

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110424\
 Data File : VW030905.D
 Acq On : 04 Nov 2024 13:30
 Operator : SY/MD
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 05 00:31:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Nov 05 00:26:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	468619	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	437640	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	215599	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	175165	22.791	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.160%
7) Chloroethane-d5	2.899	69	144431	24.502	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.000%
11) 1,1-Dichloroethene-d2	4.015	65	73948	23.317	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.280%
21) 2-Butanone-d5	7.075	46	70647	55.856	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.720%
24) Chloroform-d	7.648	84	364412	26.378	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.520%
26) 1,2-Dichloroethane-d4	8.307	65	183601	26.730	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.920%
32) Benzene-d6	8.270	84	720134	26.487	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.960%
36) 1,2-Dichloropropane-d6	9.270	67	207553	25.896	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.600%
41) Toluene-d8	10.325	98	654993	26.858	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.440%
43) trans-1,3-Dichloroprop...	10.575	79	86123	26.509	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	106.040%
47) 2-Hexanone-d5	10.922	63	60812	58.544	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.080%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	146594	26.252	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.000%
66) 1,2-Dichlorobenzene-d4	13.849	152	205362	26.149	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	104096	20.854	ug/L	95
3) Chloromethane	2.223	50	153246	22.784	ug/L	98
5) Vinyl chloride	2.375	62	177980	22.327	ug/L	94
6) Bromomethane	2.790	94	117842	22.515	ug/L	100
8) Chloroethane	2.936	64	111311	23.034	ug/L	94
9) Trichlorofluoromethane	3.259	101	164824	22.657	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	147066	21.960	ug/L	94
12) 1,1-Dichloroethene	4.039	96	69975	11.552	ug/L	81
13) Acetone	4.125	43	80615	52.186	ug/L	98
14) Carbon disulfide	4.393	76	461822	23.193	ug/L	99
15) Methyl Acetate	4.673	43	55831	24.640	ug/L	99
16) Methylene chloride	4.917	84	149013	22.492	ug/L	97
17) trans-1,2-Dichloroethene	5.423	96	161327	24.278	ug/L	100
18) Methyl tert-butyl Ether	5.429	73	226829	25.291	ug/L	100
19) 1,1-Dichloroethane	6.216	63	295774	23.853	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	173510	24.613	ug/L	97
22) 2-Butanone	7.173	43	93217	53.885	ug/L	99
23) Bromochloromethane	7.514	128	75091	24.323	ug/L	95
25) Chloroform	7.673	83	310342	23.786	ug/L	94

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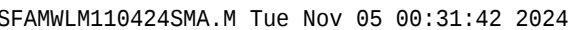
Instrument :
 MSVOA_W
 ClientSampleId :

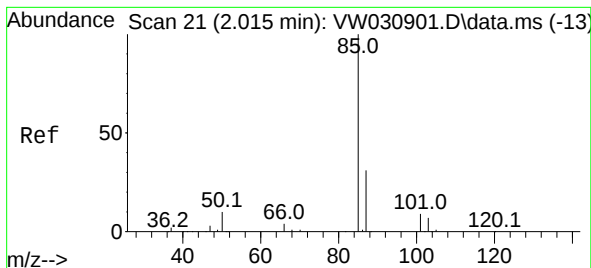
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 Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	195606	24.073	ug/L	99
29) Cyclohexane	7.959	56	260376	24.827	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	249708	22.212	ug/L	99
31) Carbon tetrachloride	8.069	117	232513	23.017	ug/L	99
33) Benzene	8.325	78	676180	23.971	ug/L	100
34) Trichloroethene	9.087	95	178071	22.893	ug/L	94
35) Methylcyclohexane	9.331	83	298949	24.249	ug/L	97
37) 1,2-Dichloropropane	9.368	63	167071	23.699	ug/L	99
38) Bromodichloromethane	9.642	83	215789	23.308	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	262682	24.908	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	164882	51.142	ug/L	99
42) Toluene	10.386	91	724256	24.246	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	213248	24.340	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	117838	23.287	ug/L	98
46) Tetrachloroethene	10.861	164	139353	23.435	ug/L	94
48) 2-Hexanone	10.965	43	138424	56.435	ug/L	98
49) Dibromochloromethane	11.123	129	132093	23.942	ug/L	92
50) 1,2-Dibromoethane	11.233	107	113223	24.263	ug/L	95
51) Chlorobenzene	11.654	112	452297	23.659	ug/L	98
52) Ethylbenzene	11.727	91	815861	24.173	ug/L	99
53) m,p-Xylene	11.837	106	309326	24.368	ug/L	95
54) o-Xylene	12.160	106	292322	25.027	ug/L	99
55) Styrene	12.178	104	486913	24.398	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.709	83	132100	23.921	ug/L	95
59) Bromoform	12.349	173	72077	23.413	ug/L	98
60) Isopropylbenzene	12.459	105	802884	24.413	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	93399	23.107	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	653395	25.234	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	641786	25.451	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	335453	23.230	ug/L	88
65) 1,4-Dichlorobenzene	13.574	146	345256	23.289	ug/L	98
67) 1,2-Dichlorobenzene	13.861	146	291084	22.617	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	19527	22.818	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	232367	24.249	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	184323	24.225	ug/L	98
71) Naphthalene	15.360	128	322008	26.106	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	161252	24.590	ug/L	94

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

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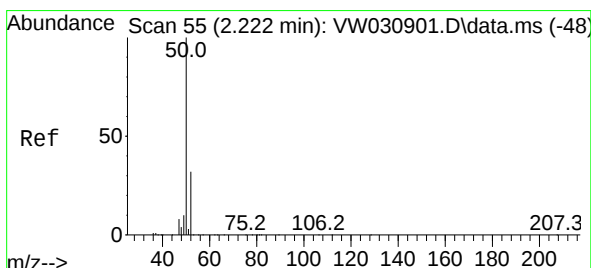
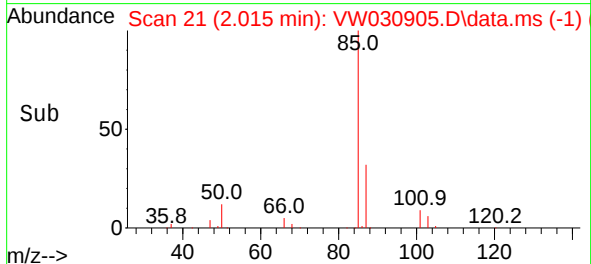
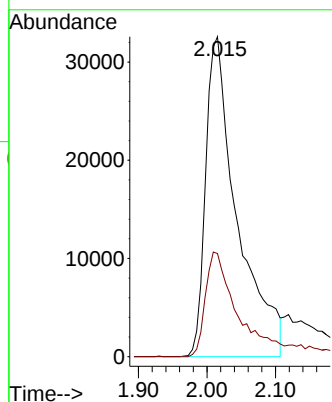
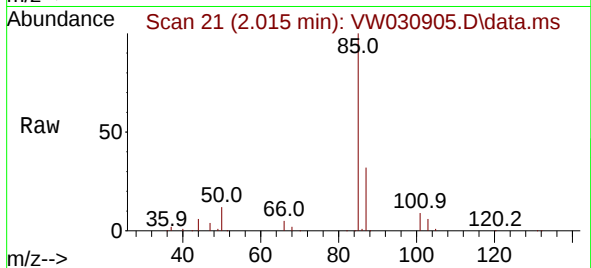




#2
Dichlorodifluoromethane
Concen: 20.854 ug/L
RT: 2.015 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW030905.D
Acq: 04 Nov 2024 13:30

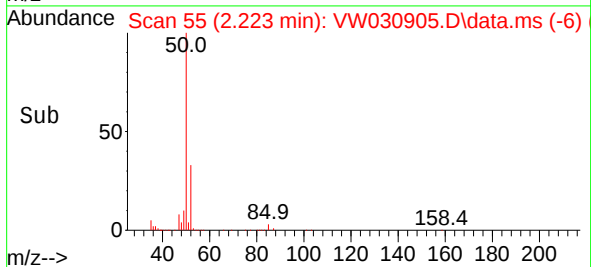
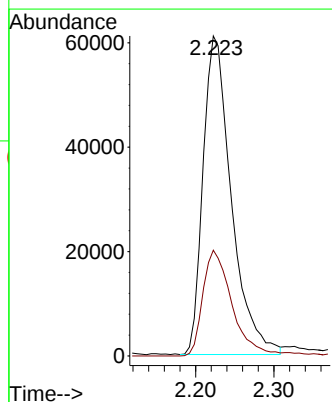
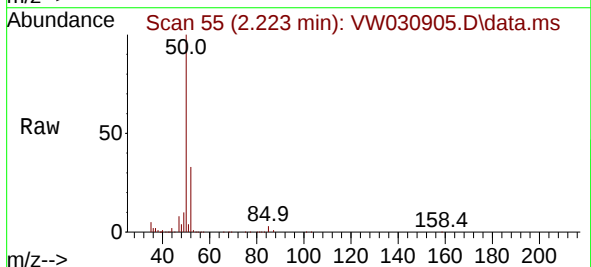
Instrument :
MSVOA_W
ClientSampleId :

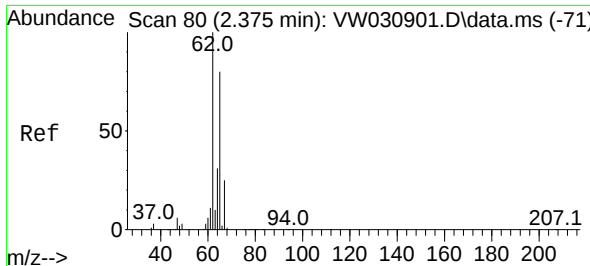
Tgt Ion: 85 Resp: 104096
Ion Ratio Lower Upper
85 100
87 33.1 24.2 36.4



#3
Chloromethane
Concen: 22.784 ug/L
RT: 2.223 min Scan# 55
Delta R.T. 0.000 min
Lab File: VW030905.D
Acq: 04 Nov 2024 13:30

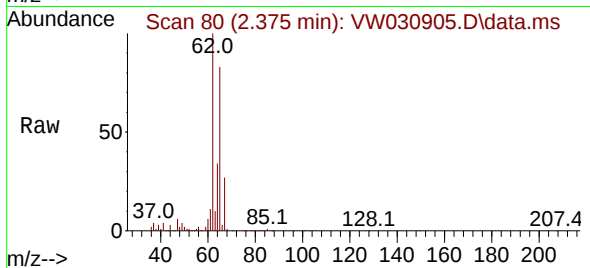
Tgt Ion: 50 Resp: 153246
Ion Ratio Lower Upper
50 100
52 33.1 22.5 41.9



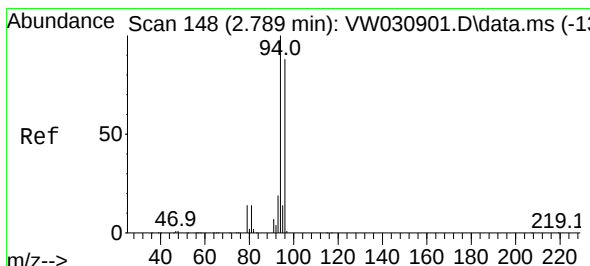
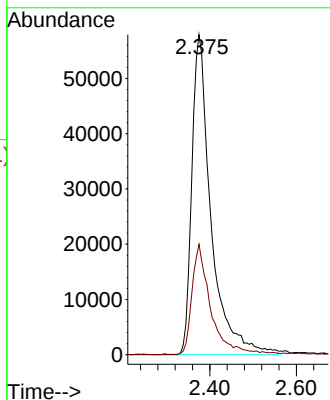
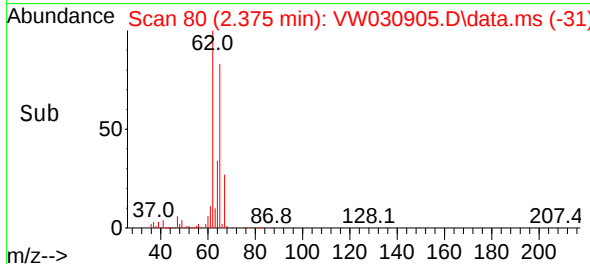


#5
Vinyl chloride
Concen: 22.327 ug/L
RT: 2.375 min Scan# 80
Delta R.T. 0.000 min
Lab File: VW030905.D
Acq: 04 Nov 2024 13:30

Instrument :
MSVOA_W
ClientSampleId :

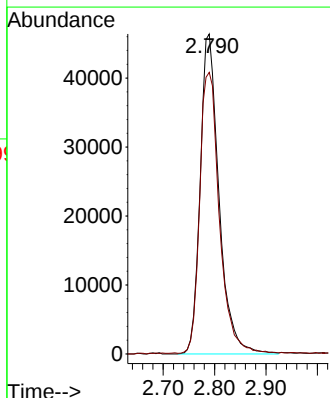
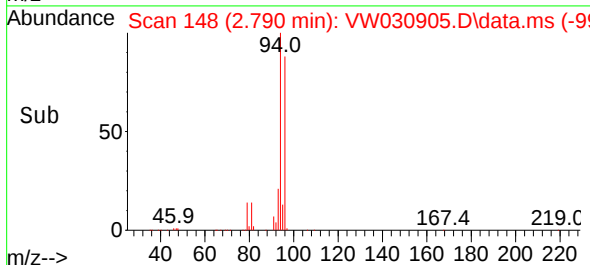
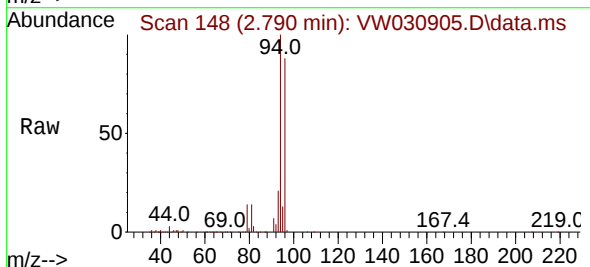


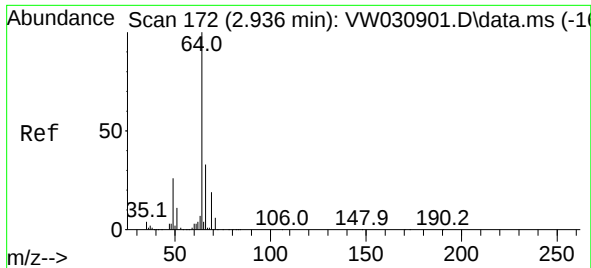
Tgt Ion: 62 Resp: 177980
Ion Ratio Lower Upper
62 100
64 34.5 21.7 40.3



#6
Bromomethane
Concen: 22.515 ug/L
RT: 2.790 min Scan# 148
Delta R.T. 0.000 min
Lab File: VW030905.D
Acq: 04 Nov 2024 13:30

Tgt Ion: 94 Resp: 117842
Ion Ratio Lower Upper
94 100
96 88.0 61.6 114.4

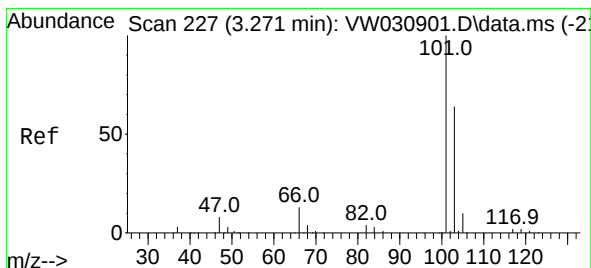
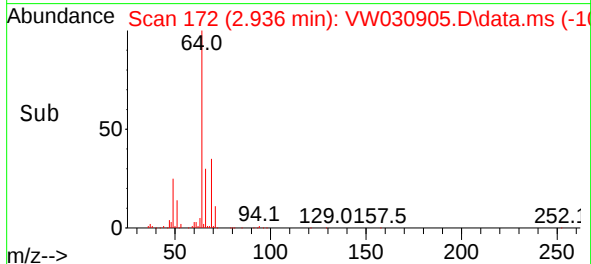
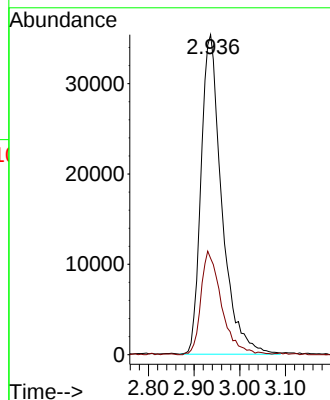
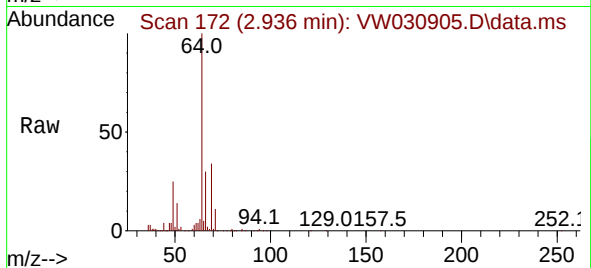




