

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101424\
 Data File : VW030595.D
 Acq On : 14 Oct 2024 17:55
 Operator : SY/MD
 Sample : P4351-03 MSD
 Misc : 4.45g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 15 01:12:02 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	301975	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	283513	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	142537	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	78267	16.489	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.960%
7) Chloroethane-d5	2.899	69	66921	18.626	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.520%
11) 1,1-Dichloroethene-d2	4.021	65	33667	17.053	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.200%
21) 2-Butanone-d5	7.252	46	73	0.085	ug/L	0.18
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.180%#
24) Chloroform-d	7.648	84	171846	19.899	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.600%
26) 1,2-Dichloroethane-d4	8.307	65	87458	19.476	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	77.920%
32) Benzene-d6	8.276	84	313182	19.033	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	76.120%
36) 1,2-Dichloropropane-d6	9.276	67	94571	19.581	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	78.320%
41) Toluene-d8	10.325	98	285916	19.034	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.120%
43) trans-1,3-Dichloroprop...	10.575	79	39731	19.646	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.600%
47) 2-Hexanone-d5	10.922	63	30647	49.267	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.540%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	78582	22.155	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.600%
66) 1,2-Dichlorobenzene-d4	13.849	152	96997	20.112	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	80.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	68380	17.724	ug/L #	87
3) Chloromethane	2.229	50	90055	20.083	ug/L	98
5) Vinyl chloride	2.375	62	121396	22.014	ug/L	99
6) Bromomethane	2.796	94	84475	23.274	ug/L	98
8) Chloroethane	2.936	64	75716	22.461	ug/L	97
9) Trichlorofluoromethane	3.271	101	104916	21.263	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	94094	21.196	ug/L	97
12) 1,1-Dichloroethene	4.045	96	88806	21.919	ug/L	95
13) Acetone	4.125	43	59353	47.460	ug/L	97
14) Carbon disulfide	4.393	76	259720	19.631	ug/L	98
15) Methyl Acetate	4.673	43	36742	23.784	ug/L	95
16) Methylene chloride	4.923	84	102337	22.417	ug/L	97
17) trans-1,2-Dichloroethene	5.435	96	95149	21.764	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	159204	26.020	ug/L	100
19) 1,1-Dichloroethane	6.222	63	184441	22.700	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	109555	23.494	ug/L	95
22) 2-Butanone	7.173	43	61564	45.669	ug/L	100
23) Bromochloromethane	7.520	128	47524	23.297	ug/L	95
25) Chloroform	7.679	83	201608	23.219	ug/L	97

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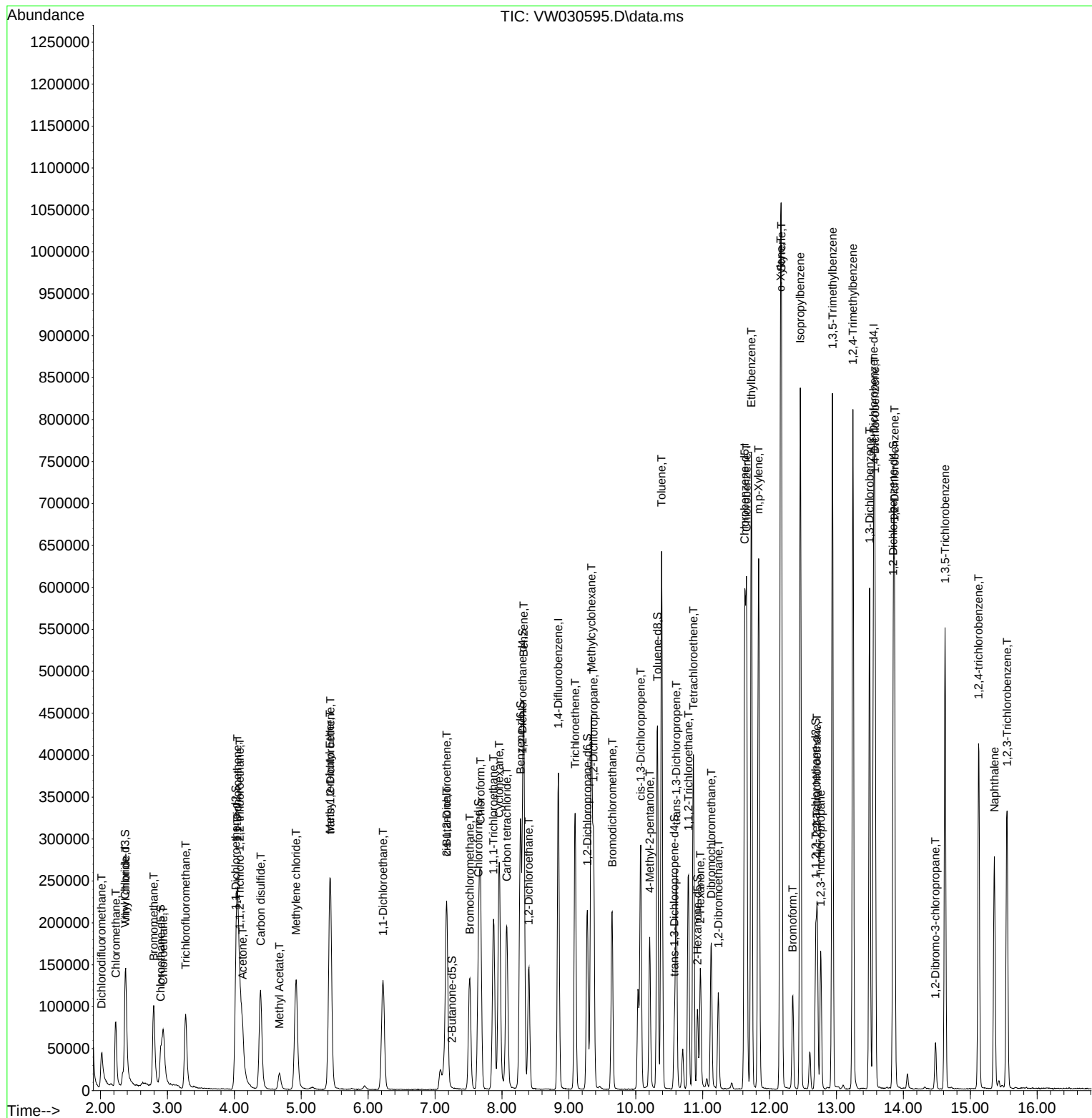
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	130682	22.813	ug/L	98
29) Cyclohexane	7.959	56	148646	21.539	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	165517	21.992	ug/L	98
31) Carbon tetrachloride	8.069	117	143036	21.279	ug/L	96
33) Benzene	8.325	78	410148	22.231	ug/L	100
34) Trichloroethene	9.093	95	109945	21.420	ug/L	97
35) Methylcyclohexane	9.337	83	173328	21.457	ug/L	98
37) 1,2-Dichloropropane	9.368	63	105495	22.894	ug/L	100
38) Bromodichloromethane	9.648	83	139804	22.804	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	160989	23.162	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	112880	50.992	ug/L	100
42) Toluene	10.386	91	461001	23.421	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	134456	23.021	ug/L	96
45) 1,1,2-Trichloroethane	10.788	97	78915	23.696	ug/L	97
46) Tetrachloroethene	10.861	164	86859	22.944	ug/L	87
48) 2-Hexanone	10.965	43	90615	50.055	ug/L	99
49) Dibromochloromethane	11.130	129	88409	23.792	ug/L	99
50) 1,2-Dibromoethane	11.233	107	73630	23.694	ug/L #	88
51) Chlorobenzene	11.654	112	287575	22.696	ug/L	99
52) Ethylbenzene	11.727	91	511588	22.778	ug/L	99
53) m,p-Xylene	11.837	106	195551	23.240	ug/L	99
54) o-Xylene	12.166	106	187360	24.085	ug/L	94
55) Styrene	12.178	104	319931	24.057	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.709	83	90747	24.164	ug/L	93
59) Bromoform	12.343	173	47207	23.573	ug/L	100
60) Isopropylbenzene	12.459	105	522478	23.670	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	64589	23.287	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	428631	24.613	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	417974	24.514	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	225679	23.488	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	227111	22.892	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	199040	23.542	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	13951	22.558	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	157511	24.860	ug/L	93
70) 1,2,4-trichlorobenzene	15.123	180	119623	23.453	ug/L	96
71) Naphthalene	15.360	128	227394	25.804	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	102573	23.197	ug/L	99

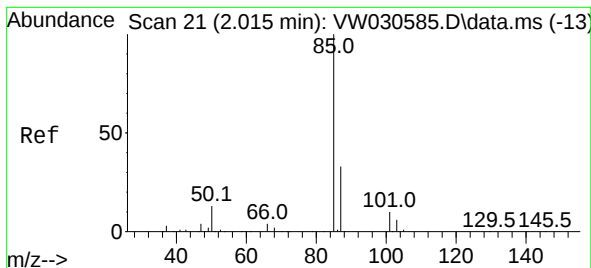
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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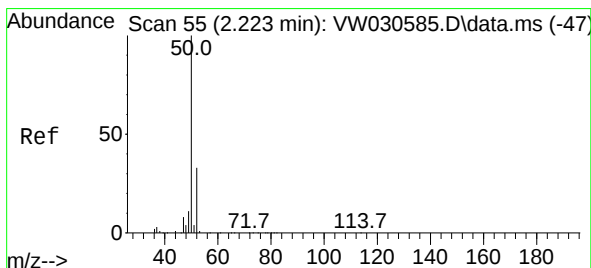
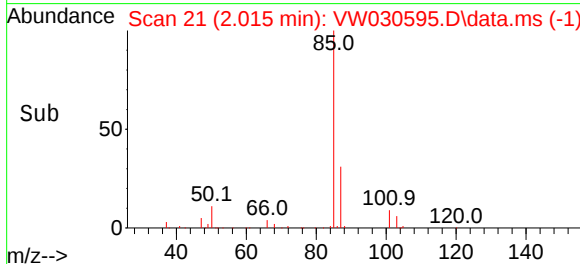
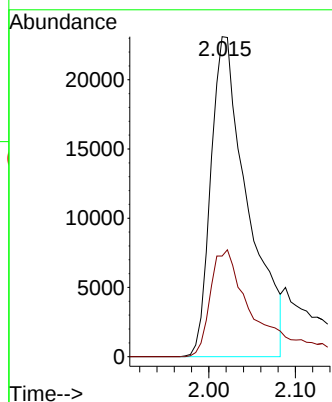
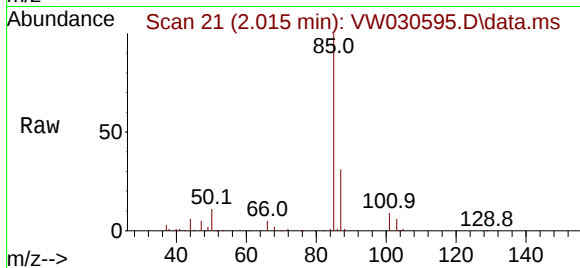




#2
 Dichlorodifluoromethane
 Concen: 17.724 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW030595.D
 Acq: 14 Oct 2024 17:55

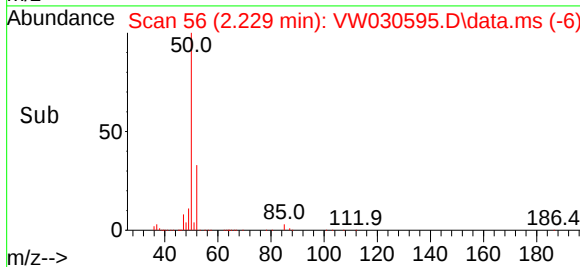
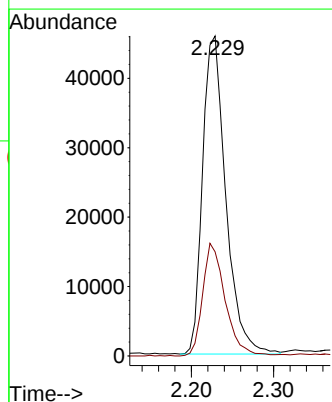
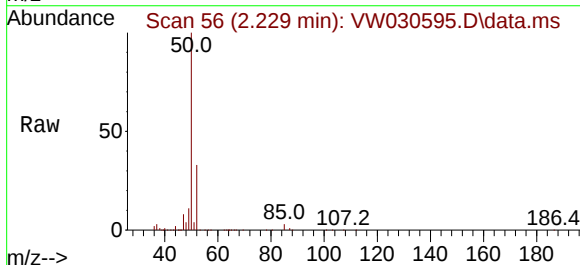
Instrument :
 MSVOA_W
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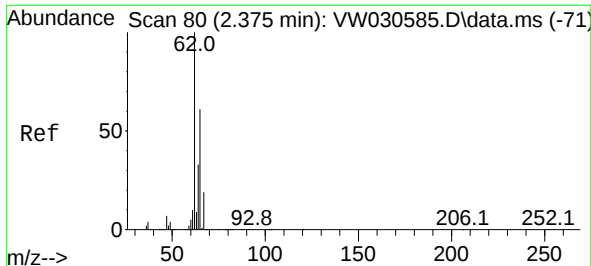
Tgt Ion: 85 Resp: 68380
 Ion Ratio Lower Upper
 85 100
 87 36.6 23.8 35.6#



#3
 Chloromethane
 Concen: 20.083 ug/L
 RT: 2.229 min Scan# 56
 Delta R.T. 0.006 min
 Lab File: VW030595.D
 Acq: 14 Oct 2024 17:55

Tgt Ion: 50 Resp: 90055
 Ion Ratio Lower Upper
 50 100
 52 32.6 23.7 43.9

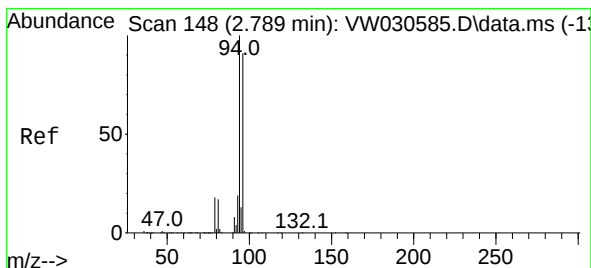
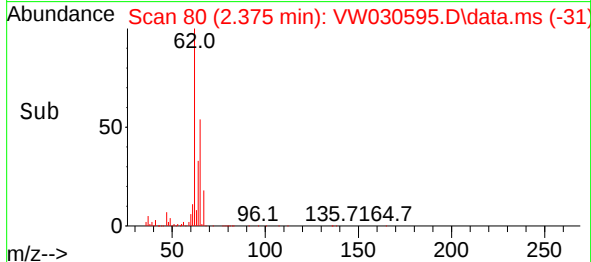
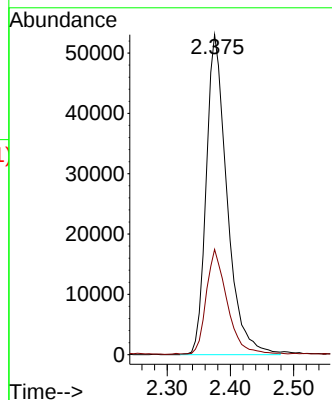
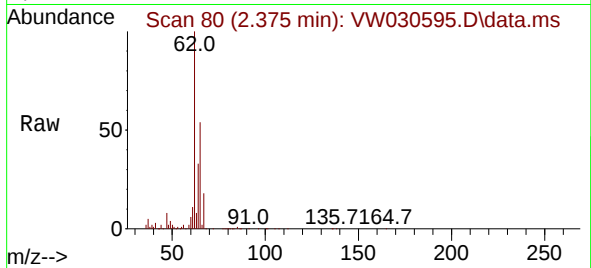




#5
 Vinyl chloride
 Concen: 22.014 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW030595.D
 Acq: 14 Oct 2024 17:55

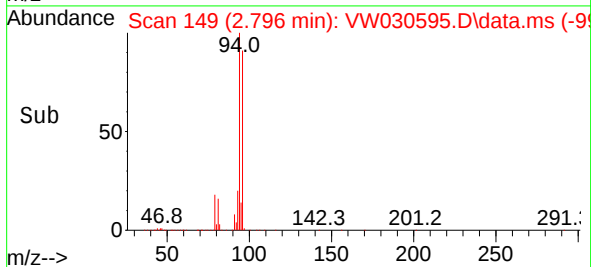
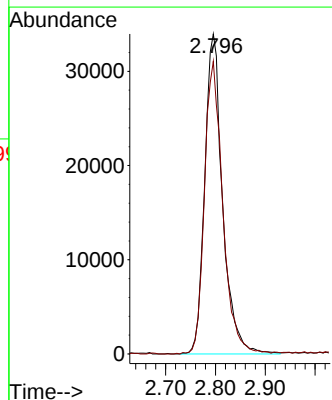
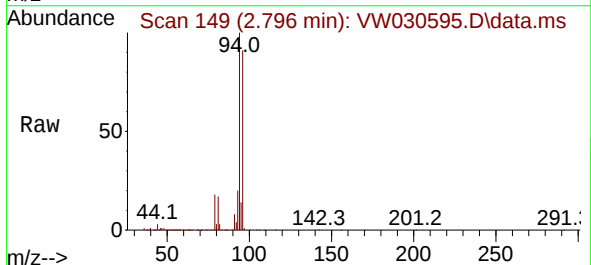
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 ClientSampleId :

