

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100324\
 Data File : VW030384.D
 Acq On : 03 Oct 2024 20:21
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 04 01:11:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092724SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Oct 04 01:05:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	176466	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	169674	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	81824	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	38527	27.939	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.760%
7) Chloroethane-d5	2.899	69	31045	30.942	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	123.760%
11) 1,1-Dichloroethene-d2	4.021	65	23653	23.499	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.000%
21) 2-Butanone-d5	7.075	46	28524	51.437	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.880%
24) Chloroform-d	7.648	84	117890	24.867	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.480%
26) 1,2-Dichloroethane-d4	8.307	65	63393	25.619	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.480%
32) Benzene-d6	8.276	84	225052	23.665	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.680%
36) 1,2-Dichloropropane-d6	9.276	67	69902	24.439	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.760%
41) Toluene-d8	10.325	98	205959	23.619	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.480%
43) trans-1,3-Dichloroprop...	10.575	79	27642	23.235	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.920%
47) 2-Hexanone-d5	10.922	63	23976	50.764	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.520%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	54131	25.327	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.320%
66) 1,2-Dichlorobenzene-d4	13.848	152	66944	24.642	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.560%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.015	85	40526	21.010	ug/L 95
3) Chloromethane	2.223	50	40411	26.744	ug/L 99
5) Vinyl chloride	2.375	62	45798	28.511	ug/L 98
6) Bromomethane	2.796	94	28751	26.892	ug/L 92
8) Chloroethane	2.936	64	26388	30.110	ug/L 91
9) Trichlorofluoromethane	3.271	101	50552	24.430	ug/L 96
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	46684	22.645	ug/L # 69
12) 1,1-Dichloroethene	4.051	96	43559	21.247	ug/L 93
13) Acetone	4.125	43	26598	45.216	ug/L 96
14) Carbon disulfide	4.393	76	147075	21.572	ug/L 97
15) Methyl Acetate	4.673	43	22303	23.245	ug/L 95
16) Methylene chloride	4.923	84	52321	19.264	ug/L 91
17) trans-1,2-Dichloroethene	5.429	96	51723	21.733	ug/L 97
18) Methyl tert-butyl Ether	5.429	73	84155	22.232	ug/L 98
19) 1,1-Dichloroethane	6.222	63	103695	22.879	ug/L 96
20) cis-1,2-Dichloroethene	7.167	96	56973	21.667	ug/L 95
22) 2-Butanone	7.167	43	32998	43.880	ug/L 98
23) Bromochloromethane	7.514	128	25395	22.122	ug/L 93
25) Chloroform	7.679	83	106349	22.625	ug/L 98

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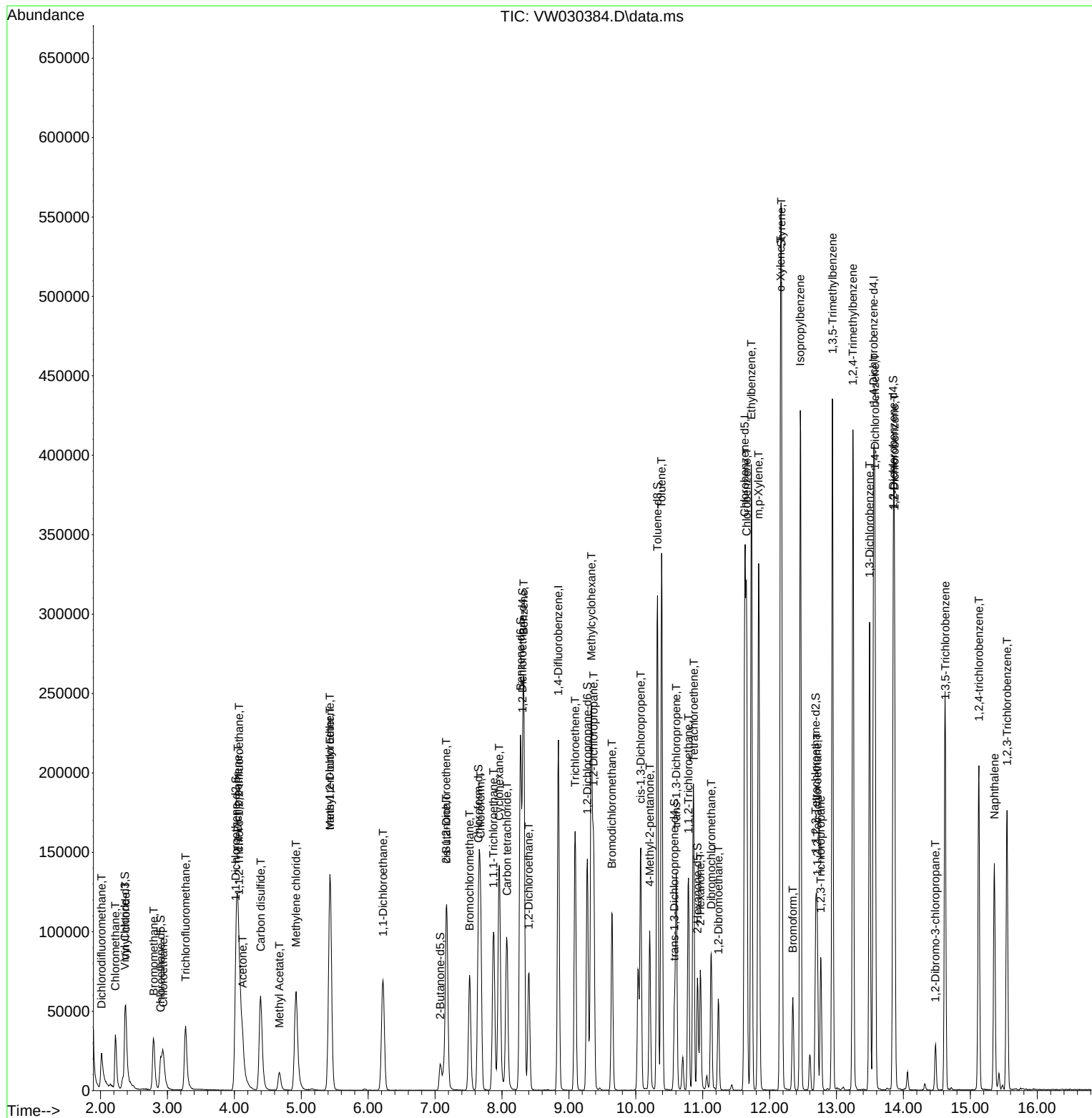
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	69644	22.341	ug/L	99
29) Cyclohexane	7.959	56	83205	22.246	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	85848	21.842	ug/L	98
31) Carbon tetrachloride	8.075	117	76316	21.725	ug/L	100
33) Benzene	8.325	78	230419	22.296	ug/L	100
34) Trichloroethene	9.093	95	59240	21.550	ug/L	92
35) Methylcyclohexane	9.337	83	93958	22.272	ug/L	96
37) 1,2-Dichloropropane	9.368	63	60690	22.257	ug/L	100
38) Bromodichloromethane	9.642	83	75037	21.919	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	91140	21.799	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	64892	46.269	ug/L	99
42) Toluene	10.386	91	244649	22.113	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	76211	21.998	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	41369	21.529	ug/L	93
46) Tetrachloroethene	10.867	164	42529	20.684	ug/L	97
48) 2-Hexanone	10.965	43	47616	46.107	ug/L	98
49) Dibromochloromethane	11.129	129	45696	21.132	ug/L	99
50) 1,2-Dibromoethane	11.233	107	38368	21.102	ug/L	96
51) Chlorobenzene	11.654	112	152370	21.312	ug/L	95
52) Ethylbenzene	11.727	91	276963	22.097	ug/L	98
53) m,p-Xylene	11.837	106	104291	22.290	ug/L	95
54) o-Xylene	12.166	106	98755	22.176	ug/L	95
55) Styrene	12.178	104	168885	22.230	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.715	83	50079	22.253	ug/L	98
59) Bromoform	12.349	173	27047	22.817	ug/L	98
60) Isopropylbenzene	12.458	105	269420	23.198	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	36218	23.284	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	221724	23.603	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	219755	23.677	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	117461	22.631	ug/L	91
65) 1,4-Dichlorobenzene	13.574	146	121217	22.862	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	105113	22.717	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.476	75	7717	21.652	ug/L	95
69) 1,3,5-Trichlorobenzene	14.629	180	74762	20.870	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	64649	21.797	ug/L	93
71) Naphthalene	15.360	128	119083	21.951	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	54868	21.135	ug/L	98

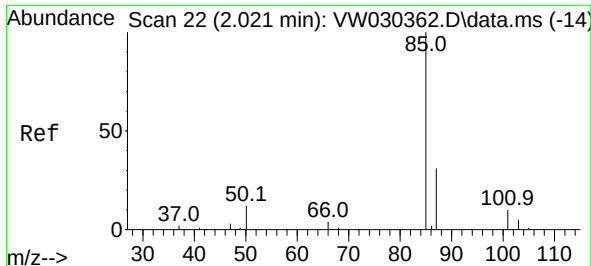
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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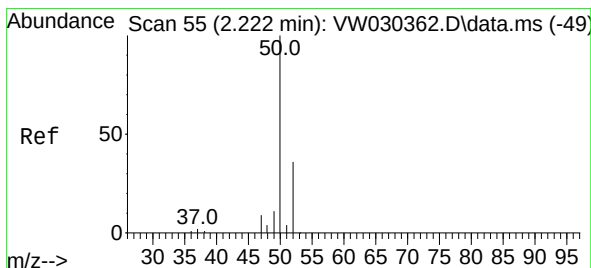
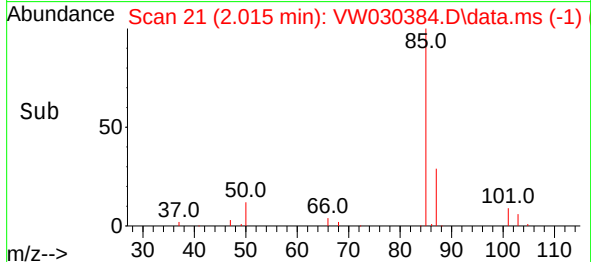
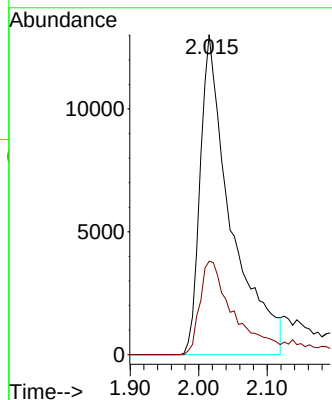
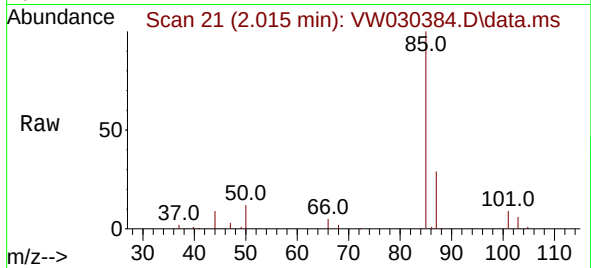




#2
 Dichlorodifluoromethane
 Concen: 21.010 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW030384.D
 Acq: 03 Oct 2024 20:21

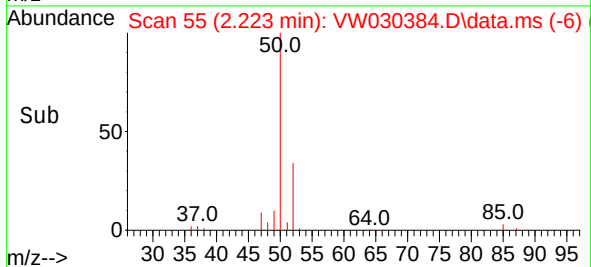
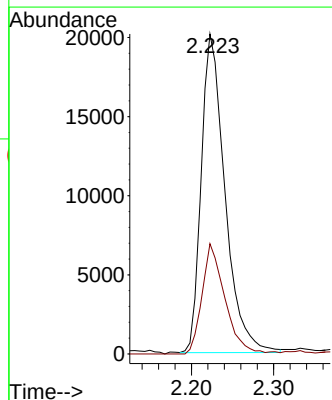
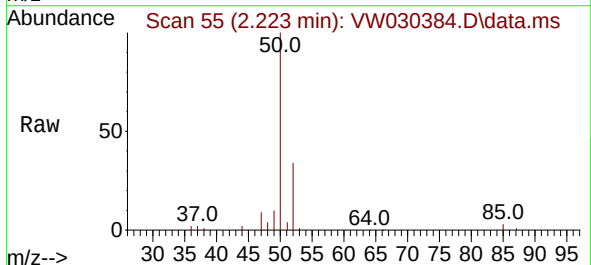
Instrument :
 MSVOA_W
 ClientSampleId :

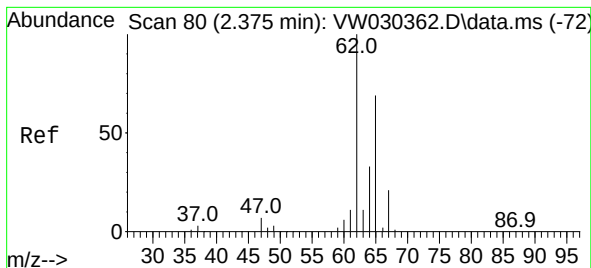
Tgt Ion: 85 Resp: 40526
 Ion Ratio Lower Upper
 85 100
 87 32.5 24.0 36.0



#3
 Chloromethane
 Concen: 26.744 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW030384.D
 Acq: 03 Oct 2024 20:21

Tgt Ion: 50 Resp: 40411
 Ion Ratio Lower Upper
 50 100
 52 34.4 23.5 43.7





#5

Vinyl chloride

Concen: 28.511 ug/L

RT: 2.375 min Scan# 80

Delta R.T. 0.000 min

Lab File: VW030384.D

Acq: 03 Oct 2024 20:21

Instrument :

MSVOA_W

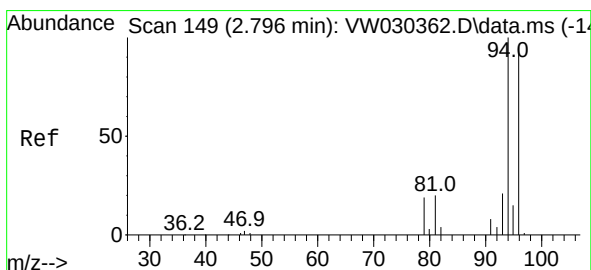
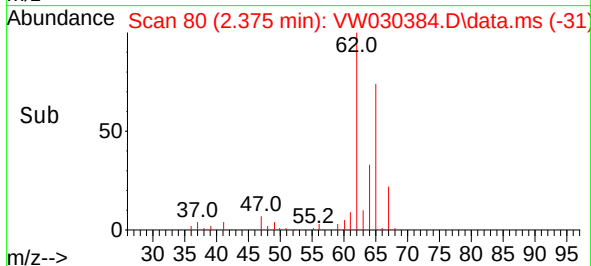
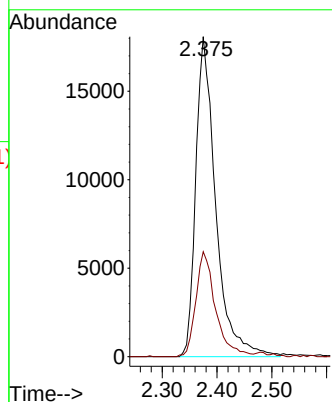
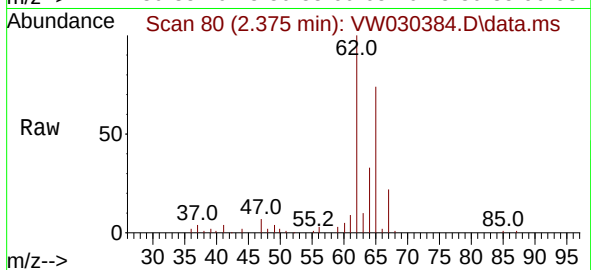
ClientSampleId :

Tgt Ion: 62 Resp: 45798

Ion Ratio Lower Upper

62 100

64 32.8 22.1 41.1



#6

Bromomethane

Concen: 26.892 ug/L

RT: 2.796 min Scan# 149

Delta R.T. 0.000 min

Lab File: VW030384.D

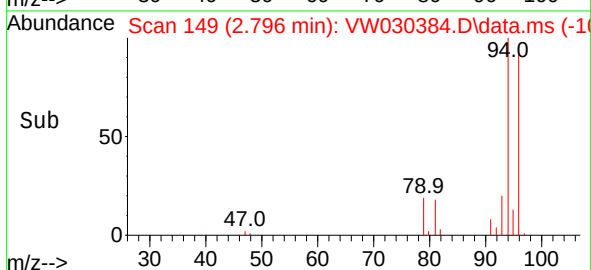
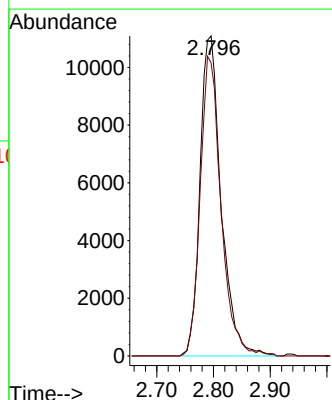
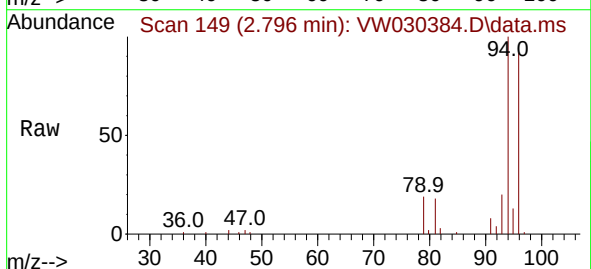
Acq: 03 Oct 2024 20:21

