

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100224\
 Data File : VW030324.D
 Acq On : 02 Oct 2024 13:28
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 03 04:07:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092724SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Oct 01 01:01:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.840	114	173426	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.632	117	157719	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.552	152	77213	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.365	65	36835	27.181	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.720%
7) Chloroethane-d5	2.902	69	28602	29.007	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	116.040%
11) 1,1-Dichloroethene-d2	4.024	65	23483	23.739	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.960%
21) 2-Butanone-d5	7.078	46	25812	47.362	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.720%
24) Chloroform-d	7.651	84	110715	23.763	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.040%
26) 1,2-Dichloroethane-d4	8.303	65	59650	24.529	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.120%
32) Benzene-d6	8.273	84	211563	23.933	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.720%
36) 1,2-Dichloropropane-d6	9.273	67	64691	24.332	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.320%
41) Toluene-d8	10.321	98	190805	23.540	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.160%
43) trans-1,3-Dichloroprop...	10.577	79	26795	24.230	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.920%
47) 2-Hexanone-d5	10.919	63	21095	48.050	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.100%
56) 1,1,2,2-Tetrachloroeth...	12.687	84	47634	23.977	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.920%
66) 1,2-Dichlorobenzene-d4	13.851	152	60919	23.763	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.018	85	40825	21.536	ug/L	99
3) Chloromethane	2.225	50	38309	25.797	ug/L	97
5) Vinyl chloride	2.378	62	45109	28.574	ug/L	94
6) Bromomethane	2.792	94	27144	25.834	ug/L	90
8) Chloroethane	2.938	64	25253	29.320	ug/L	88
9) Trichlorofluoromethane	3.268	101	49778	24.477	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.072	101	48704	24.039	ug/L	91
12) 1,1-Dichloroethene	4.048	96	46745	23.200	ug/L	95
13) Acetone	4.121	43	31926	55.224	ug/L	100
14) Carbon disulfide	4.389	76	153486	22.907	ug/L	98
15) Methyl Acetate	4.676	43	21370	22.663	ug/L	95
16) Methylene chloride	4.920	84	54100	20.268	ug/L	91
17) trans-1,2-Dichloroethene	5.432	96	52634	22.503	ug/L	94
18) Methyl tert-butyl Ether	5.426	73	82041	22.053	ug/L	98
19) 1,1-Dichloroethane	6.218	63	106430	23.894	ug/L	97
20) cis-1,2-Dichloroethene	7.169	96	57995	22.442	ug/L	98
22) 2-Butanone	7.169	43	35532	48.078	ug/L	99
23) Bromochloromethane	7.511	128	24092	21.355	ug/L	99
25) Chloroform	7.675	83	105893	22.923	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100224\
 Data File : VW030324.D
 Acq On : 02 Oct 2024 13:28
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 03 04:07:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092724SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Oct 01 01:01:52 2024
 Response via : Initial Calibration

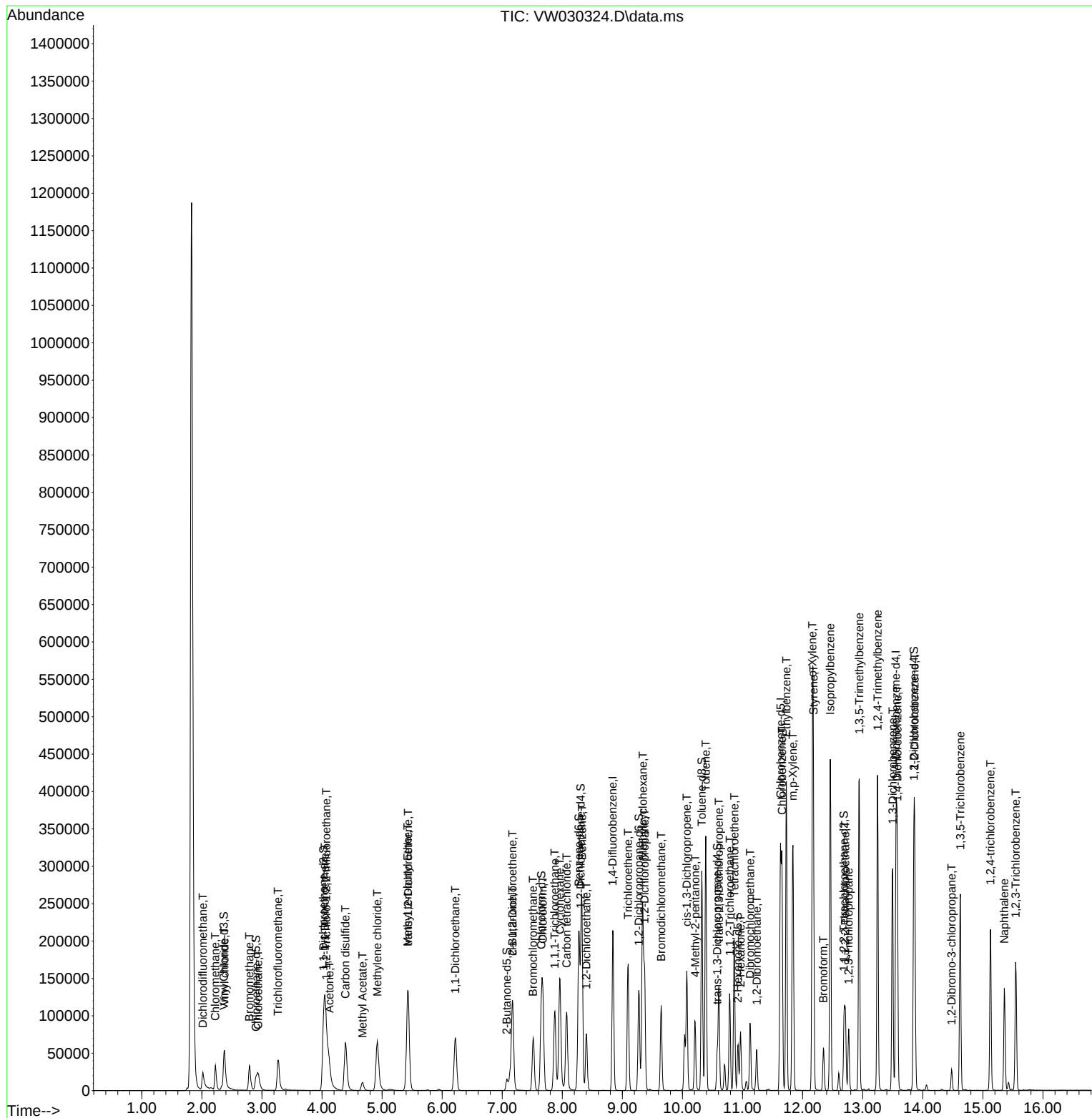
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.401	62	70620	23.052	ug/L	99
29) Cyclohexane	7.962	56	90669	26.079	ug/L	96
30) 1,1,1-Trichloroethane	7.870	97	88329	24.176	ug/L	97
31) Carbon tetrachloride	8.072	117	81470	24.950	ug/L	99
33) Benzene	8.328	78	226730	23.602	ug/L	100
34) Trichloroethene	9.096	95	59307	23.210	ug/L	96
35) Methylcyclohexane	9.340	83	98267	25.059	ug/L	94
37) 1,2-Dichloropropane	9.370	63	61339	24.201	ug/L	100
38) Bromodichloromethane	9.645	83	75336	23.674	ug/L	94
39) cis-1,3-Dichloropropene	10.071	75	92754	23.866	ug/L	100
40) 4-Methyl-2-pentanone	10.211	43	62437	47.893	ug/L	97
42) Toluene	10.388	91	243520	23.679	ug/L	99
44) trans-1,3-Dichloropropene	10.608	75	77115	23.946	ug/L	96
45) 1,1,2-Trichloroethane	10.791	97	39820	22.294	ug/L	97
46) Tetrachloroethene	10.864	164	44505	23.286	ug/L	95
48) 2-Hexanone	10.967	43	50929	53.053	ug/L	97
49) Dibromochloromethane	11.126	129	45384	22.578	ug/L	94
50) 1,2-Dibromoethane	11.236	107	37023	21.906	ug/L	99
51) Chlorobenzene	11.656	112	151229	22.755	ug/L	95
52) Ethylbenzene	11.730	91	281213	24.137	ug/L	97
53) m,p-Xylene	11.839	106	104044	23.923	ug/L	96
54) o-Xylene	12.162	106	98904	23.892	ug/L	92
55) Styrene	12.181	104	168127	23.808	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.711	83	46987	22.461	ug/L	99
59) Bromoform	12.345	173	25717	22.990	ug/L	98
60) Isopropylbenzene	12.461	105	276955	25.271	ug/L	98
61) 1,2,3-Trichloropropane	12.766	75	34070	23.211	ug/L	99
62) 1,3,5-Trimethylbenzene	12.943	105	225760	25.467	ug/L	98
63) 1,2,4-Trimethylbenzene	13.248	105	219284	25.037	ug/L	99
64) 1,3-Dichlorobenzene	13.497	146	115132	23.507	ug/L	95
65) 1,4-Dichlorobenzene	13.577	146	118215	23.627	ug/L	95
67) 1,2-Dichlorobenzene	13.863	146	103606	23.728	ug/L	90
68) 1,2-Dibromo-3-chloropr...	14.479	75	7581	22.541	ug/L	96
69) 1,3,5-Trichlorobenzene	14.625	180	74289	21.977	ug/L	97
70) 1,2,4-trichlorobenzene	15.125	180	63355	22.637	ug/L	99
71) Naphthalene	15.357	128	111270	21.735	ug/L	100
72) 1,2,3-Trichlorobenzene	15.546	180	58035	23.690	ug/L	96

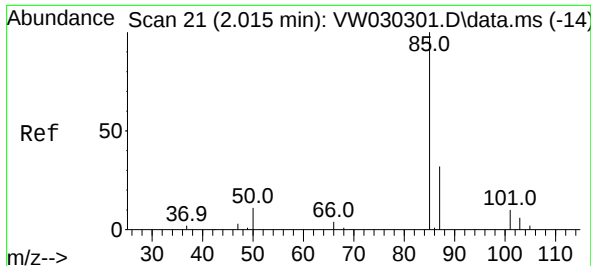
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100224\
Data File : VW030324.D
Acq On : 02 Oct 2024 13:28
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Oct 03 04:07:35 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092724SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Oct 01 01:01:52 2024
Response via : Initial Calibration

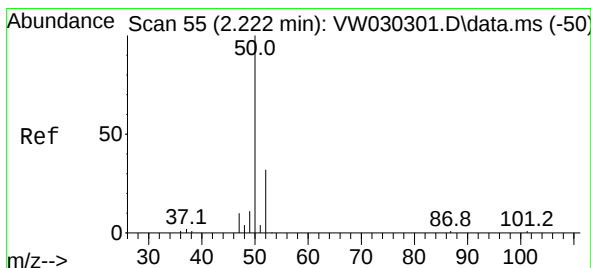
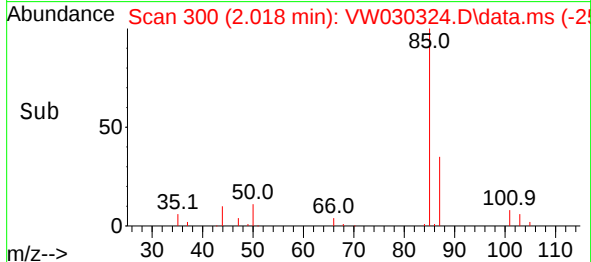
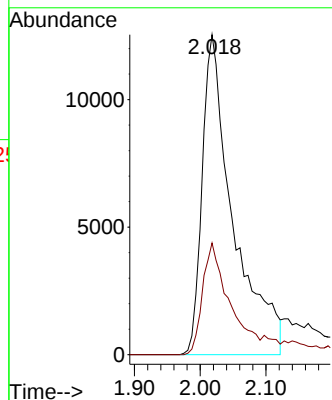
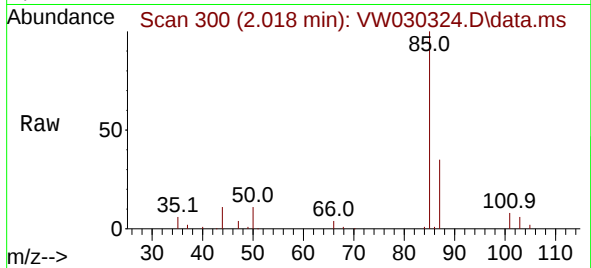




#2
 Dichlorodifluoromethane
 Concen: 21.536 ug/L
 RT: 2.018 min Scan# 30
 Delta R.T. 0.003 min
 Lab File: VW030324.D
 Acq: 02 Oct 2024 13:28

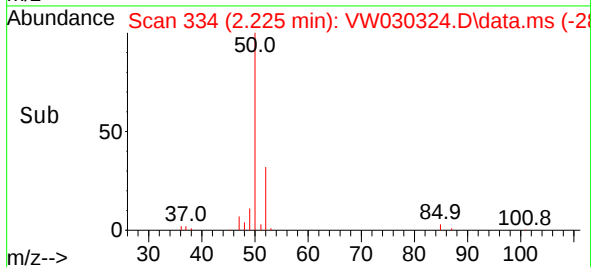
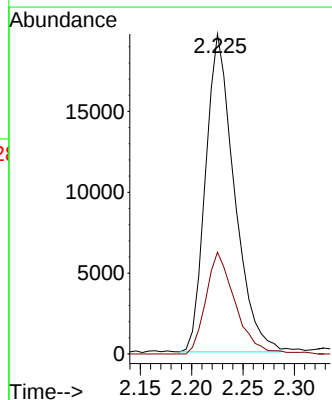
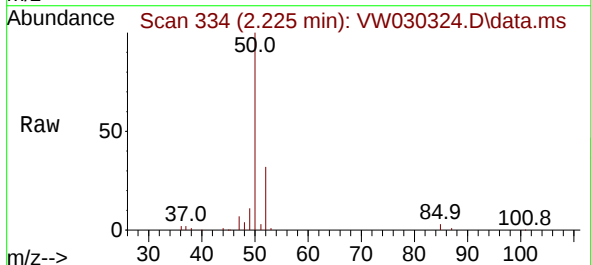
Instrument :
 MSVOA_W
 ClientSampleId :

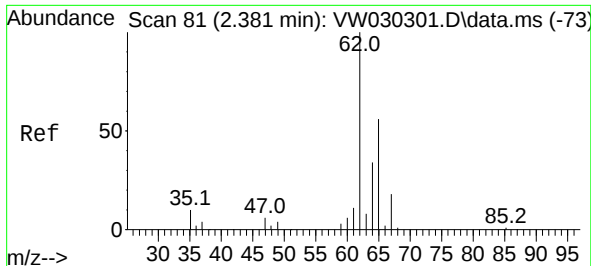
Tgt Ion: 85 Resp: 40825
 Ion Ratio Lower Upper
 85 100
 87 30.8 24.0 36.0



#3
 Chloromethane
 Concen: 25.797 ug/L
 RT: 2.225 min Scan# 334
 Delta R.T. -0.003 min
 Lab File: VW030324.D
 Acq: 02 Oct 2024 13:28

Tgt Ion: 50 Resp: 38309
 Ion Ratio Lower Upper
 50 100
 52 31.8 23.5 43.7

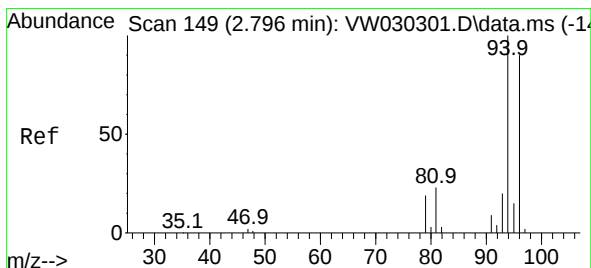
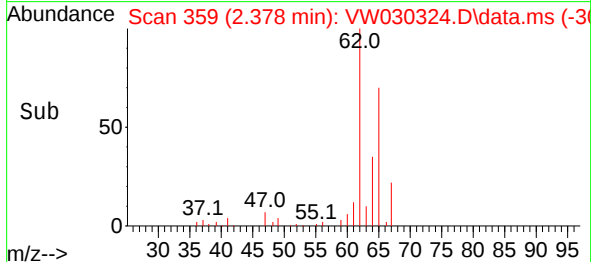
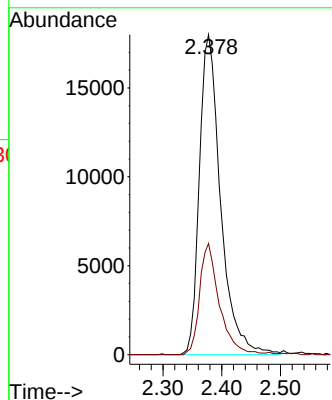
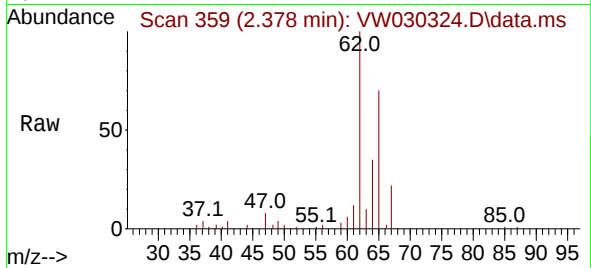




#5
 Vinyl chloride
 Concen: 28.574 ug/L
 RT: 2.378 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VW030324.D
 Acq: 02 Oct 2024 13:28