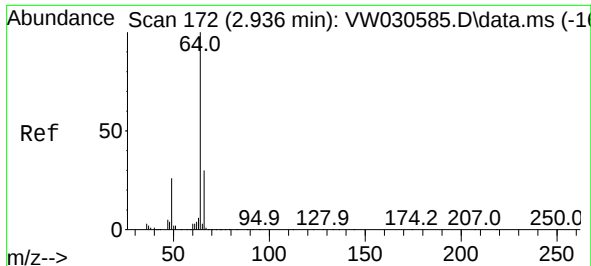
Tgt Ion: 62 Resp: 121396
 Ion Ratio Lower Upper
 62 100
 64 32.9 22.6 42.0



#6
 Bromomethane
 Concen: 23.274 ug/L
 RT: 2.796 min Scan# 149
 Delta R.T. 0.006 min
 Lab File: VW030595.D
 Acq: 14 Oct 2024 17:55

Tgt Ion: 94 Resp: 84475
 Ion Ratio Lower Upper
 94 100
 96 91.5 62.6 116.2

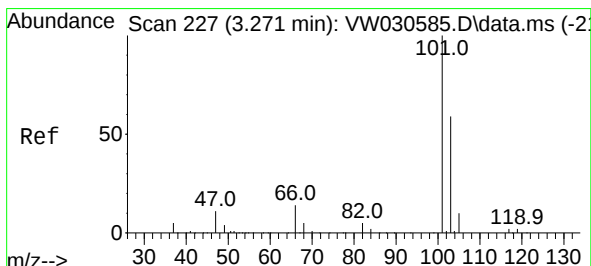
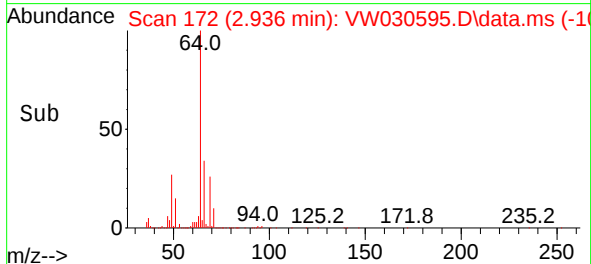
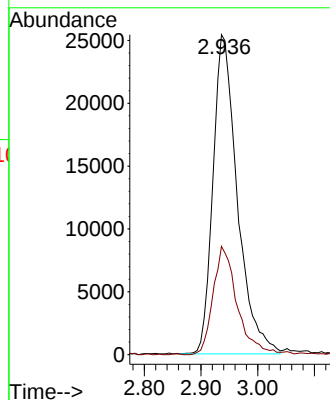
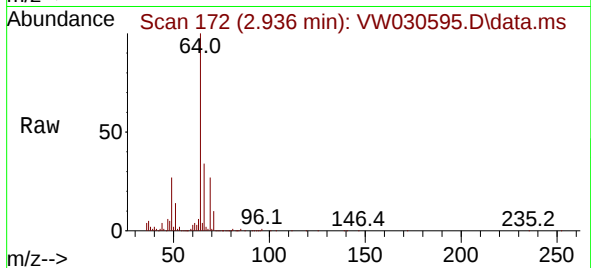




#8
Chloroethane
Concen: 22.461 ug/L
RT: 2.936 min Scan# 172
Delta R.T. 0.000 min
Lab File: VW030595.D
Acq: 14 Oct 2024 17:55

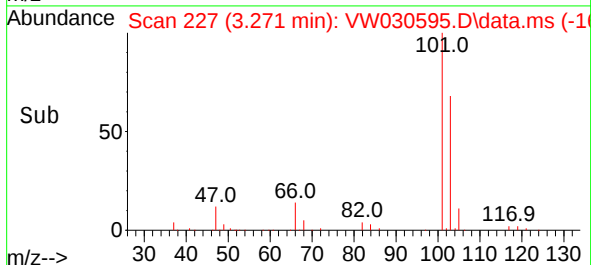
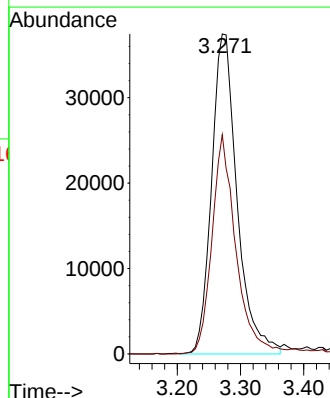
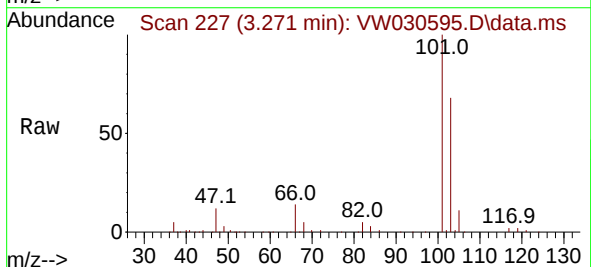
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MSVOA_W
ClientSampleId :

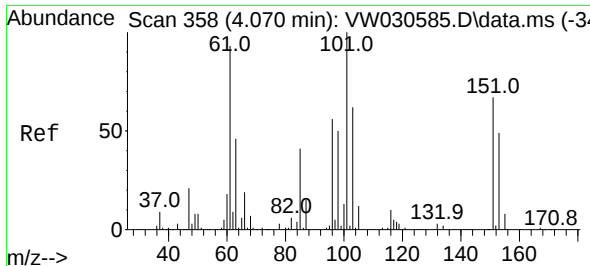
Tgt Ion: 64 Resp: 75716
Ion Ratio Lower Upper
64 100
66 33.8 22.3 41.5



#9
Trichlorofluoromethane
Concen: 21.263 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.000 min
Lab File: VW030595.D
Acq: 14 Oct 2024 17:55

Tgt Ion:101 Resp: 104916
Ion Ratio Lower Upper
101 100
103 64.3 51.1 76.7





#10

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

Concen: 21.196 ug/L

RT: 4.082 min Scan# 3

Delta R.T. 0.012 min

Lab File: VW030595.D

Acq: 14 Oct 2024 17:55

Instrument :

MSVOA_W

ClientSampleId :

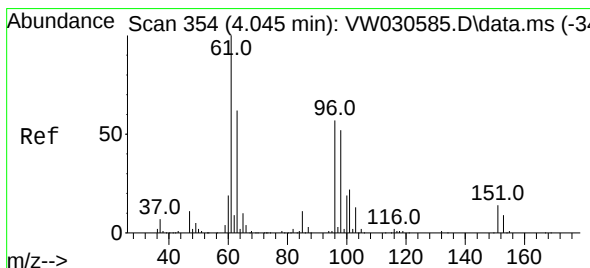
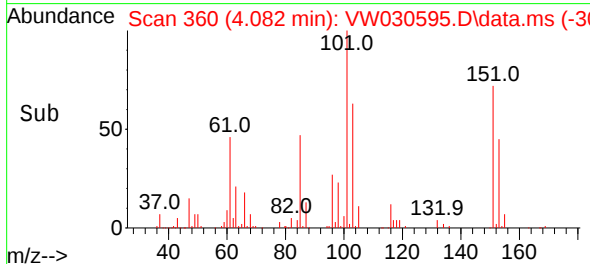
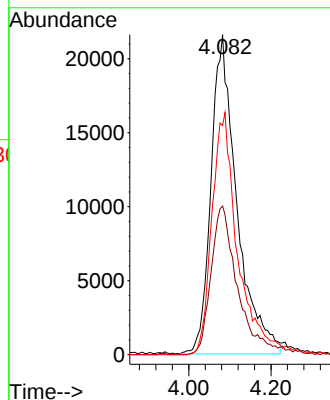
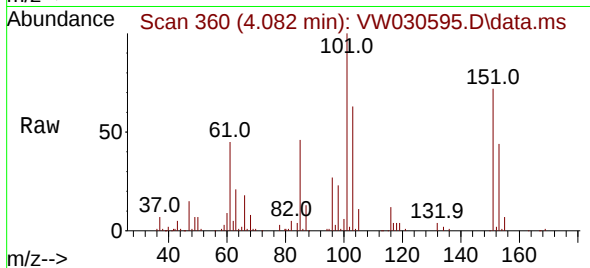
Tgt Ion:101 Resp: 94094

Ion Ratio Lower Upper

101 100

85 44.5 35.7 53.5

151 73.9 56.1 84.1



#12

1,1-Dichloroethene

Concen: 21.919 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.000 min

Lab File: VW030595.D

Acq: 14 Oct 2024 17:55

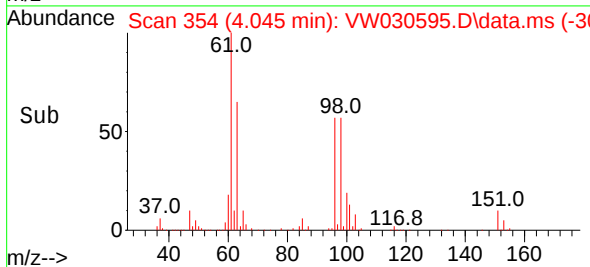
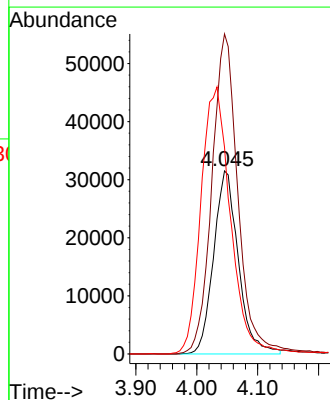
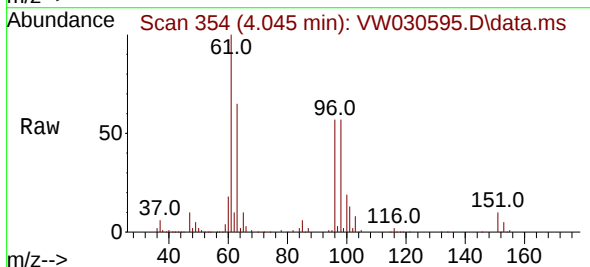
Tgt Ion: 96 Resp: 88806

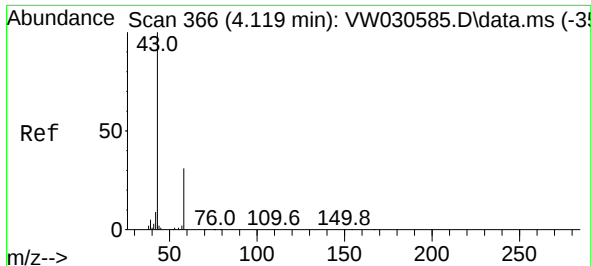
Ion Ratio Lower Upper

96 100

61 174.8 121.3 225.3

63 112.9 87.6 162.8

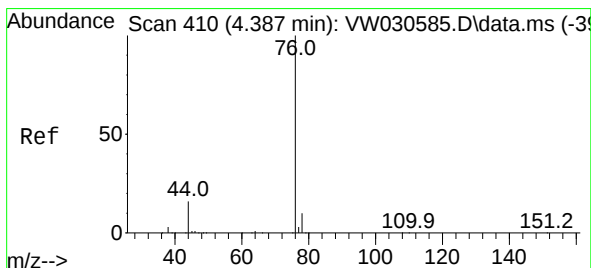
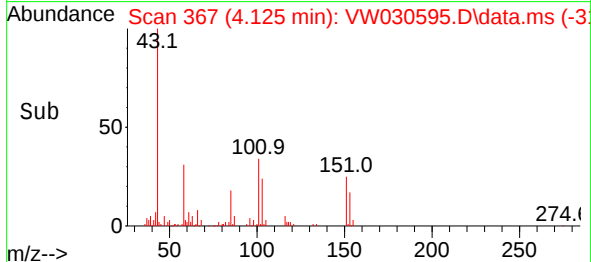
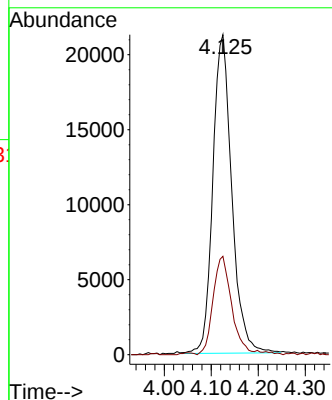
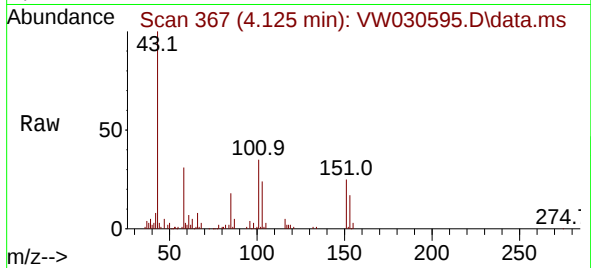




#13
Acetone
Concen: 47.460 ug/L
RT: 4.125 min Scan# 367
Delta R.T. 0.006 min
Lab File: VW030595.D
Acq: 14 Oct 2024 17:55

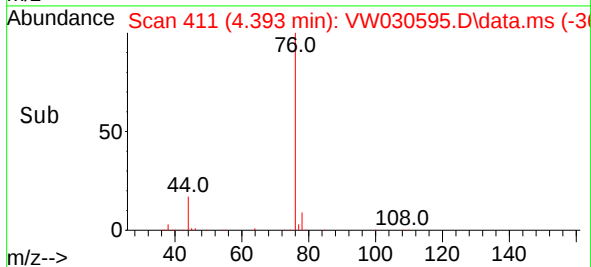
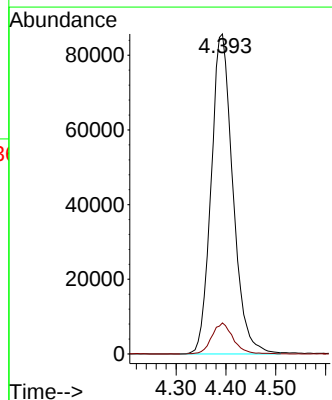
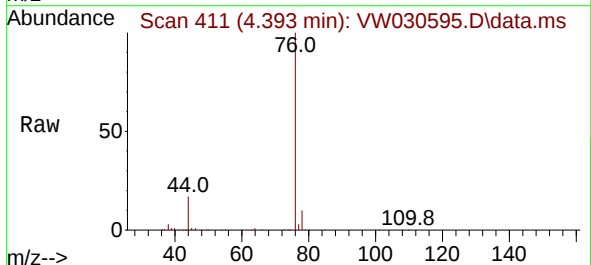
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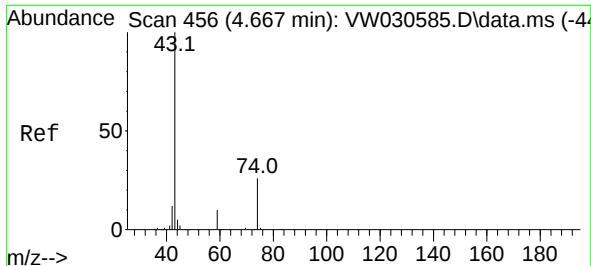
Tgt Ion: 43 Resp: 59353
Ion Ratio Lower Upper
43 100
58 30.1 0.0 57.6



#14
Carbon disulfide
Concen: 19.631 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 259720
Ion Ratio Lower Upper
76 100
78 9.7 7.1 10.7





#15

Methyl Acetate

Concen: 23.784 ug/L

RT: 4.673 min Scan# 4

Delta R.T. 0.006 min

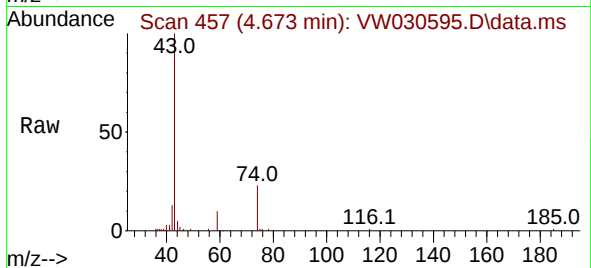
Lab File: VW030595.D

Acq: 14 Oct 2024 17:55

Instrument :

MSVOA_W

ClientSampleId :

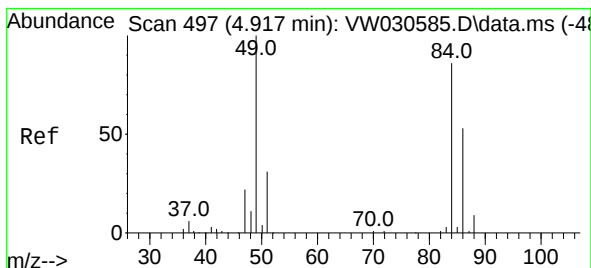
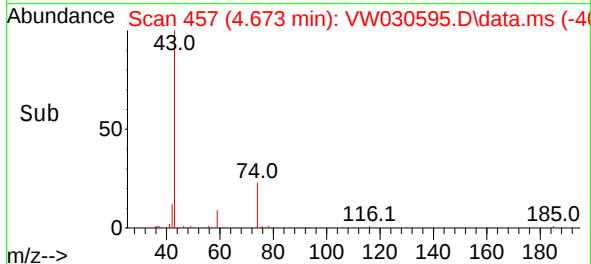
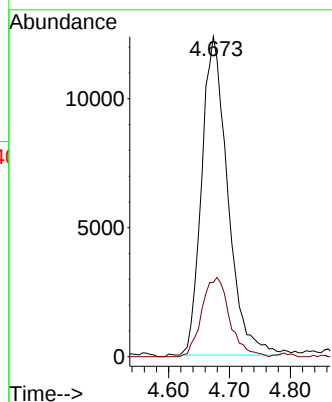


