

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110424\
 Data File : VW030921.D
 Acq On : 04 Nov 2024 21:26
 Operator : SY/MD
 Sample : P4604-03MSD
 Misc : 5.61g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 05 00:45:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Nov 05 00:39:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	645749	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	561880	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	248028	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	218800	20.659	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.640%
7) Chloroethane-d5	2.893	69	169105	20.819	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.280%
11) 1,1-Dichloroethene-d2	4.027	65	92638	21.198	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.800%
21) 2-Butanone-d5	7.075	46	79661	45.707	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.420%
24) Chloroform-d	7.648	84	424381	22.293	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.160%
26) 1,2-Dichloroethane-d4	8.307	65	207324	21.904	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.600%
32) Benzene-d6	8.276	84	821365	23.530	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.120%
36) 1,2-Dichloropropane-d6	9.270	67	242153	23.532	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.120%
41) Toluene-d8	10.325	98	719825	22.990	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.960%
43) trans-1,3-Dichloroprop...	10.575	79	96083	23.035	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.160%
47) 2-Hexanone-d5	10.922	63	67481	50.600	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.200%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	170033	23.717	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.880%
66) 1,2-Dichlorobenzene-d4	13.849	152	218629	24.199	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	92712	13.479	ug/L #	86
3) Chloromethane	2.229	50	166179	17.930	ug/L	97
5) Vinyl chloride	2.381	62	179396	16.332	ug/L	99
6) Bromomethane	2.789	94	119187	16.526	ug/L	93
8) Chloroethane	2.930	64	110063	16.529	ug/L	98
9) Trichlorofluoromethane	3.265	101	153113	15.274	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	144697	15.679	ug/L	91
12) 1,1-Dichloroethene	4.045	96	148190	17.754	ug/L #	75
13) Acetone	4.119	43	52247	24.544	ug/L	97
14) Carbon disulfide	4.399	76	448484	16.345	ug/L	99
15) Methyl Acetate	4.667	43	56797	18.191	ug/L	98
16) Methylene chloride	4.923	84	158711	17.385	ug/L	96
17) trans-1,2-Dichloroethene	5.423	96	159749	17.446	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	239501	19.379	ug/L	99
19) 1,1-Dichloroethane	6.216	63	303315	17.751	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	177307	18.253	ug/L	97
22) 2-Butanone	7.173	43	80065	33.587	ug/L	99
23) Bromochloromethane	7.514	128	78439	18.438	ug/L	95
25) Chloroform	7.673	83	316372	17.597	ug/L	92

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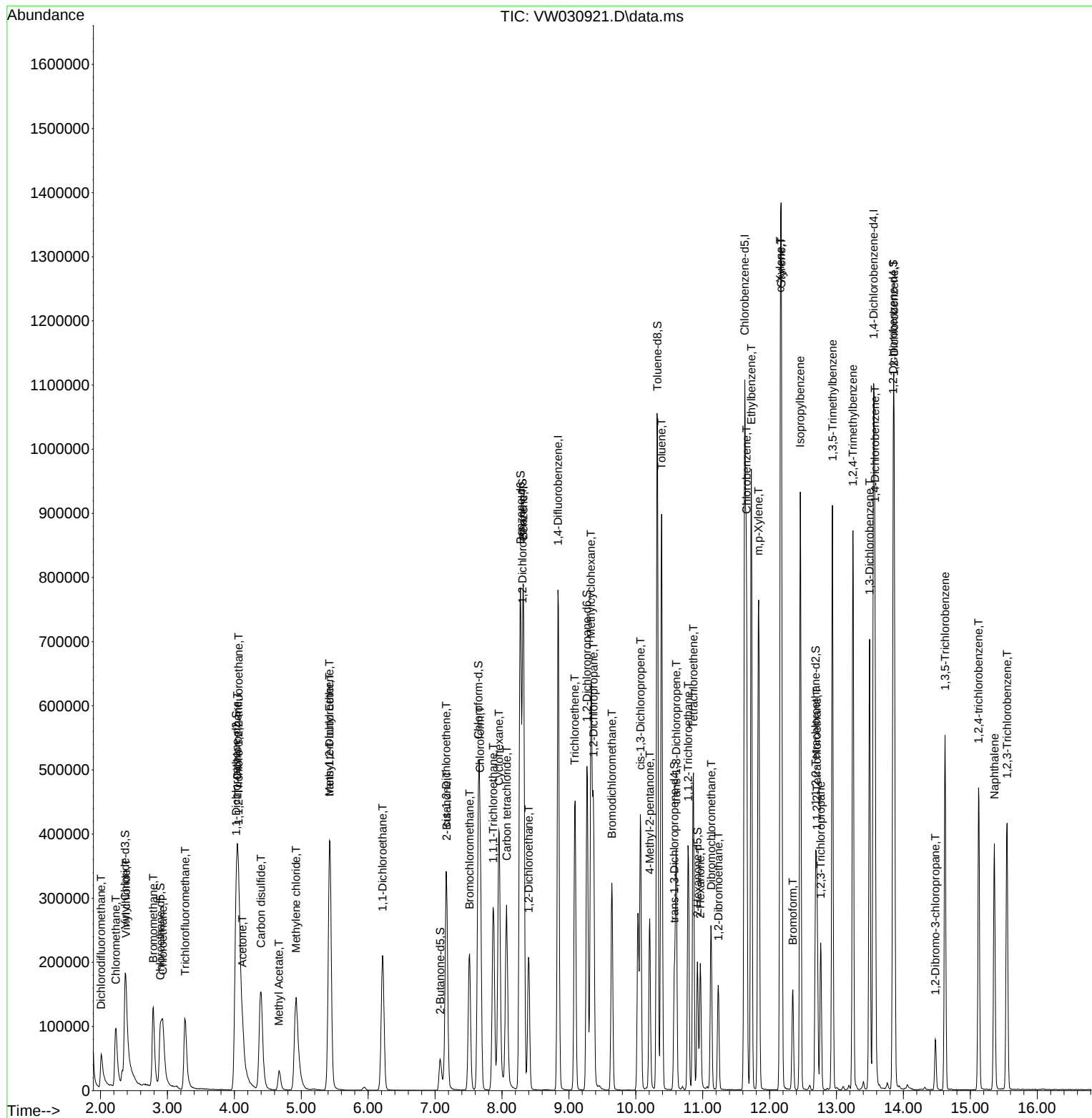
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	192920	17.230	ug/L	99
29) Cyclohexane	7.953	56	247070	18.349	ug/L	100
30) 1,1,1-Trichloroethane	7.868	97	243143	16.846	ug/L	99
31) Carbon tetrachloride	8.069	117	218229	16.826	ug/L	100
33) Benzene	8.319	78	676241	18.672	ug/L	100
34) Trichloroethene	9.087	95	164504	16.472	ug/L	91
35) Methylcyclohexane	9.331	83	266506	16.837	ug/L	98
37) 1,2-Dichloropropane	9.368	63	168726	18.642	ug/L	99
38) Bromodichloromethane	9.642	83	219762	18.489	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	258808	19.115	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	170948	41.300	ug/L	98
42) Toluene	10.386	91	673313	17.557	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	208122	18.503	ug/L	94
45) 1,1,2-Trichloroethane	10.782	97	123213	18.966	ug/L	97
46) Tetrachloroethene	10.861	164	110476	14.470	ug/L	97
48) 2-Hexanone	10.965	43	120957	38.410	ug/L	96
49) Dibromochloromethane	11.129	129	139477	19.691	ug/L	94
50) 1,2-Dibromoethane	11.233	107	112834	18.833	ug/L	94
51) Chlorobenzene	11.654	112	409591	16.688	ug/L	91
52) Ethylbenzene	11.727	91	666495	15.381	ug/L	98
53) m,p-Xylene	11.837	106	252810	15.512	ug/L	96
54) o-Xylene	12.160	106	248643	16.580	ug/L	93
55) Styrene	12.178	104	443523	17.310	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	134587	18.983	ug/L	96
59) Bromoform	12.349	173	71138	20.086	ug/L	99
60) Isopropylbenzene	12.459	105	587750	15.535	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	95495	20.536	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	485598	16.302	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	467321	16.109	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	277959	16.732	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	288172	16.897	ug/L	95
67) 1,2-Dichlorobenzene	13.861	146	268801	18.155	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	20849	21.178	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	167835	15.225	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	153323	17.516	ug/L	98
71) Naphthalene	15.360	128	320565	22.591	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	146536	19.425	ug/L	91

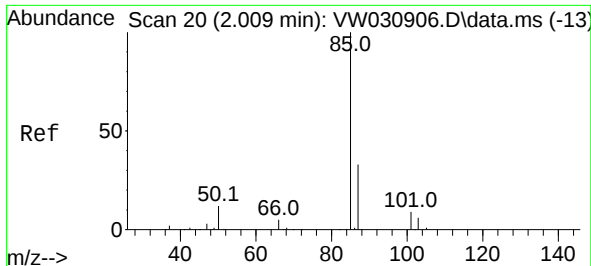
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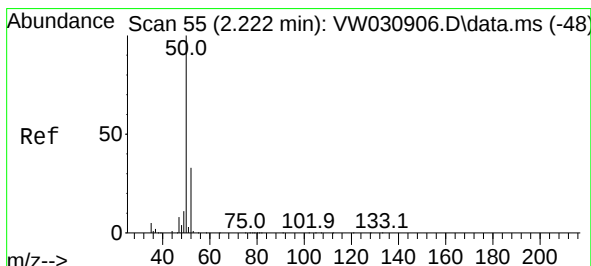
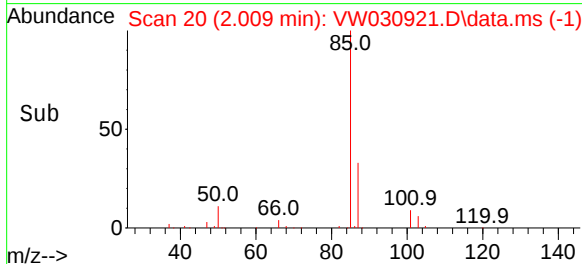
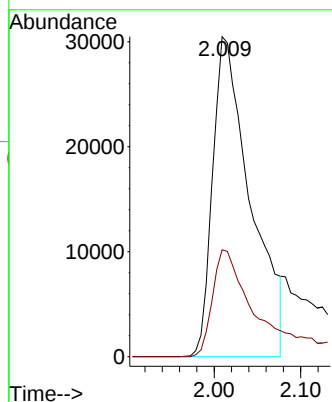
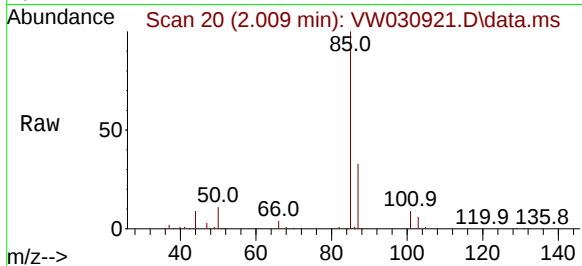




#2
 Dichlorodifluoromethane
 Concen: 13.479 ug/L
 RT: 2.009 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VW030921.D
 Acq: 04 Nov 2024 21:26

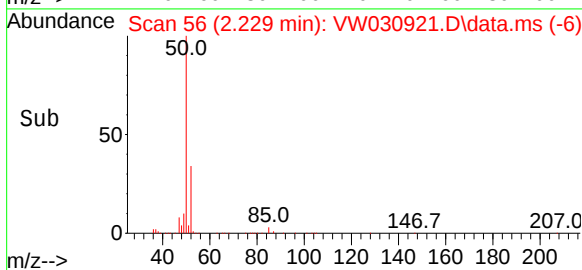
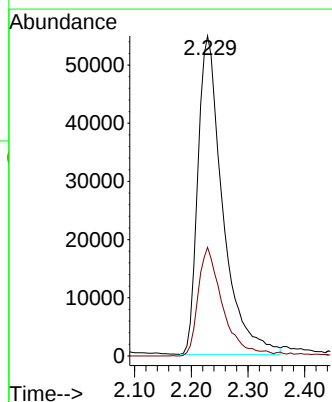
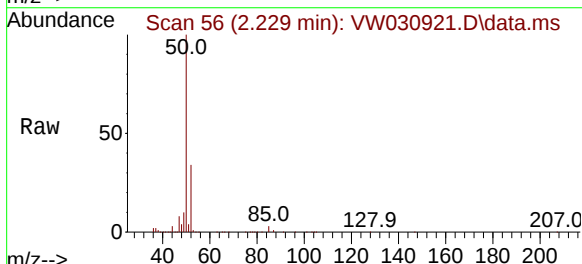
Instrument :
 MSVOA_W
 ClientSampleId :

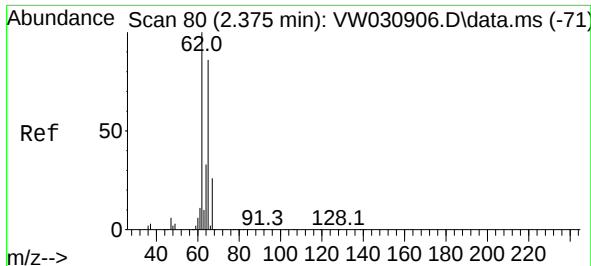
Tgt Ion: 85 Resp: 92712
 Ion Ratio Lower Upper
 85 100
 87 38.0 24.2 36.4#



#3
 Chloromethane
 Concen: 17.930 ug/L
 RT: 2.229 min Scan# 56
 Delta R.T. 0.006 min
 Lab File: VW030921.D
 Acq: 04 Nov 2024 21:26

Tgt Ion: 50 Resp: 166179
 Ion Ratio Lower Upper
 50 100
 52 34.0 22.5 41.9

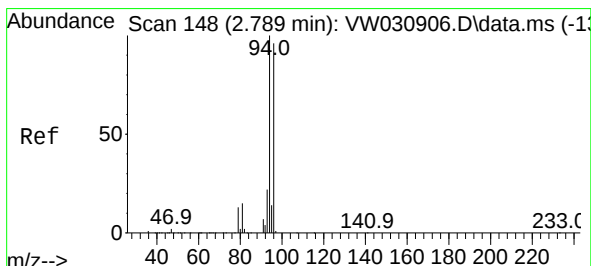
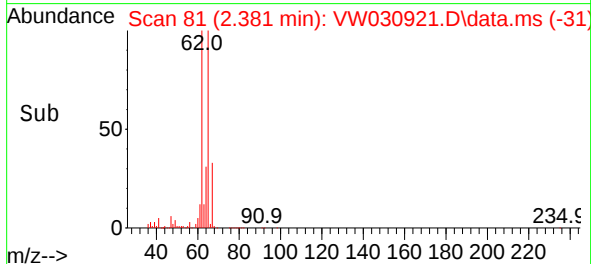
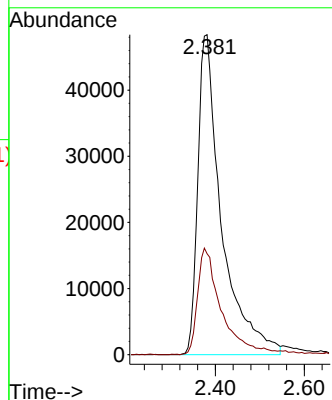
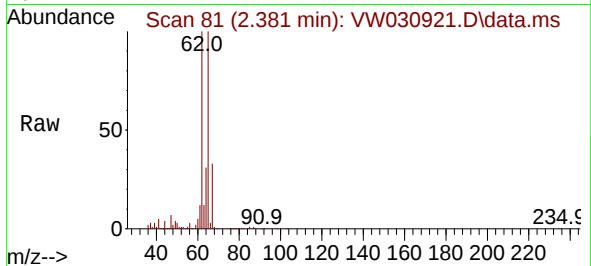




#5
 Vinyl chloride
 Concen: 16.332 ug/L
 RT: 2.381 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: VW030921.D
 Acq: 04 Nov 2024 21:26

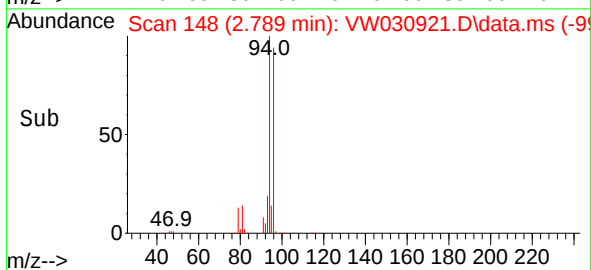
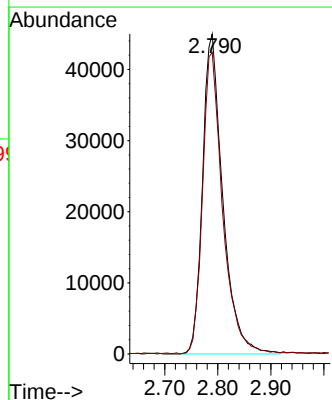
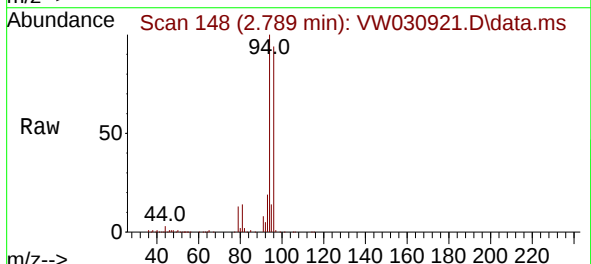
Instrument :
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 ClientSampleId :