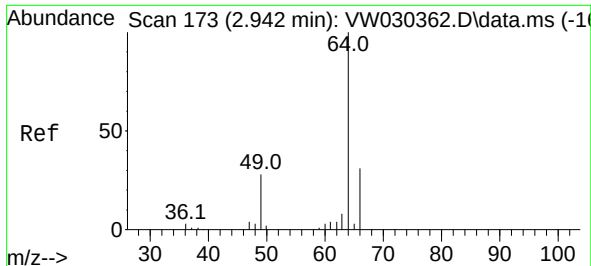
Tgt Ion: 94 Resp: 28751

Ion Ratio Lower Upper

94 100

96 91.6 69.7 129.4

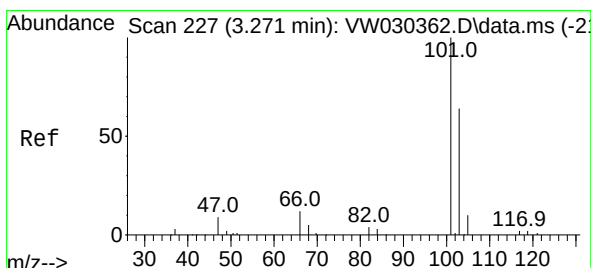
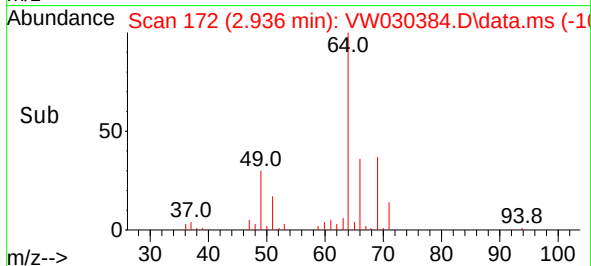
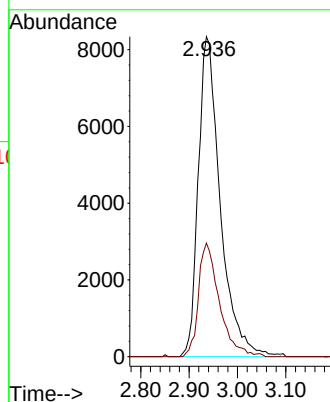
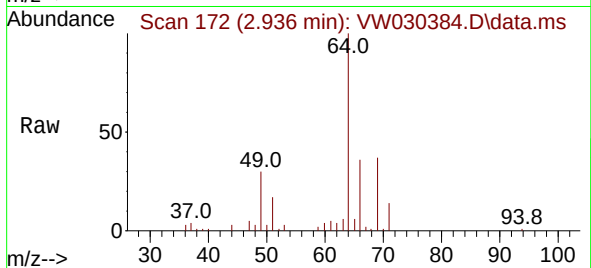




#8
Chloroethane
Concen: 30.110 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW030384.D
Acq: 03 Oct 2024 20:21

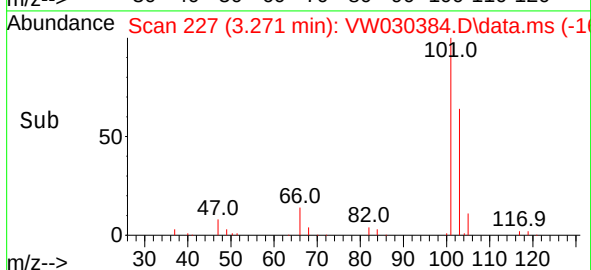
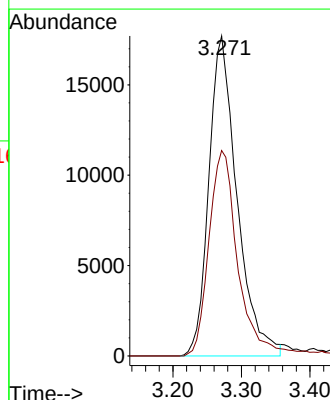
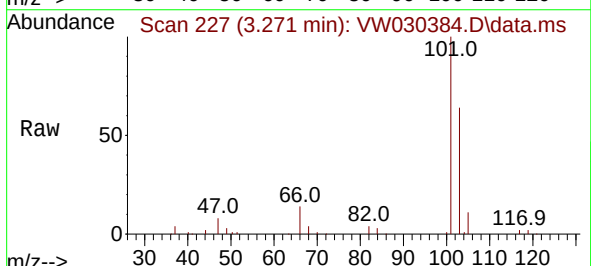
Instrument :
MSVOA_W
ClientSampleId :

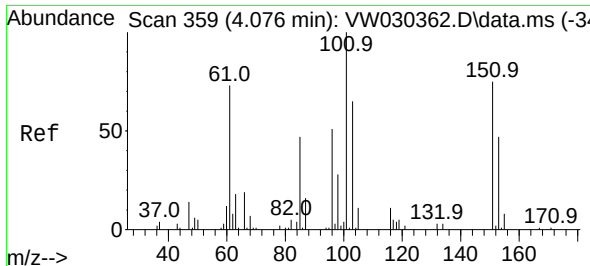
Tgt Ion: 64 Resp: 26388
Ion Ratio Lower Upper
64 100
66 35.5 21.4 39.8



#9
Trichlorofluoromethane
Concen: 24.430 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.000 min
Lab File: VW030384.D
Acq: 03 Oct 2024 20:21

Tgt Ion:101 Resp: 50552
Ion Ratio Lower Upper
101 100
103 65.6 50.2 75.4





#10

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

Concen: 22.645 ug/L

RT: 4.070 min Scan# 359

Delta R.T. -0.006 min

Lab File: VW030384.D

Acq: 03 Oct 2024 20:21

Instrument :

MSVOA_W

ClientSampleId :

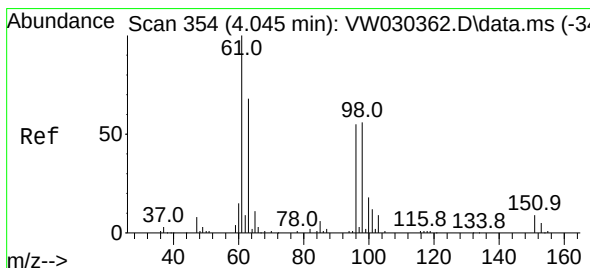
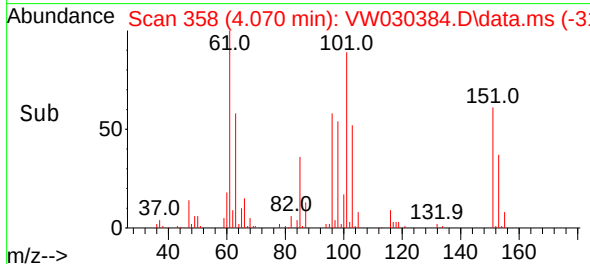
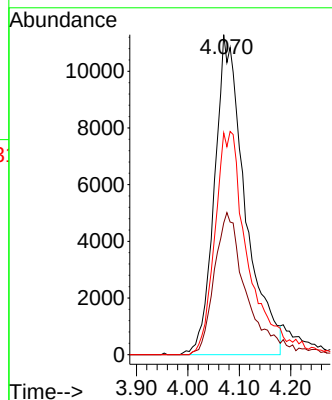
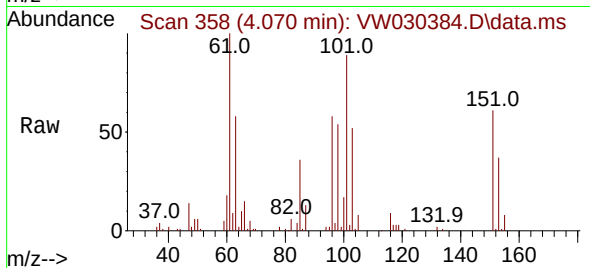
Tgt Ion:101 Resp: 46684

Ion Ratio Lower Upper

101 100

85 41.7 30.5 45.7

151 30.2 52.9 79.3#



#12

1,1-Dichloroethene

Concen: 21.247 ug/L

RT: 4.051 min Scan# 355

Delta R.T. 0.006 min

Lab File: VW030384.D

Acq: 03 Oct 2024 20:21

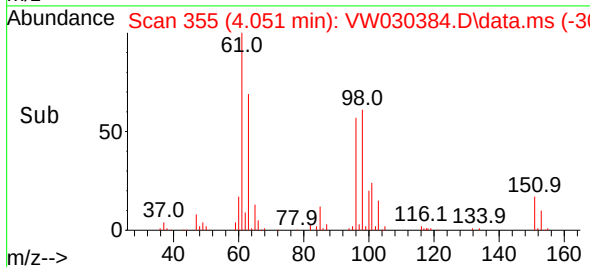
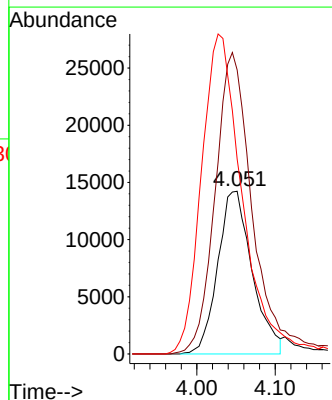
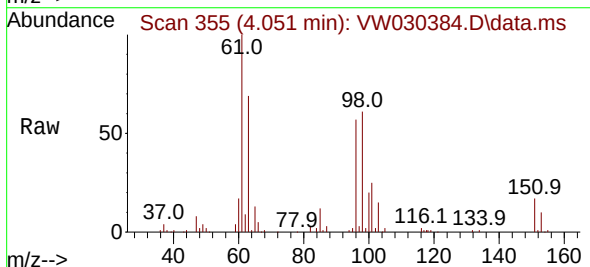
Tgt Ion: 96 Resp: 43559

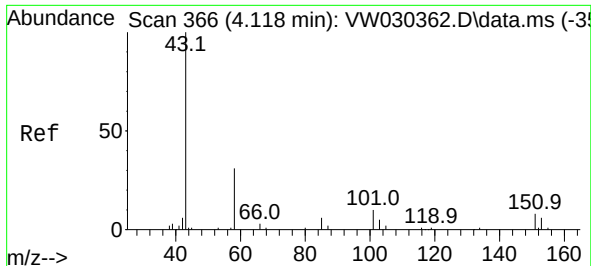
Ion Ratio Lower Upper

96 100

61 174.6 120.1 223.1

63 119.8 94.8 176.2

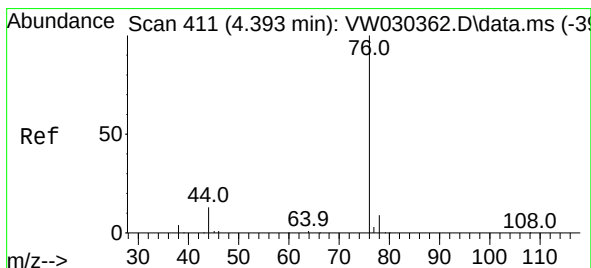
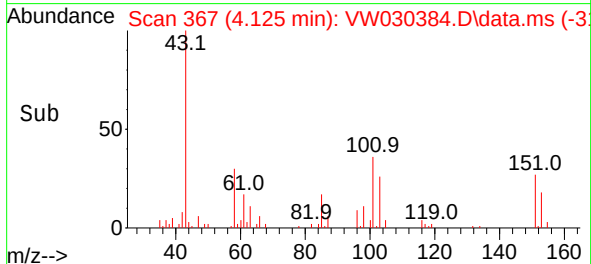
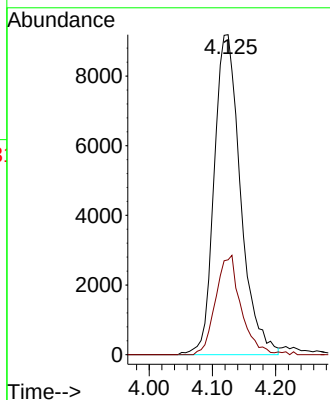
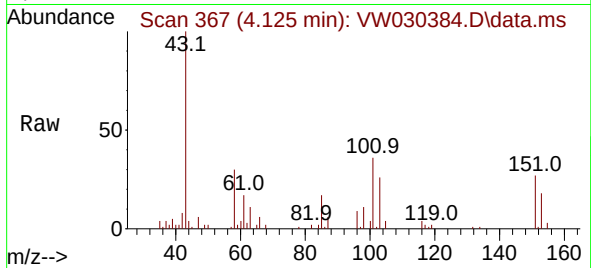




#13
Acetone
Concen: 45.216 ug/L
RT: 4.125 min Scan# 367
Delta R.T. 0.006 min
Lab File: VW030384.D
Acq: 03 Oct 2024 20:21

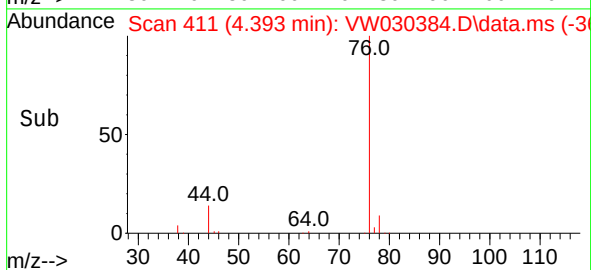
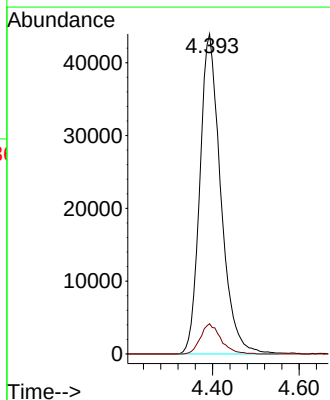
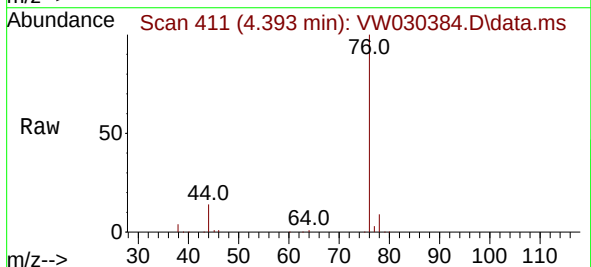
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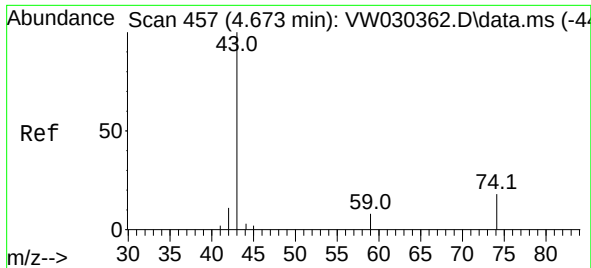
Tgt Ion: 43 Resp: 26598
Ion Ratio Lower Upper
43 100
58 29.6 0.0 64.0



#14
Carbon disulfide
Concen: 21.572 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 147075
Ion Ratio Lower Upper
76 100
78 9.5 6.8 10.2

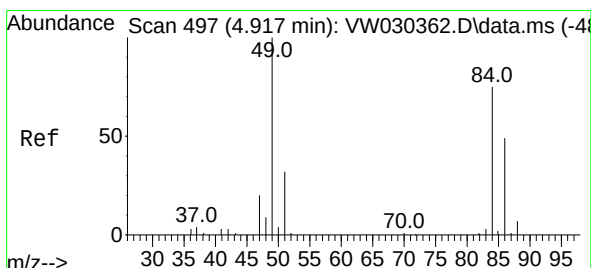
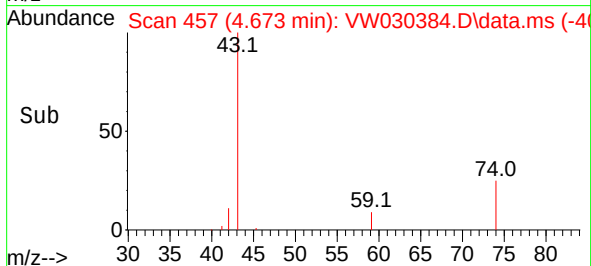
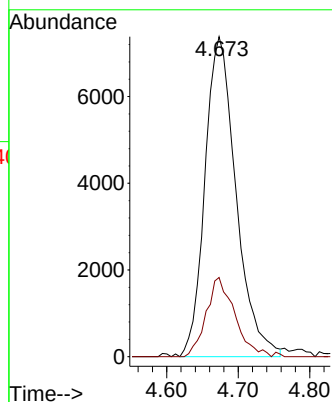
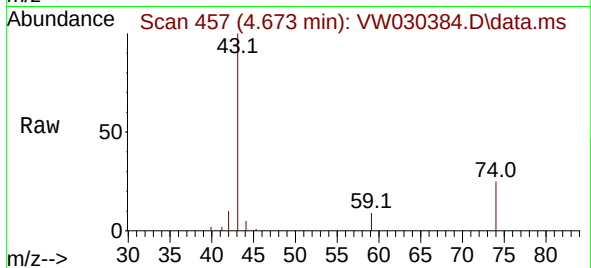