#8
Chloroethane
Concen: 23.034 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW030905.D
Acq: 04 Nov 2024 13:30

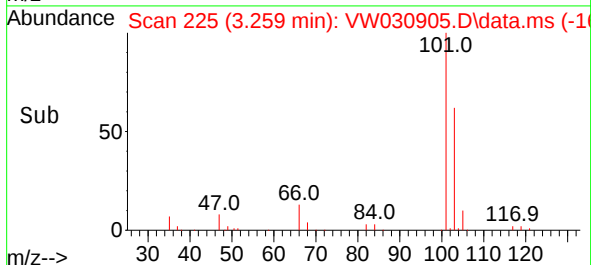
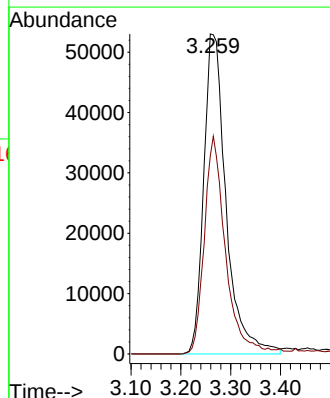
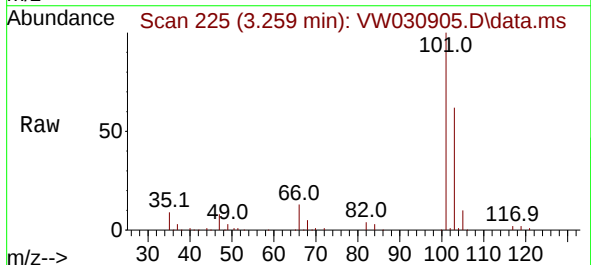
Instrument :
MSVOA_W
ClientSampleId :

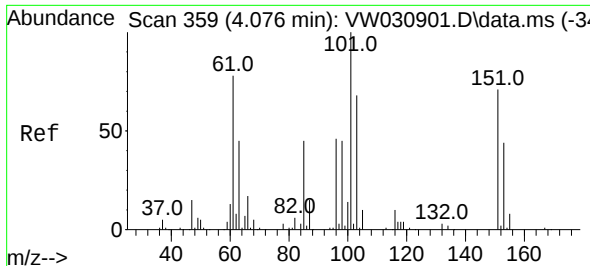
Tgt Ion: 64 Resp: 111311
Ion Ratio Lower Upper
64 100
66 30.1 23.5 43.7



#9
Trichlorofluoromethane
Concen: 22.657 ug/L
RT: 3.259 min Scan# 225
Delta R.T. -0.012 min
Lab File: VW030905.D
Acq: 04 Nov 2024 13:30

Tgt Ion:101 Resp: 164824
Ion Ratio Lower Upper
101 100
103 63.7 51.8 77.6





#10

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

Concen: 21.960 ug/L

RT: 4.070 min Scan# 359

Delta R.T. -0.006 min

Lab File: VW030905.D

Acq: 04 Nov 2024 13:30

Instrument :

MSVOA_W

ClientSampleId :

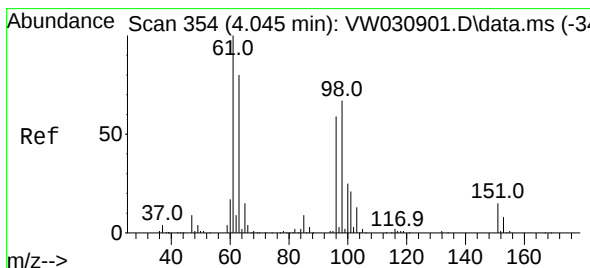
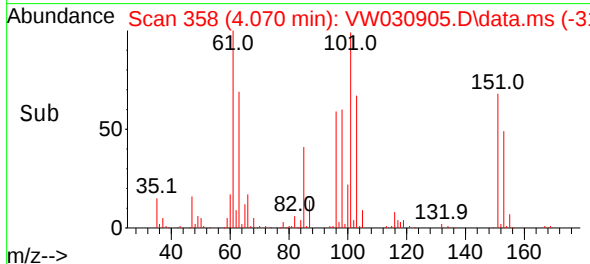
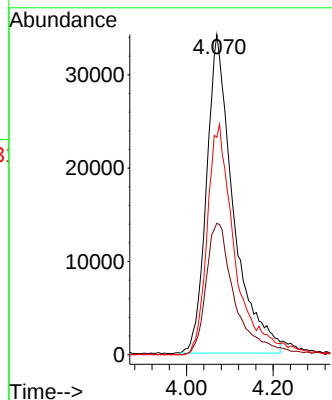
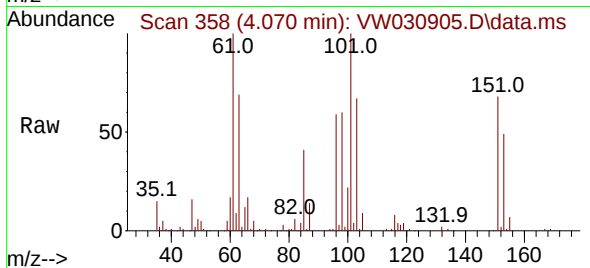
Tgt Ion:101 Resp: 147066

Ion Ratio Lower Upper

101 100

85 44.2 32.9 49.3

151 68.9 51.0 76.6



#12

1,1-Dichloroethene

Concen: 11.552 ug/L

RT: 4.039 min Scan# 353

Delta R.T. -0.006 min

Lab File: VW030905.D

Acq: 04 Nov 2024 13:30

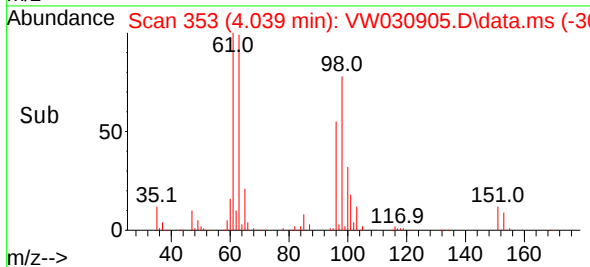
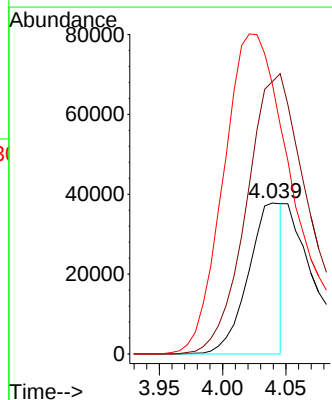
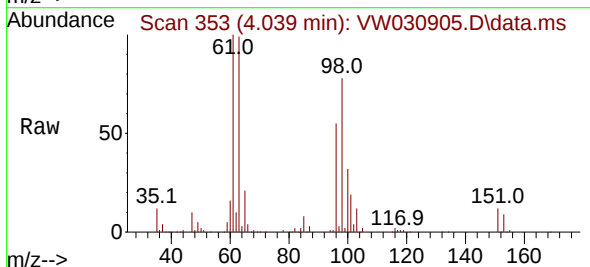
Tgt Ion: 96 Resp: 69975

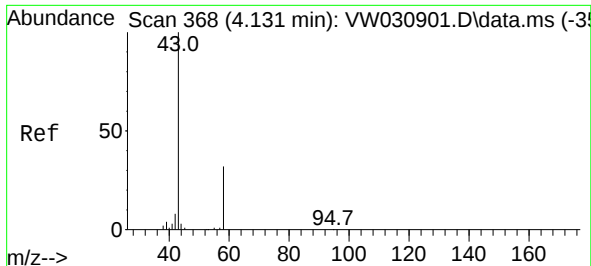
Ion Ratio Lower Upper

96 100

61 180.4 118.9 220.7

63 178.8 97.8 181.6

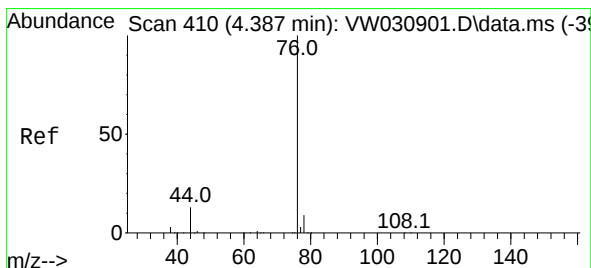
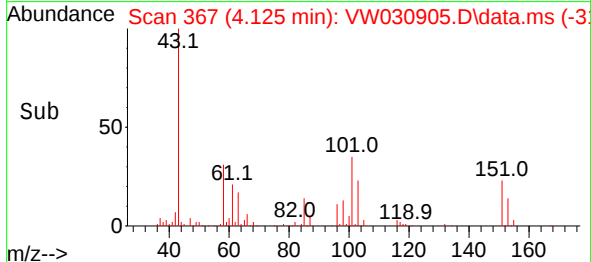
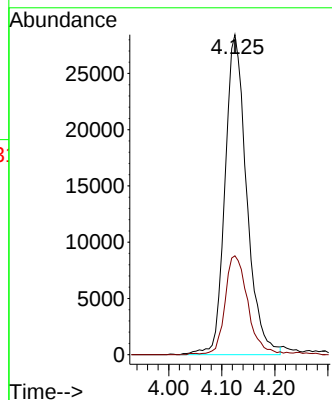
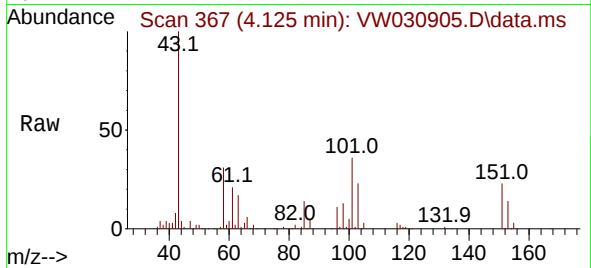




#13
Acetone
Concen: 52.186 ug/L
RT: 4.125 min Scan# 367
Delta R.T. -0.006 min
Lab File: VW030905.D
Acq: 04 Nov 2024 13:30

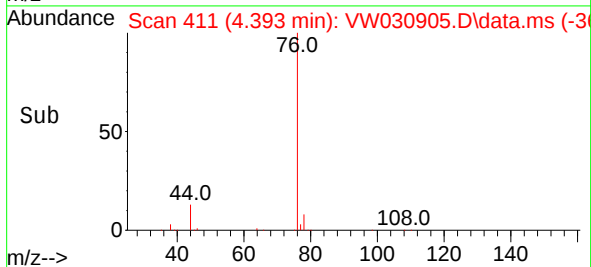
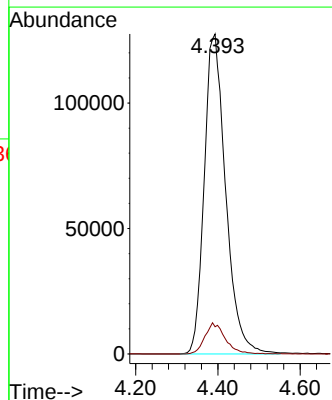
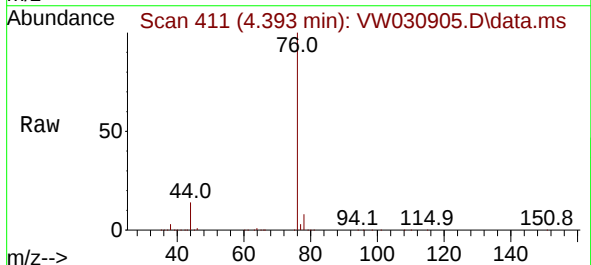
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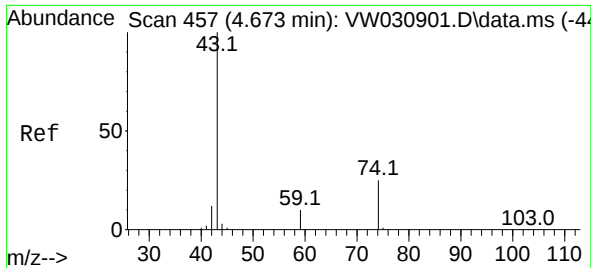
Tgt Ion: 43 Resp: 80615
Ion Ratio Lower Upper
43 100
58 32.4 0.0 62.6



#14
Carbon disulfide
Concen: 23.193 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
Lab File: VW030905.D
Acq: 04 Nov 2024 13:30

Tgt Ion: 76 Resp: 461822
Ion Ratio Lower Upper
76 100
78 8.5 7.1 10.7

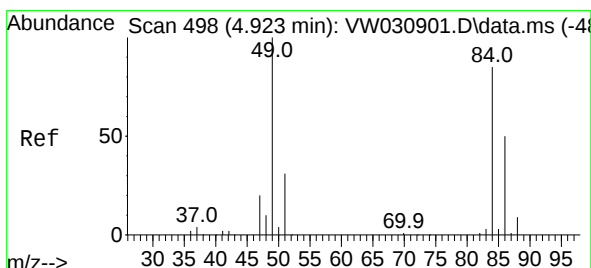
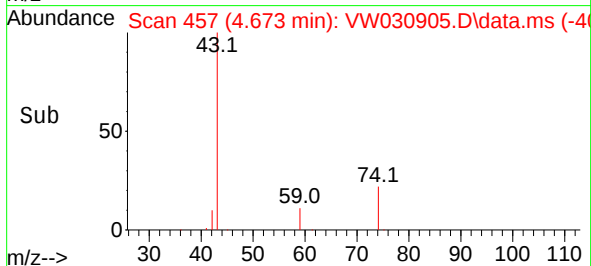
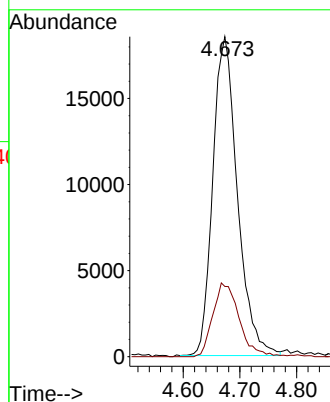
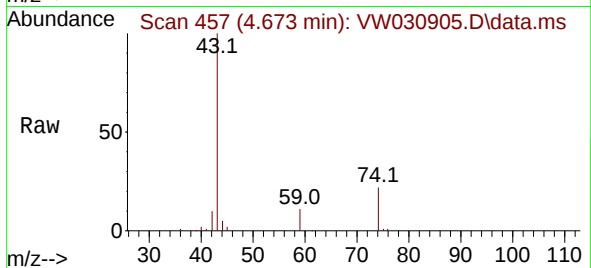




#15
Methyl Acetate
Concen: 24.640 ug/L
RT: 4.673 min Scan# 457
Delta R.T. 0.000 min
Lab File: VW030905.D
Acq: 04 Nov 2024 13:30

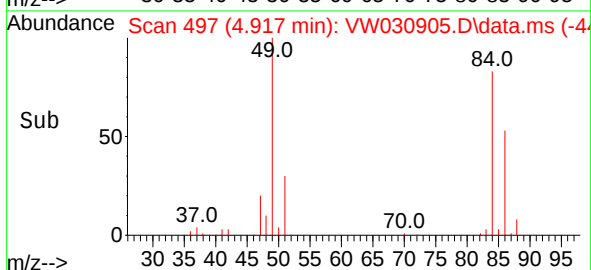
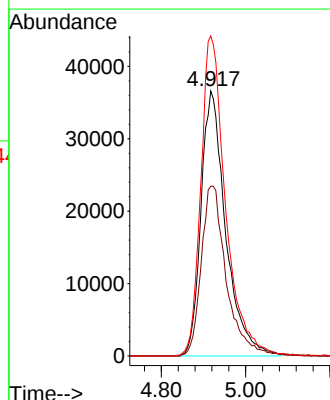
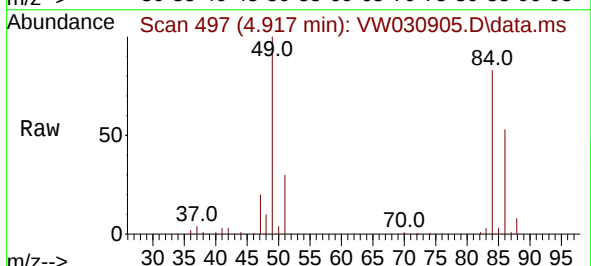
Instrument :
MSVOA_W
ClientSampleId :

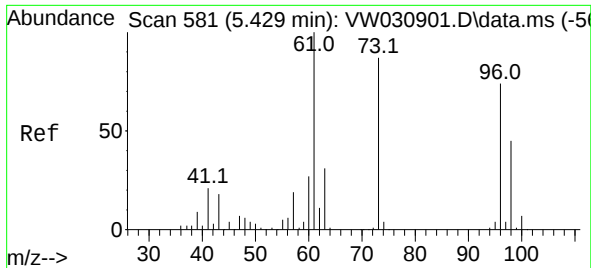
Tgt Ion: 43 Resp: 55831
Ion Ratio Lower Upper
43 100
74 24.7 20.2 30.2



#16
Methylene chloride
Concen: 22.492 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW030905.D
Acq: 04 Nov 2024 13:30

