

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110424\
 Data File : VW030920.D
 Acq On : 04 Nov 2024 21:02
 Operator : SY/MD
 Sample : P4604-02MS
 Misc : 5.51g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 05 00:44:33 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	625898	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	565526	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	268470	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	191032	18.609	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.440%
7) Chloroethane-d5	2.893	69	150558	19.123	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.480%
11) 1,1-Dichloroethene-d2	4.021	65	77349	18.261	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.040%
21) 2-Butanone-d5	7.081	46	71606	42.388	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.780%
24) Chloroform-d	7.648	84	387914	21.023	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.080%
26) 1,2-Dichloroethane-d4	8.307	65	188755	20.575	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.280%
32) Benzene-d6	8.276	84	753708	21.453	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.800%
36) 1,2-Dichloropropane-d6	9.270	67	221386	21.375	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.520%
41) Toluene-d8	10.319	98	663685	21.060	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.240%
43) trans-1,3-Dichloroprop...	10.575	79	90322	21.515	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.040%
47) 2-Hexanone-d5	10.922	63	59197	44.102	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.200%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	153253	21.239	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.960%
66) 1,2-Dichlorobenzene-d4	13.848	152	207044	21.172	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.680%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.015	85	84345	12.651	ug/L	100
3) Chloromethane	2.222	50	132453	14.744	ug/L	97
5) Vinyl chloride	2.375	62	137929	12.955	ug/L	97
6) Bromomethane	2.783	94	100548	14.383	ug/L	93
8) Chloroethane	2.936	64	91825	14.227	ug/L	95
9) Trichlorofluoromethane	3.259	101	117492	12.092	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	120018	13.418	ug/L	95
12) 1,1-Dichloroethene	4.051	96	110511	13.660	ug/L	91
13) Acetone	4.125	43	44949	21.786	ug/L	100
14) Carbon disulfide	4.393	76	361123	13.579	ug/L	99
15) Methyl Acetate	4.673	43	47851	15.811	ug/L	98
16) Methylene chloride	4.923	84	136293	15.403	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	132954	14.980	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	200540	16.741	ug/L	99
19) 1,1-Dichloroethane	6.216	63	257273	15.534	ug/L	100
20) cis-1,2-Dichloroethene	7.167	96	149354	15.863	ug/L	99
22) 2-Butanone	7.173	43	64291	27.825	ug/L	98
23) Bromochloromethane	7.514	128	67241	16.307	ug/L	98
25) Chloroform	7.673	83	272661	15.647	ug/L	94

