

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110424\
 Data File : VW030925.D
 Acq On : 04 Nov 2024 23:03
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 05 00:47:32 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	8.843	114	439494	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	408909	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	199991	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	133145	18.472	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.880%
7) Chloroethane-d5	2.899	69	109150	19.744	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.960%
11) 1,1-Dichloroethene-d2	4.021	65	56437	18.975	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.920%
21) 2-Butanone-d5	7.081	46	66704	56.233	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.460%
24) Chloroform-d	7.648	84	291403	22.491	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.960%
26) 1,2-Dichloroethane-d4	8.307	65	148514	23.054	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.200%
32) Benzene-d6	8.270	84	571389	22.493	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.960%
36) 1,2-Dichloropropane-d6	9.270	67	169517	22.636	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.560%
41) Toluene-d8	10.319	98	527151	23.135	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.520%
43) trans-1,3-Dichloroprop...	10.575	79	70397	23.191	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.760%
47) 2-Hexanone-d5	10.922	63	56914	58.641	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.280%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	131106	25.128	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.520%
66) 1,2-Dichlorobenzene-d4	13.849	152	163574	22.454	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	110487	23.601	ug/L	89
3) Chloromethane	2.223	50	143308	22.718	ug/L	99
5) Vinyl chloride	2.375	62	154795	20.706	ug/L	99
6) Bromomethane	2.790	94	106058	21.606	ug/L	99
8) Chloroethane	2.930	64	96789	21.357	ug/L	94
9) Trichlorofluoromethane	3.265	101	139243	20.409	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	134770	21.457	ug/L	98
12) 1,1-Dichloroethene	4.045	96	127808	22.499	ug/L	98
13) Acetone	4.125	43	58105	40.107	ug/L	98
14) Carbon disulfide	4.399	76	418251	22.397	ug/L	99
15) Methyl Acetate	4.673	43	59373	27.940	ug/L	99
16) Methylene chloride	4.917	84	146653	23.603	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	148023	23.752	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	222569	26.460	ug/L	99
19) 1,1-Dichloroethane	6.216	63	276588	23.783	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	165558	25.042	ug/L	99
22) 2-Butanone	7.167	43	83637	51.551	ug/L	99
23) Bromochloromethane	7.514	128	72289	24.967	ug/L	95
25) Chloroform	7.679	83	290647	23.753	ug/L	99

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 Response via : Initial Calibration

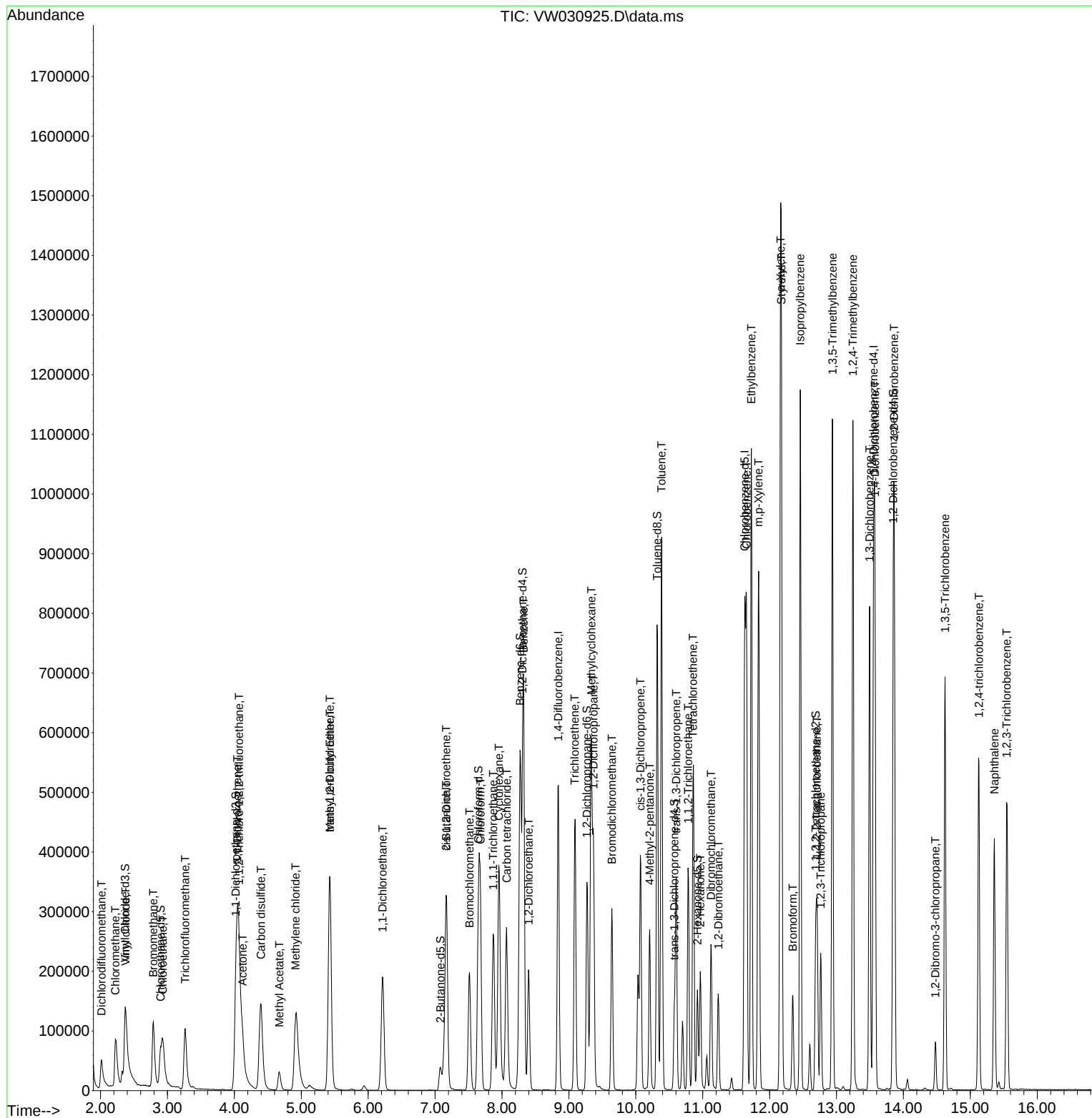
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	181532	23.821	ug/L	98
29) Cyclohexane	7.953	56	225182	22.980	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	225467	21.465	ug/L	99
31) Carbon tetrachloride	8.069	117	205053	21.725	ug/L	100
33) Benzene	8.325	78	623406	23.653	ug/L	100
34) Trichloroethene	9.087	95	164077	22.576	ug/L	93
35) Methylcyclohexane	9.337	83	253555	22.012	ug/L	98
37) 1,2-Dichloropropane	9.368	63	159063	24.148	ug/L	99
38) Bromodichloromethane	9.642	83	203400	23.514	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	238881	24.243	ug/L	93
40) 4-Methyl-2-pentanone	10.209	43	171974	57.090	ug/L	98
42) Toluene	10.386	91	671267	24.051	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	198871	24.294	ug/L	96
45) 1,1,2-Trichloroethane	10.782	97	117274	24.804	ug/L	95
46) Tetrachloroethene	10.855	164	125252	22.543	ug/L	95
48) 2-Hexanone	10.965	43	122978	53.661	ug/L	96
49) Dibromochloromethane	11.123	129	130488	25.313	ug/L	97
50) 1,2-Dibromoethane	11.233	107	112644	25.835	ug/L	95
51) Chlorobenzene	11.654	112	425573	23.825	ug/L	95
52) Ethylbenzene	11.727	91	758451	24.051	ug/L	100
53) m,p-Xylene	11.837	106	288022	24.284	ug/L	96
54) o-Xylene	12.166	106	269794	24.721	ug/L	95
55) Styrene	12.178	104	471168	25.268	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	138338	26.811	ug/L	97
59) Bromoform	12.349	173	75614	26.478	ug/L	96
60) Isopropylbenzene	12.459	105	728243	23.872	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	95734	25.533	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	586402	24.414	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	600693	25.680	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	331846	24.774	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	332629	24.188	ug/L	97
67) 1,2-Dichlorobenzene	13.861	146	285453	23.911	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	21797	27.459	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	210332	23.663	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	179591	25.445	ug/L	95
71) Naphthalene	15.360	128	354916	31.019	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	164070	26.973	ug/L	99

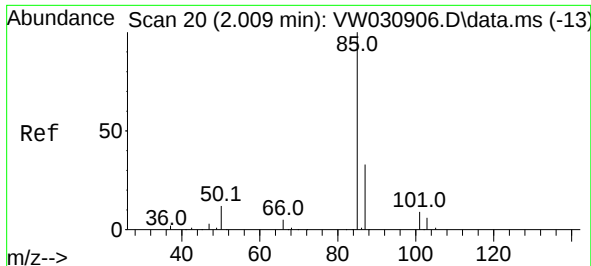
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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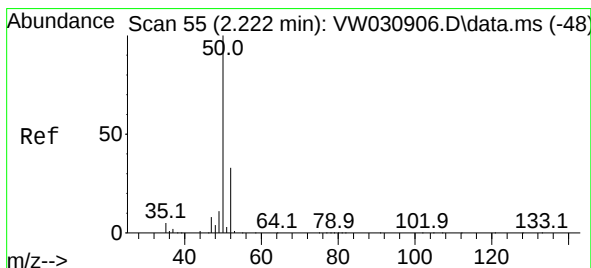
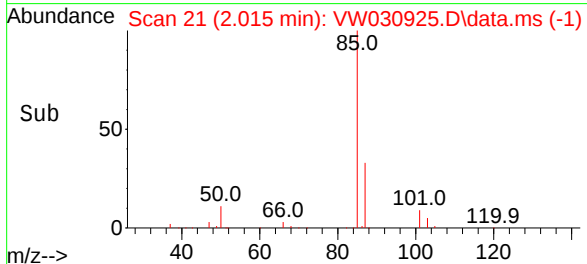
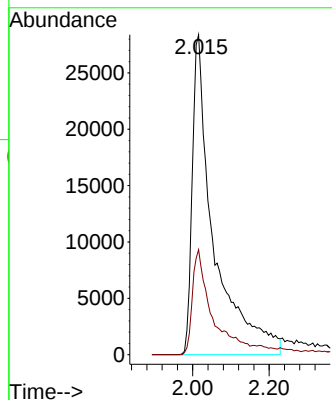
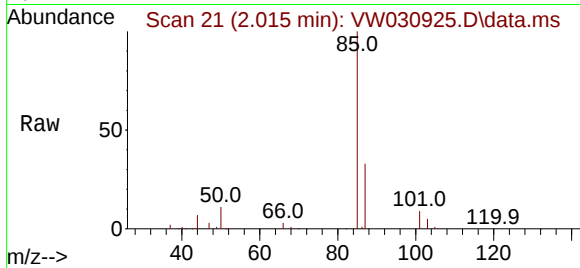




#2
Dichlorodifluoromethane
Concen: 23.601 ug/L
RT: 2.015 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW030925.D
Acq: 04 Nov 2024 23:03

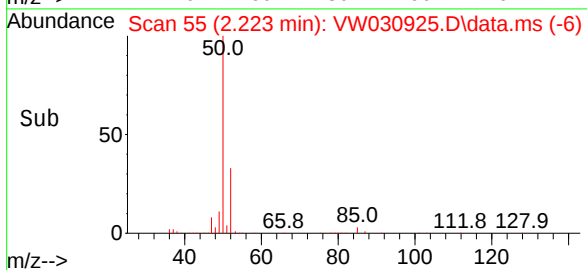
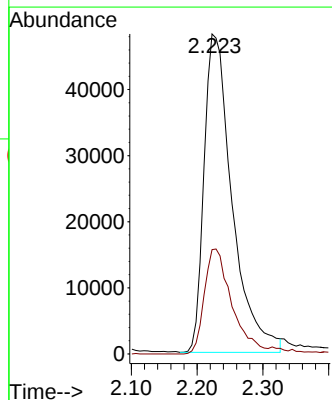
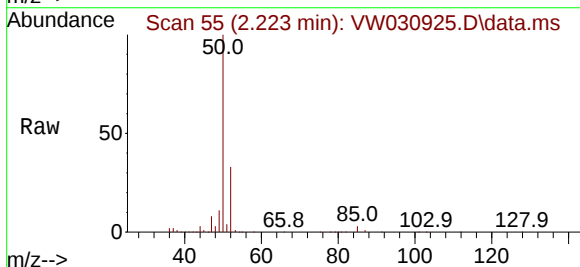
Instrument :
MSVOA_W
ClientSampleId :

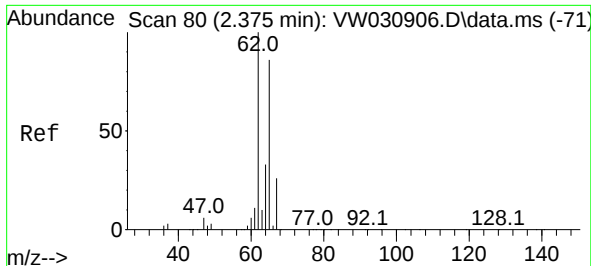
Tgt Ion: 85 Resp: 110487
Ion Ratio Lower Upper
85 100
87 24.2 24.2 36.4



#3
Chloromethane
Concen: 22.718 ug/L
RT: 2.223 min Scan# 55
Delta R.T. 0.000 min
Lab File: VW030925.D
Acq: 04 Nov 2024 23:03

Tgt Ion: 50 Resp: 143308
Ion Ratio Lower Upper
50 100
52 32.6 22.5 41.9

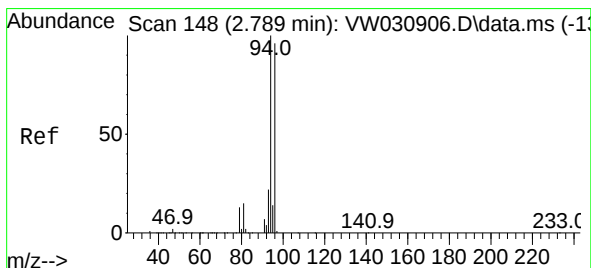
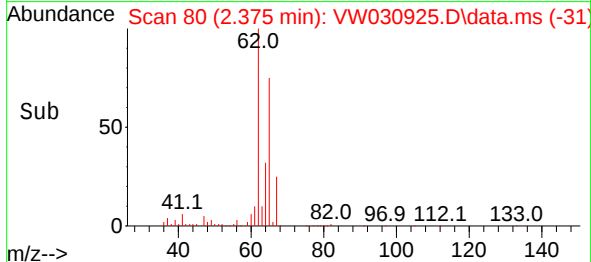
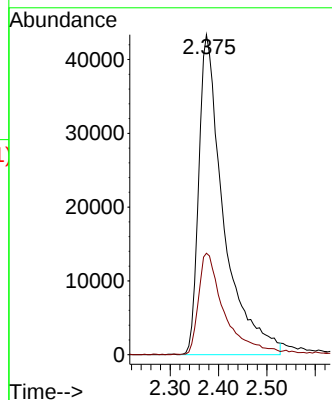
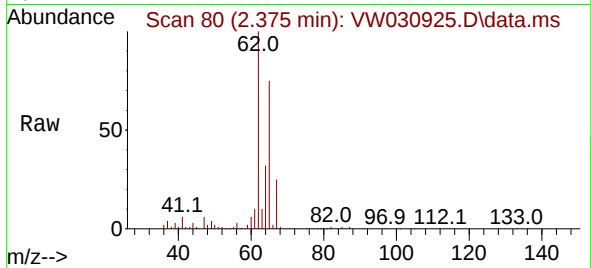




#5
 Vinyl chloride
 Concen: 20.706 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW030925.D
 Acq: 04 Nov 2024 23:03

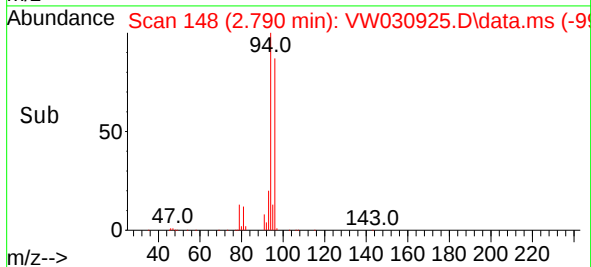
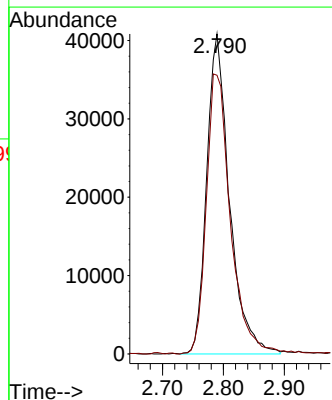
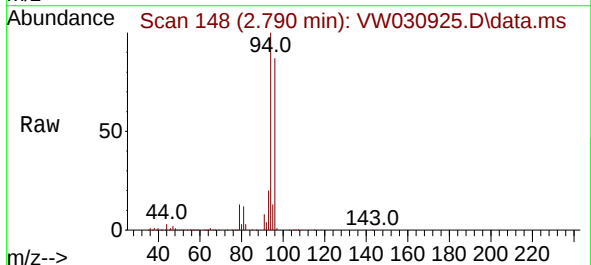
Instrument :
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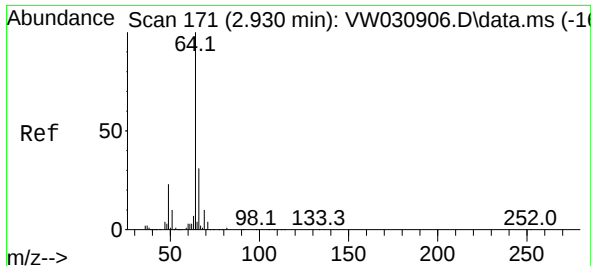
Tgt Ion: 62 Resp: 154795
 Ion Ratio Lower Upper
 62 100
 64 31.7 21.7 40.3