Tgt Ion: 84 Resp: 149013
Ion Ratio Lower Upper
84 100
86 64.1 41.8 77.6
49 120.8 82.8 153.8





#17

trans-1,2-Dichloroethene

Concen: 24.278 ug/L

RT: 5.423 min Scan# 580

Delta R.T. -0.006 min

Lab File: VW030905.D

Acq: 04 Nov 2024 13:30

Instrument :

MSVOA_W

ClientSampleId :

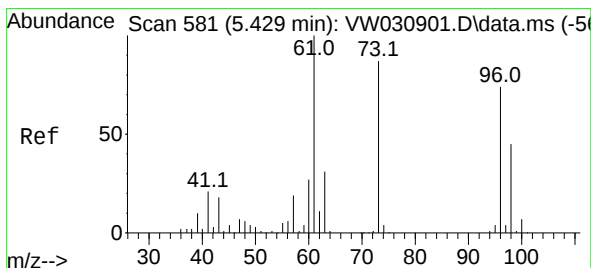
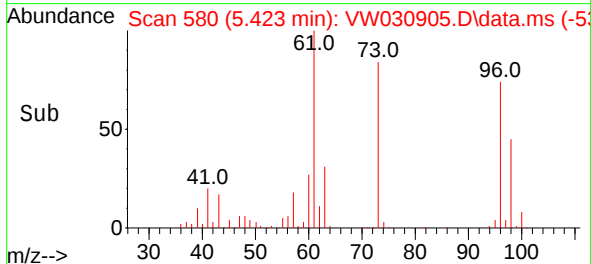
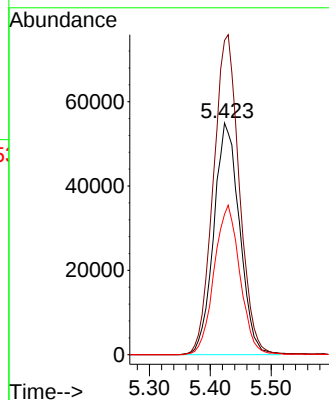
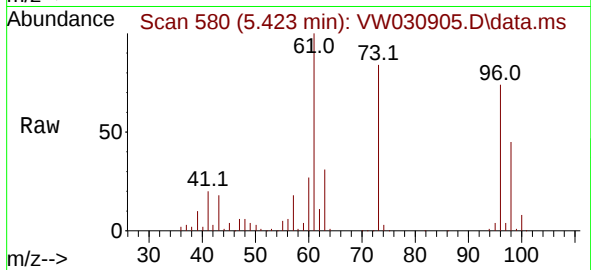
Tgt Ion: 96 Resp: 161327

Ion Ratio Lower Upper

96 100

61 135.7 95.2 176.8

98 60.6 42.6 79.2



#18

Methyl tert-butyl Ether

Concen: 25.291 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW030905.D

Acq: 04 Nov 2024 13:30

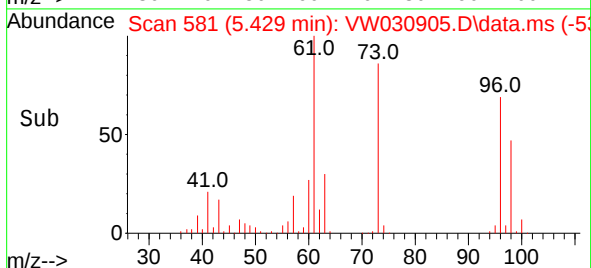
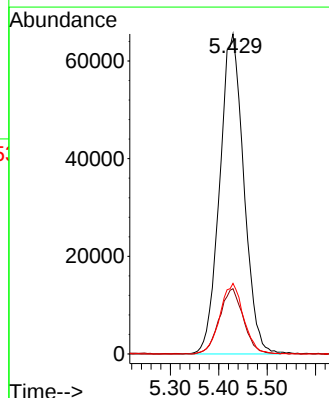
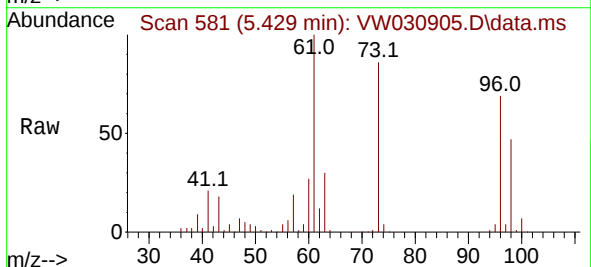
Tgt Ion: 73 Resp: 226829

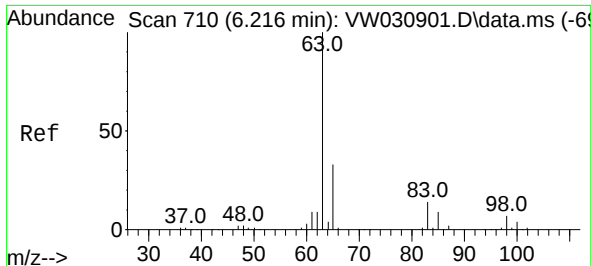
Ion Ratio Lower Upper

73 100

43 20.3 16.2 24.2

57 21.6 17.3 25.9





#19

1,1-Dichloroethane

Concen: 23.853 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW030905.D

Acq: 04 Nov 2024 13:30

Instrument :

MSVOA_W

ClientSampleId :

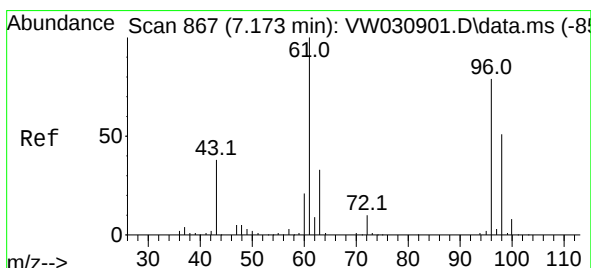
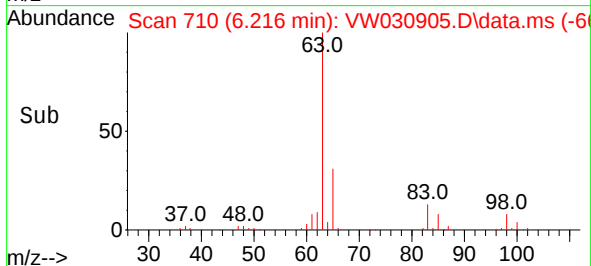
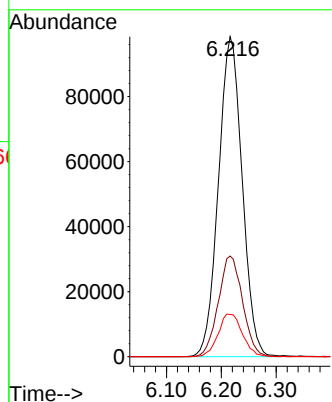
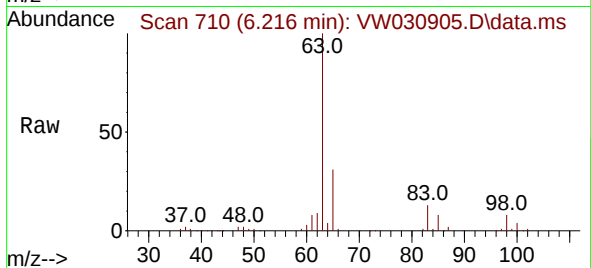
Tgt Ion: 63 Resp: 295774

Ion Ratio Lower Upper

63 100

65 31.5 23.0 42.8

83 13.2 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 24.613 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW030905.D

Acq: 04 Nov 2024 13:30

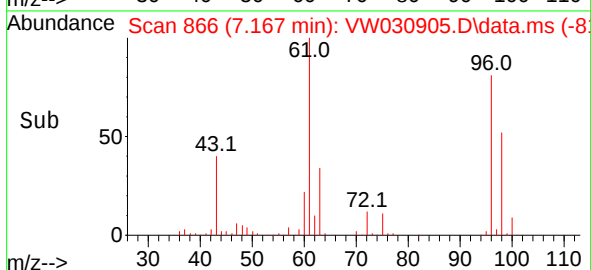
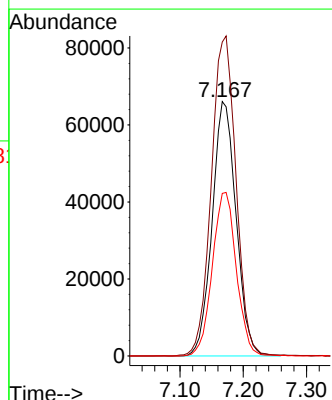
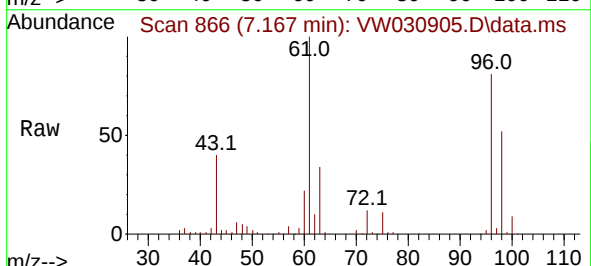
Tgt Ion: 96 Resp: 173510

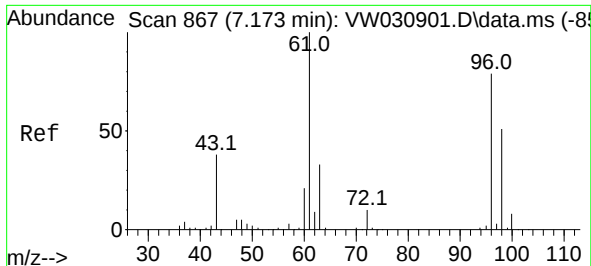
Ion Ratio Lower Upper

96 100

61 123.4 89.2 165.8

98 63.9 45.1 83.9





#22

2-Butanone

Concen: 53.885 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW030905.D

Acq: 04 Nov 2024 13:30

Instrument :

MSVOA_W

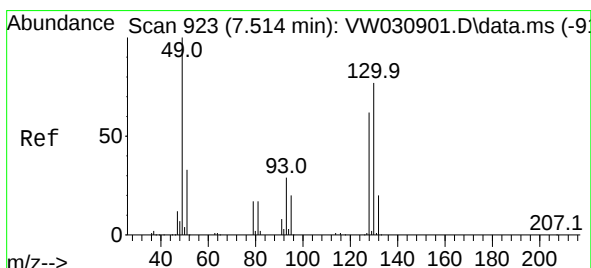
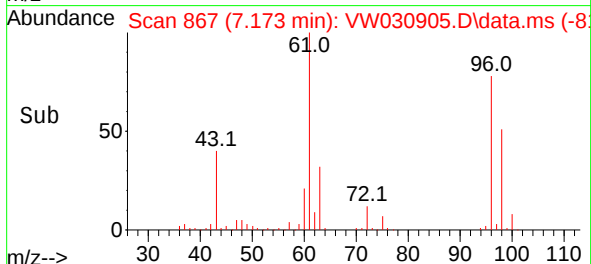
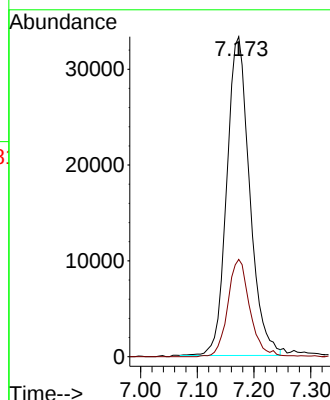
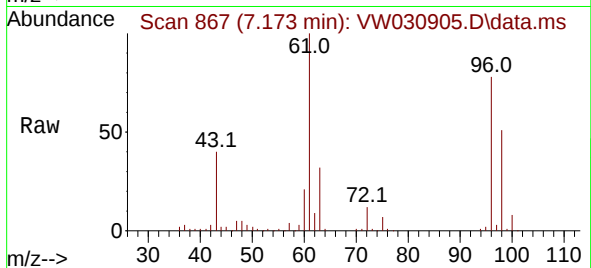
ClientSampleId :

Tgt Ion: 43 Resp: 93217

Ion Ratio Lower Upper

43 100

72 28.8 14.5 43.6



#23

Bromochloromethane

Concen: 24.323 ug/L

RT: 7.514 min Scan# 923

Delta R.T. 0.000 min

Lab File: VW030905.D

Acq: 04 Nov 2024 13:30

Tgt Ion: 128 Resp: 75091

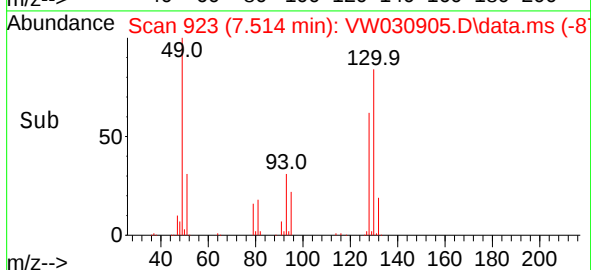
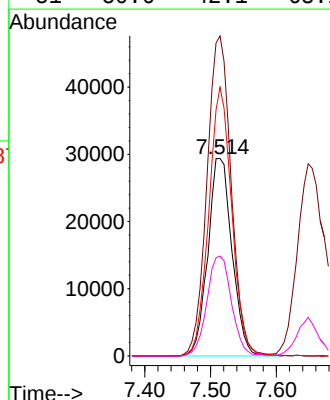
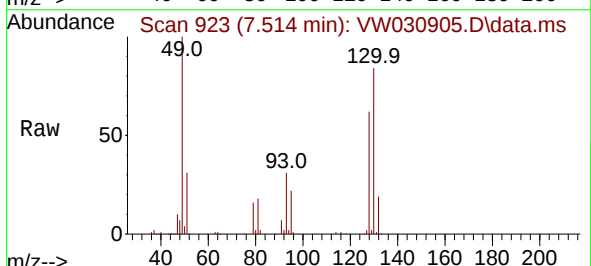
Ion Ratio Lower Upper

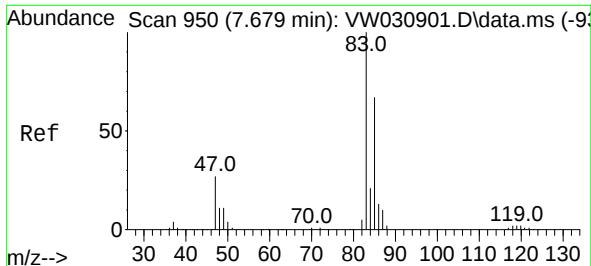
128 100

49 162.0 112.4 208.8

130 136.0 86.2 160.0

51 50.6 42.1 63.1





#25

Chloroform

Concen: 23.786 ug/L

RT: 7.673 min Scan# 949

Delta R.T. -0.006 min

Lab File: VW030905.D

Acq: 04 Nov 2024 13:30

Instrument :

MSVOA_W

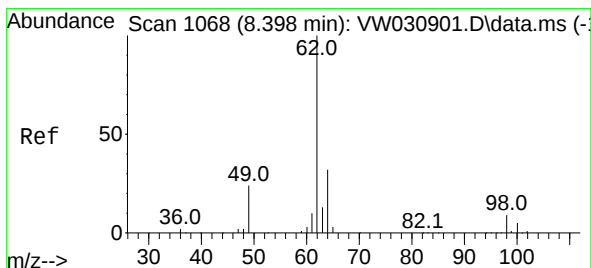
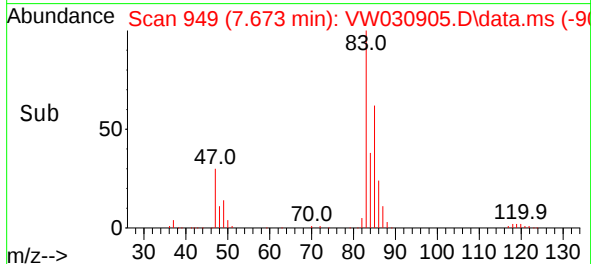
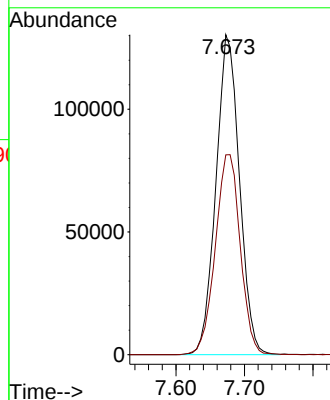
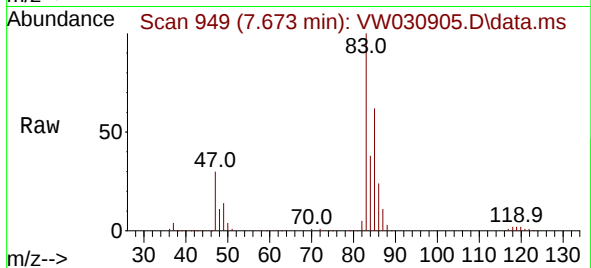
ClientSampleId :