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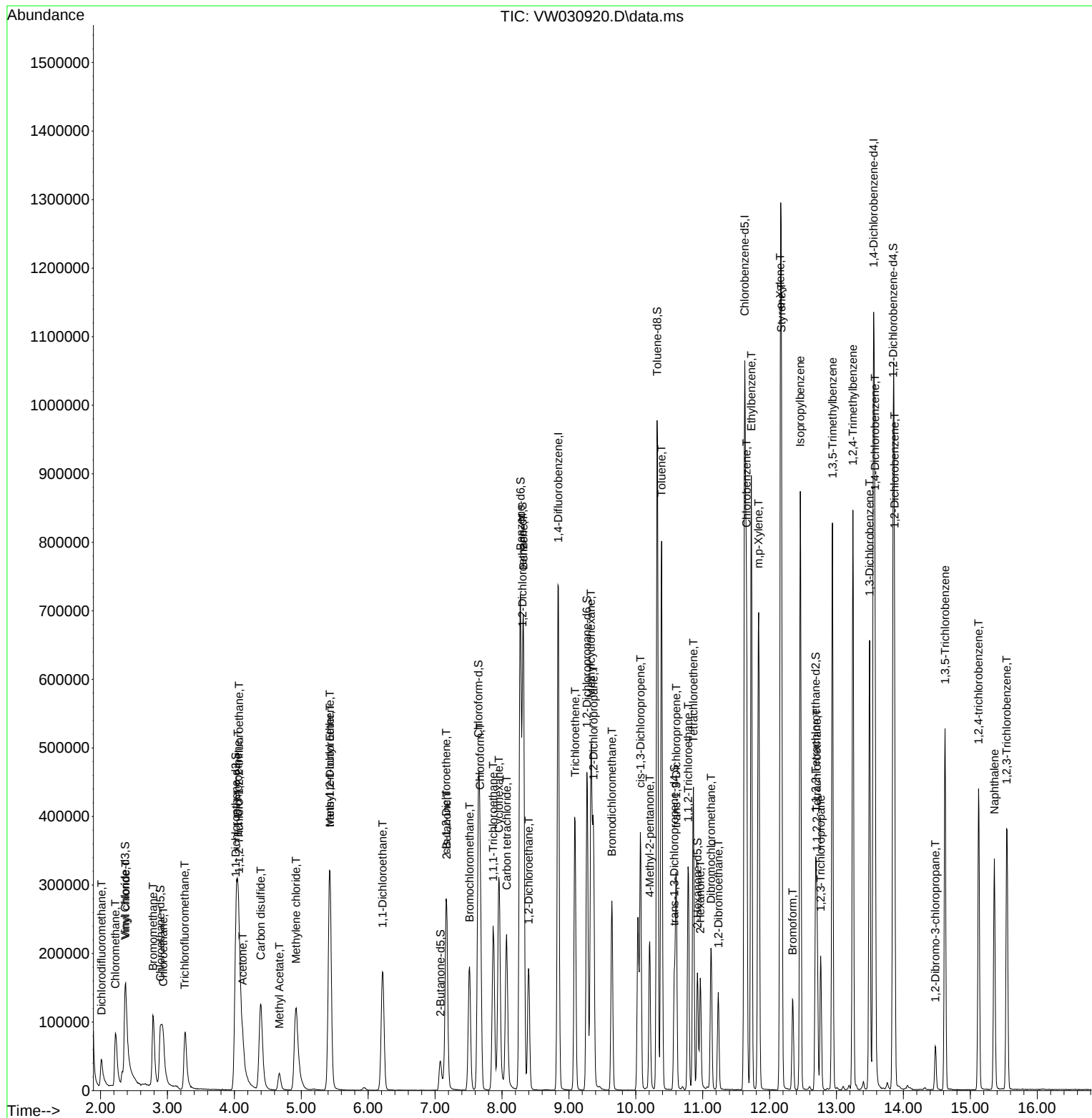
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	166233	15.317	ug/L	97
29) Cyclohexane	7.953	56	183006	13.504	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	197057	13.565	ug/L	99
31) Carbon tetrachloride	8.069	117	175144	13.417	ug/L	98
33) Benzene	8.319	78	579626	15.902	ug/L	100
34) Trichloroethene	9.093	95	142753	14.202	ug/L	96
35) Methylcyclohexane	9.331	83	208023	13.058	ug/L	99
37) 1,2-Dichloropropane	9.367	63	147338	16.174	ug/L	99
38) Bromodichloromethane	9.642	83	189161	15.812	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	224479	16.472	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	141590	33.986	ug/L	100
42) Toluene	10.386	91	594241	15.395	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	180203	15.917	ug/L	96
45) 1,1,2-Trichloroethane	10.782	97	103749	15.867	ug/L	98
46) Tetrachloroethene	10.861	164	95982	12.491	ug/L	90
48) 2-Hexanone	10.965	43	100594	31.738	ug/L	98
49) Dibromochloromethane	11.123	129	110825	15.545	ug/L	99
50) 1,2-Dibromoethane	11.233	107	94428	15.660	ug/L	96
51) Chlorobenzene	11.654	112	375017	15.181	ug/L	98
52) Ethylbenzene	11.727	91	608367	13.949	ug/L	99
53) m,p-Xylene	11.837	106	231005	14.083	ug/L	97
54) o-Xylene	12.160	106	230387	15.264	ug/L	93
55) Styrene	12.178	104	396026	15.357	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	115165	16.139	ug/L	99
59) Bromoform	12.343	173	63603	16.591	ug/L	98
60) Isopropylbenzene	12.458	105	554313	13.536	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	81997	16.291	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	435475	13.506	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	447442	14.250	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	269705	14.999	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	269888	14.620	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	243076	15.167	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	17525	16.446	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	156129	13.084	ug/L	97
70) 1,2,4-trichlorobenzene	15.123	180	140530	14.832	ug/L	100
71) Naphthalene	15.360	128	279647	18.207	ug/L	100
72) 1,2,3-Trichlorobenzene	15.543	180	134812	16.510	ug/L	96