#6
 Bromomethane
 Concen: 21.606 ug/L
 RT: 2.790 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW030925.D
 Acq: 04 Nov 2024 23:03

Tgt Ion: 94 Resp: 106058
 Ion Ratio Lower Upper
 94 100
 96 87.1 61.6 114.4

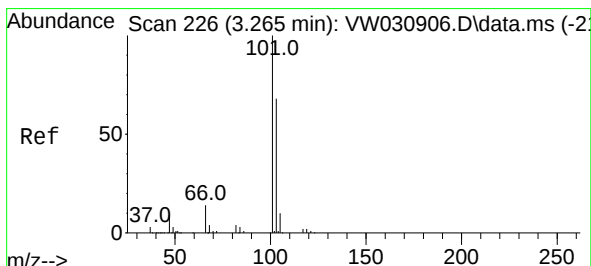
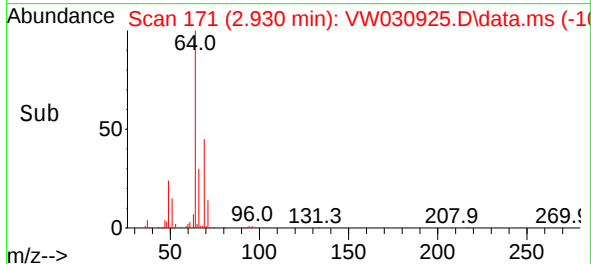
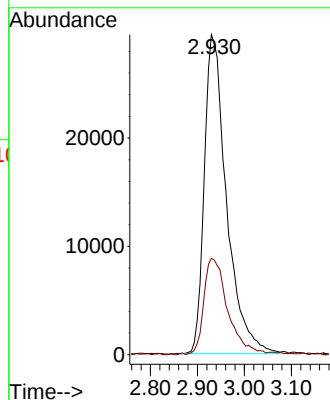
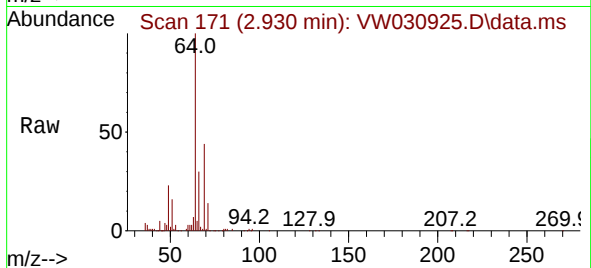




#8
Chloroethane
Concen: 21.357 ug/L
RT: 2.930 min Scan# 171
Delta R.T. 0.000 min
Lab File: VW030925.D
Acq: 04 Nov 2024 23:03

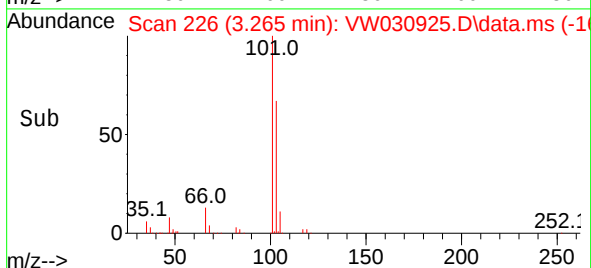
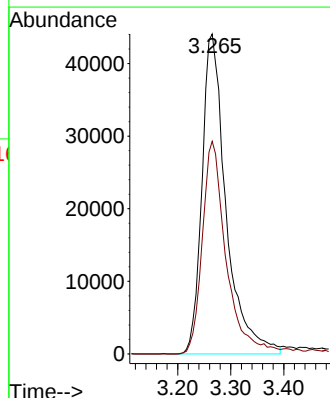
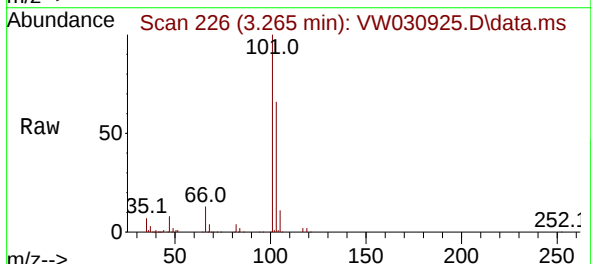
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MSVOA_W
ClientSampleId :

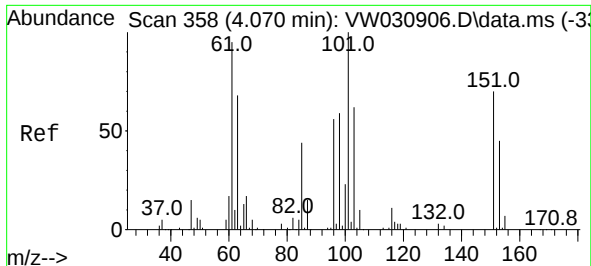
Tgt Ion: 64 Resp: 96789
Ion Ratio Lower Upper
64 100
66 30.1 23.5 43.7



#9
Trichlorofluoromethane
Concen: 20.409 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW030925.D
Acq: 04 Nov 2024 23:03

Tgt Ion:101 Resp: 139243
Ion Ratio Lower Upper
101 100
103 64.1 51.8 77.6





#10

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

Concen: 21.457 ug/L

RT: 4.070 min Scan# 358

Delta R.T. 0.000 min

Lab File: VW030925.D

Acq: 04 Nov 2024 23:03

Instrument :

MSVOA_W

ClientSampleId :

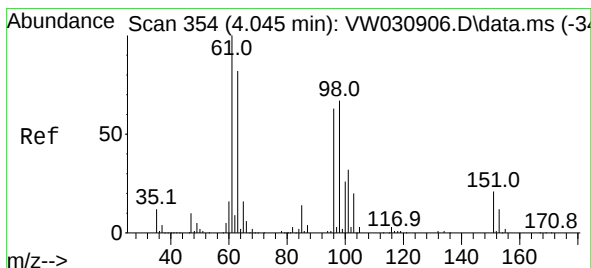
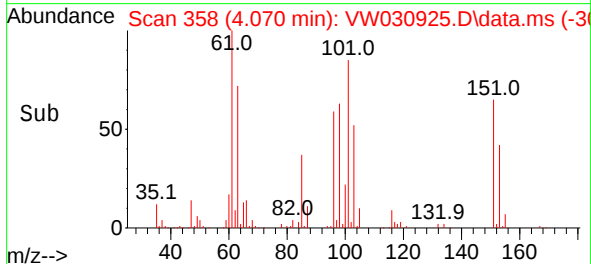
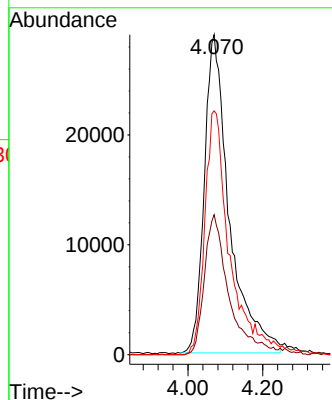
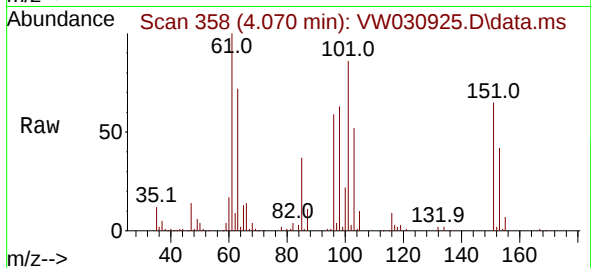
Tgt Ion:101 Resp: 134770

Ion Ratio Lower Upper

101 100

85 39.8 32.9 49.3

151 65.3 51.0 76.6



#12

1,1-Dichloroethene

Concen: 22.499 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.000 min

Lab File: VW030925.D

Acq: 04 Nov 2024 23:03

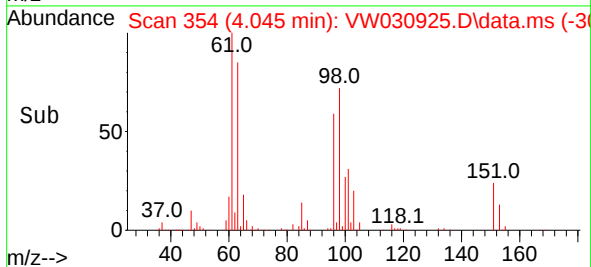
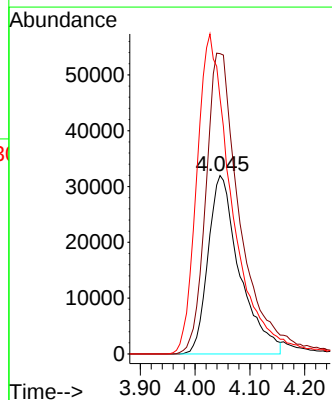
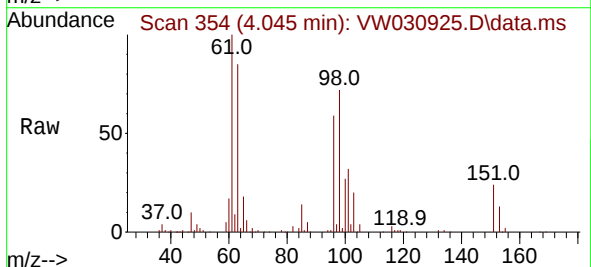
Tgt Ion: 96 Resp: 127808

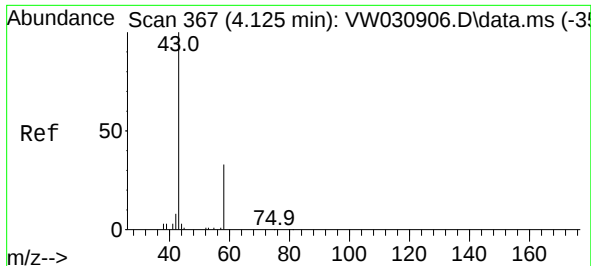
Ion Ratio Lower Upper

96 100

61 168.3 118.9 220.7

63 143.2 97.8 181.6

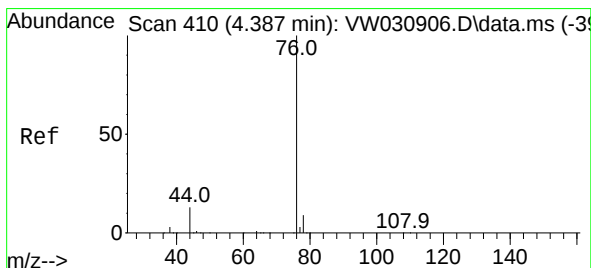
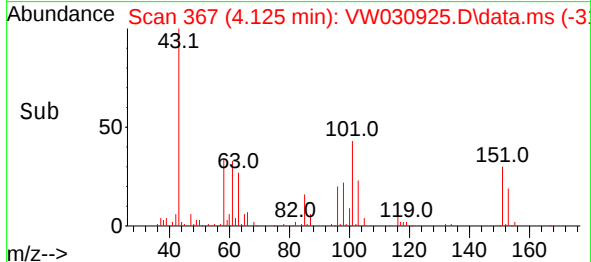
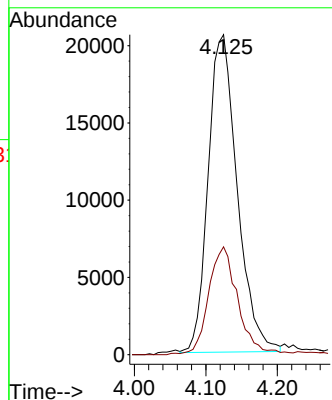
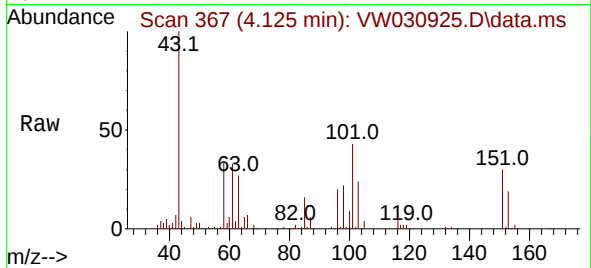




#13
Acetone
Concen: 40.107 ug/L
RT: 4.125 min Scan# 367
Delta R.T. 0.000 min
Lab File: VW030925.D
Acq: 04 Nov 2024 23:03

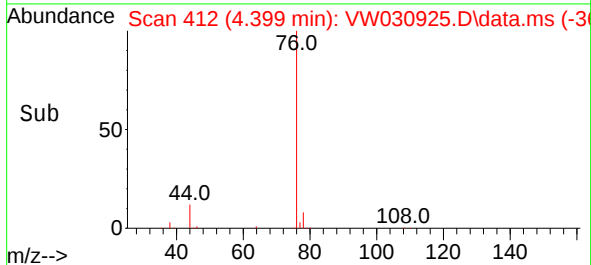
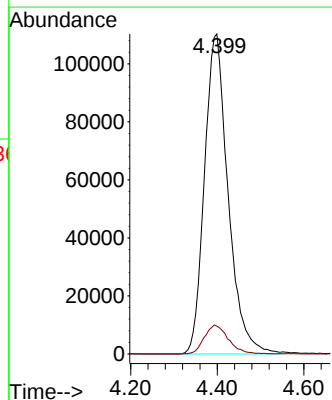
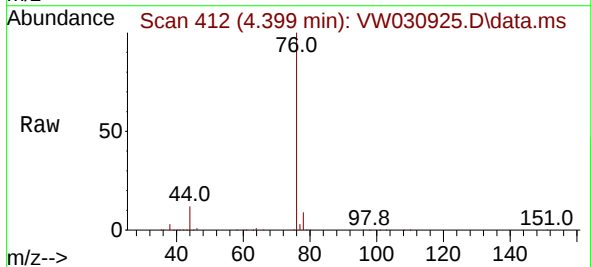
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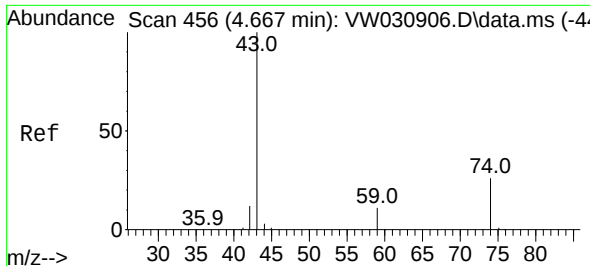
Tgt Ion: 43 Resp: 58105
Ion Ratio Lower Upper
43 100
58 32.6 0.0 62.6



#14
Carbon disulfide
Concen: 22.397 ug/L
RT: 4.399 min Scan# 412
Delta R.T. 0.012 min
Lab File: VW030925.D
Acq: 04 Nov 2024 23:03

Tgt Ion: 76 Resp: 418251
Ion Ratio Lower Upper
76 100
78 8.7 7.1 10.7

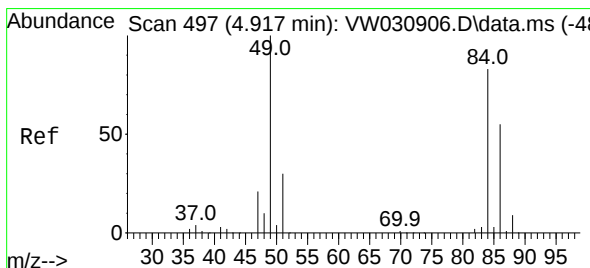
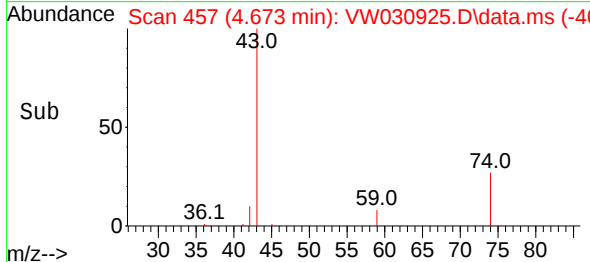
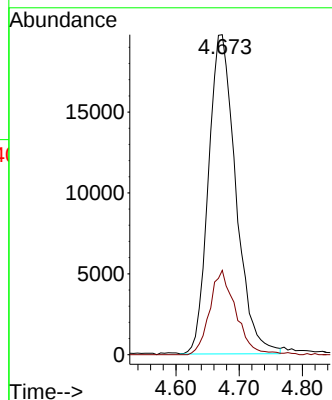
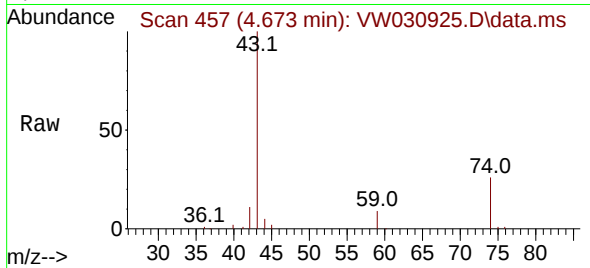




#15
Methyl Acetate
Concen: 27.940 ug/L
RT: 4.673 min Scan# 456
Delta R.T. 0.006 min
Lab File: VW030925.D
Acq: 04 Nov 2024 23:03