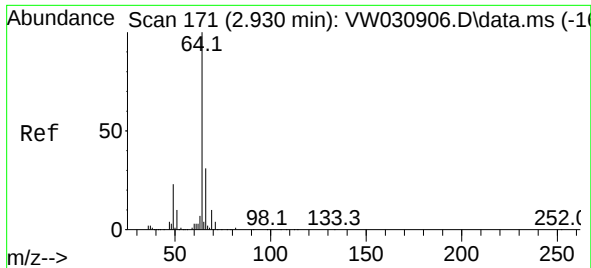
Tgt Ion: 62 Resp: 179396
 Ion Ratio Lower Upper
 62 100
 64 31.5 21.7 40.3



#6
 Bromomethane
 Concen: 16.526 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW030921.D
 Acq: 04 Nov 2024 21:26

Tgt Ion: 94 Resp: 119187
 Ion Ratio Lower Upper
 94 100
 96 94.2 61.6 114.4

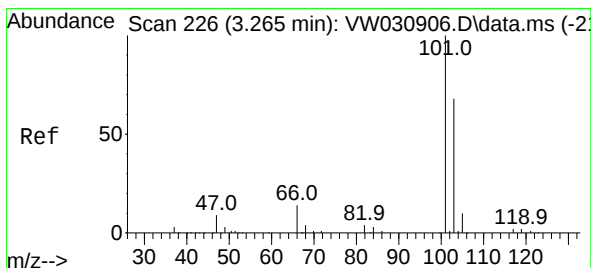
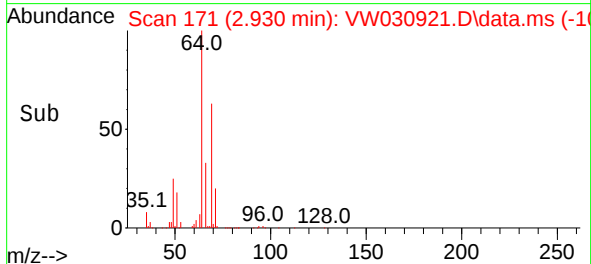
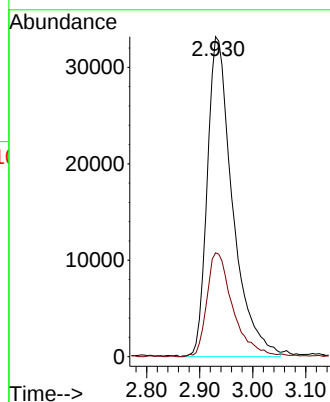
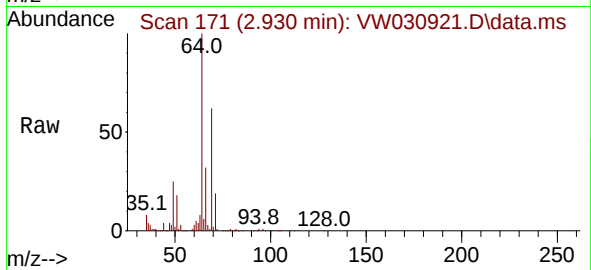




#8
Chloroethane
Concen: 16.529 ug/L
RT: 2.930 min Scan# 171
Delta R.T. 0.000 min
Lab File: VW030921.D
Acq: 04 Nov 2024 21:26

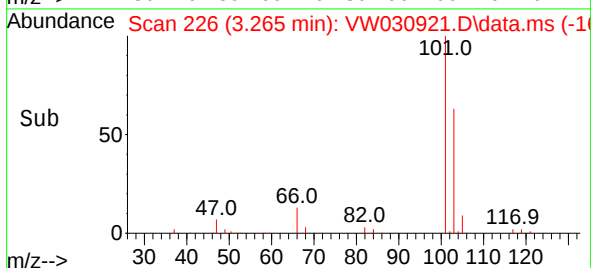
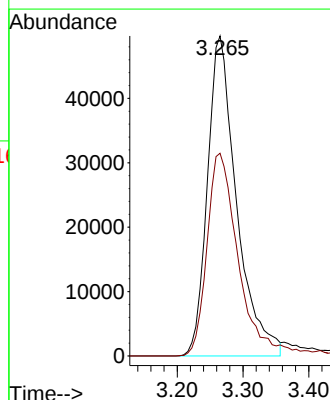
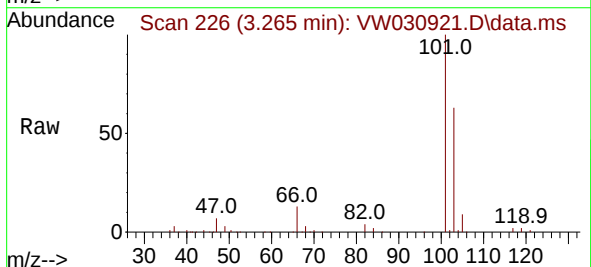
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MSVOA_W
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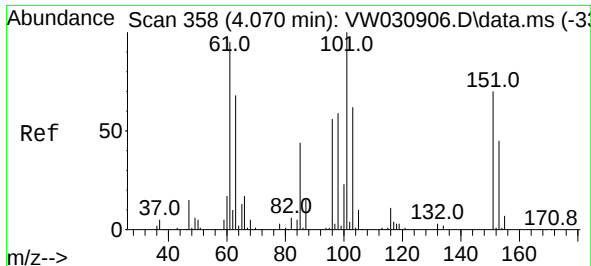
Tgt Ion: 64 Resp: 110063
Ion Ratio Lower Upper
64 100
66 32.5 23.5 43.7



#9
Trichlorofluoromethane
Concen: 15.274 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW030921.D
Acq: 04 Nov 2024 21:26

Tgt Ion:101 Resp: 153113
Ion Ratio Lower Upper
101 100
103 64.7 51.8 77.6





#10

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

Concen: 15.679 ug/L

RT: 4.064 min Scan# 358

Delta R.T. -0.006 min

Lab File: VW030921.D

Acq: 04 Nov 2024 21:26

Instrument :

MSVOA_W

ClientSampleId :

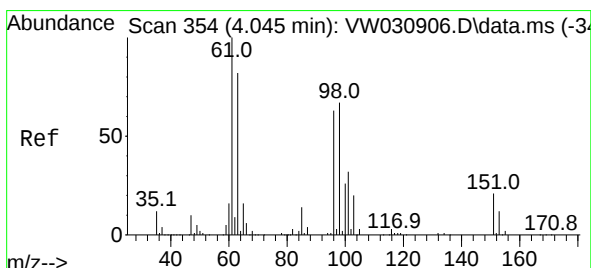
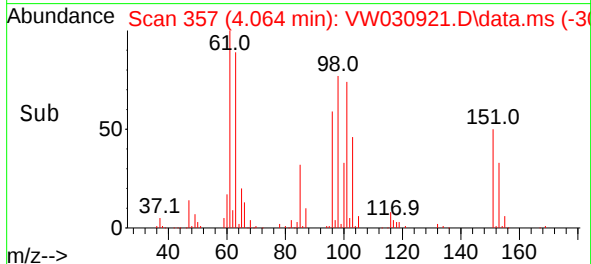
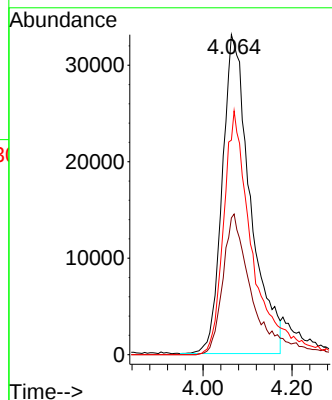
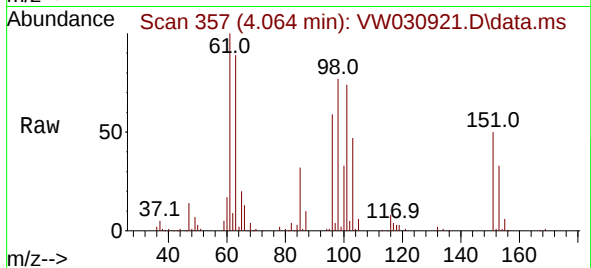
Tgt Ion:101 Resp: 144697

Ion Ratio Lower Upper

101 100

85 40.7 32.9 49.3

151 75.1 51.0 76.6



#12

1,1-Dichloroethene

Concen: 17.754 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.000 min

Lab File: VW030921.D

Acq: 04 Nov 2024 21:26

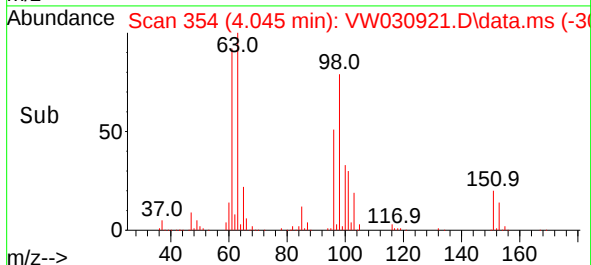
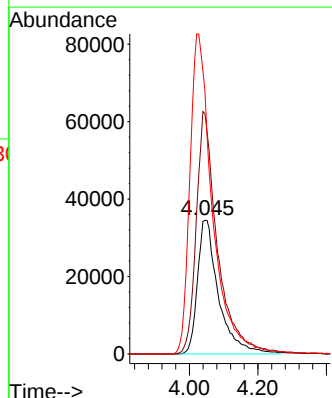
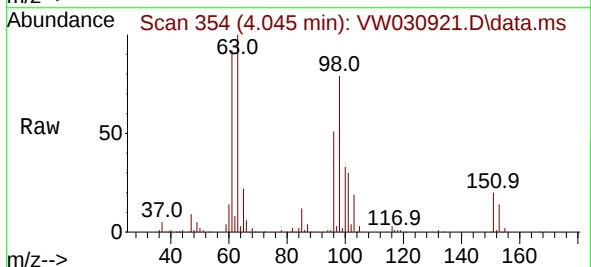
Tgt Ion: 96 Resp: 148190

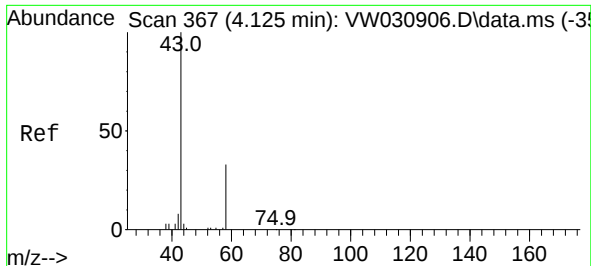
Ion Ratio Lower Upper

96 100

61 179.5 118.9 220.7

63 196.0 97.8 181.6#

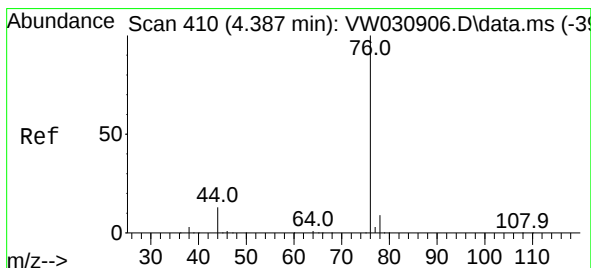
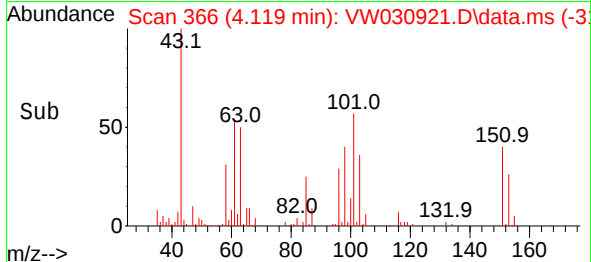
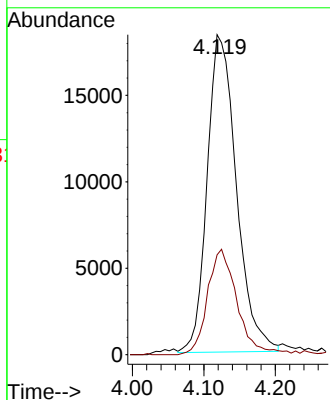
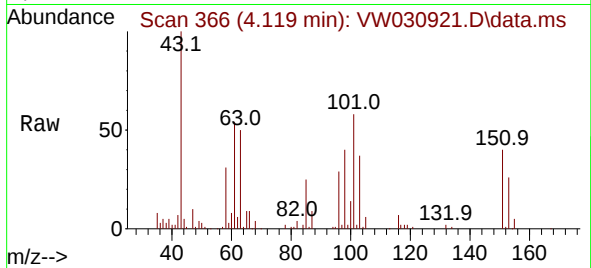




#13
Acetone
Concen: 24.544 ug/L
RT: 4.119 min Scan# 366
Delta R.T. -0.006 min
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Acq: 04 Nov 2024 21:26

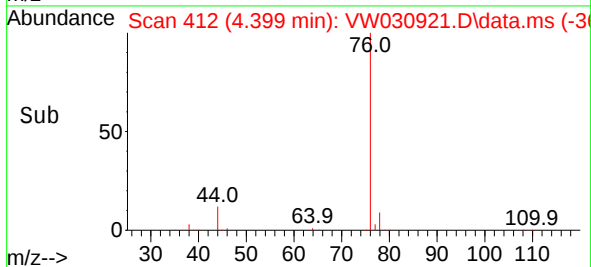
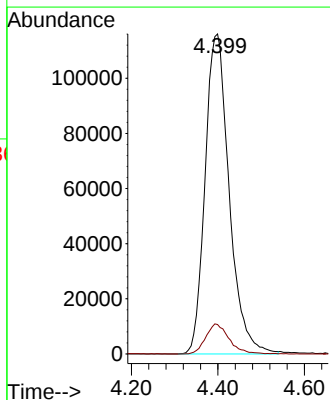
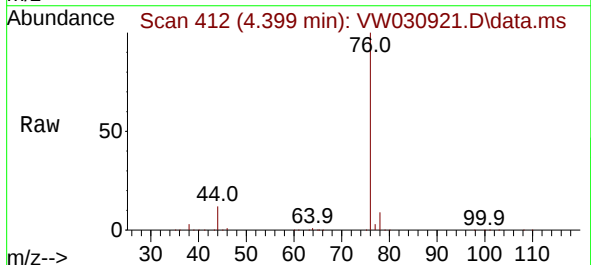
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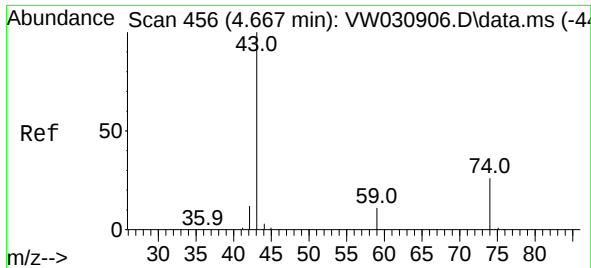
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Ion Ratio Lower Upper
43 100
58 32.8 0.0 62.6



#14
Carbon disulfide
Concen: 16.345 ug/L
RT: 4.399 min Scan# 412
Delta R.T. 0.012 min
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Acq: 04 Nov 2024 21:26

Tgt Ion: 76 Resp: 448484
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7

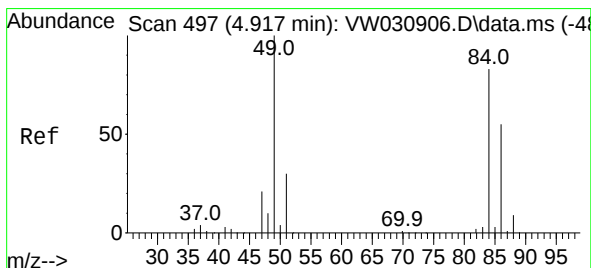
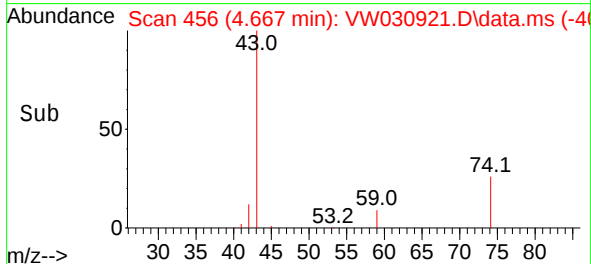
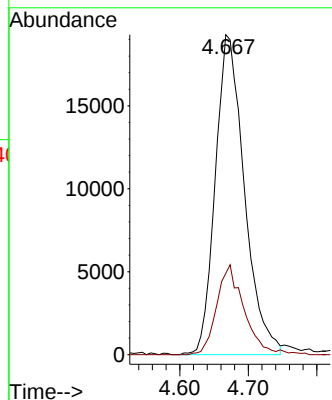
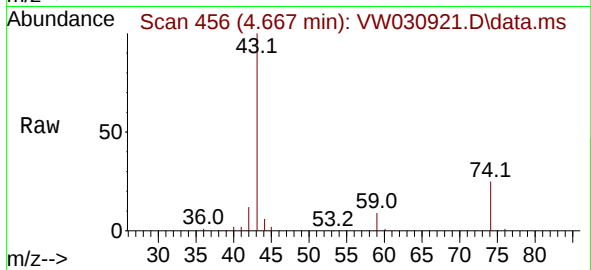