Tgt Ion: 83 Resp: 310342

Ion Ratio Lower Upper

83 100

85 62.4 47.2 87.6



#27

1,2-Dichloroethane

Concen: 24.073 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW030905.D

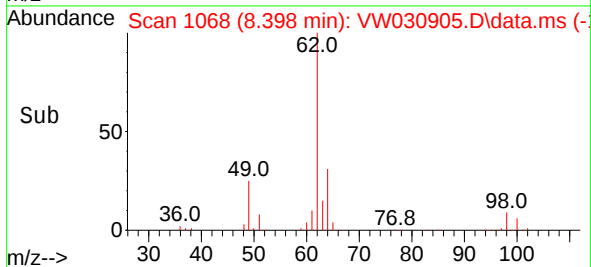
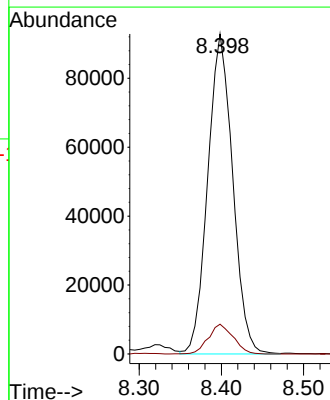
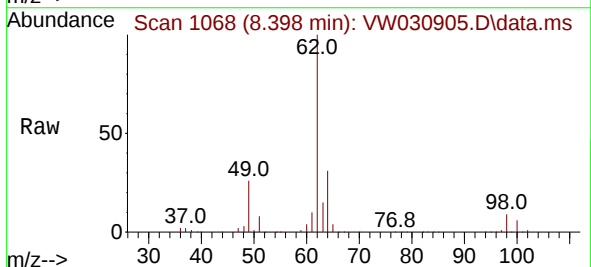
Acq: 04 Nov 2024 13:30

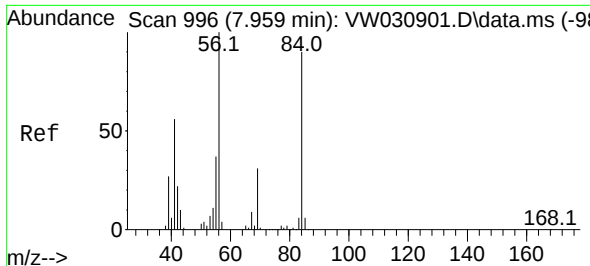
Tgt Ion: 62 Resp: 195606

Ion Ratio Lower Upper

62 100

98 9.3 7.1 10.7





#29

Cyclohexane

Concen: 24.827 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

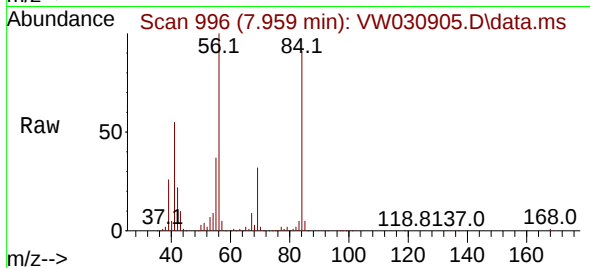
Lab File: VW030905.D

Acq: 04 Nov 2024 13:30

Instrument :

MSVOA_W

ClientSampleId :



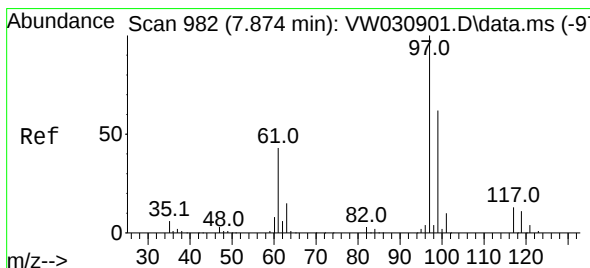
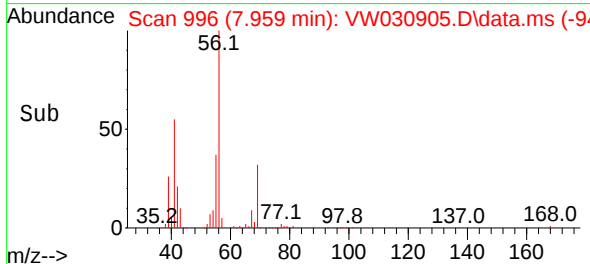
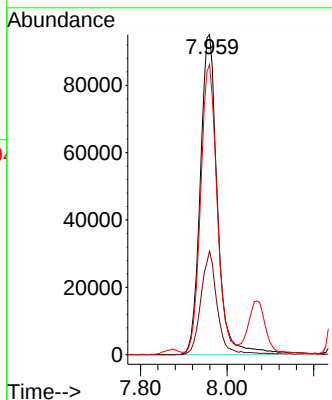
Tgt Ion: 56 Resp: 260376

Ion Ratio Lower Upper

56 100

69 29.7 24.8 37.2

84 86.2 69.5 104.3



#30

1,1,1-Trichloroethane

Concen: 22.212 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW030905.D

Acq: 04 Nov 2024 13:30

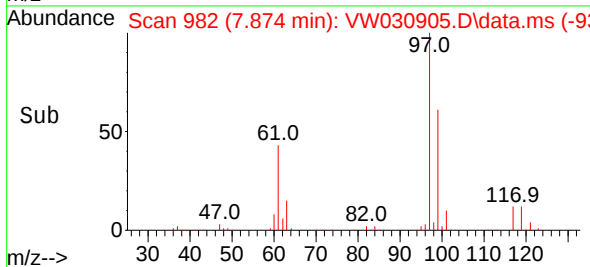
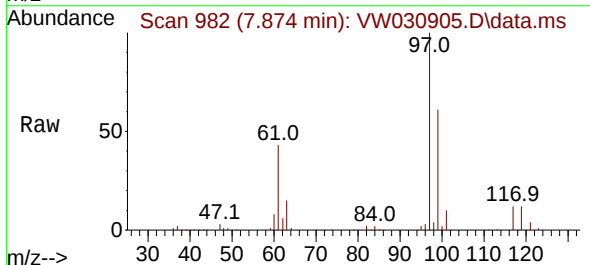
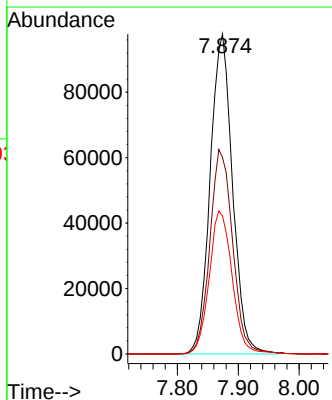
Tgt Ion: 97 Resp: 249708

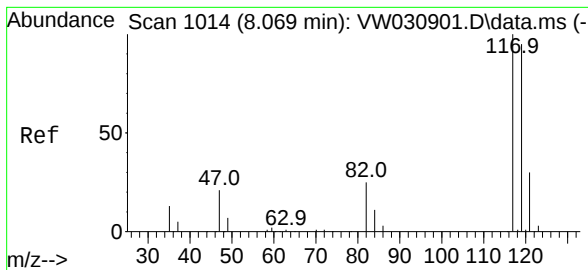
Ion Ratio Lower Upper

97 100

99 65.3 51.3 76.9

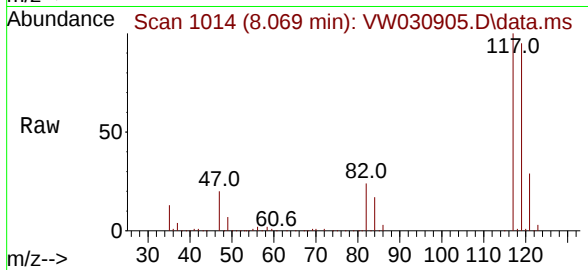
61 45.8 36.2 54.4



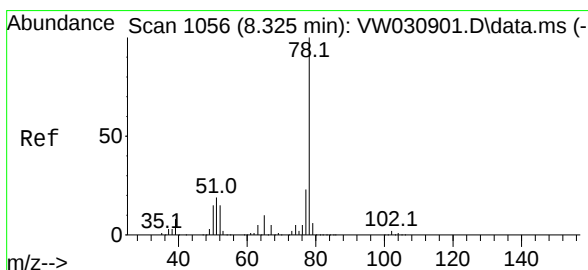
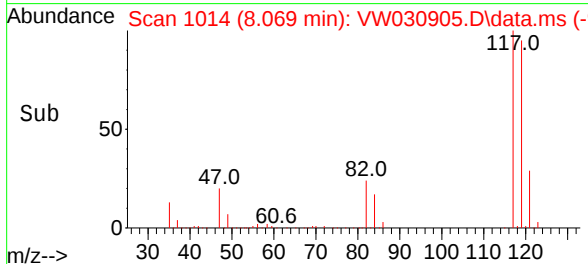
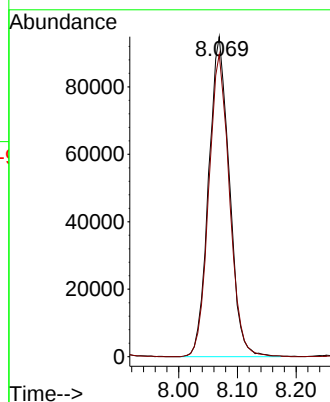


#31
Carbon tetrachloride
Concen: 23.017 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW030905.D
Acq: 04 Nov 2024 13:30

Instrument :
MSVOA_W
ClientSampleId :

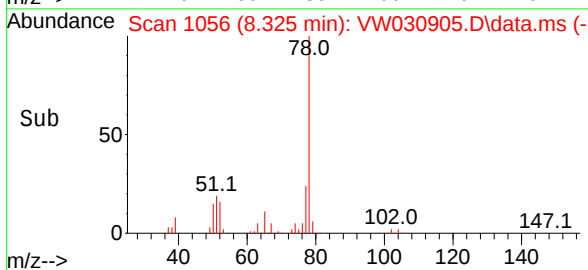
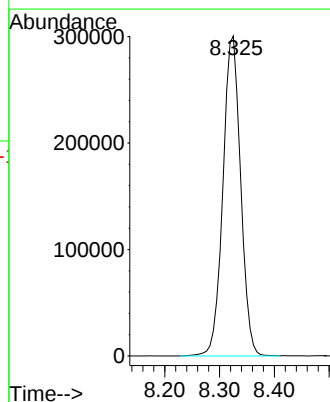
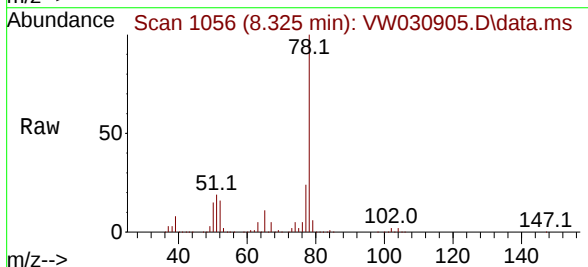


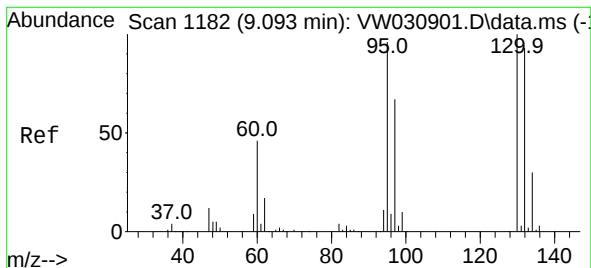
Tgt Ion:117 Resp: 232513
Ion Ratio Lower Upper
117 100
119 94.5 76.2 114.2



#33
Benzene
Concen: 23.971 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW030905.D
Acq: 04 Nov 2024 13:30

Tgt Ion: 78 Resp: 676180





#34

Trichloroethene

Concen: 22.893 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.006 min

Lab File: VW030905.D

Acq: 04 Nov 2024 13:30

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 178071

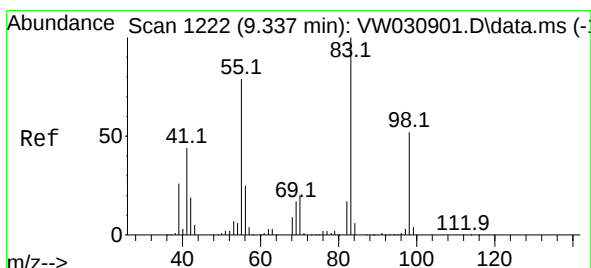
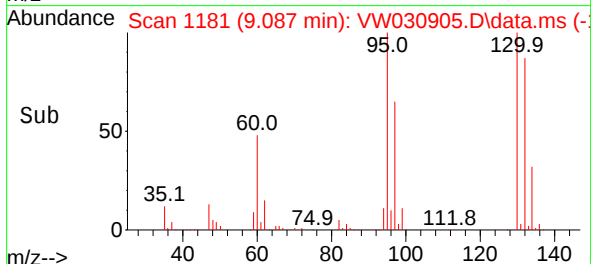
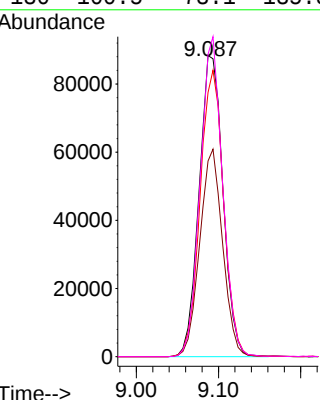
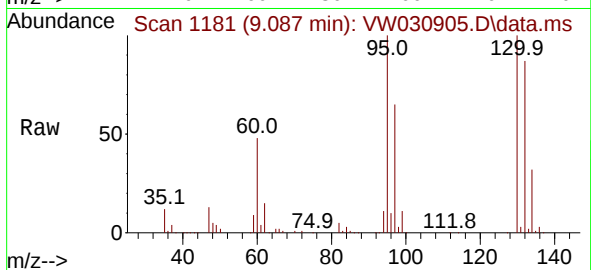
Ion Ratio Lower Upper

95 100

97 65.0 48.9 90.7

132 87.8 67.7 125.7

130 100.5 73.1 135.8



#35

Methylcyclohexane

Concen: 24.249 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW030905.D

Acq: 04 Nov 2024 13:30

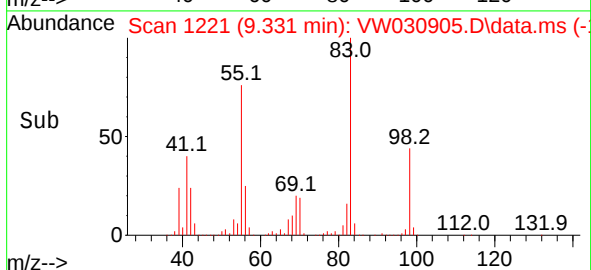
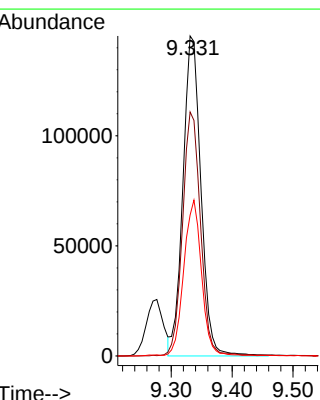
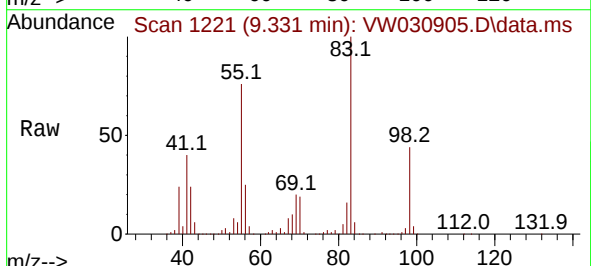
Tgt Ion: 83 Resp: 298949

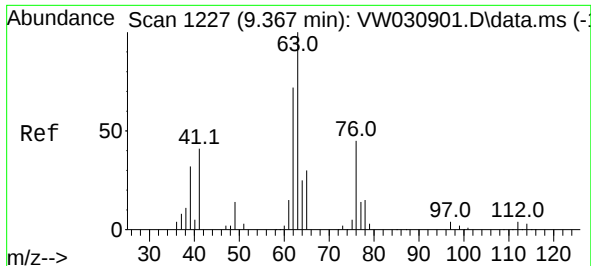
Ion Ratio Lower Upper

83 100

55 75.8 62.8 94.2

98 47.9 39.4 59.2





#37

1,2-Dichloropropane

Concen: 23.699 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW030905.D

Acq: 04 Nov 2024 13:30

Instrument :