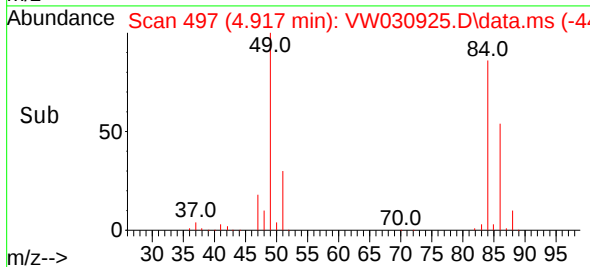
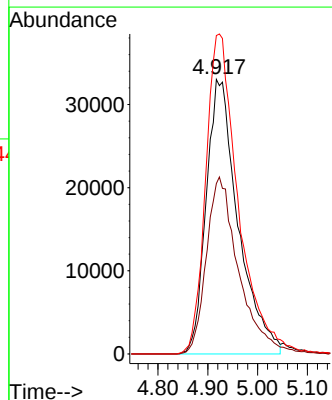
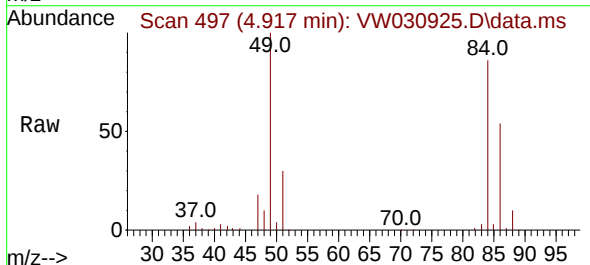
Instrument :
MSVOA_W
ClientSampleId :

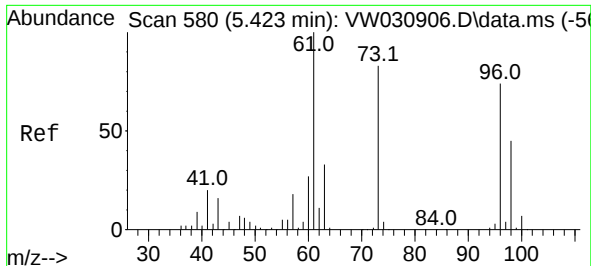
Tgt Ion: 43 Resp: 59373
Ion Ratio Lower Upper
43 100
74 24.7 20.2 30.2



#16
Methylene chloride
Concen: 23.603 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW030925.D
Acq: 04 Nov 2024 23:03

Tgt Ion: 84 Resp: 146653
Ion Ratio Lower Upper
84 100
86 62.1 41.8 77.6
49 116.0 82.8 153.8





#17

trans-1,2-Dichloroethene

Concen: 23.752 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.006 min

Lab File: VW030925.D

Acq: 04 Nov 2024 23:03

Instrument :

MSVOA_W

ClientSampleId :

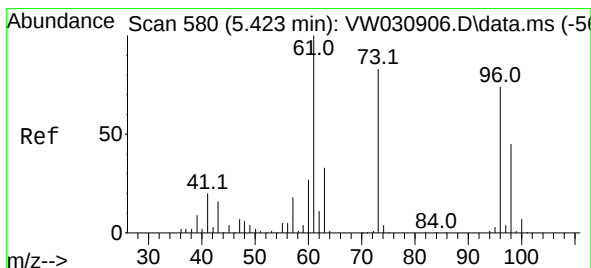
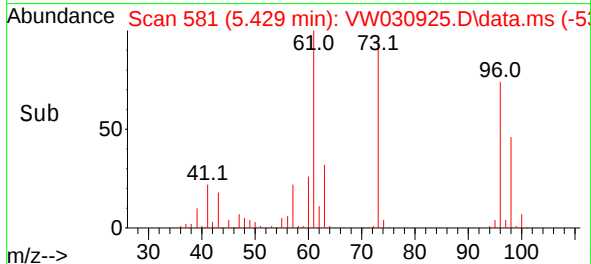
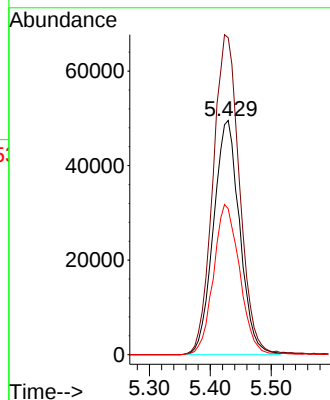
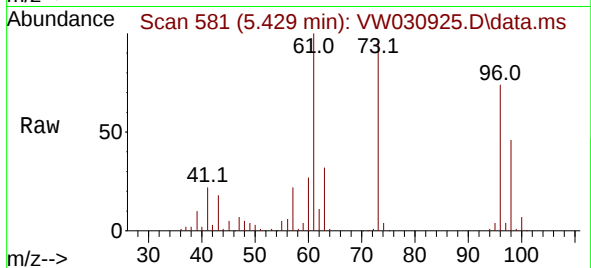
Tgt Ion: 96 Resp: 148023

Ion Ratio Lower Upper

96 100

61 135.3 95.2 176.8

98 62.3 42.6 79.2



#18

Methyl tert-butyl Ether

Concen: 26.460 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.006 min

Lab File: VW030925.D

Acq: 04 Nov 2024 23:03

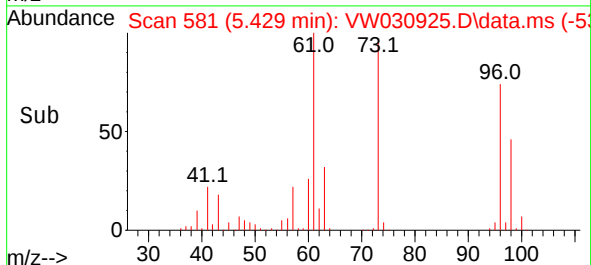
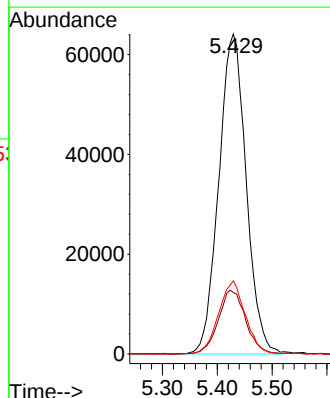
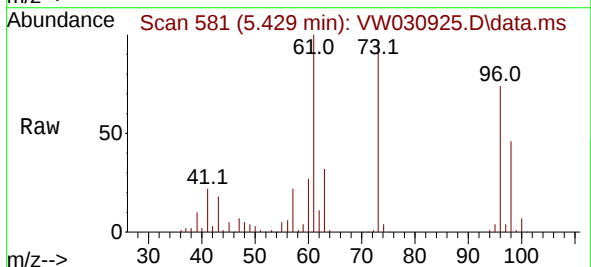
Tgt Ion: 73 Resp: 222569

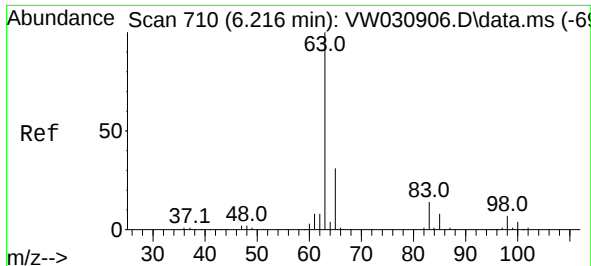
Ion Ratio Lower Upper

73 100

43 20.0 16.2 24.2

57 22.2 17.3 25.9





#19

1,1-Dichloroethane

Concen: 23.783 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW030925.D

Acq: 04 Nov 2024 23:03

Instrument :

MSVOA_W

ClientSampleId :

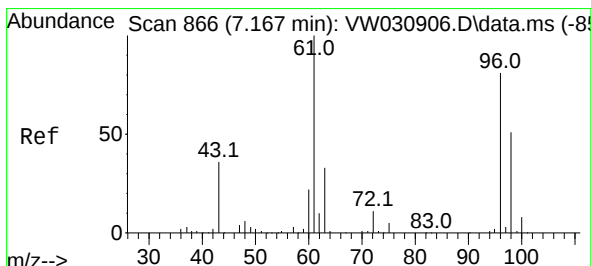
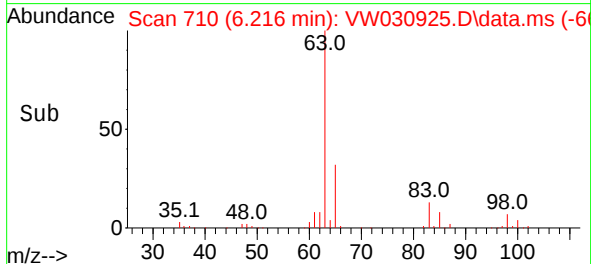
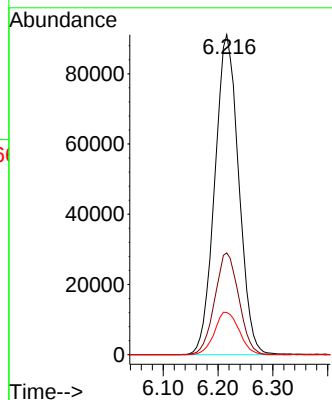
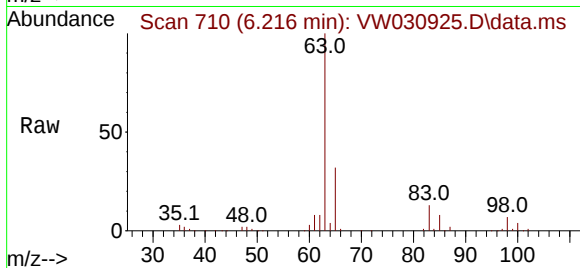
Tgt Ion: 63 Resp: 276588

Ion Ratio Lower Upper

63 100

65 31.8 23.0 42.8

83 13.2 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 25.042 ug/L

RT: 7.167 min Scan# 866

Delta R.T. 0.000 min

Lab File: VW030925.D

Acq: 04 Nov 2024 23:03

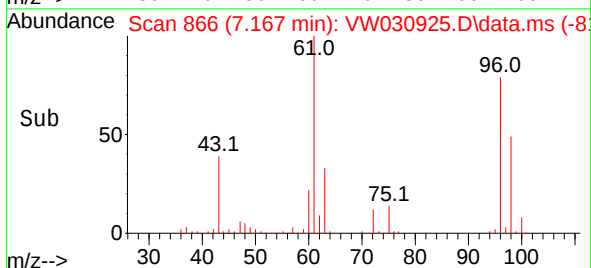
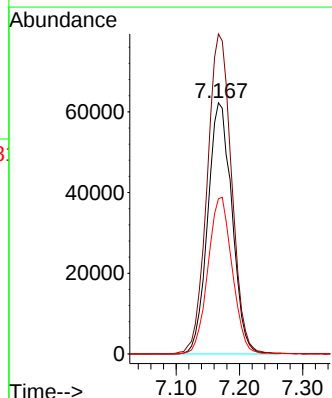
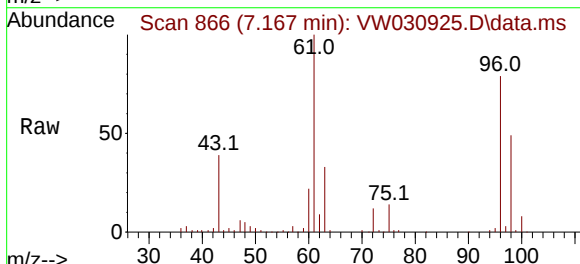
Tgt Ion: 96 Resp: 165558

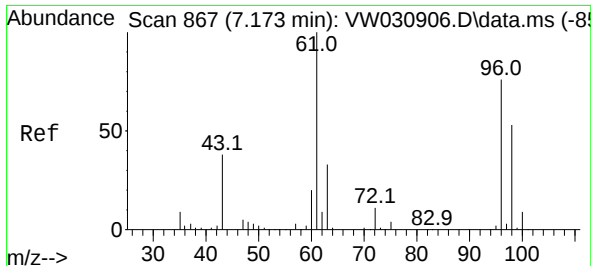
Ion Ratio Lower Upper

96 100

61 127.4 89.2 165.8

98 61.8 45.1 83.9





#22

2-Butanone

Concen: 51.551 ug/L

RT: 7.167 min Scan# 867

Delta R.T. -0.006 min

Lab File: VW030925.D

Acq: 04 Nov 2024 23:03

Instrument :

MSVOA_W

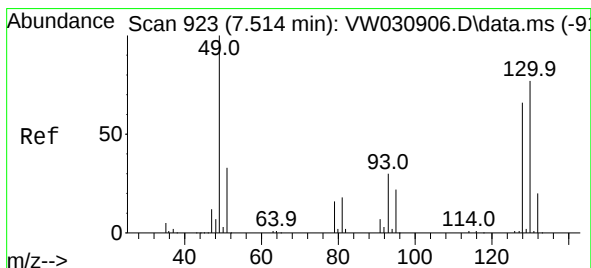
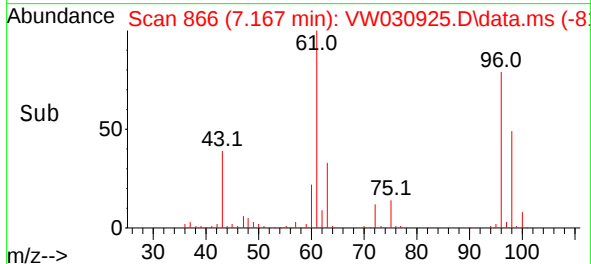
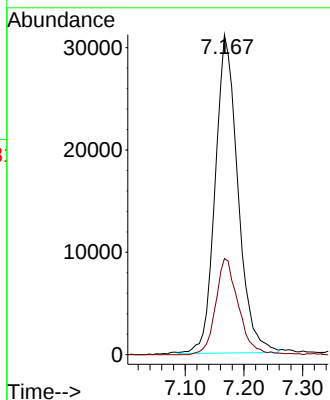
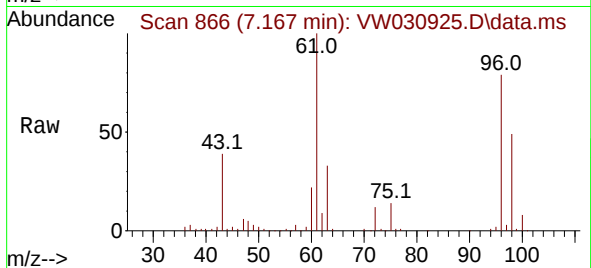
ClientSampleId :

Tgt Ion: 43 Resp: 83637

Ion Ratio Lower Upper

43 100

72 29.9 14.5 43.6



#23

Bromochloromethane

Concen: 24.967 ug/L

RT: 7.514 min Scan# 923

Delta R.T. 0.000 min

Lab File: VW030925.D

Acq: 04 Nov 2024 23:03

Tgt Ion: 128 Resp: 72289

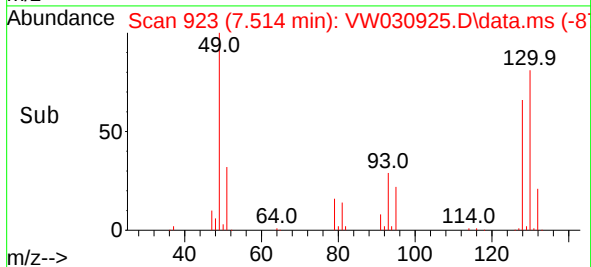
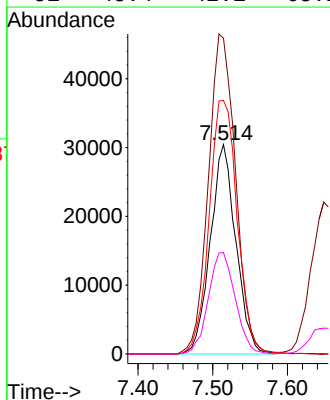
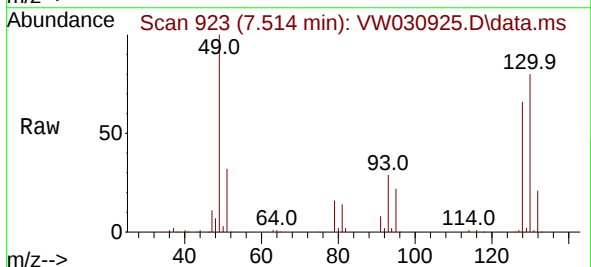
Ion Ratio Lower Upper

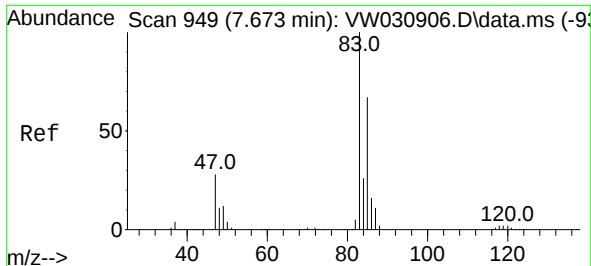
128 100

49 150.7 112.4 208.8

130 121.1 86.2 160.0

51 48.4 42.1 63.1





#25

Chloroform

Concen: 23.753 ug/L

RT: 7.679 min Scan# 949

Delta R.T. 0.006 min

Lab File: VW030925.D

Acq: 04 Nov 2024 23:03

Instrument :