#15
Methyl Acetate
Concen: 23.245 ug/L
RT: 4.673 min Scan# 457
Delta R.T. 0.000 min
Lab File: VW030384.D
Acq: 03 Oct 2024 20:21

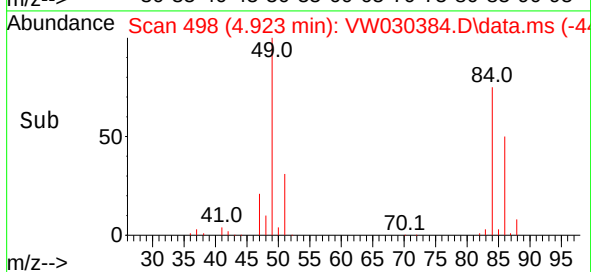
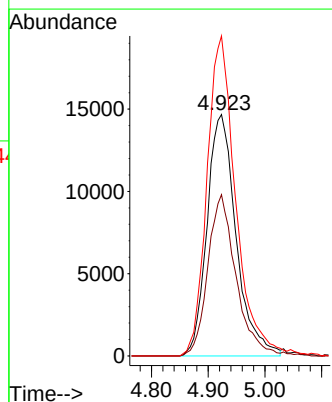
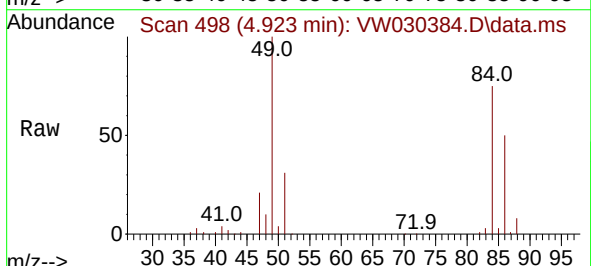
Instrument :
MSVOA_W
ClientSampleId :

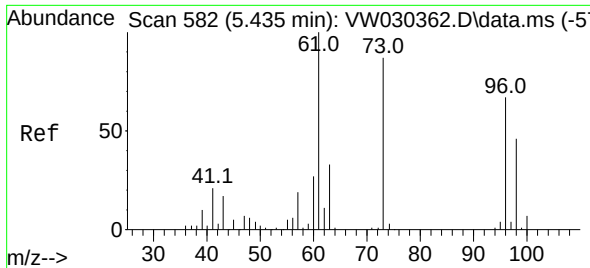
Tgt Ion: 43 Resp: 22303
Ion Ratio Lower Upper
43 100
74 22.2 19.8 29.6



#16
Methylene chloride
Concen: 19.264 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW030384.D
Acq: 03 Oct 2024 20:21

Tgt Ion: 84 Resp: 52321
Ion Ratio Lower Upper
84 100
86 66.8 44.8 83.2
49 132.5 83.6 155.2

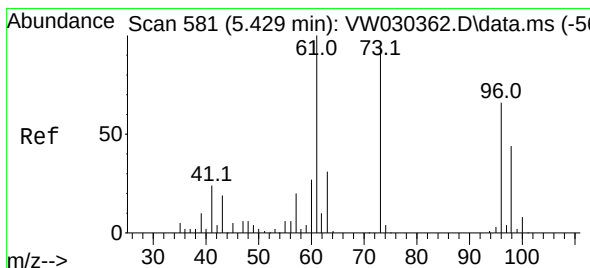
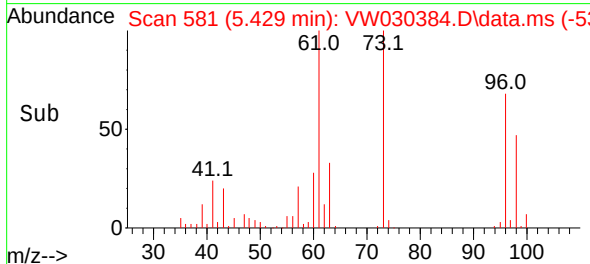
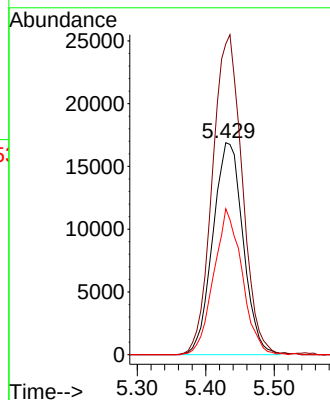
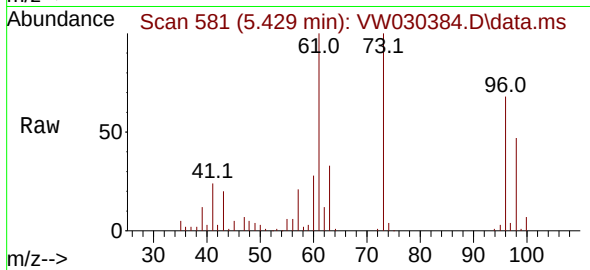




#17
trans-1,2-Dichloroethene
Concen: 21.733 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.006 min
Lab File: VW030384.D
Acq: 03 Oct 2024 20:21

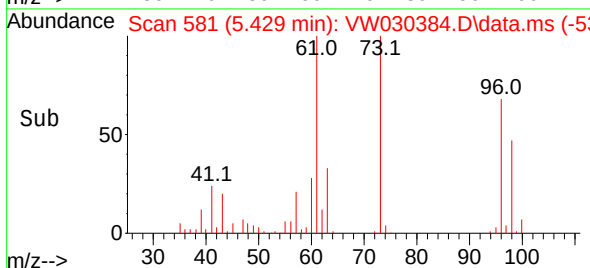
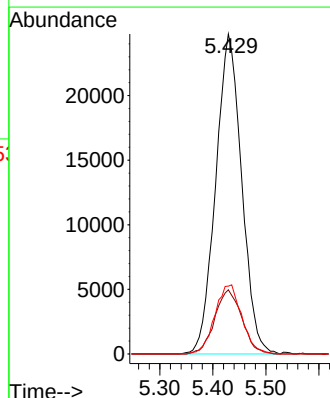
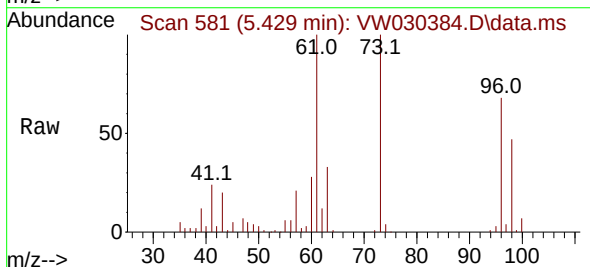
Instrument :
MSVOA_W
ClientSampleId :

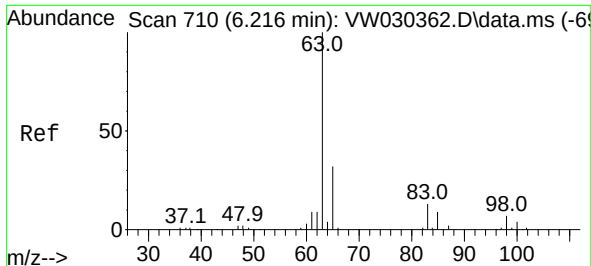
Tgt Ion: 96 Resp: 51723
Ion Ratio Lower Upper
96 100
61 146.6 100.3 186.3
98 68.8 46.3 86.1



#18
Methyl tert-butyl Ether
Concen: 22.232 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW030384.D
Acq: 03 Oct 2024 20:21

Tgt Ion: 73 Resp: 84155
Ion Ratio Lower Upper
73 100
43 20.9 15.9 23.9
57 22.4 17.6 26.4





#19

1,1-Dichloroethane

Concen: 22.879 ug/L

RT: 6.222 min Scan# 710

Delta R.T. 0.006 min

Lab File: VW030384.D

Acq: 03 Oct 2024 20:21

Instrument :

MSVOA_W

ClientSampleId :

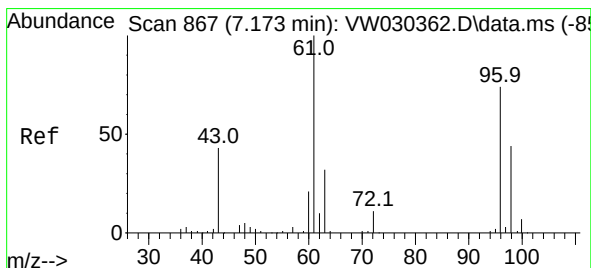
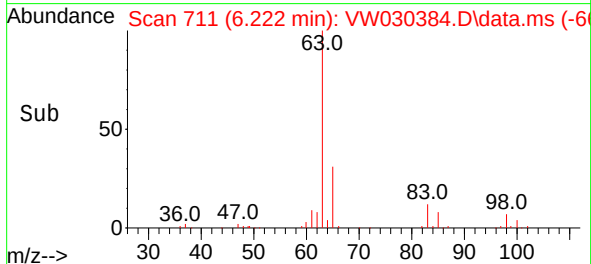
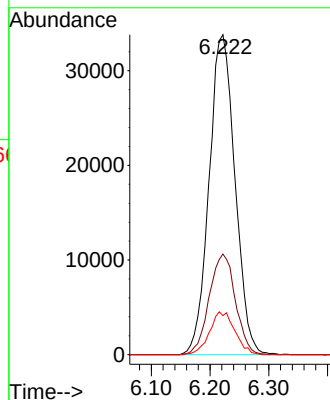
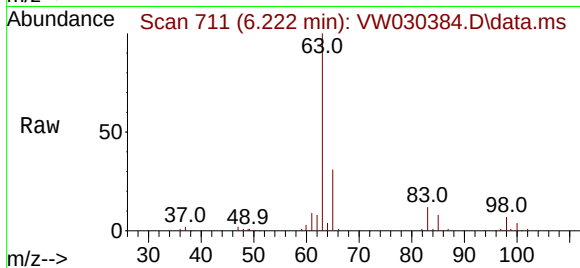
Tgt Ion: 63 Resp: 103695

Ion Ratio Lower Upper

63 100

65 31.4 20.7 38.5

83 12.2 9.9 18.3



#20

cis-1,2-Dichloroethene

Concen: 21.667 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW030384.D

Acq: 03 Oct 2024 20:21

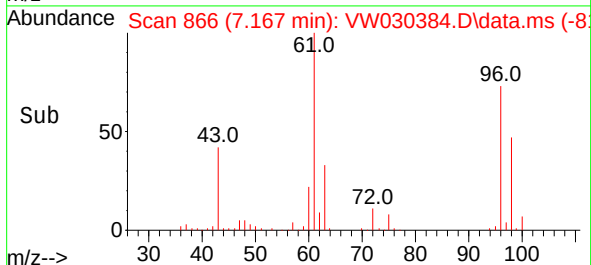
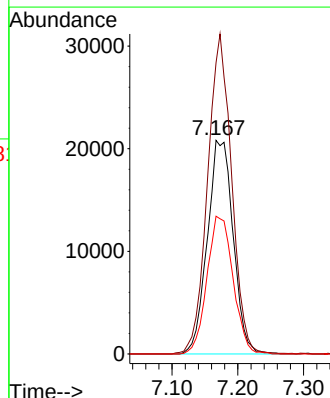
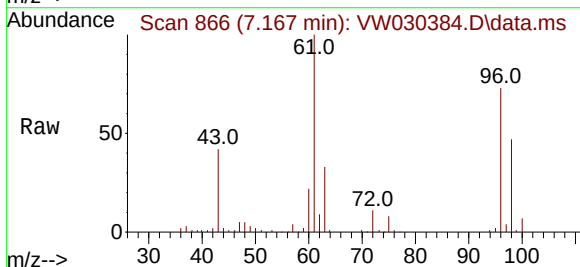
Tgt Ion: 96 Resp: 56973

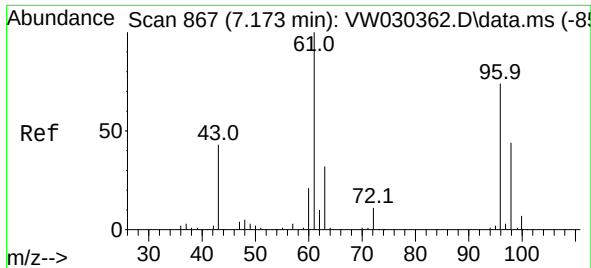
Ion Ratio Lower Upper

96 100

61 136.4 92.0 170.9

98 64.5 41.9 77.9

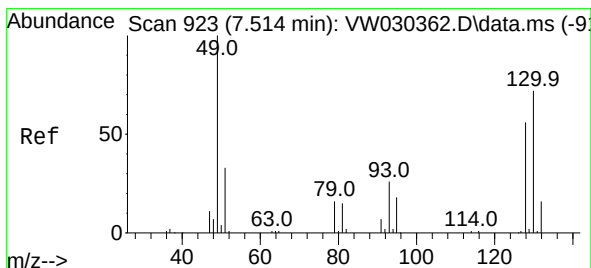
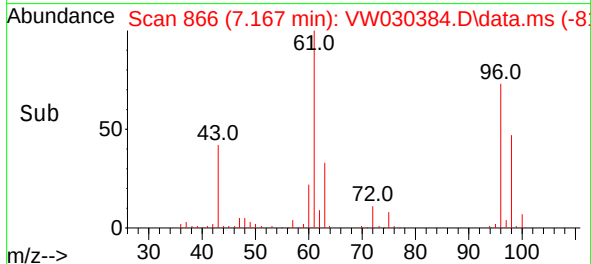
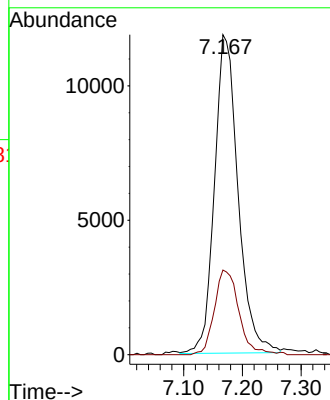
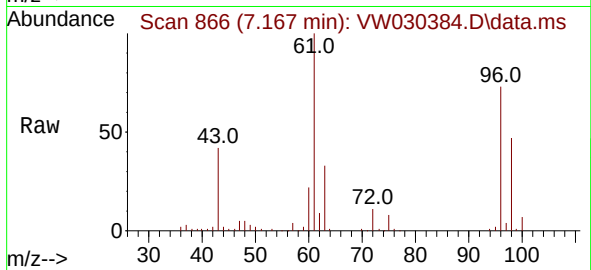




#22
2-Butanone
Concen: 43.880 ug/L
RT: 7.167 min Scan# 867
Delta R.T. -0.006 min
Lab File: VW030384.D
Acq: 03 Oct 2024 20:21

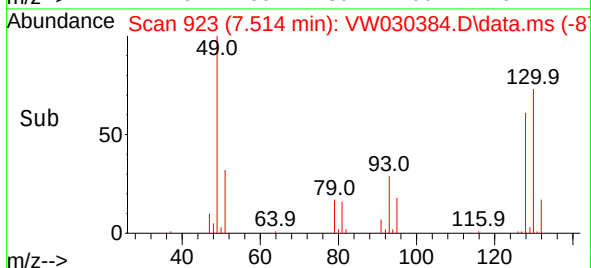
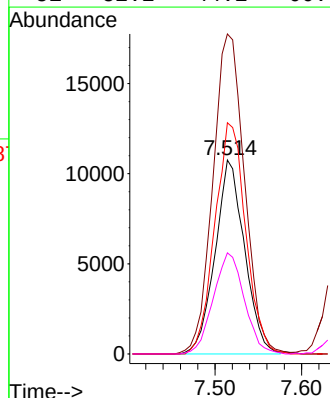
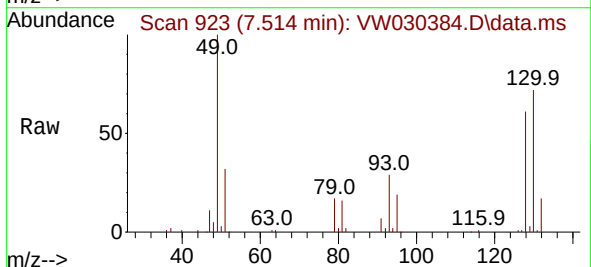
Instrument :
MSVOA_W
ClientSampleId :

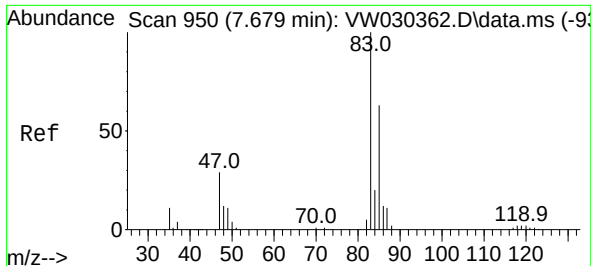
Tgt Ion: 43 Resp: 32998
Ion Ratio Lower Upper
43 100
72 26.9 14.1 42.3



#23
Bromochloromethane
Concen: 22.122 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW030384.D
Acq: 03 Oct 2024 20:21

Tgt Ion: 128 Resp: 25395
Ion Ratio Lower Upper
128 100
49 165.0 123.1 228.5
130 119.2 89.2 165.6
51 52.2 44.2 66.4





#25

Chloroform

Concen: 22.625 ug/L

RT: 7.679 min Scan# 950

Delta R.T. 0.000 min

Lab File: VW030384.D

Acq: 03 Oct 2024 20:21

Instrument :