#15
Methyl Acetate
Concen: 18.191 ug/L
RT: 4.667 min Scan# 456
Delta R.T. 0.000 min
Lab File: VW030921.D
Acq: 04 Nov 2024 21:26

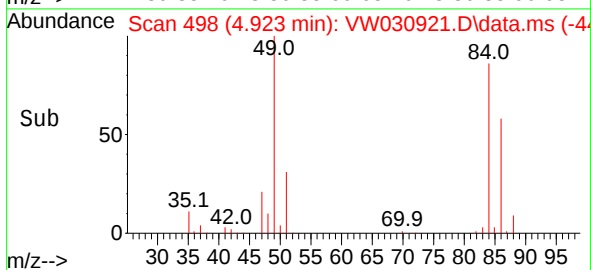
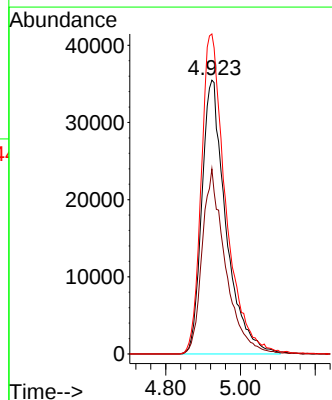
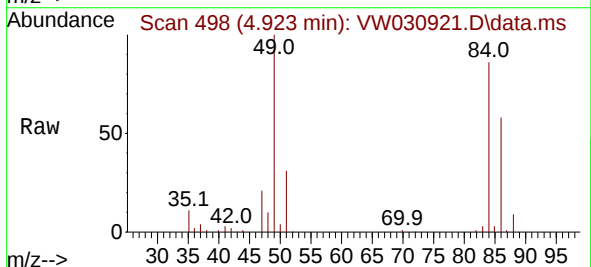
Instrument :
MSVOA_W
ClientSampleId :

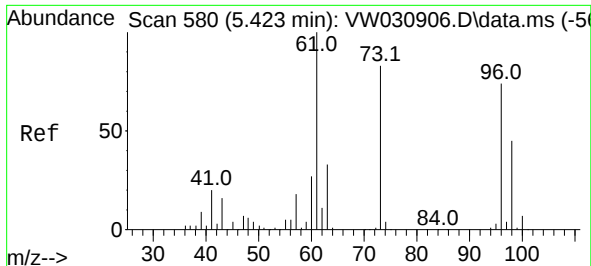
Tgt Ion: 43 Resp: 56797
Ion Ratio Lower Upper
43 100
74 26.0 20.2 30.2



#16
Methylene chloride
Concen: 17.385 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW030921.D
Acq: 04 Nov 2024 21:26

Tgt Ion: 84 Resp: 158711
Ion Ratio Lower Upper
84 100
86 67.6 41.8 77.6
49 116.9 82.8 153.8





#17

trans-1,2-Dichloroethene

Concen: 17.446 ug/L

RT: 5.423 min Scan# 580

Delta R.T. 0.000 min

Lab File: VW030921.D

Acq: 04 Nov 2024 21:26

Instrument :

MSVOA_W

ClientSampleId :

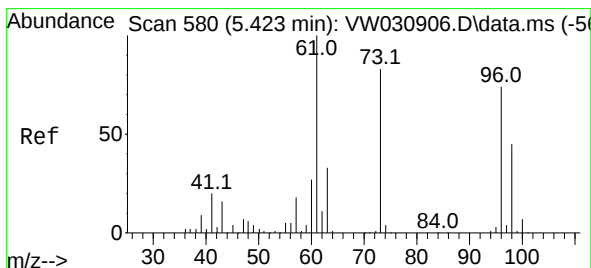
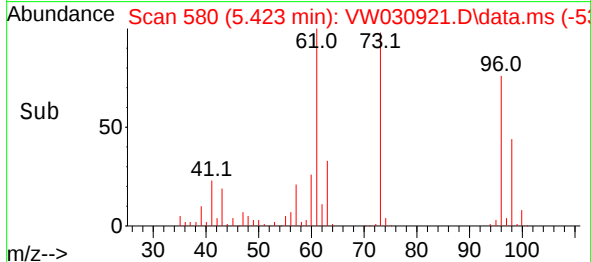
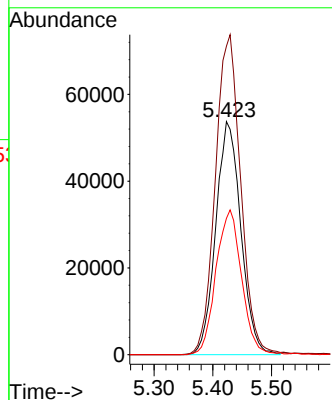
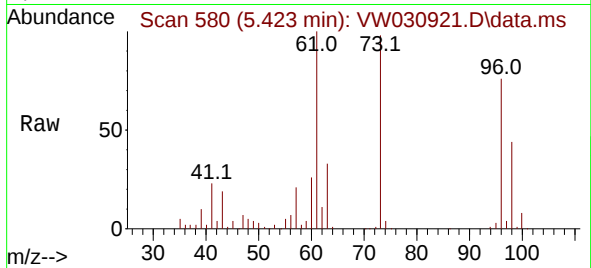
Tgt Ion: 96 Resp: 159749

Ion Ratio Lower Upper

96 100

61 132.3 95.2 176.8

98 58.5 42.6 79.2



#18

Methyl tert-butyl Ether

Concen: 19.379 ug/L

RT: 5.423 min Scan# 580

Delta R.T. 0.000 min

Lab File: VW030921.D

Acq: 04 Nov 2024 21:26

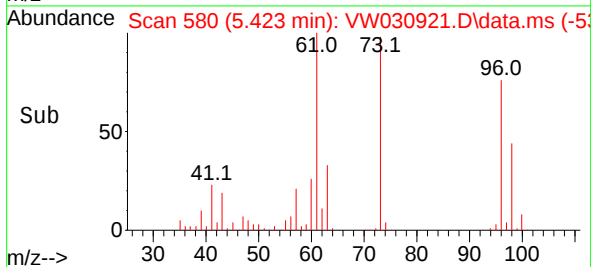
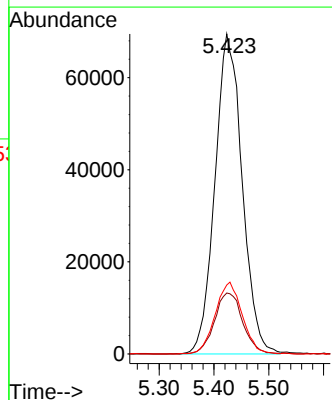
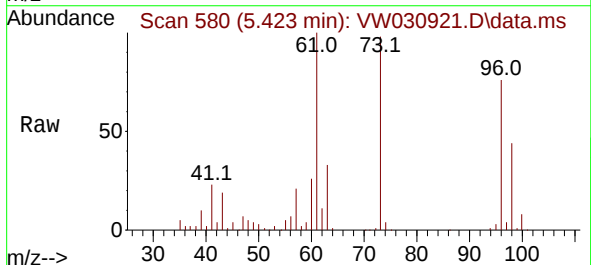
Tgt Ion: 73 Resp: 239501

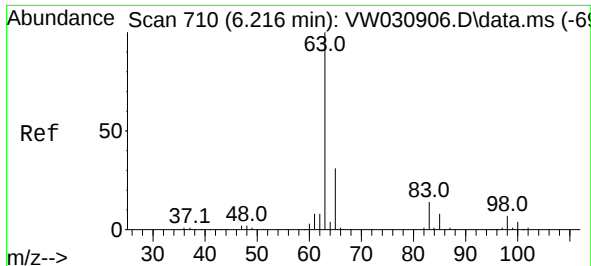
Ion Ratio Lower Upper

73 100

43 19.8 16.2 24.2

57 22.2 17.3 25.9





#19

1,1-Dichloroethane

Concen: 17.751 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW030921.D

Acq: 04 Nov 2024 21:26

Instrument :

MSVOA_W

ClientSampleId :

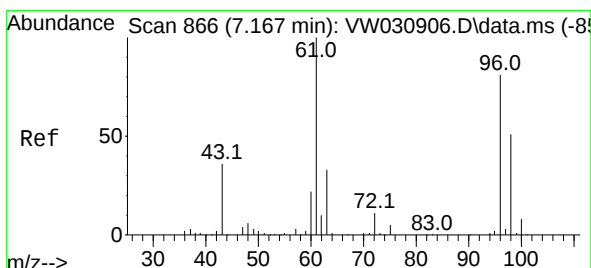
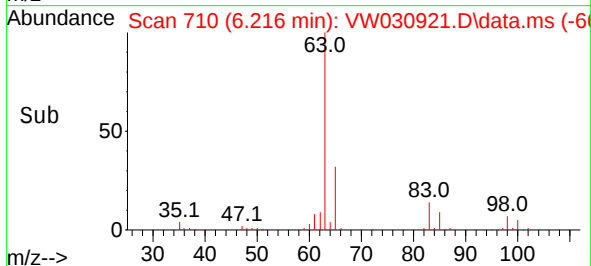
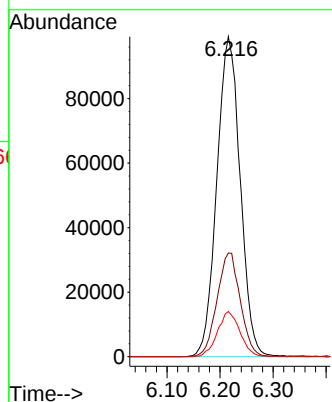
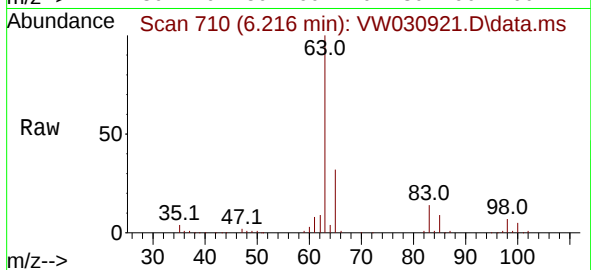
Tgt Ion: 63 Resp: 303315

Ion Ratio Lower Upper

63 100

65 32.4 23.0 42.8

83 14.1 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 18.253 ug/L

RT: 7.167 min Scan# 866

Delta R.T. 0.000 min

Lab File: VW030921.D

Acq: 04 Nov 2024 21:26

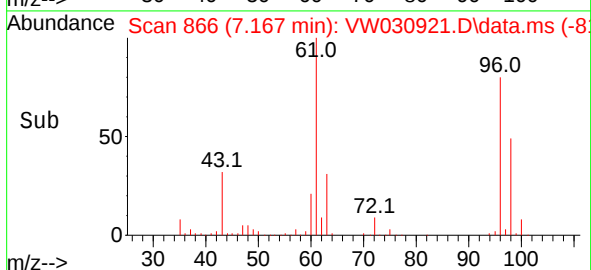
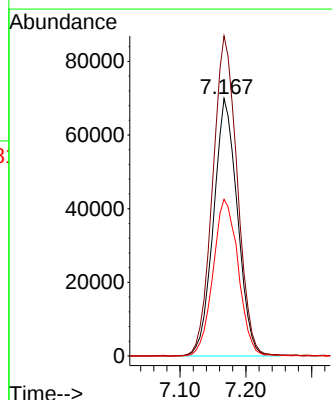
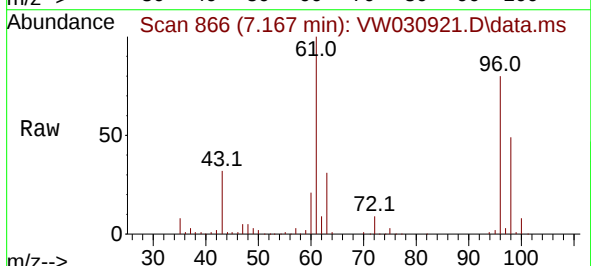
Tgt Ion: 96 Resp: 177307

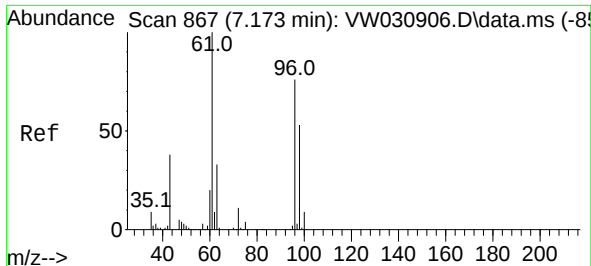
Ion Ratio Lower Upper

96 100

61 124.3 89.2 165.8

98 60.9 45.1 83.9





#22

2-Butanone

Concen: 33.587 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW030921.D

Acq: 04 Nov 2024 21:26

Instrument :

MSVOA_W

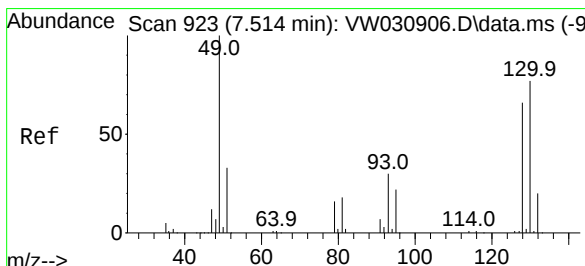
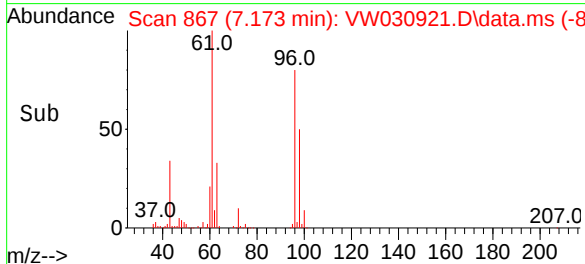
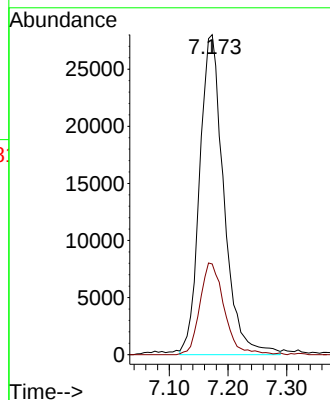
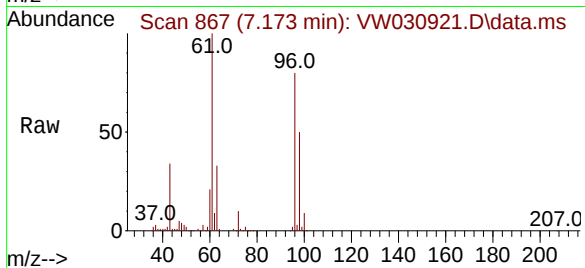
ClientSampleId :

Tgt Ion: 43 Resp: 80065

Ion Ratio Lower Upper

43 100

72 28.7 14.5 43.6



#23

Bromochloromethane

Concen: 18.438 ug/L

RT: 7.514 min Scan# 923

Delta R.T. 0.000 min

Lab File: VW030921.D

Acq: 04 Nov 2024 21:26

Tgt Ion: 128 Resp: 78439

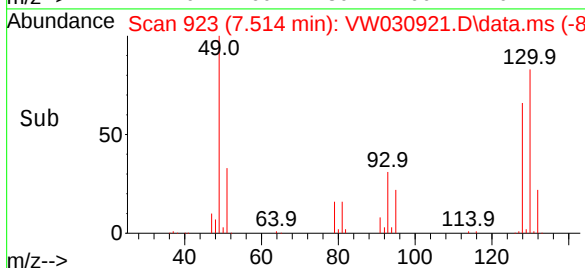
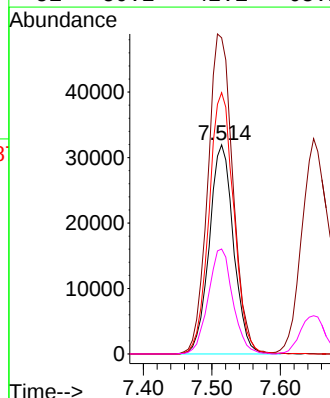
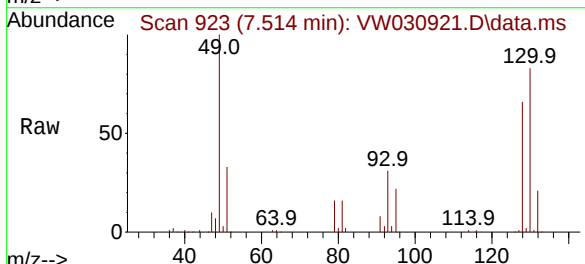
Ion Ratio Lower Upper

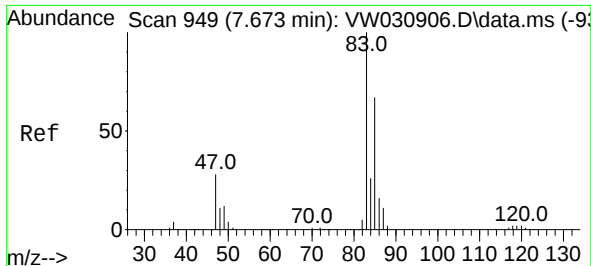
128 100

49 151.1 112.4 208.8

130 124.9 86.2 160.0

51 50.2 42.1 63.1





#25

Chloroform

Concen: 17.597 ug/L

RT: 7.673 min Scan# 949

Delta R.T. 0.000 min

Lab File: VW030921.D

Acq: 04 Nov 2024 21:26

Instrument :