MSVOA_W

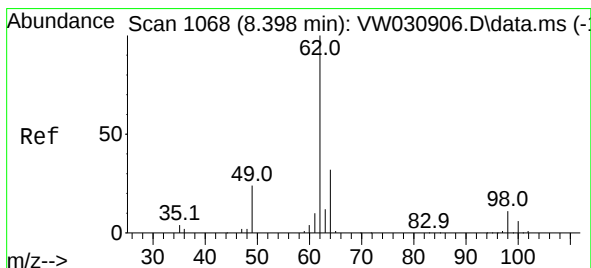
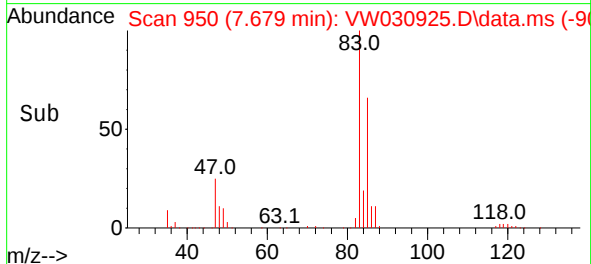
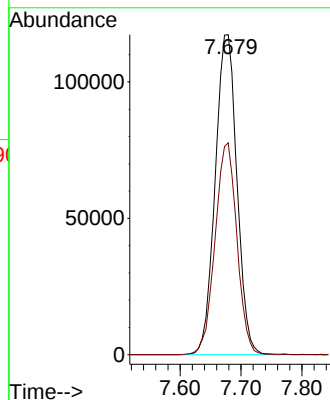
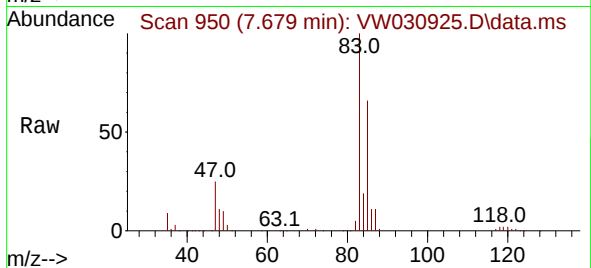
ClientSampleId :

Tgt Ion: 83 Resp: 290647

Ion Ratio Lower Upper

83 100

85 66.2 47.2 87.6



#27

1,2-Dichloroethane

Concen: 23.821 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW030925.D

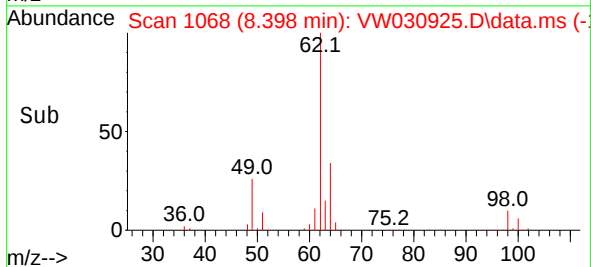
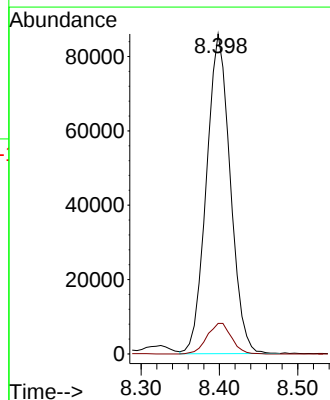
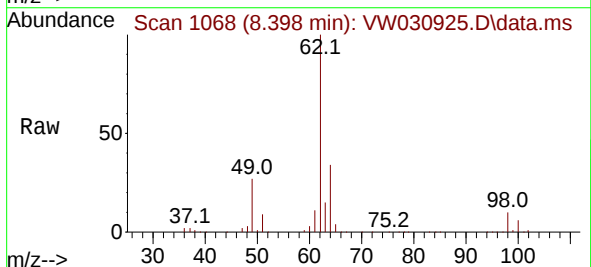
Acq: 04 Nov 2024 23:03

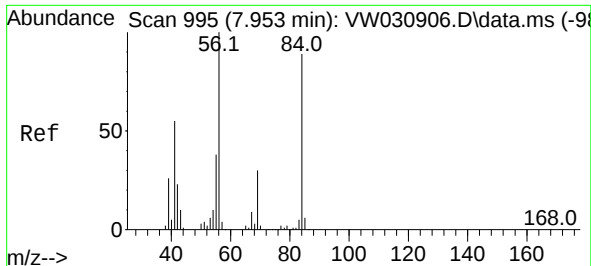
Tgt Ion: 62 Resp: 181532

Ion Ratio Lower Upper

62 100

98 9.5 7.1 10.7





#29

Cyclohexane

Concen: 22.980 ug/L

RT: 7.953 min Scan# 995

Delta R.T. 0.000 min

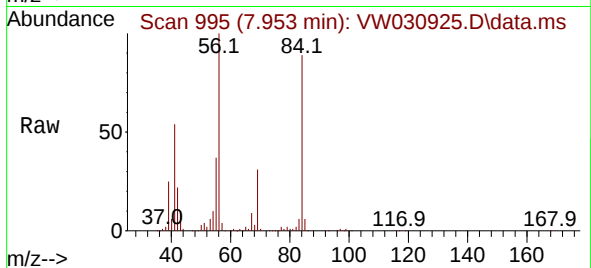
Lab File: VW030925.D

Acq: 04 Nov 2024 23:03

Instrument :

MSVOA_W

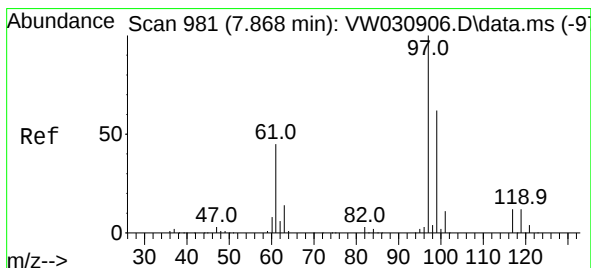
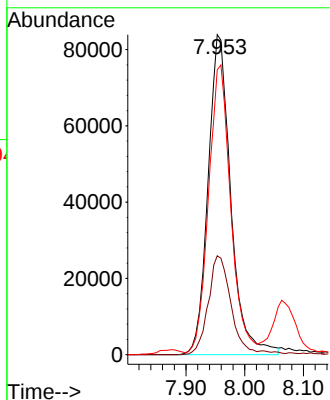
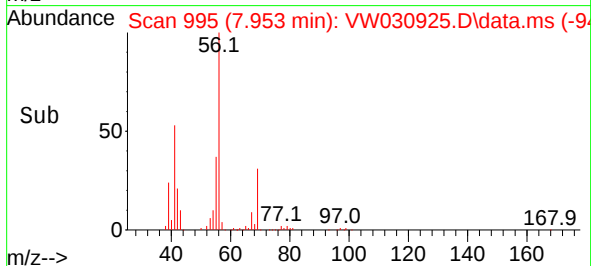
ClientSampleId :



Tgt Ion: 56 Resp: 225182

Ion Ratio Lower Upper

56	100		
69	30.5	24.8	37.2
84	87.4	69.5	104.3



#30

1,1,1-Trichloroethane

Concen: 21.465 ug/L

RT: 7.868 min Scan# 981

Delta R.T. 0.000 min

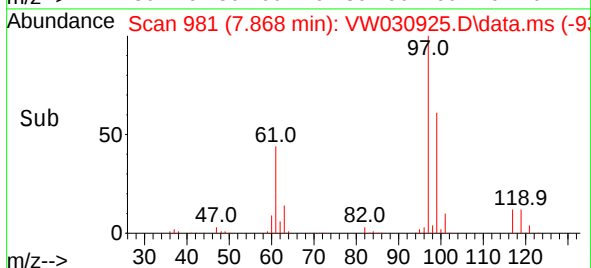
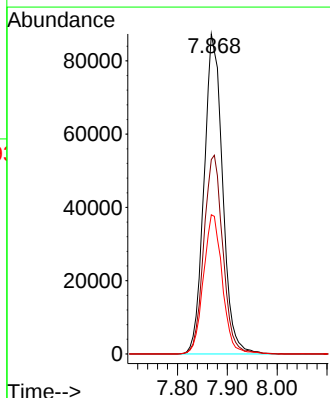
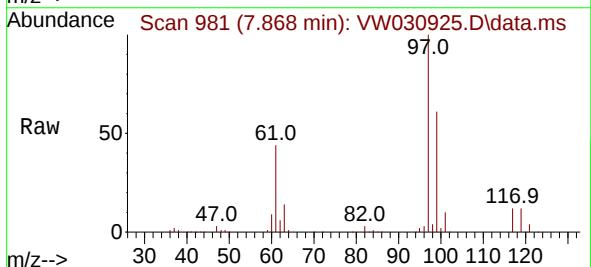
Lab File: VW030925.D

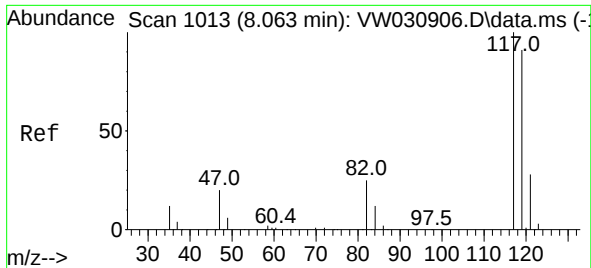
Acq: 04 Nov 2024 23:03

Tgt Ion: 97 Resp: 225467

Ion Ratio Lower Upper

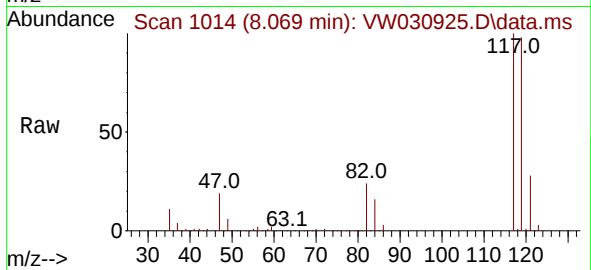
97	100		
99	63.8	51.3	76.9
61	44.5	36.2	54.4



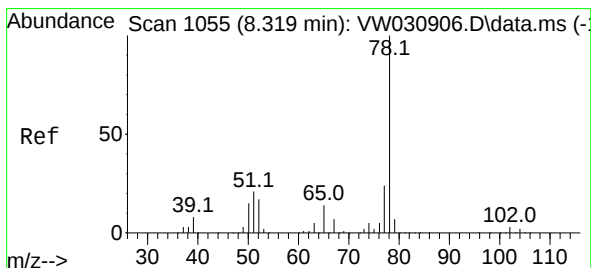
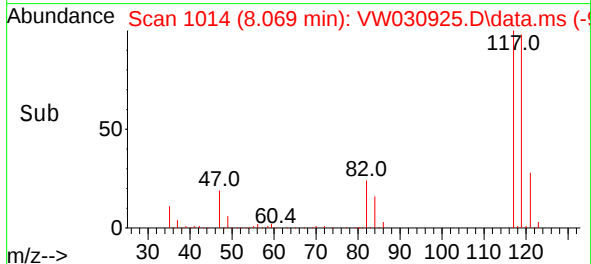
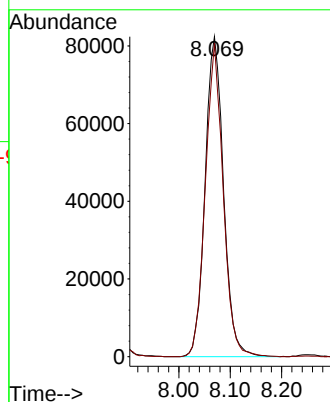


#31
Carbon tetrachloride
Concen: 21.725 ug/L
RT: 8.069 min Scan# 1013
Delta R.T. 0.006 min
Lab File: VW030925.D
Acq: 04 Nov 2024 23:03

Instrument :
MSVOA_W
ClientSampleId :

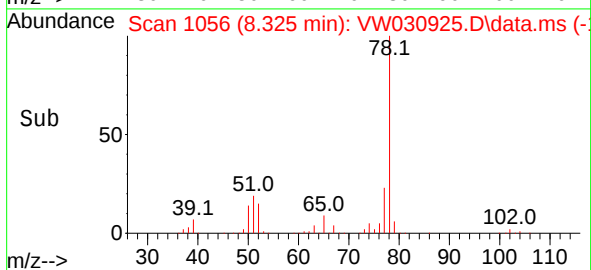
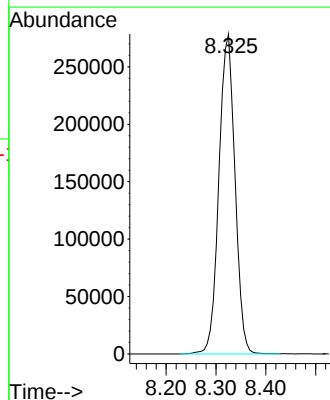
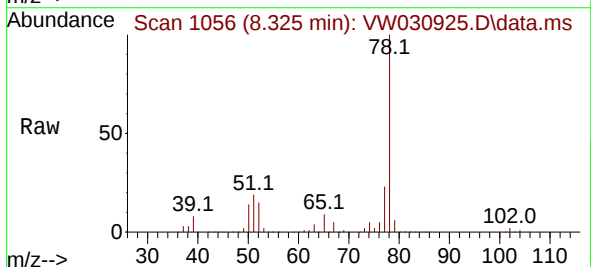


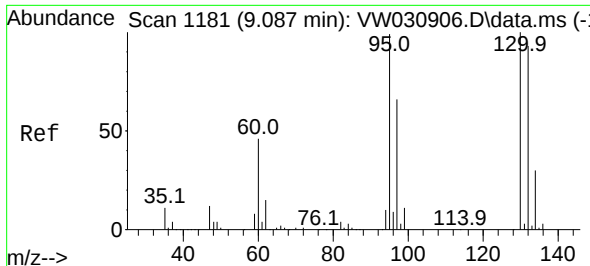
Tgt Ion:117 Resp: 205053
Ion Ratio Lower Upper
117 100
119 94.8 76.2 114.2



#33
Benzene
Concen: 23.653 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VW030925.D
Acq: 04 Nov 2024 23:03

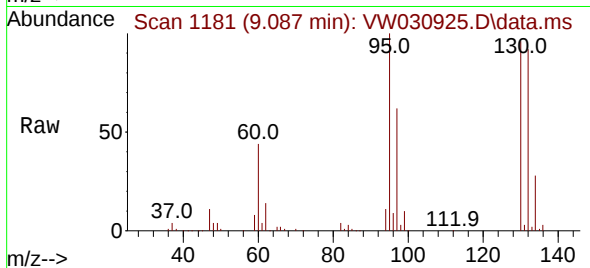
Tgt Ion: 78 Resp: 623406



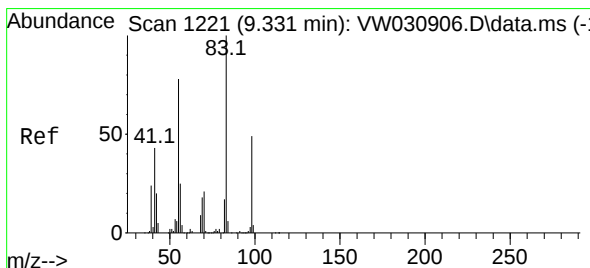
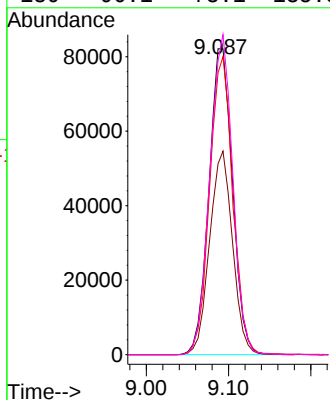
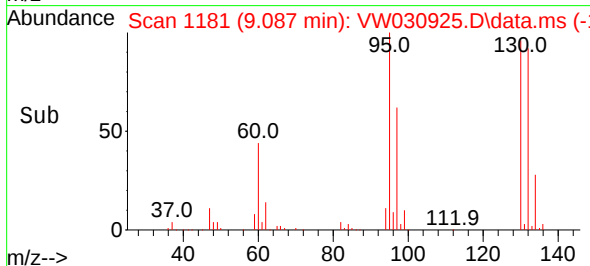


#34
Trichloroethene
Concen: 22.576 ug/L
RT: 9.087 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VW030925.D
Acq: 04 Nov 2024 23:03

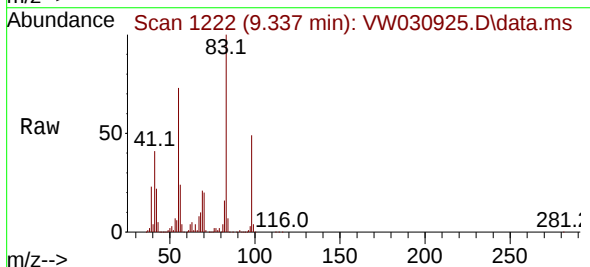
Instrument :
MSVOA_W
ClientSampleId :



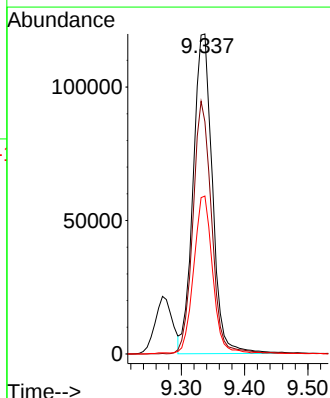
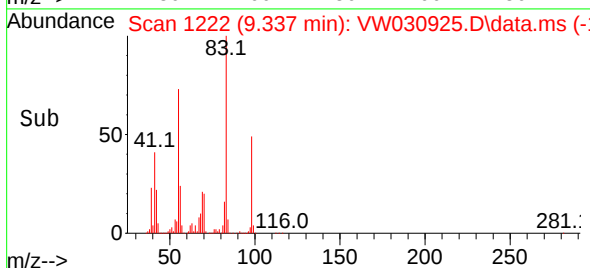
Tgt Ion: 95 Resp: 164077
Ion Ratio Lower Upper
95 100
97 62.4 48.9 90.7
132 92.1 67.7 125.7
130 96.1 73.1 135.8