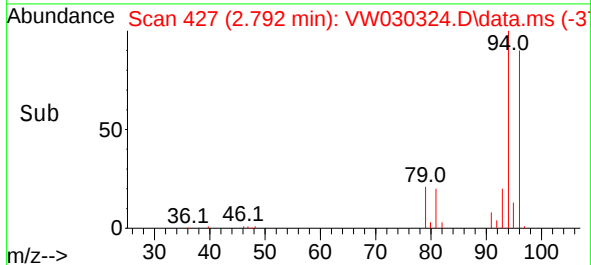
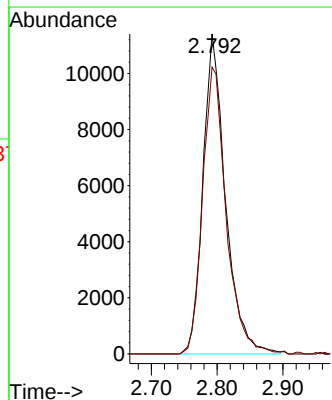
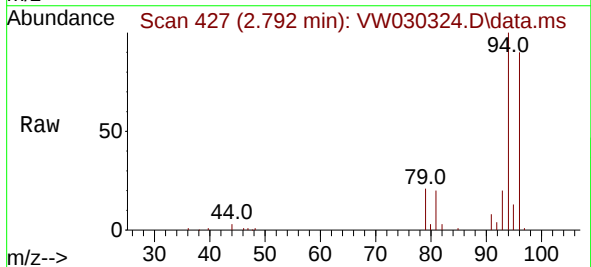
Instrument :
 MSVOA_W
 ClientSampleId :

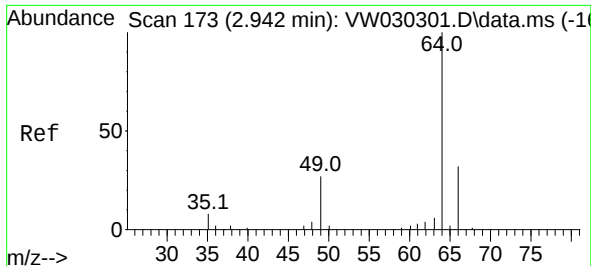
Tgt Ion: 62 Resp: 45109
 Ion Ratio Lower Upper
 62 100
 64 34.8 22.1 41.1



#6
 Bromomethane
 Concen: 25.834 ug/L
 RT: 2.792 min Scan# 427
 Delta R.T. 0.003 min
 Lab File: VW030324.D
 Acq: 02 Oct 2024 13:28

Tgt Ion: 94 Resp: 27144
 Ion Ratio Lower Upper
 94 100
 96 89.6 69.7 129.4

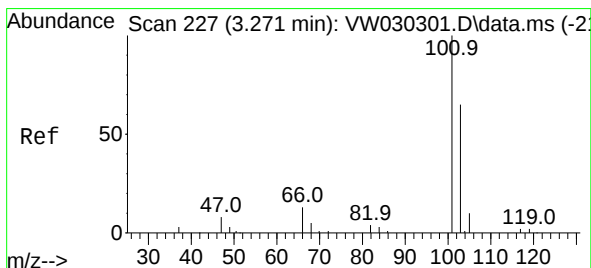
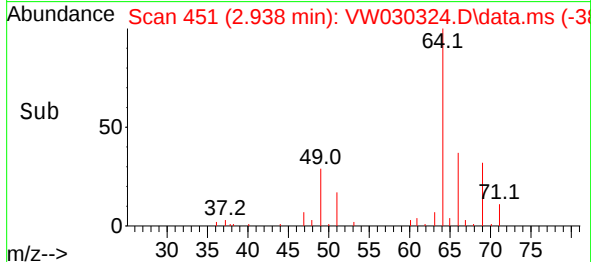
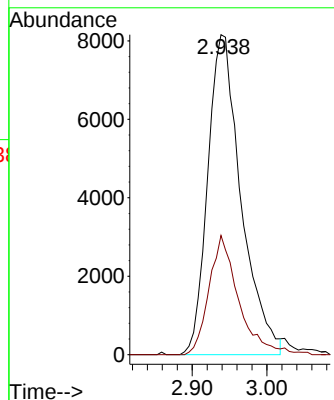
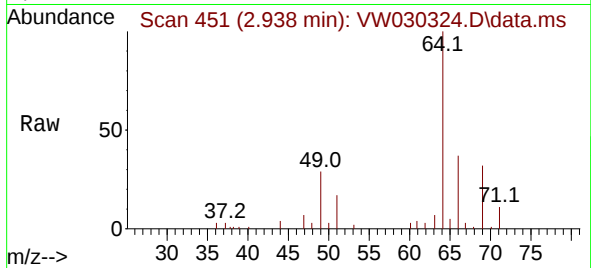




#8
Chloroethane
Concen: 29.320 ug/L
RT: 2.938 min Scan# 41
Delta R.T. 0.003 min
Lab File: VW030324.D
Acq: 02 Oct 2024 13:28

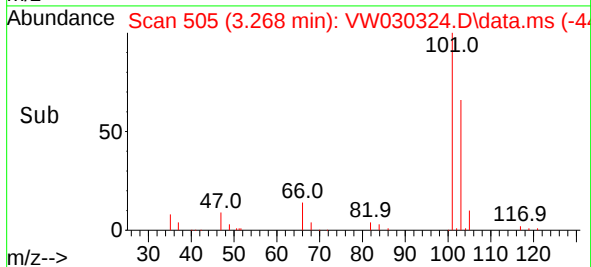
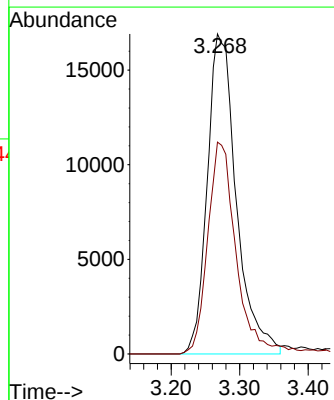
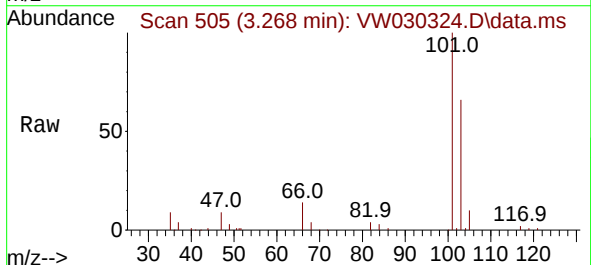
Instrument :
MSVOA_W
ClientSampleId :

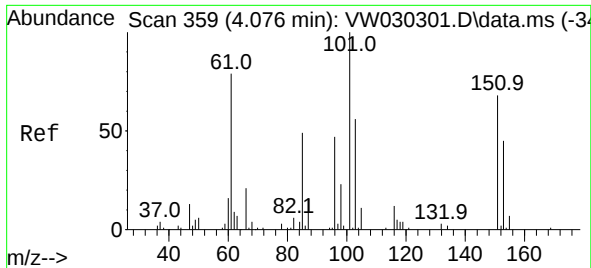
Tgt Ion: 64 Resp: 25253
Ion Ratio Lower Upper
64 100
66 37.2 21.4 39.8



#9
Trichlorofluoromethane
Concen: 24.477 ug/L
RT: 3.268 min Scan# 505
Delta R.T. -0.003 min
Lab File: VW030324.D
Acq: 02 Oct 2024 13:28

Tgt Ion:101 Resp: 49778
Ion Ratio Lower Upper
101 100
103 63.1 50.2 75.4





#10

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

Concen: 24.039 ug/L

RT: 4.072 min Scan# 61

Delta R.T. -0.009 min

Lab File: VW030324.D

Acq: 02 Oct 2024 13:28

Instrument :

MSVOA_W

ClientSampleId :

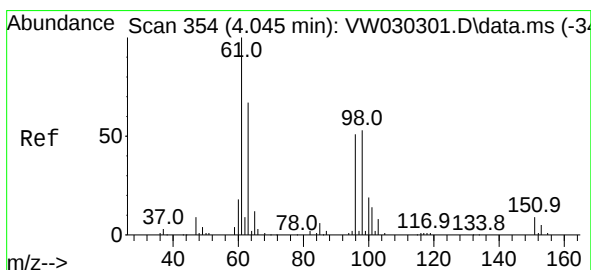
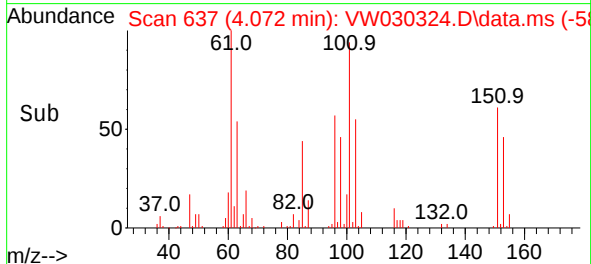
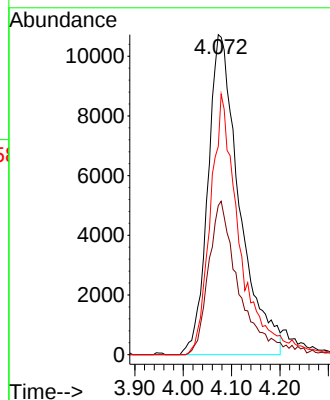
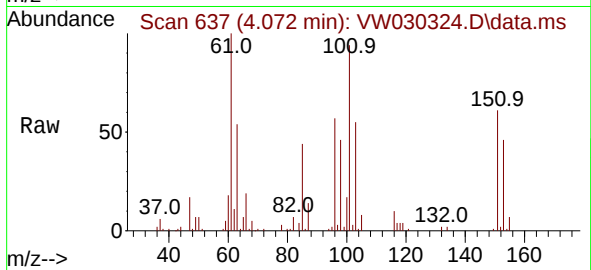
Tgt Ion:101 Resp: 48704

Ion Ratio Lower Upper

101 100

85 43.7 30.5 45.7

151 73.5 52.9 79.3



#12

1,1-Dichloroethene

Concen: 23.200 ug/L

RT: 4.048 min Scan# 633

Delta R.T. -0.003 min

Lab File: VW030324.D

Acq: 02 Oct 2024 13:28

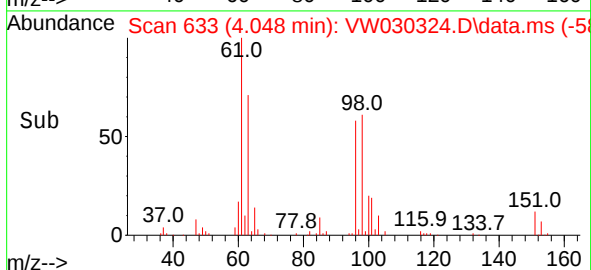
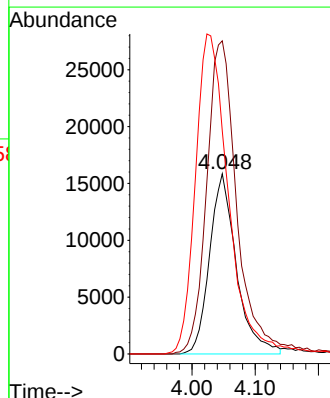
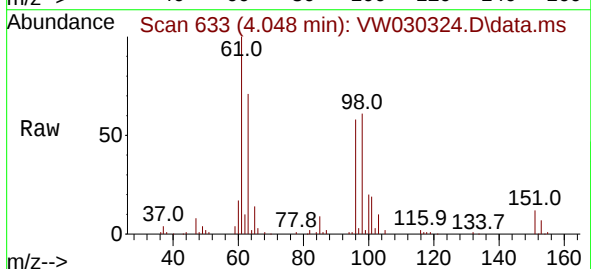
Tgt Ion: 96 Resp: 46745

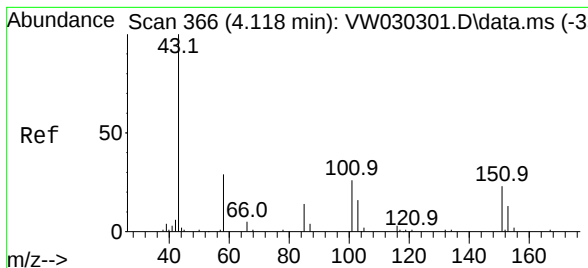
Ion Ratio Lower Upper

96 100

61 173.9 120.1 223.1

63 123.8 94.8 176.2





#13

Acetone

Concen: 55.224 ug/L

RT: 4.121 min Scan# 645

Delta R.T. -0.016 min

Lab File: VW030324.D

Acq: 02 Oct 2024 13:28

Instrument :

MSVOA_W

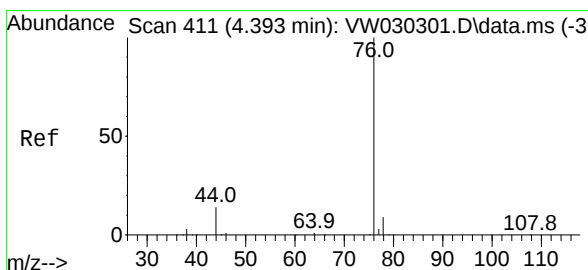
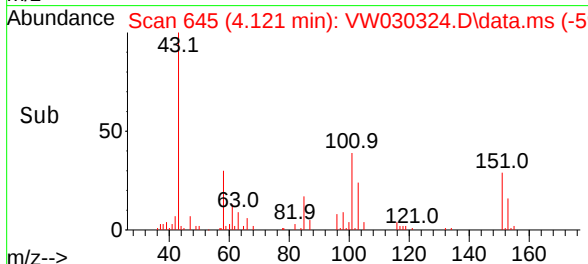
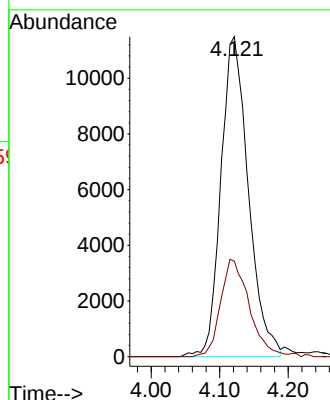
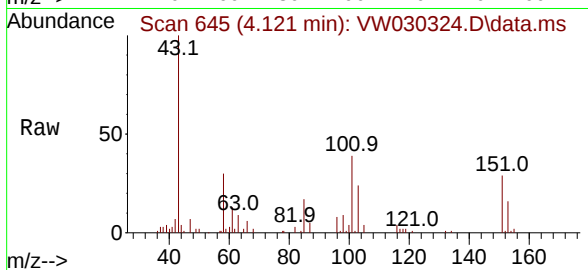
ClientSampleId :

Tgt Ion: 43 Resp: 31926

Ion Ratio Lower Upper

43 100

58 31.7 0.0 64.0



#14

Carbon disulfide

Concen: 22.907 ug/L

RT: 4.389 min Scan# 689

Delta R.T. 0.003 min

Lab File: VW030324.D

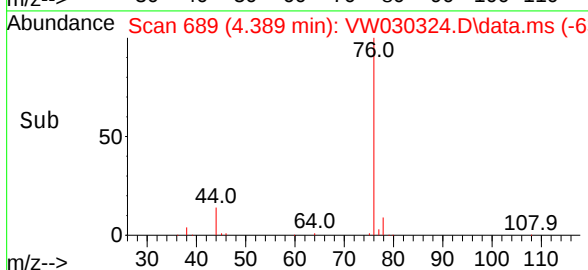
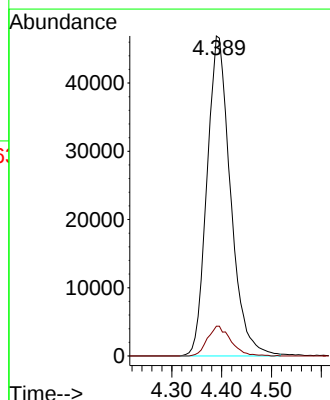
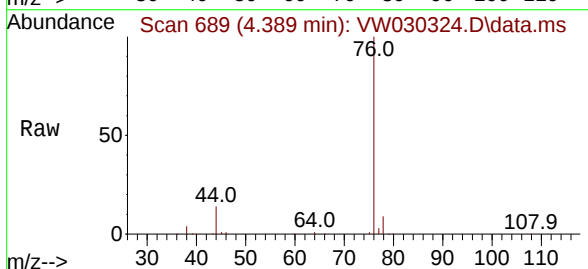
Acq: 02 Oct 2024 13:28

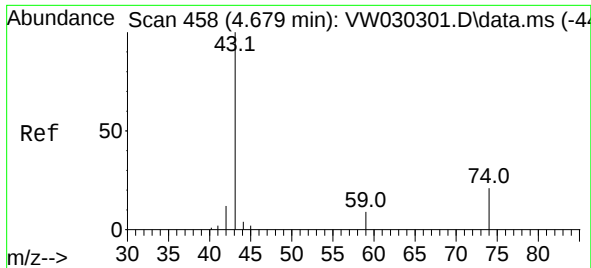
Tgt Ion: 76 Resp: 153486

Ion Ratio Lower Upper

76 100

78 9.3 6.8 10.2

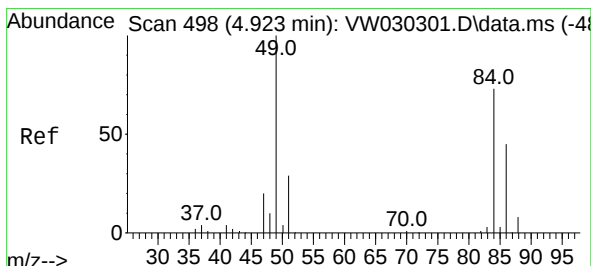
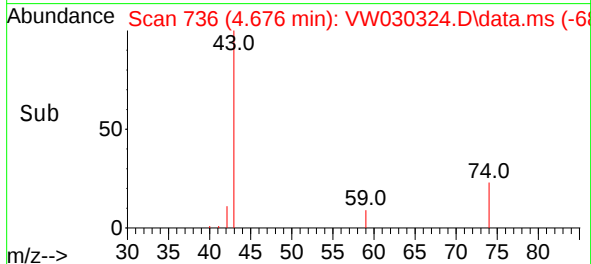
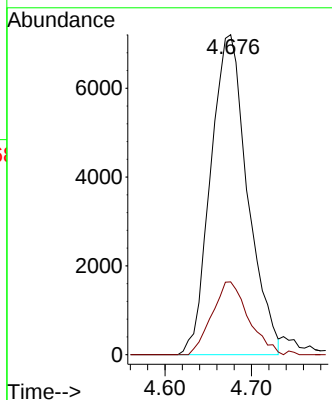
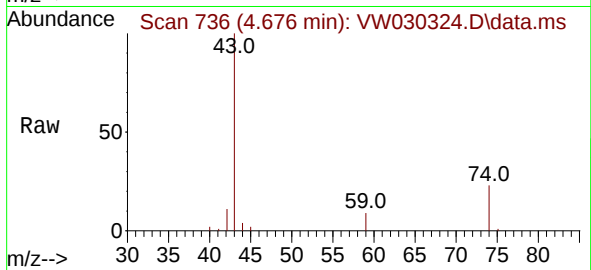