Tgt Ion: 43 Resp: 36742

Ion Ratio Lower Upper

43 100

74 26.5 19.3 28.9



#16

Methylene chloride

Concen: 22.417 ug/L

RT: 4.923 min Scan# 498

Delta R.T. 0.006 min

Lab File: VW030595.D

Acq: 14 Oct 2024 17:55

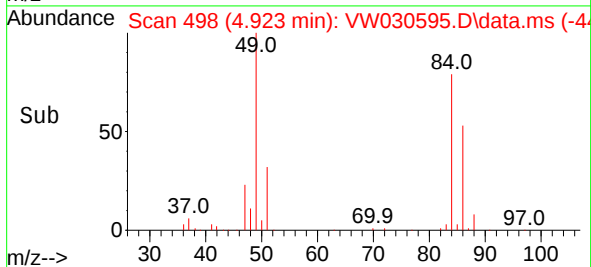
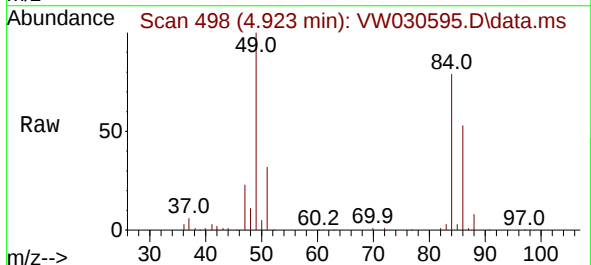
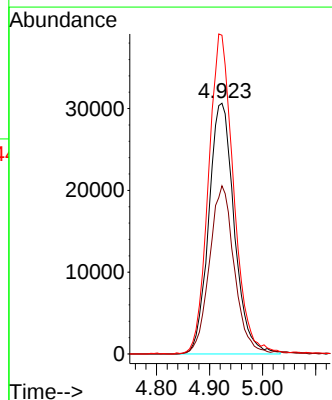
Tgt Ion: 84 Resp: 102337

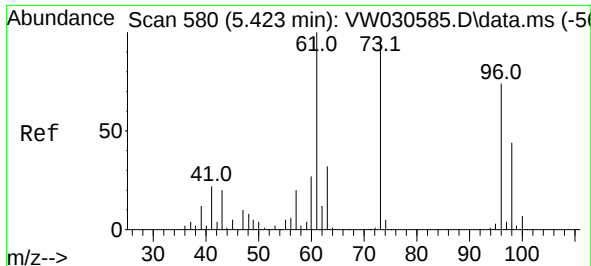
Ion Ratio Lower Upper

84 100

86 67.1 43.8 81.3

49 127.1 88.3 164.1





#17

trans-1,2-Dichloroethene

Concen: 21.764 ug/L

RT: 5.435 min Scan# 582

Delta R.T. 0.012 min

Lab File: VW030595.D

Acq: 14 Oct 2024 17:55

Instrument :

MSVOA_W

ClientSampleId :

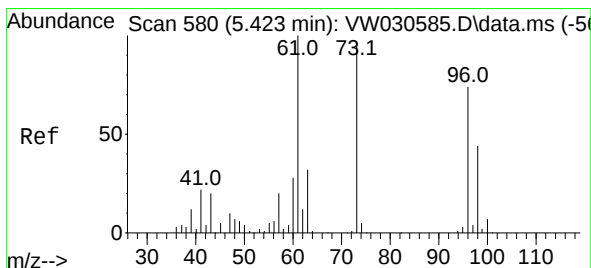
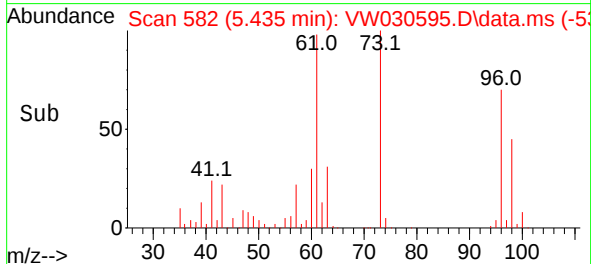
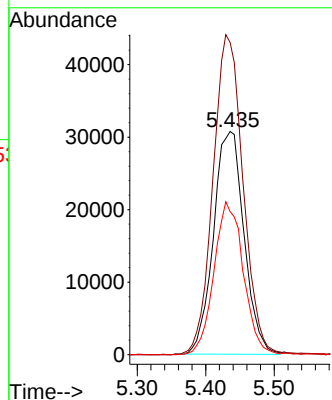
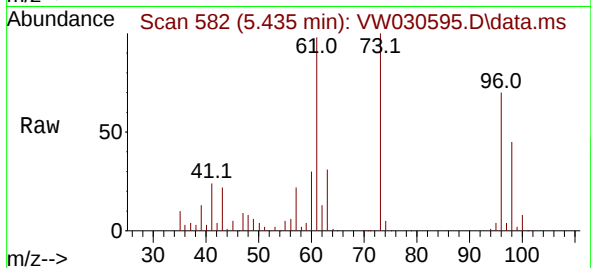
Tgt Ion: 96 Resp: 95149

Ion Ratio Lower Upper

96 100

61 139.9 96.9 179.9

98 64.1 42.2 78.4



#18

Methyl tert-butyl Ether

Concen: 26.020 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.006 min

Lab File: VW030595.D

Acq: 14 Oct 2024 17:55

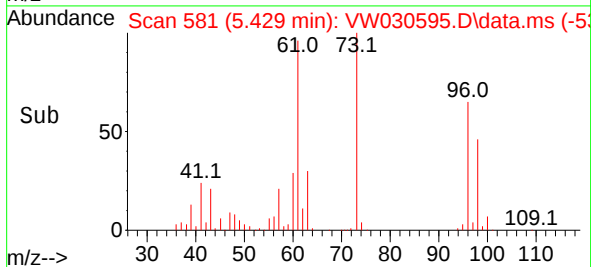
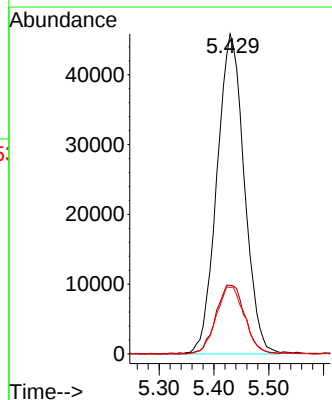
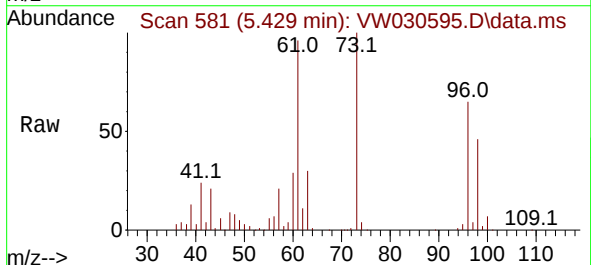
Tgt Ion: 73 Resp: 159204

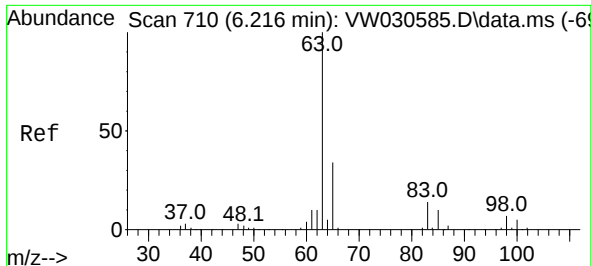
Ion Ratio Lower Upper

73 100

43 22.5 18.1 27.1

57 21.8 17.7 26.5





#19

1,1-Dichloroethane

Concen: 22.700 ug/L

RT: 6.222 min Scan# 711

Delta R.T. 0.006 min

Lab File: VW030595.D

Acq: 14 Oct 2024 17:55

Instrument :

MSVOA_W

ClientSampleId :

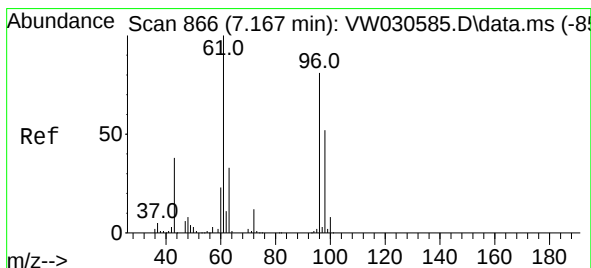
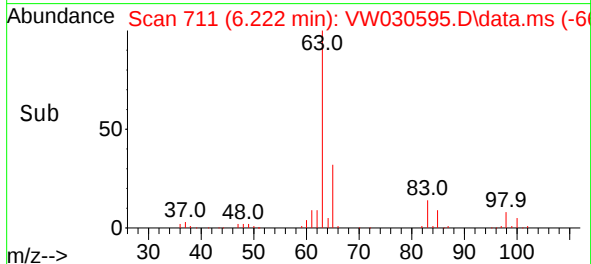
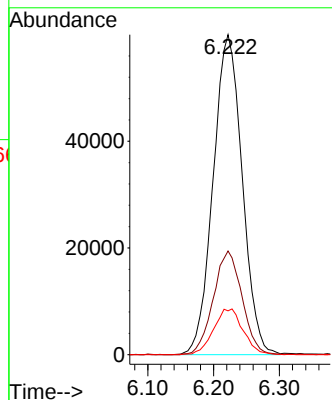
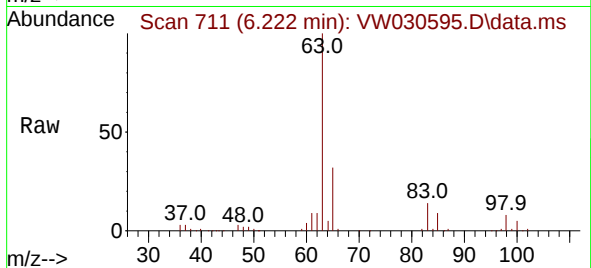
Tgt Ion: 63 Resp: 184441

Ion Ratio Lower Upper

63 100

65 32.4 22.5 41.9

83 13.7 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 23.494 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW030595.D

Acq: 14 Oct 2024 17:55

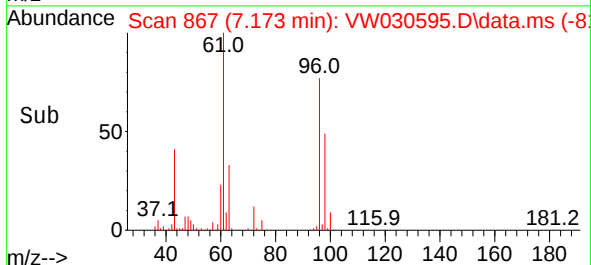
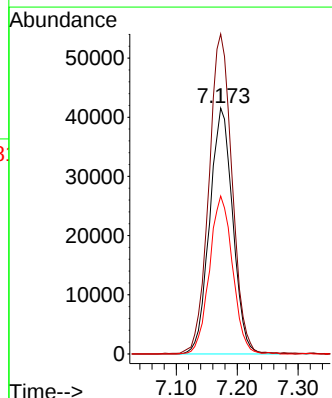
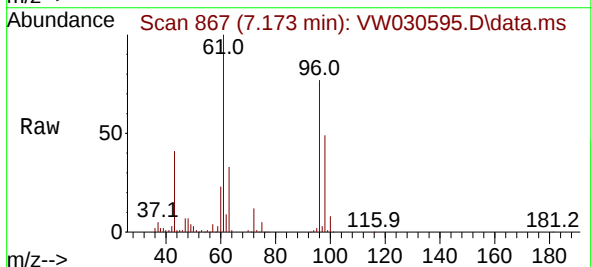
Tgt Ion: 96 Resp: 109555

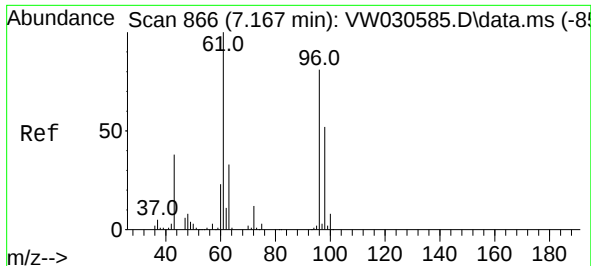
Ion Ratio Lower Upper

96 100

61 130.1 88.3 163.9

98 64.2 41.3 76.7





#22

2-Butanone

Concen: 45.669 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW030595.D

Acq: 14 Oct 2024 17:55

Instrument :

MSVOA_W

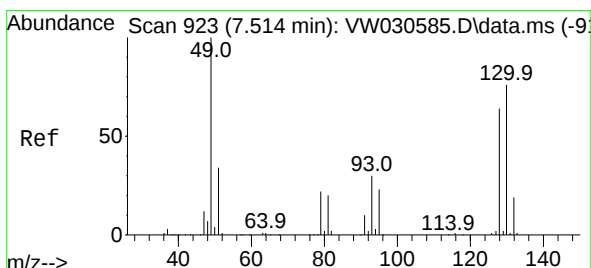
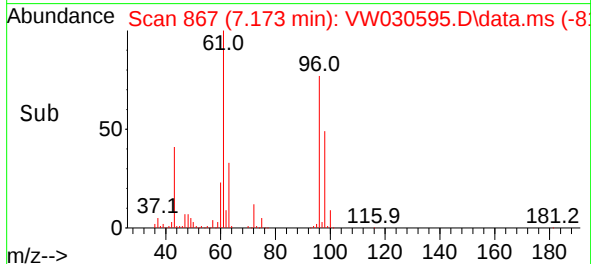
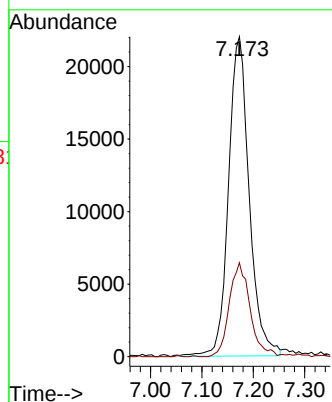
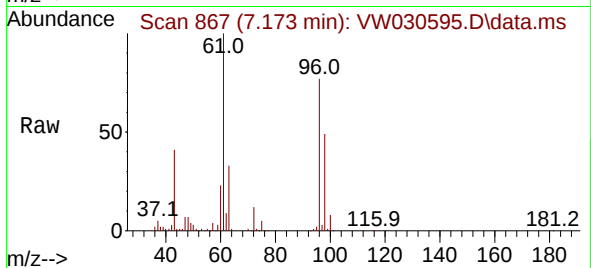
ClientSampleId :

Tgt Ion: 43 Resp: 61564

Ion Ratio Lower Upper

43 100

72 28.9 14.4 43.0



#23

Bromochloromethane

Concen: 23.297 ug/L

RT: 7.520 min Scan# 924

Delta R.T. 0.006 min

Lab File: VW030595.D

Acq: 14 Oct 2024 17:55

Tgt Ion: 128 Resp: 47524

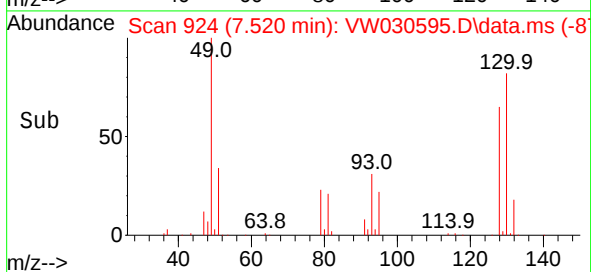
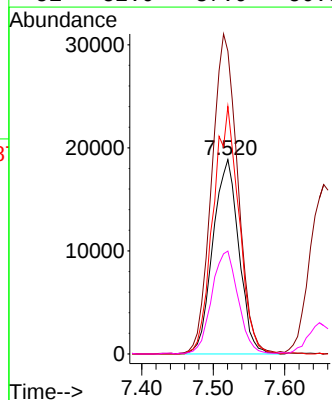
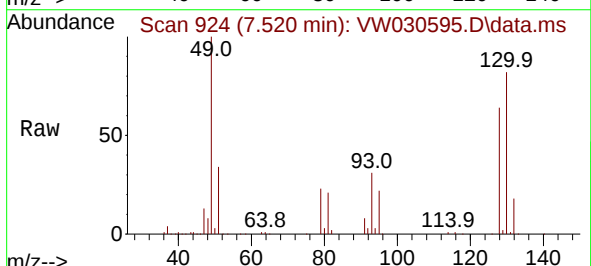
Ion Ratio Lower Upper

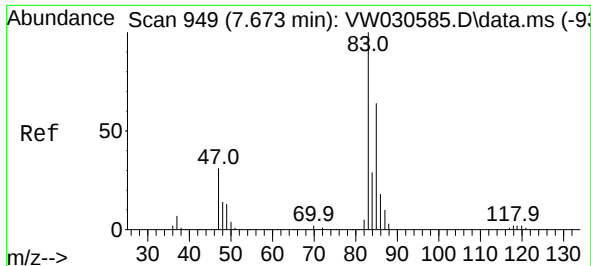
128 100

49 155.9 110.1 204.5

130 127.4 82.9 153.9

51 52.9 37.9 56.9





#25

Chloroform

Concen: 23.219 ug/L

RT: 7.679 min Scan# 949

Delta R.T. 0.006 min

Lab File: VW030595.D

Acq: 14 Oct 2024 17:55

Instrument :