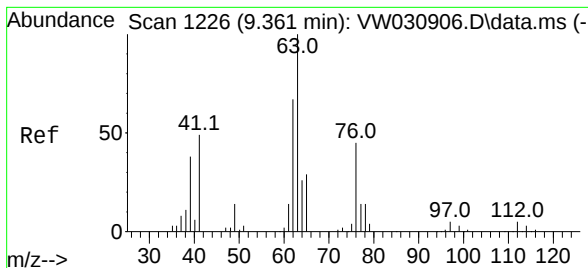


#35
Methylcyclohexane
Concen: 22.012 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. 0.006 min
Lab File: VW030925.D
Acq: 04 Nov 2024 23:03



Tgt Ion: 83 Resp: 253555
Ion Ratio Lower Upper
83 100
55 76.4 62.8 94.2
98 48.2 39.4 59.2





#37

1,2-Dichloropropane

Concen: 24.148 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VW030925.D

Acq: 04 Nov 2024 23:03

Instrument :

MSVOA_W

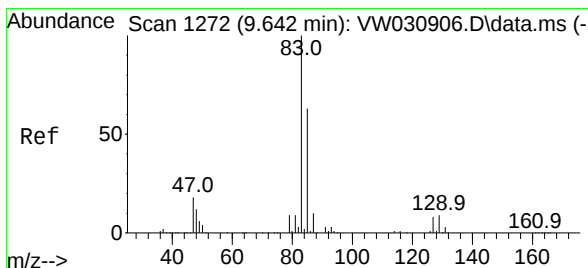
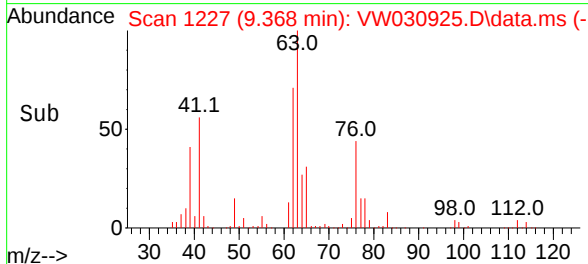
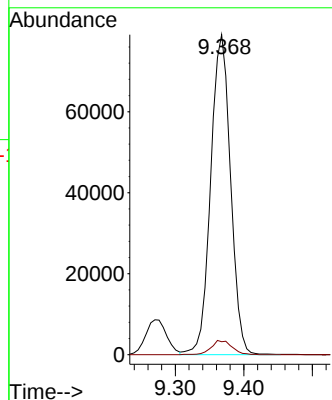
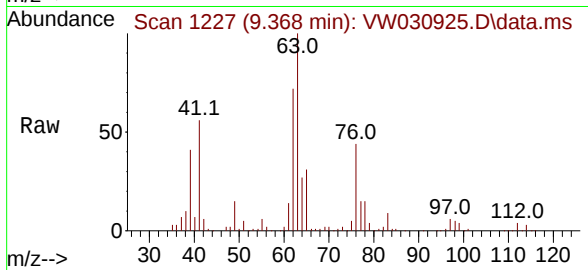
ClientSampleId :

Tgt Ion: 63 Resp: 159063

Ion Ratio Lower Upper

63 100

112 4.6 3.5 5.3



#38

Bromodichloromethane

Concen: 23.514 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW030925.D

Acq: 04 Nov 2024 23:03

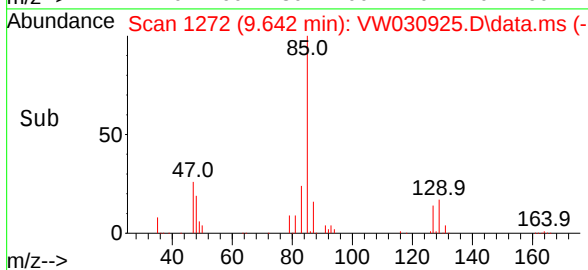
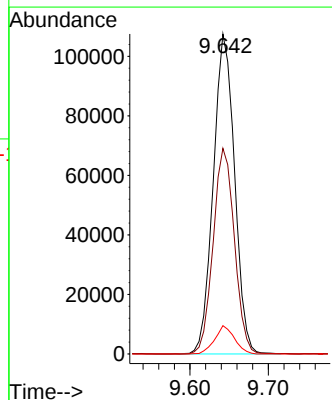
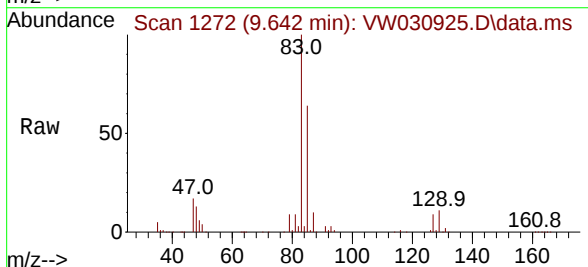
Tgt Ion: 83 Resp: 203400

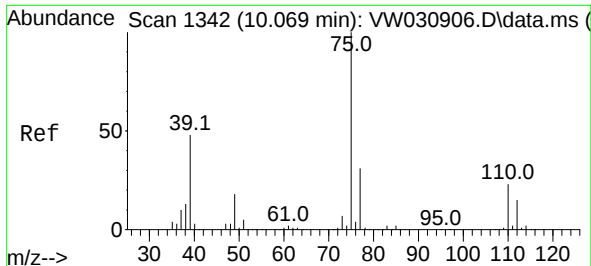
Ion Ratio Lower Upper

83 100

85 64.3 44.1 81.9

127 8.8 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 24.243 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. 0.000 min

Lab File: VW030925.D

Acq: 04 Nov 2024 23:03

Instrument :

MSVOA_W

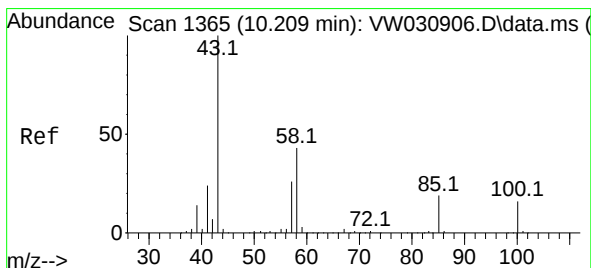
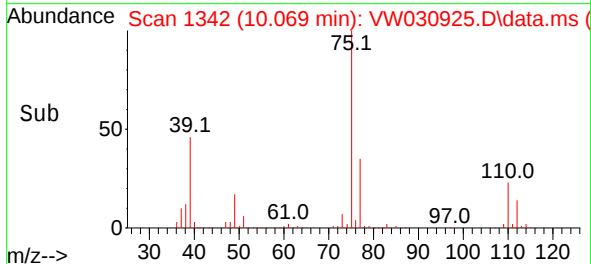
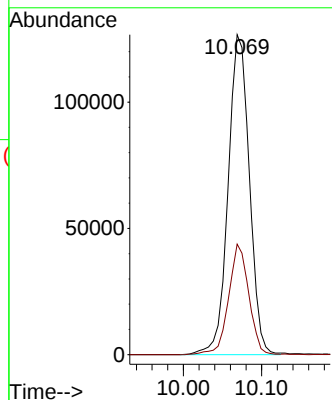
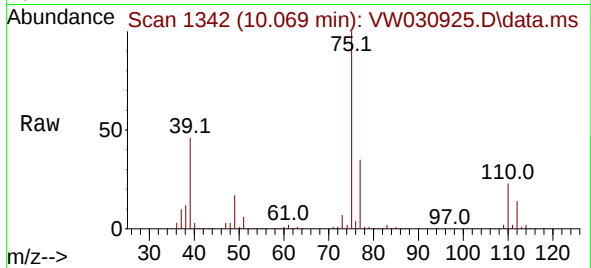
ClientSampleId :

Tgt Ion: 75 Resp: 238881

Ion Ratio Lower Upper

75 100

77 34.6 21.3 39.6



#40

4-Methyl-2-pentanone

Concen: 57.090 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW030925.D

Acq: 04 Nov 2024 23:03

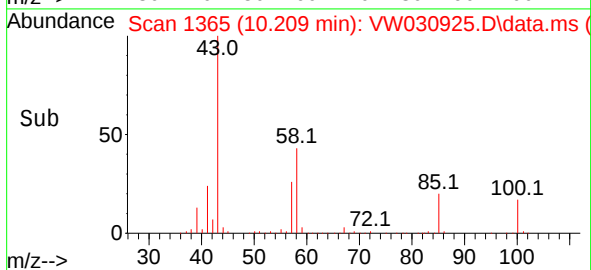
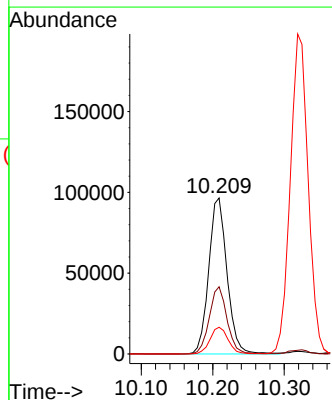
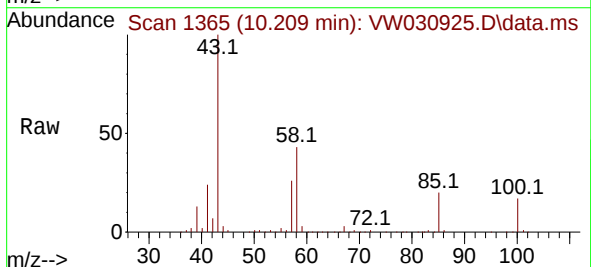
Tgt Ion: 43 Resp: 171974

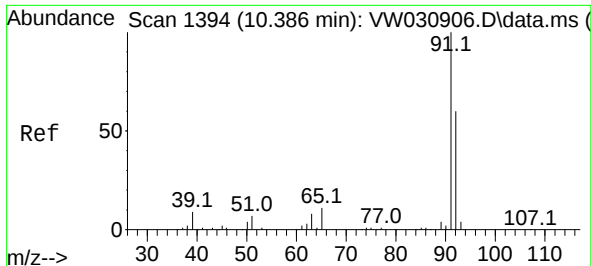
Ion Ratio Lower Upper

43 100

58 41.5 32.2 48.4

100 17.0 13.3 19.9





#42

Toluene

Concen: 24.051 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW030925.D

Acq: 04 Nov 2024 23:03

Instrument :

MSVOA_W

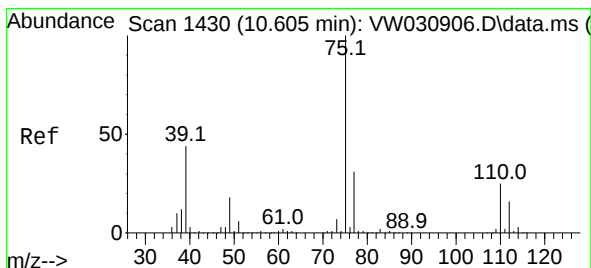
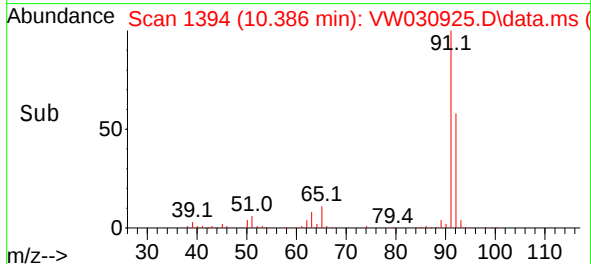
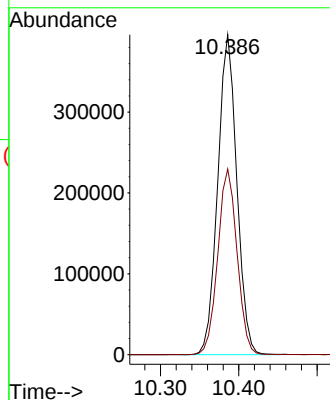
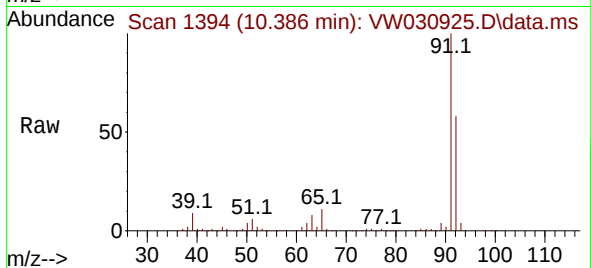
ClientSampleId :

Tgt Ion: 91 Resp: 671267

Ion Ratio Lower Upper

91 100

92 58.0 39.4 73.2



#44

trans-1,3-Dichloropropene

Concen: 24.294 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW030925.D

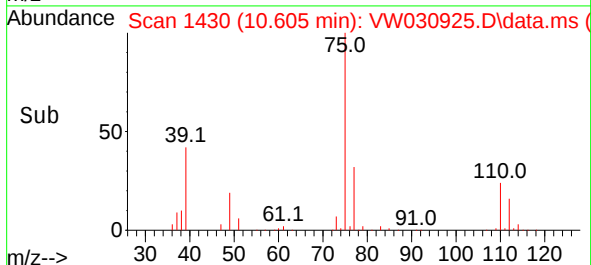
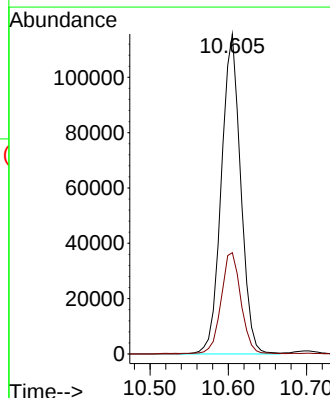
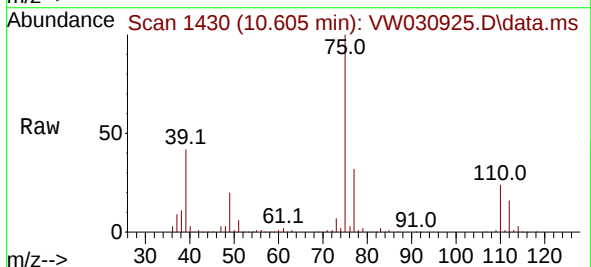
Acq: 04 Nov 2024 23:03

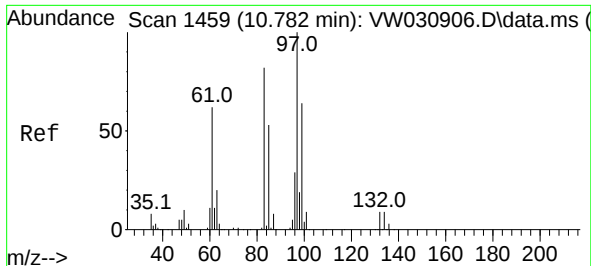
Tgt Ion: 75 Resp: 198871

Ion Ratio Lower Upper

75 100

77 31.6 23.6 43.8





#45

1,1,2-Trichloroethane

Concen: 24.804 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VW030925.D

Acq: 04 Nov 2024 23:03

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 117274

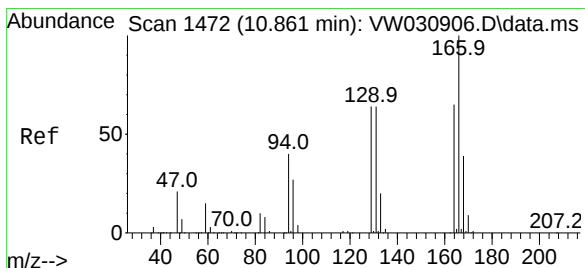
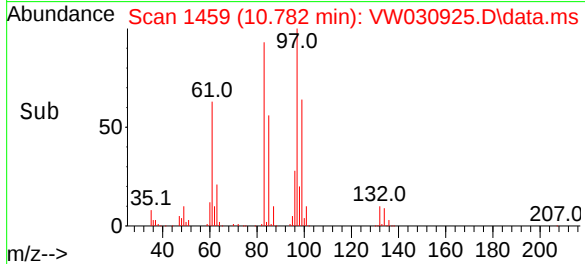
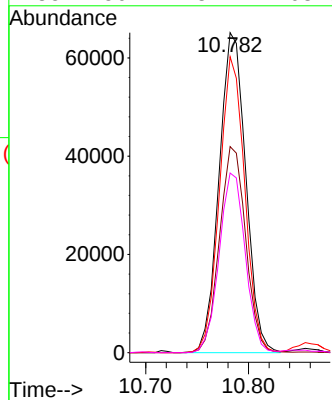
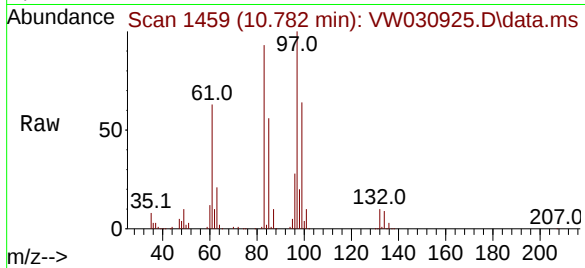
Ion Ratio Lower Upper