#15
Methyl Acetate
Concen: 22.663 ug/L
RT: 4.676 min Scan# 74
Delta R.T. 0.003 min
Lab File: VW030324.D
Acq: 02 Oct 2024 13:28

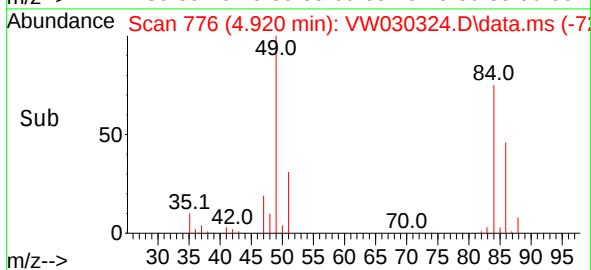
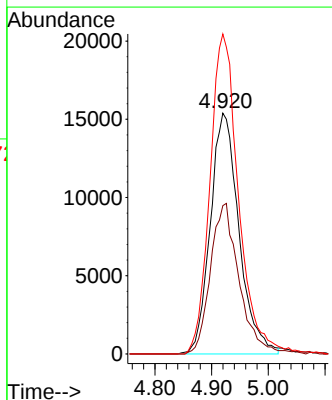
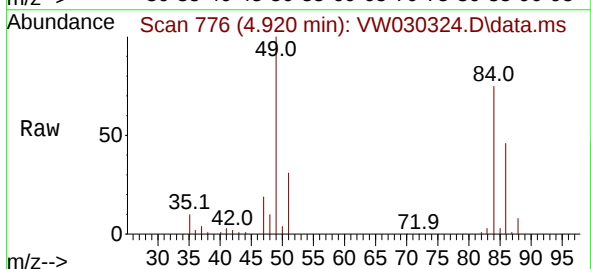
Instrument :
MSVOA_W
ClientSampleId :

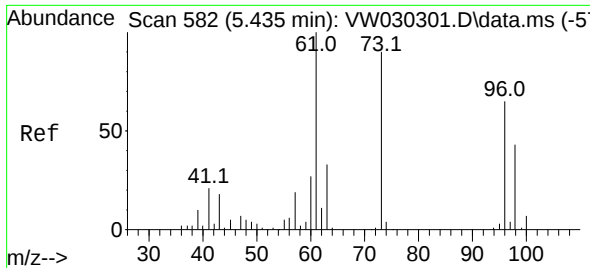
Tgt Ion: 43 Resp: 21370
Ion Ratio Lower Upper
43 100
74 22.4 19.8 29.6



#16
Methylene chloride
Concen: 20.268 ug/L
RT: 4.920 min Scan# 776
Delta R.T. 0.003 min
Lab File: VW030324.D
Acq: 02 Oct 2024 13:28

Tgt Ion: 84 Resp: 54100
Ion Ratio Lower Upper
84 100
86 61.6 44.8 83.2
49 132.9 83.6 155.2





#17

trans-1,2-Dichloroethene

Concen: 22.503 ug/L

RT: 5.432 min Scan# 8

Delta R.T. 0.003 min

Lab File: VW030324.D

Acq: 02 Oct 2024 13:28

Instrument :

MSVOA_W

ClientSampleId :

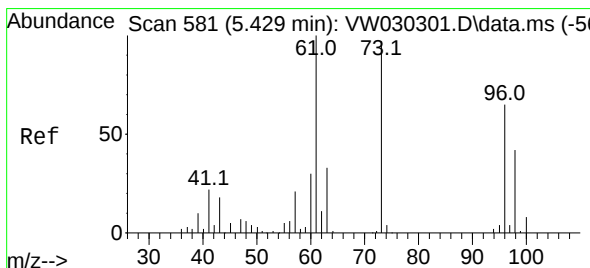
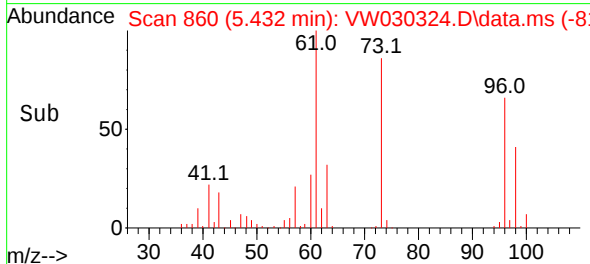
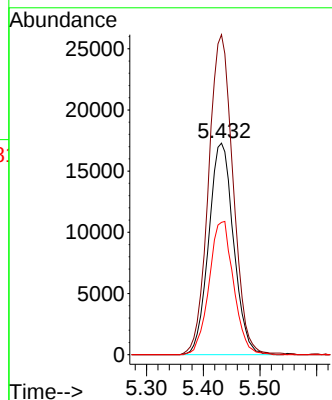
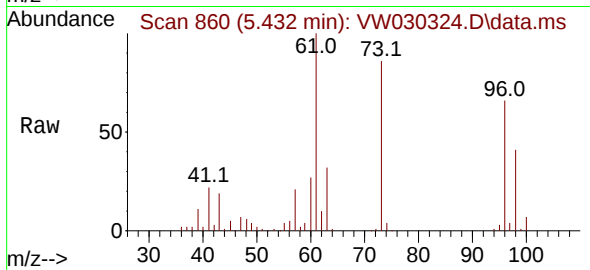
Tgt Ion: 96 Resp: 52634

Ion Ratio Lower Upper

96 100

61 151.3 100.3 186.3

98 62.6 46.3 86.1



#18

Methyl tert-butyl Ether

Concen: 22.053 ug/L

RT: 5.426 min Scan# 859

Delta R.T. -0.003 min

Lab File: VW030324.D

Acq: 02 Oct 2024 13:28

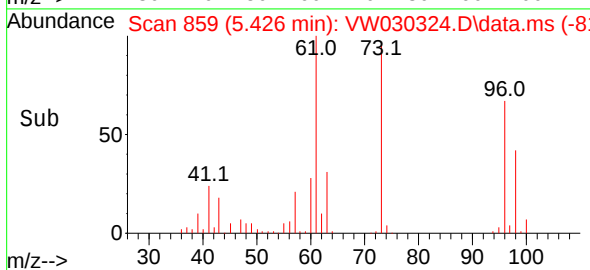
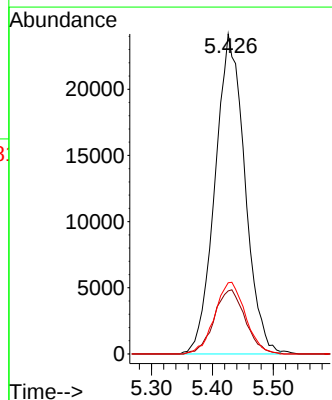
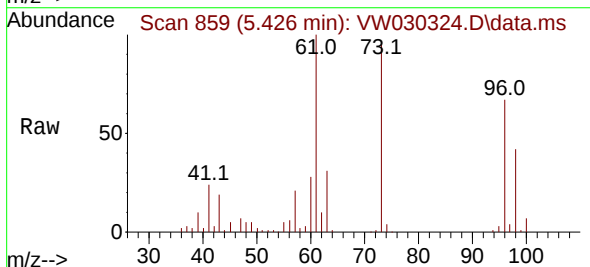
Tgt Ion: 73 Resp: 82041

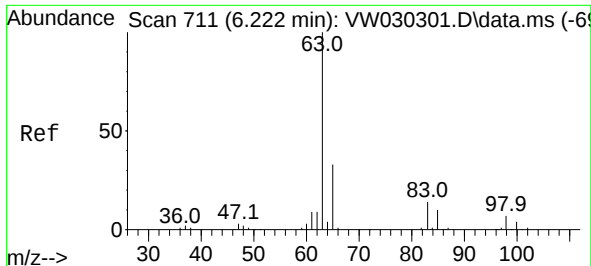
Ion Ratio Lower Upper

73 100

43 21.1 15.9 23.9

57 23.0 17.6 26.4





#19

1,1-Dichloroethane

Concen: 23.894 ug/L

RT: 6.218 min Scan# 91

Delta R.T. 0.003 min

Lab File: VW030324.D

Acq: 02 Oct 2024 13:28

Instrument :

MSVOA_W

ClientSampleId :

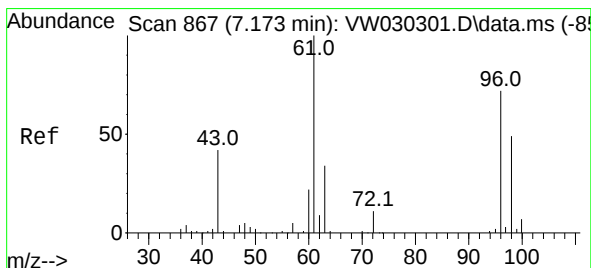
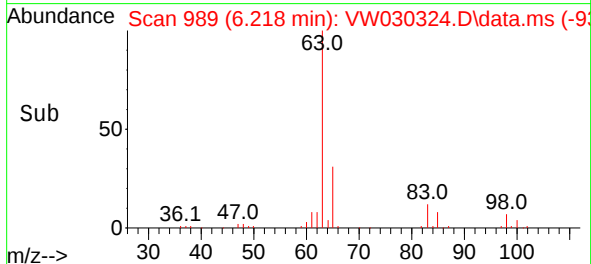
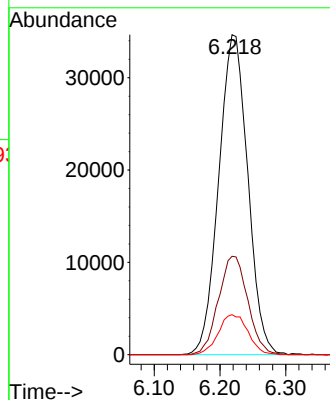
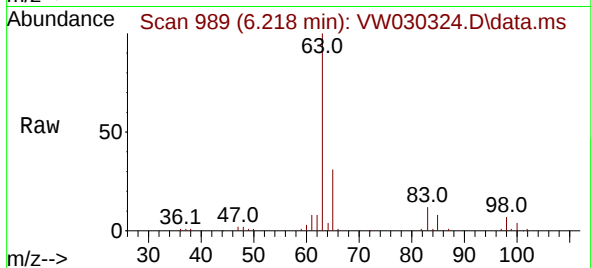
Tgt Ion: 63 Resp: 106430

Ion Ratio Lower Upper

63 100

65 30.8 20.7 38.5

83 12.5 9.9 18.3



#20

cis-1,2-Dichloroethene

Concen: 22.442 ug/L

RT: 7.169 min Scan# 1145

Delta R.T. -0.003 min

Lab File: VW030324.D

Acq: 02 Oct 2024 13:28

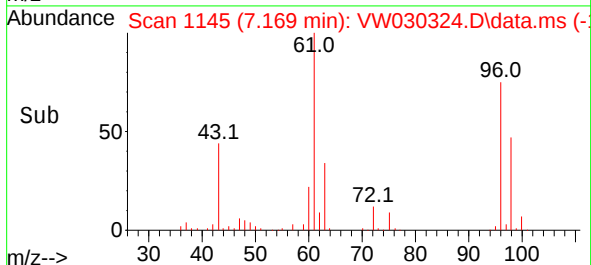
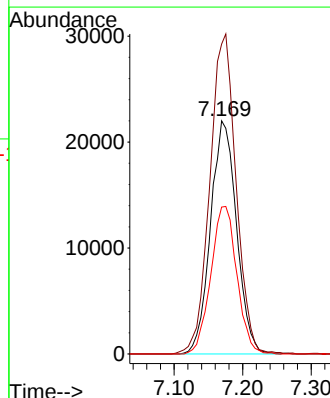
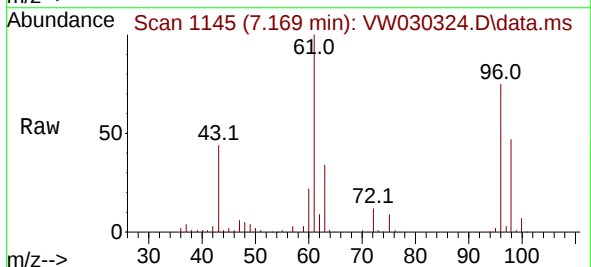
Tgt Ion: 96 Resp: 57995

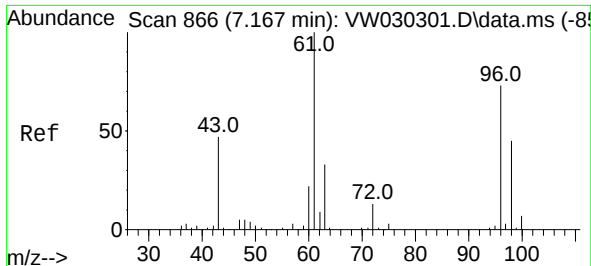
Ion Ratio Lower Upper

96 100

61 132.9 92.0 170.9

98 63.0 41.9 77.9





#22

2-Butanone

Concen: 48.078 ug/L

RT: 7.169 min Scan# 1145

Delta R.T. -0.003 min

Lab File: VW030324.D

Acq: 02 Oct 2024 13:28

Instrument :

MSVOA_W

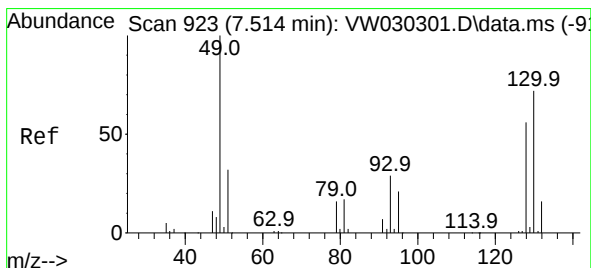
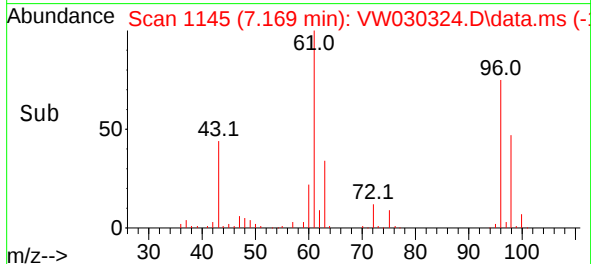
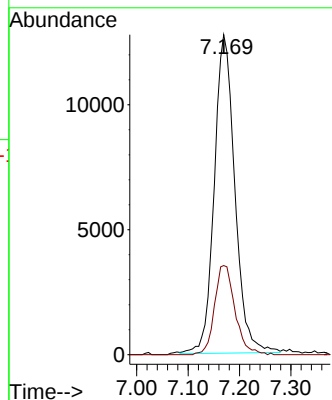
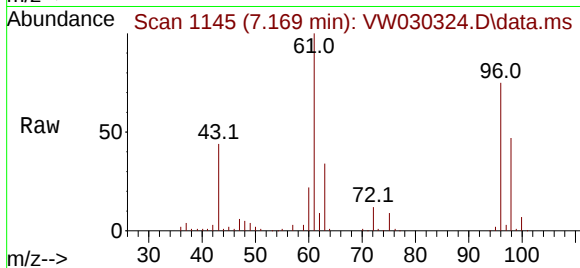
ClientSampleId :

Tgt Ion: 43 Resp: 35532

Ion Ratio Lower Upper

43 100

72 27.7 14.1 42.3



#23

Bromochloromethane

Concen: 21.355 ug/L

RT: 7.511 min Scan# 1201

Delta R.T. -0.009 min

Lab File: VW030324.D

Acq: 02 Oct 2024 13:28

Tgt Ion: 128 Resp: 24092

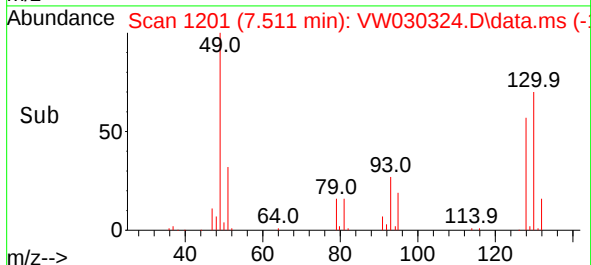
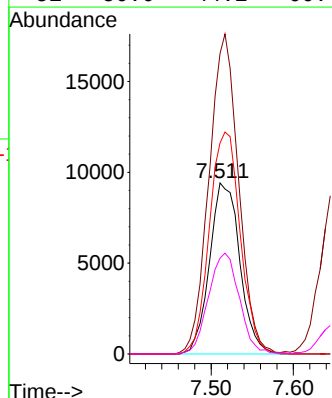
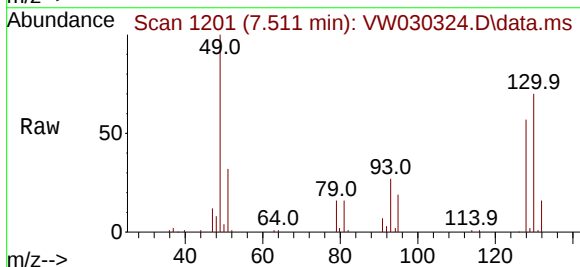
Ion Ratio Lower Upper

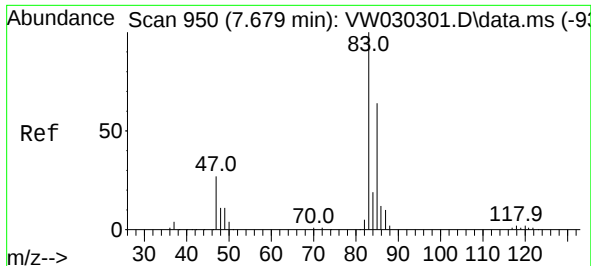
128 100

49 175.8 123.1 228.5

130 123.4 89.2 165.6

51 56.0 44.2 66.4





#25

Chloroform

Concen: 22.923 ug/L

RT: 7.675 min Scan# 11

Delta R.T. -0.003 min

Lab File: VW030324.D

Acq: 02 Oct 2024 13:28

Instrument :