MSVOA_W

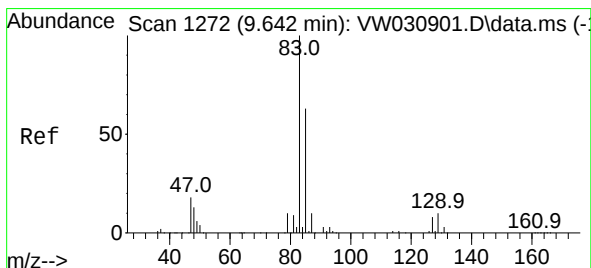
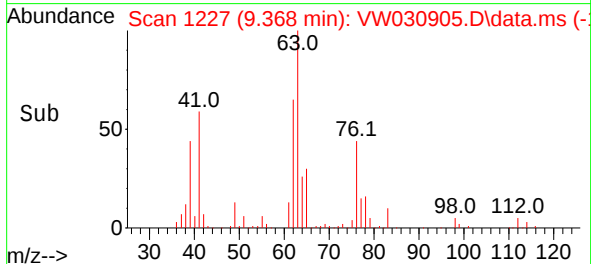
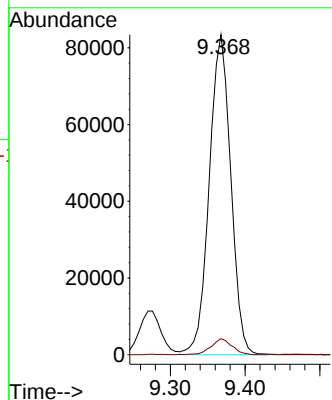
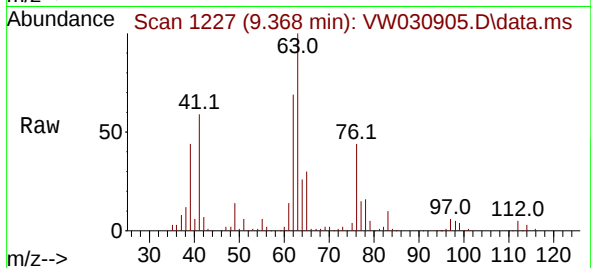
ClientSampleId :

Tgt Ion: 63 Resp: 167071

Ion Ratio Lower Upper

63 100

112 4.8 3.5 5.3



#38

Bromodichloromethane

Concen: 23.308 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW030905.D

Acq: 04 Nov 2024 13:30

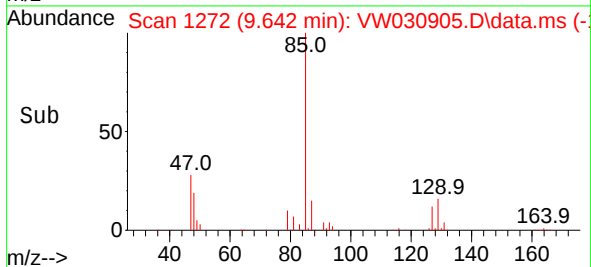
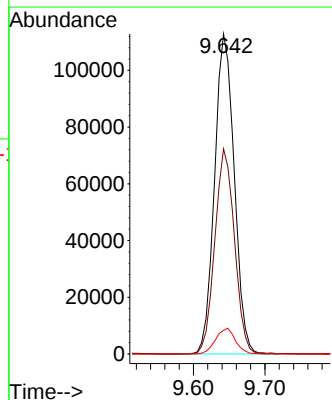
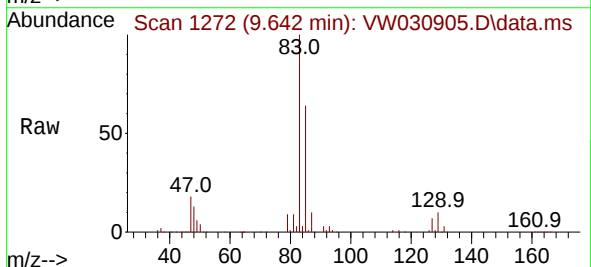
Tgt Ion: 83 Resp: 215789

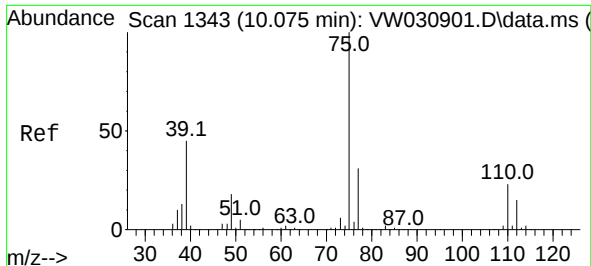
Ion Ratio Lower Upper

83 100

85 64.1 44.1 81.9

127 7.4 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 24.908 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.006 min

Lab File: VW030905.D

Acq: 04 Nov 2024 13:30

Instrument :

MSVOA_W

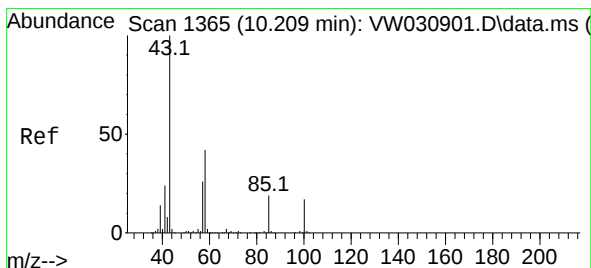
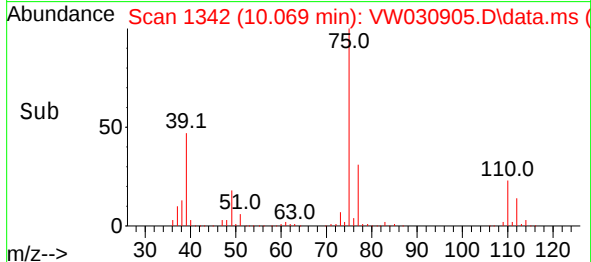
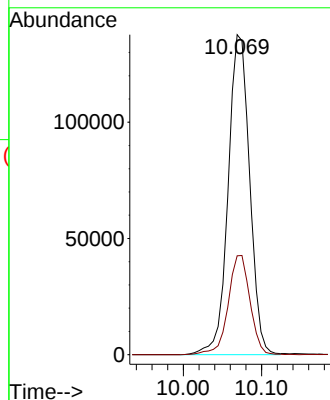
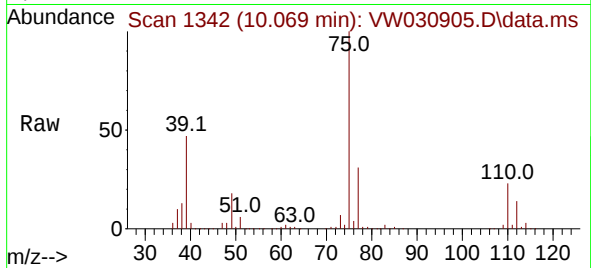
ClientSampleId :

Tgt Ion: 75 Resp: 262682

Ion Ratio Lower Upper

75 100

77 30.9 21.3 39.6



#40

4-Methyl-2-pentanone

Concen: 51.142 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW030905.D

Acq: 04 Nov 2024 13:30

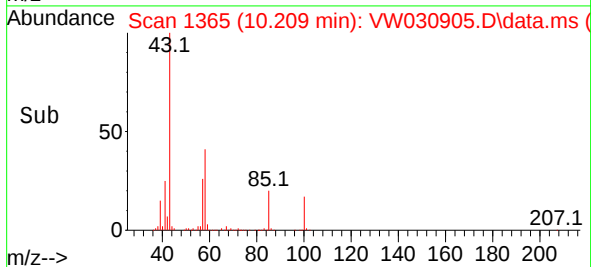
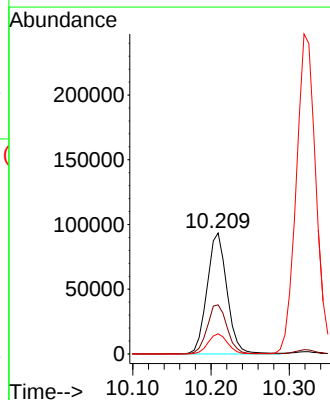
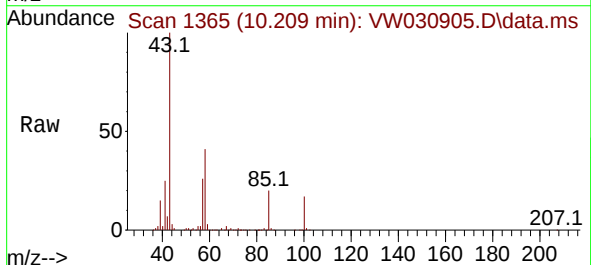
Tgt Ion: 43 Resp: 164882

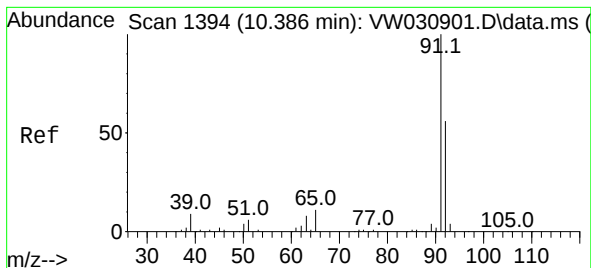
Ion Ratio Lower Upper

43 100

58 40.7 32.2 48.4

100 16.4 13.3 19.9





#42

Toluene

Concen: 24.246 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW030905.D

Acq: 04 Nov 2024 13:30

Instrument :

MSVOA_W

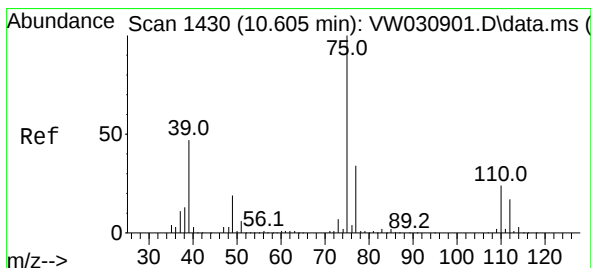
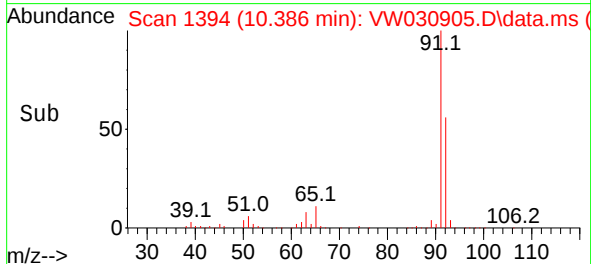
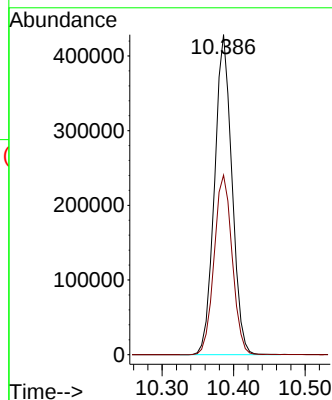
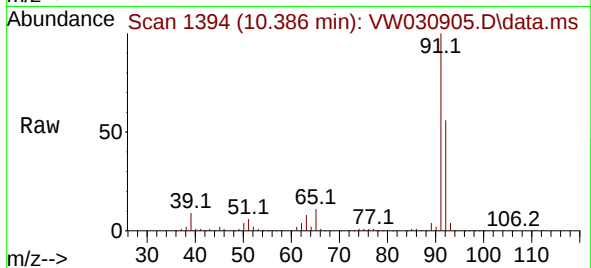
ClientSampleId :

Tgt Ion: 91 Resp: 724256

Ion Ratio Lower Upper

91 100

92 56.1 39.4 73.2



#44

trans-1,3-Dichloropropene

Concen: 24.340 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW030905.D

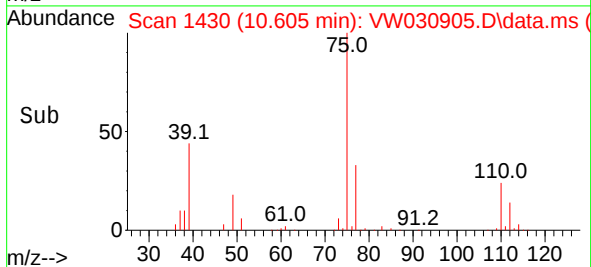
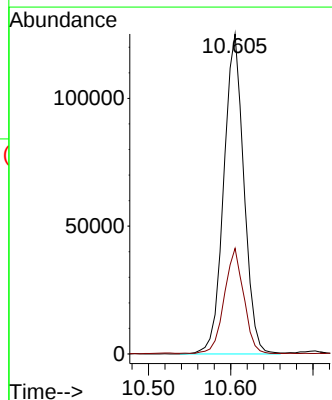
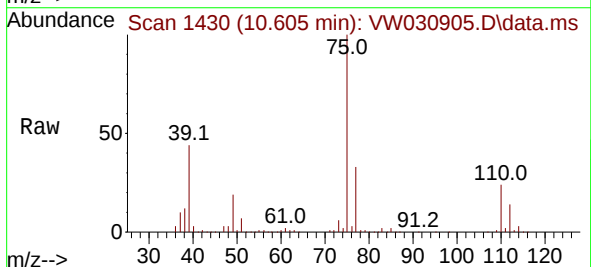
Acq: 04 Nov 2024 13:30

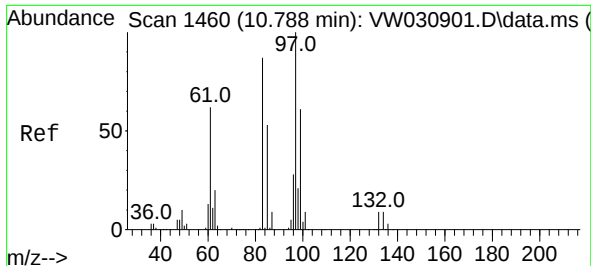
Tgt Ion: 75 Resp: 213248

Ion Ratio Lower Upper

75 100

77 33.0 23.6 43.8





#45

1,1,2-Trichloroethane

Concen: 23.287 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.006 min

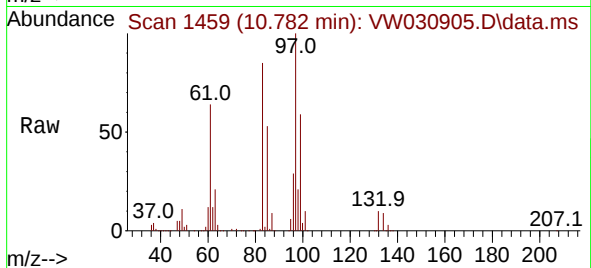
Lab File: VW030905.D

Acq: 04 Nov 2024 13:30

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 117838

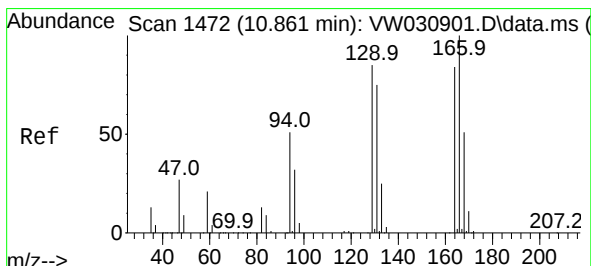
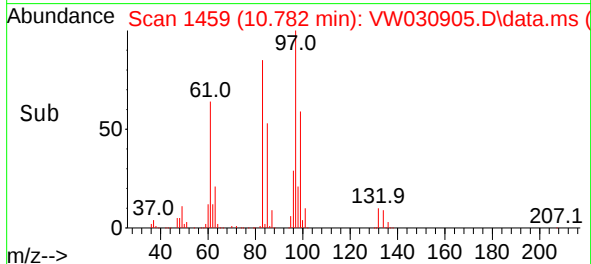
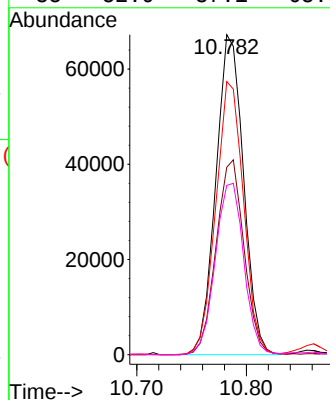
Ion Ratio Lower Upper

97 100

99 58.5 42.8 79.4

83 85.4 60.6 112.6

85 52.9 37.1 68.9



#46

Tetrachloroethene

Concen: 23.435 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW030905.D

Acq: 04 Nov 2024 13:30

Tgt Ion:164 Resp: 139353

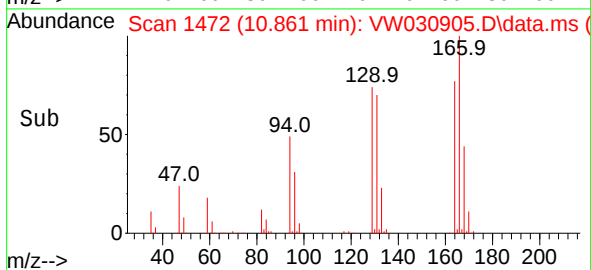
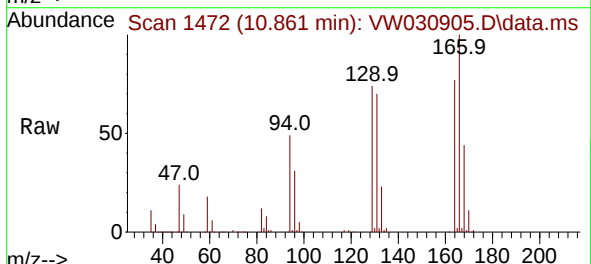
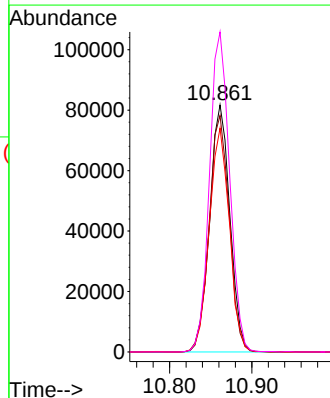
Ion Ratio Lower Upper