MSVOA_W

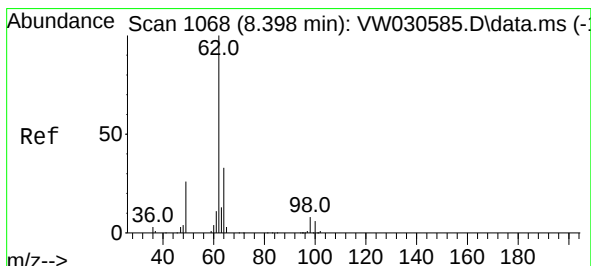
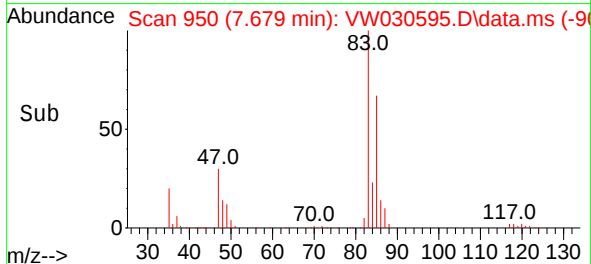
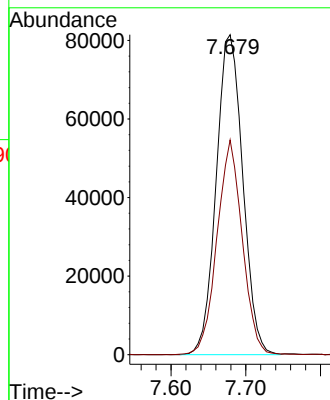
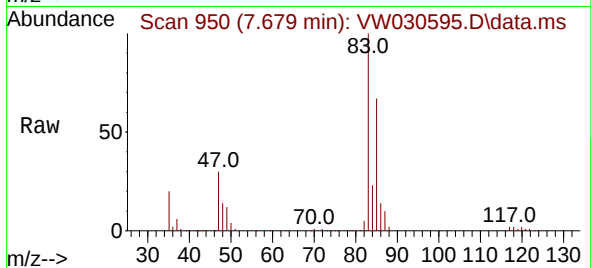
ClientSampleId :

Tgt Ion: 83 Resp: 201608

Ion Ratio Lower Upper

83 100

85 67.1 45.1 83.7



#27

1,2-Dichloroethane

Concen: 22.813 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW030595.D

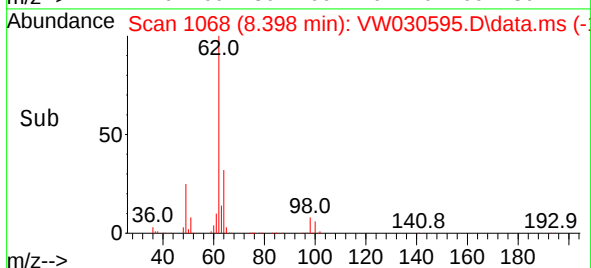
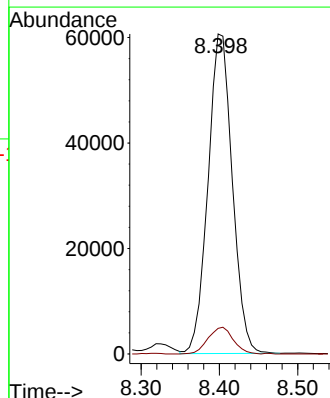
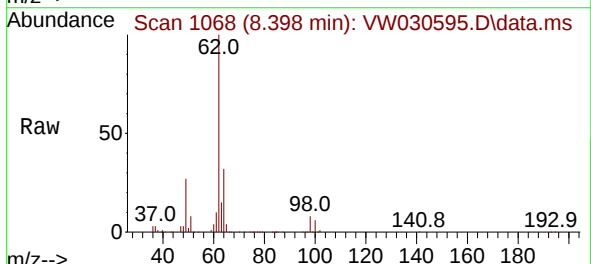
Acq: 14 Oct 2024 17:55

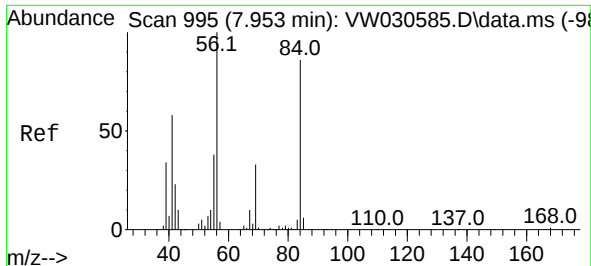
Tgt Ion: 62 Resp: 130682

Ion Ratio Lower Upper

62 100

98 8.0 7.0 10.6





#29

Cyclohexane

Concen: 21.539 ug/L

RT: 7.959 min Scan# 995

Delta R.T. 0.006 min

Lab File: VW030595.D

Acq: 14 Oct 2024 17:55

Instrument :

MSVOA_W

ClientSampleId :

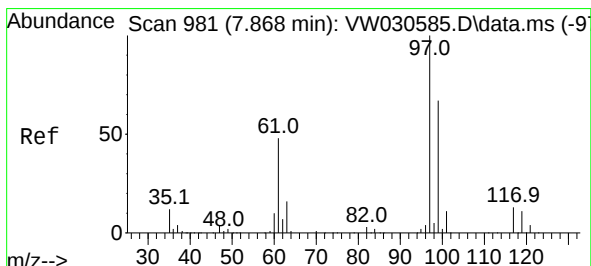
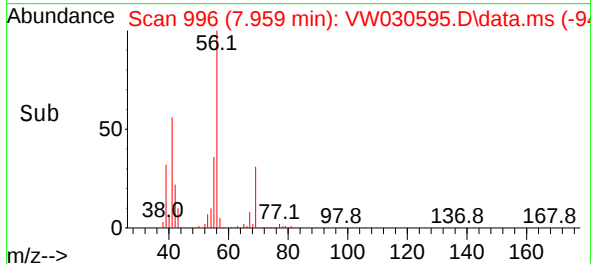
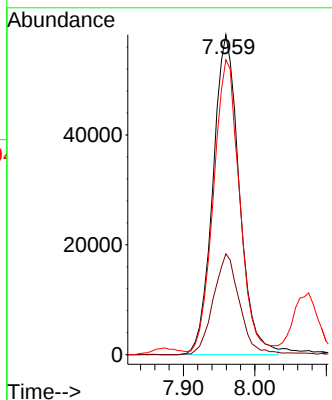
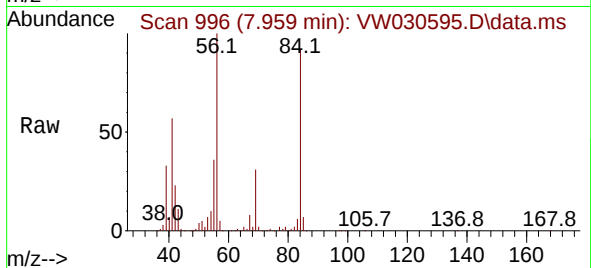
Tgt Ion: 56 Resp: 148646

Ion Ratio Lower Upper

56 100

69 30.6 25.4 38.0

84 92.0 72.3 108.5



#30

1,1,1-Trichloroethane

Concen: 21.992 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.006 min

Lab File: VW030595.D

Acq: 14 Oct 2024 17:55

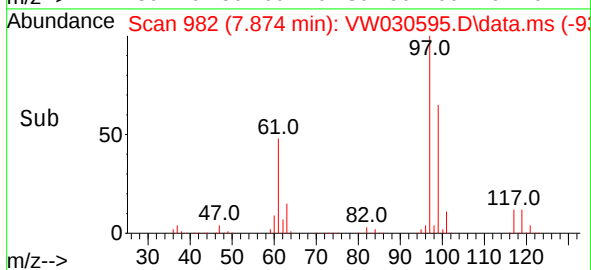
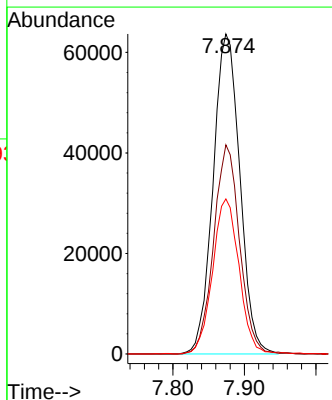
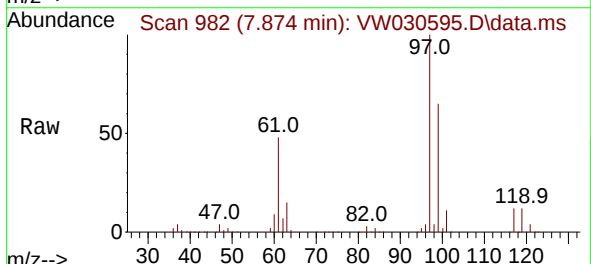
Tgt Ion: 97 Resp: 165517

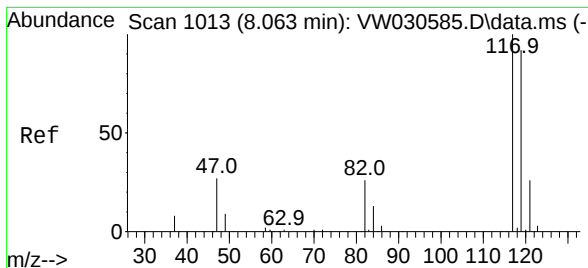
Ion Ratio Lower Upper

97 100

99 63.4 52.3 78.5

61 47.9 38.5 57.7





#31

Carbon tetrachloride

Concen: 21.279 ug/L

RT: 8.069 min Scan# 1013

Delta R.T. 0.006 min

Lab File: VW030595.D

Acq: 14 Oct 2024 17:55

Instrument :

MSVOA_W

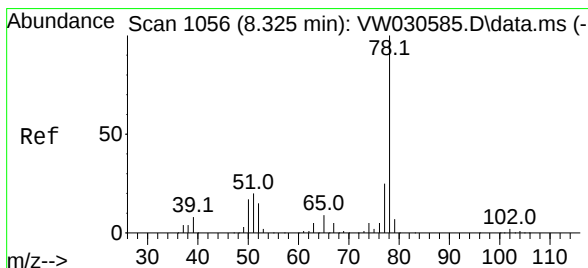
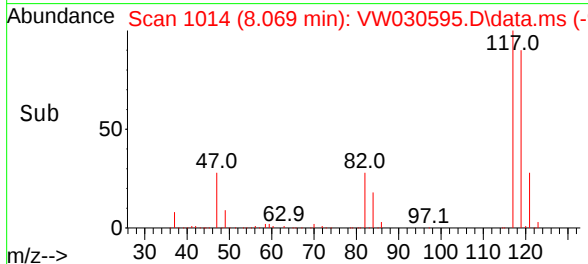
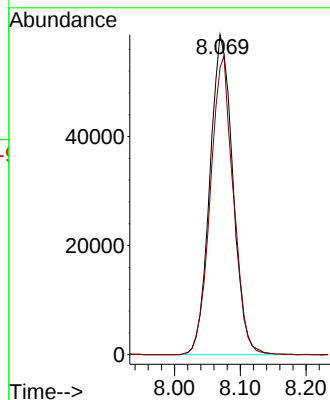
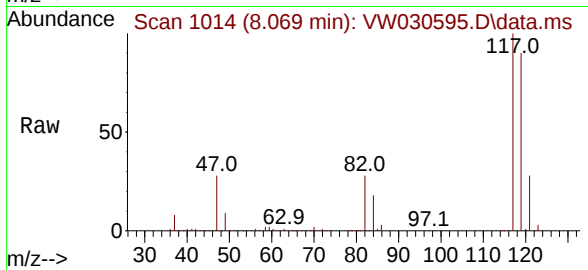
ClientSampleId :

Tgt Ion:117 Resp: 143036

Ion Ratio Lower Upper

117 100

119 93.2 77.8 116.8



#33

Benzene

Concen: 22.231 ug/L

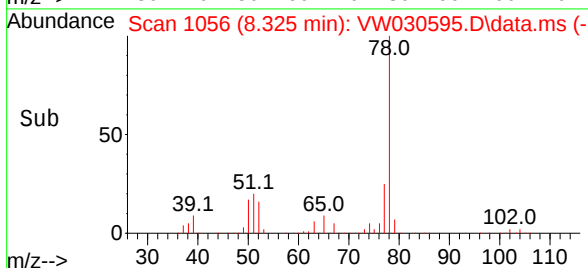
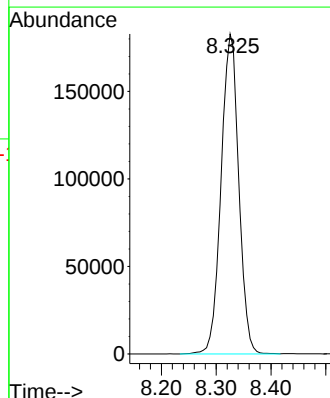
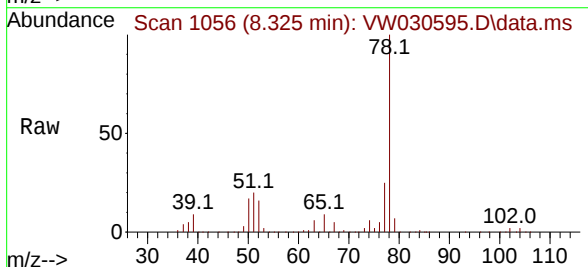
RT: 8.325 min Scan# 1056

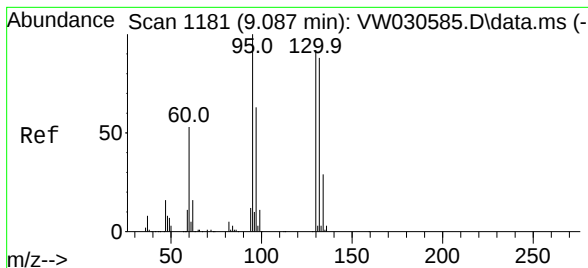
Delta R.T. 0.000 min

Lab File: VW030595.D

Acq: 14 Oct 2024 17:55

Tgt Ion: 78 Resp: 410148





#34

Trichloroethene

Concen: 21.420 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.006 min

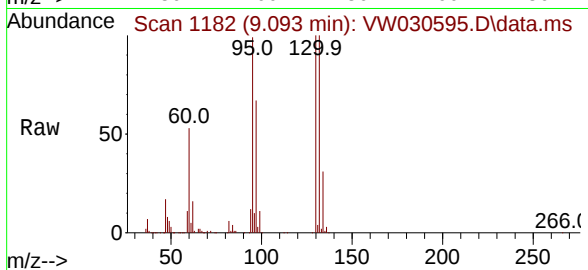
Lab File: VW030595.D

Acq: 14 Oct 2024 17:55

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 109945

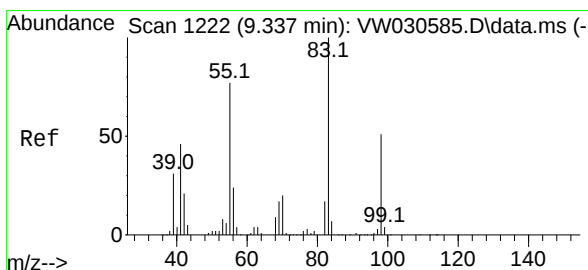
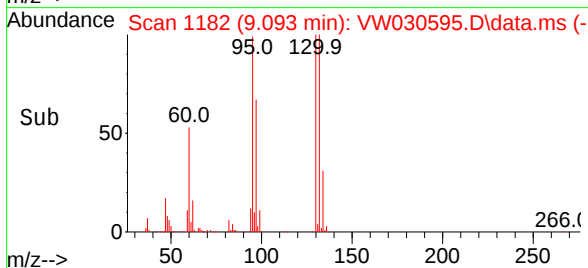
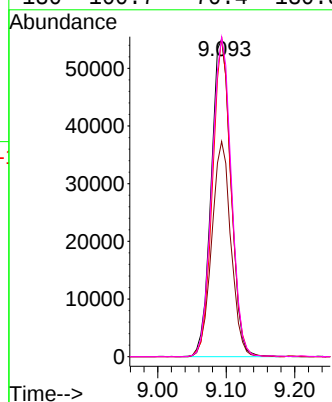
Ion Ratio Lower Upper

95 100

97 67.8 45.9 85.3

132 100.9 66.4 123.2

130 100.7 70.4 130.8



#35

Methylcyclohexane

Concen: 21.457 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW030595.D

Acq: 14 Oct 2024 17:55

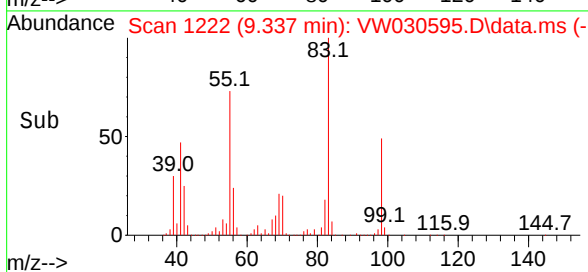
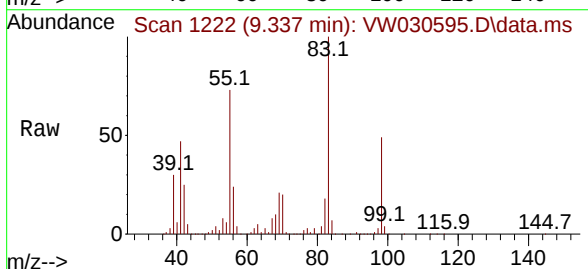
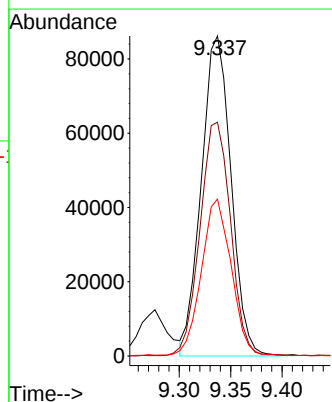
Tgt Ion: 83 Resp: 173328