MSVOA_W

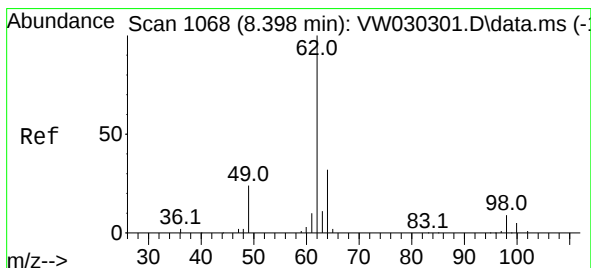
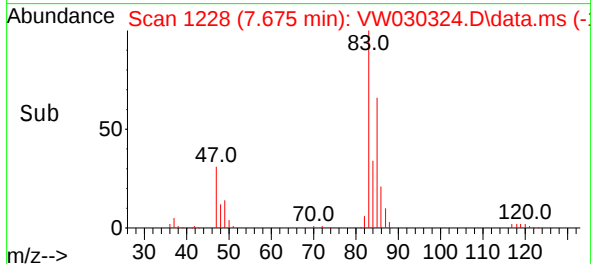
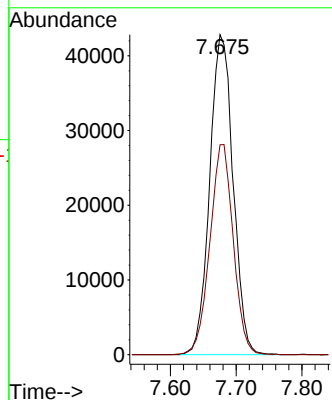
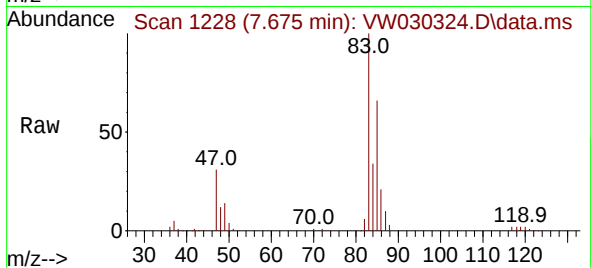
ClientSampleId :

Tgt Ion: 83 Resp: 105893

Ion Ratio Lower Upper

83 100

85 65.6 45.8 85.0



#27

1,2-Dichloroethane

Concen: 23.052 ug/L

RT: 8.401 min Scan# 1347

Delta R.T. 0.003 min

Lab File: VW030324.D

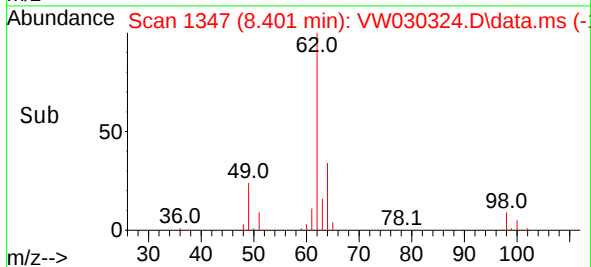
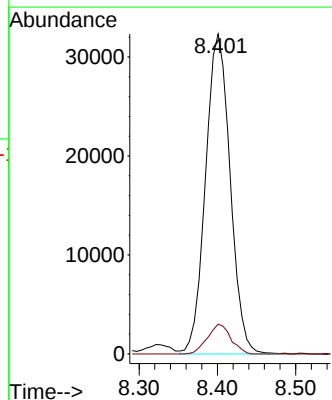
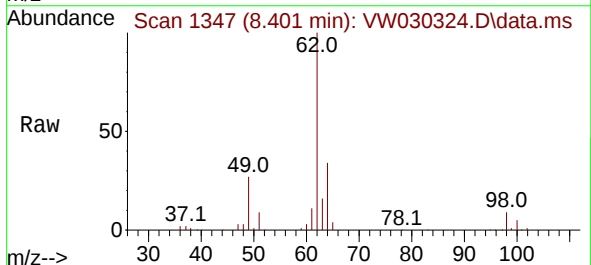
Acq: 02 Oct 2024 13:28

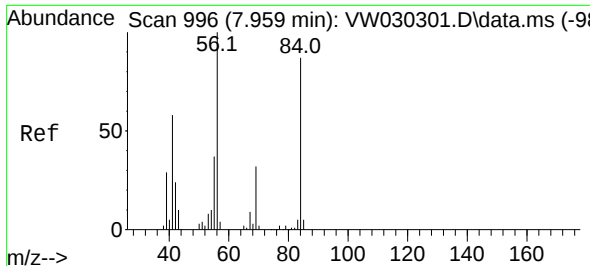
Tgt Ion: 62 Resp: 70620

Ion Ratio Lower Upper

62 100

98 9.3 7.0 10.6





#29

Cyclohexane

Concen: 26.079 ug/L

RT: 7.962 min Scan# 11

Delta R.T. 0.003 min

Lab File: VW030324.D

Acq: 02 Oct 2024 13:28

Instrument :

MSVOA_W

ClientSampleId :

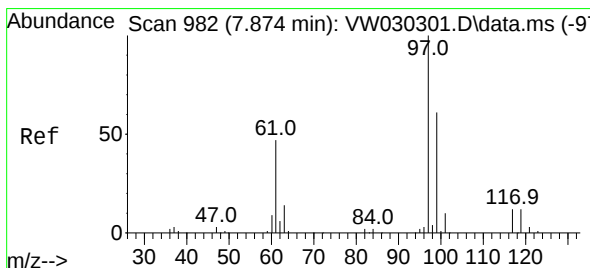
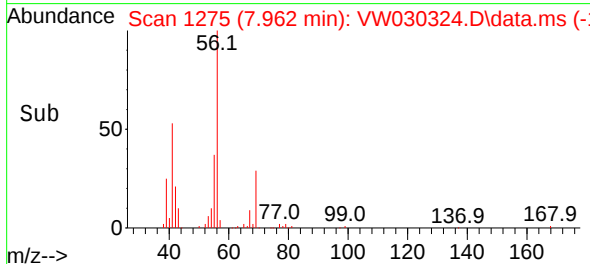
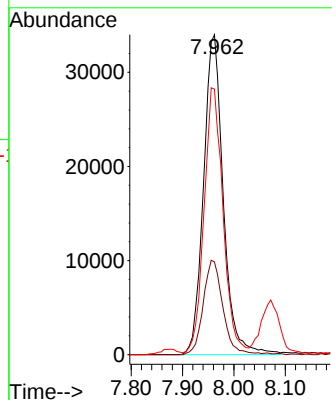
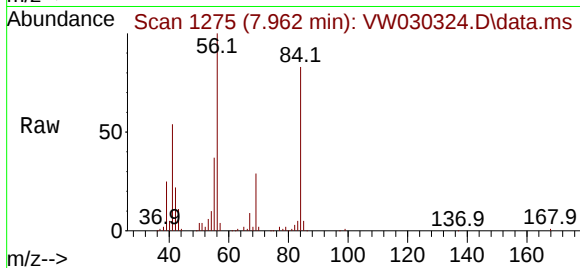
Tgt Ion: 56 Resp: 90669

Ion Ratio Lower Upper

56 100

69 29.1 24.5 36.7

84 80.5 67.5 101.3



#30

1,1,1-Trichloroethane

Concen: 24.176 ug/L

RT: 7.870 min Scan# 1260

Delta R.T. -0.003 min

Lab File: VW030324.D

Acq: 02 Oct 2024 13:28

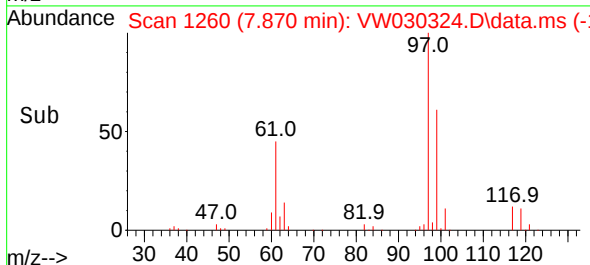
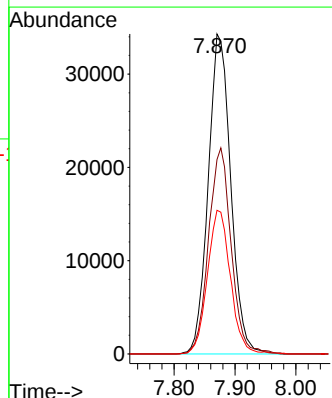
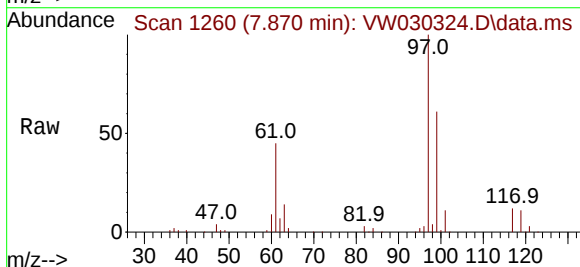
Tgt Ion: 97 Resp: 88329

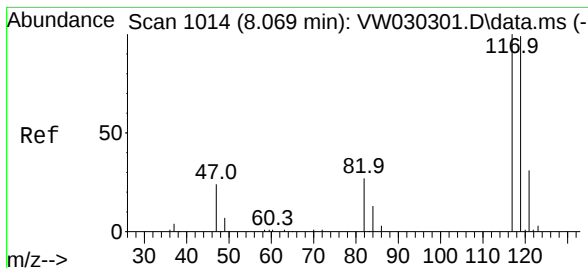
Ion Ratio Lower Upper

97 100

99 64.6 50.9 76.3

61 45.6 34.1 51.1





#31

Carbon tetrachloride

Concen: 24.950 ug/L

RT: 8.072 min Scan# 117

Delta R.T. 0.003 min

Lab File: VW030324.D

Acq: 02 Oct 2024 13:28

Instrument :

MSVOA_W

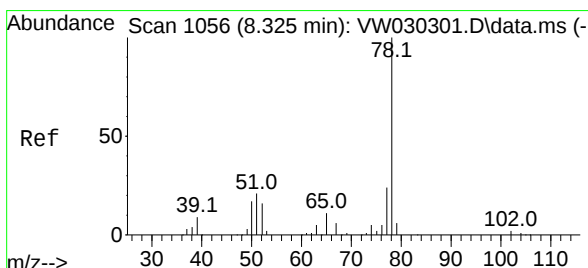
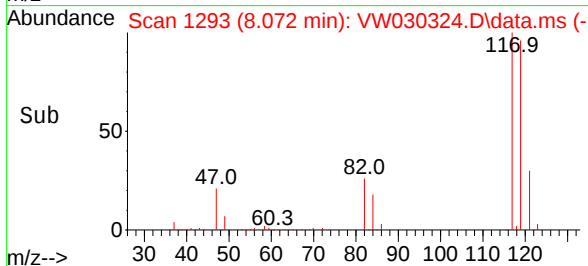
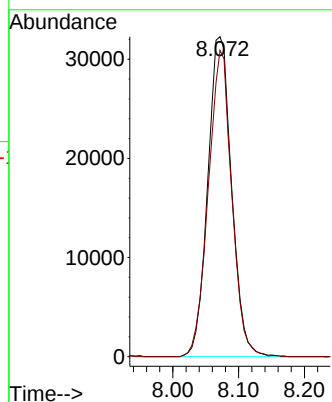
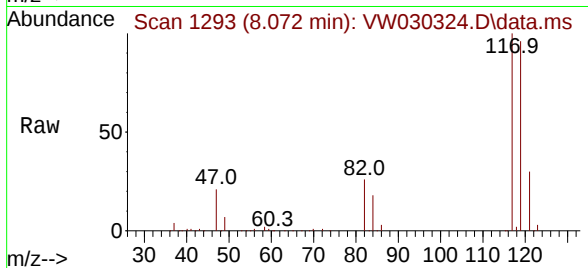
ClientSampleId :

Tgt Ion:117 Resp: 81470

Ion Ratio Lower Upper

117 100

119 93.8 75.5 113.3



#33

Benzene

Concen: 23.602 ug/L

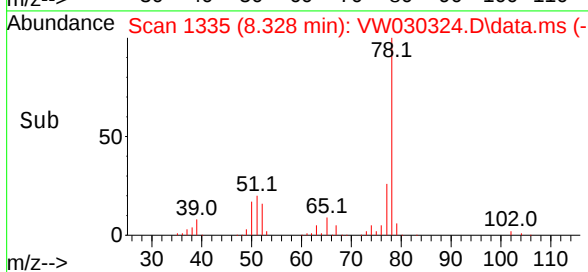
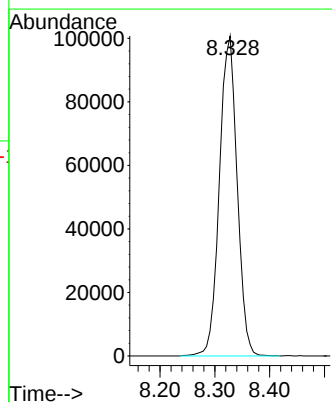
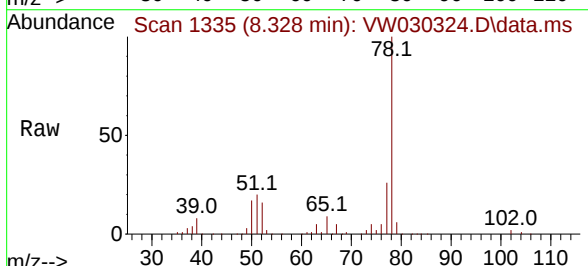
RT: 8.328 min Scan# 1335

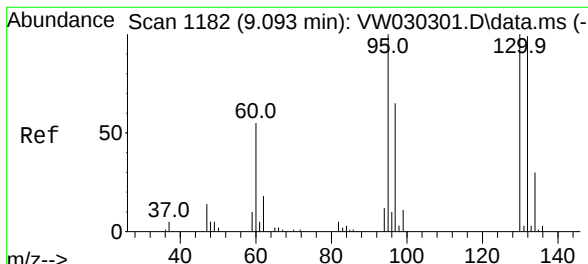
Delta R.T. 0.003 min

Lab File: VW030324.D

Acq: 02 Oct 2024 13:28

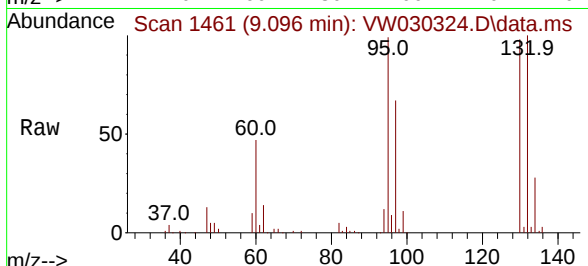
Tgt Ion: 78 Resp: 226730





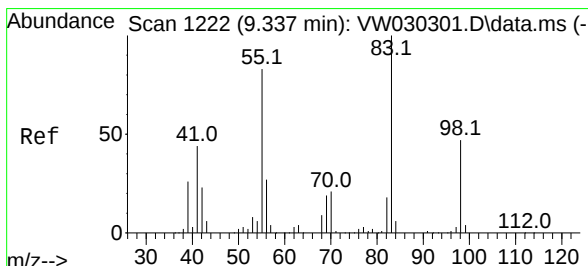
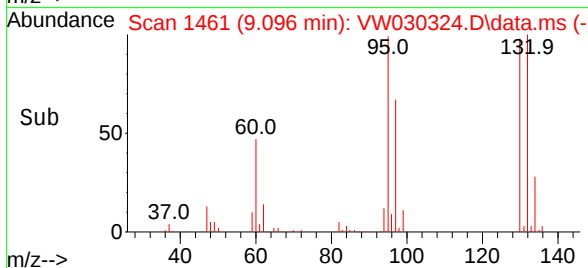
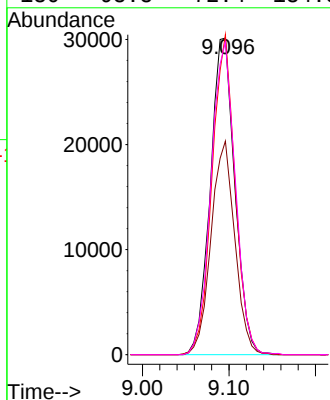
#34
 Trichloroethene
 Concen: 23.210 ug/L
 RT: 9.096 min Scan# 1461
 Delta R.T. 0.003 min
 Lab File: VW030324.D
 Acq: 02 Oct 2024 13:28

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 95 Resp: 59307

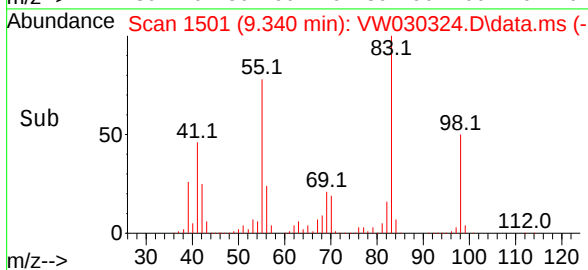
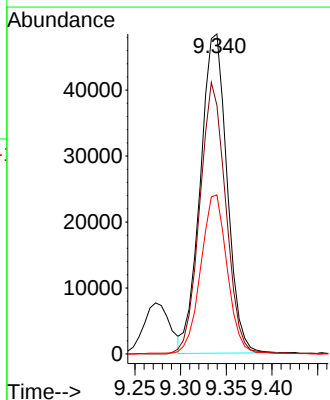
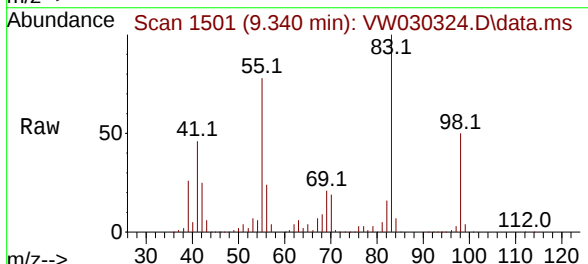
Ion	Ratio	Lower	Upper
95	100		
97	67.5	47.5	88.1
132	101.0	66.7	123.9
130	98.8	72.4	134.5