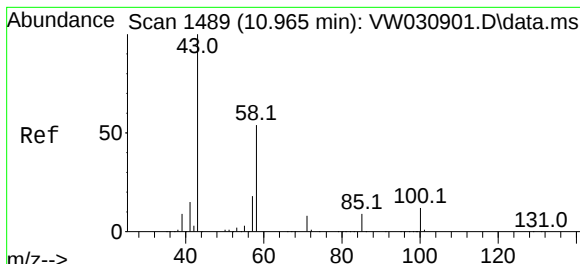
164 100

129 95.7 71.1 132.1

131 90.6 62.6 116.3

166 129.5 83.7 155.5



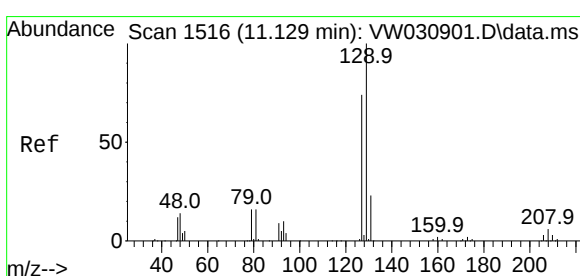
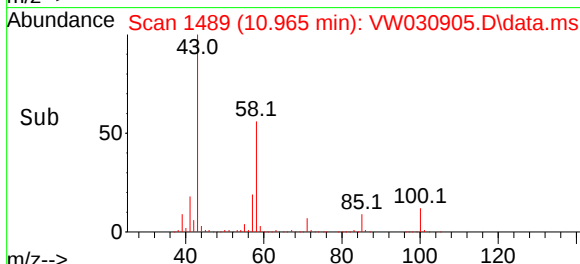
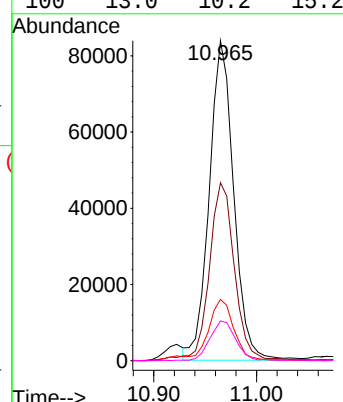
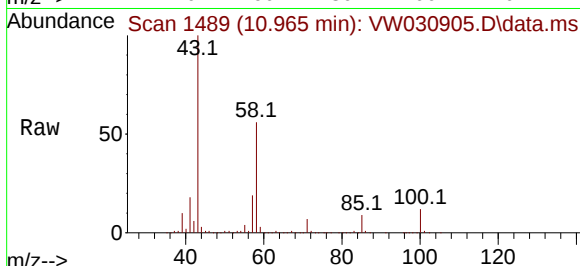


#48
2-Hexanone
Concen: 56.435 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW030905.D
Acq: 04 Nov 2024 13:30

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 138424

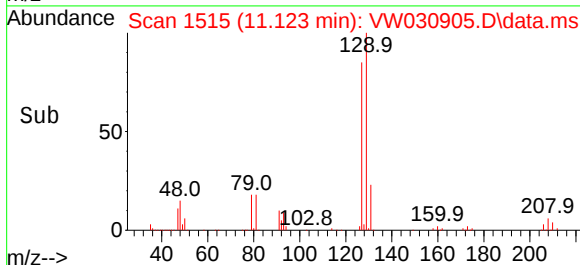
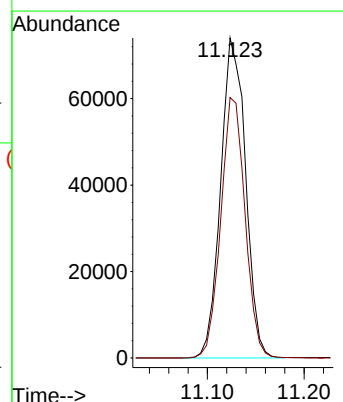
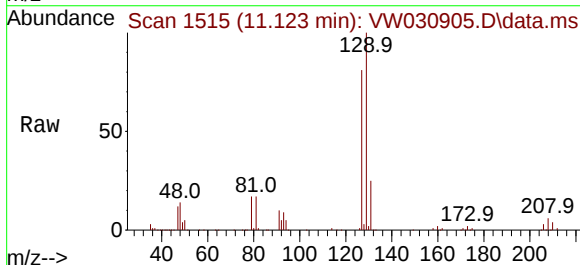
Ion	Ratio	Lower	Upper
43	100		
58	57.2	43.8	65.8
57	19.0	15.4	23.2
100	13.0	10.2	15.2

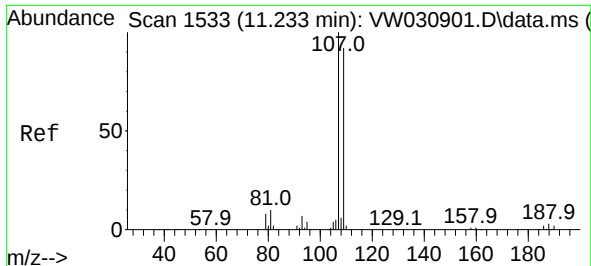


#49
Dibromochloromethane
Concen: 23.942 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW030905.D
Acq: 04 Nov 2024 13:30

Tgt Ion: 129 Resp: 132093

Ion	Ratio	Lower	Upper
129	100		
127	81.4	52.1	96.7





#50

1,2-Dibromoethane

Concen: 24.263 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW030905.D

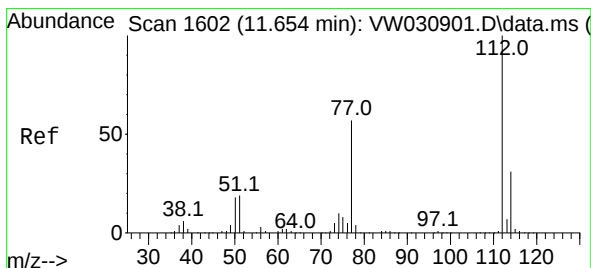
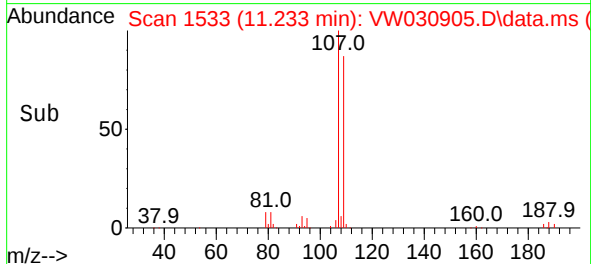
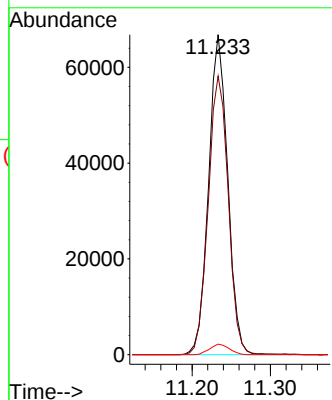
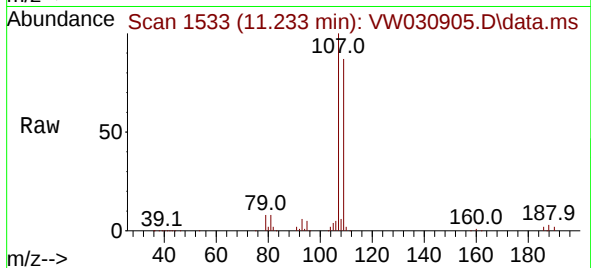
Acq: 04 Nov 2024 13:30

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	113223
Ion	Ratio	Lower	Upper
107	100		
109	87.1	64.3	119.3
188	3.3	2.7	4.1



#51

Chlorobenzene

Concen: 23.659 ug/L

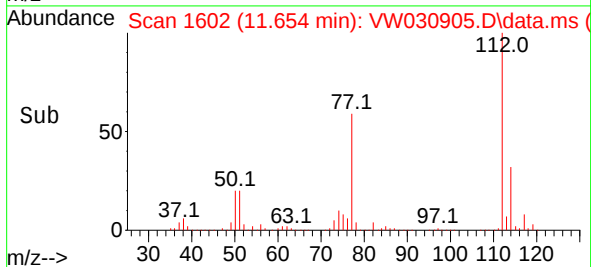
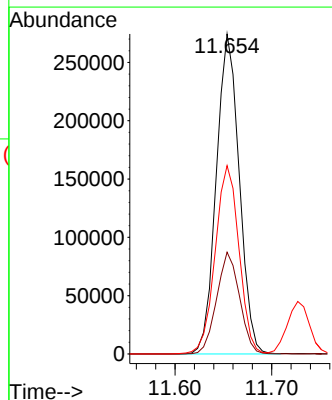
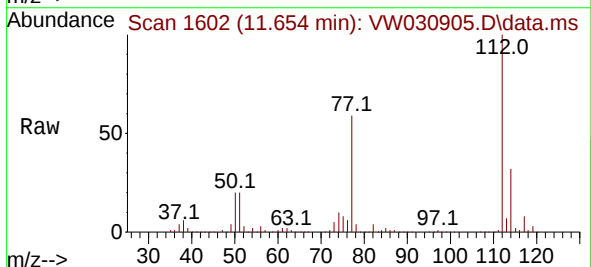
RT: 11.654 min Scan# 1602

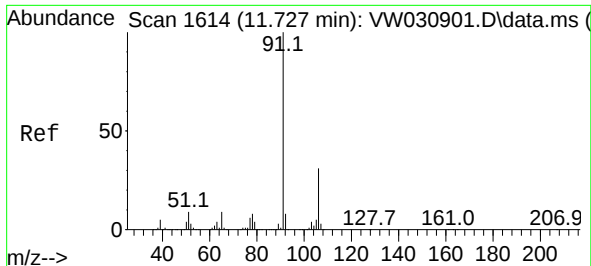
Delta R.T. 0.000 min

Lab File: VW030905.D

Acq: 04 Nov 2024 13:30

Tgt Ion:	112	Resp:	452297
Ion	Ratio	Lower	Upper
112	100		
114	31.8	21.9	40.7
77	58.8	45.3	67.9





#52

Ethylbenzene

Concen: 24.173 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030905.D

Acq: 04 Nov 2024 13:30

Instrument :

MSVOA_W

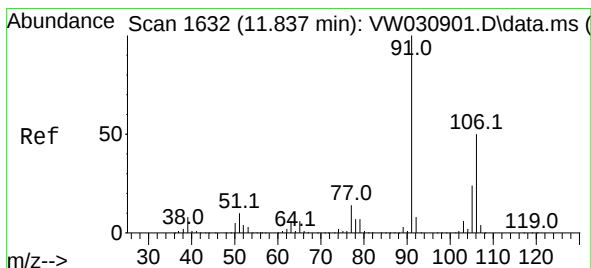
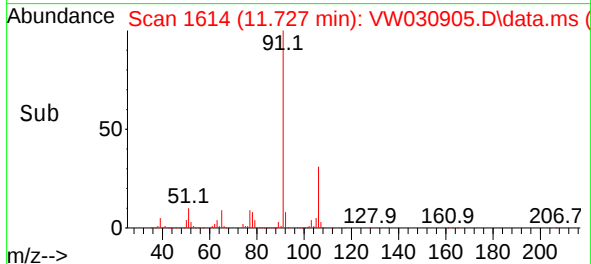
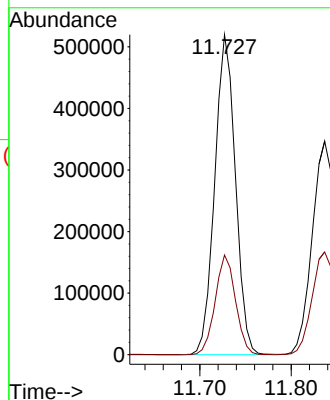
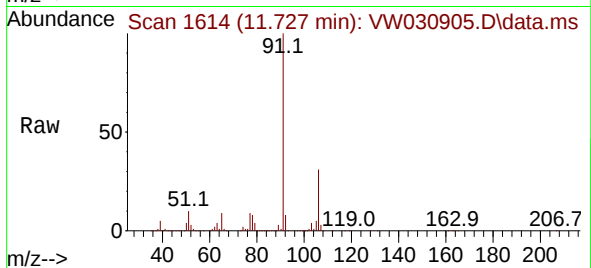
ClientSampleId :

Tgt Ion: 91 Resp: 815861

Ion Ratio Lower Upper

91 100

106 31.2 21.6 40.0



#53

m,p-Xylene

Concen: 24.368 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW030905.D

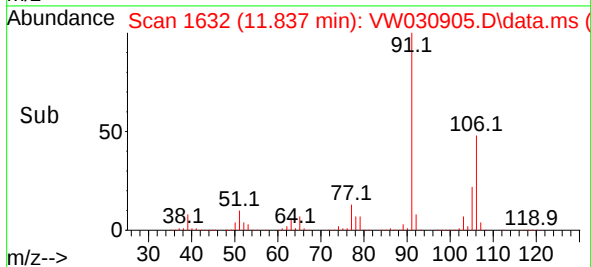
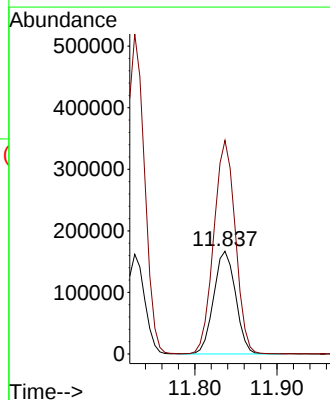
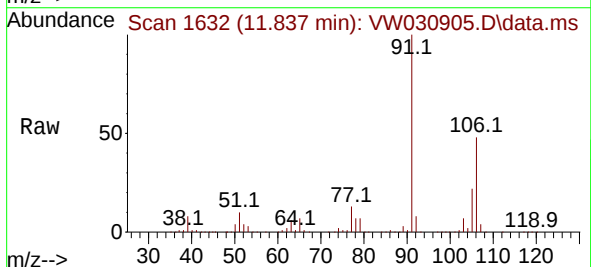
Acq: 04 Nov 2024 13:30

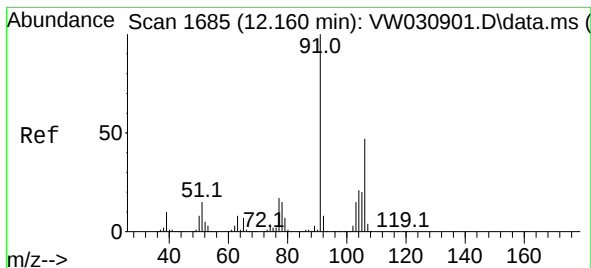
Tgt Ion:106 Resp: 309326

Ion Ratio Lower Upper

106 100

91 207.9 140.7 261.3





#54

o-Xylene

Concen: 25.027 ug/L

RT: 12.160 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030905.D

Acq: 04 Nov 2024 13:30

Instrument :

MSVOA_W

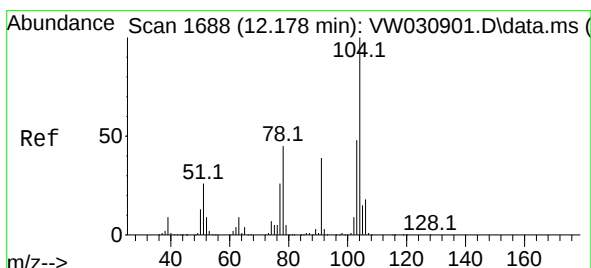
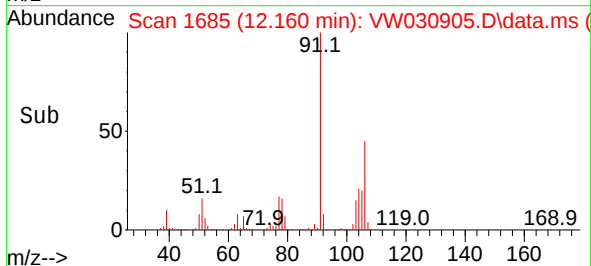
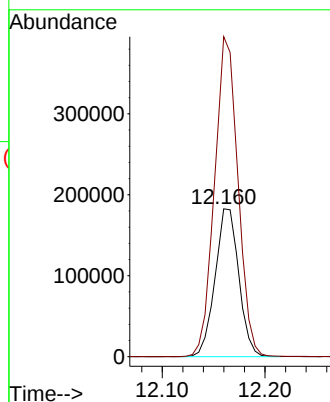
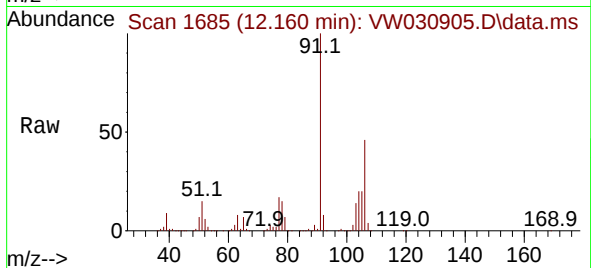
ClientSampleId :