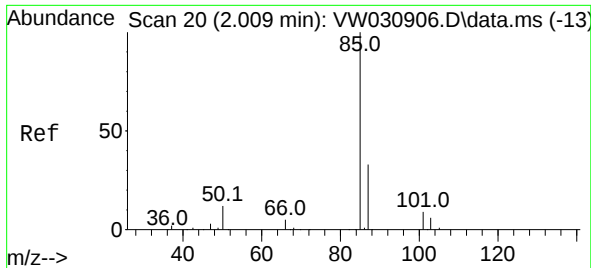
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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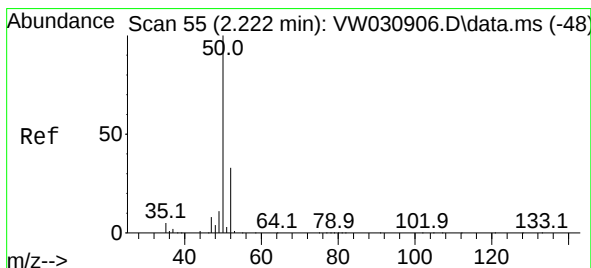
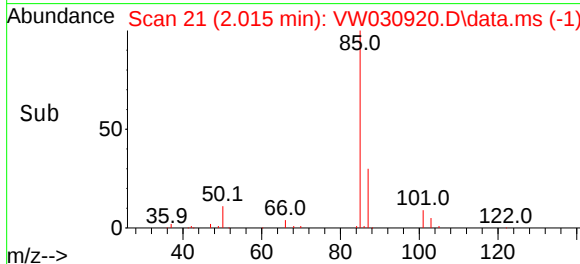
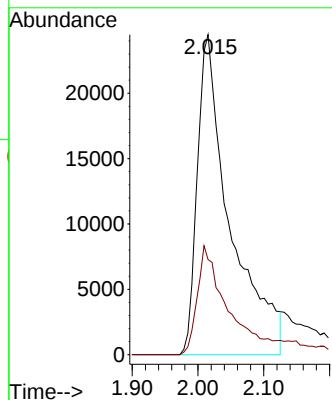
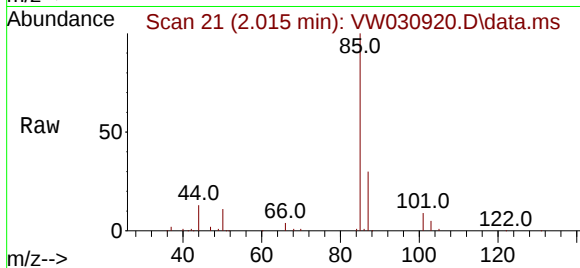




#2
 Dichlorodifluoromethane
 Concen: 12.651 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW030920.D
 Acq: 04 Nov 2024 21:02

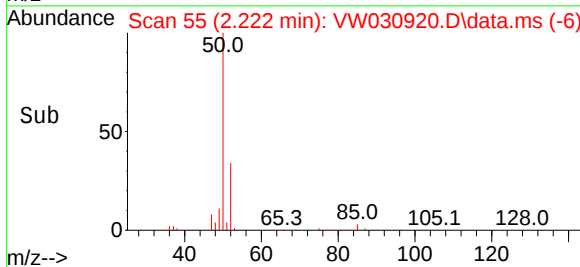
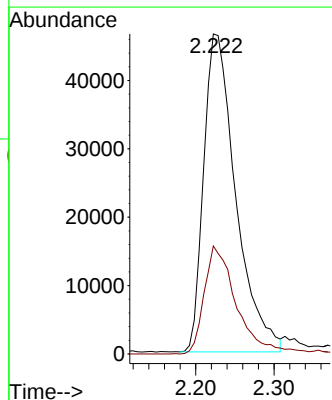
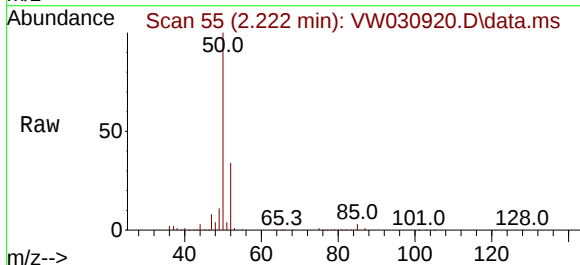
Instrument :
 MSVOA_W
 ClientSampleId :