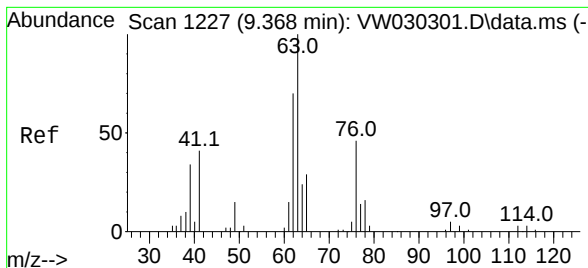


#35
 Methylcyclohexane
 Concen: 25.059 ug/L
 RT: 9.340 min Scan# 1501
 Delta R.T. 0.003 min
 Lab File: VW030324.D
 Acq: 02 Oct 2024 13:28

Tgt Ion: 83 Resp: 98267

Ion	Ratio	Lower	Upper
83	100		
55	83.0	61.7	92.5
98	49.4	37.2	55.8





#37

1,2-Dichloropropane

Concen: 24.201 ug/L

RT: 9.370 min Scan# 1551

Delta R.T. 0.003 min

Lab File: VW030324.D

Acq: 02 Oct 2024 13:28

Instrument :

MSVOA_W

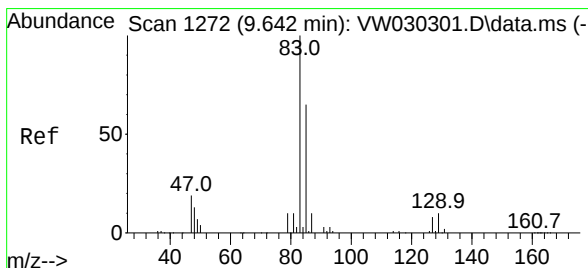
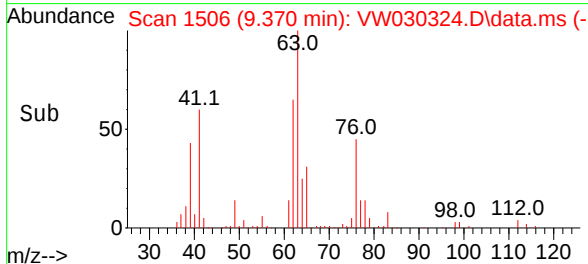
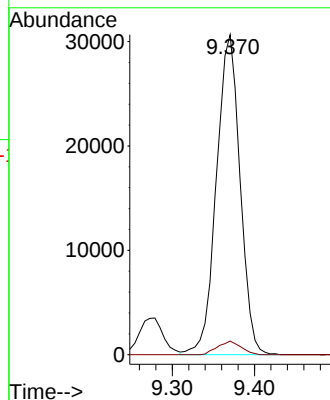
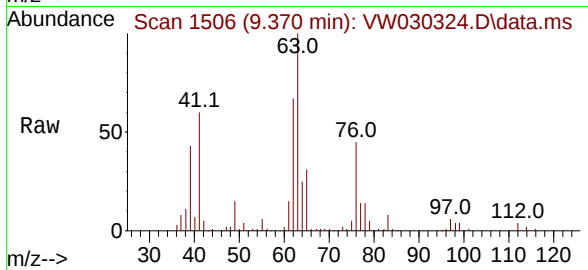
ClientSampleId :

Tgt Ion: 63 Resp: 61339

Ion Ratio Lower Upper

63 100

112 4.2 3.4 5.2



#38

Bromodichloromethane

Concen: 23.674 ug/L

RT: 9.645 min Scan# 1551

Delta R.T. 0.003 min

Lab File: VW030324.D

Acq: 02 Oct 2024 13:28

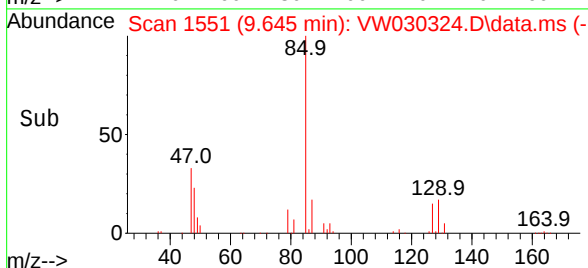
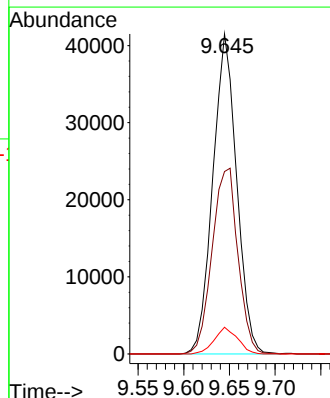
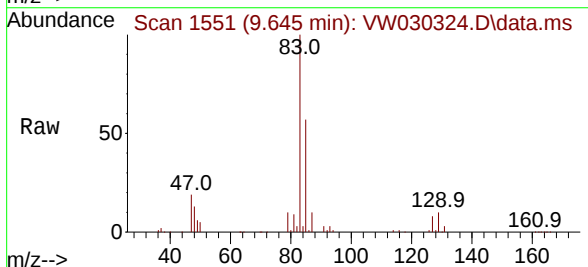
Tgt Ion: 83 Resp: 75336

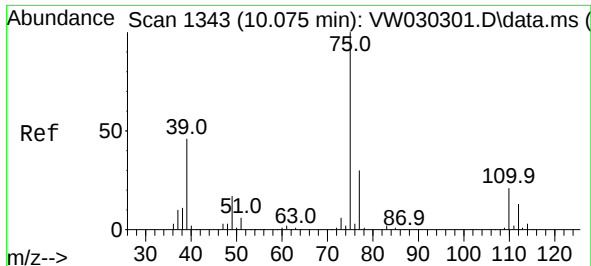
Ion Ratio Lower Upper

83 100

85 57.0 43.5 80.7

127 8.4 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 23.866 ug/L

RT: 10.071 min Scan# 1

Delta R.T. -0.003 min

Lab File: VW030324.D

Acq: 02 Oct 2024 13:28

Instrument :

MSVOA_W

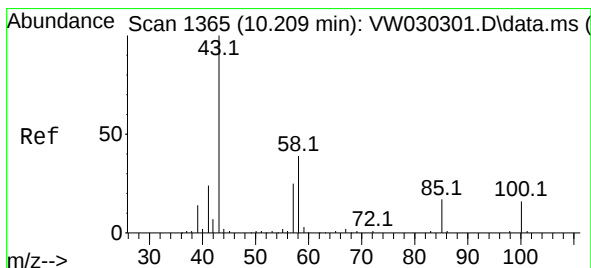
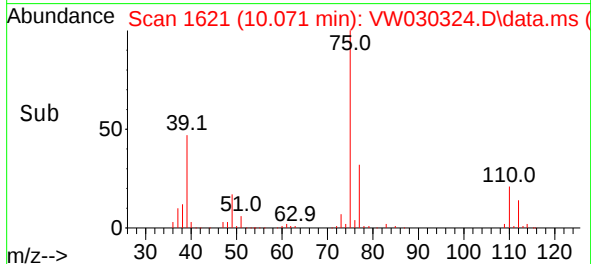
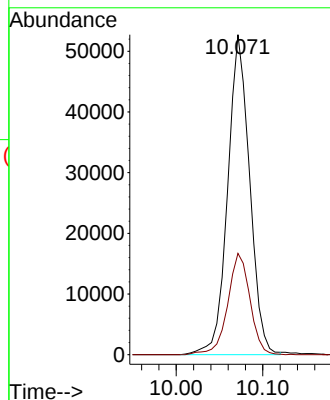
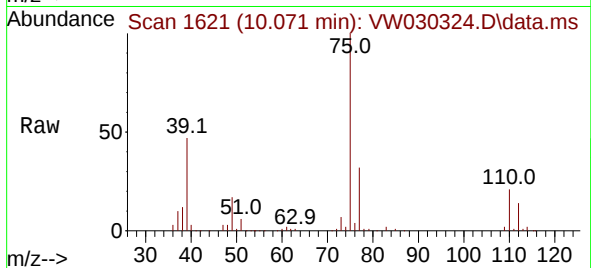
ClientSampleId :

Tgt Ion: 75 Resp: 92754

Ion Ratio Lower Upper

75 100

77 31.7 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 47.893 ug/L

RT: 10.211 min Scan# 1644

Delta R.T. 0.003 min

Lab File: VW030324.D

Acq: 02 Oct 2024 13:28

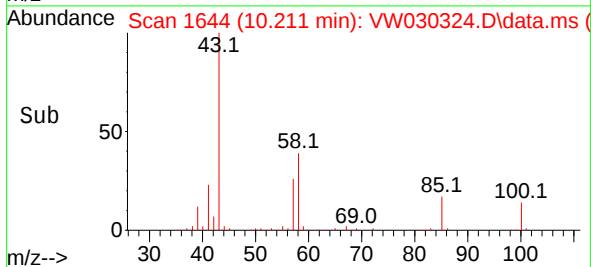
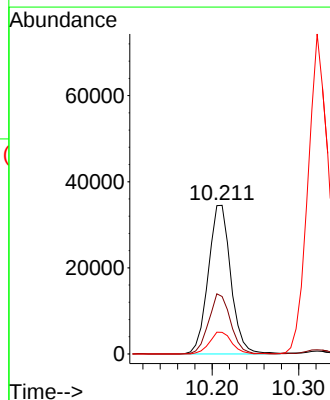
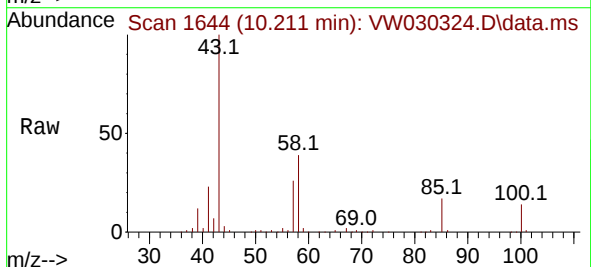
Tgt Ion: 43 Resp: 62437

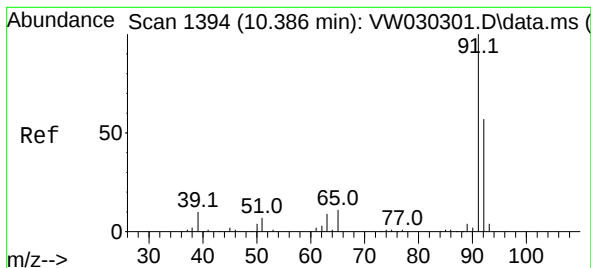
Ion Ratio Lower Upper

43 100

58 39.1 32.6 48.8

100 14.5 12.5 18.7





#42

Toluene

Concen: 23.679 ug/L

RT: 10.388 min Scan# 1

Delta R.T. 0.003 min

Lab File: VW030324.D

Acq: 02 Oct 2024 13:28

Instrument :

MSVOA_W

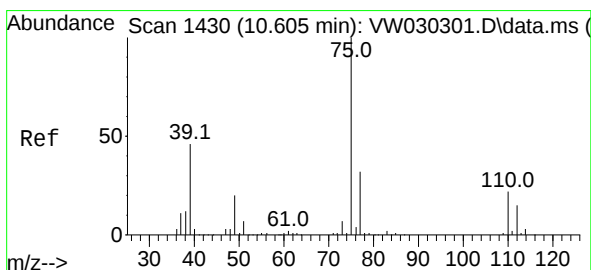
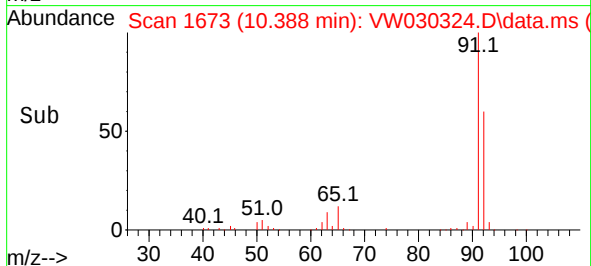
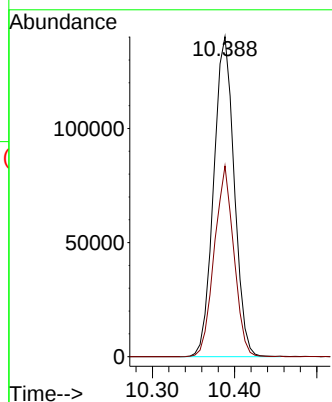
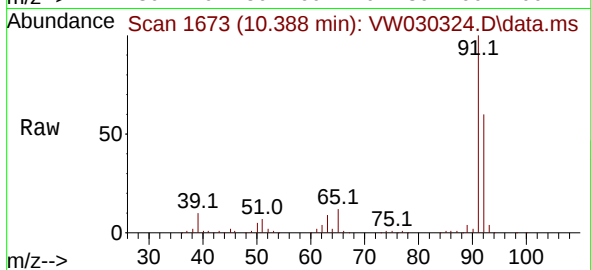
ClientSampleId :

Tgt Ion: 91 Resp: 243520

Ion Ratio Lower Upper

91 100

92 59.6 42.3 78.5



#44

trans-1,3-Dichloropropene

Concen: 23.946 ug/L

RT: 10.608 min Scan# 1709

Delta R.T. 0.003 min

Lab File: VW030324.D

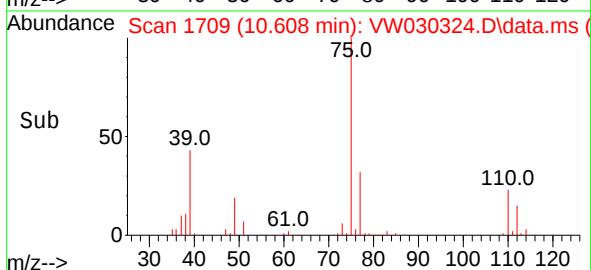
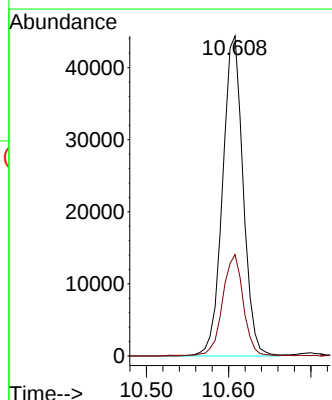
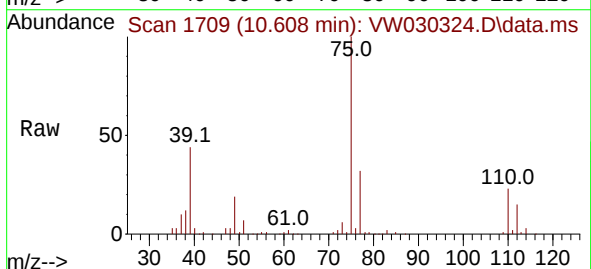
Acq: 02 Oct 2024 13:28

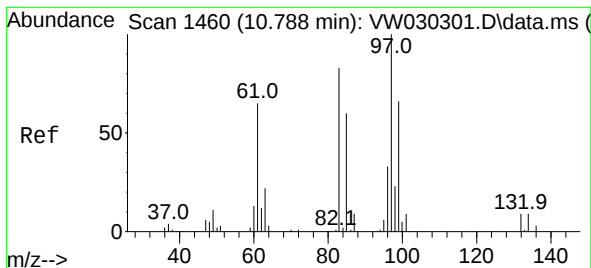
Tgt Ion: 75 Resp: 77115

Ion Ratio Lower Upper

75 100

77 31.7 20.8 38.6





#45

1,1,2-Trichloroethane

Concen: 22.294 ug/L

RT: 10.791 min Scan# 1

Delta R.T. 0.009 min

Lab File: VW030324.D

Acq: 02 Oct 2024 13:28

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 39820

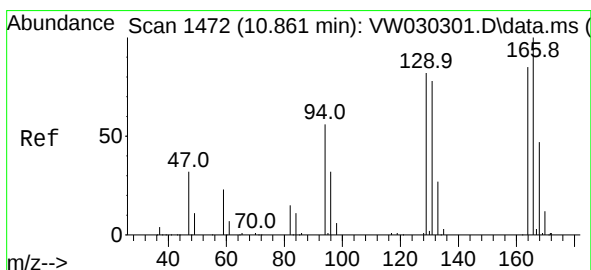
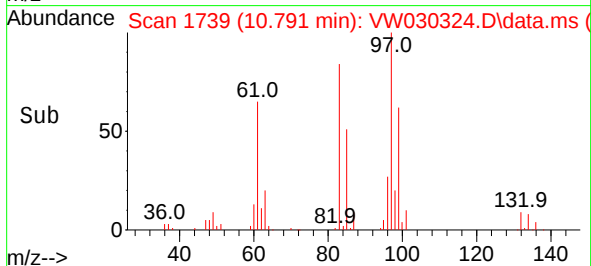
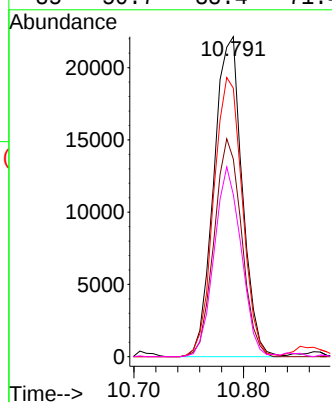
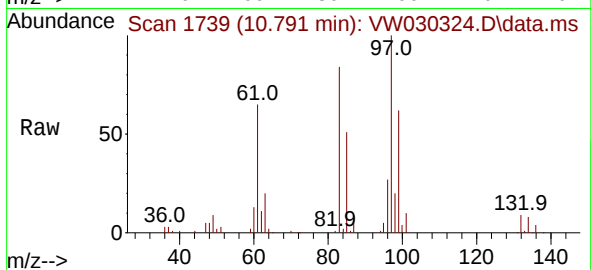
Ion Ratio Lower Upper