MSVOA_W

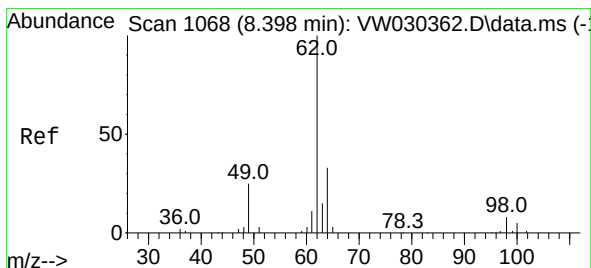
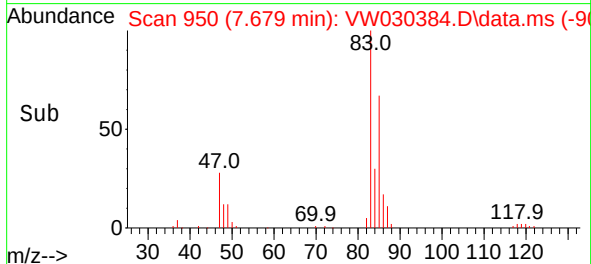
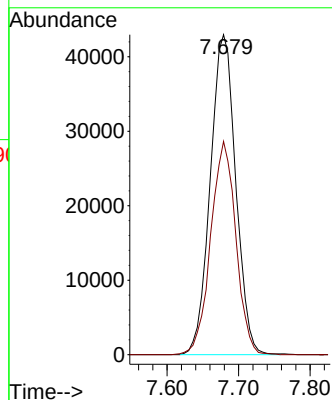
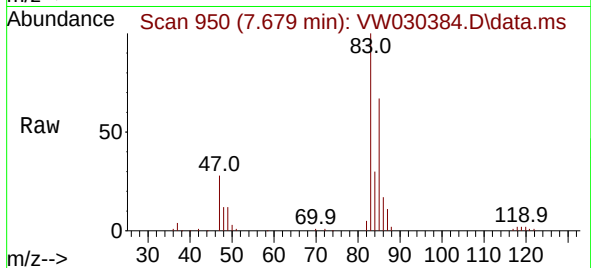
ClientSampleId :

Tgt Ion: 83 Resp: 106349

Ion Ratio Lower Upper

83 100

85 66.6 45.8 85.0



#27

1,2-Dichloroethane

Concen: 22.341 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW030384.D

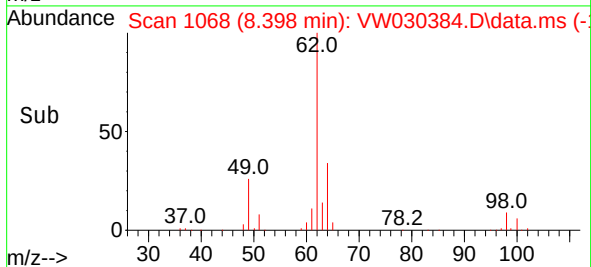
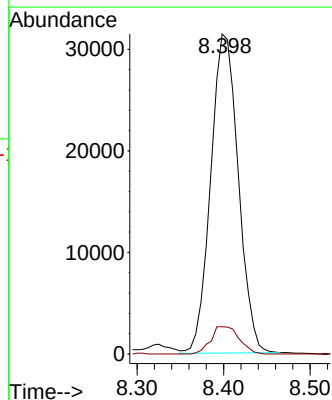
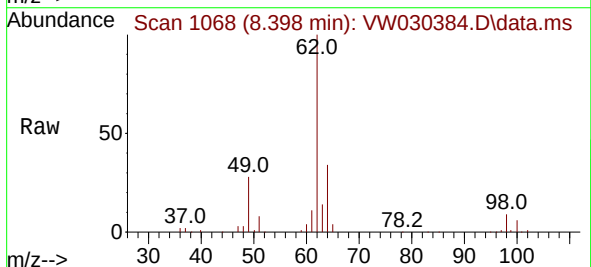
Acq: 03 Oct 2024 20:21

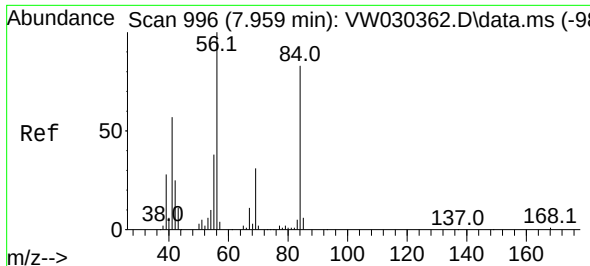
Tgt Ion: 62 Resp: 69644

Ion Ratio Lower Upper

62 100

98 8.5 7.0 10.6





#29

Cyclohexane

Concen: 22.246 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW030384.D

Acq: 03 Oct 2024 20:21

Instrument :

MSVOA_W

ClientSampleId :

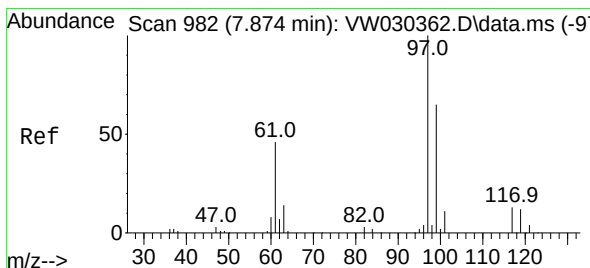
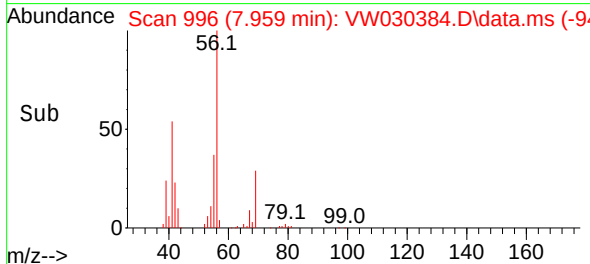
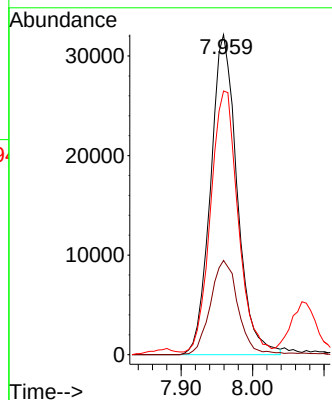
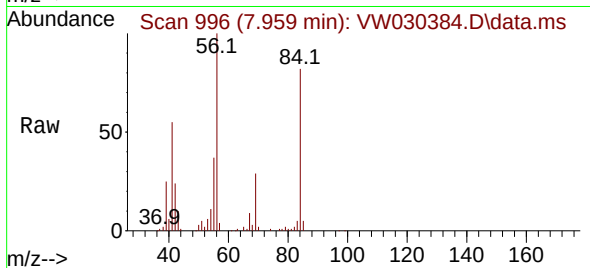
Tgt Ion: 56 Resp: 83205

Ion Ratio Lower Upper

56 100

69 29.9 24.5 36.7

84 85.3 67.5 101.3



#30

1,1,1-Trichloroethane

Concen: 21.842 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW030384.D

Acq: 03 Oct 2024 20:21

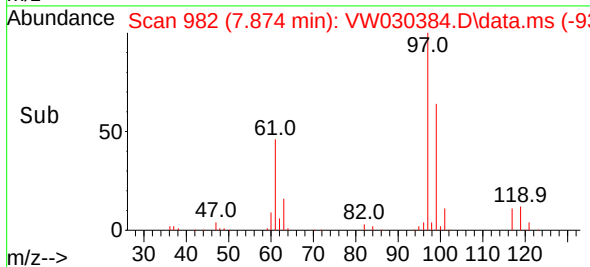
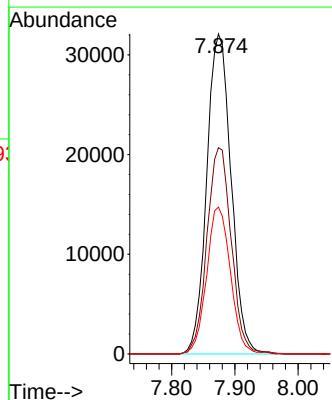
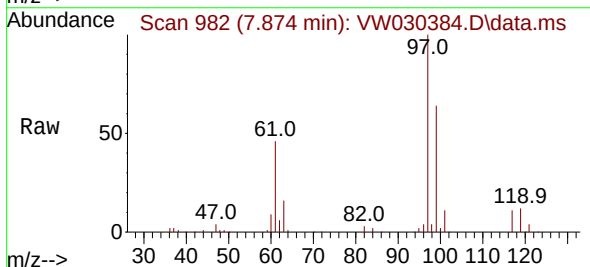
Tgt Ion: 97 Resp: 85848

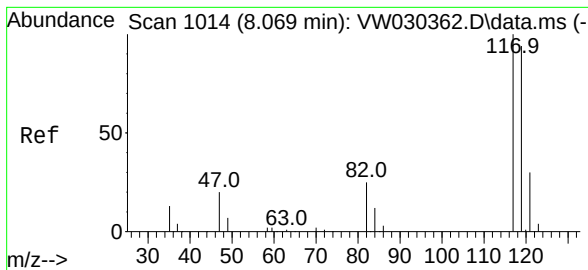
Ion Ratio Lower Upper

97 100

99 64.3 50.9 76.3

61 44.8 34.1 51.1

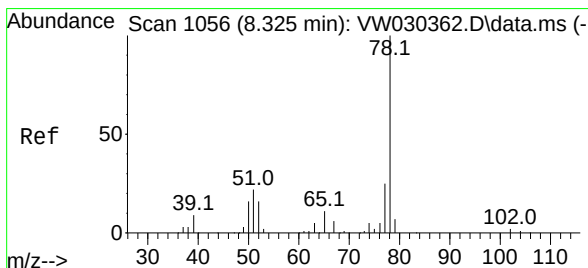
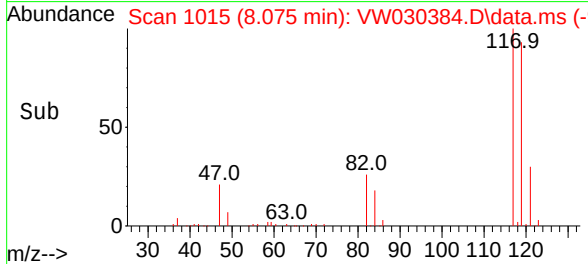
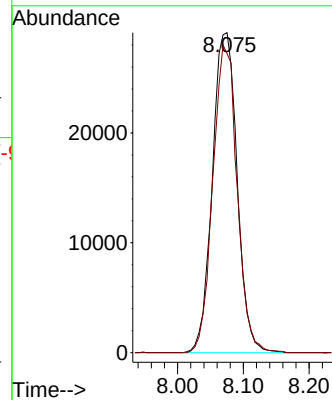
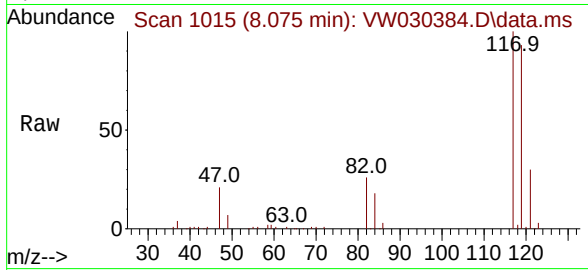




#31
Carbon tetrachloride
Concen: 21.725 ug/L
RT: 8.075 min Scan# 1015
Delta R.T. 0.006 min
Lab File: VW030384.D
Acq: 03 Oct 2024 20:21

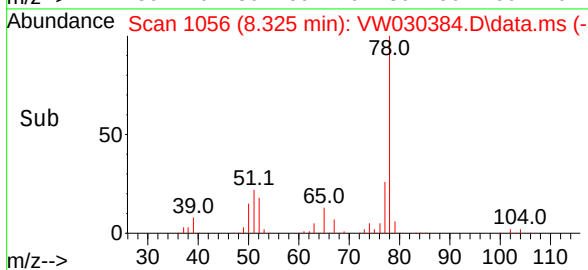
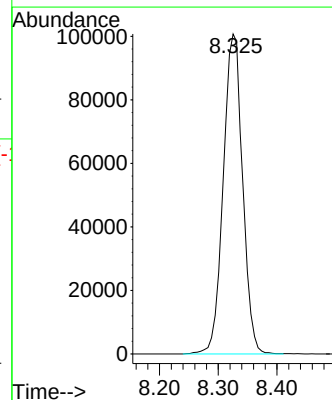
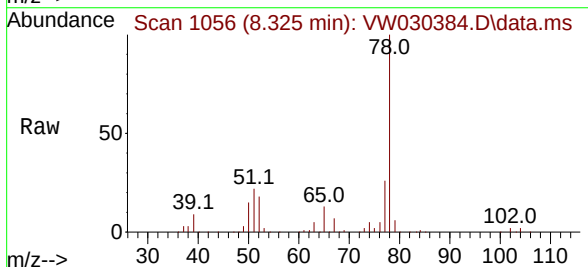
Instrument :
MSVOA_W
ClientSampleId :

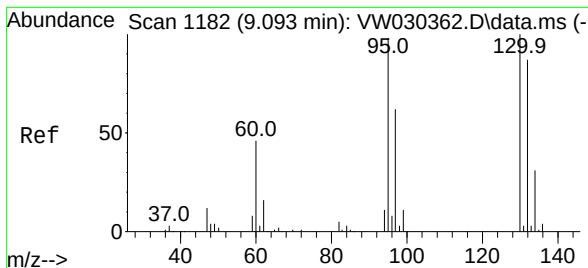
Tgt Ion:117 Resp: 76316
Ion Ratio Lower Upper
117 100
119 94.3 75.5 113.3



#33
Benzene
Concen: 22.296 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW030384.D
Acq: 03 Oct 2024 20:21

Tgt Ion: 78 Resp: 230419





#34

Trichloroethene

Concen: 21.550 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

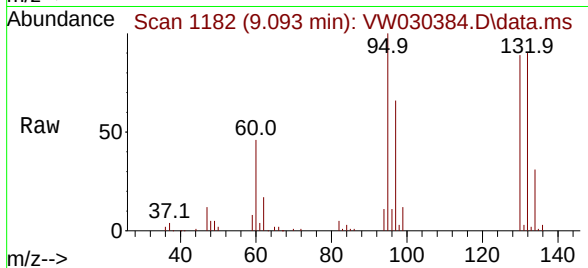
Lab File: VW030384.D

Acq: 03 Oct 2024 20:21

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 59240

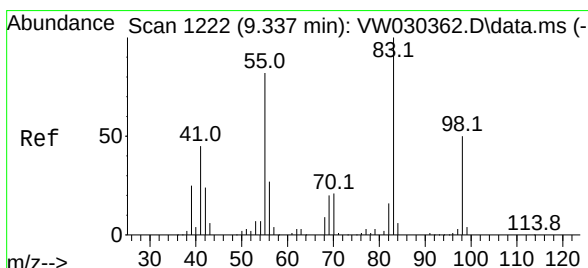
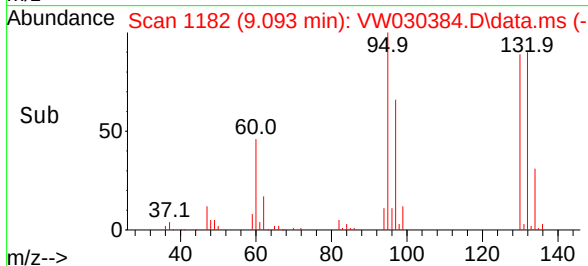
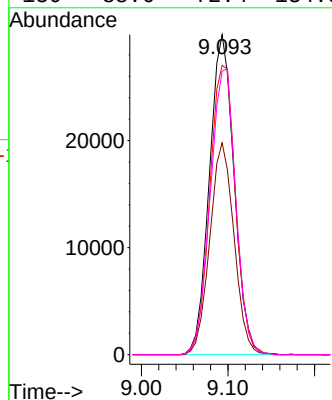
Ion Ratio Lower Upper

95 100

97 66.2 47.5 88.1

132 90.4 66.7 123.9

130 88.6 72.4 134.5



#35

Methylcyclohexane

Concen: 22.272 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW030384.D

Acq: 03 Oct 2024 20:21

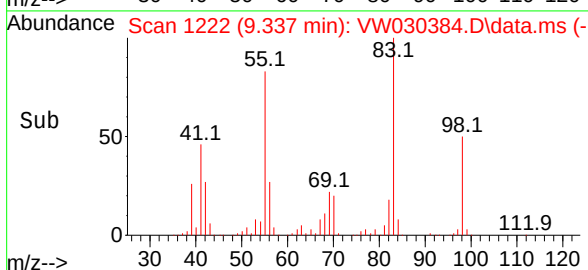
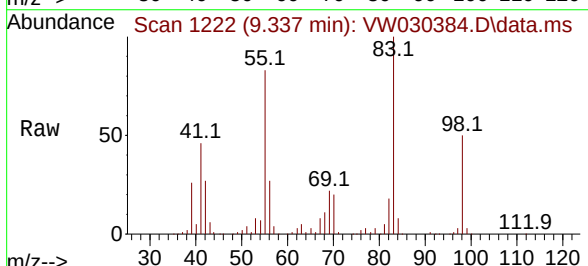
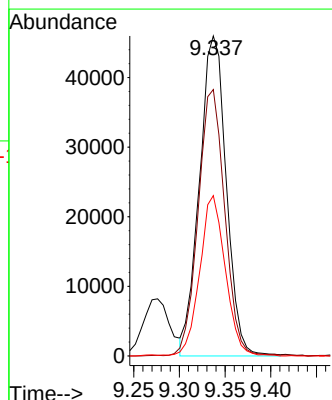
Tgt Ion: 83 Resp: 93958