MSVOA_W

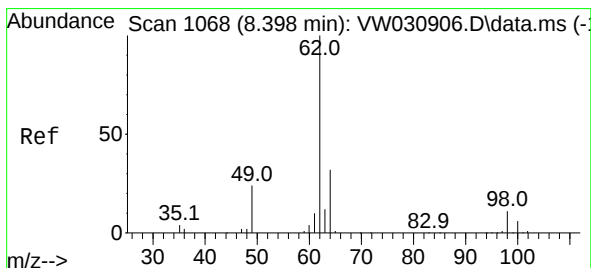
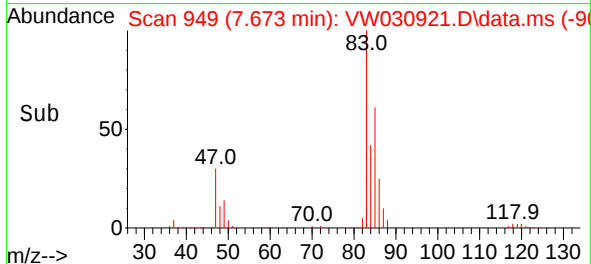
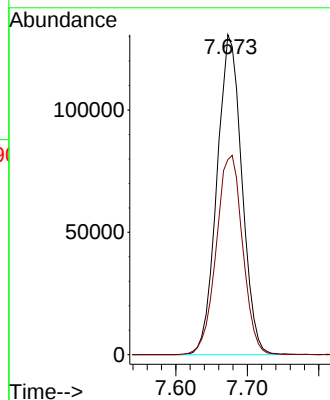
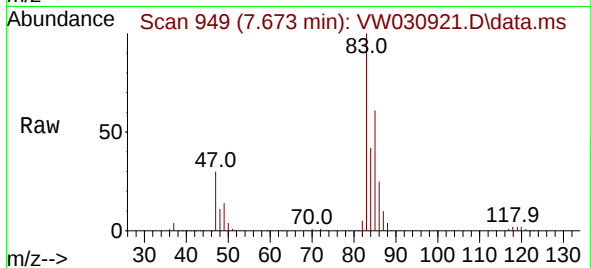
ClientSampleId :

Tgt Ion: 83 Resp: 316372

Ion Ratio Lower Upper

83 100

85 60.9 47.2 87.6



#27

1,2-Dichloroethane

Concen: 17.230 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW030921.D

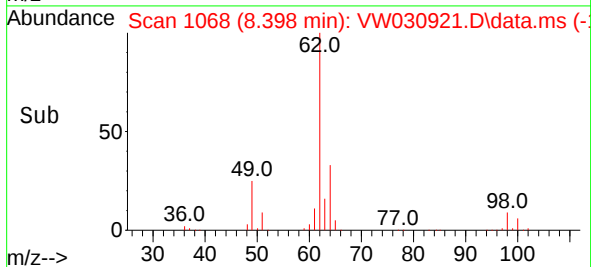
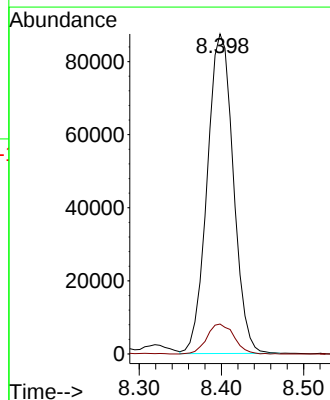
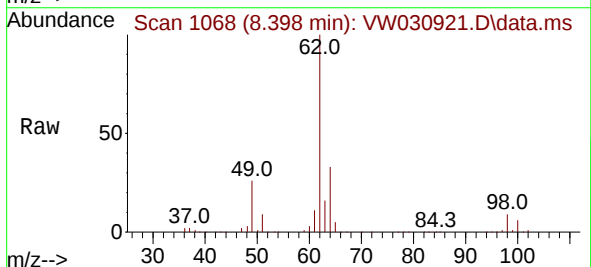
Acq: 04 Nov 2024 21:26

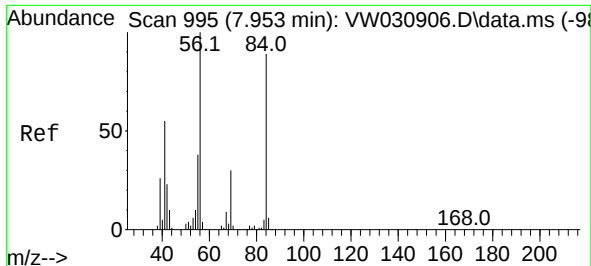
Tgt Ion: 62 Resp: 192920

Ion Ratio Lower Upper

62 100

98 9.4 7.1 10.7





#29

Cyclohexane

Concen: 18.349 ug/L

RT: 7.953 min Scan# 995

Delta R.T. 0.000 min

Lab File: VW030921.D

Acq: 04 Nov 2024 21:26

Instrument :

MSVOA_W

ClientSampleId :

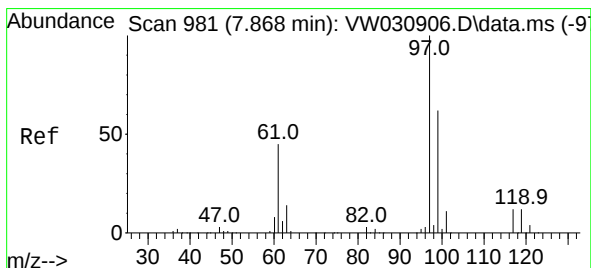
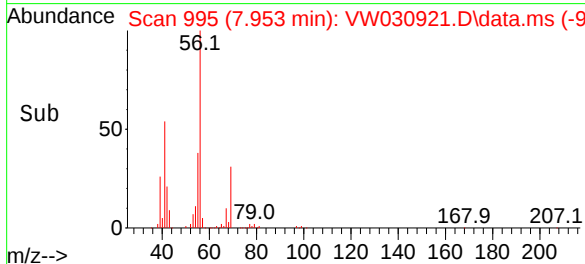
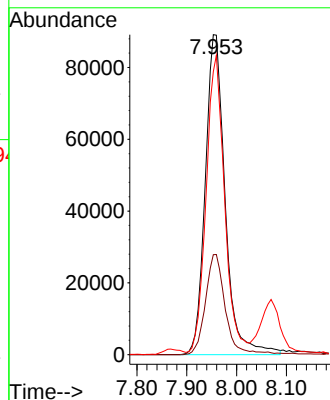
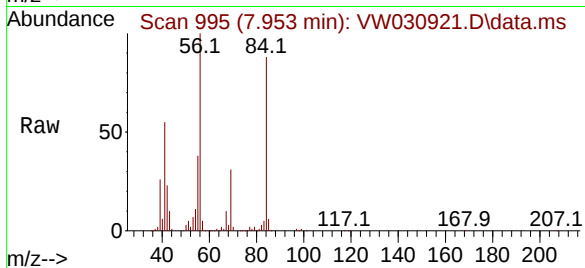
Tgt Ion: 56 Resp: 247070

Ion Ratio Lower Upper

56 100

69 30.2 24.8 37.2

84 86.9 69.5 104.3



#30

1,1,1-Trichloroethane

Concen: 16.846 ug/L

RT: 7.868 min Scan# 981

Delta R.T. 0.000 min

Lab File: VW030921.D

Acq: 04 Nov 2024 21:26

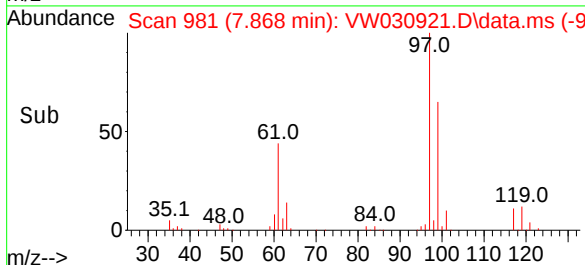
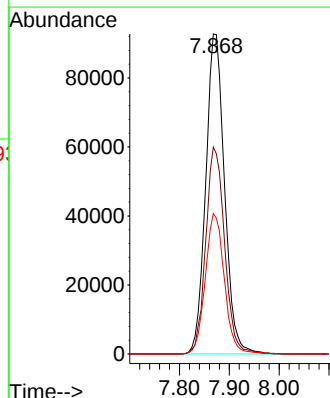
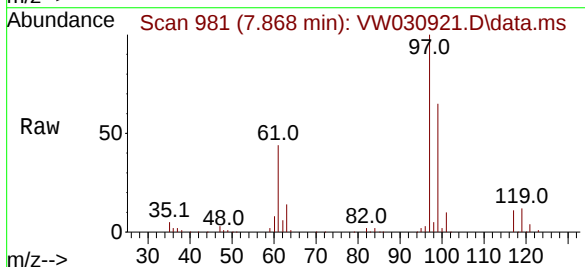
Tgt Ion: 97 Resp: 243143

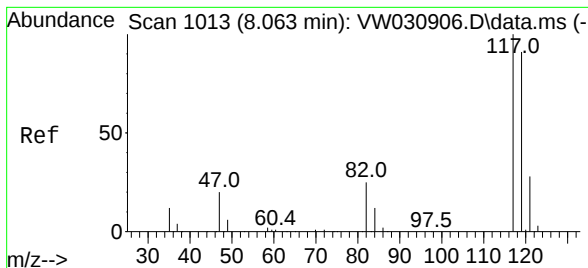
Ion Ratio Lower Upper

97 100

99 64.9 51.3 76.9

61 44.2 36.2 54.4





#31

Carbon tetrachloride

Concen: 16.826 ug/L

RT: 8.069 min Scan# 1013

Delta R.T. 0.006 min

Lab File: VW030921.D

Acq: 04 Nov 2024 21:26

Instrument :

MSVOA_W

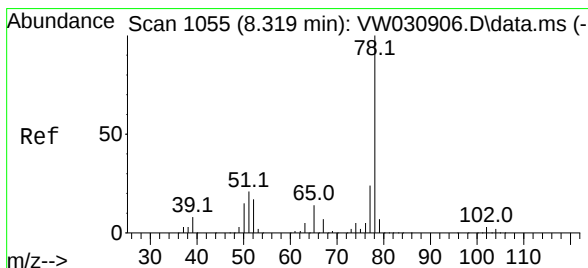
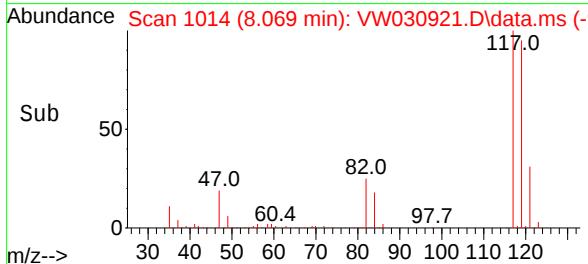
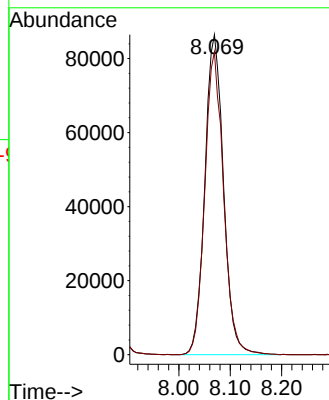
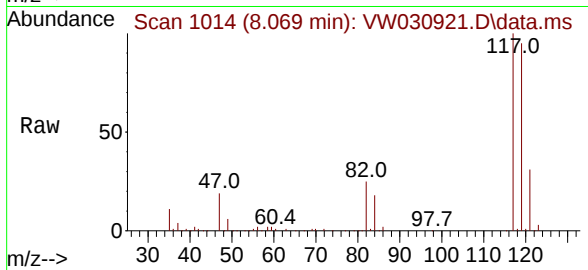
ClientSampleId :

Tgt Ion:117 Resp: 218229

Ion Ratio Lower Upper

117 100

119 95.0 76.2 114.2



#33

Benzene

Concen: 18.672 ug/L

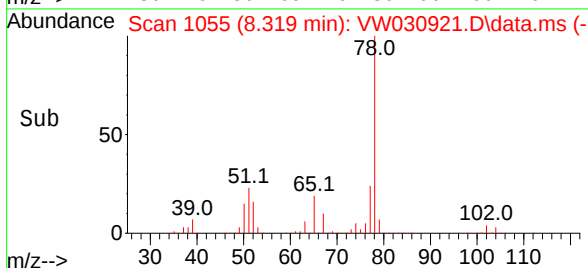
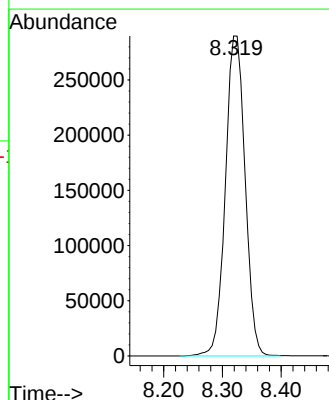
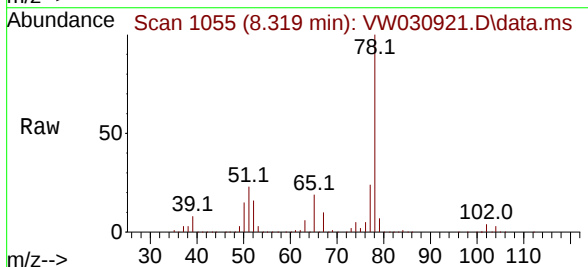
RT: 8.319 min Scan# 1055

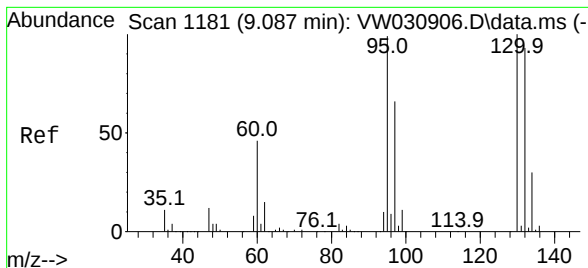
Delta R.T. 0.000 min

Lab File: VW030921.D

Acq: 04 Nov 2024 21:26

Tgt Ion: 78 Resp: 676241





#34

Trichloroethene

Concen: 16.472 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. 0.000 min

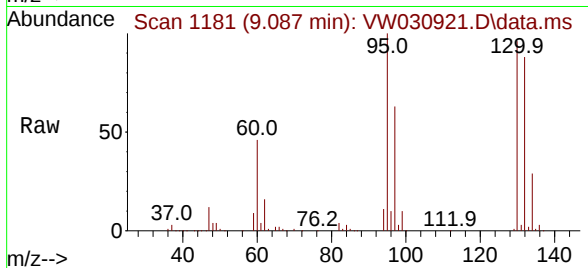
Lab File: VW030921.D

Acq: 04 Nov 2024 21:26

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 164504

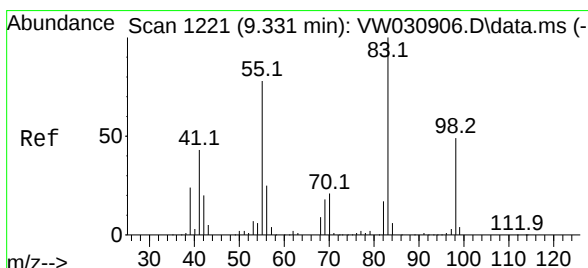
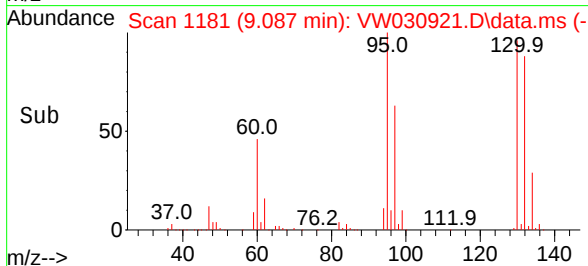
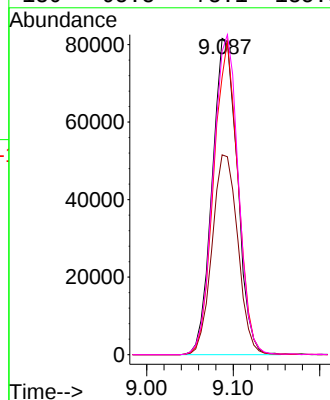
Ion Ratio Lower Upper

95 100

97 63.2 48.9 90.7

132 87.8 67.7 125.7

130 95.8 73.1 135.8



#35

Methylcyclohexane

Concen: 16.837 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. 0.000 min

Lab File: VW030921.D

Acq: 04 Nov 2024 21:26

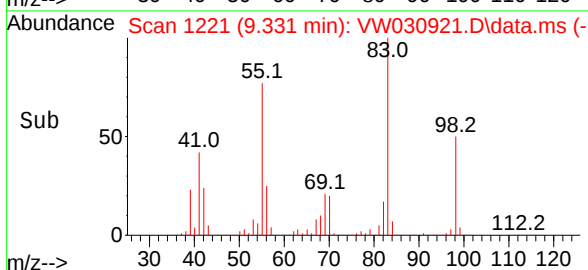
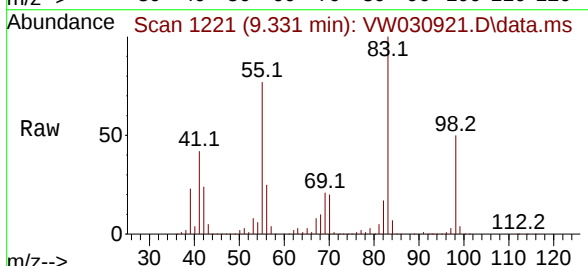
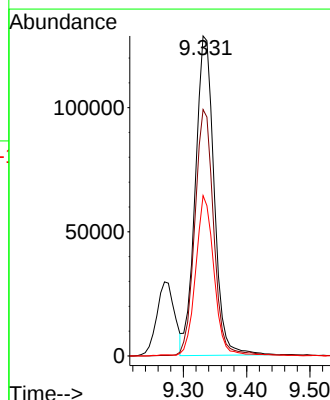
Tgt Ion: 83 Resp: 266506