Tgt Ion:106 Resp: 292322

Ion Ratio Lower Upper

106 100

91 216.4 149.9 278.3



#55

Styrene

Concen: 24.398 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW030905.D

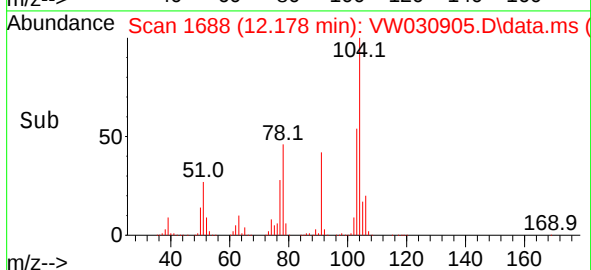
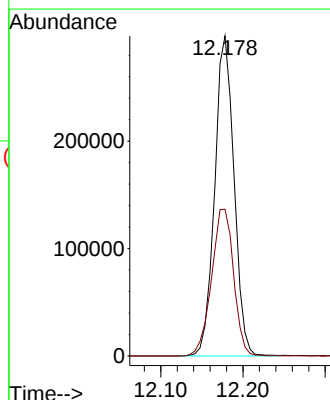
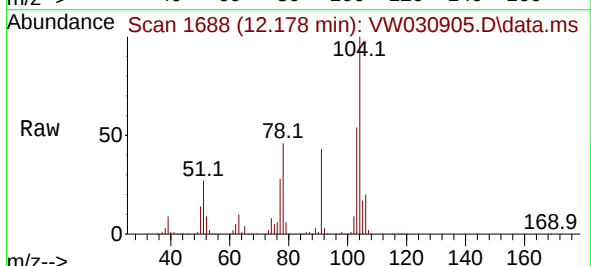
Acq: 04 Nov 2024 13:30

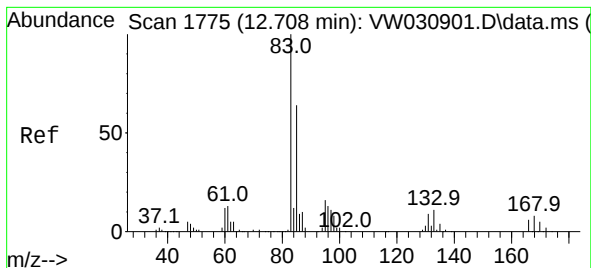
Tgt Ion:104 Resp: 486913

Ion Ratio Lower Upper

104 100

78 45.9 31.8 59.0





#57

1,1,2,2-Tetrachloroethane

Concen: 23.921 ug/L

RT: 12.709 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030905.D

Acq: 04 Nov 2024 13:30

Instrument :

MSVOA_W

ClientSampleId :

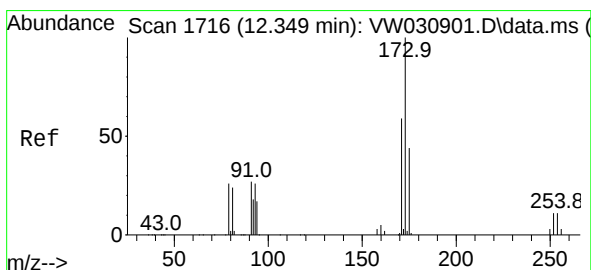
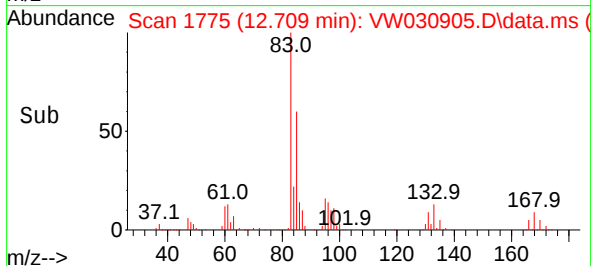
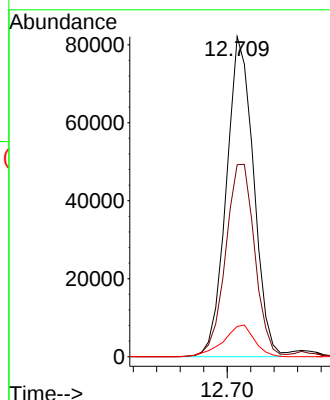
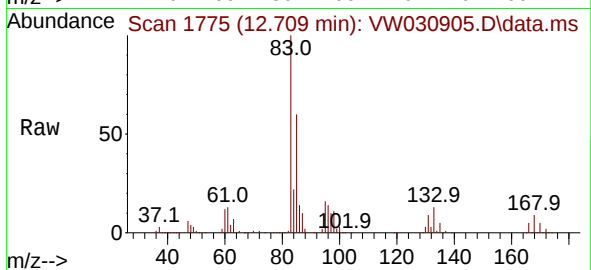
Tgt Ion: 83 Resp: 132100

Ion Ratio Lower Upper

83 100

85 60.0 45.1 83.7

131 9.5 7.7 11.5



#59

Bromoform

Concen: 23.413 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW030905.D

Acq: 04 Nov 2024 13:30

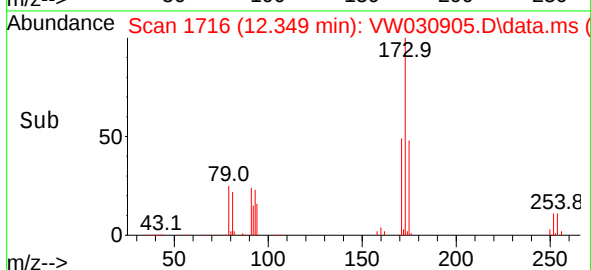
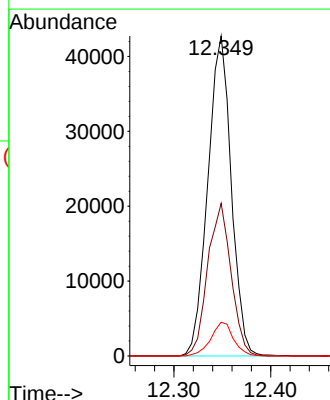
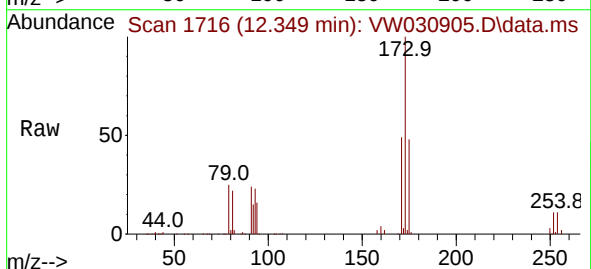
Tgt Ion:173 Resp: 72077

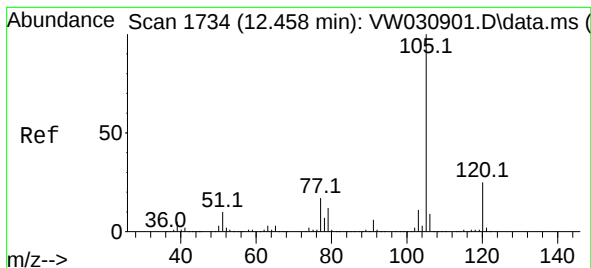
Ion Ratio Lower Upper

173 100

175 47.5 39.3 58.9

254 10.2 7.8 11.6





#60

Isopropylbenzene

Concen: 24.413 ug/L

RT: 12.459 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030905.D

Acq: 04 Nov 2024 13:30

Instrument :

MSVOA_W

ClientSampleId :

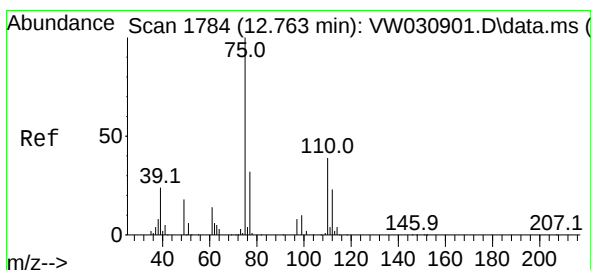
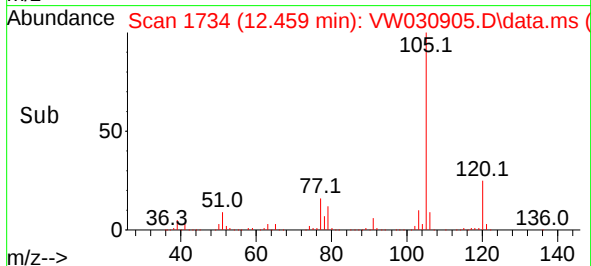
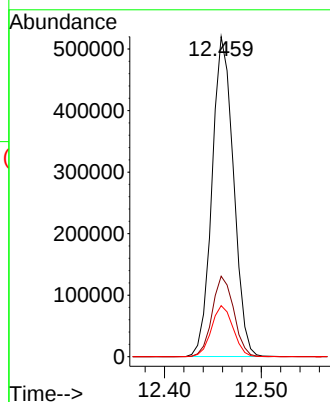
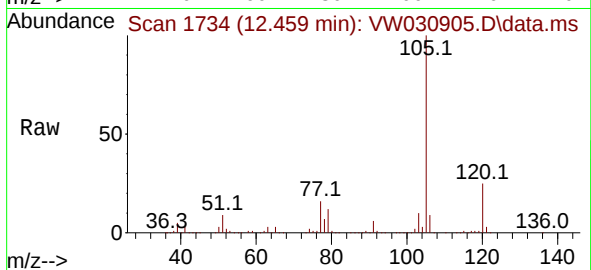
Tgt Ion:105 Resp: 802884

Ion Ratio Lower Upper

105 100

120 25.3 20.6 31.0

77 16.1 13.0 19.4



#61

1,2,3-Trichloropropane

Concen: 23.107 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW030905.D

Acq: 04 Nov 2024 13:30

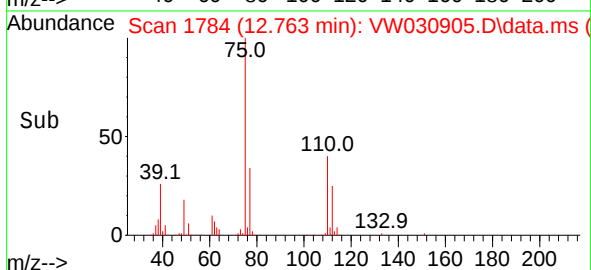
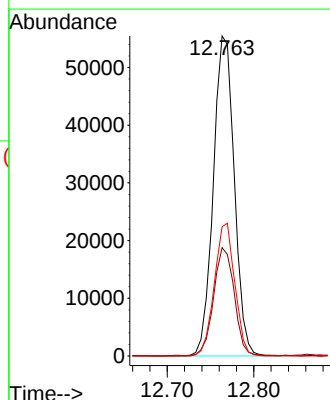
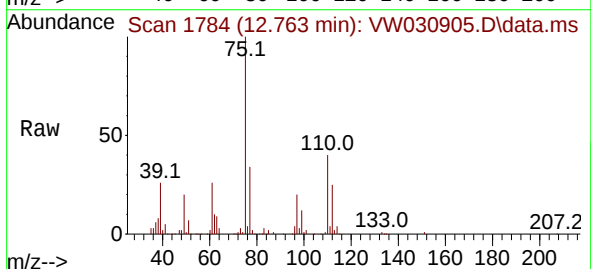
Tgt Ion: 75 Resp: 93399

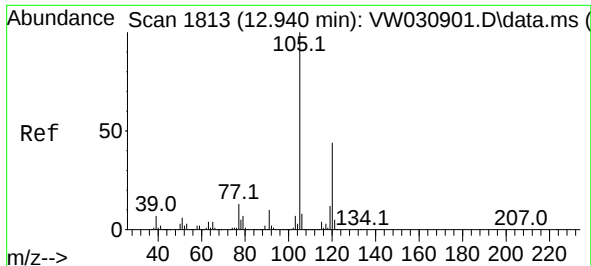
Ion Ratio Lower Upper

75 100

77 33.5 26.2 39.2

110 40.2 31.8 47.8





#62

1,3,5-Trimethylbenzene

Concen: 25.234 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW030905.D

Acq: 04 Nov 2024 13:30

Instrument :

MSVOA_W

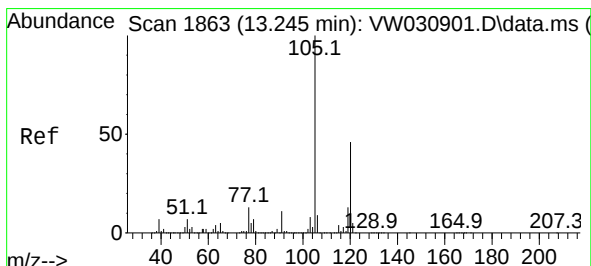
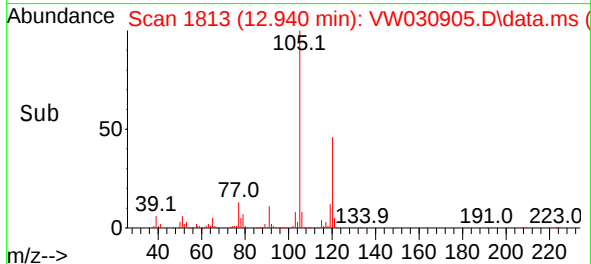
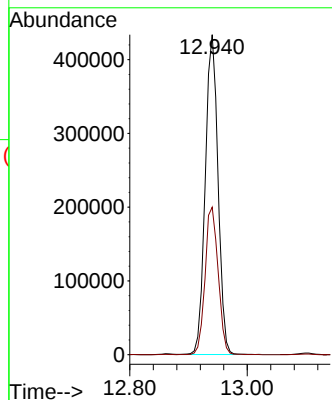
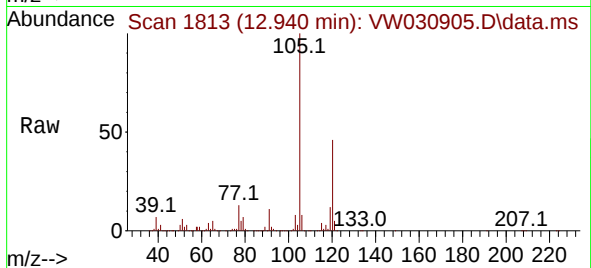
ClientSampleId :

Tgt Ion:105 Resp: 653395

Ion Ratio Lower Upper

105 100

120 47.1 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 25.451 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW030905.D

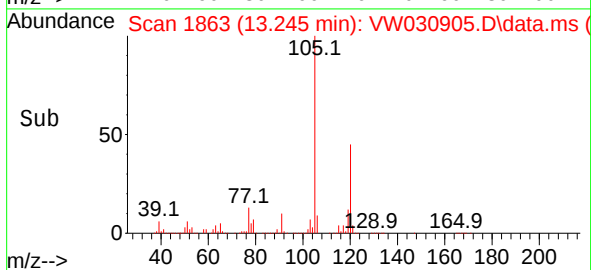
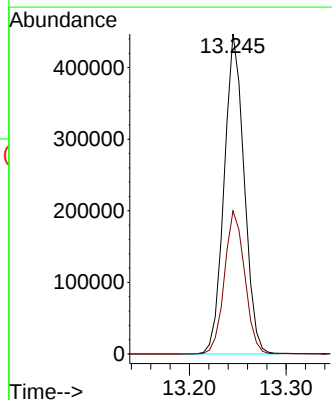
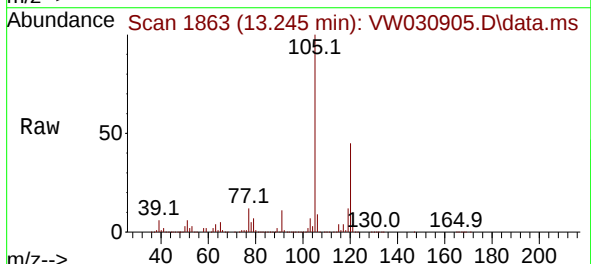
Acq: 04 Nov 2024 13:30