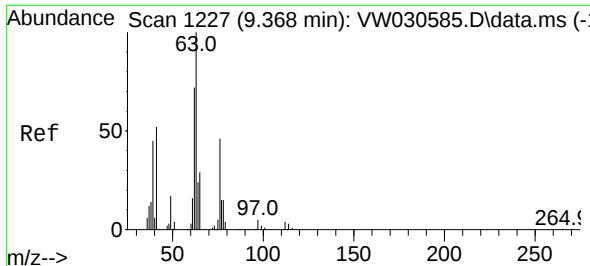
Ion Ratio Lower Upper

83 100

55 75.2 61.8 92.8

98 49.5 39.3 58.9





#37

1,2-Dichloropropane

Concen: 22.894 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW030595.D

Acq: 14 Oct 2024 17:55

Instrument :

MSVOA_W

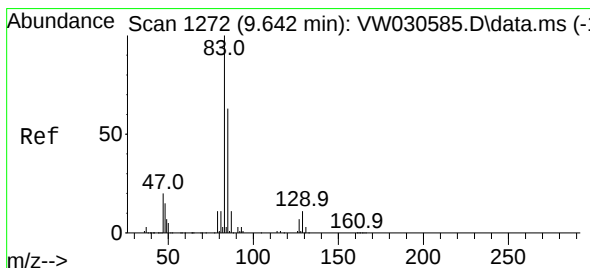
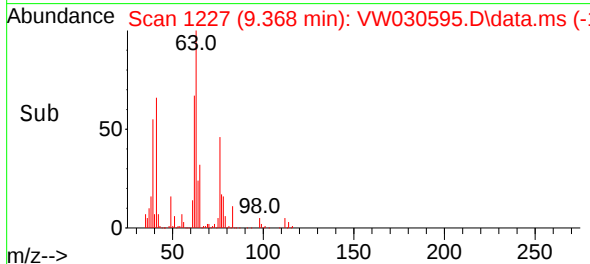
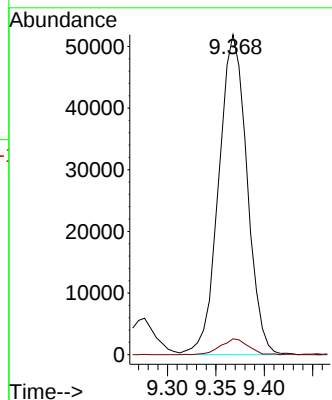
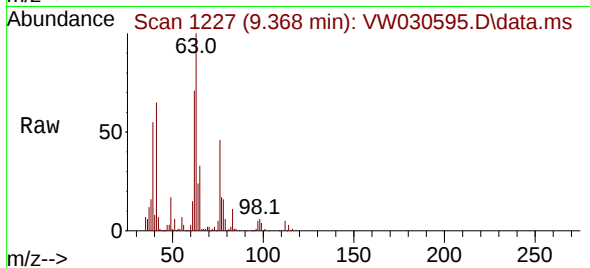
ClientSampleId :

Tgt Ion: 63 Resp: 105495

Ion Ratio Lower Upper

63 100

112 4.7 3.7 5.5



#38

Bromodichloromethane

Concen: 22.804 ug/L

RT: 9.648 min Scan# 1273

Delta R.T. 0.006 min

Lab File: VW030595.D

Acq: 14 Oct 2024 17:55

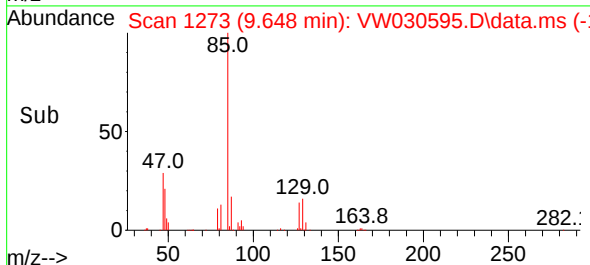
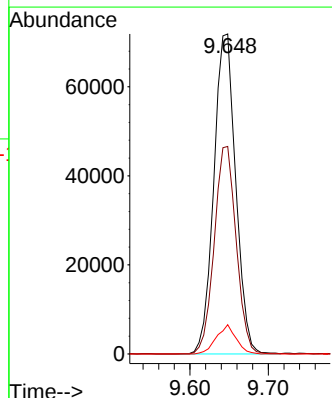
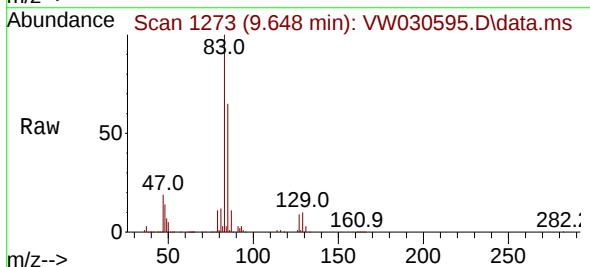
Tgt Ion: 83 Resp: 139804

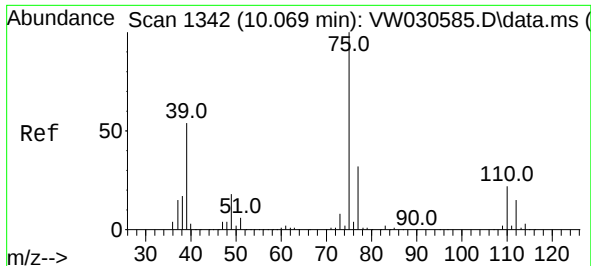
Ion Ratio Lower Upper

83 100

85 64.8 44.2 82.0

127 9.1 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 23.162 ug/L

RT: 10.075 min Scan# 1342

Delta R.T. 0.006 min

Lab File: VW030595.D

Acq: 14 Oct 2024 17:55

Instrument :

MSVOA_W

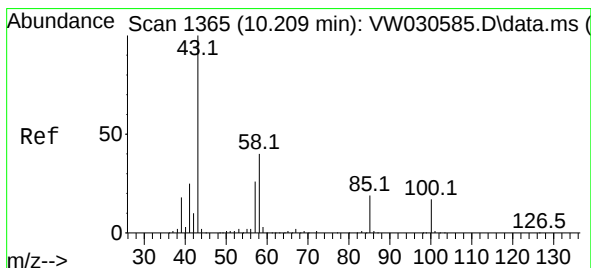
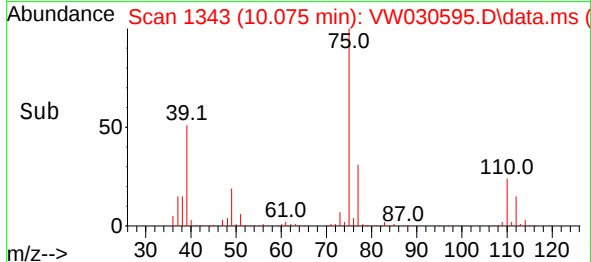
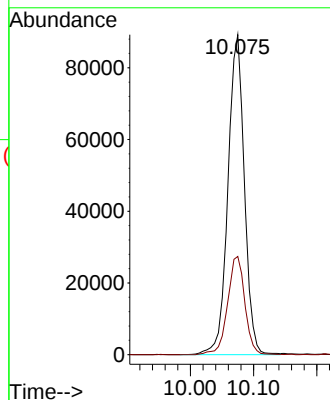
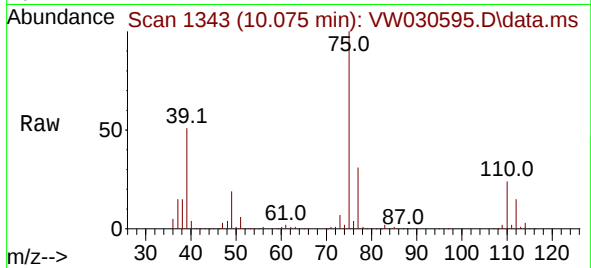
ClientSampleId :

Tgt Ion: 75 Resp: 160989

Ion Ratio Lower Upper

75 100

77 30.7 21.1 39.1



#40

4-Methyl-2-pentanone

Concen: 50.992 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW030595.D

Acq: 14 Oct 2024 17:55

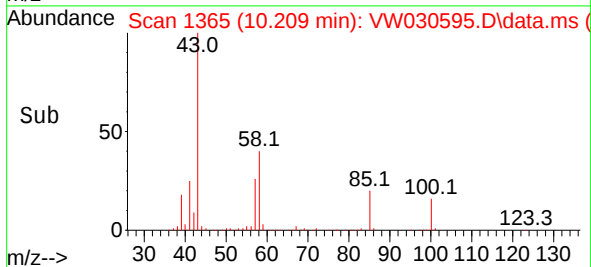
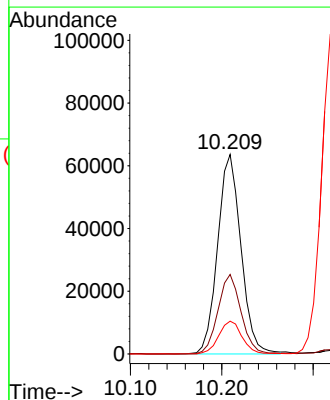
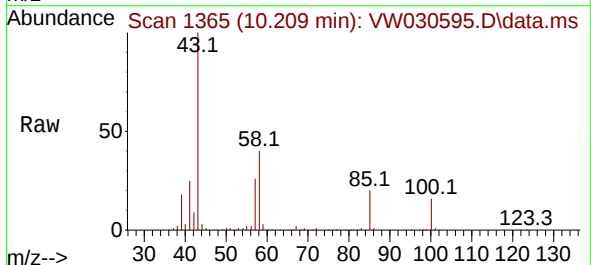
Tgt Ion: 43 Resp: 112880

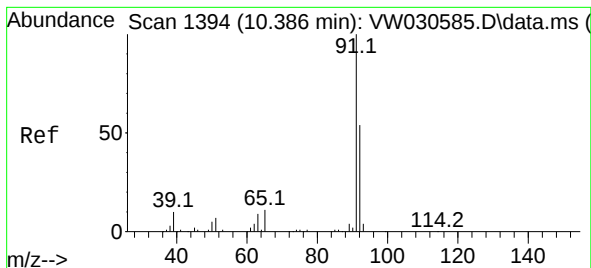
Ion Ratio Lower Upper

43 100

58 39.4 31.4 47.2

100 16.6 13.1 19.7





#42

Toluene

Concen: 23.421 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW030595.D

Acq: 14 Oct 2024 17:55

Instrument :

MSVOA_W

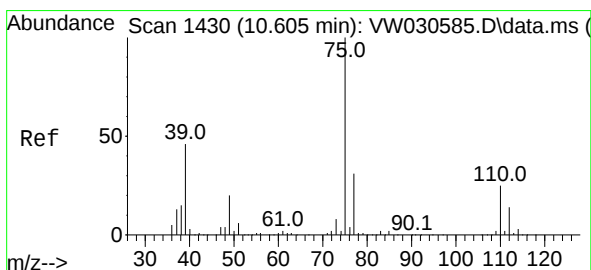
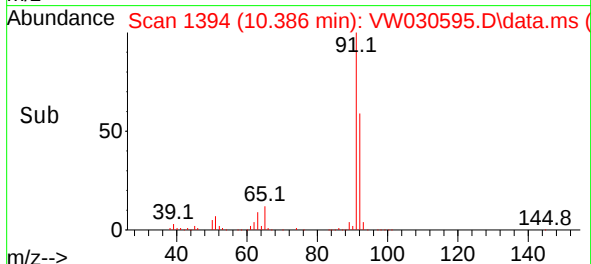
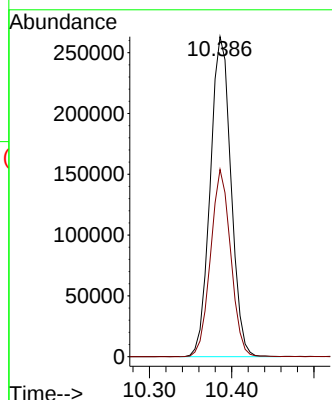
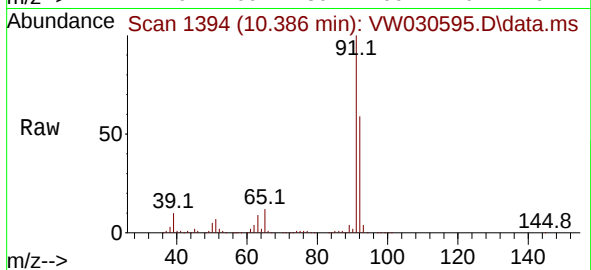
ClientSampleId :

Tgt Ion: 91 Resp: 461001

Ion Ratio Lower Upper

91 100

92 58.5 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 23.021 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW030595.D

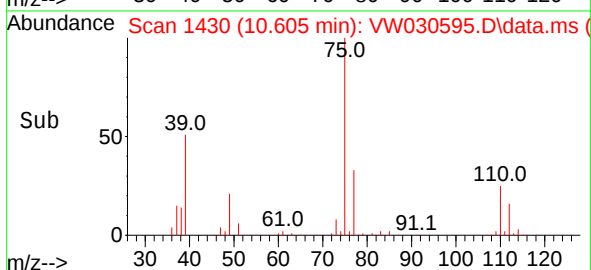
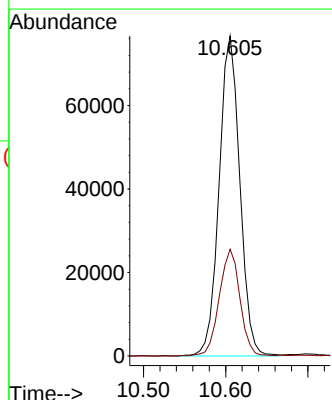
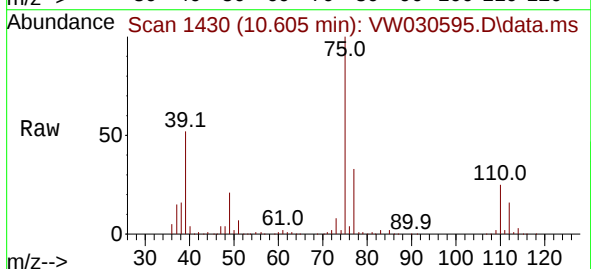
Acq: 14 Oct 2024 17:55

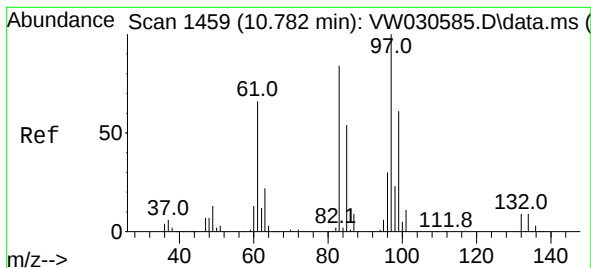
Tgt Ion: 75 Resp: 134456

Ion Ratio Lower Upper

75 100

77 33.3 21.6 40.2





#45

1,1,2-Trichloroethane

Concen: 23.696 ug/L

RT: 10.788 min Scan# 1459

Delta R.T. 0.006 min

Lab File: VW030595.D

Acq: 14 Oct 2024 17:55

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 78915

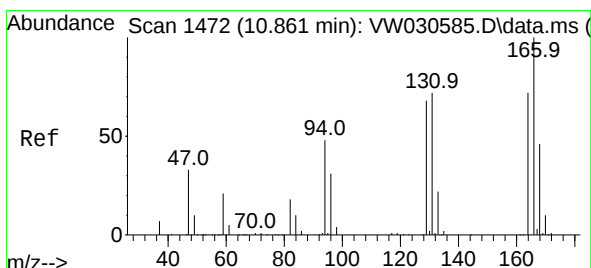
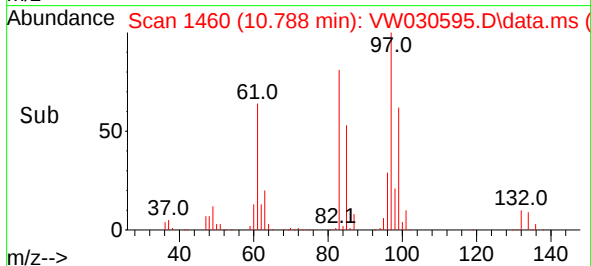
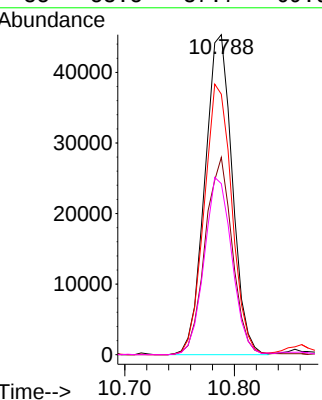
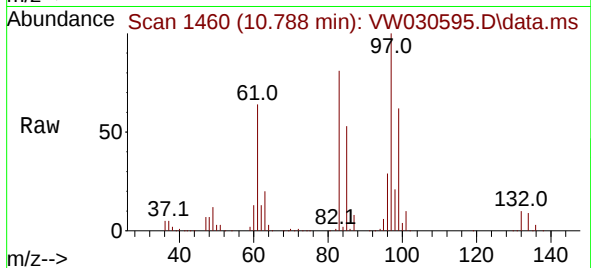
Ion Ratio Lower Upper