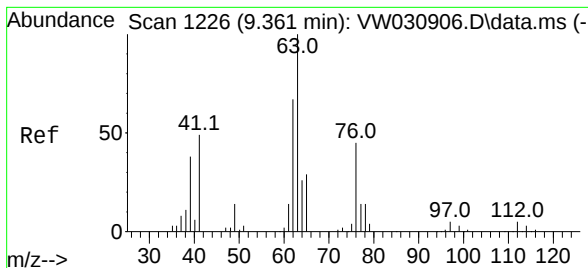
Ion Ratio Lower Upper

83 100

55 76.3 62.8 94.2

98 49.4 39.4 59.2





#37

1,2-Dichloropropane

Concen: 18.642 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VW030921.D

Acq: 04 Nov 2024 21:26

Instrument :

MSVOA_W

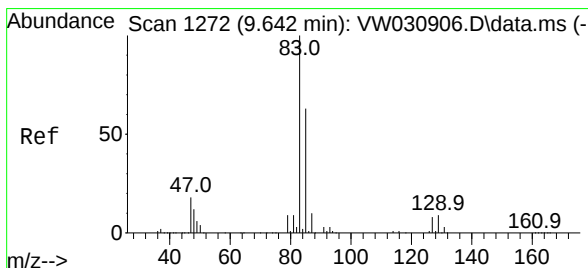
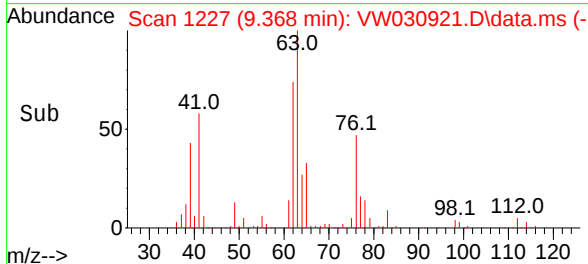
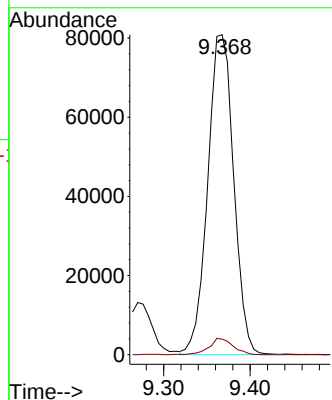
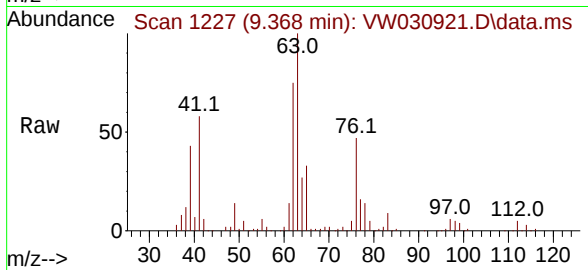
ClientSampleId :

Tgt Ion: 63 Resp: 168726

Ion Ratio Lower Upper

63 100

112 4.7 3.5 5.3



#38

Bromodichloromethane

Concen: 18.489 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW030921.D

Acq: 04 Nov 2024 21:26

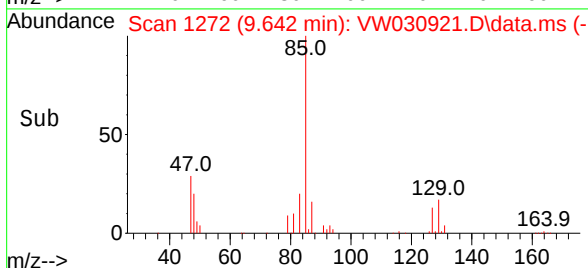
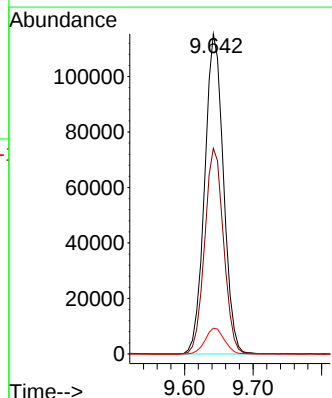
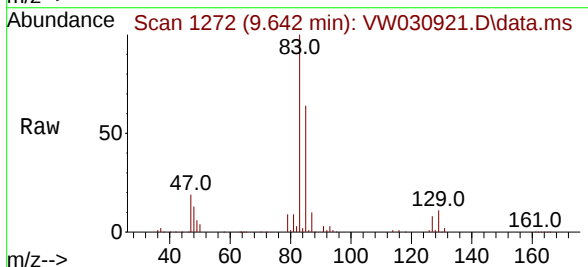
Tgt Ion: 83 Resp: 219762

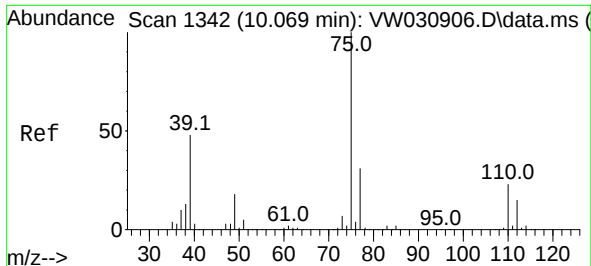
Ion Ratio Lower Upper

83 100

85 64.2 44.1 81.9

127 8.1 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 19.115 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. 0.000 min

Lab File: VW030921.D

Acq: 04 Nov 2024 21:26

Instrument :

MSVOA_W

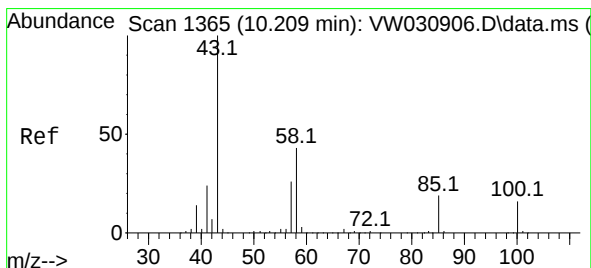
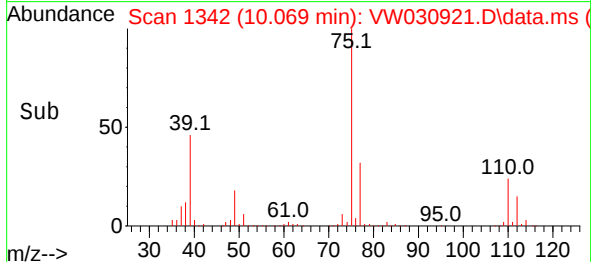
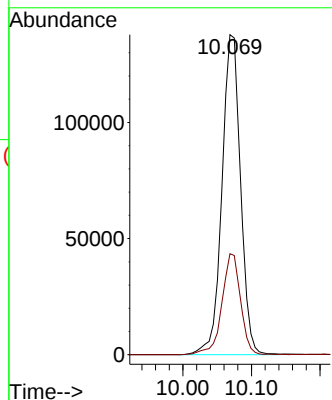
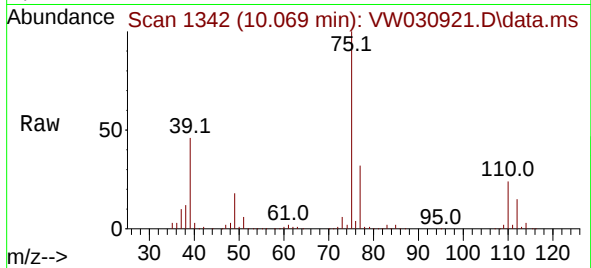
ClientSampleId :

Tgt Ion: 75 Resp: 258808

Ion Ratio Lower Upper

75 100

77 31.6 21.3 39.6



#40

4-Methyl-2-pentanone

Concen: 41.300 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW030921.D

Acq: 04 Nov 2024 21:26

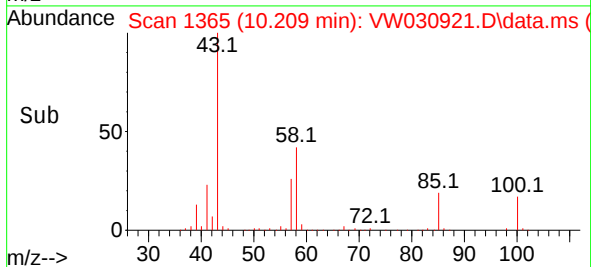
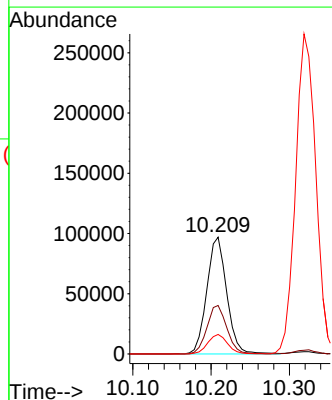
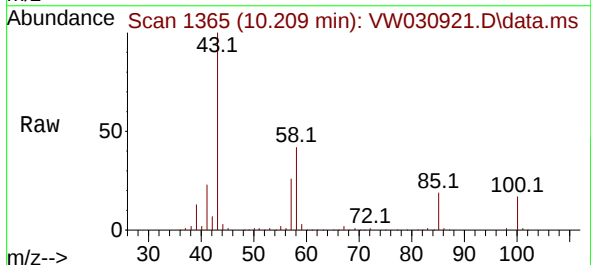
Tgt Ion: 43 Resp: 170948

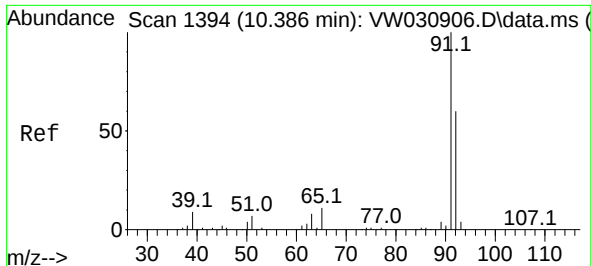
Ion Ratio Lower Upper

43 100

58 41.6 32.2 48.4

100 16.6 13.3 19.9





#42

Toluene

Concen: 17.557 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW030921.D

Acq: 04 Nov 2024 21:26

Instrument :

MSVOA_W

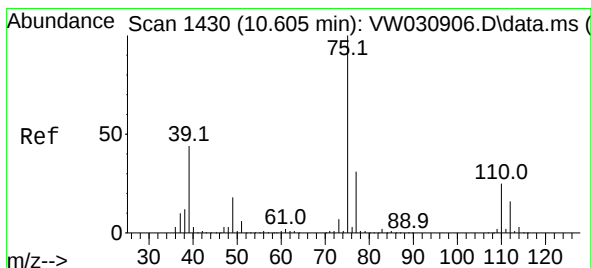
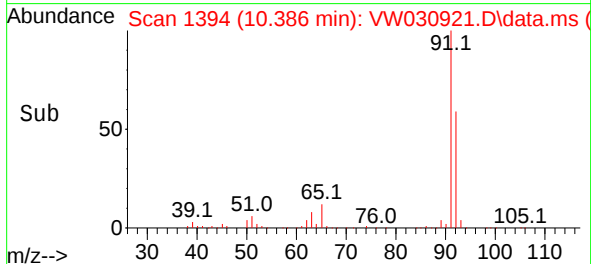
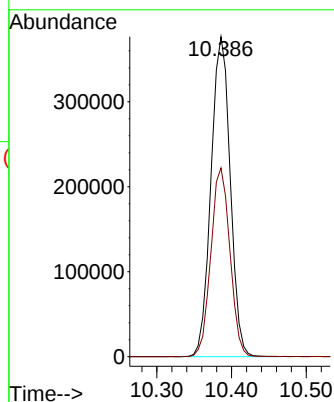
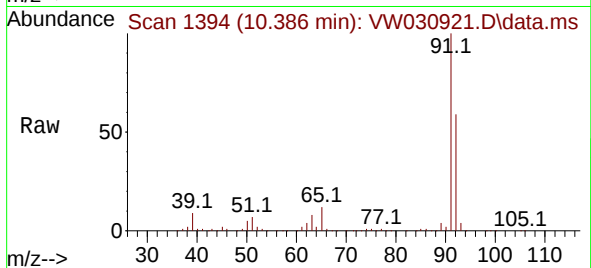
ClientSampleId :

Tgt Ion: 91 Resp: 673313

Ion Ratio Lower Upper

91 100

92 59.0 39.4 73.2



#44

trans-1,3-Dichloropropene

Concen: 18.503 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW030921.D

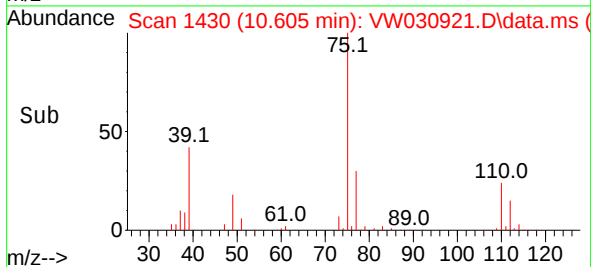
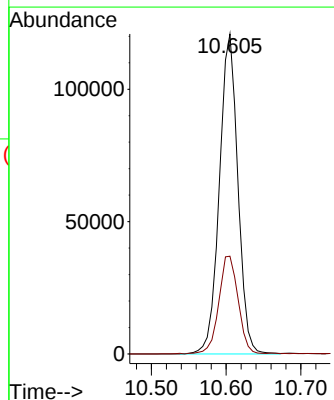
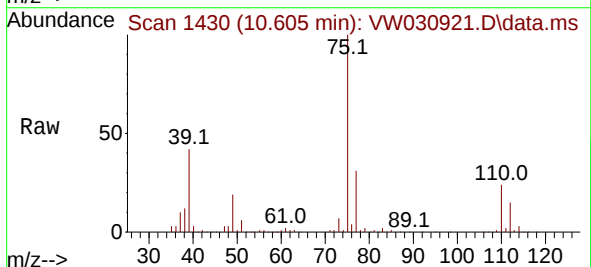
Acq: 04 Nov 2024 21:26

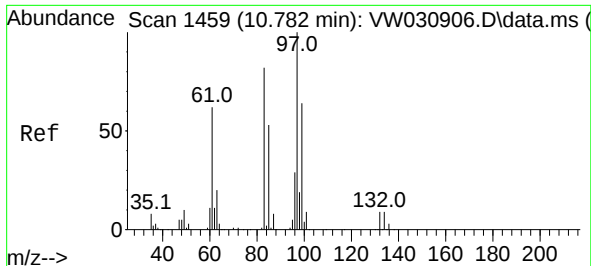
Tgt Ion: 75 Resp: 208122

Ion Ratio Lower Upper

75 100

77 30.5 23.6 43.8





#45

1,1,2-Trichloroethane

Concen: 18.966 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VW030921.D

Acq: 04 Nov 2024 21:26

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 123213

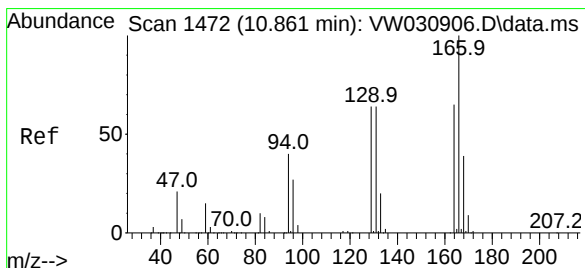
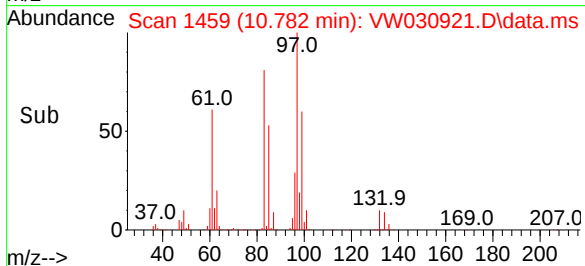
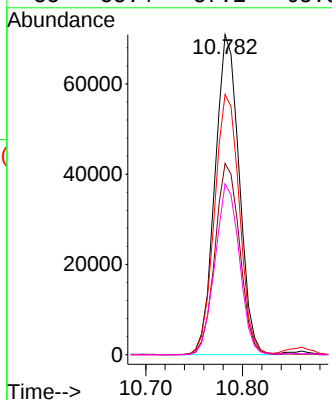
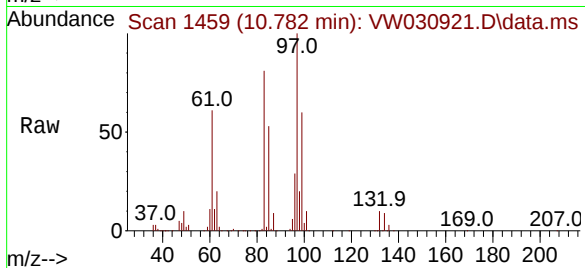
Ion Ratio Lower Upper