97 100

99 64.4 42.8 79.4

83 92.5 60.6 112.6

85 56.1 37.1 68.9



#46

Tetrachloroethene

Concen: 22.543 ug/L

RT: 10.855 min Scan# 1471

Delta R.T. -0.006 min

Lab File: VW030925.D

Acq: 04 Nov 2024 23:03

Tgt Ion:164 Resp: 125252

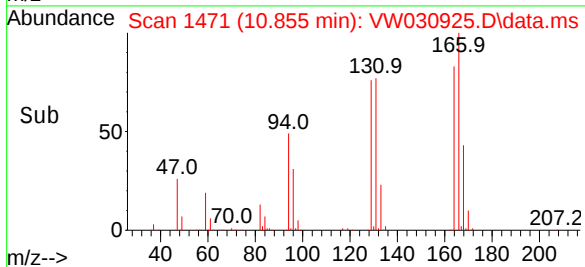
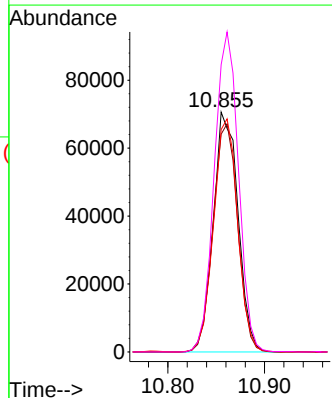
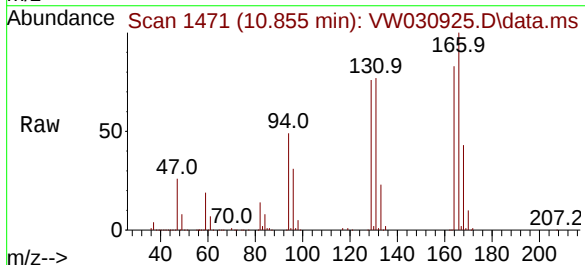
Ion Ratio Lower Upper

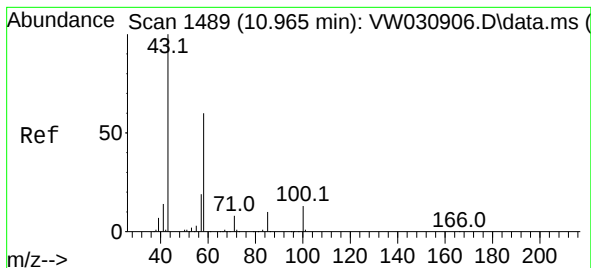
164 100

129 90.8 71.1 132.1

131 92.7 62.6 116.3

166 119.8 83.7 155.5





#48

2-Hexanone

Concen: 53.661 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

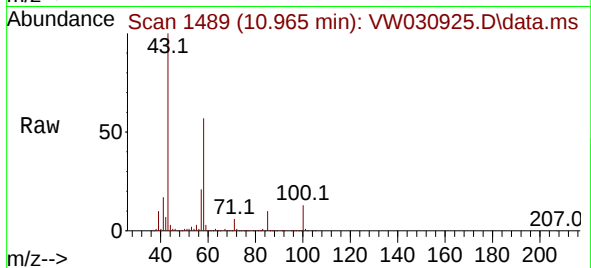
Lab File: VW030925.D

Acq: 04 Nov 2024 23:03

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 122978

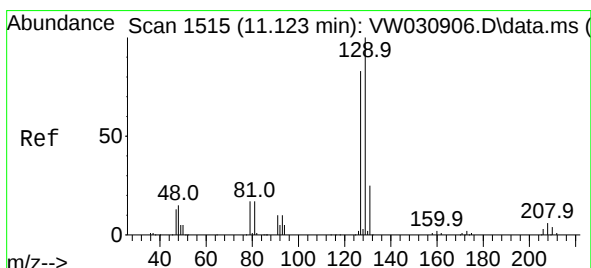
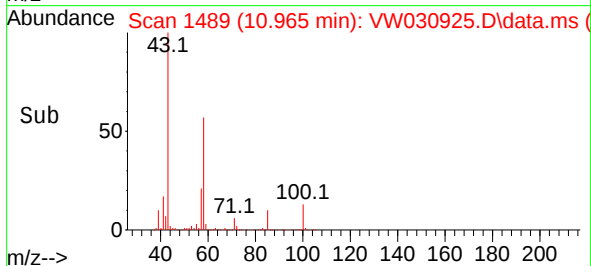
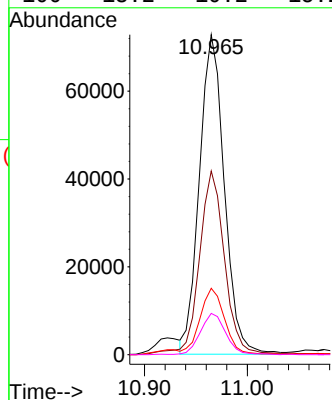
Ion Ratio Lower Upper

43 100

58 58.1 43.8 65.8

57 20.5 15.4 23.2

100 13.2 10.2 15.2



#49

Dibromochloromethane

Concen: 25.313 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. 0.000 min

Lab File: VW030925.D

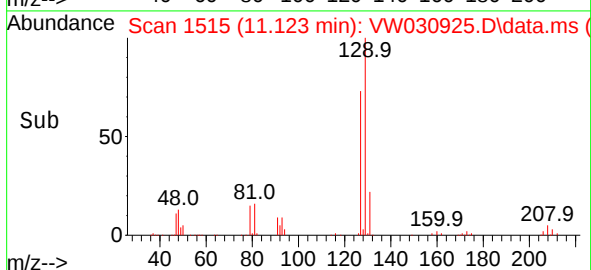
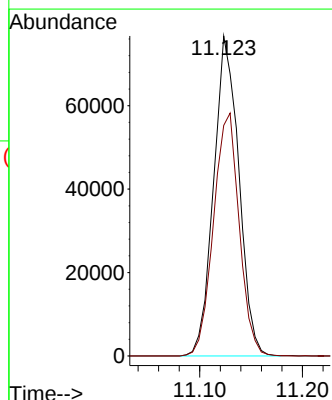
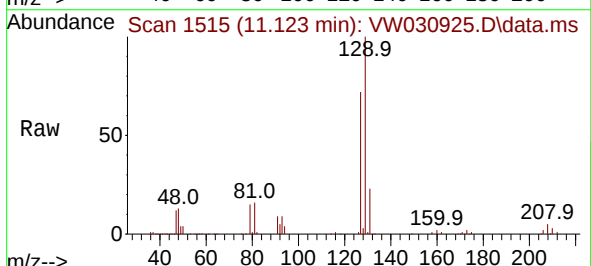
Acq: 04 Nov 2024 23:03

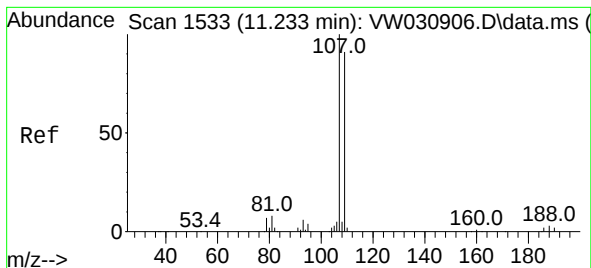
Tgt Ion:129 Resp: 130488

Ion Ratio Lower Upper

129 100

127 72.1 52.1 96.7

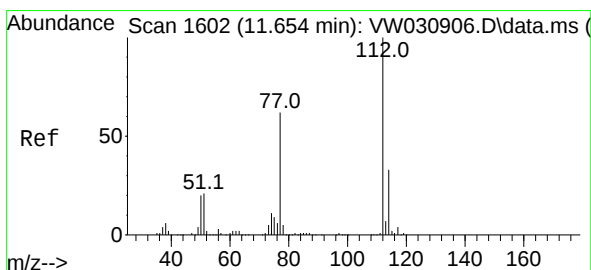
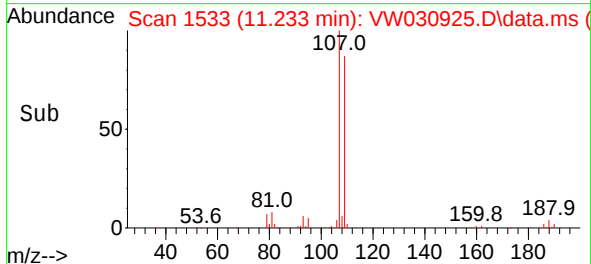
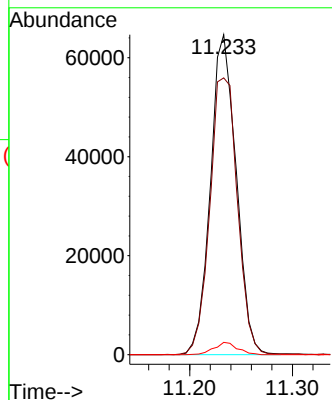
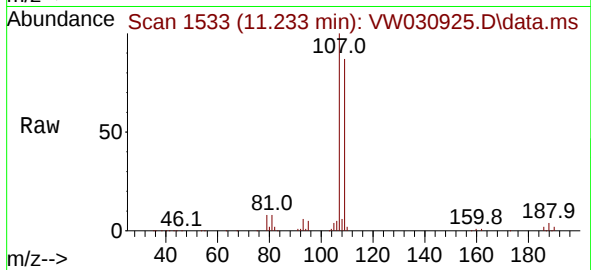




#50
1,2-Dibromoethane
Concen: 25.835 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW030925.D
Acq: 04 Nov 2024 23:03

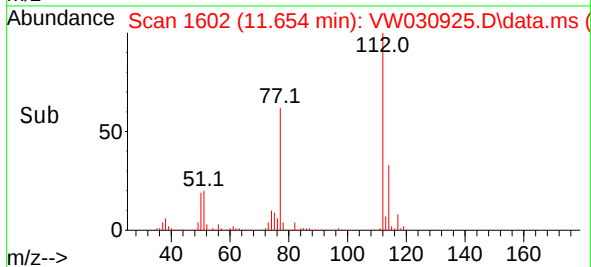
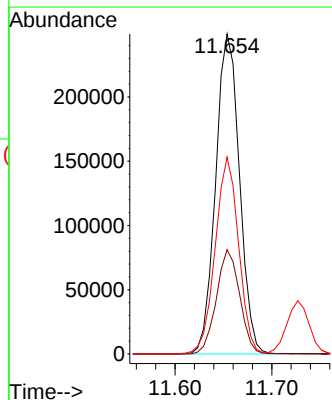
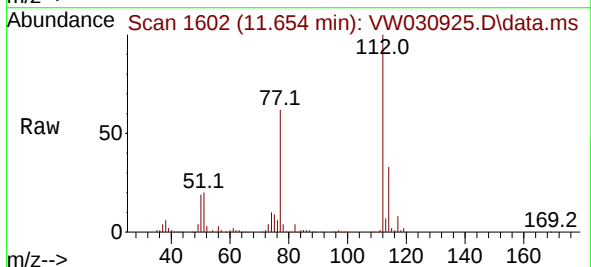
Instrument :
MSVOA_W
ClientSampleId :

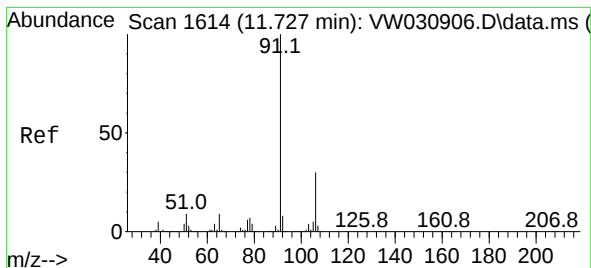
Tgt Ion:107 Resp: 112644
Ion Ratio Lower Upper
107 100
109 86.5 64.3 119.3
188 3.9 2.7 4.1



#51
Chlorobenzene
Concen: 23.825 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW030925.D
Acq: 04 Nov 2024 23:03

Tgt Ion:112 Resp: 425573
Ion Ratio Lower Upper
112 100
114 32.6 21.9 40.7
77 61.5 45.3 67.9

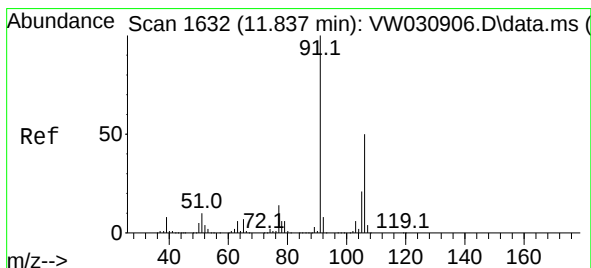
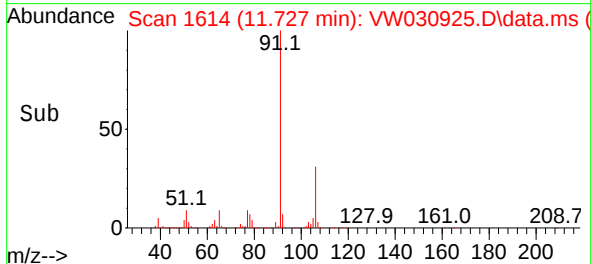
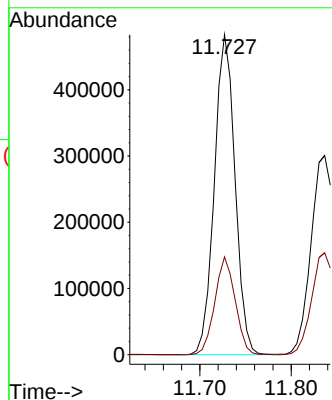
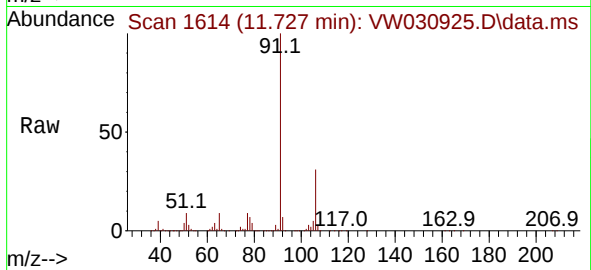




#52
Ethylbenzene
Concen: 24.051 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW030925.D
Acq: 04 Nov 2024 23:03

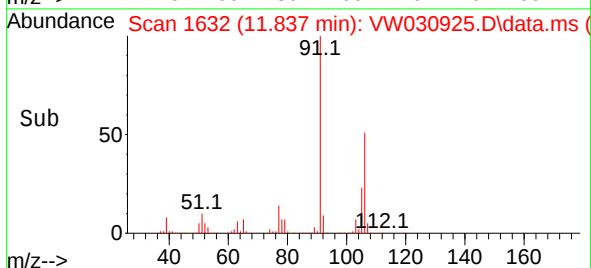
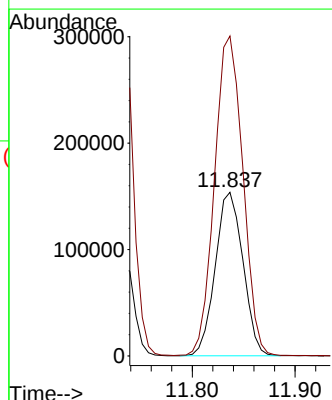
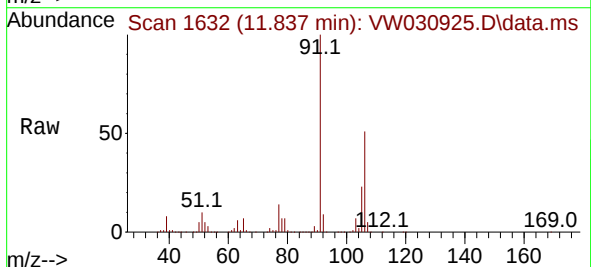
Instrument :
MSVOA_W
ClientSampleId :

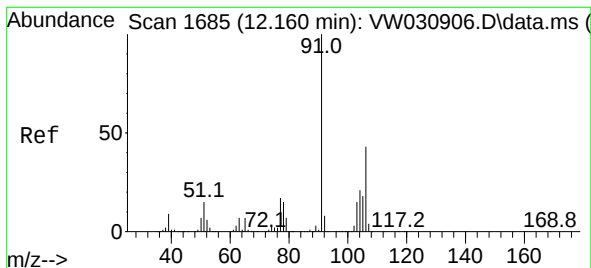
Tgt Ion: 91 Resp: 758451
Ion Ratio Lower Upper
91 100
106 30.5 21.6 40.0



#53
m,p-Xylene
Concen: 24.284 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW030925.D
Acq: 04 Nov 2024 23:03

Tgt Ion:106 Resp: 288022
Ion Ratio Lower Upper
106 100
91 195.4 140.7 261.3





#54

o-Xylene

Concen: 24.721 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW030925.D

Acq: 04 Nov 2024 23:03

Instrument :