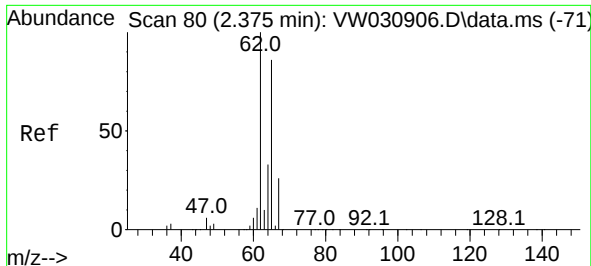
Tgt Ion: 85 Resp: 84345
 Ion Ratio Lower Upper
 85 100
 87 30.4 24.2 36.4



#3
 Chloromethane
 Concen: 14.744 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW030920.D
 Acq: 04 Nov 2024 21:02

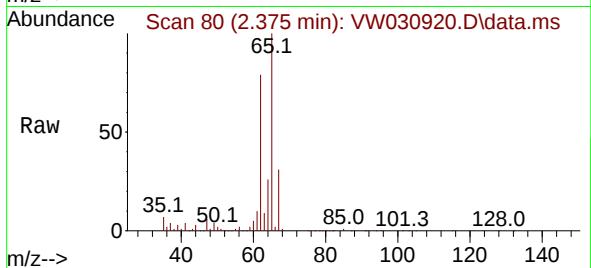
Tgt Ion: 50 Resp: 132453
 Ion Ratio Lower Upper
 50 100
 52 33.7 22.5 41.9



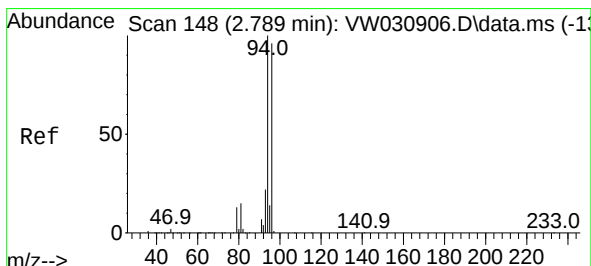
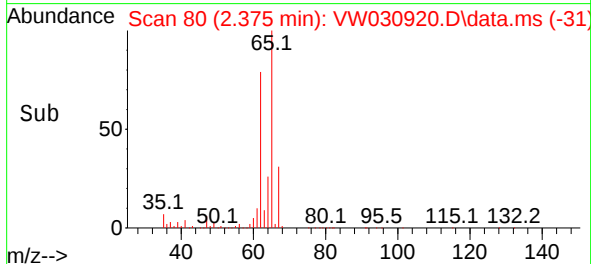
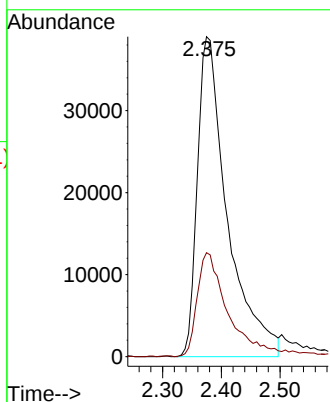


#5
 Vinyl chloride
 Concen: 12.955 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW030920.D
 Acq: 04 Nov 2024 21:02

Instrument :
 MSVOA_W
 ClientSampleId :