97 100

99 59.8 42.8 79.4

83 81.3 60.6 112.6

85 53.4 37.1 68.9



#46

Tetrachloroethene

Concen: 14.470 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW030921.D

Acq: 04 Nov 2024 21:26

Tgt Ion:164 Resp: 110476

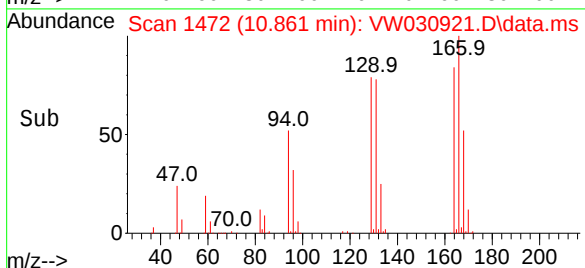
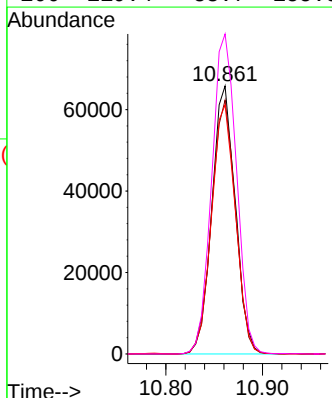
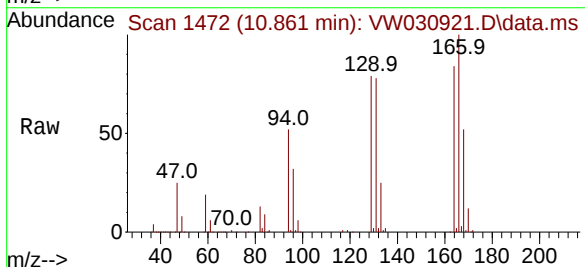
Ion Ratio Lower Upper

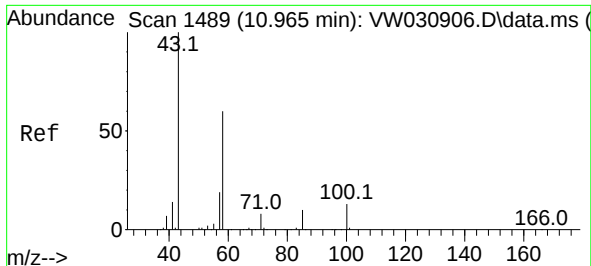
164 100

129 94.7 71.1 132.1

131 92.9 62.6 116.3

166 119.4 83.7 155.5





#48

2-Hexanone

Concen: 38.410 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

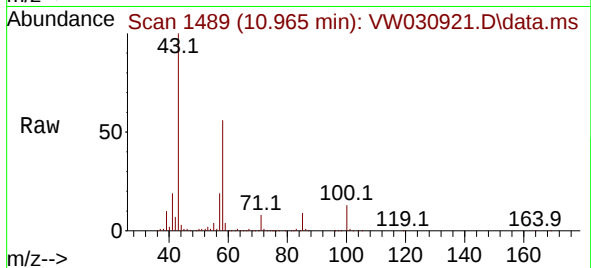
Lab File: VW030921.D

Acq: 04 Nov 2024 21:26

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 120957

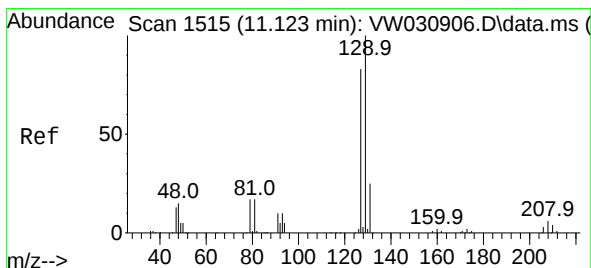
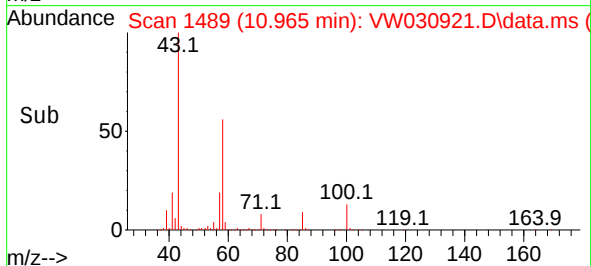
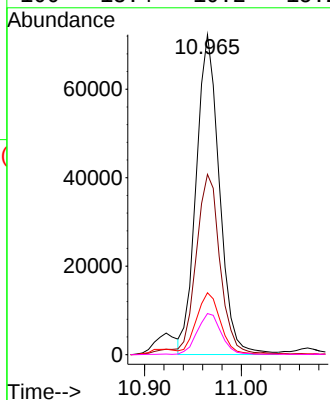
Ion Ratio Lower Upper

43 100

58 58.1 43.8 65.8

57 20.3 15.4 23.2

100 13.4 10.2 15.2



#49

Dibromochloromethane

Concen: 19.691 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. 0.006 min

Lab File: VW030921.D

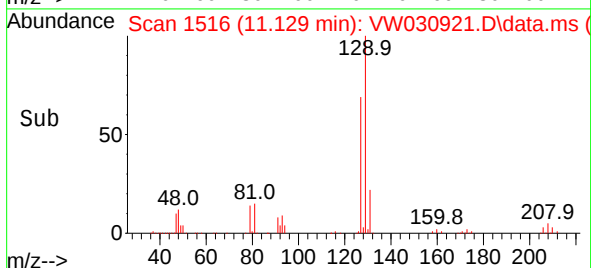
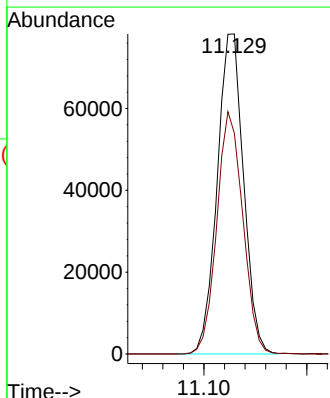
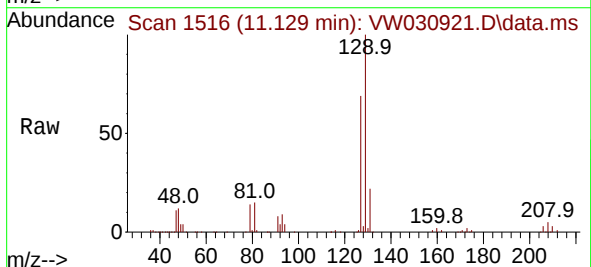
Acq: 04 Nov 2024 21:26

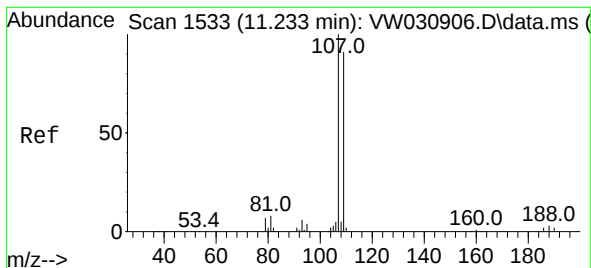
Tgt Ion:129 Resp: 139477

Ion Ratio Lower Upper

129 100

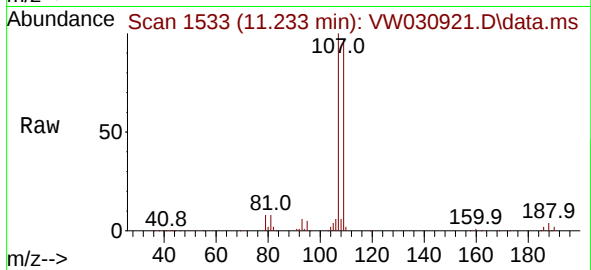
127 69.0 52.1 96.7



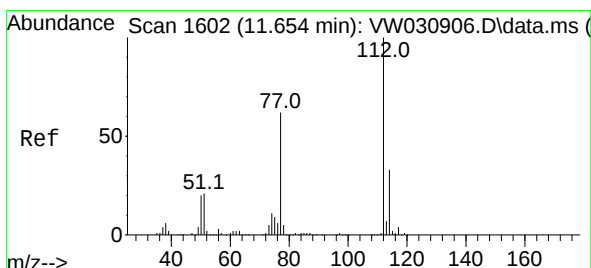
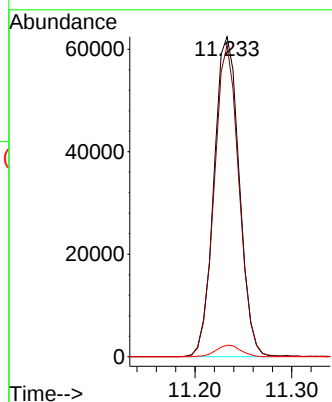
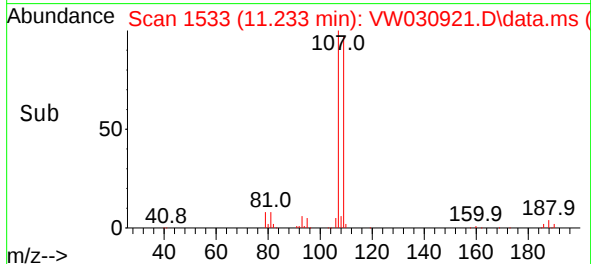


#50
1,2-Dibromoethane
Concen: 18.833 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW030921.D
Acq: 04 Nov 2024 21:26

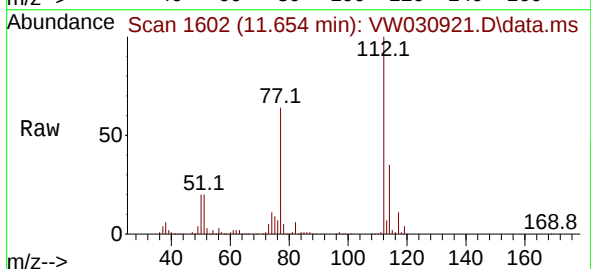
Instrument :
MSVOA_W
ClientSampleId :



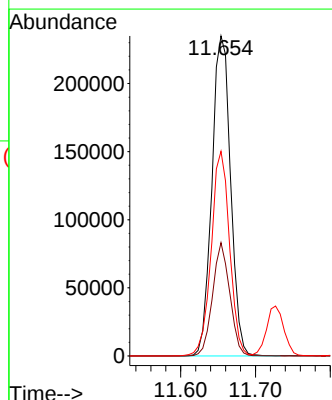
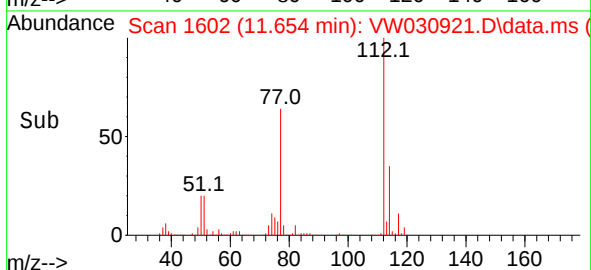
Tgt Ion:107 Resp: 112834
Ion Ratio Lower Upper
107 100
109 97.3 64.3 119.3
188 3.6 2.7 4.1

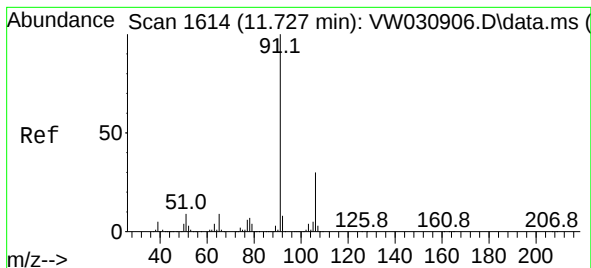


#51
Chlorobenzene
Concen: 16.688 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW030921.D
Acq: 04 Nov 2024 21:26



Tgt Ion:112 Resp: 409591
Ion Ratio Lower Upper
112 100
114 35.4 21.9 40.7
77 64.0 45.3 67.9

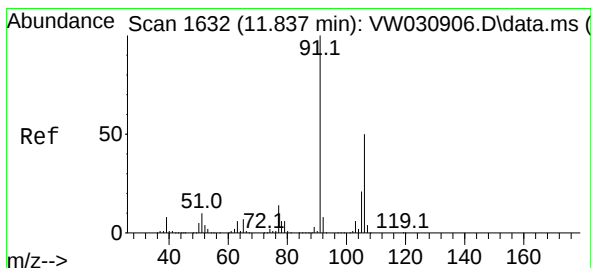
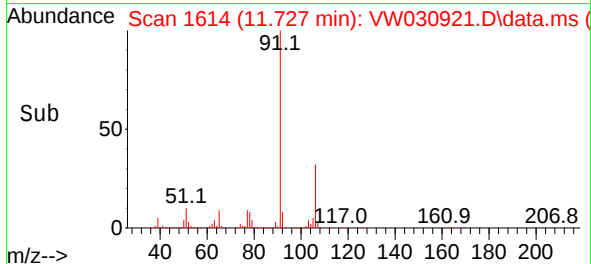
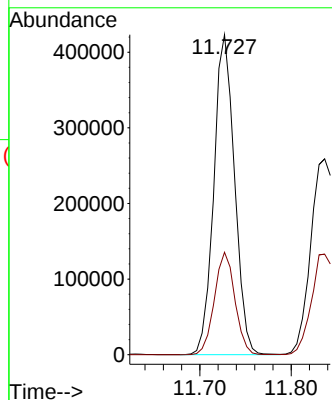
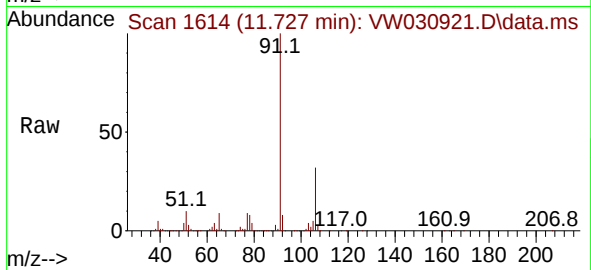




#52
Ethylbenzene
Concen: 15.381 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW030921.D
Acq: 04 Nov 2024 21:26

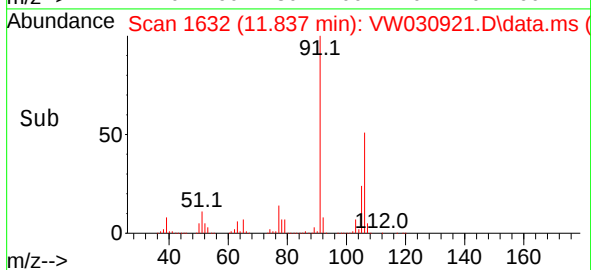
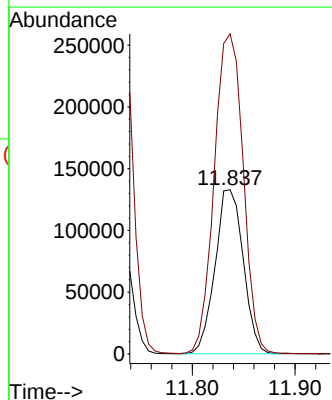
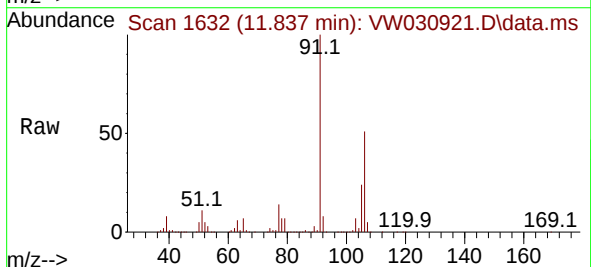
Instrument :
MSVOA_W
ClientSampleId :

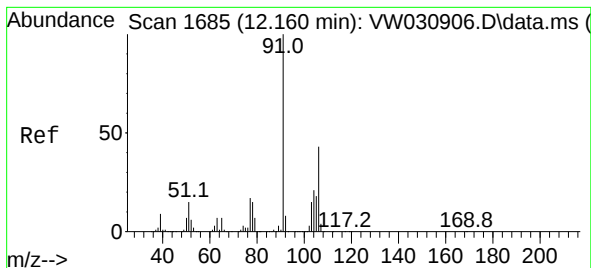
Tgt Ion: 91 Resp: 666495
Ion Ratio Lower Upper
91 100
106 32.0 21.6 40.0



#53
m,p-Xylene
Concen: 15.512 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW030921.D
Acq: 04 Nov 2024 21:26

Tgt Ion: 106 Resp: 252810
Ion Ratio Lower Upper
106 100
91 195.0 140.7 261.3





#54

o-Xylene

Concen: 16.580 ug/L

RT: 12.160 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030921.D

Acq: 04 Nov 2024 21:26

Instrument :