97 100

99 61.7 41.2 76.6

83 81.4 59.6 110.6

85 53.5 37.7 69.9



#46

Tetrachloroethene

Concen: 22.944 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW030595.D

Acq: 14 Oct 2024 17:55

Tgt Ion:164 Resp: 86859

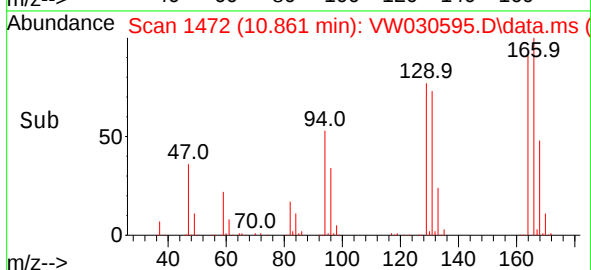
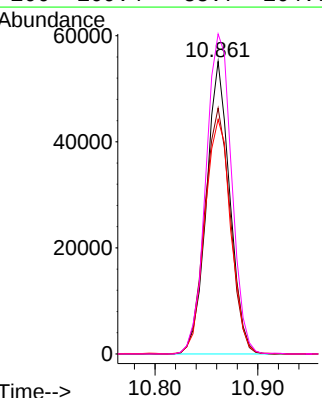
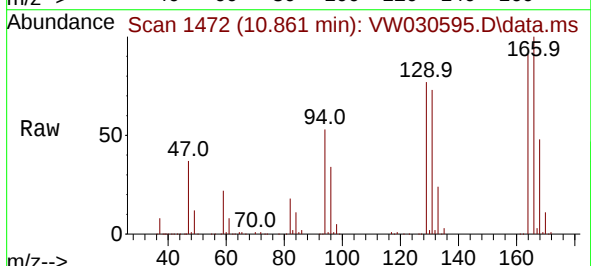
Ion Ratio Lower Upper

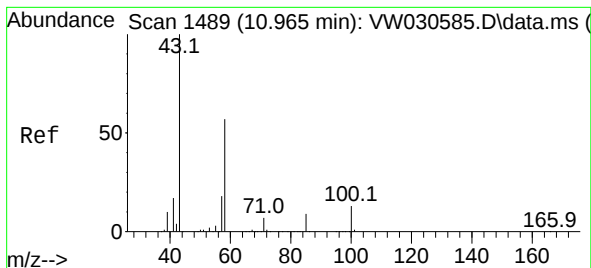
164 100

129 84.1 66.6 123.6

131 80.2 63.7 118.3

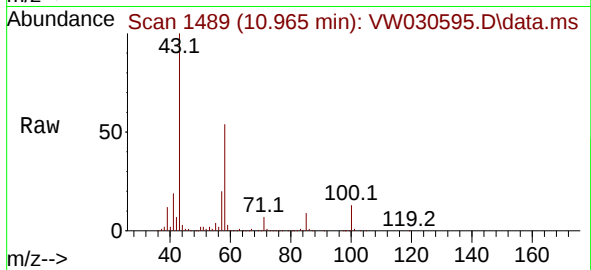
166 109.4 88.7 164.7



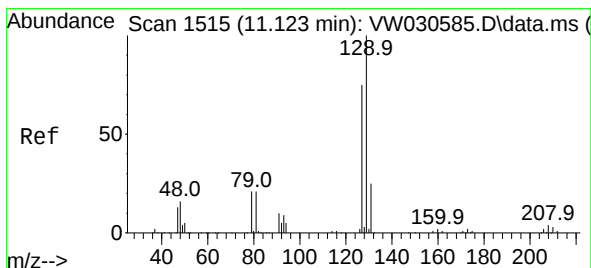
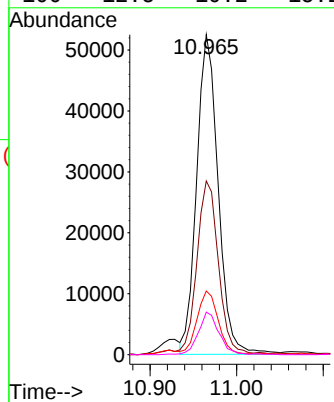
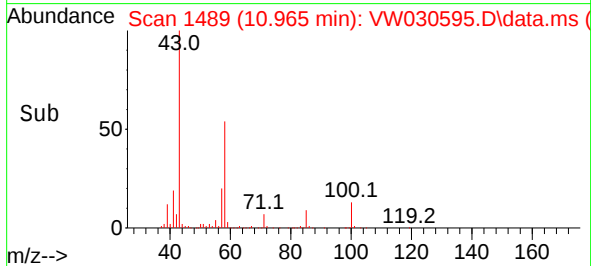


#48
2-Hexanone
Concen: 50.055 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW030595.D
Acq: 14 Oct 2024 17:55

Instrument :
MSVOA_W
ClientSampleId :

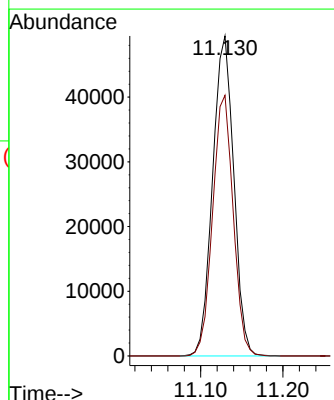
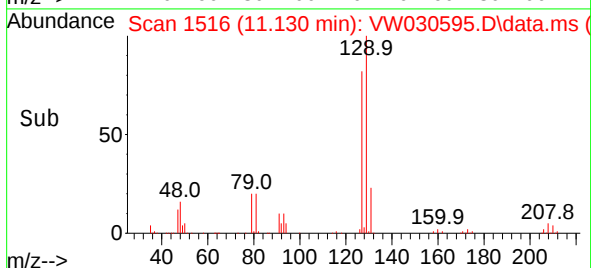
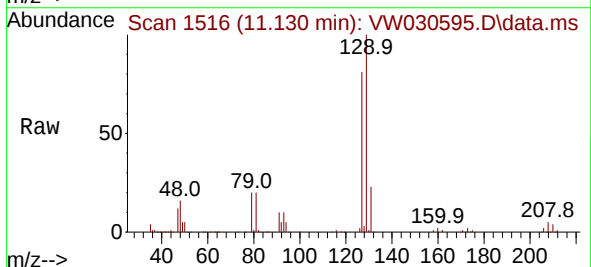


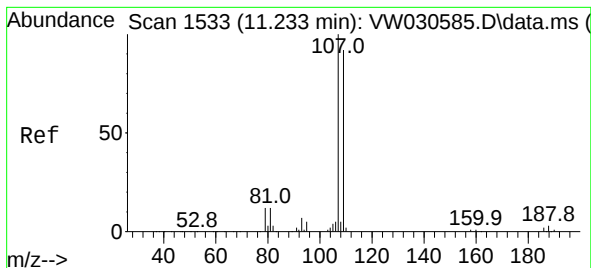
Tgt Ion: 43 Resp: 90615
Ion Ratio Lower Upper
43 100
58 54.3 44.6 67.0
57 19.9 15.8 23.8
100 12.5 10.2 15.2



#49
Dibromochloromethane
Concen: 23.792 ug/L
RT: 11.130 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW030595.D
Acq: 14 Oct 2024 17:55

Tgt Ion: 129 Resp: 88409
Ion Ratio Lower Upper
129 100
127 81.4 56.5 104.9





#50

1,2-Dibromoethane

Concen: 23.694 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW030595.D

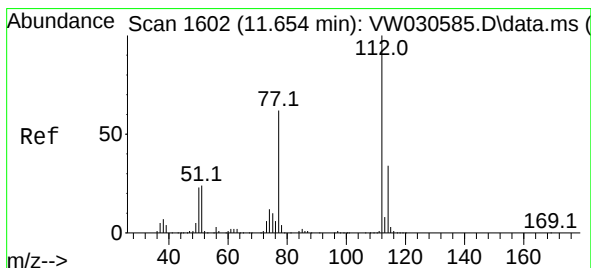
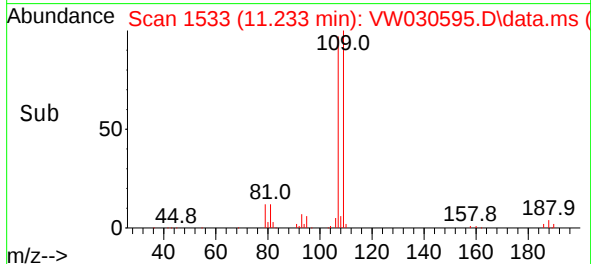
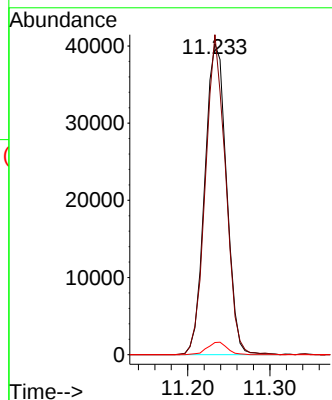
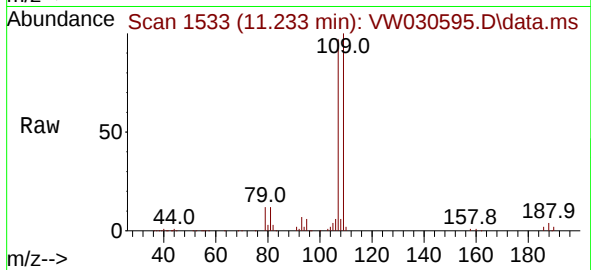
Acq: 14 Oct 2024 17:55

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	73630
Ion Ratio	Lower	Upper	
107	100		
109	102.9	63.8	118.6
188	3.9	2.6	3.8#



#51

Chlorobenzene

Concen: 22.696 ug/L

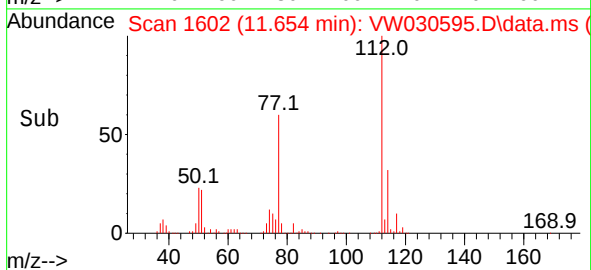
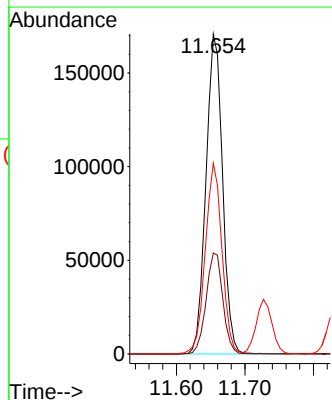
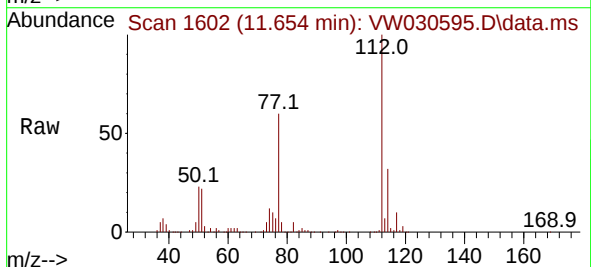
RT: 11.654 min Scan# 1602

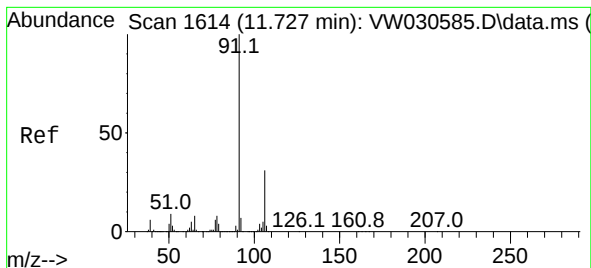
Delta R.T. 0.000 min

Lab File: VW030595.D

Acq: 14 Oct 2024 17:55

Tgt Ion:	112	Resp:	287575
Ion Ratio	Lower	Upper	
112	100		
114	31.6	22.4	41.6
77	59.6	47.1	70.7





#52

Ethylbenzene

Concen: 22.778 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030595.D

Acq: 14 Oct 2024 17:55

Instrument :

MSVOA_W

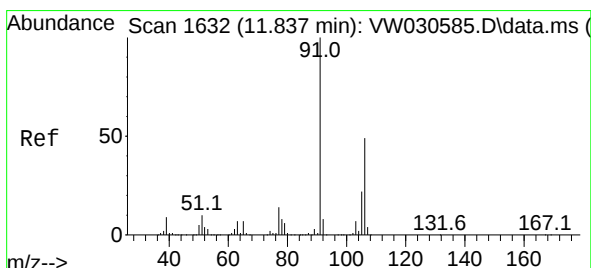
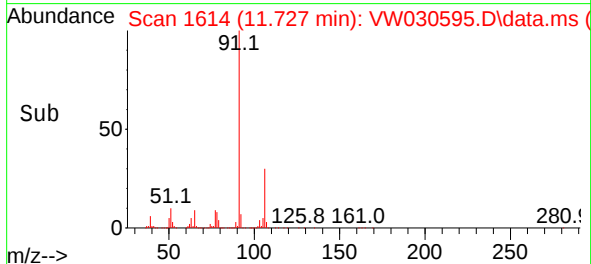
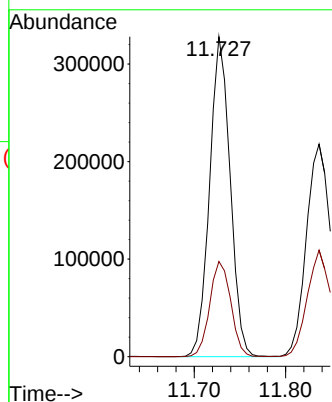
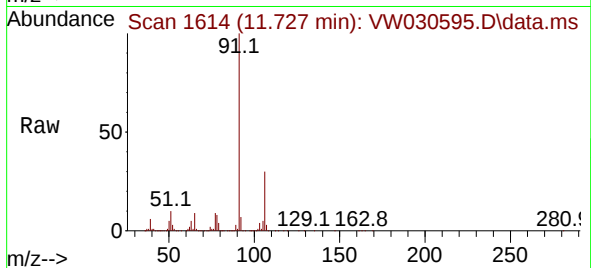
ClientSampleId :

Tgt Ion: 91 Resp: 511588

Ion Ratio Lower Upper

91 100

106 29.8 21.1 39.1



#53

m,p-Xylene

Concen: 23.240 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW030595.D

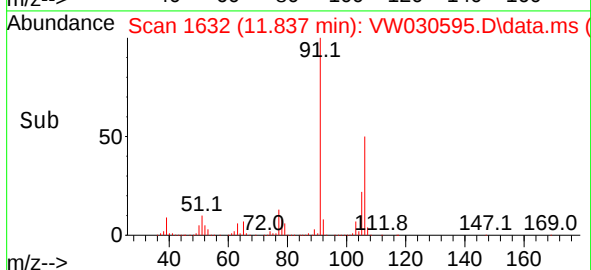
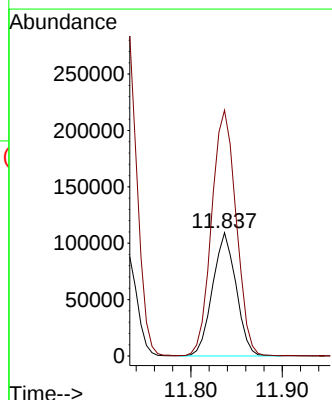
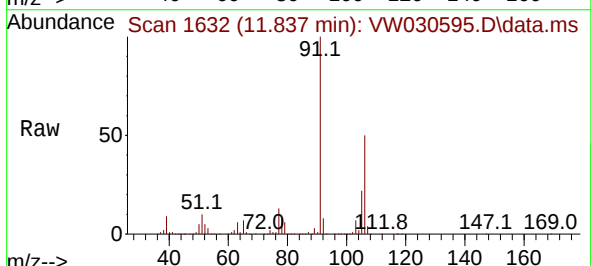
Acq: 14 Oct 2024 17:55