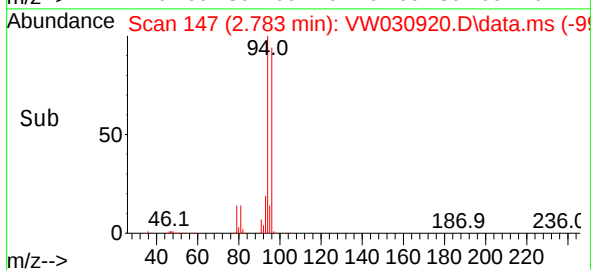
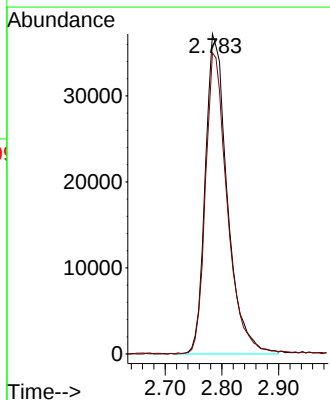
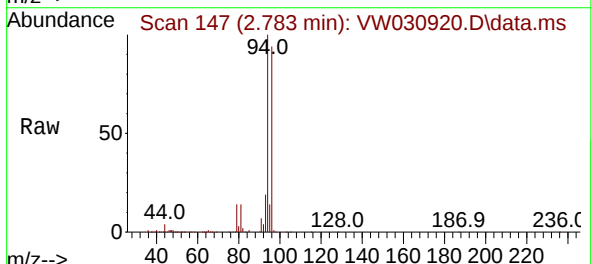


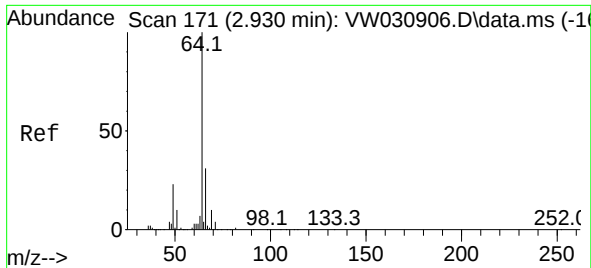
Tgt Ion: 62 Resp: 137929
 Ion Ratio Lower Upper
 62 100
 64 32.5 21.7 40.3



#6
 Bromomethane
 Concen: 14.383 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VW030920.D
 Acq: 04 Nov 2024 21:02

Tgt Ion: 94 Resp: 100548
 Ion Ratio Lower Upper
 94 100
 96 94.1 61.6 114.4

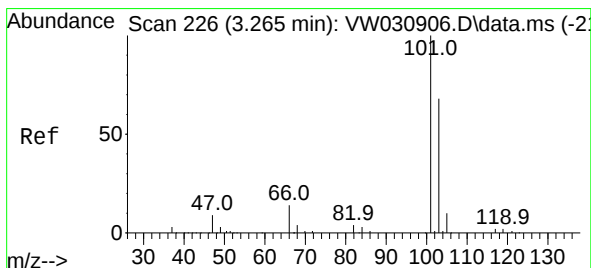
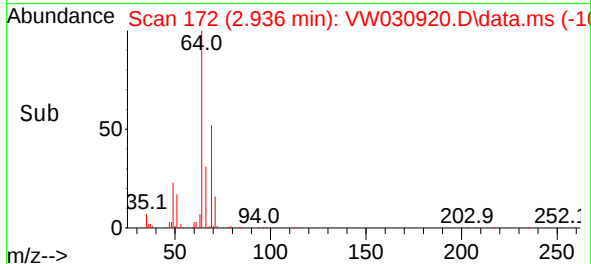
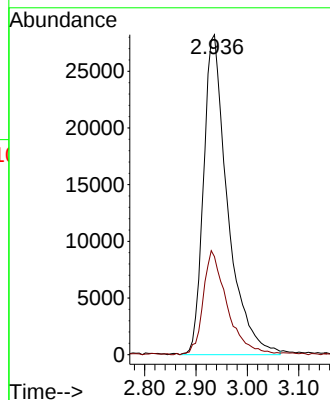
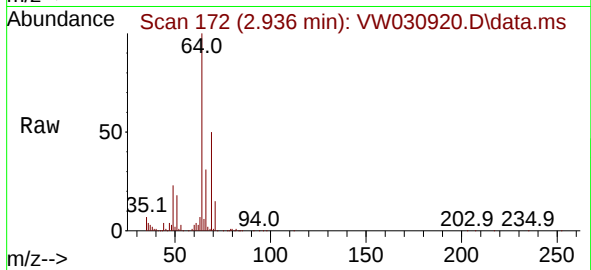




#8
Chloroethane
Concen: 14.227 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW030920.D
Acq: 04 Nov 2024 21:02