MSVOA_W

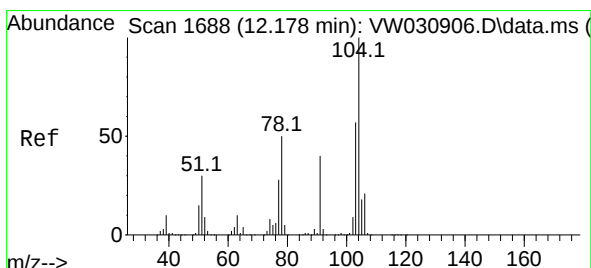
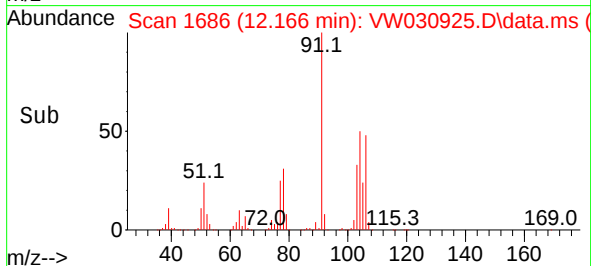
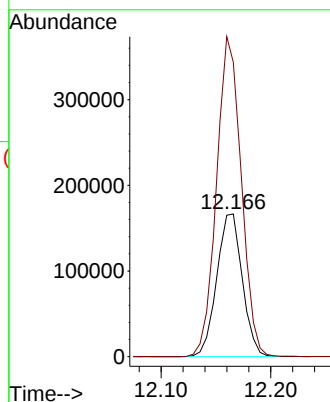
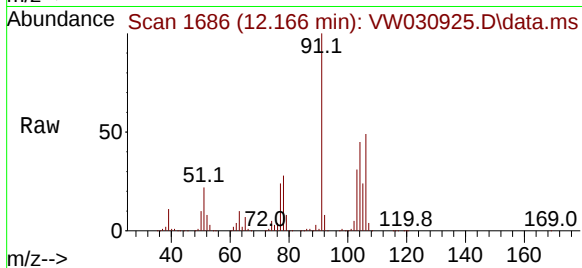
ClientSampleId :

Tgt Ion:106 Resp: 269794

Ion Ratio Lower Upper

106 100

91 206.2 149.9 278.3



#55

Styrene

Concen: 25.268 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW030925.D

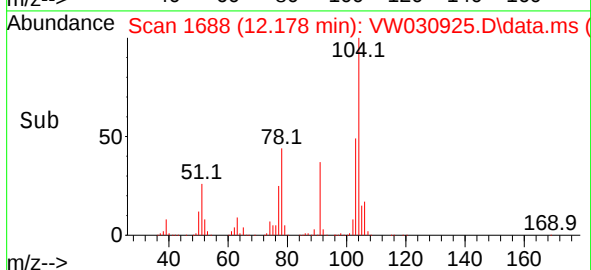
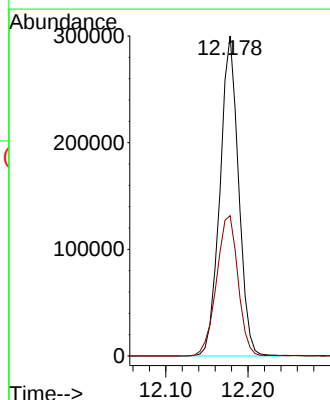
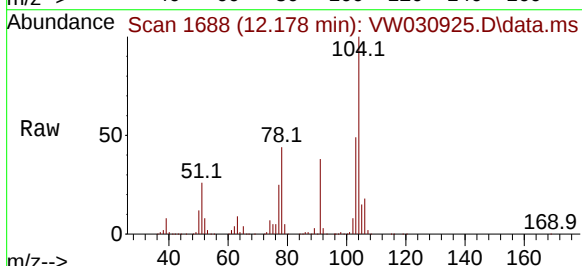
Acq: 04 Nov 2024 23:03

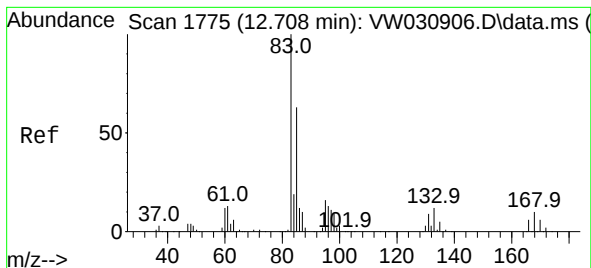
Tgt Ion:104 Resp: 471168

Ion Ratio Lower Upper

104 100

78 43.8 31.8 59.0

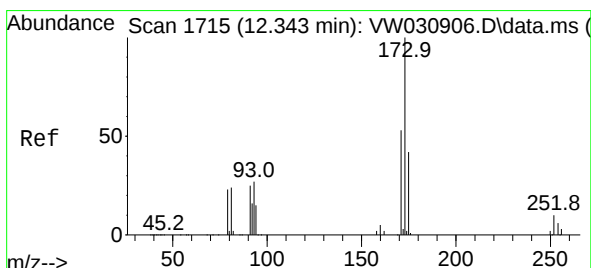
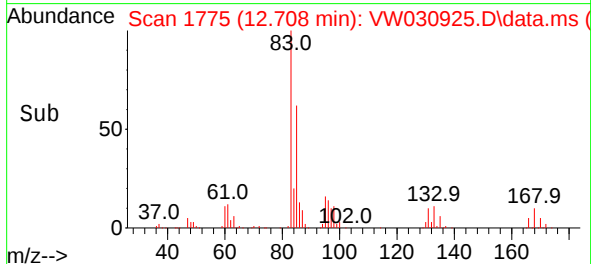
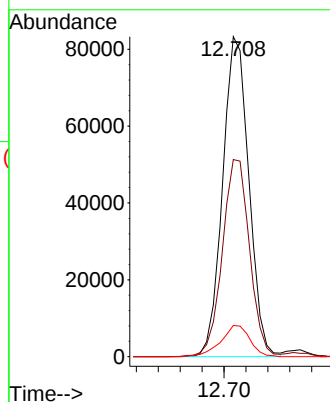
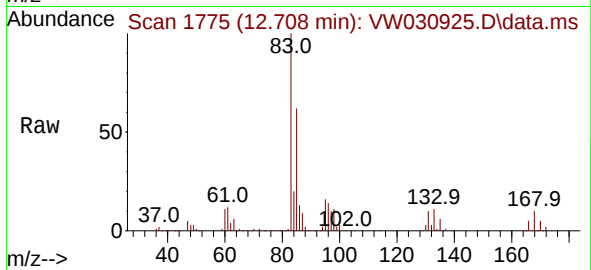




#57
1,1,2,2-Tetrachloroethane
Concen: 26.811 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VW030925.D
Acq: 04 Nov 2024 23:03

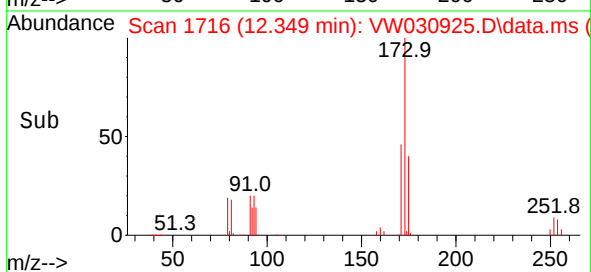
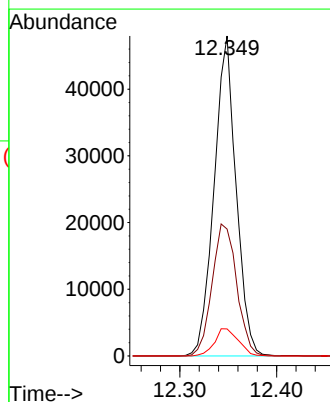
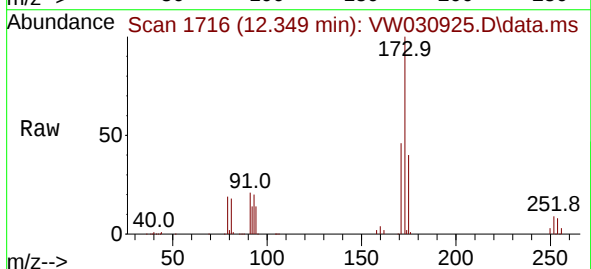
Instrument :
MSVOA_W
ClientSampleId :

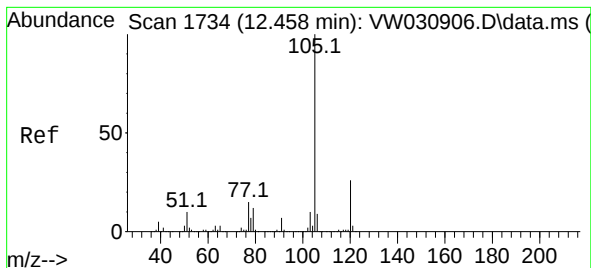
Tgt Ion: 83 Resp: 138338
Ion Ratio Lower Upper
83 100
85 61.6 45.1 83.7
131 9.8 7.7 11.5



#59
Bromoform
Concen: 26.478 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VW030925.D
Acq: 04 Nov 2024 23:03

Tgt Ion:173 Resp: 75614
Ion Ratio Lower Upper
173 100
175 46.2 39.3 58.9
254 9.3 7.8 11.6





#60

Isopropylbenzene

Concen: 23.872 ug/L

RT: 12.459 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030925.D

Acq: 04 Nov 2024 23:03

Instrument :

MSVOA_W

ClientSampleId :

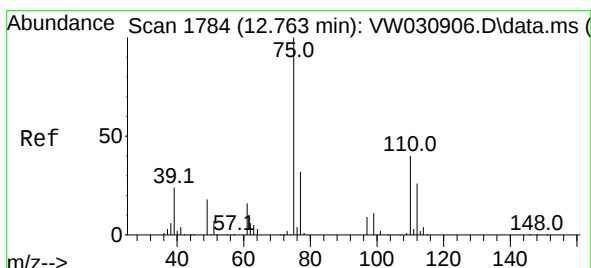
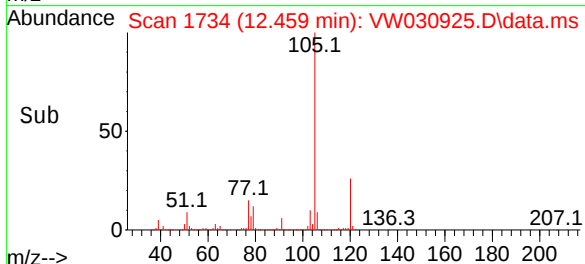
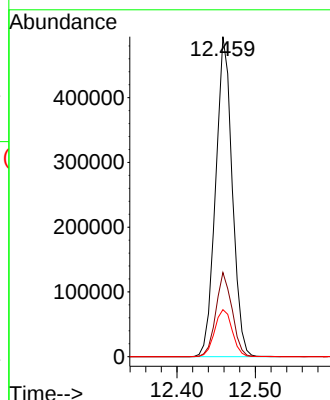
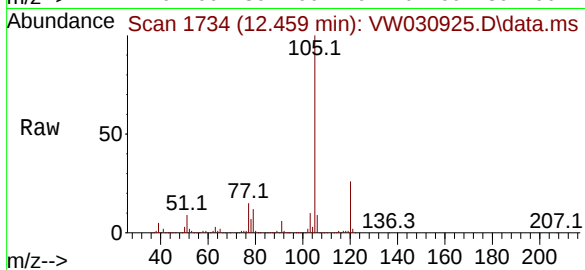
Tgt Ion:105 Resp: 728243

Ion Ratio Lower Upper

105 100

120 25.7 20.6 31.0

77 15.6 13.0 19.4



#61

1,2,3-Trichloropropane

Concen: 25.533 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW030925.D

Acq: 04 Nov 2024 23:03

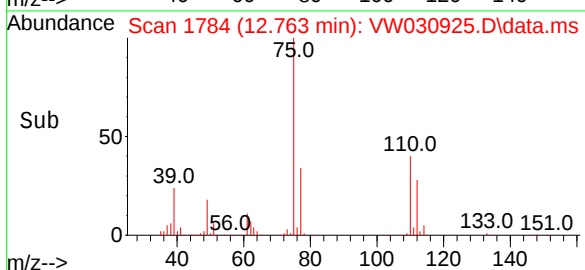
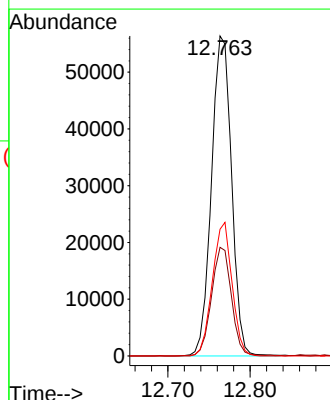
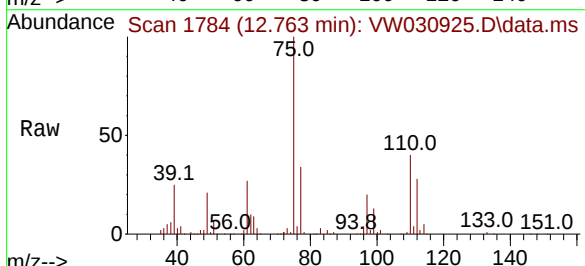
Tgt Ion: 75 Resp: 95734

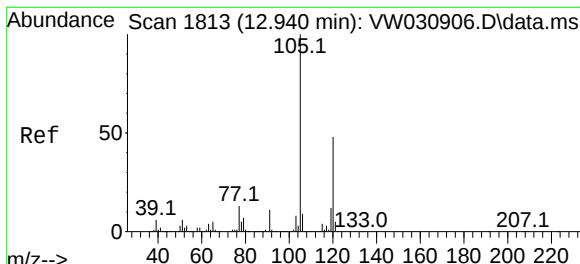
Ion Ratio Lower Upper

75 100

77 33.7 26.2 39.2

110 40.8 31.8 47.8



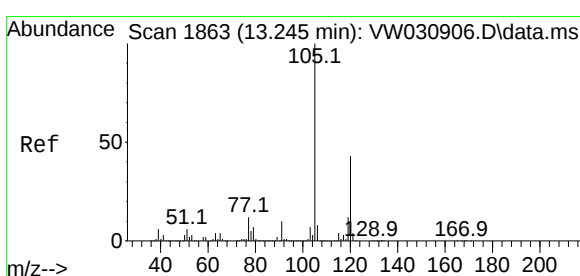
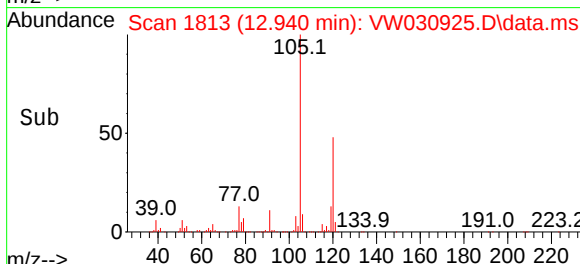
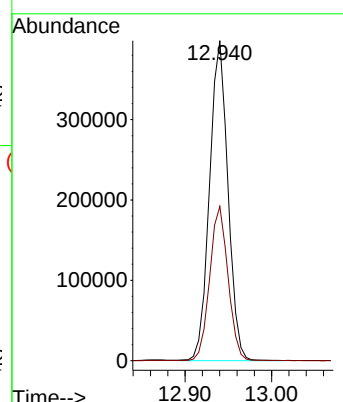
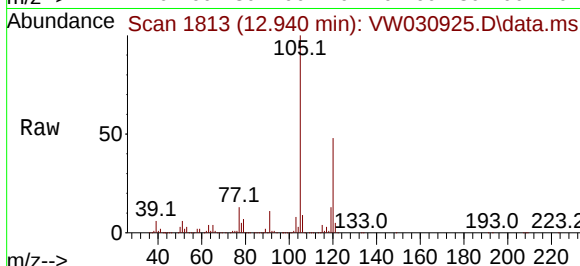


#62
 1,3,5-Trimethylbenzene
 Concen: 24.414 ug/L
 RT: 12.940 min Scan# 1813
 Delta R.T. 0.000 min
 Lab File: VW030925.D
 Acq: 04 Nov 2024 23:03

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:105 Resp: 586402

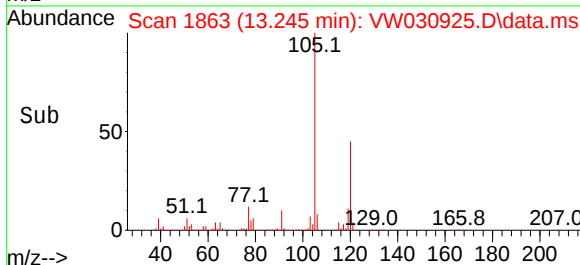
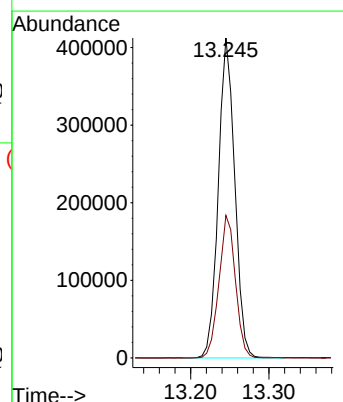
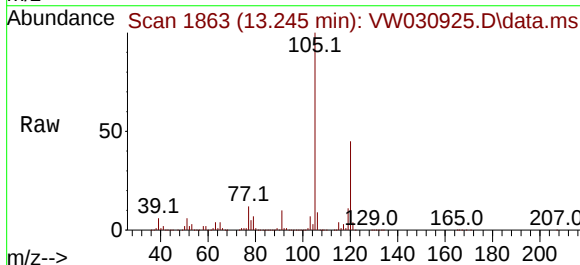
Ion	Ratio	Lower	Upper
105	100		
120	48.1	38.7	58.1

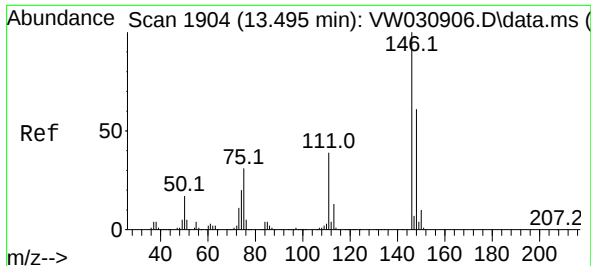


#63
 1,2,4-Trimethylbenzene
 Concen: 25.680 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VW030925.D
 Acq: 04 Nov 2024 23:03