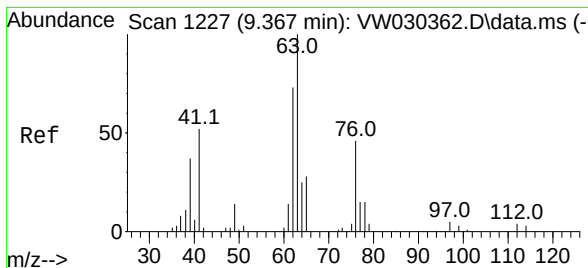
Ion Ratio Lower Upper

83 100

55 81.9 61.7 92.5

98 47.0 37.2 55.8





#37

1,2-Dichloropropane

Concen: 22.257 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW030384.D

Acq: 03 Oct 2024 20:21

Instrument :

MSVOA_W

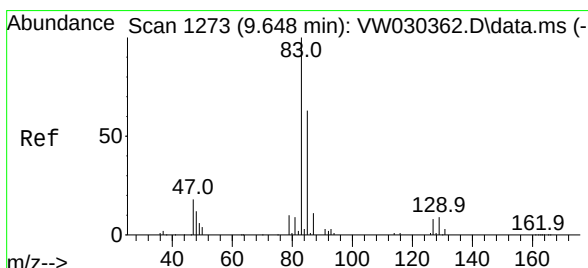
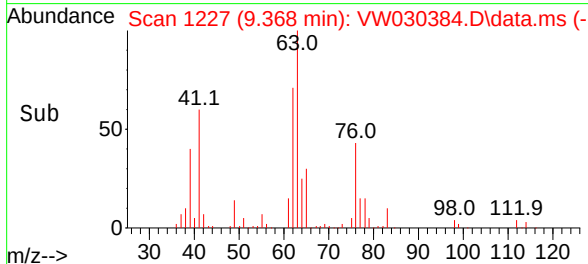
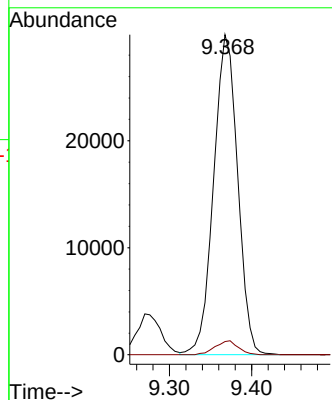
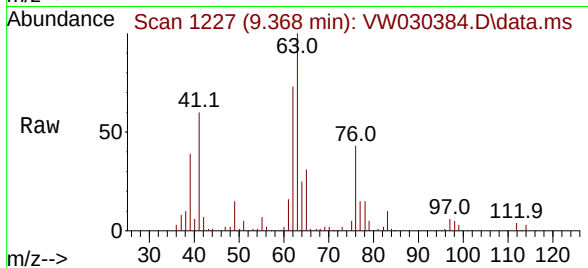
ClientSampleId :

Tgt Ion: 63 Resp: 60690

Ion Ratio Lower Upper

63 100

112 4.1 3.4 5.2



#38

Bromodichloromethane

Concen: 21.919 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.006 min

Lab File: VW030384.D

Acq: 03 Oct 2024 20:21

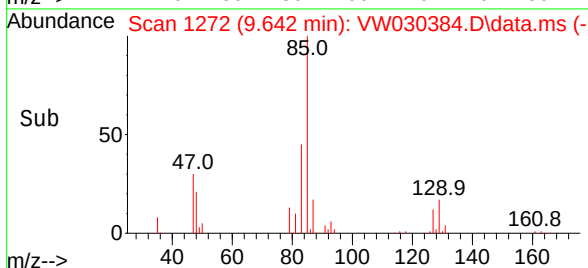
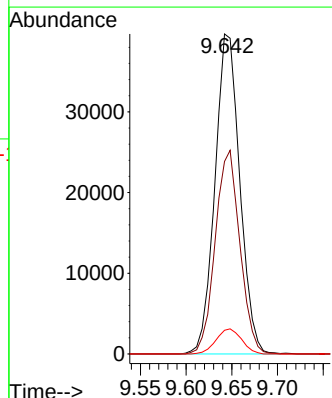
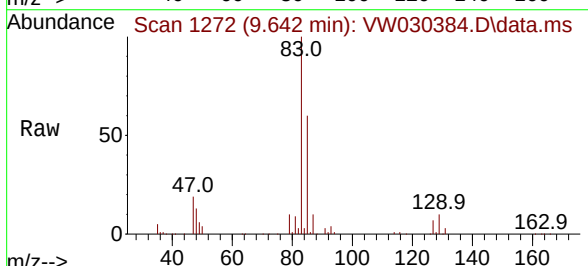
Tgt Ion: 83 Resp: 75037

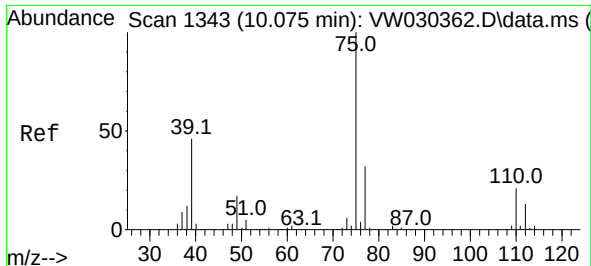
Ion Ratio Lower Upper

83 100

85 60.2 43.5 80.7

127 7.4 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 21.799 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VW030384.D

Acq: 03 Oct 2024 20:21

Instrument :

MSVOA_W

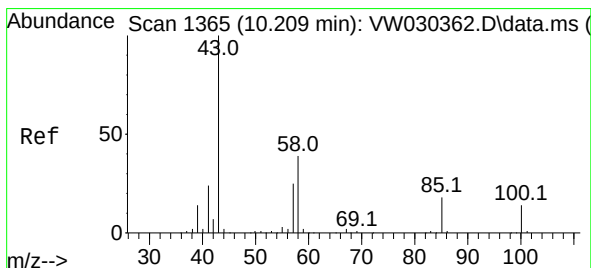
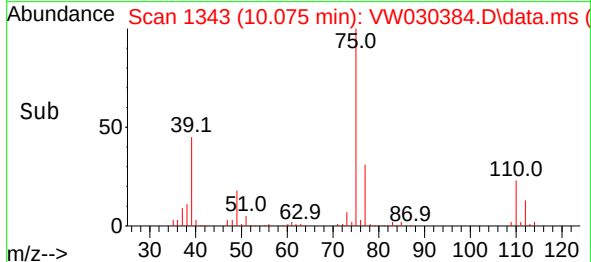
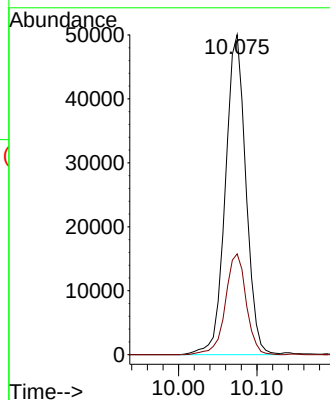
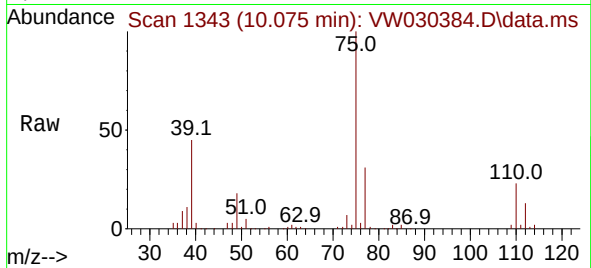
ClientSampleId :

Tgt Ion: 75 Resp: 91140

Ion Ratio Lower Upper

75 100

77 31.5 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 46.269 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW030384.D

Acq: 03 Oct 2024 20:21

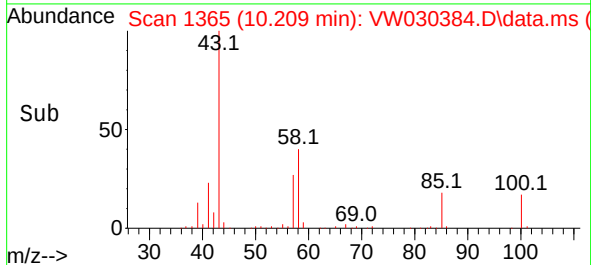
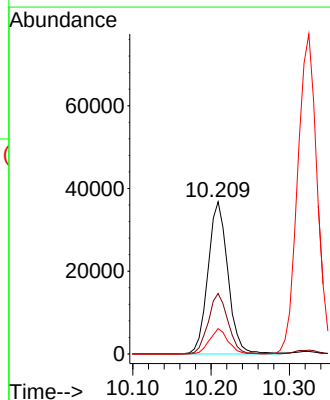
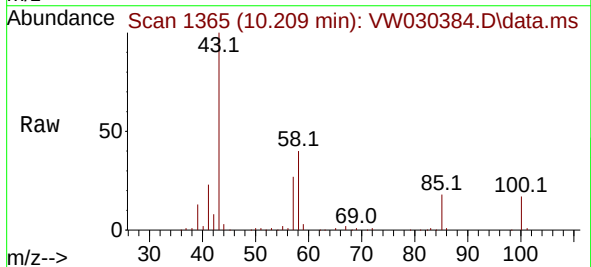
Tgt Ion: 43 Resp: 64892

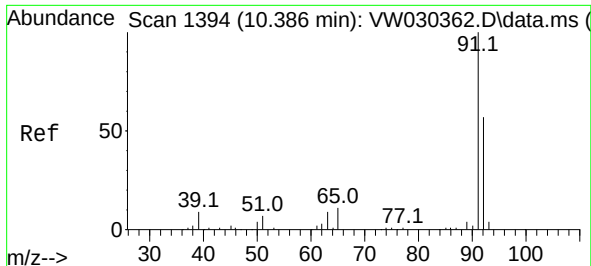
Ion Ratio Lower Upper

43 100

58 39.5 32.6 48.8

100 15.5 12.5 18.7

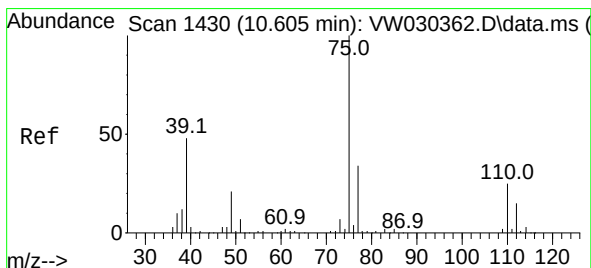
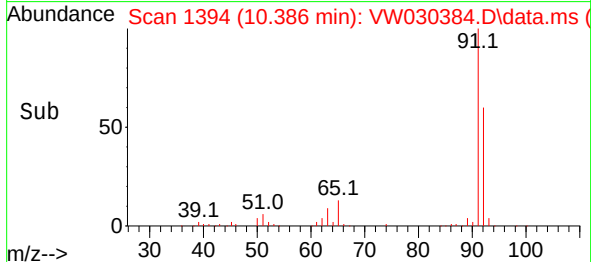
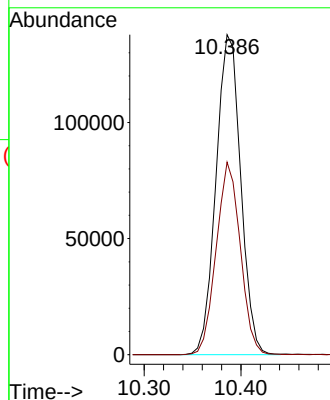
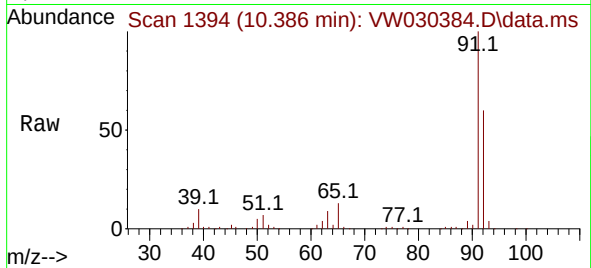




#42
Toluene
Concen: 22.113 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW030384.D
Acq: 03 Oct 2024 20:21

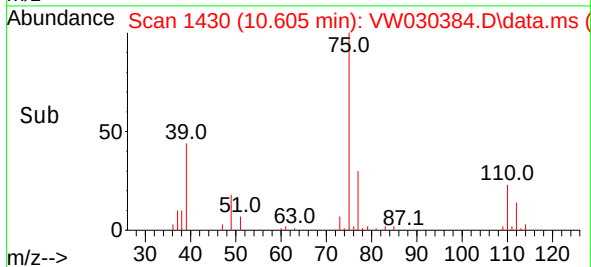
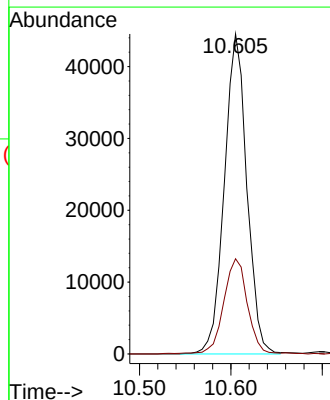
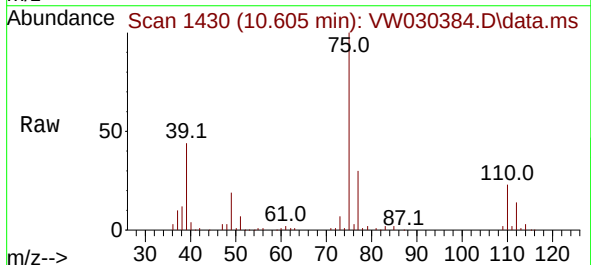
Instrument :
MSVOA_W
ClientSampleId :

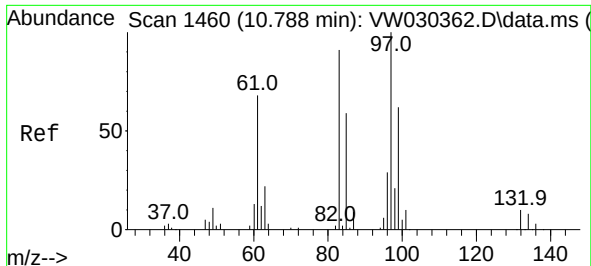
Tgt Ion: 91 Resp: 244649
Ion Ratio Lower Upper
91 100
92 60.2 42.3 78.5



#44
trans-1,3-Dichloropropene
Concen: 21.998 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW030384.D
Acq: 03 Oct 2024 20:21

Tgt Ion: 75 Resp: 76211
Ion Ratio Lower Upper
75 100
77 29.7 20.8 38.6





#45

1,1,2-Trichloroethane

Concen: 21.529 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. 0.000 min

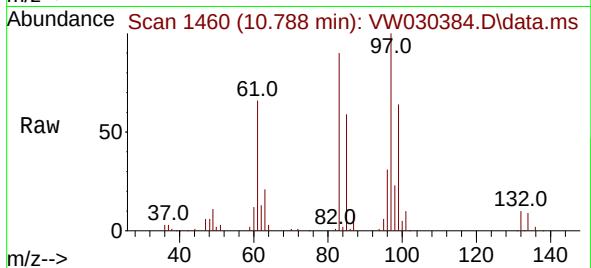
Lab File: VW030384.D

Acq: 03 Oct 2024 20:21

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 41369

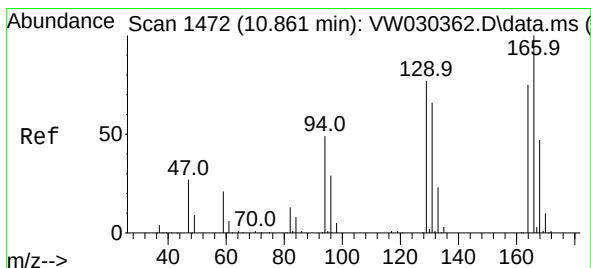
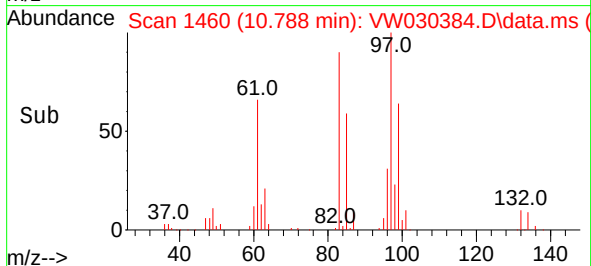
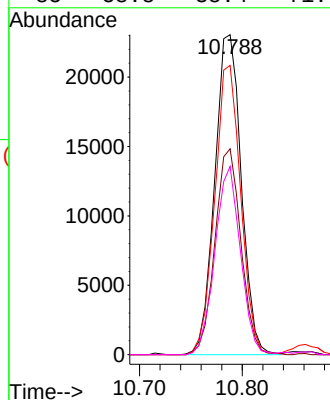
Ion Ratio Lower Upper