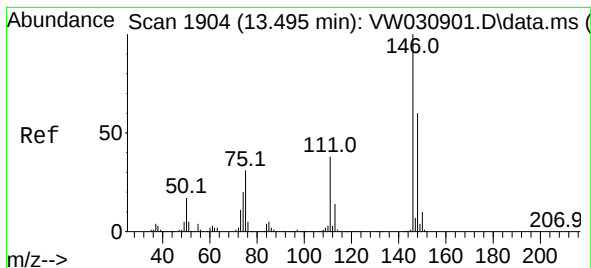
Tgt Ion:105 Resp: 641786

Ion Ratio Lower Upper

105 100

120 45.1 35.9 53.9





#64

1,3-Dichlorobenzene

Concen: 23.230 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

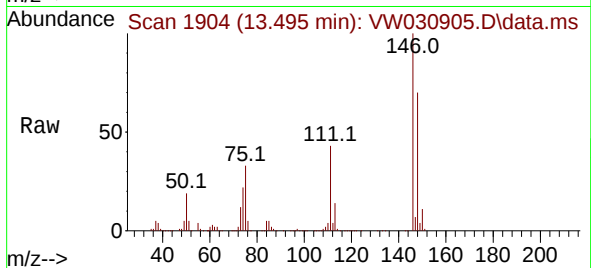
Lab File: VW030905.D

Acq: 04 Nov 2024 13:30

Instrument :

MSVOA_W

ClientSampleId :



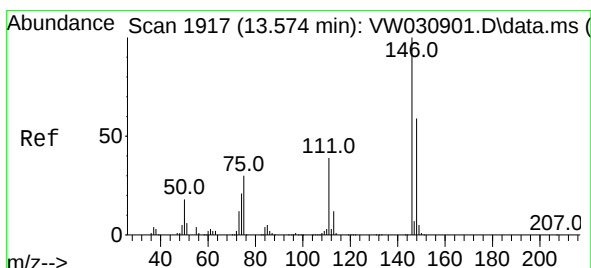
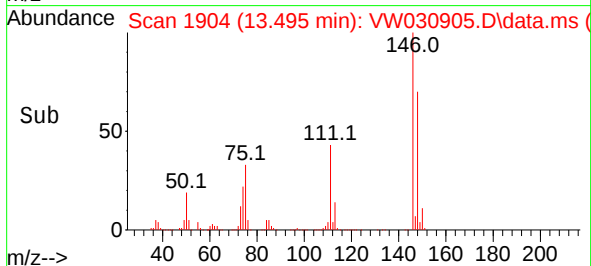
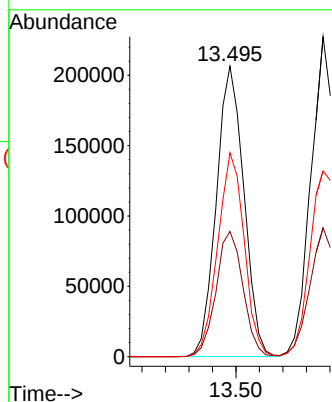
Tgt Ion:146 Resp: 335453

Ion Ratio Lower Upper

146 100

111 43.1 26.8 49.8

148 70.2 41.8 77.6



#65

1,4-Dichlorobenzene

Concen: 23.289 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW030905.D

Acq: 04 Nov 2024 13:30

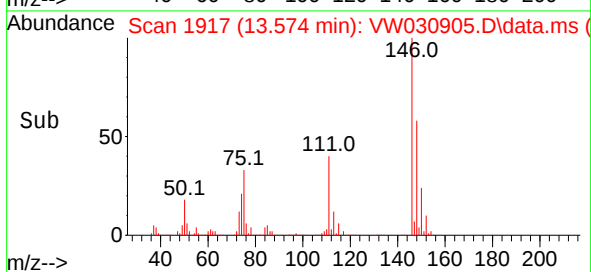
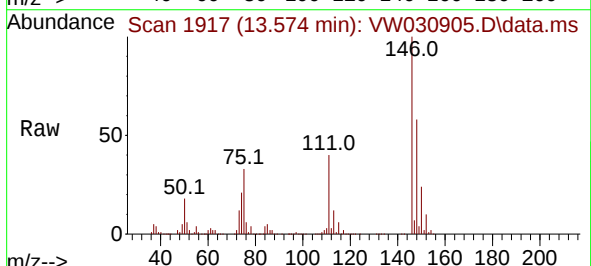
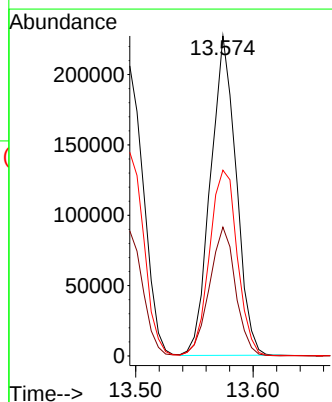
Tgt Ion:146 Resp: 345256

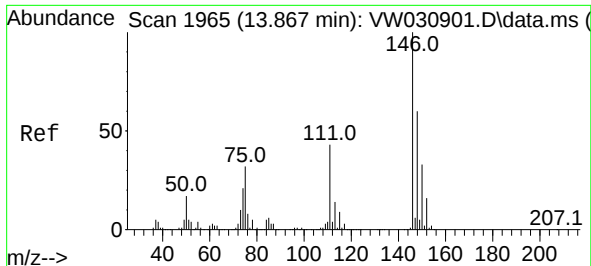
Ion Ratio Lower Upper

146 100

111 40.2 27.6 51.4

148 58.1 41.6 77.2





#67

1,2-Dichlorobenzene

Concen: 22.617 ug/L

RT: 13.861 min Scan# 1965

Delta R.T. -0.006 min

Lab File: VW030905.D

Acq: 04 Nov 2024 13:30

Instrument :

MSVOA_W

ClientSampleId :

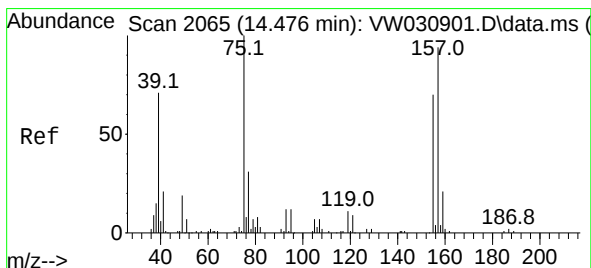
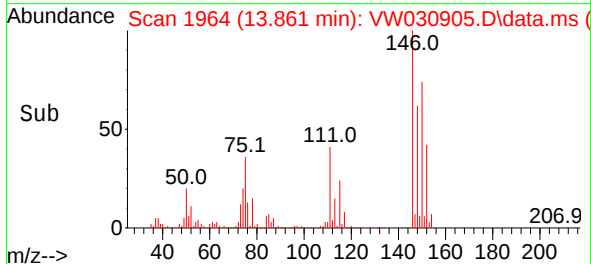
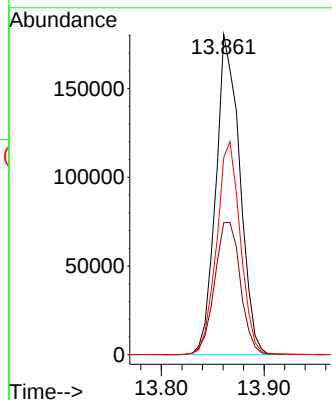
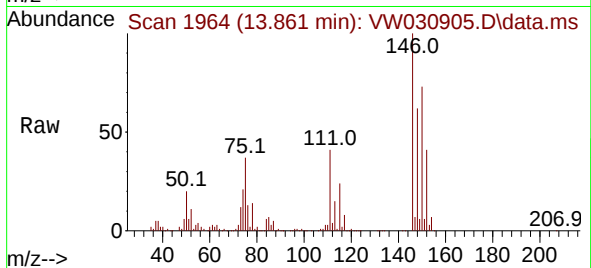
Tgt Ion:146 Resp: 291084

Ion Ratio Lower Upper

146 100

111 41.2 34.3 51.5

148 61.6 48.0 72.0



#68

1,2-Dibromo-3-chloropropane

Concen: 22.818 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW030905.D

Acq: 04 Nov 2024 13:30

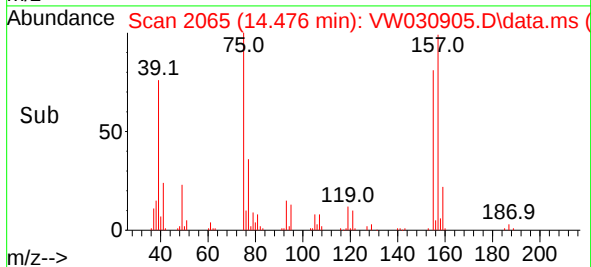
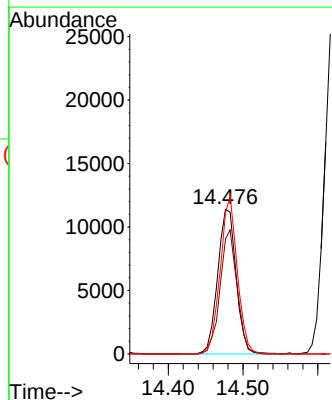
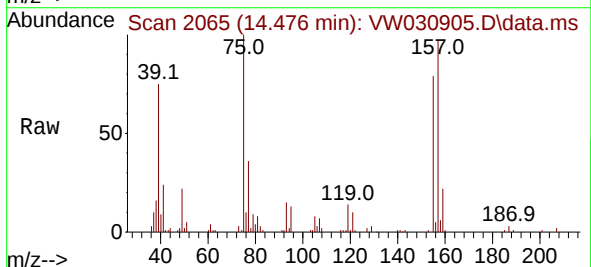
Tgt Ion: 75 Resp: 19527

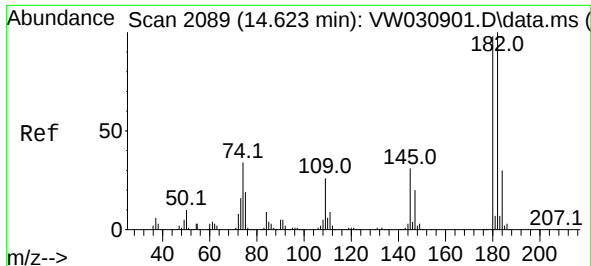
Ion Ratio Lower Upper

75 100

155 79.4 56.2 84.2

157 97.3 74.9 112.3





#69

1,3,5-Trichlorobenzene

Concen: 24.249 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

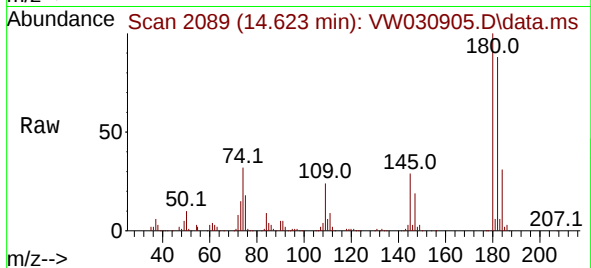
Lab File: VW030905.D

Acq: 04 Nov 2024 13:30

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 232367

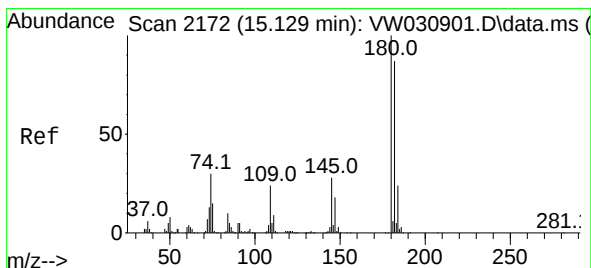
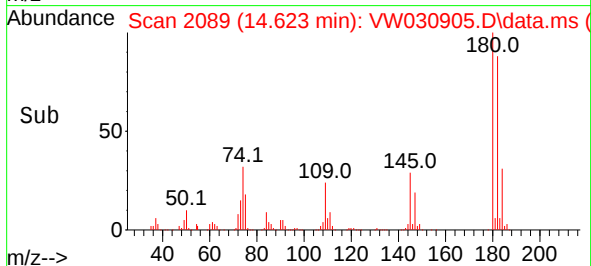
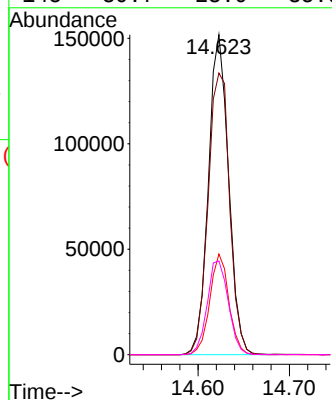
Ion Ratio Lower Upper

180 100

182 94.2 76.6 114.8

184 29.9 23.9 35.9

145 30.7 23.9 35.9



#70

1,2,4-trichlorobenzene

Concen: 24.225 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW030905.D

Acq: 04 Nov 2024 13:30

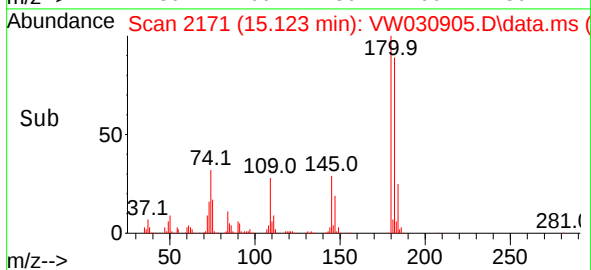
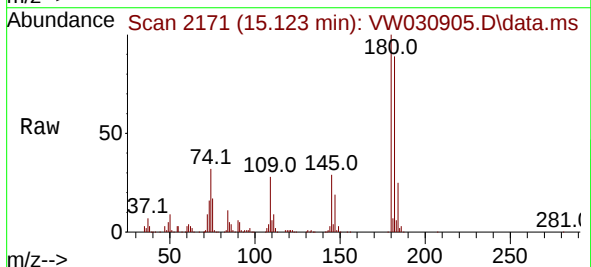
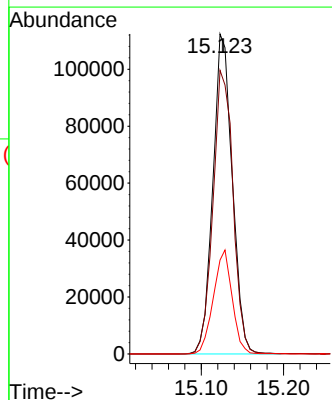
Tgt Ion:180 Resp: 184323

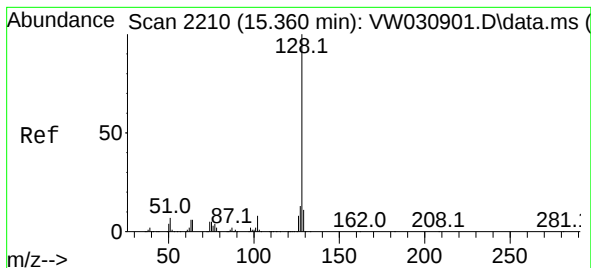
Ion Ratio Lower Upper

180 100

182 91.6 74.5 111.7

145 31.4 24.2 36.2





#71

Naphthalene

Concen: 26.106 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW030905.D

Acq: 04 Nov 2024 13:30

Instrument :

MSVOA_W

ClientSampleId :

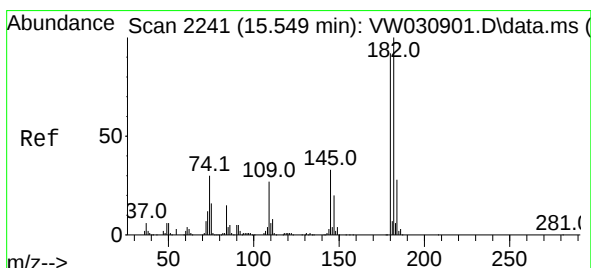
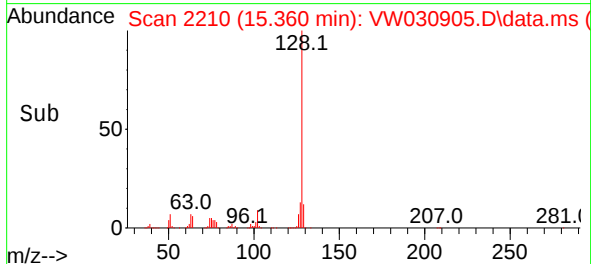
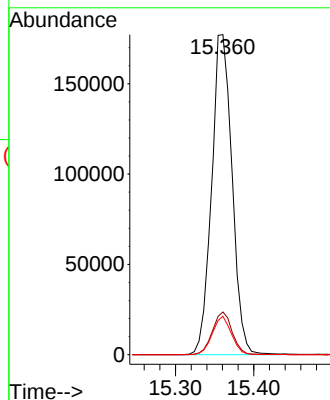
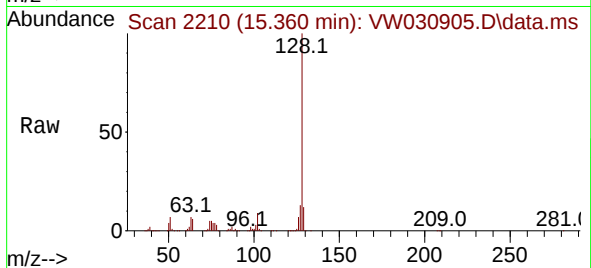
Tgt Ion:128 Resp: 322008

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

129 11.2 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 24.590 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW030905.D

Acq: 04 Nov 2024 13:30

Tgt Ion:180 Resp: 161252

Ion Ratio Lower Upper

180 100

182 91.4 79.2 118.8

145 33.3 27.0 40.6