MSVOA_W

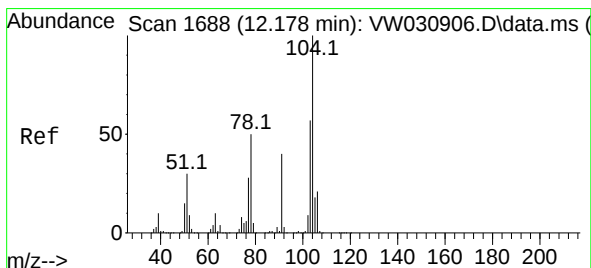
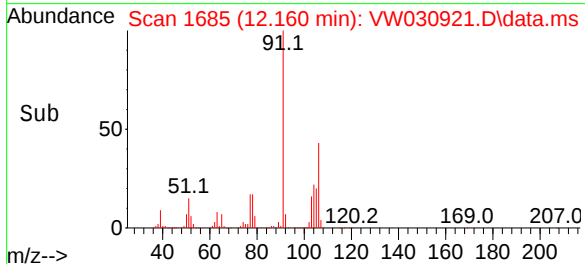
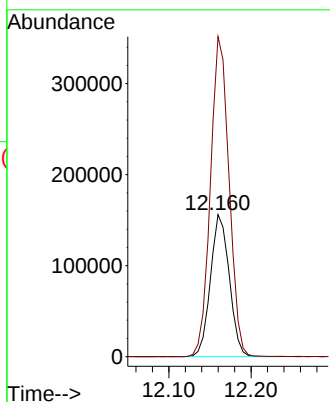
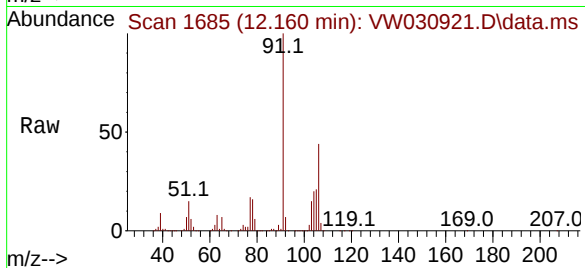
ClientSampleId :

Tgt Ion:106 Resp: 248643

Ion Ratio Lower Upper

106 100

91 225.1 149.9 278.3



#55

Styrene

Concen: 17.310 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW030921.D

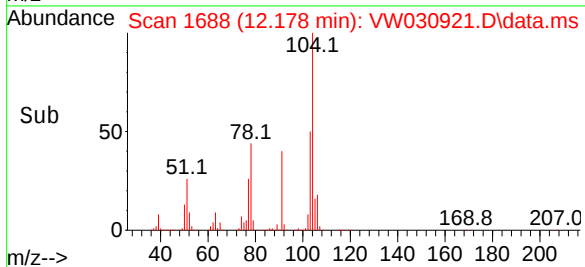
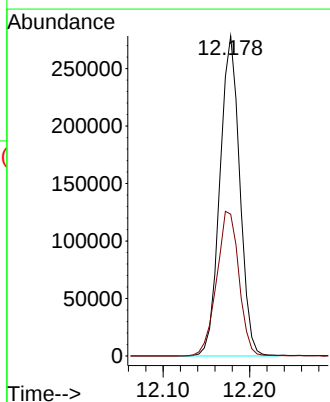
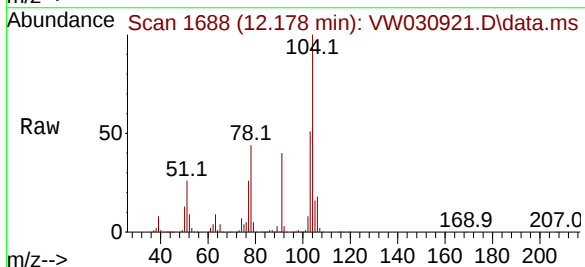
Acq: 04 Nov 2024 21:26

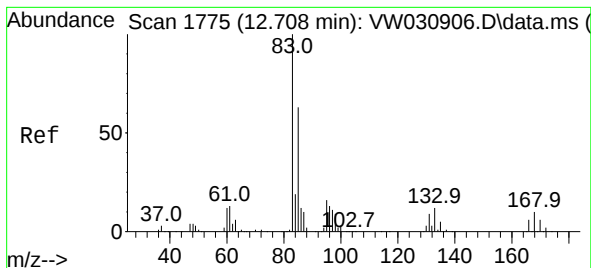
Tgt Ion:104 Resp: 443523

Ion Ratio Lower Upper

104 100

78 44.3 31.8 59.0

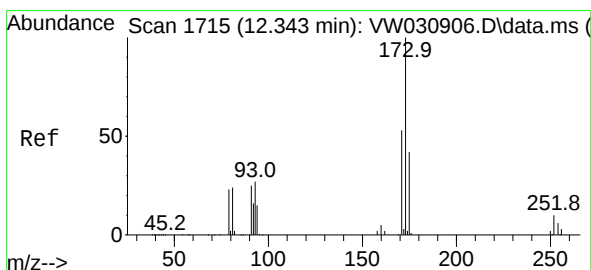
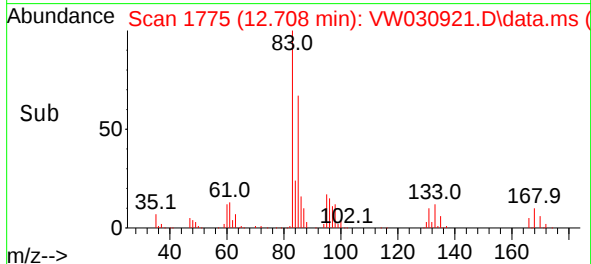
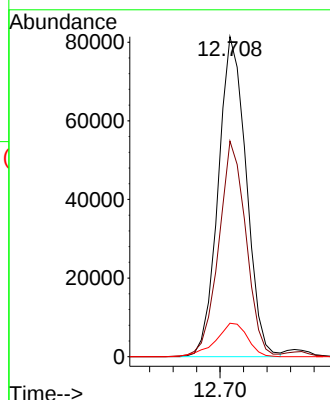
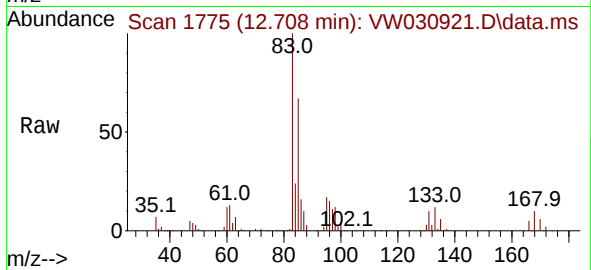




#57
1,1,2,2-Tetrachloroethane
Concen: 18.983 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VW030921.D
Acq: 04 Nov 2024 21:26

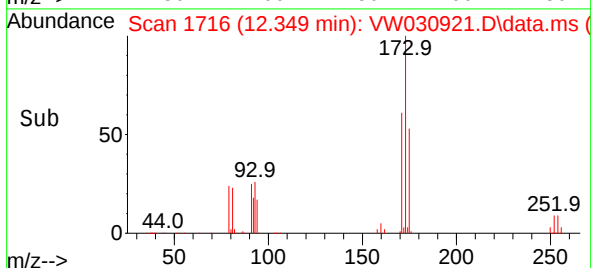
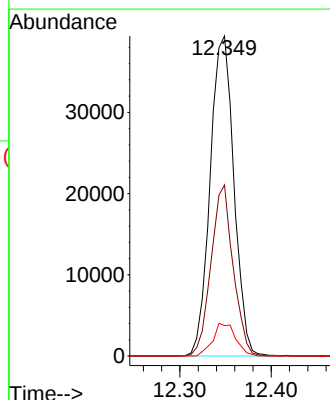
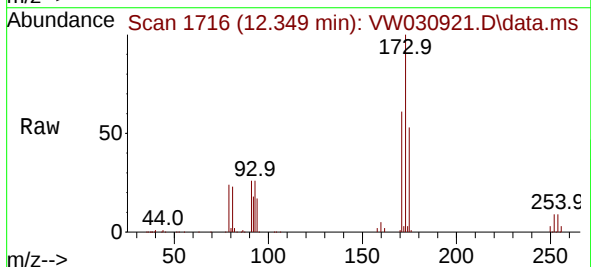
Instrument :
MSVOA_W
ClientSampleId :

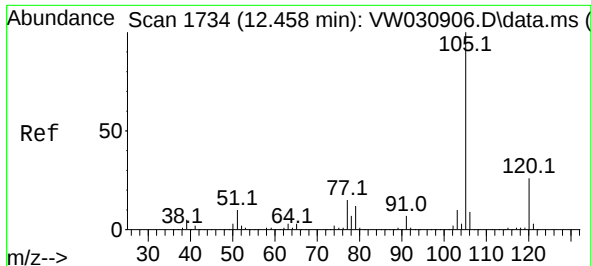
Tgt Ion: 83 Resp: 134587
Ion Ratio Lower Upper
83 100
85 67.4 45.1 83.7
131 10.4 7.7 11.5



#59
Bromoform
Concen: 20.086 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VW030921.D
Acq: 04 Nov 2024 21:26

Tgt Ion:173 Resp: 71138
Ion Ratio Lower Upper
173 100
175 49.7 39.3 58.9
254 9.8 7.8 11.6

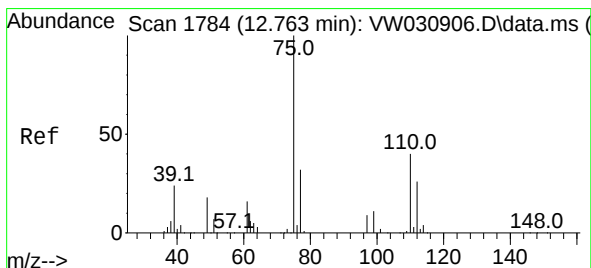
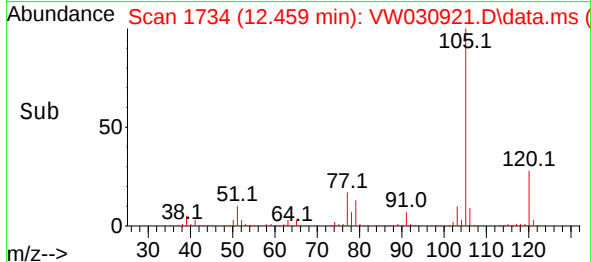
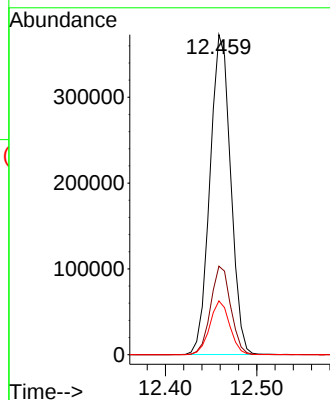
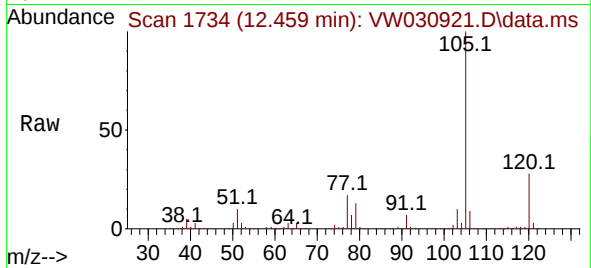




#60
Isopropylbenzene
Concen: 15.535 ug/L
RT: 12.459 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW030921.D
Acq: 04 Nov 2024 21:26

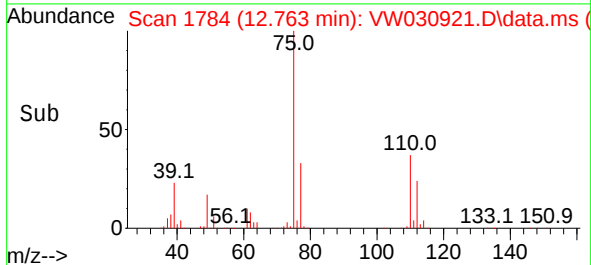
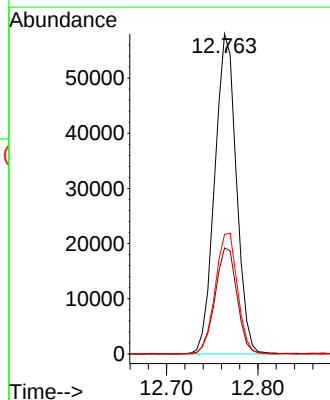
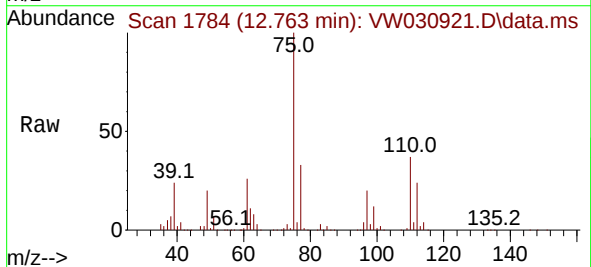
Instrument :
MSVOA_W
ClientSampleId :

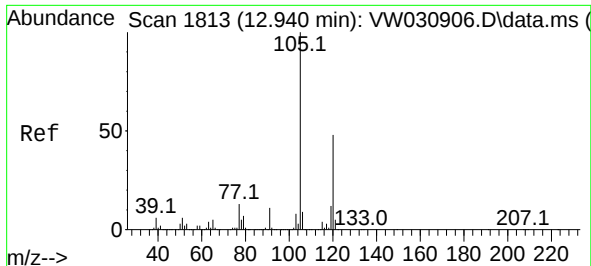
Tgt Ion:105 Resp: 587750
Ion Ratio Lower Upper
105 100
120 26.9 20.6 31.0
77 16.2 13.0 19.4



#61
1,2,3-Trichloropropane
Concen: 20.536 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW030921.D
Acq: 04 Nov 2024 21:26

Tgt Ion: 75 Resp: 95495
Ion Ratio Lower Upper
75 100
77 33.7 26.2 39.2
110 38.7 31.8 47.8





#62

1,3,5-Trimethylbenzene

Concen: 16.302 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW030921.D

Acq: 04 Nov 2024 21:26

Instrument :

MSVOA_W

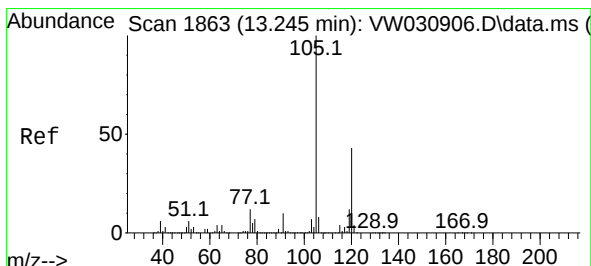
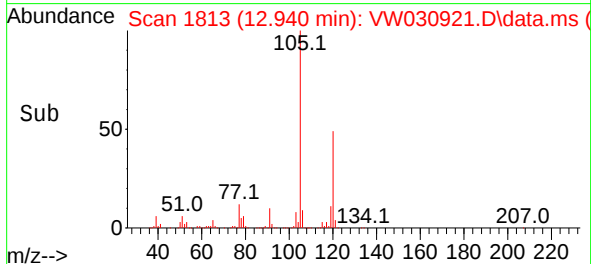
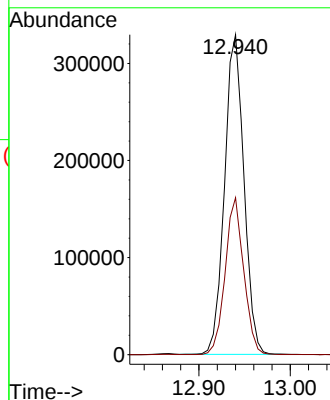
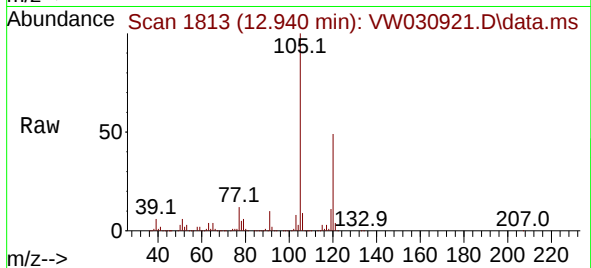
ClientSampleId :

Tgt Ion:105 Resp: 485598

Ion Ratio Lower Upper

105 100

120 47.1 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 16.109 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW030921.D

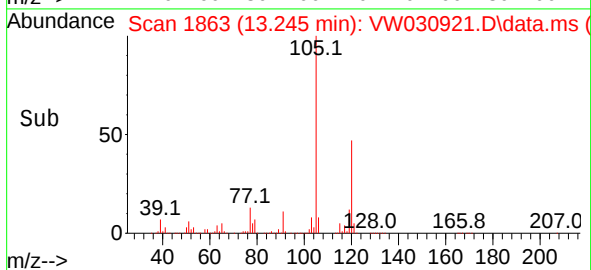
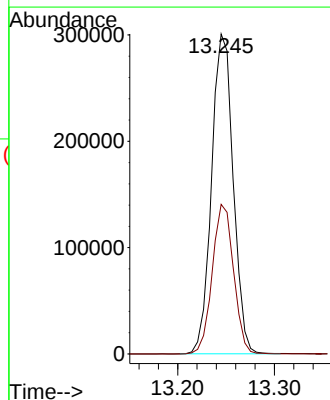
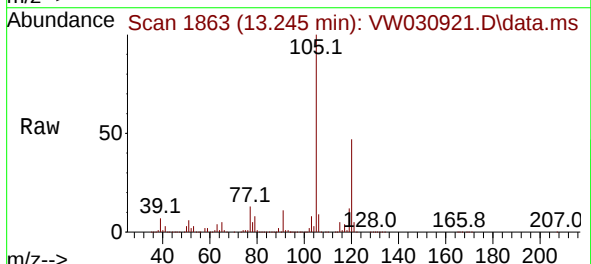
Acq: 04 Nov 2024 21:26