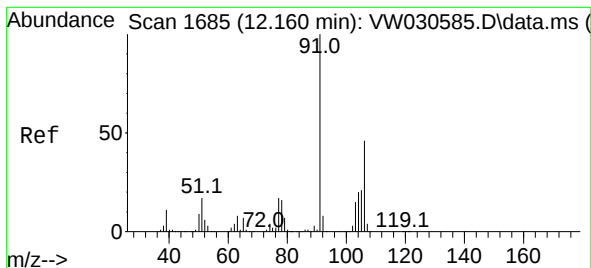
Tgt Ion:106 Resp: 195551

Ion Ratio Lower Upper

106 100

91 199.5 140.6 261.2

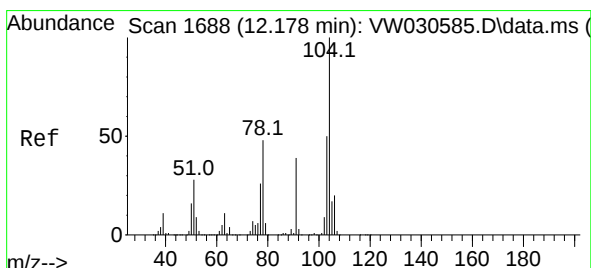
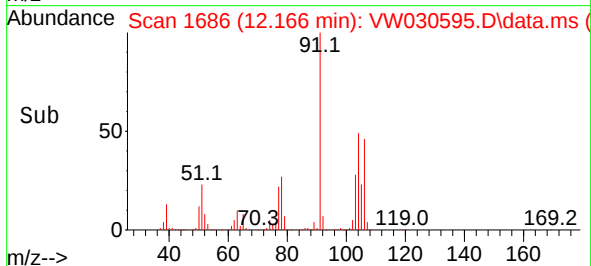
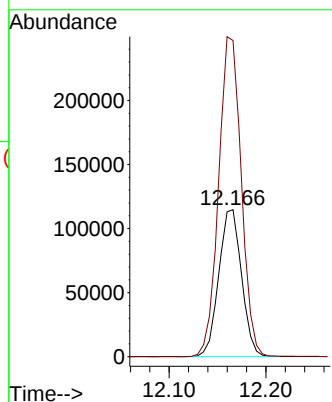
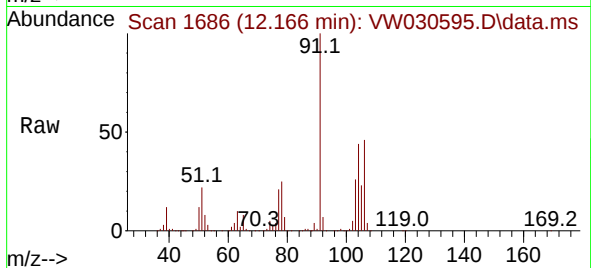




#54
o-Xylene
Concen: 24.085 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW030595.D
Acq: 14 Oct 2024 17:55

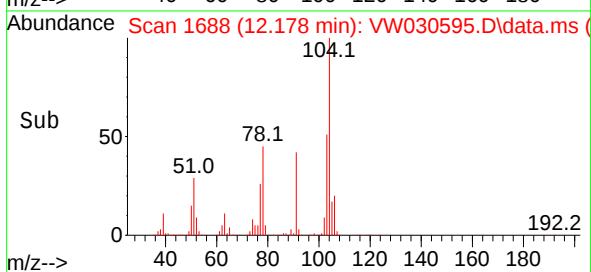
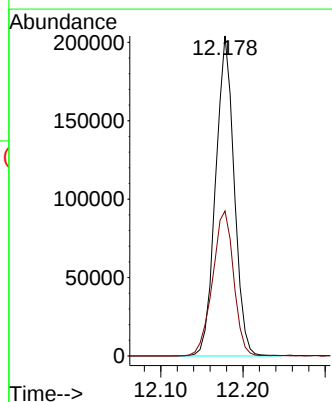
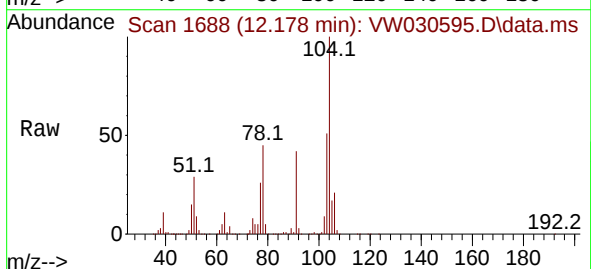
Instrument :
MSVOA_W
ClientSampleId :

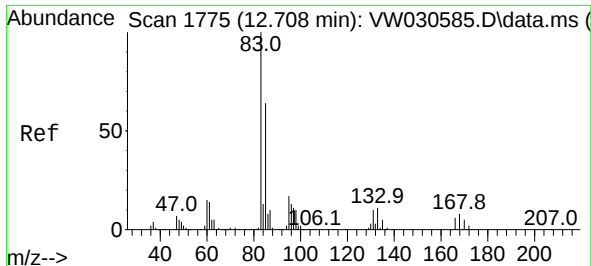
Tgt Ion:106 Resp: 187360
Ion Ratio Lower Upper
106 100
91 215.1 144.5 268.4



#55
Styrene
Concen: 24.057 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW030595.D
Acq: 14 Oct 2024 17:55

Tgt Ion:104 Resp: 319931
Ion Ratio Lower Upper
104 100
78 45.3 34.3 63.7





#57

1,1,2,2-Tetrachloroethane

Concen: 24.164 ug/L

RT: 12.709 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030595.D

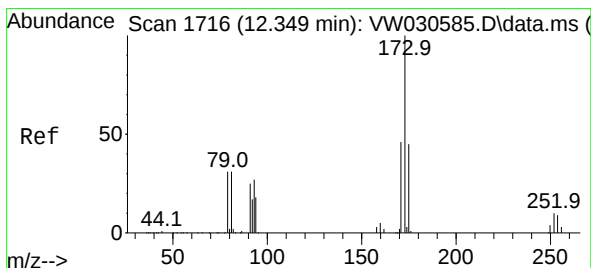
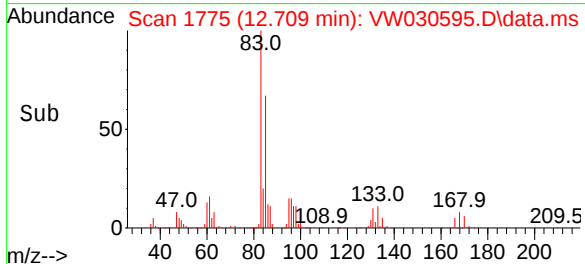
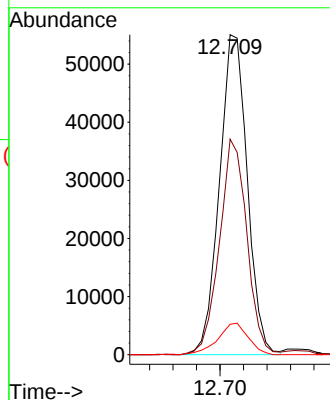
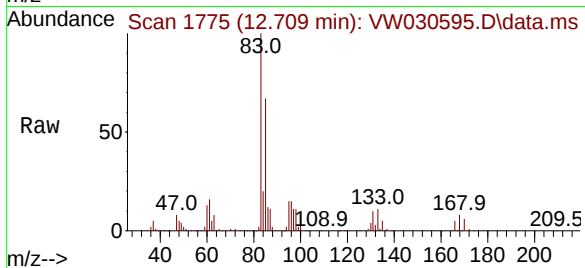
Acq: 14 Oct 2024 17:55

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	90747
Ion Ratio	Lower	Upper	
83	100		
85	67.3	42.6	79.2
131	9.5	7.4	11.0



#59

Bromoform

Concen: 23.573 ug/L

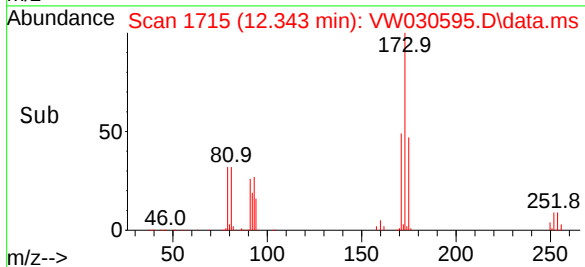
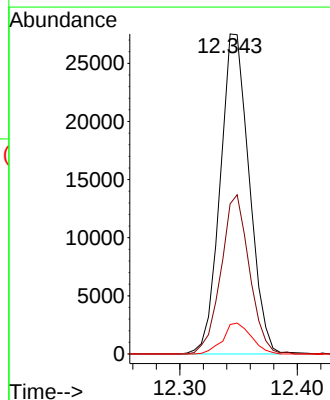
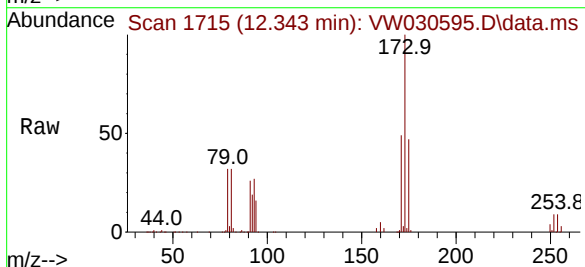
RT: 12.343 min Scan# 1715

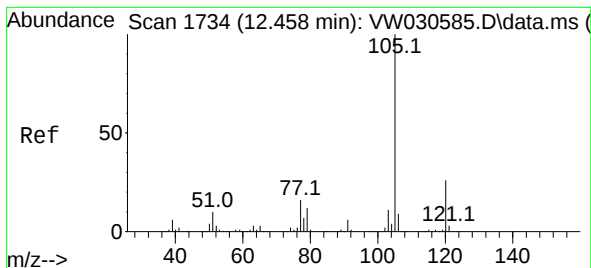
Delta R.T. -0.006 min

Lab File: VW030595.D

Acq: 14 Oct 2024 17:55

Tgt Ion:	173	Resp:	47207
Ion Ratio	Lower	Upper	
173	100		
175	48.6	39.0	58.4
254	9.5	7.7	11.5





#60

Isopropylbenzene

Concen: 23.670 ug/L

RT: 12.459 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030595.D

Acq: 14 Oct 2024 17:55

Instrument :

MSVOA_W

ClientSampleId :

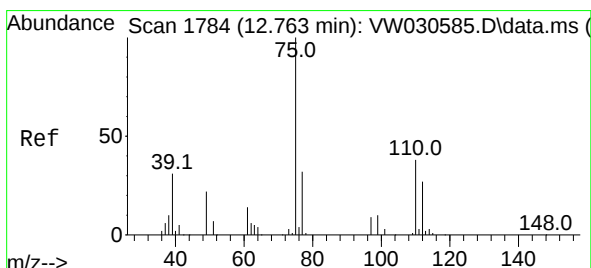
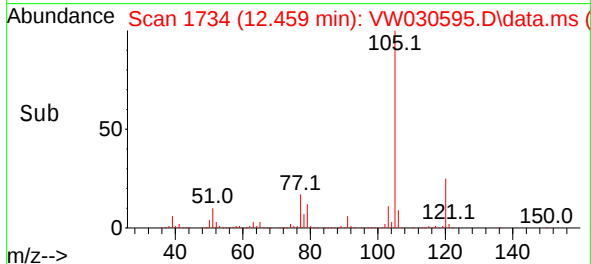
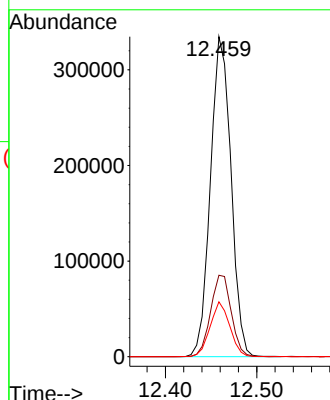
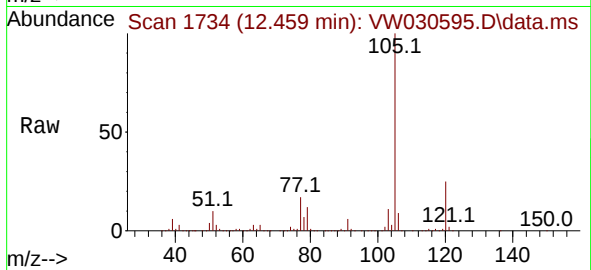
Tgt Ion:105 Resp: 522478

Ion Ratio Lower Upper

105 100

120 25.6 20.6 31.0

77 16.4 13.4 20.0



#61

1,2,3-Trichloropropane

Concen: 23.287 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW030595.D

Acq: 14 Oct 2024 17:55

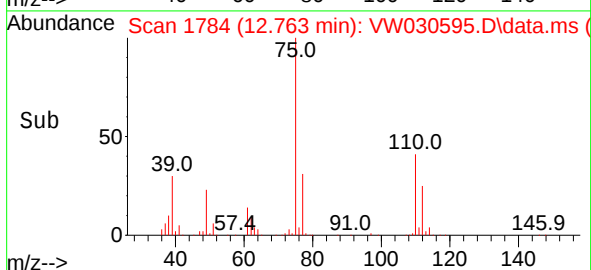
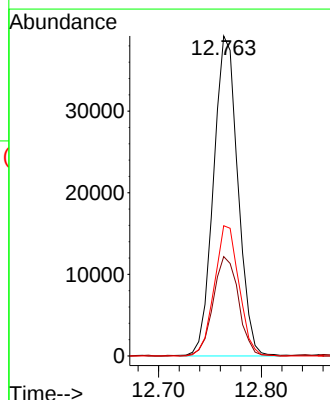
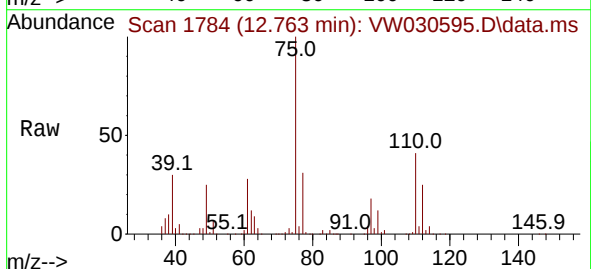
Tgt Ion: 75 Resp: 64589

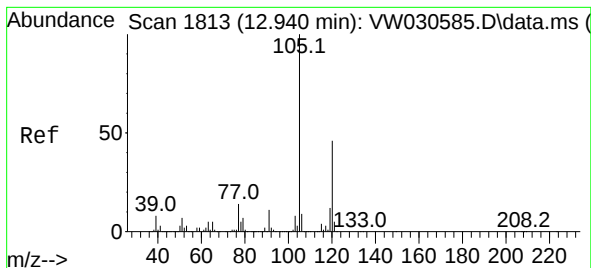
Ion Ratio Lower Upper

75 100

77 32.3 25.7 38.5

110 41.1 32.3 48.5

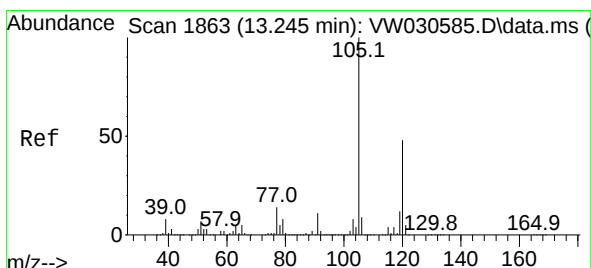
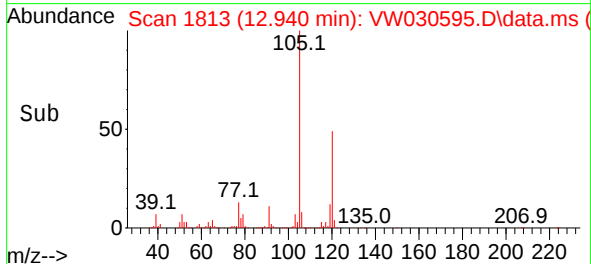
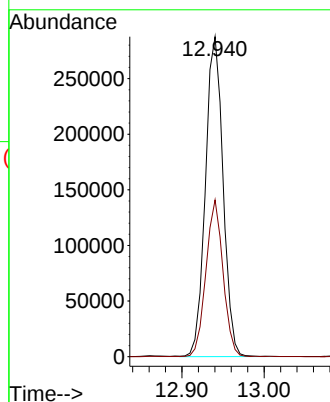
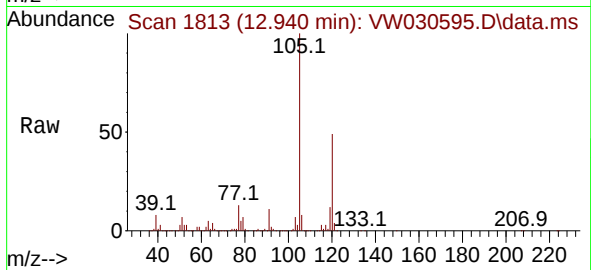




#62
1,3,5-Trimethylbenzene
Concen: 24.613 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW030595.D
Acq: 14 Oct 2024 17:55

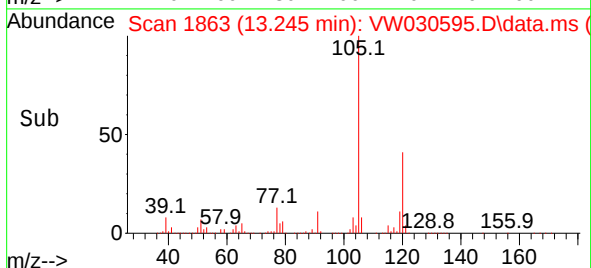
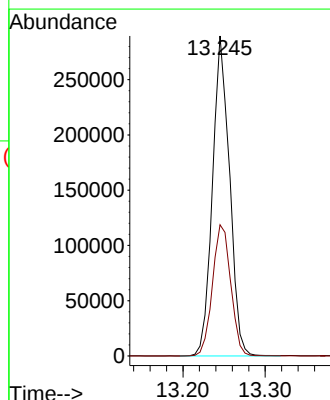
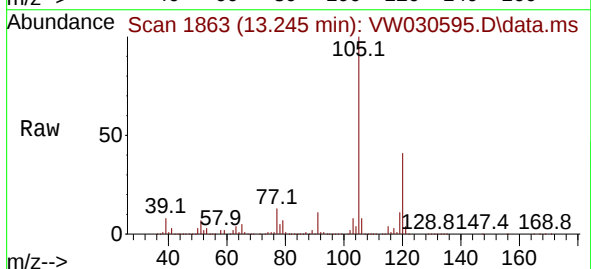
Instrument :
MSVOA_W
ClientSampleId :