97 100

99 64.4 40.8 75.8

83 90.4 59.1 109.7

85 58.8 38.4 71.4



#46

Tetrachloroethene

Concen: 20.684 ug/L

RT: 10.867 min Scan# 1473

Delta R.T. 0.006 min

Lab File: VW030384.D

Acq: 03 Oct 2024 20:21

Tgt Ion:164 Resp: 42529

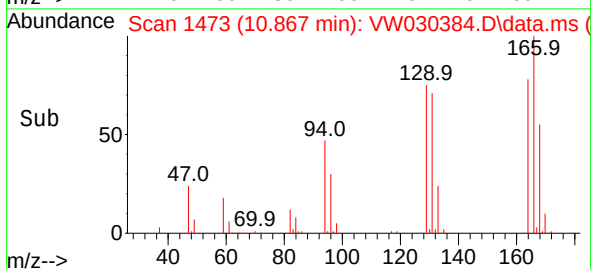
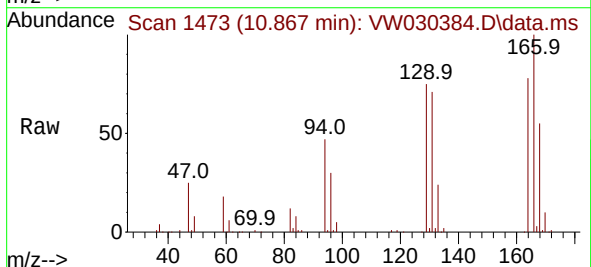
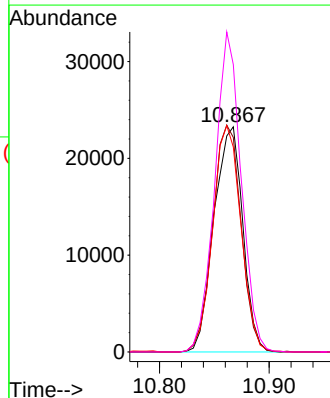
Ion Ratio Lower Upper

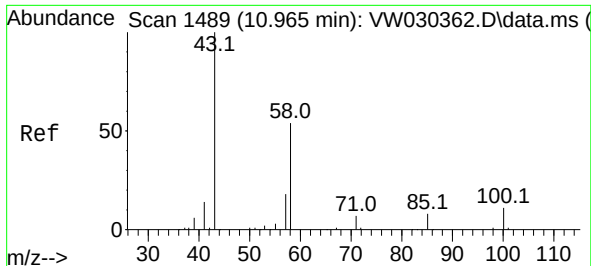
164 100

129 95.3 67.2 124.8

131 91.1 65.9 122.3

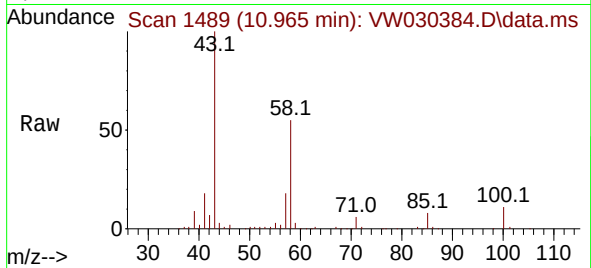
166 127.6 92.1 171.1



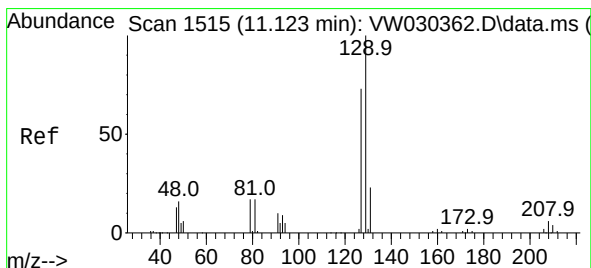
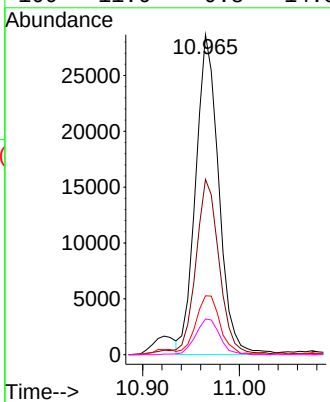
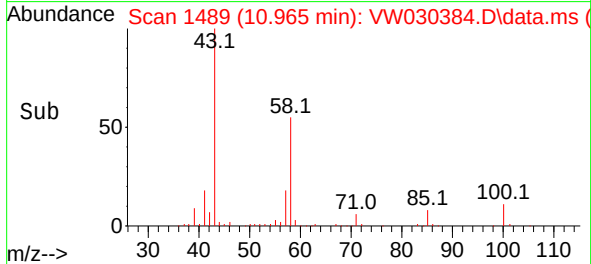


#48
2-Hexanone
Concen: 46.107 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW030384.D
Acq: 03 Oct 2024 20:21

Instrument :
MSVOA_W
ClientSampleId :

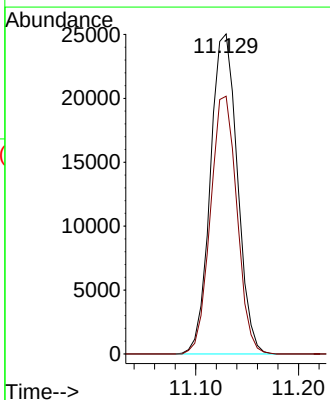
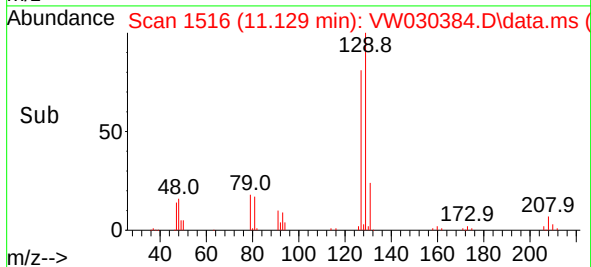
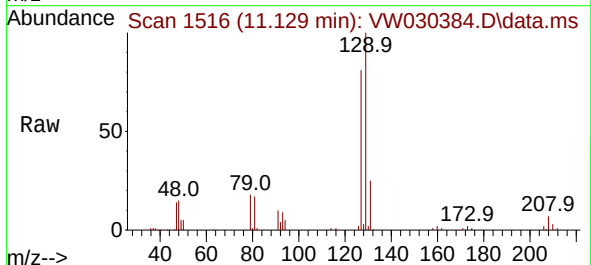


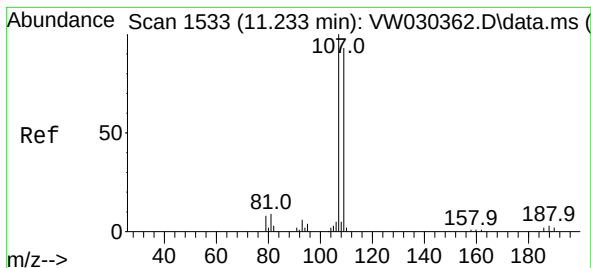
Tgt Ion: 43 Resp: 47616
Ion Ratio Lower Upper
43 100
58 55.2 46.1 69.1
57 19.4 15.3 22.9
100 11.6 9.8 14.8



#49
Dibromochloromethane
Concen: 21.132 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW030384.D
Acq: 03 Oct 2024 20:21

Tgt Ion: 129 Resp: 45696
Ion Ratio Lower Upper
129 100
127 80.5 57.2 106.2





#50

1,2-Dibromoethane

Concen: 21.102 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW030384.D

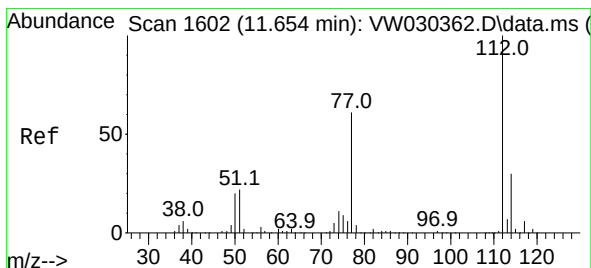
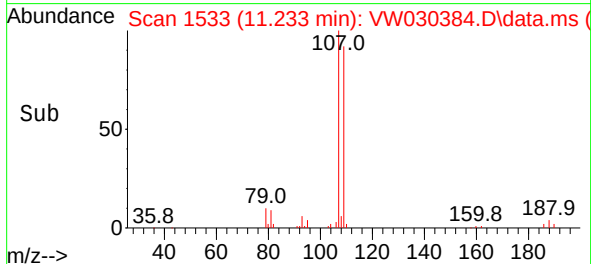
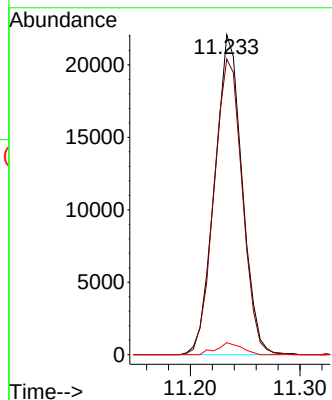
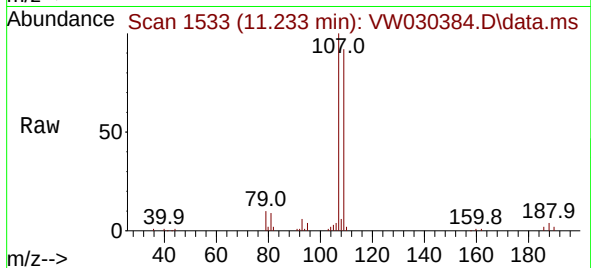
Acq: 03 Oct 2024 20:21

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	38368
Ion Ratio	Lower	Upper	
107	100		
109	92.4	67.8	125.8
188	3.8	2.9	4.3



#51

Chlorobenzene

Concen: 21.312 ug/L

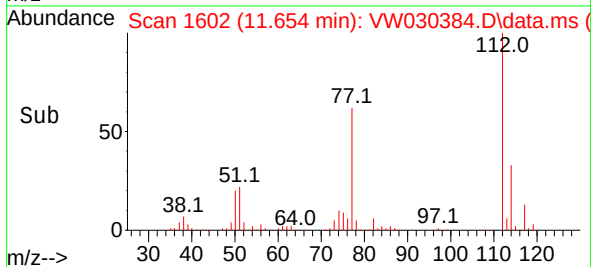
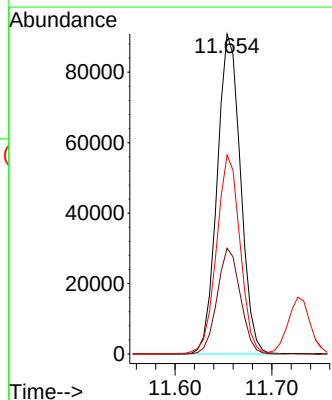
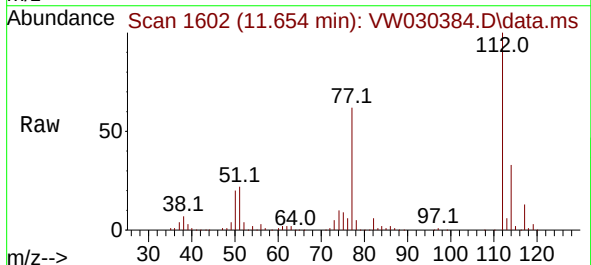
RT: 11.654 min Scan# 1602

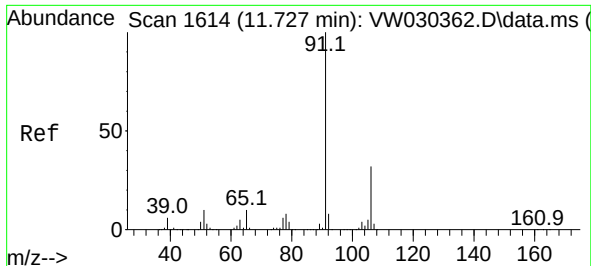
Delta R.T. 0.000 min

Lab File: VW030384.D

Acq: 03 Oct 2024 20:21

Tgt Ion:	112	Resp:	152370
Ion Ratio	Lower	Upper	
112	100		
114	33.1	21.5	39.9
77	62.1	46.7	70.1





#52

Ethylbenzene

Concen: 22.097 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030384.D

Acq: 03 Oct 2024 20:21

Instrument :

MSVOA_W

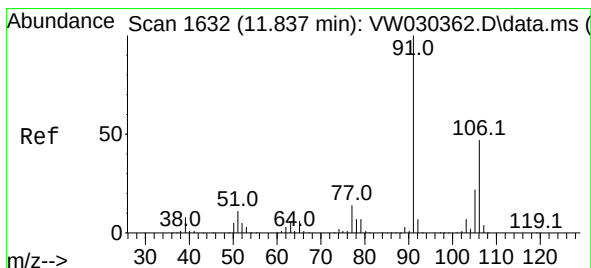
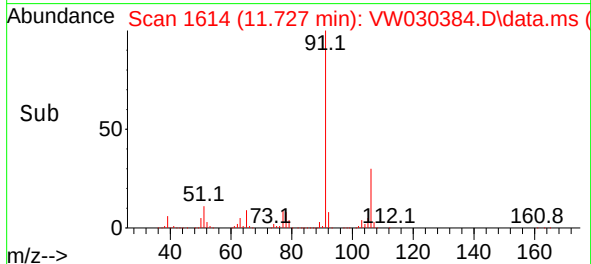
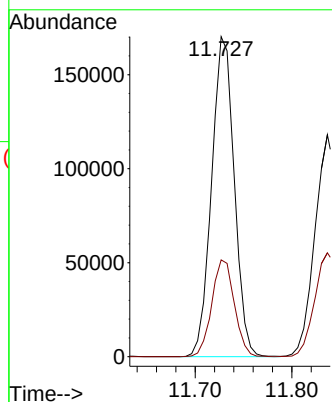
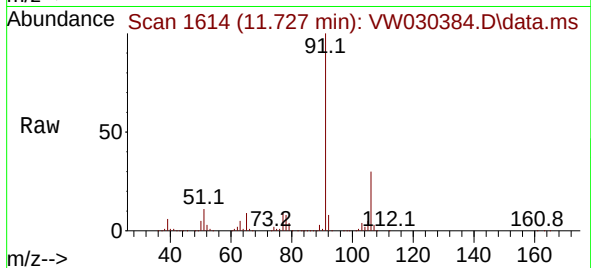
ClientSampleId :

Tgt Ion: 91 Resp: 276963

Ion Ratio Lower Upper

91 100

106 30.2 21.8 40.6



#53

m,p-Xylene

Concen: 22.290 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW030384.D

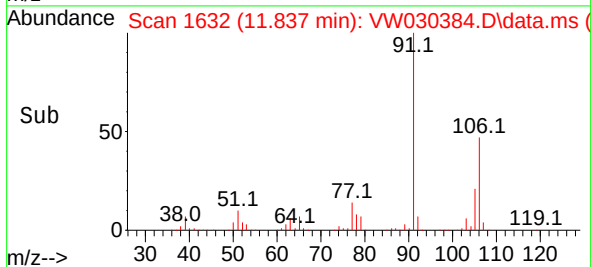
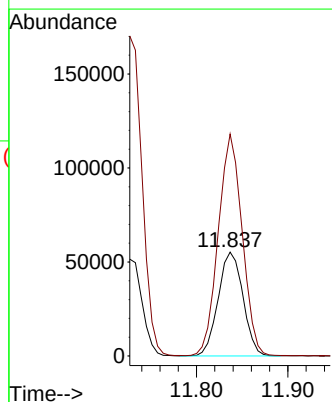
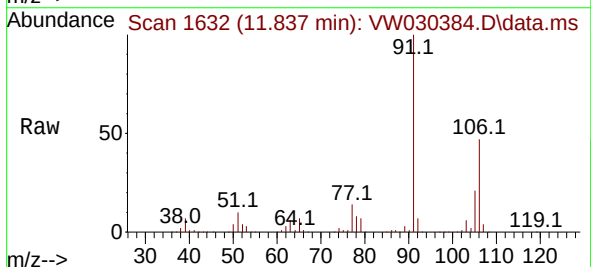
Acq: 03 Oct 2024 20:21

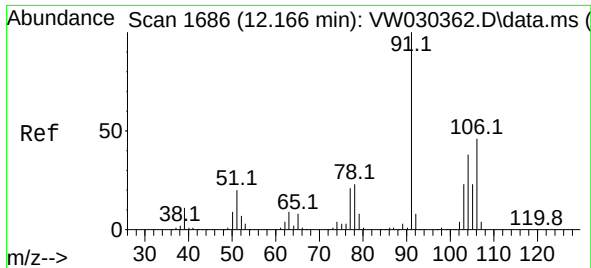
Tgt Ion:106 Resp: 104291

Ion Ratio Lower Upper

106 100

91 213.6 144.4 268.2

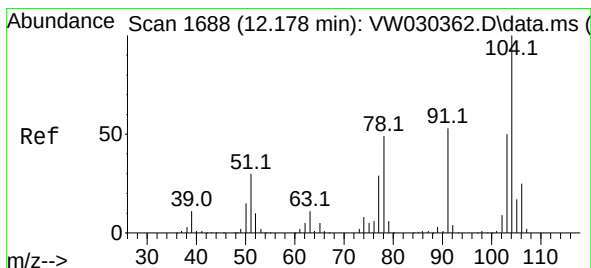
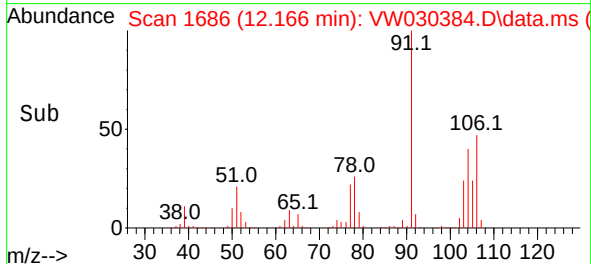
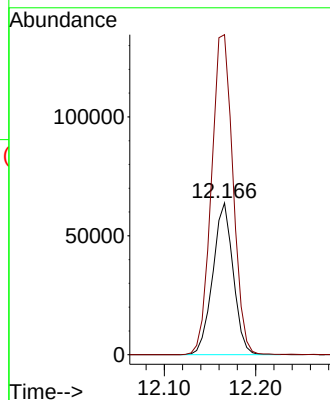
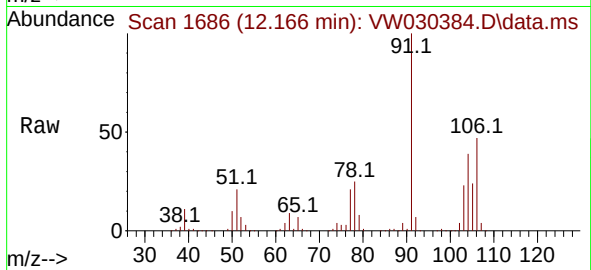