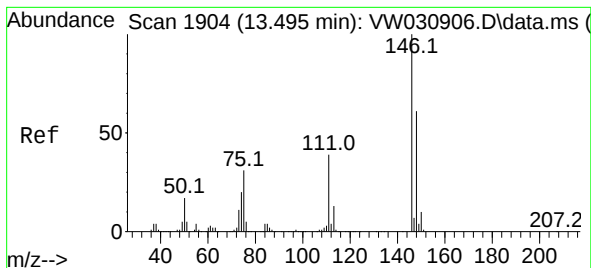
Tgt Ion:105 Resp: 467321

Ion Ratio Lower Upper

105 100

120 46.1 35.9 53.9





#64

1,3-Dichlorobenzene

Concen: 16.732 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW030921.D

Acq: 04 Nov 2024 21:26

Instrument :

MSVOA_W

ClientSampleId :

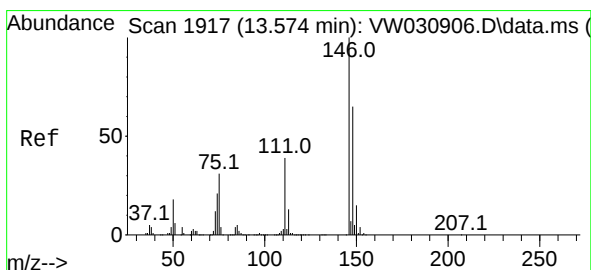
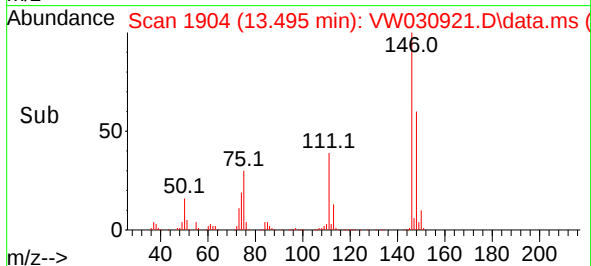
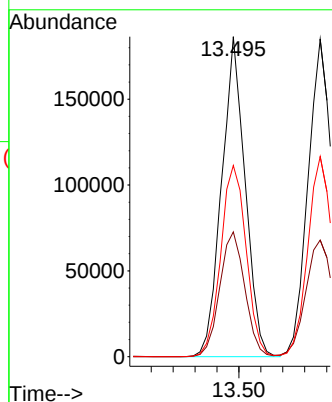
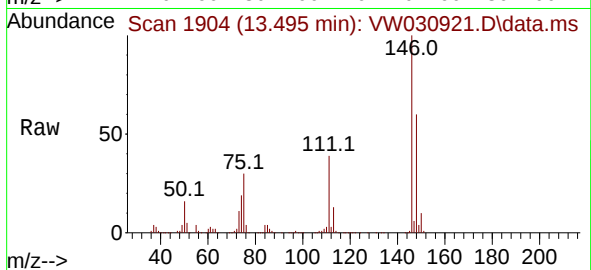
Tgt Ion:146 Resp: 277959

Ion Ratio Lower Upper

146 100

111 39.0 26.8 49.8

148 59.8 41.8 77.6



#65

1,4-Dichlorobenzene

Concen: 16.897 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW030921.D

Acq: 04 Nov 2024 21:26

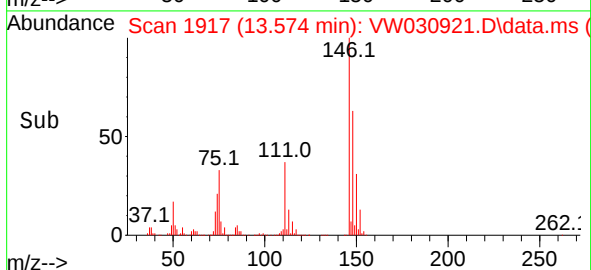
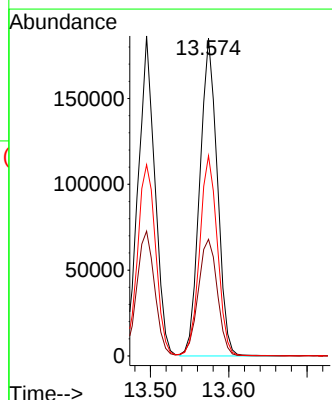
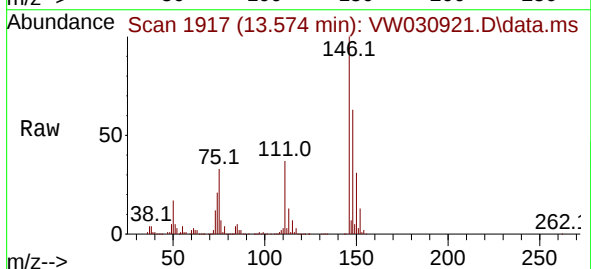
Tgt Ion:146 Resp: 288172

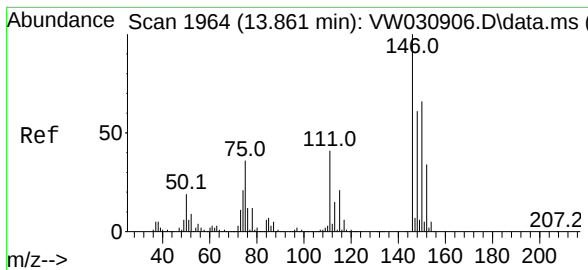
Ion Ratio Lower Upper

146 100

111 36.7 27.6 51.4

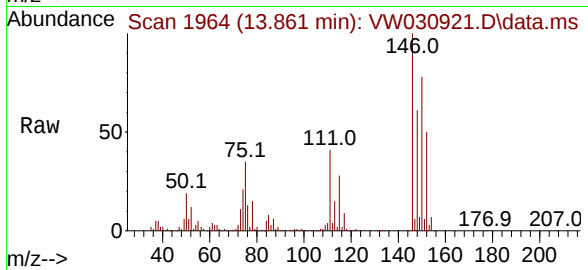
148 63.0 41.6 77.2



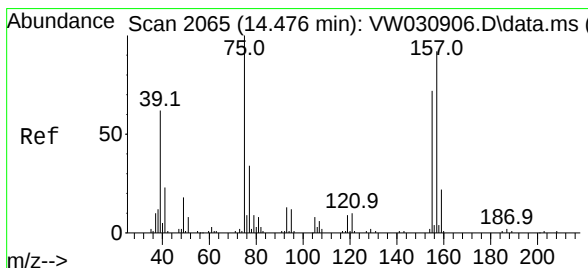
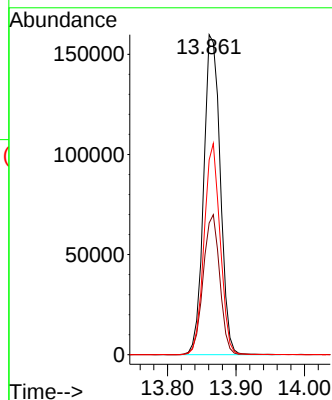
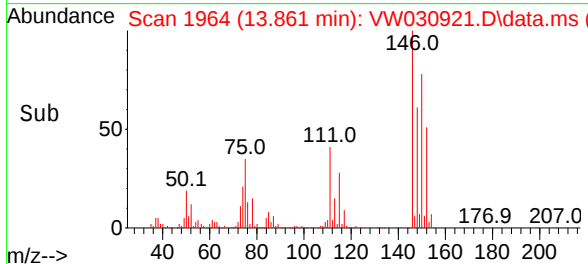


#67
1,2-Dichlorobenzene
Concen: 18.155 ug/L
RT: 13.861 min Scan# 1964
Delta R.T. 0.000 min
Lab File: VW030921.D
Acq: 04 Nov 2024 21:26

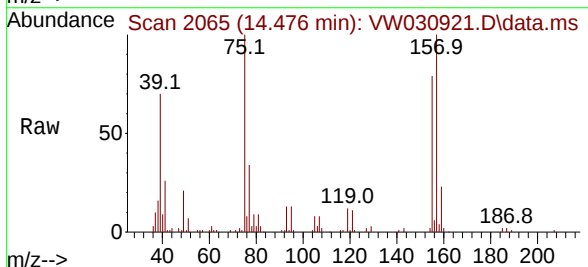
Instrument :
MSVOA_W
ClientSampleId :



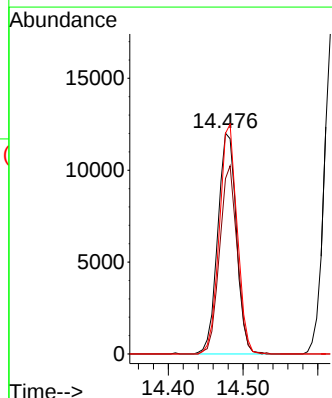
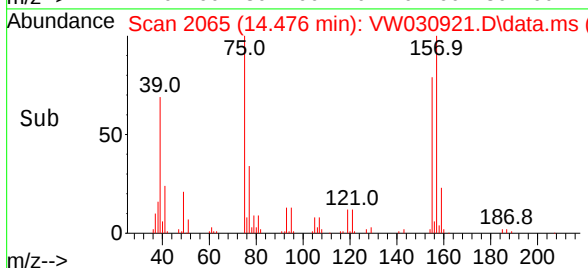
Tgt Ion:146 Resp: 268801
Ion Ratio Lower Upper
146 100
111 41.1 34.3 51.5
148 60.9 48.0 72.0

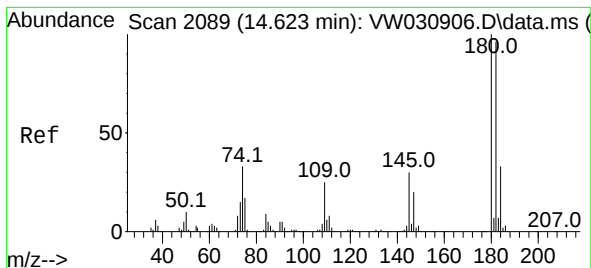


#68
1,2-Dibromo-3-chloropropane
Concen: 21.178 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW030921.D
Acq: 04 Nov 2024 21:26



Tgt Ion: 75 Resp: 20849
Ion Ratio Lower Upper
75 100
155 79.4 56.2 84.2
157 99.9 74.9 112.3





#69

1,3,5-Trichlorobenzene

Concen: 15.225 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

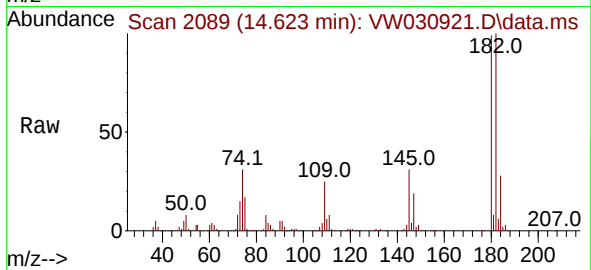
Lab File: VW030921.D

Acq: 04 Nov 2024 21:26

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 167835

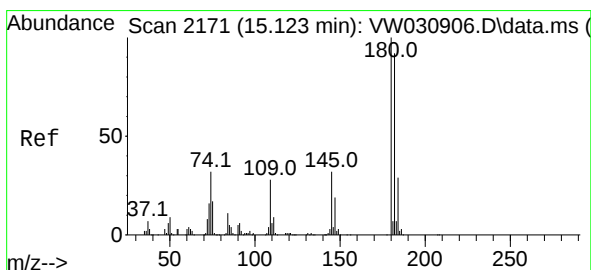
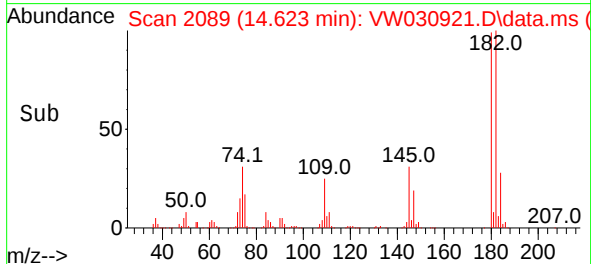
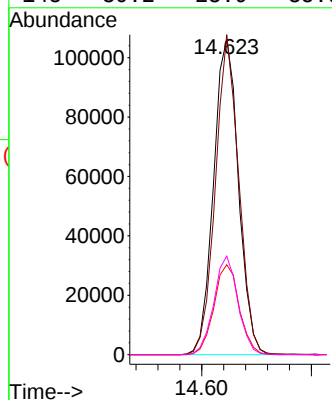
Ion Ratio Lower Upper

180 100

182 94.8 76.6 114.8

184 28.9 23.9 35.9

145 30.2 23.9 35.9



#70

1,2,4-trichlorobenzene

Concen: 17.516 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VW030921.D

Acq: 04 Nov 2024 21:26

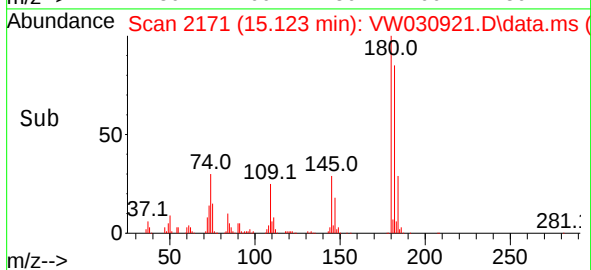
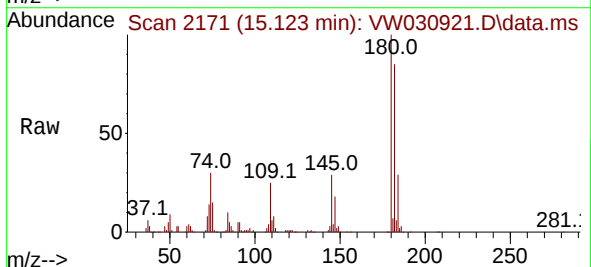
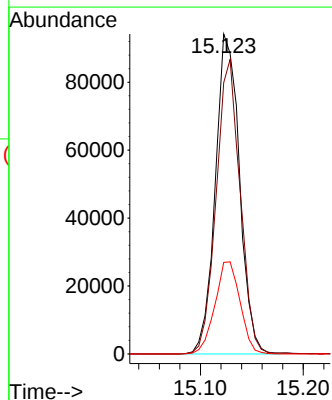
Tgt Ion:180 Resp: 153323

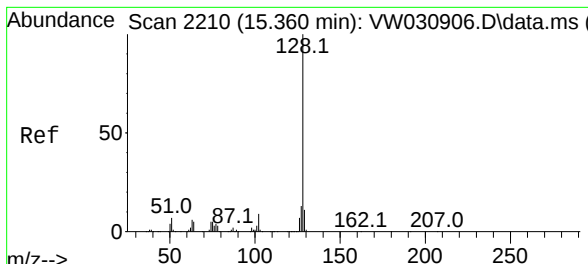
Ion Ratio Lower Upper

180 100

182 91.1 74.5 111.7

145 30.1 24.2 36.2



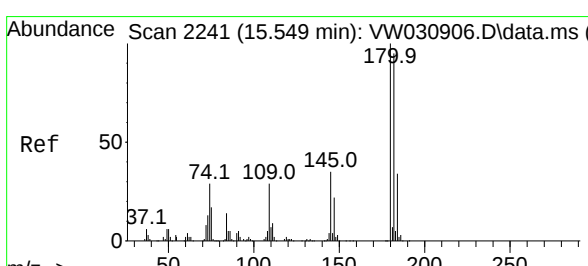
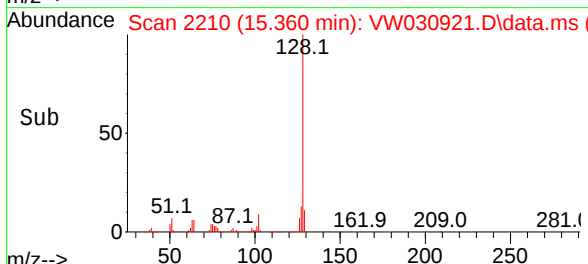
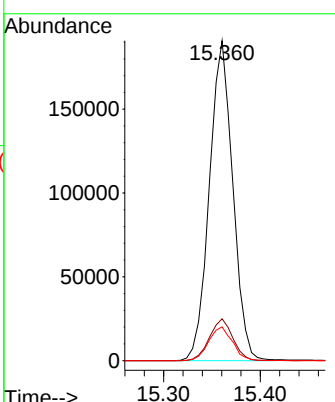
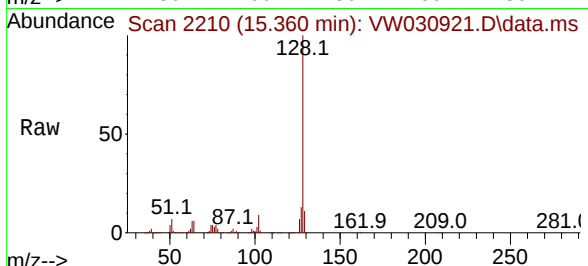


#71
 Naphthalene
 Concen: 22.591 ug/L
 RT: 15.360 min Scan# 2210
 Delta R.T. 0.000 min
 Lab File: VW030921.D
 Acq: 04 Nov 2024 21:26

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:128 Resp: 320565

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.4
129	10.8	8.7	13.1



#72
 1,2,3-Trichlorobenzene
 Concen: 19.425 ug/L
 RT: 15.549 min Scan# 2241
 Delta R.T. 0.000 min
 Lab File: VW030921.D
 Acq: 04 Nov 2024 21:26

Tgt Ion:180 Resp: 146536

Ion	Ratio	Lower	Upper
180	100		
182	88.6	79.2	118.8
145	31.8	27.0	40.6