97 100

99 61.7 40.8 75.8

83 83.9 59.1 109.7

85 50.7 38.4 71.4



#46

Tetrachloroethene

Concen: 23.286 ug/L

RT: 10.864 min Scan# 1751

Delta R.T. 0.003 min

Lab File: VW030324.D

Acq: 02 Oct 2024 13:28

Tgt Ion:164 Resp: 44505

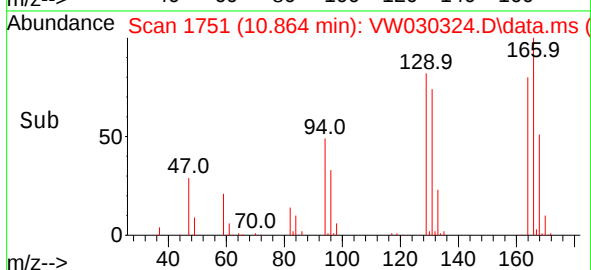
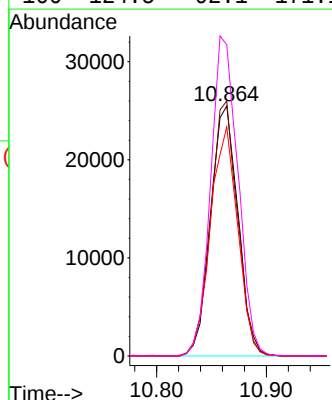
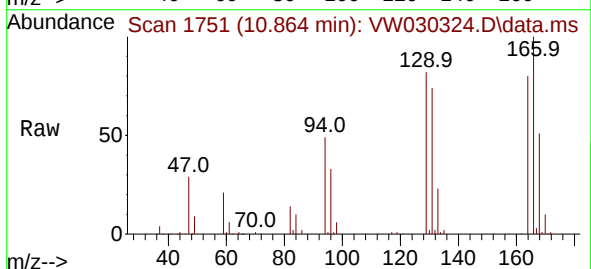
Ion Ratio Lower Upper

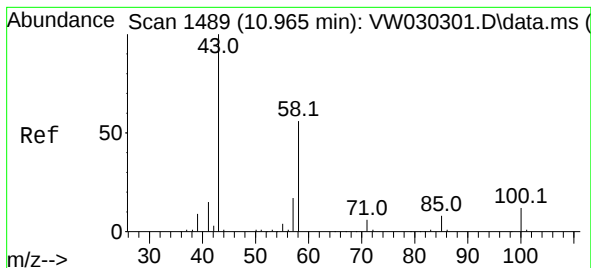
164 100

129 102.1 67.2 124.8

131 91.6 65.9 122.3

166 124.5 92.1 171.1





#48

2-Hexanone

Concen: 53.053 ug/L

RT: 10.967 min Scan# 1

Delta R.T. 0.003 min

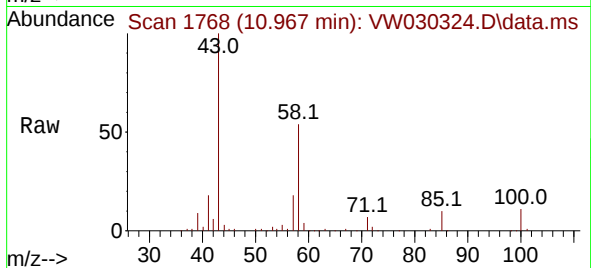
Lab File: VW030324.D

Acq: 02 Oct 2024 13:28

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 50929

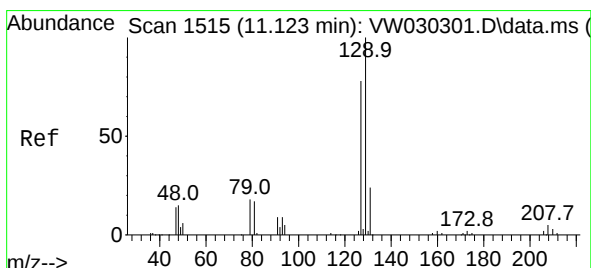
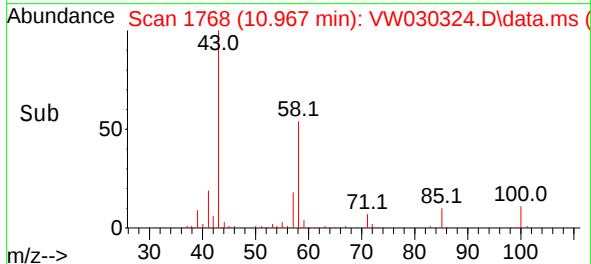
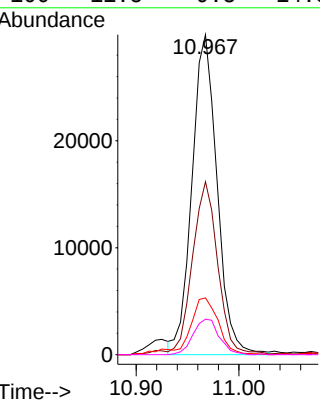
Ion Ratio Lower Upper

43 100

58 54.1 46.1 69.1

57 18.9 15.3 22.9

100 11.5 9.8 14.8



#49

Dibromochloromethane

Concen: 22.578 ug/L

RT: 11.126 min Scan# 1794

Delta R.T. -0.003 min

Lab File: VW030324.D

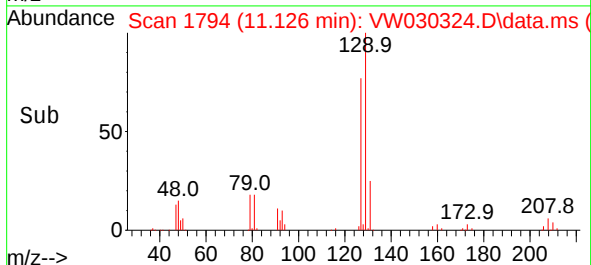
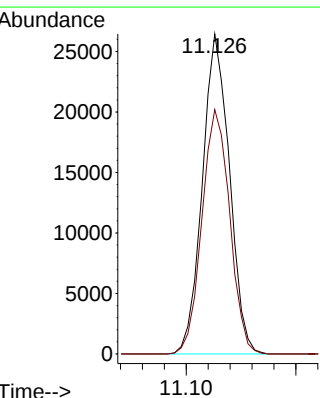
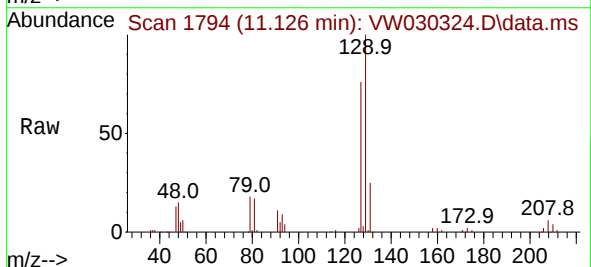
Acq: 02 Oct 2024 13:28

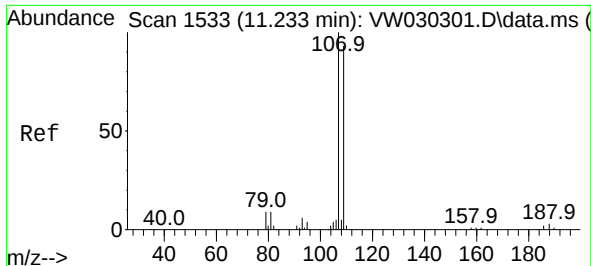
Tgt Ion:129 Resp: 45384

Ion Ratio Lower Upper

129 100

127 76.3 57.2 106.2





#50

1,2-Dibromoethane

Concen: 21.906 ug/L

RT: 11.236 min Scan# 11

Delta R.T. 0.003 min

Lab File: VW030324.D

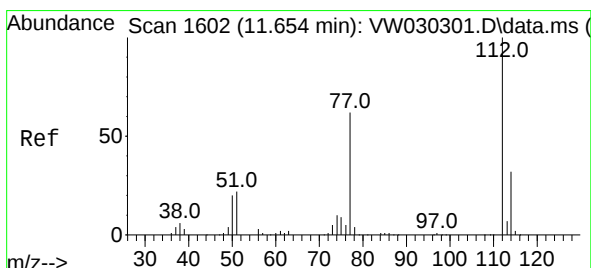
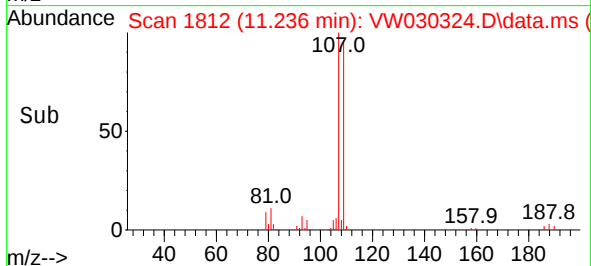
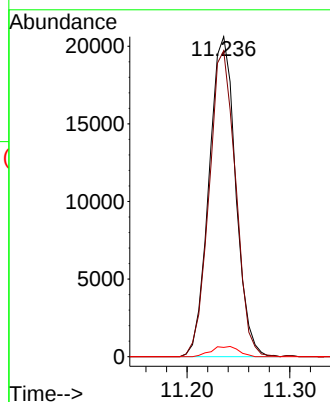
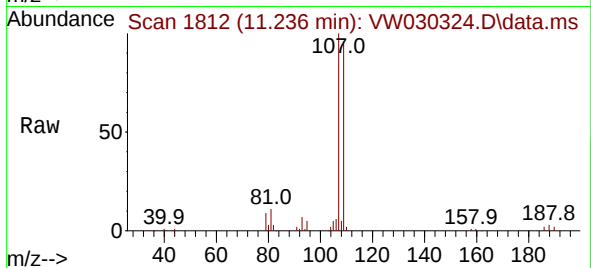
Acq: 02 Oct 2024 13:28

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:107	Resp:	37023
Ion Ratio	Lower	Upper
107	100	
109	95.6	67.8 125.8
188	2.9	2.9 4.3



#51

Chlorobenzene

Concen: 22.755 ug/L

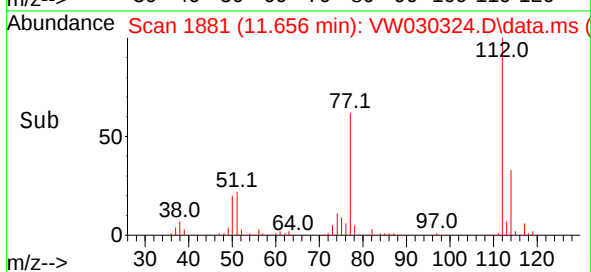
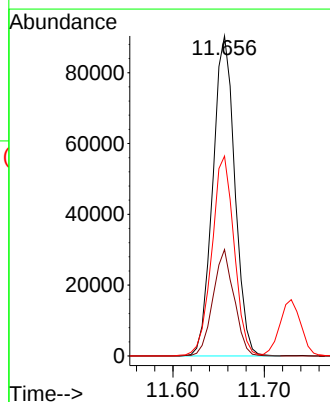
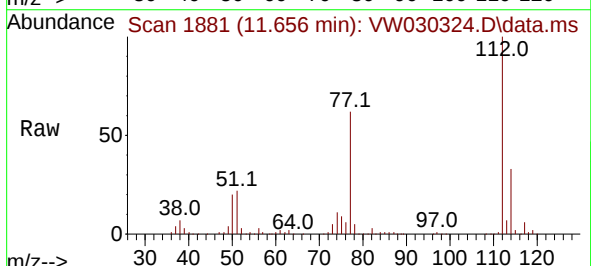
RT: 11.656 min Scan# 1881

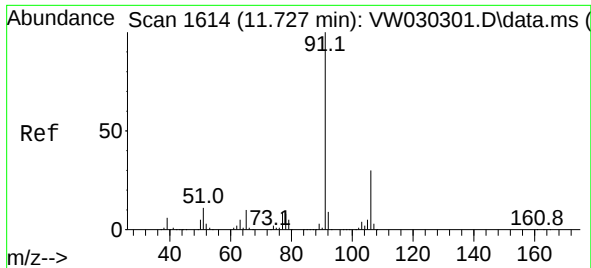
Delta R.T. 0.003 min

Lab File: VW030324.D

Acq: 02 Oct 2024 13:28

Tgt Ion:112	Resp:	151229
Ion Ratio	Lower	Upper
112	100	
114	33.2	21.5 39.9
77	62.5	46.7 70.1

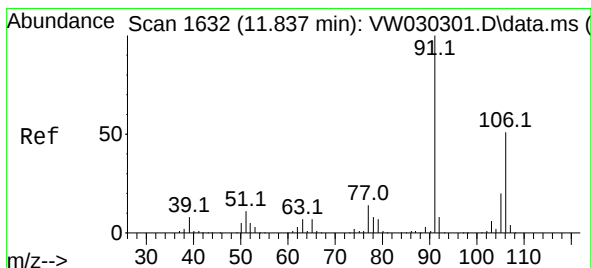
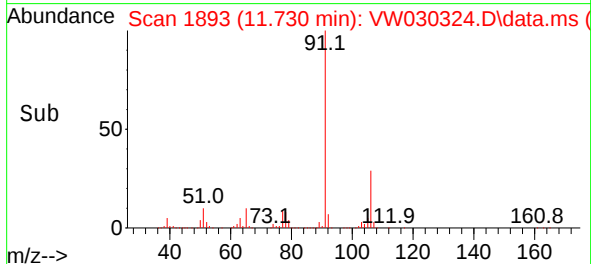
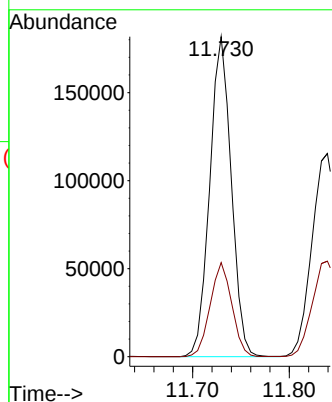
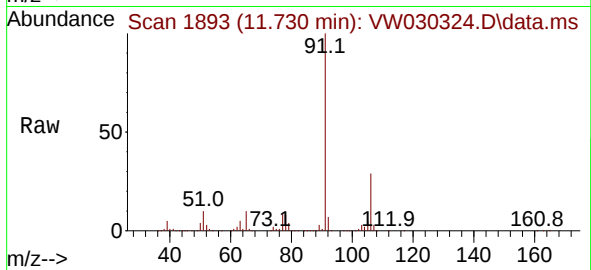




#52
Ethylbenzene
Concen: 24.137 ug/L
RT: 11.730 min Scan# 11
Delta R.T. 0.003 min
Lab File: VW030324.D
Acq: 02 Oct 2024 13:28

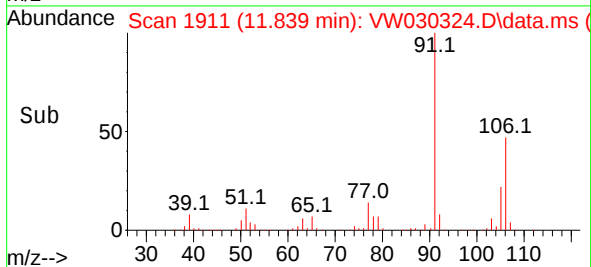
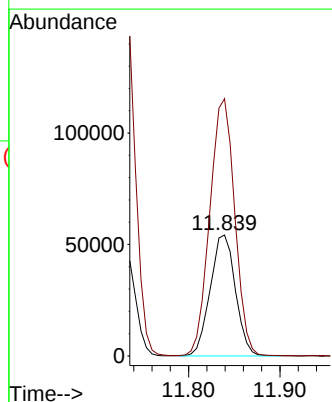
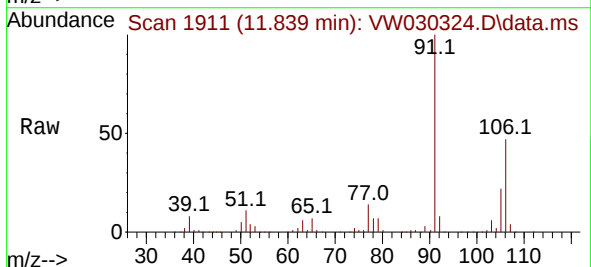
Instrument :
MSVOA_W
ClientSampleId :

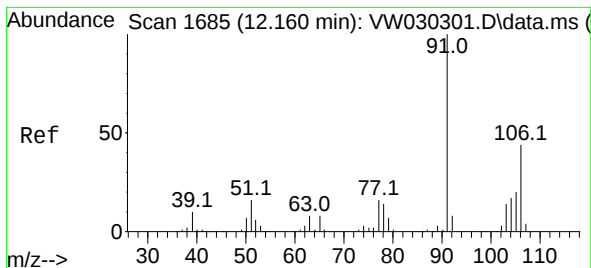
Tgt Ion: 91 Resp: 281213
Ion Ratio Lower Upper
91 100
106 29.4 21.8 40.6



#53
m,p-Xylene
Concen: 23.923 ug/L
RT: 11.839 min Scan# 1911
Delta R.T. 0.003 min
Lab File: VW030324.D
Acq: 02 Oct 2024 13:28

Tgt Ion:106 Resp: 104044
Ion Ratio Lower Upper
106 100
91 212.7 144.4 268.2





#54

o-Xylene

Concen: 23.892 ug/L

RT: 12.162 min Scan# 1

Delta R.T. -0.003 min

Lab File: VW030324.D

Acq: 02 Oct 2024 13:28

Instrument :