#54
o-Xylene
Concen: 22.176 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW030384.D
Acq: 03 Oct 2024 20:21

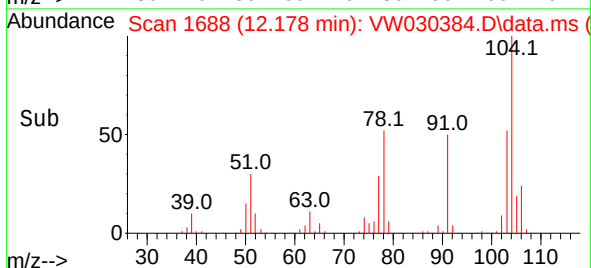
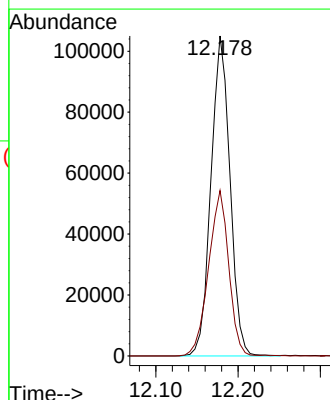
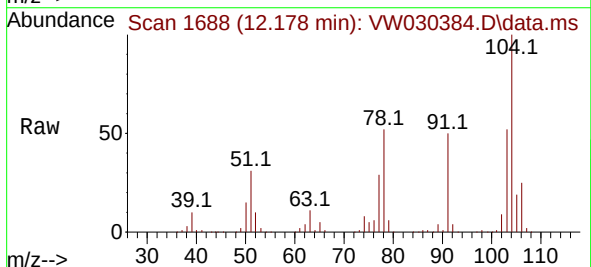
Instrument :
MSVOA_W
ClientSampleId :

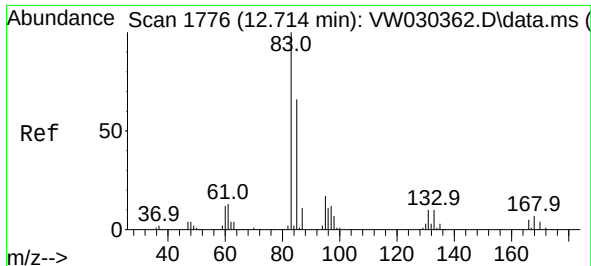
Tgt Ion:106 Resp: 98755
Ion Ratio Lower Upper
106 100
91 211.0 153.6 285.2



#55
Styrene
Concen: 22.230 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW030384.D
Acq: 03 Oct 2024 20:21

Tgt Ion:104 Resp: 168885
Ion Ratio Lower Upper
104 100
78 51.7 34.6 64.3

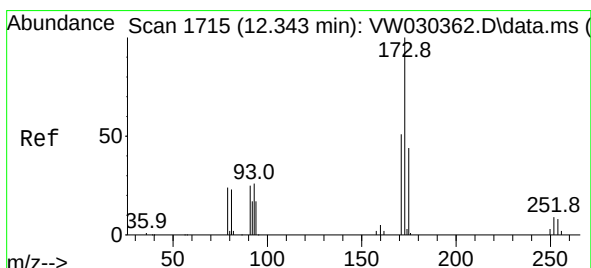
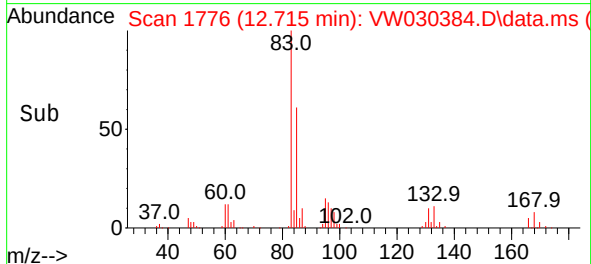
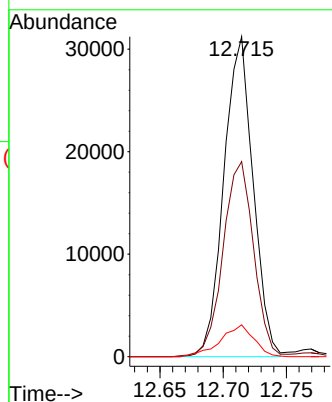
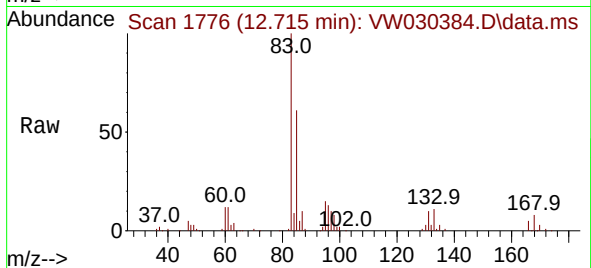




#57
1,1,2,2-Tetrachloroethane
Concen: 22.253 ug/L
RT: 12.715 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW030384.D
Acq: 03 Oct 2024 20:21

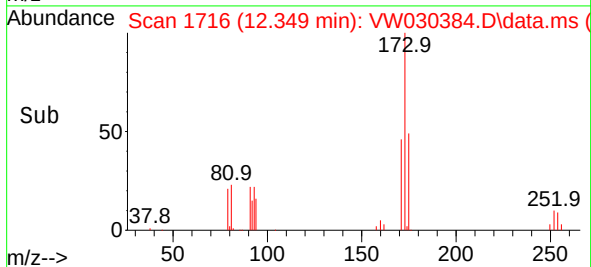
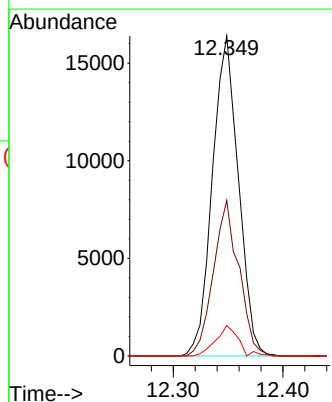
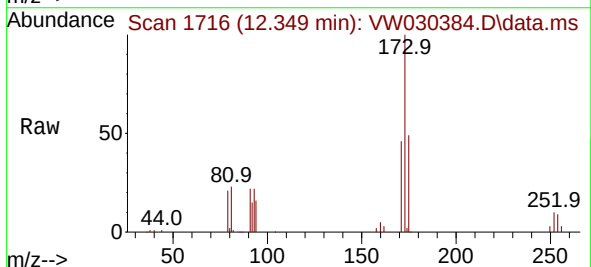
Instrument :
MSVOA_W
ClientSampleId :

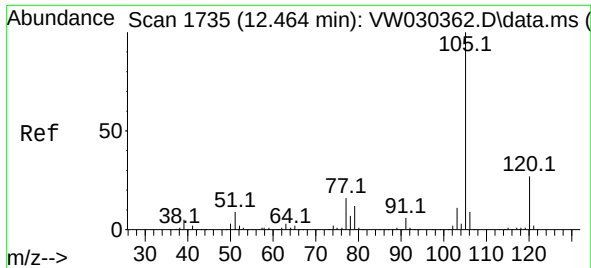
Tgt Ion: 83 Resp: 50079
Ion Ratio Lower Upper
83 100
85 61.0 43.9 81.5
131 10.0 7.1 10.7



#59
Bromoform
Concen: 22.817 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VW030384.D
Acq: 03 Oct 2024 20:21

Tgt Ion:173 Resp: 27047
Ion Ratio Lower Upper
173 100
175 47.5 38.7 58.1
254 7.7 7.4 11.2

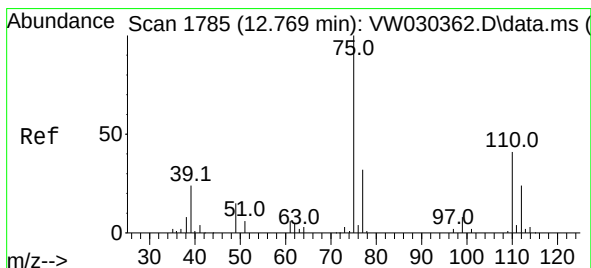
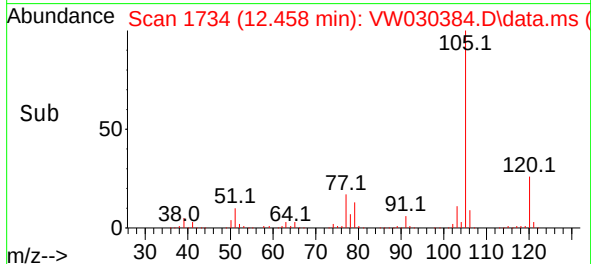
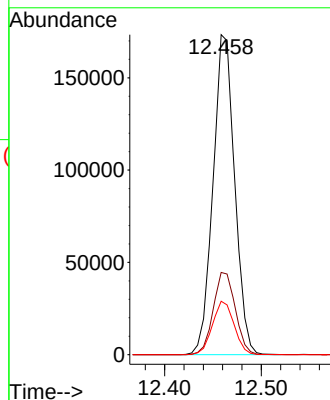
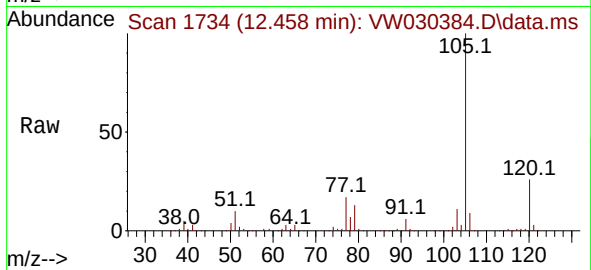




#60
Isopropylbenzene
Concen: 23.198 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VW030384.D
Acq: 03 Oct 2024 20:21

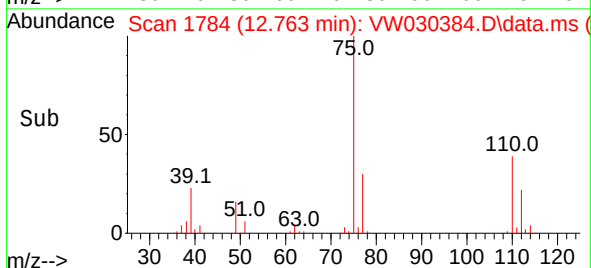
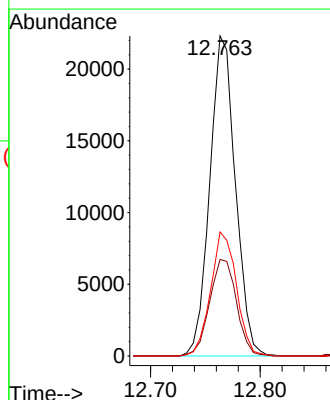
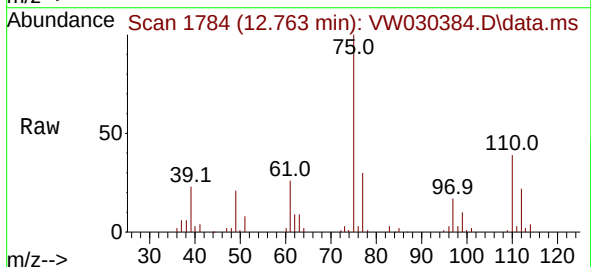
Instrument :
MSVOA_W
ClientSampleId :

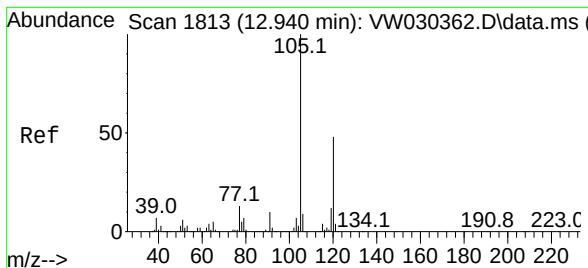
Tgt Ion:105 Resp: 269420
Ion Ratio Lower Upper
105 100
120 26.2 21.2 31.8
77 16.7 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 23.284 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VW030384.D
Acq: 03 Oct 2024 20:21

Tgt Ion: 75 Resp: 36218
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.2
110 39.0 30.8 46.2

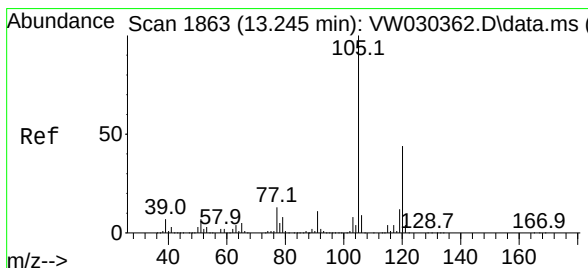
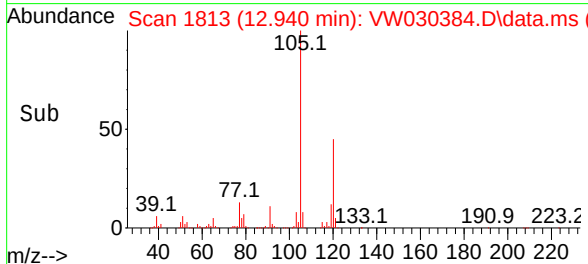
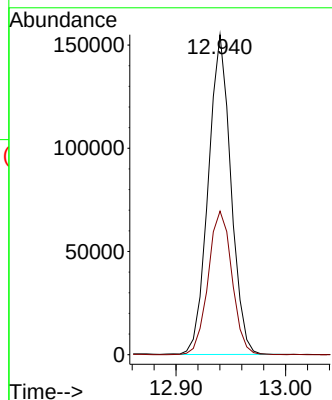
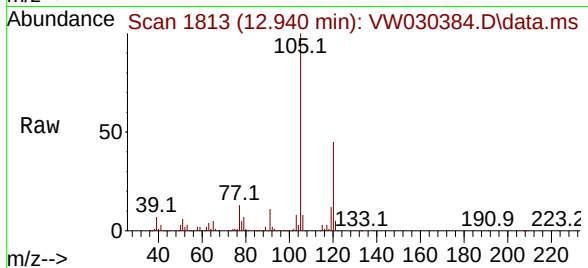




#62
1,3,5-Trimethylbenzene
Concen: 23.603 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW030384.D
Acq: 03 Oct 2024 20:21

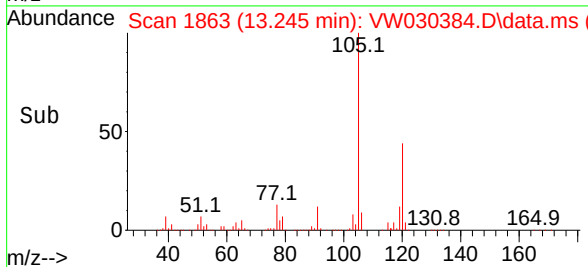
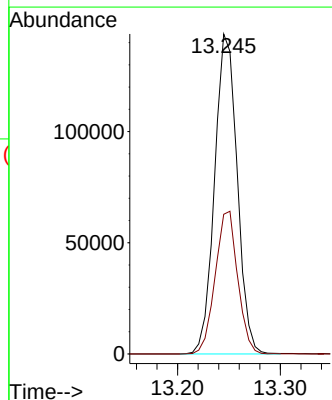
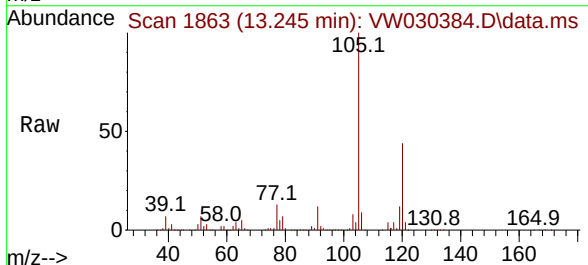
Instrument :
MSVOA_W
ClientSampleId :

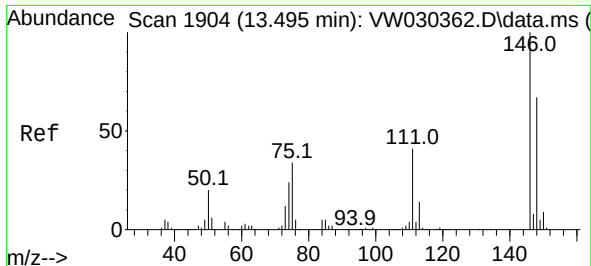
Tgt Ion:105 Resp: 221724
Ion Ratio Lower Upper
105 100
120 47.3 37.4 56.0



