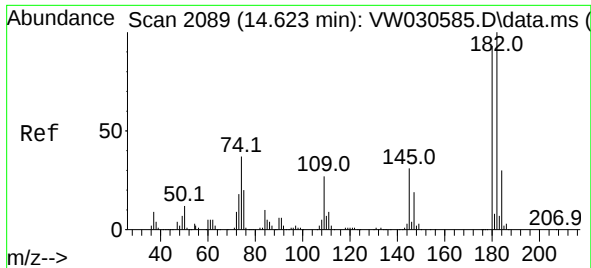
Tgt Ion:146 Resp: 203064
Ion Ratio Lower Upper
146 100
111 41.6 34.6 52.0
148 62.2 53.3 79.9



#68
1,2-Dibromo-3-chloropropane
Concen: 22.566 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.006 min
Lab File: VW030596.D
Acq: 14 Oct 2024 18:19

Tgt Ion: 75 Resp: 13373
Ion Ratio Lower Upper
75 100
155 75.3 57.9 86.9
157 91.2 69.0 103.6





#69

1,3,5-Trichlorobenzene

Concen: 24.776 ug/L

RT: 14.629 min Scan# 2089

Delta R.T. 0.006 min

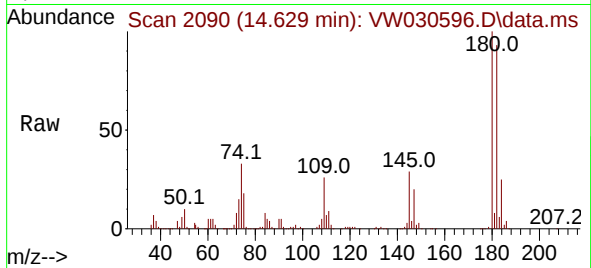
Lab File: VW030596.D

Acq: 14 Oct 2024 18:19

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 150421

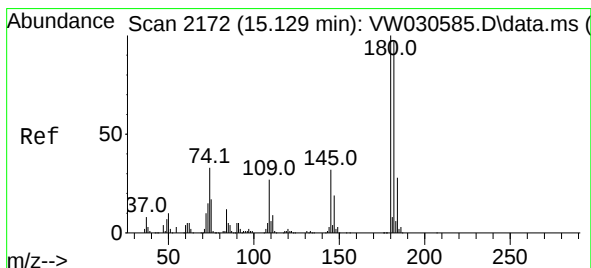
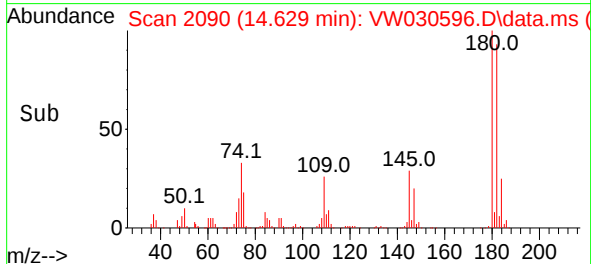
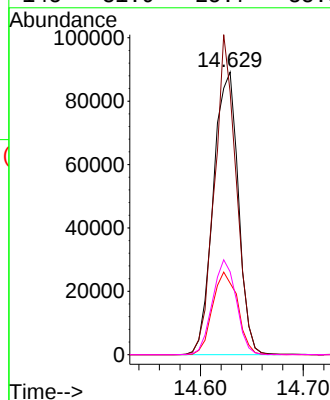
Ion Ratio Lower Upper