Tgt Ion:105 Resp: 600693

Ion	Ratio	Lower	Upper
105	100		
120	44.5	35.9	53.9

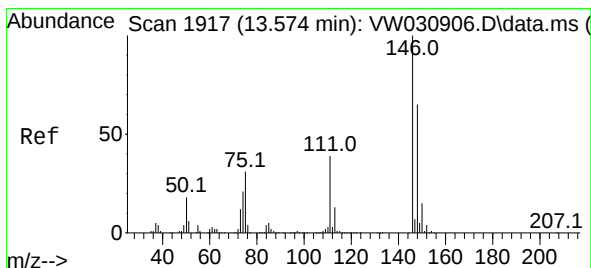
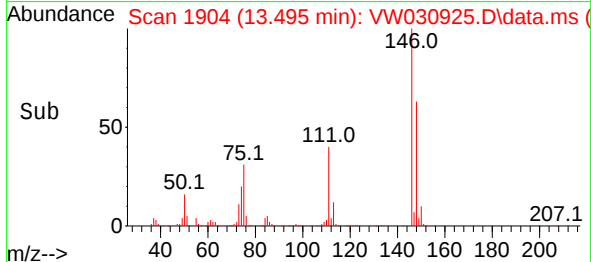
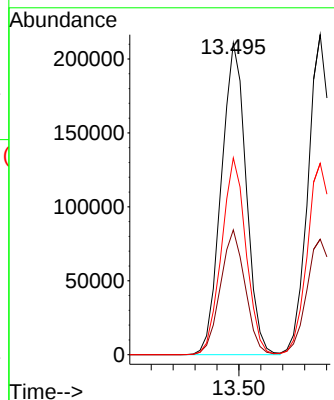
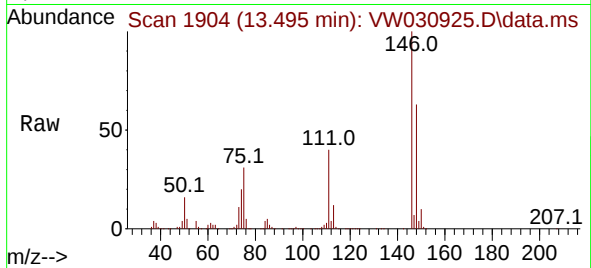




#64
1,3-Dichlorobenzene
Concen: 24.774 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW030925.D
Acq: 04 Nov 2024 23:03

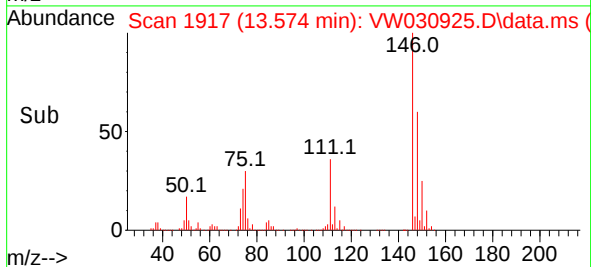
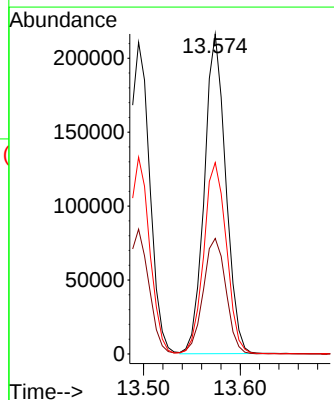
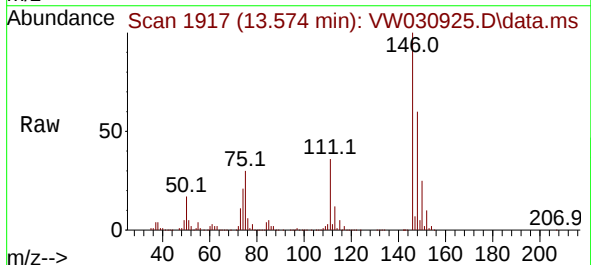
Instrument :
MSVOA_W
ClientSampleId :

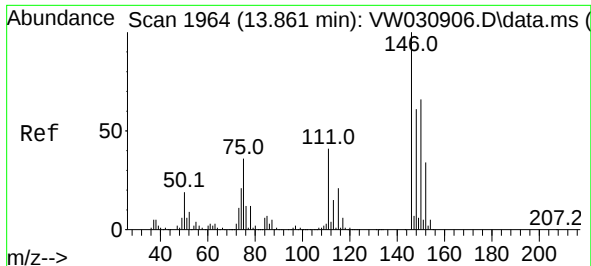
Tgt Ion:146 Resp: 331846
Ion Ratio Lower Upper
146 100
111 40.1 26.8 49.8
148 63.1 41.8 77.6



#65
1,4-Dichlorobenzene
Concen: 24.188 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW030925.D
Acq: 04 Nov 2024 23:03

Tgt Ion:146 Resp: 332629
Ion Ratio Lower Upper
146 100
111 36.1 27.6 51.4
148 59.8 41.6 77.2

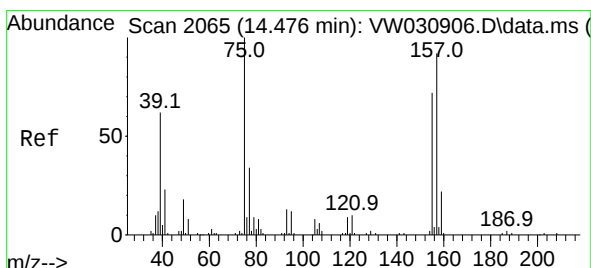
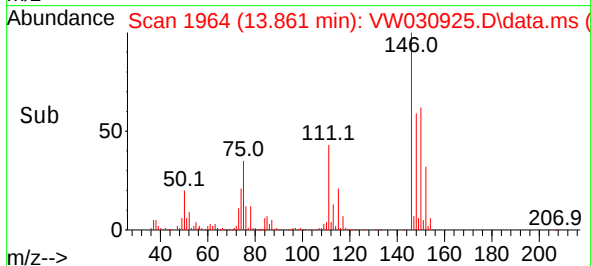
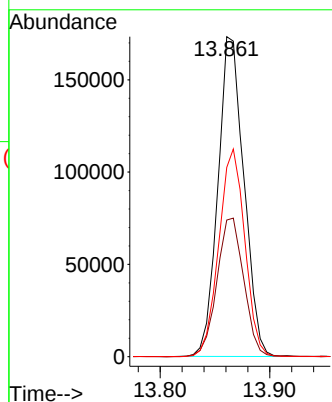
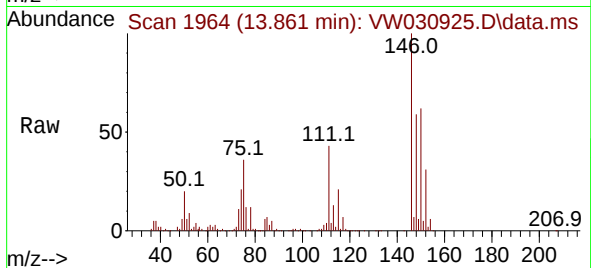




#67
1,2-Dichlorobenzene
Concen: 23.911 ug/L
RT: 13.861 min Scan# 1964
Delta R.T. 0.000 min
Lab File: VW030925.D
Acq: 04 Nov 2024 23:03

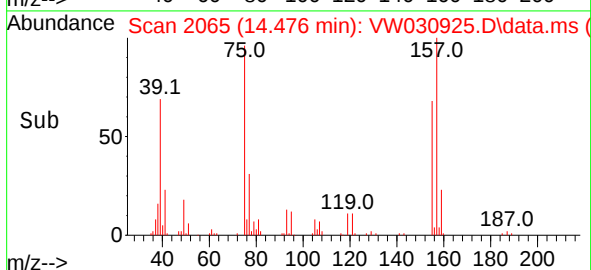
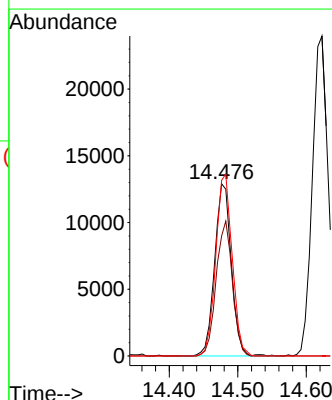
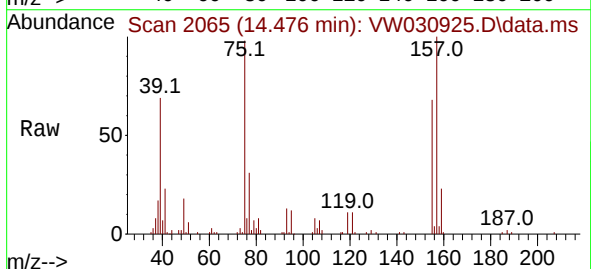
Instrument :
MSVOA_W
ClientSampleId :

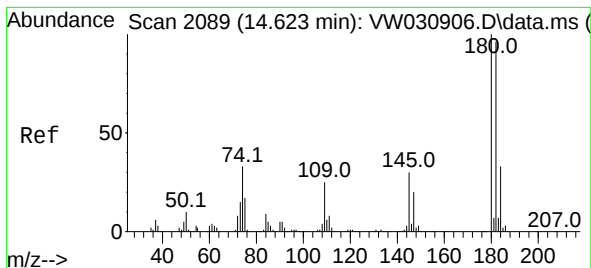
Tgt Ion:146 Resp: 285453
Ion Ratio Lower Upper
146 100
111 42.7 34.3 51.5
148 59.1 48.0 72.0



#68
1,2-Dibromo-3-chloropropane
Concen: 27.459 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW030925.D
Acq: 04 Nov 2024 23:03

Tgt Ion: 75 Resp: 21797
Ion Ratio Lower Upper
75 100
155 69.8 56.2 84.2
157 102.0 74.9 112.3





#69

1,3,5-Trichlorobenzene

Concen: 23.663 ug/L

RT: 14.623 min Scan# 210332

Delta R.T. 0.000 min

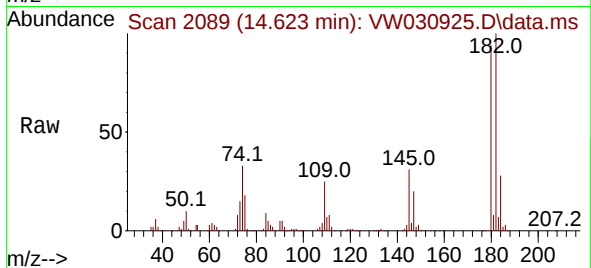
Lab File: VW030925.D

Acq: 04 Nov 2024 23:03

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 210332

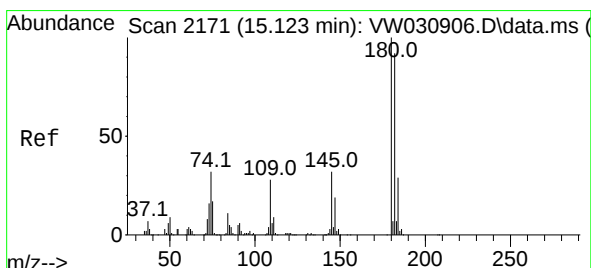
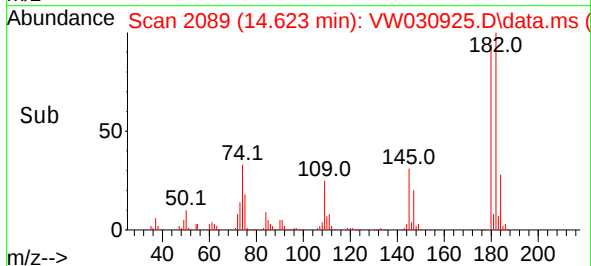
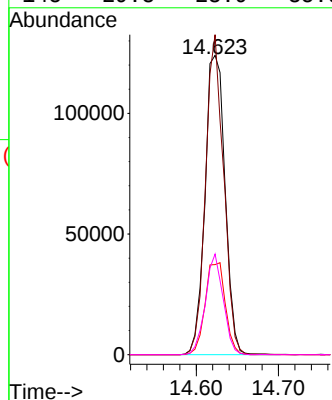
Ion Ratio Lower Upper

180 100

182 95.9 76.6 114.8

184 31.1 23.9 35.9

145 29.8 23.9 35.9



#70

1,2,4-trichlorobenzene

Concen: 25.445 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW030925.D

Acq: 04 Nov 2024 23:03

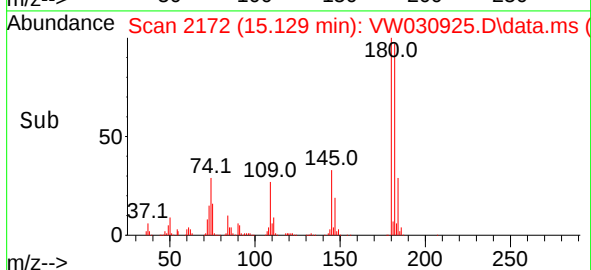
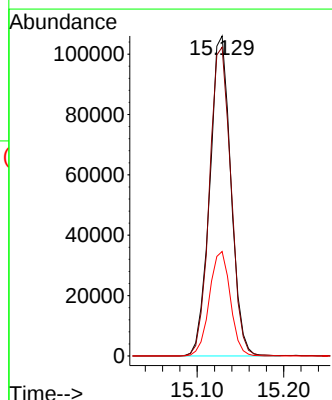
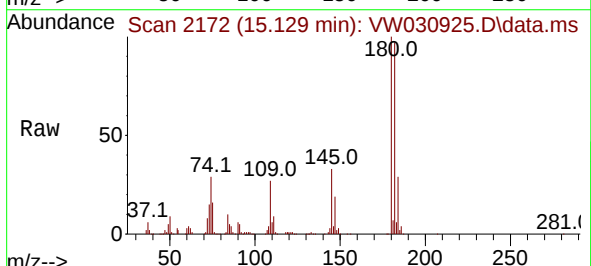
Tgt Ion:180 Resp: 179591

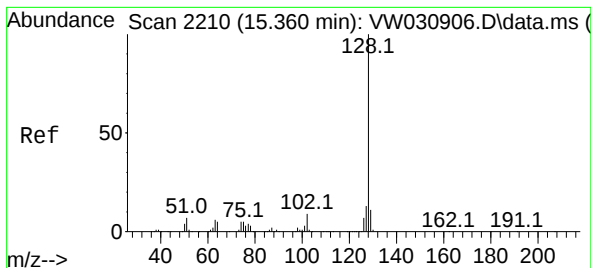
Ion Ratio Lower Upper

180 100

182 97.7 74.5 111.7

145 32.4 24.2 36.2





#71

Naphthalene

Concen: 31.019 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW030925.D

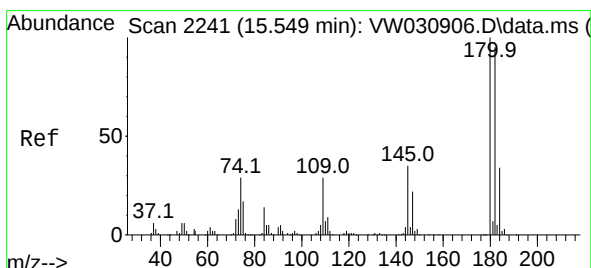
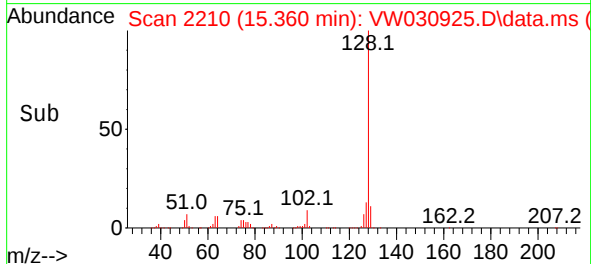
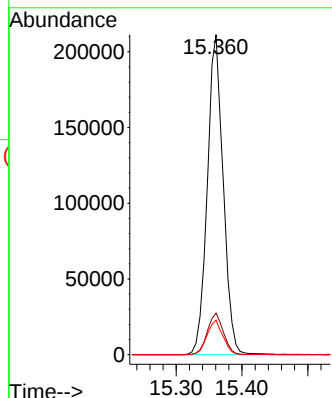
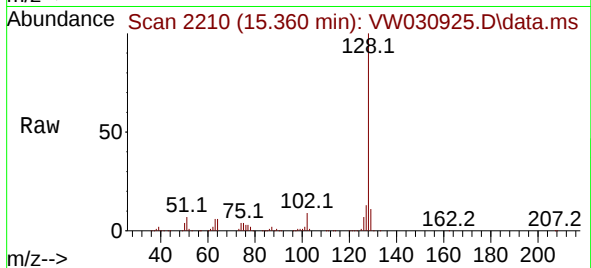
Acq: 04 Nov 2024 23:03

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	128	Resp:	354916
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: 26.973 ug/L

RT: 15.543 min Scan# 2240

Delta R.T. -0.006 min

Lab File: VW030925.D

Acq: 04 Nov 2024 23:03

Tgt Ion:	180	Resp:	164070
Ion Ratio	Lower	Upper	
180	100		
182	98.0	79.2	118.8
145	33.5	27.0	40.6