#63
1,2,4-Trimethylbenzene
Concen: 23.677 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW030384.D
Acq: 03 Oct 2024 20:21

Tgt Ion:105 Resp: 219755
Ion Ratio Lower Upper
105 100
120 44.4 34.4 51.6

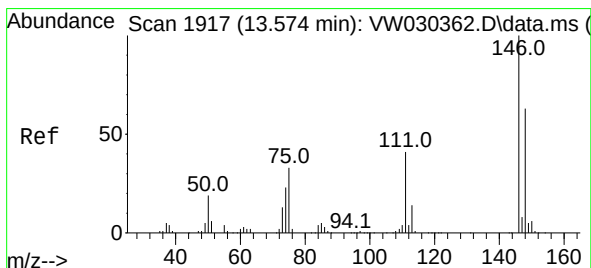
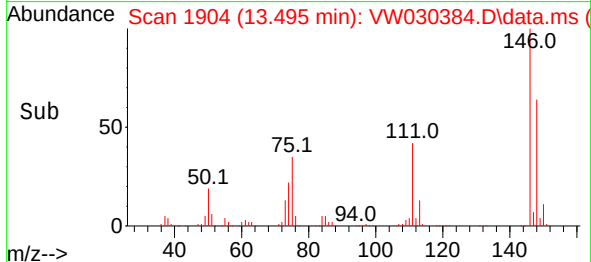
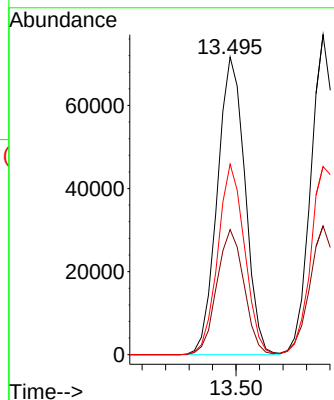
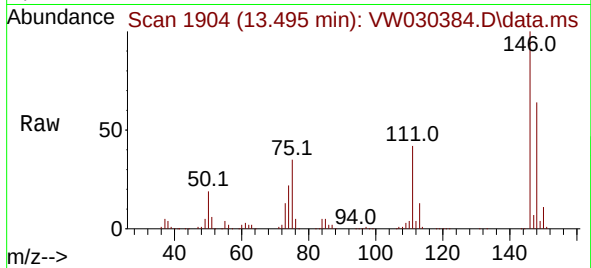




#64
1,3-Dichlorobenzene
Concen: 22.631 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW030384.D
Acq: 03 Oct 2024 20:21

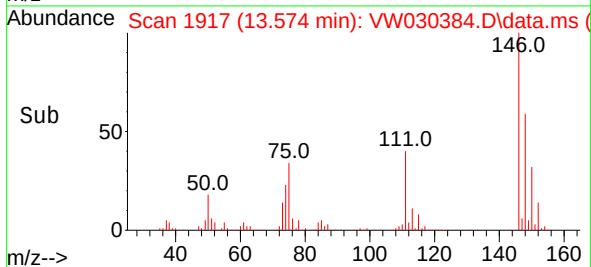
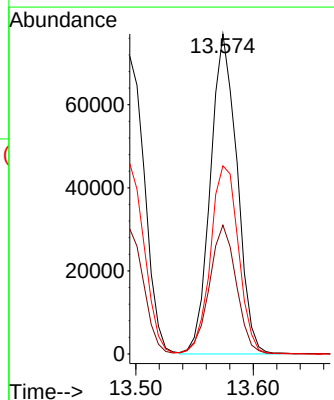
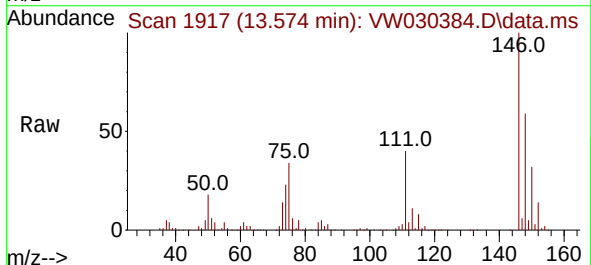
Instrument :
MSVOA_W
ClientSampleId :

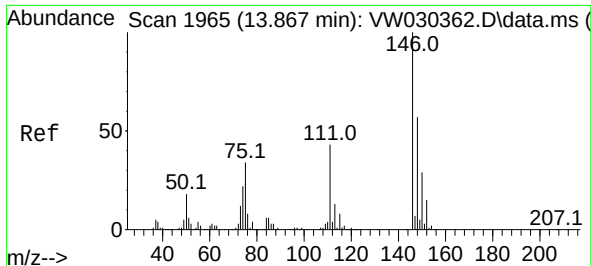
Tgt Ion:146 Resp: 117461
Ion Ratio Lower Upper
146 100
111 42.0 33.2 61.6
148 64.0 50.4 93.6



#65
1,4-Dichlorobenzene
Concen: 22.862 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW030384.D
Acq: 03 Oct 2024 20:21

Tgt Ion:146 Resp: 121217
Ion Ratio Lower Upper
146 100
111 40.3 29.1 54.1
148 58.8 42.1 78.1

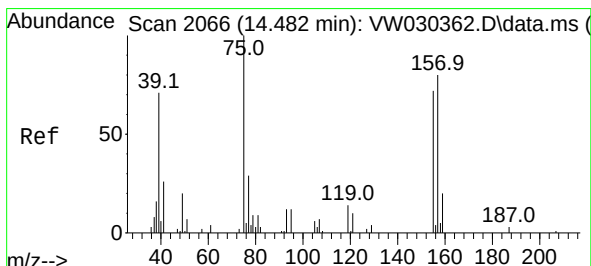
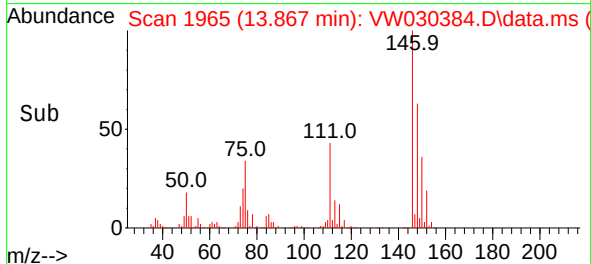
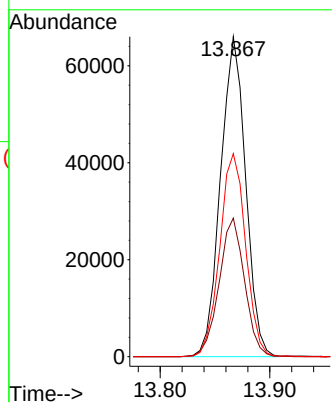
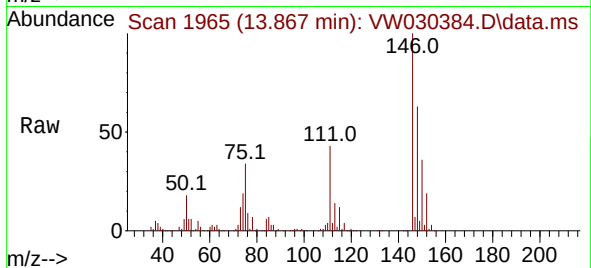




#67
1,2-Dichlorobenzene
Concen: 22.717 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW030384.D
Acq: 03 Oct 2024 20:21

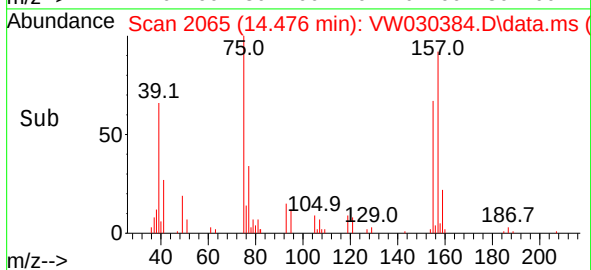
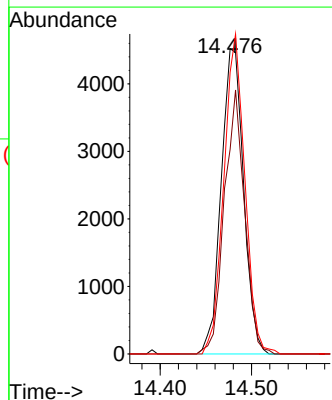
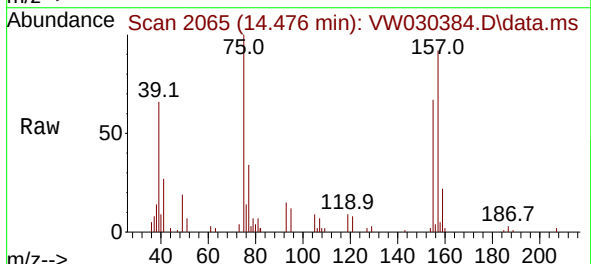
Instrument :
MSVOA_W
ClientSampleId :

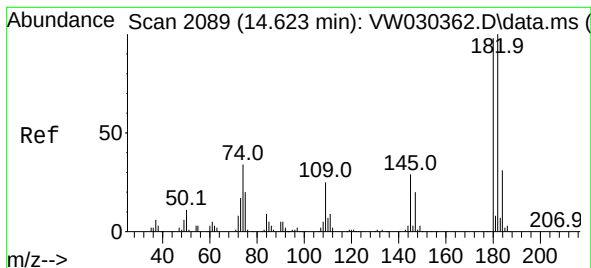
Tgt Ion:146 Resp: 105113
Ion Ratio Lower Upper
146 100
111 43.3 40.1 60.1
148 63.4 55.7 83.5



#68
1,2-Dibromo-3-chloropropane
Concen: 21.652 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.006 min
Lab File: VW030384.D
Acq: 03 Oct 2024 20:21

Tgt Ion: 75 Resp: 7717
Ion Ratio Lower Upper
75 100
155 67.0 60.1 90.1
157 92.3 74.3 111.5





#69

1,3,5-Trichlorobenzene

Concen: 20.870 ug/L

RT: 14.629 min Scan# 2089

Delta R.T. 0.006 min

Lab File: VW030384.D

Acq: 03 Oct 2024 20:21

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 74762

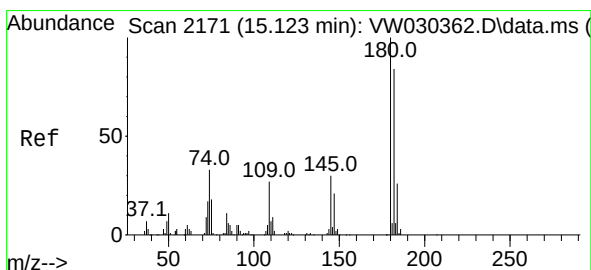
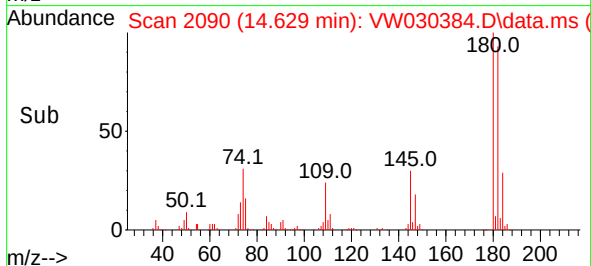
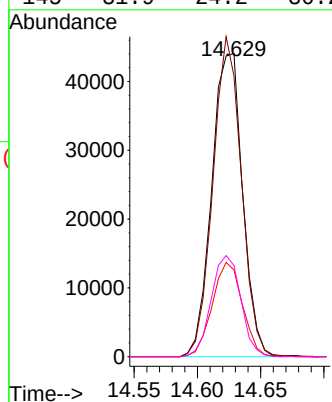
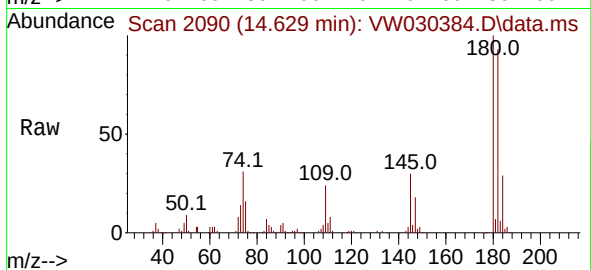
Ion Ratio Lower Upper

180 100

182 97.1 77.4 116.2

184 30.3 24.5 36.7

145 31.9 24.2 36.2



#70

1,2,4-trichlorobenzene

Concen: 21.797 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW030384.D

Acq: 03 Oct 2024 20:21

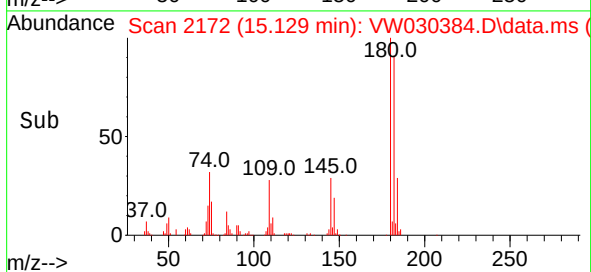
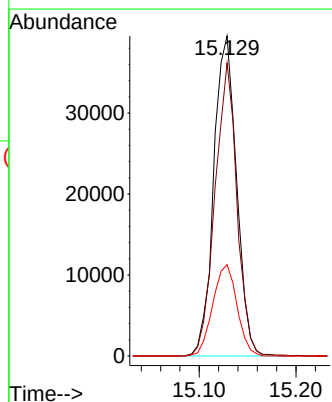
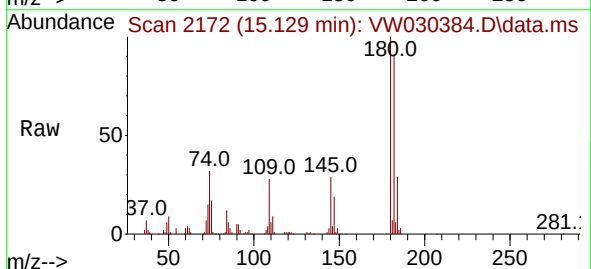
Tgt Ion:180 Resp: 64649

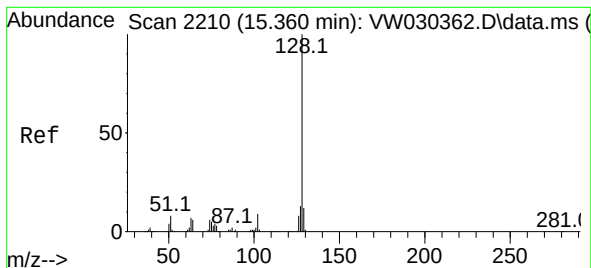
Ion Ratio Lower Upper

180 100

182 88.0 77.2 115.8

145 30.4 25.3 37.9





#71

Naphthalene

Concen: 21.951 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW030384.D

Acq: 03 Oct 2024 20:21

Instrument :

MSVOA_W

ClientSampleId :

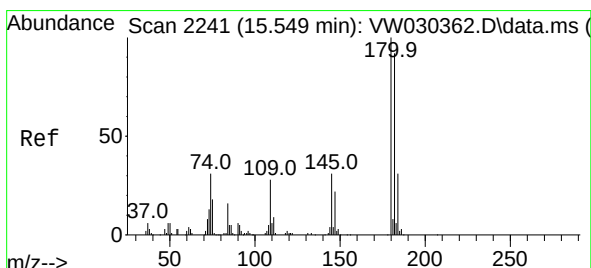
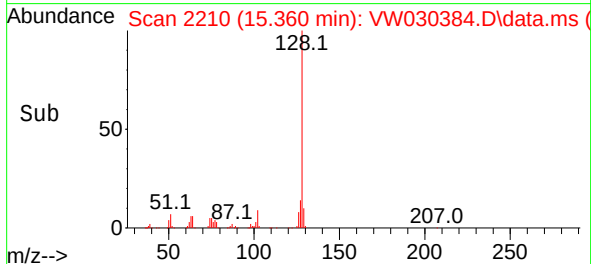
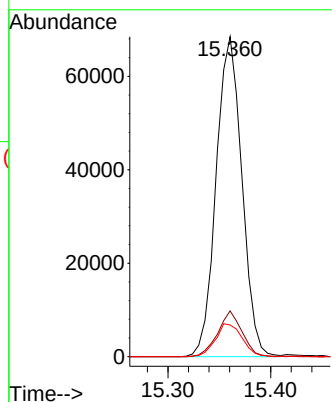
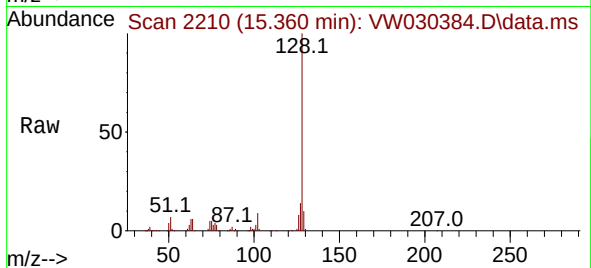
Tgt Ion:128 Resp: 119083

Ion Ratio Lower Upper

128 100

127 13.5 10.8 16.2

129 10.7 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 21.135 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW030384.D

Acq: 03 Oct 2024 20:21

Tgt Ion:180 Resp: 54868

Ion Ratio Lower Upper

180 100

182 95.8 75.6 113.4

145 34.2 25.6 38.4