180 100

182 98.1 79.9 119.9

184 29.5 25.2 37.8

145 31.9 25.7 38.5



#70

1,2,4-trichlorobenzene

Concen: 26.180 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW030596.D

Acq: 14 Oct 2024 18:19

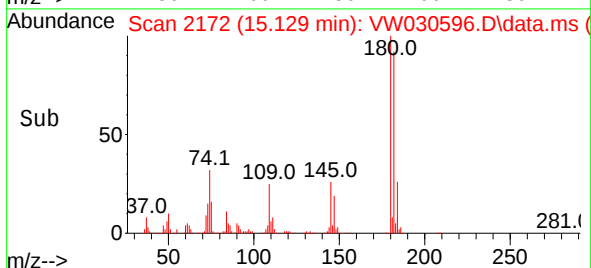
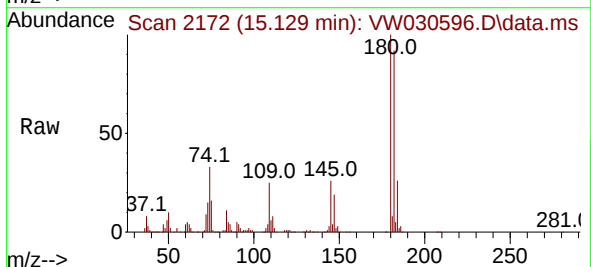
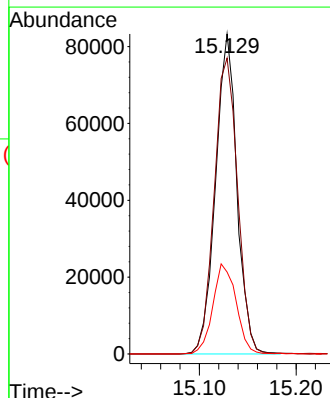
Tgt Ion:180 Resp: 127958

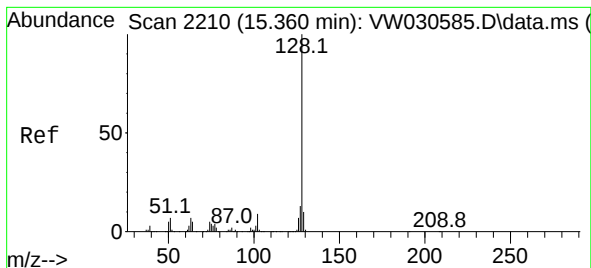
Ion Ratio Lower Upper

180 100

182 100.7 75.2 112.8

145 30.4 25.4 38.2





#71

Naphthalene

Concen: 27.917 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW030596.D

Acq: 14 Oct 2024 18:19

Instrument :

MSVOA_W

ClientSampleId :

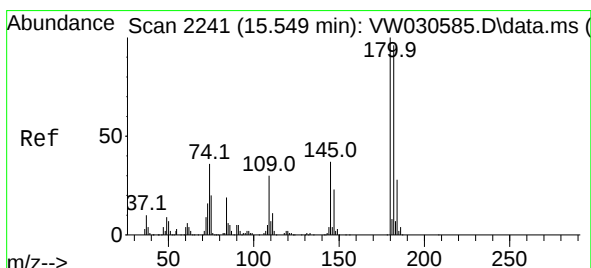
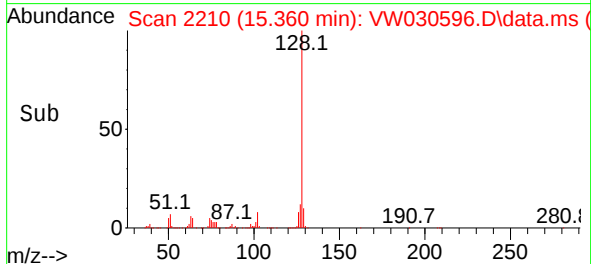
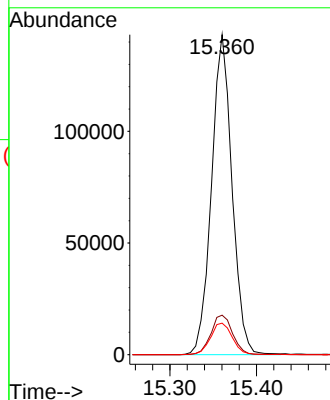
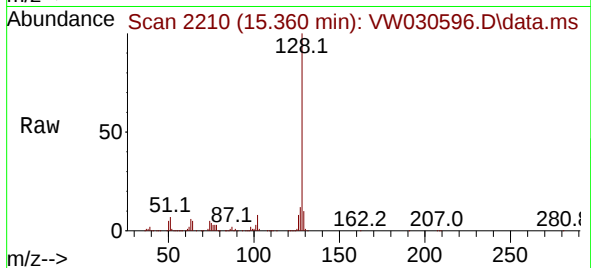
Tgt Ion:128 Resp: 235735

Ion Ratio Lower Upper

128 100

127 13.1 10.9 16.3

129 10.6 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 25.557 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW030596.D

Acq: 14 Oct 2024 18:19

Tgt Ion:180 Resp: 108287

Ion Ratio Lower Upper

180 100

182 95.1 76.2 114.4

145 34.3 27.4 41.2