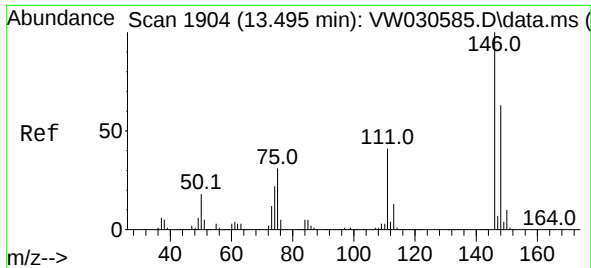
Tgt Ion:105 Resp: 428631
Ion Ratio Lower Upper
105 100
120 47.5 38.0 57.0



#63
1,2,4-Trimethylbenzene
Concen: 24.514 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW030595.D
Acq: 14 Oct 2024 17:55

Tgt Ion:105 Resp: 417974
Ion Ratio Lower Upper
105 100
120 43.8 35.8 53.6

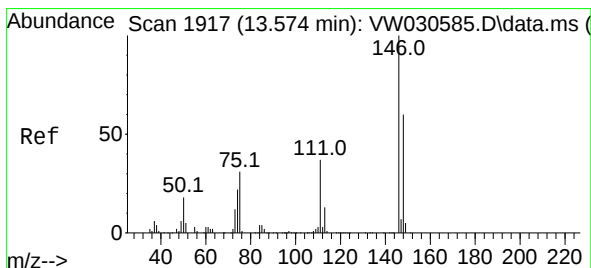
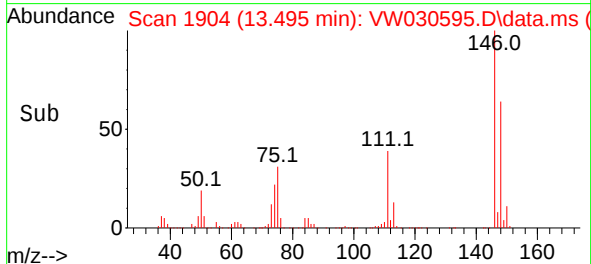
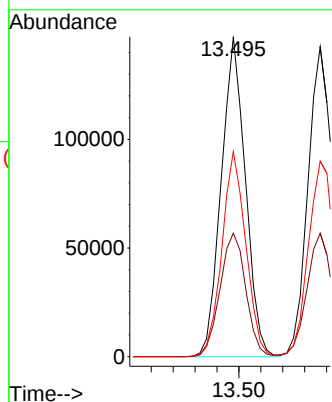
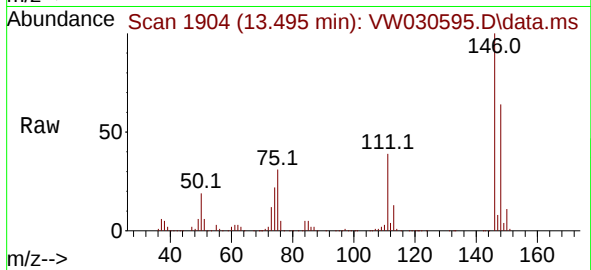




#64
1,3-Dichlorobenzene
Concen: 23.488 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW030595.D
Acq: 14 Oct 2024 17:55

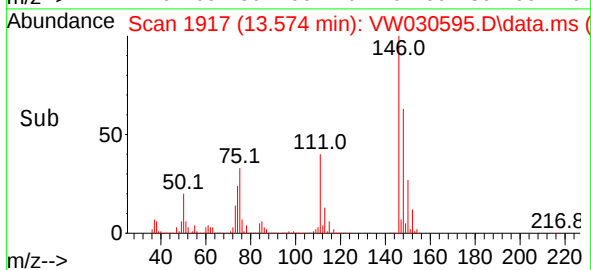
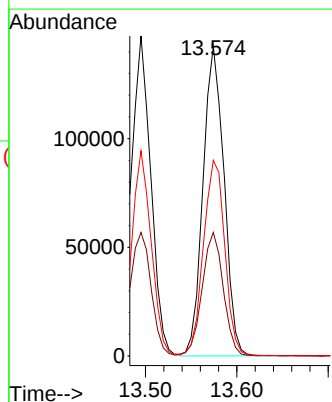
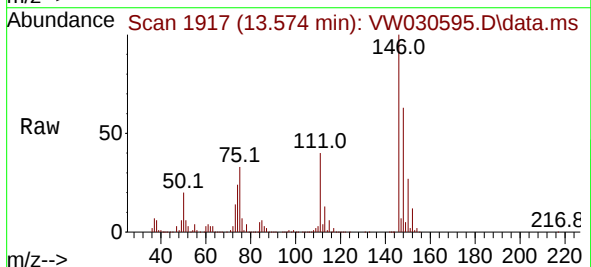
Instrument :
MSVOA_W
ClientSampleId :

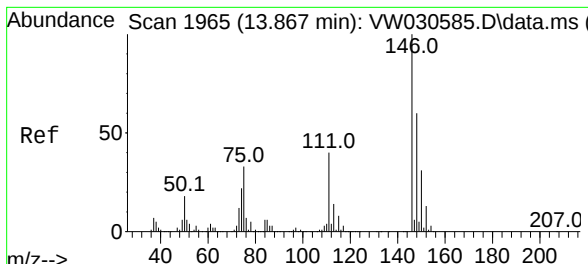
Tgt Ion:146 Resp: 225679
Ion Ratio Lower Upper
146 100
111 38.6 31.2 58.0
148 64.1 45.7 84.9



#65
1,4-Dichlorobenzene
Concen: 22.892 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW030595.D
Acq: 14 Oct 2024 17:55

Tgt Ion:146 Resp: 227111
Ion Ratio Lower Upper
146 100
111 39.9 26.8 49.8
148 63.1 41.0 76.2



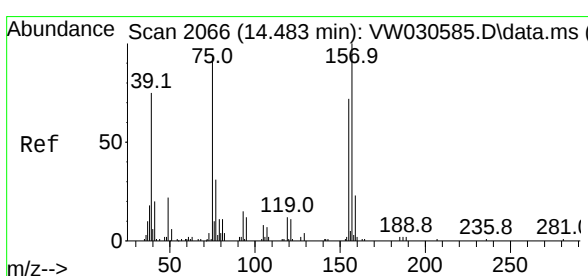
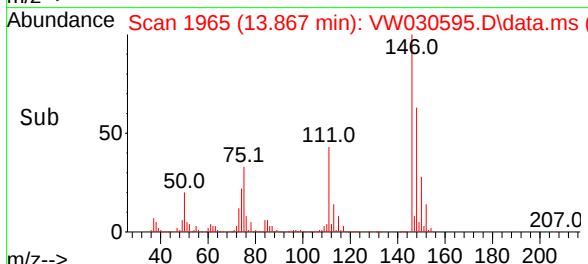
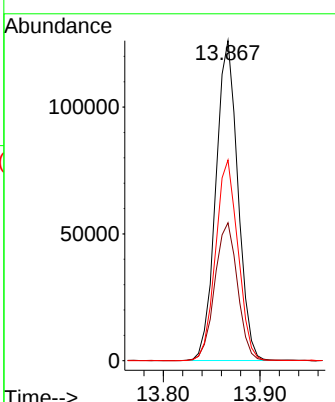
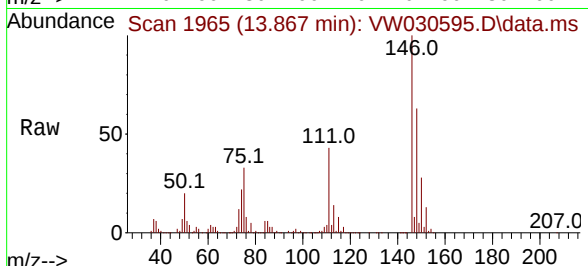


#67
 1,2-Dichlorobenzene
 Concen: 23.542 ug/L
 RT: 13.867 min Scan# 1965
 Delta R.T. 0.000 min
 Lab File: VW030595.D
 Acq: 14 Oct 2024 17:55

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:146 Resp: 199040

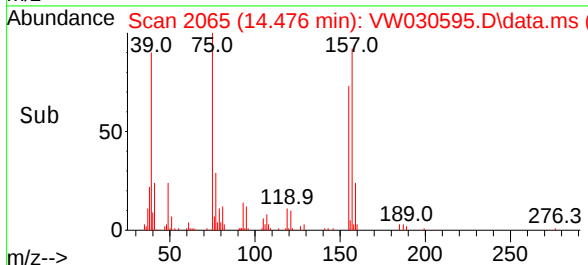
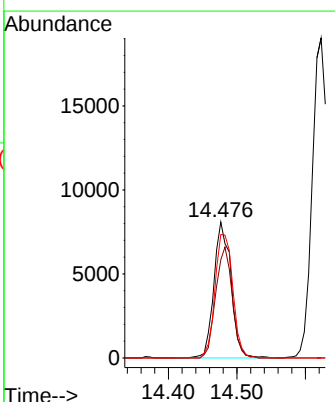
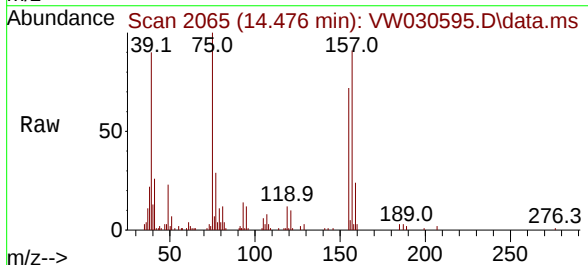
Ion	Ratio	Lower	Upper
146	100		
111	43.1	34.6	52.0
148	62.7	53.3	79.9

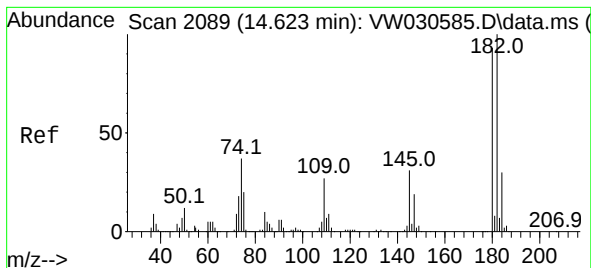


#68
 1,2-Dibromo-3-chloropropane
 Concen: 22.558 ug/L
 RT: 14.476 min Scan# 2065
 Delta R.T. -0.006 min
 Lab File: VW030595.D
 Acq: 14 Oct 2024 17:55

Tgt Ion: 75 Resp: 13951

Ion	Ratio	Lower	Upper
75	100		
155	72.1	57.9	86.9
157	90.7	69.0	103.6





#69

1,3,5-Trichlorobenzene

Concen: 24.860 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

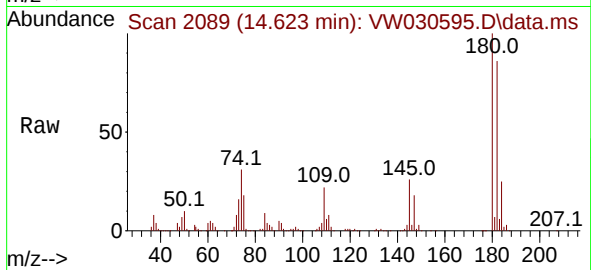
Lab File: VW030595.D

Acq: 14 Oct 2024 17:55

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 157511

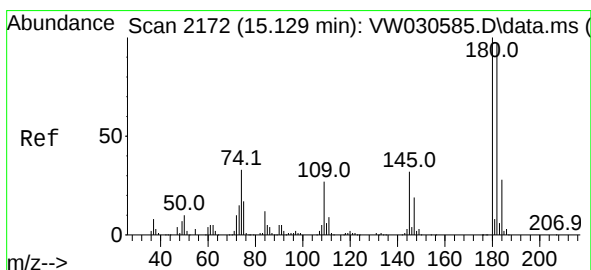
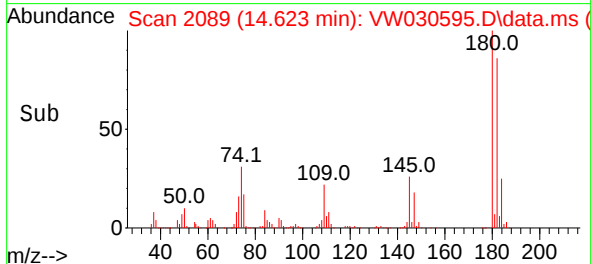
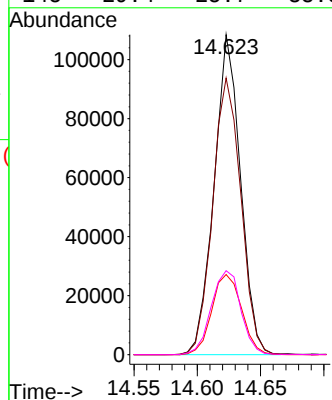
Ion Ratio Lower Upper

180 100

182 92.2 79.9 119.9

184 28.2 25.2 37.8

145 29.4 25.7 38.5



#70

1,2,4-trichlorobenzene

Concen: 23.453 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW030595.D

Acq: 14 Oct 2024 17:55

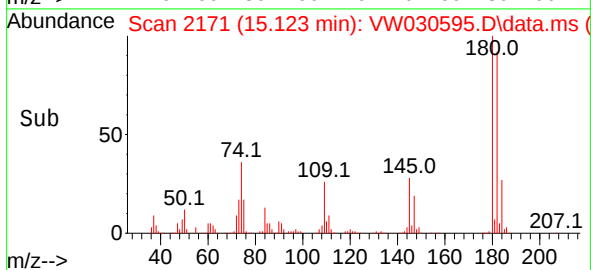
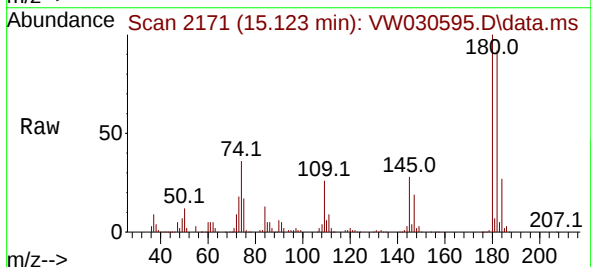
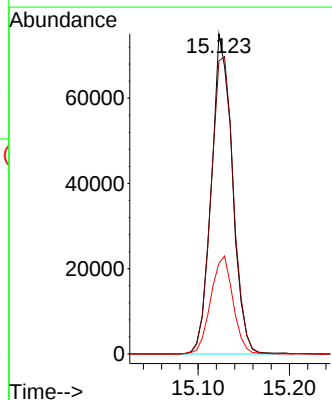
Tgt Ion:180 Resp: 119623

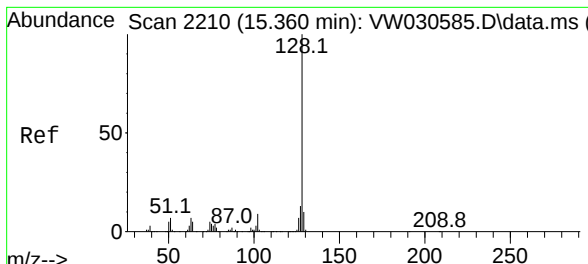
Ion Ratio Lower Upper

180 100

182 99.4 75.2 112.8

145 32.5 25.4 38.2



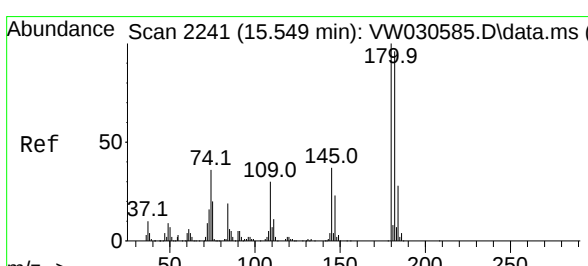
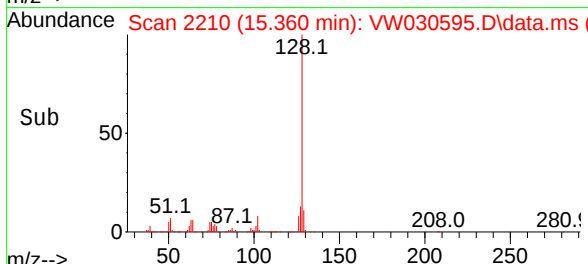
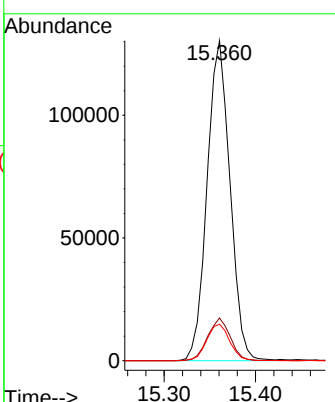
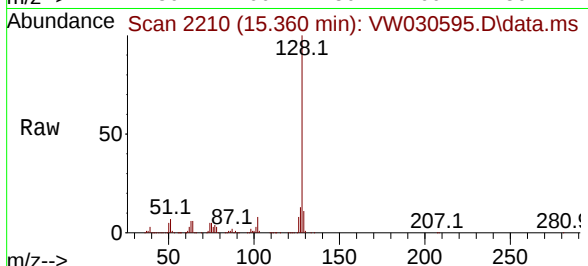


#71
Naphthalene
Concen: 25.804 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW030595.D
Acq: 14 Oct 2024 17:55

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 227394

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.9	16.3
129	11.5	8.8	13.2



#72
1,2,3-Trichlorobenzene
Concen: 23.197 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW030595.D
Acq: 14 Oct 2024 17:55

Tgt Ion:180 Resp: 102573

Ion	Ratio	Lower	Upper
180	100		
182	96.7	76.2	114.4
145	34.6	27.4	41.2