MSVOA_W

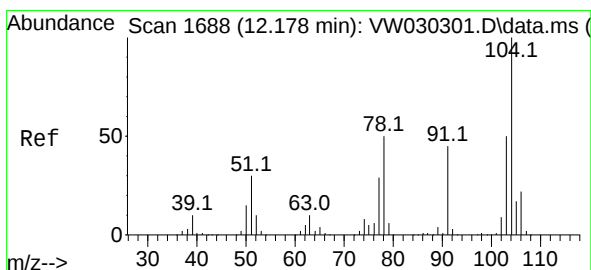
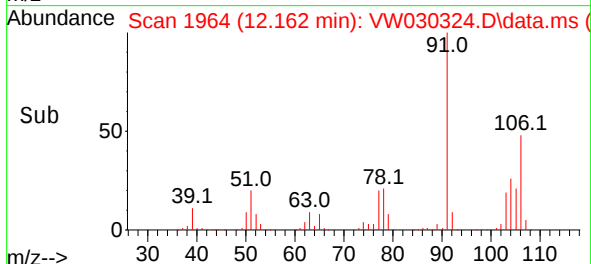
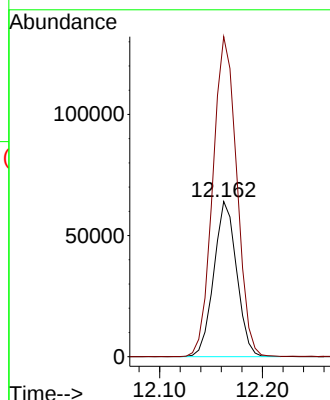
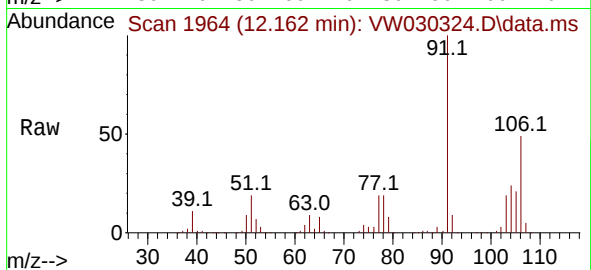
ClientSampleId :

Tgt Ion:106 Resp: 98904

Ion Ratio Lower Upper

106 100

91 206.1 153.6 285.2



#55

Styrene

Concen: 23.808 ug/L

RT: 12.181 min Scan# 1967

Delta R.T. 0.003 min

Lab File: VW030324.D

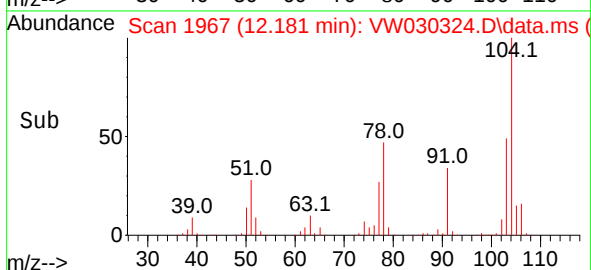
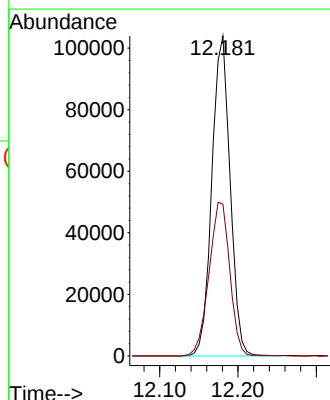
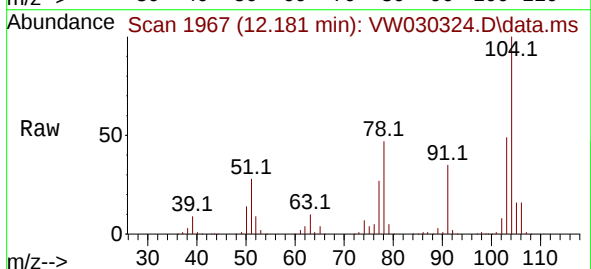
Acq: 02 Oct 2024 13:28

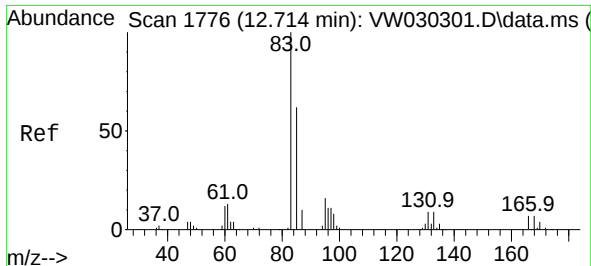
Tgt Ion:104 Resp: 168127

Ion Ratio Lower Upper

104 100

78 47.4 34.6 64.3

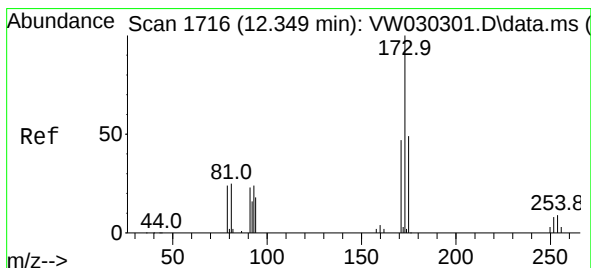
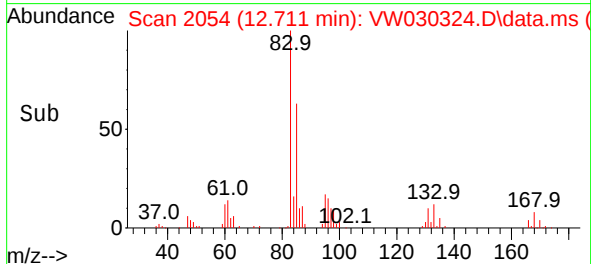
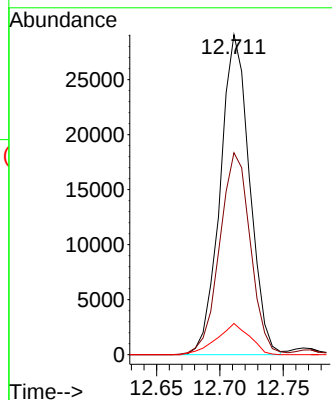
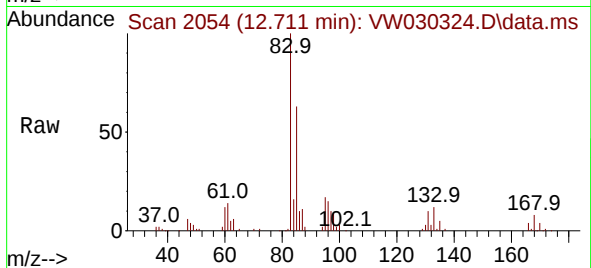




#57
1,1,2,2-Tetrachloroethane
Concen: 22.461 ug/L
RT: 12.711 min Scan# 2054
Delta R.T. -0.003 min
Lab File: VW030324.D
Acq: 02 Oct 2024 13:28

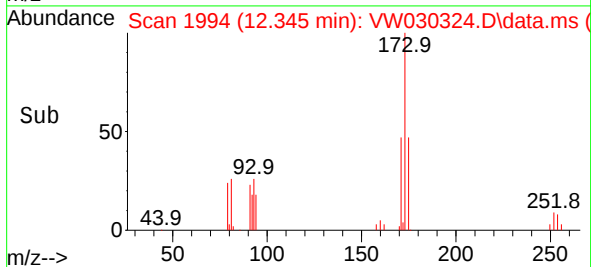
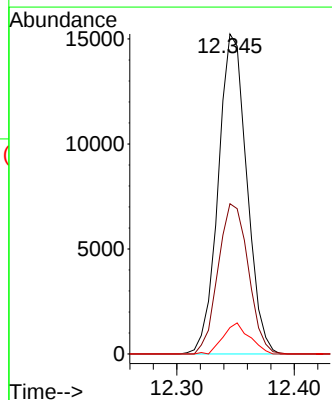
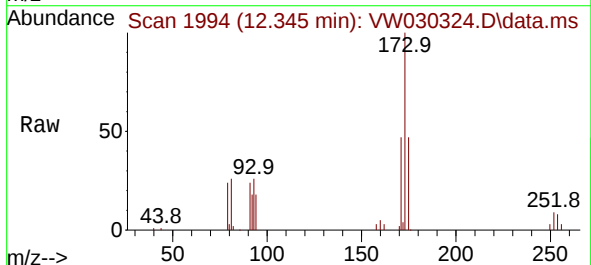
Instrument :
MSVOA_W
ClientSampleId :

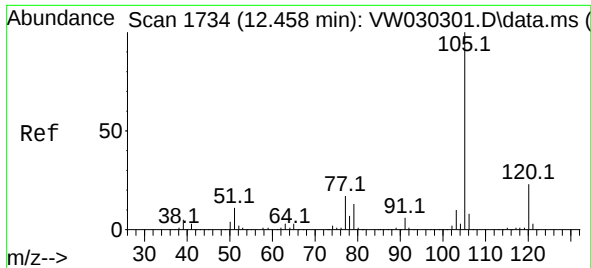
Tgt Ion: 83 Resp: 46987
Ion Ratio Lower Upper
83 100
85 63.1 43.9 81.5
131 9.8 7.1 10.7



#59
Bromoform
Concen: 22.990 ug/L
RT: 12.345 min Scan# 1994
Delta R.T. -0.003 min
Lab File: VW030324.D
Acq: 02 Oct 2024 13:28

Tgt Ion:173 Resp: 25717
Ion Ratio Lower Upper
173 100
175 49.8 38.7 58.1
254 8.9 7.4 11.2

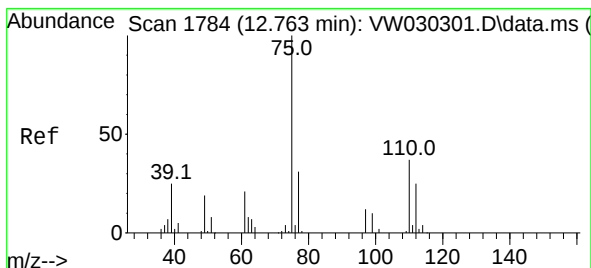
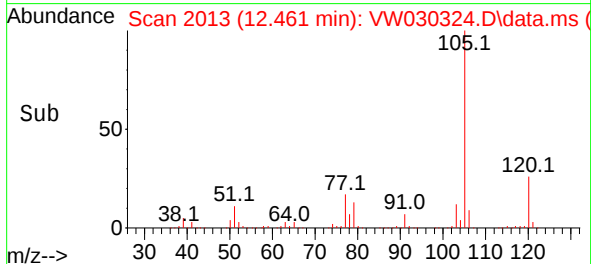
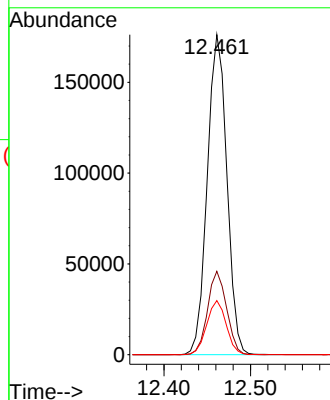
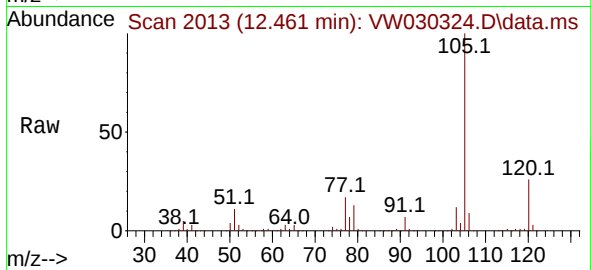




#60
Isopropylbenzene
Concen: 25.271 ug/L
RT: 12.461 min Scan# 2063
Delta R.T. -0.003 min
Lab File: VW030324.D
Acq: 02 Oct 2024 13:28

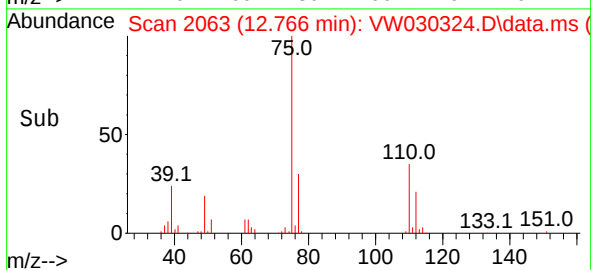
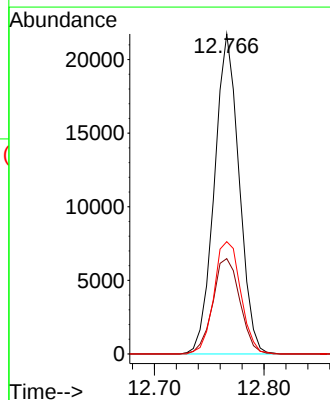
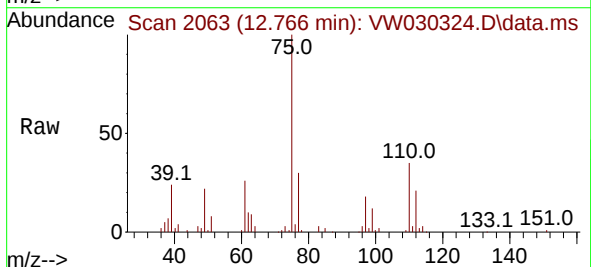
Instrument :
MSVOA_W
ClientSampleId :

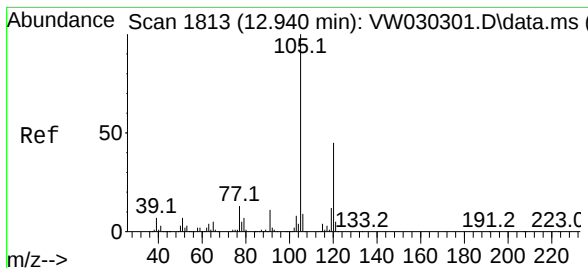
Tgt Ion:105 Resp: 276955
Ion Ratio Lower Upper
105 100
120 25.3 21.2 31.8
77 16.9 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 23.211 ug/L
RT: 12.766 min Scan# 2063
Delta R.T. -0.003 min
Lab File: VW030324.D
Acq: 02 Oct 2024 13:28

Tgt Ion: 75 Resp: 34070
Ion Ratio Lower Upper
75 100
77 32.9 25.4 38.2
110 38.0 30.8 46.2





#62

1,3,5-Trimethylbenzene

Concen: 25.467 ug/L

RT: 12.943 min Scan# 2142

Delta R.T. 0.003 min

Lab File: VW030324.D

Acq: 02 Oct 2024 13:28

Instrument :

MSVOA_W

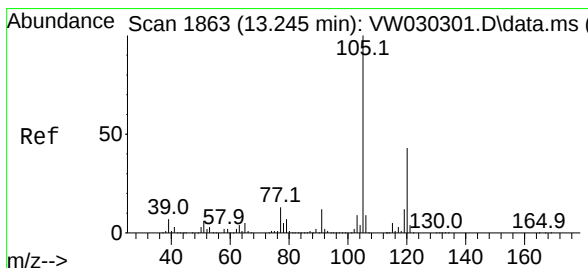
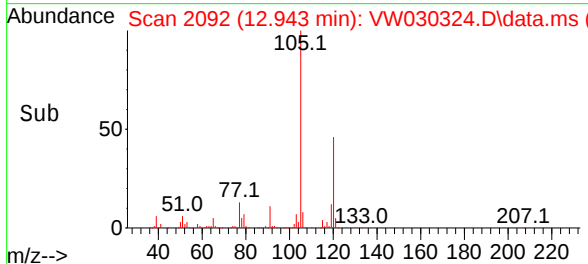
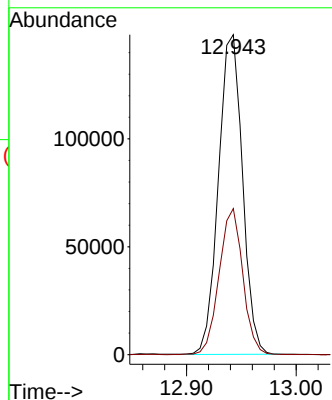
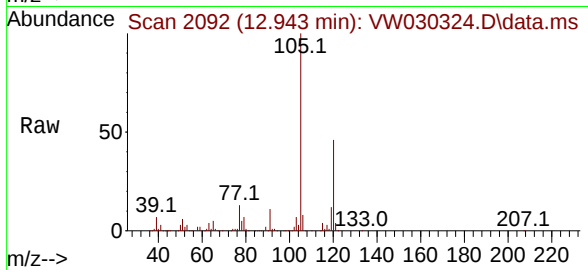
ClientSampleId :

Tgt Ion:105 Resp: 225760

Ion Ratio Lower Upper

105 100

120 45.1 37.4 56.0



#63

1,2,4-Trimethylbenzene

Concen: 25.037 ug/L

RT: 13.248 min Scan# 2142

Delta R.T. 0.003 min

Lab File: VW030324.D

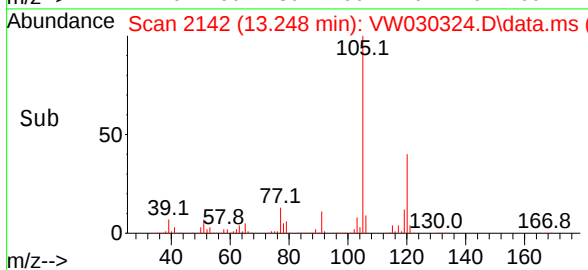
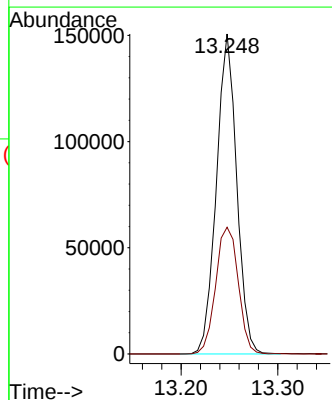
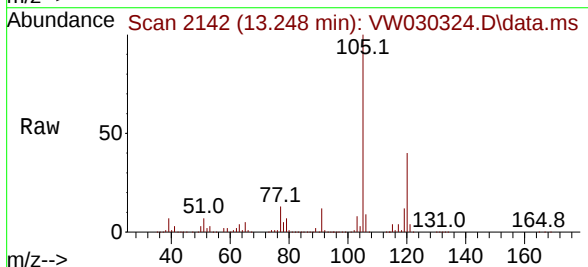
Acq: 02 Oct 2024 13:28

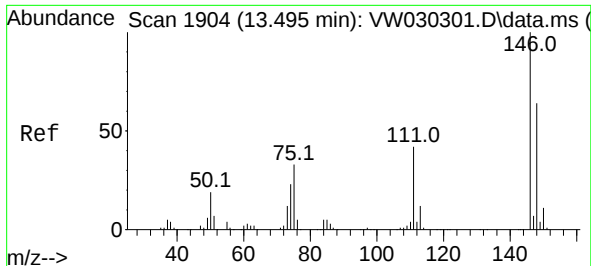
Tgt Ion:105 Resp: 219284

Ion Ratio Lower Upper

105 100

120 44.0 34.4 51.6





#64

1,3-Dichlorobenzene

Concen: 23.507 ug/L

RT: 13.497 min Scan# 2196

Delta R.T. -0.003 min

Lab File: VW030324.D

Acq: 02 Oct 2024 13:28

Instrument :

MSVOA_W

ClientSampleId :

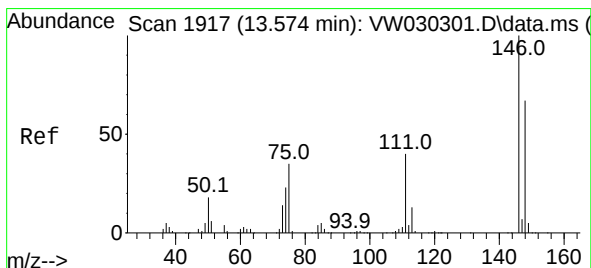
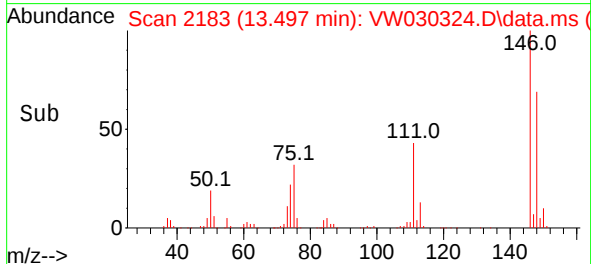
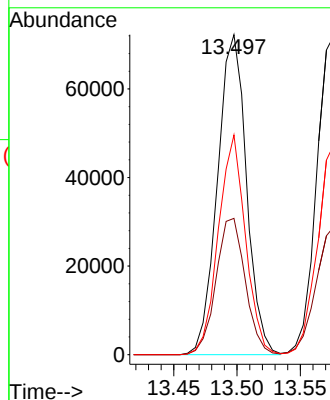
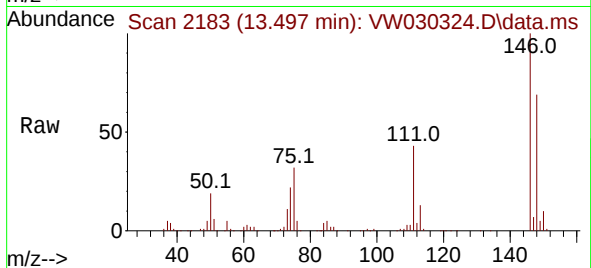
Tgt Ion:146 Resp: 115132

Ion Ratio Lower Upper

146 100

111 42.6 33.2 61.6

148 68.7 50.4 93.6



#65

1,4-Dichlorobenzene

Concen: 23.627 ug/L

RT: 13.577 min Scan# 2196

Delta R.T. 0.003 min

Lab File: VW030324.D

Acq: 02 Oct 2024 13:28

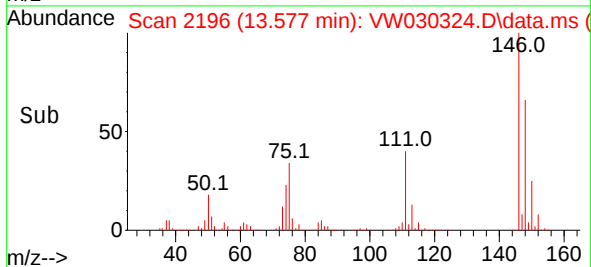
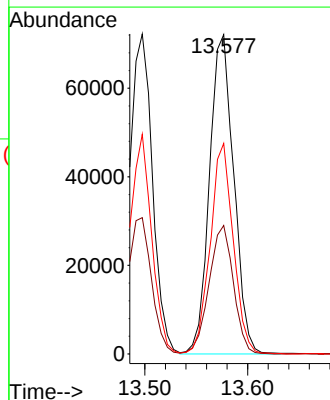
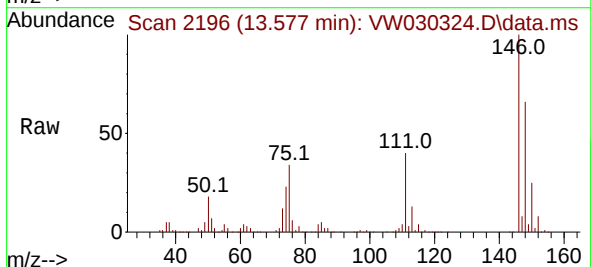
Tgt Ion:146 Resp: 118215

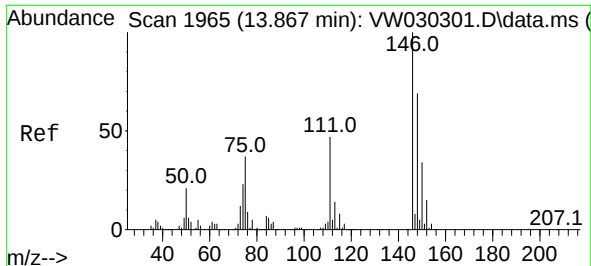
Ion Ratio Lower Upper

146 100

111 40.2 29.1 54.1

148 65.9 42.1 78.1

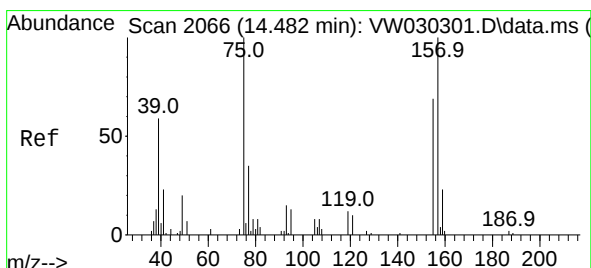
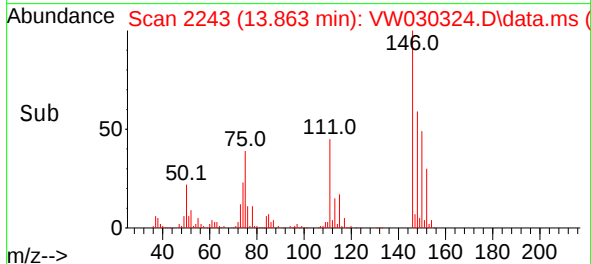
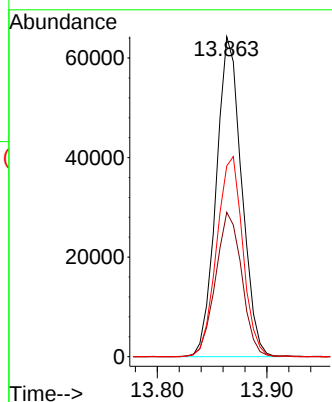
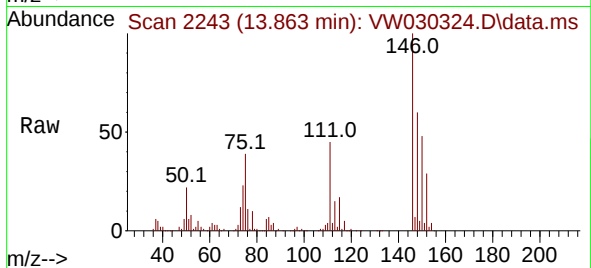




#67
1,2-Dichlorobenzene
Concen: 23.728 ug/L
RT: 13.863 min Scan# 21
Delta R.T. -0.003 min
Lab File: VW030324.D
Acq: 02 Oct 2024 13:28

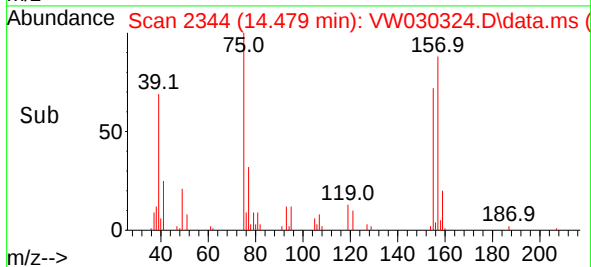
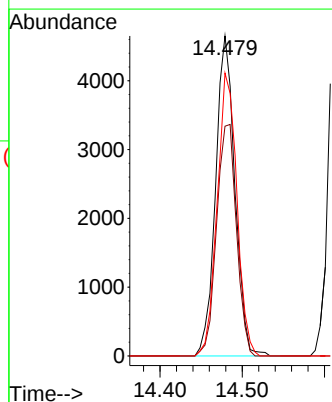
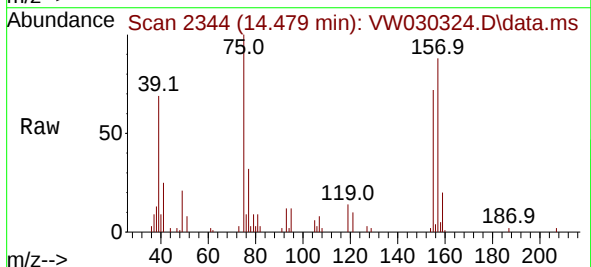
Instrument :
MSVOA_W
ClientSampleId :

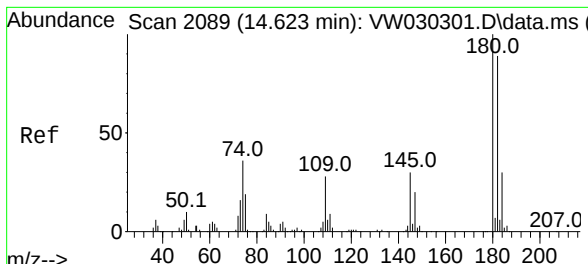
Tgt Ion:146 Resp: 103606
Ion Ratio Lower Upper
146 100
111 45.1 40.1 60.1
148 59.6 55.7 83.5



#68
1,2-Dibromo-3-chloropropane
Concen: 22.541 ug/L
RT: 14.479 min Scan# 2344
Delta R.T. -0.003 min
Lab File: VW030324.D
Acq: 02 Oct 2024 13:28

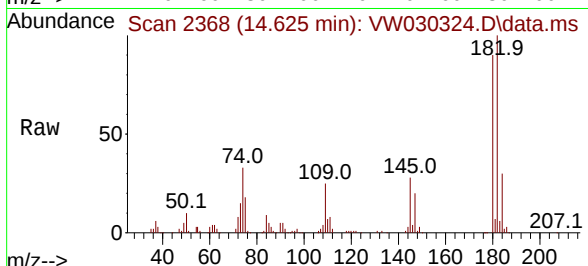
Tgt Ion: 75 Resp: 7581
Ion Ratio Lower Upper
75 100
155 71.8 60.1 90.1
157 88.4 74.3 111.5



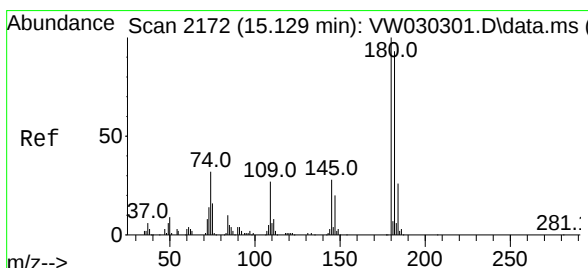
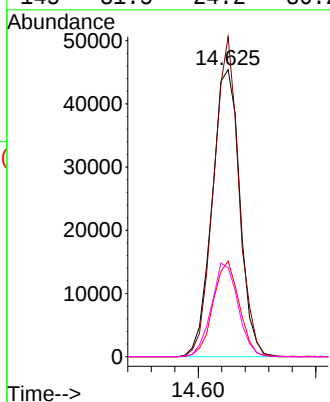
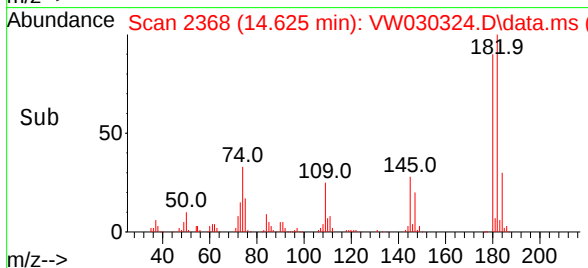


#69
 1,3,5-Trichlorobenzene
 Concen: 21.977 ug/L
 RT: 14.625 min Scan# 2450
 Delta R.T. 0.003 min
 Lab File: VW030324.D
 Acq: 02 Oct 2024 13:28

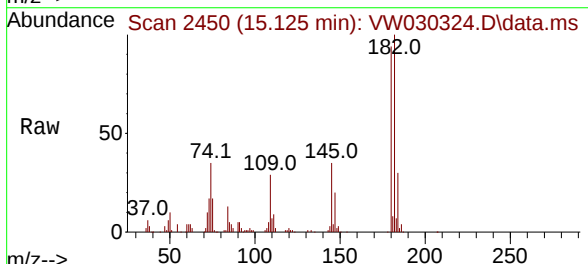
Instrument :
 MSVOA_W
 ClientSampleId :



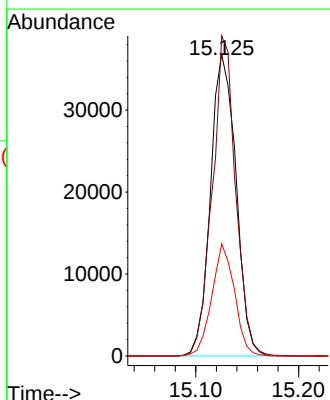
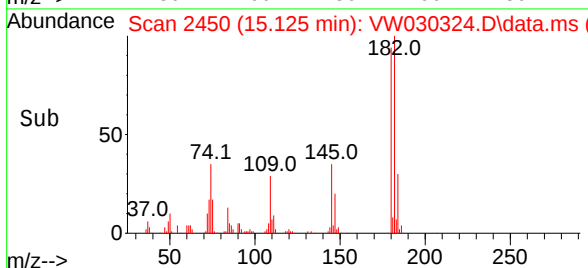
Tgt Ion:180	Resp:	74289
Ion Ratio	Lower	Upper
180	100	
182	101.0	77.4 116.2
184	31.4	24.5 36.7
145	31.5	24.2 36.2

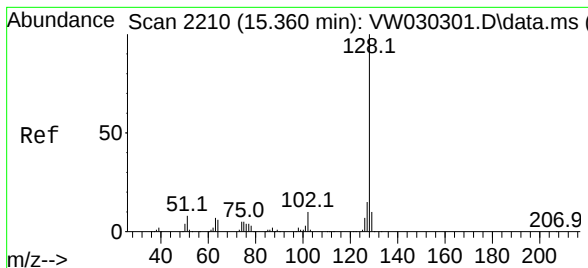


#70
 1,2,4-trichlorobenzene
 Concen: 22.637 ug/L
 RT: 15.125 min Scan# 2450
 Delta R.T. -0.003 min
 Lab File: VW030324.D
 Acq: 02 Oct 2024 13:28



Tgt Ion:180	Resp:	63355
Ion Ratio	Lower	Upper
180	100	
182	97.2	77.2 115.8
145	33.2	25.3 37.9





#71

Naphthalene

Concen: 21.735 ug/L

RT: 15.357 min Scan# 2488

Delta R.T. -0.003 min

Lab File: VW030324.D

Acq: 02 Oct 2024 13:28

Instrument :

MSVOA_W

ClientSampleId :

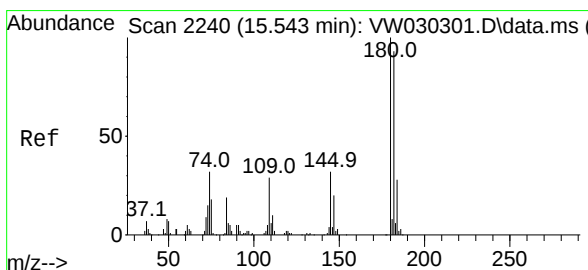
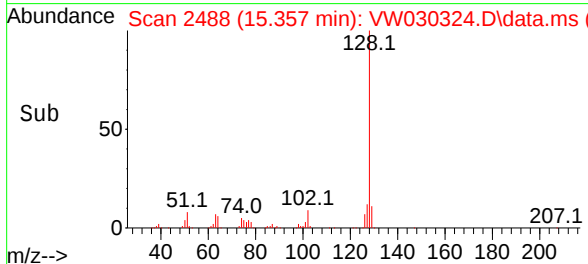
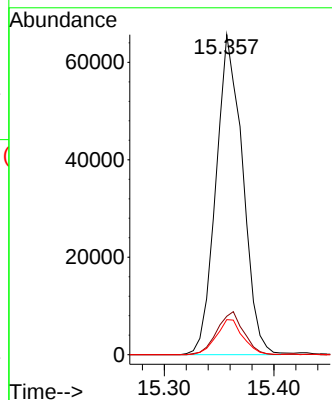
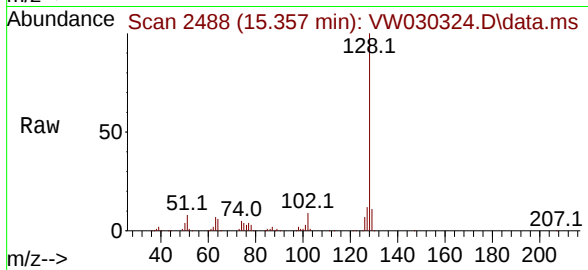
Tgt Ion:128 Resp: 111270

Ion Ratio Lower Upper

128 100

127 13.4 10.8 16.2

129 11.0 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 23.690 ug/L

RT: 15.546 min Scan# 2519

Delta R.T. -0.003 min

Lab File: VW030324.D

Acq: 02 Oct 2024 13:28

Tgt Ion:180 Resp: 58035

Ion Ratio Lower Upper

180 100

182 89.9 75.6 113.4

145 32.5 25.6 38.4