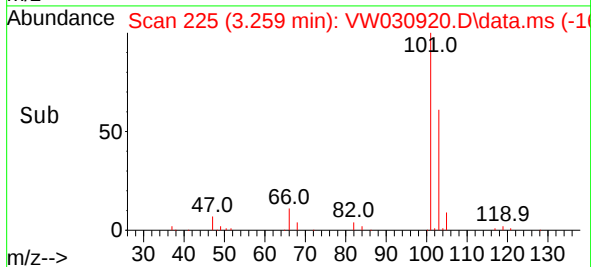
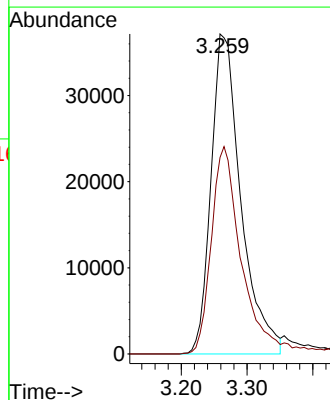
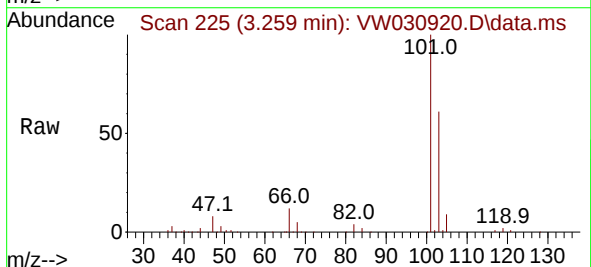
Instrument :
MSVOA_W
ClientSampleId :

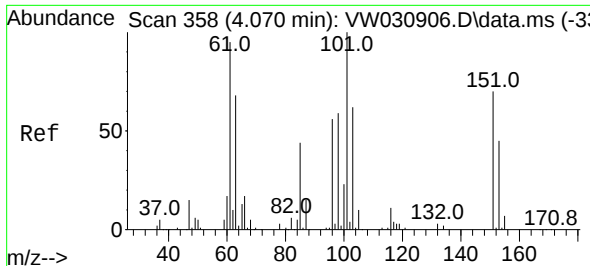
Tgt Ion: 64 Resp: 91825
Ion Ratio Lower Upper
64 100
66 30.7 23.5 43.7



#9
Trichlorofluoromethane
Concen: 12.092 ug/L
RT: 3.259 min Scan# 225
Delta R.T. -0.006 min
Lab File: VW030920.D
Acq: 04 Nov 2024 21:02

Tgt Ion:101 Resp: 117492
Ion Ratio Lower Upper
101 100
103 63.6 51.8 77.6





#10

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

Concen: 13.418 ug/L

RT: 4.070 min Scan# 358

Delta R.T. 0.000 min

Lab File: VW030920.D

Acq: 04 Nov 2024 21:02

Instrument :

MSVOA_W

ClientSampleId :

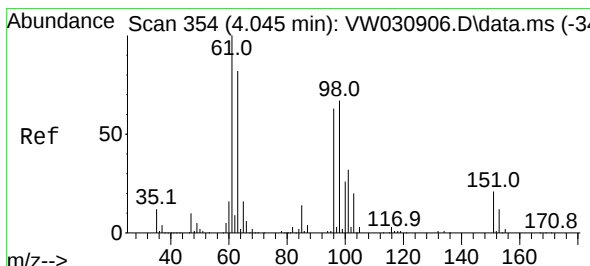
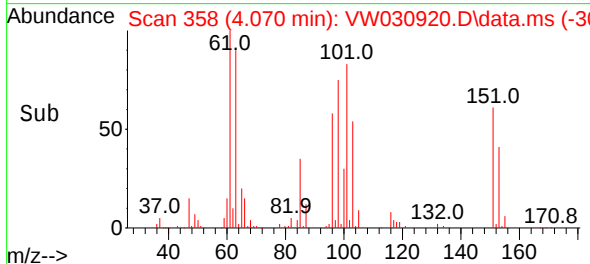
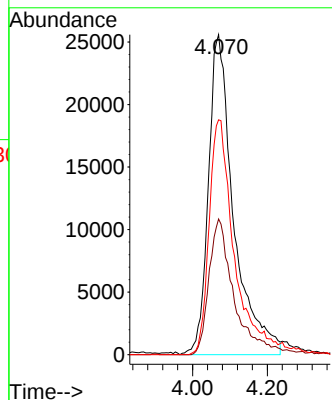
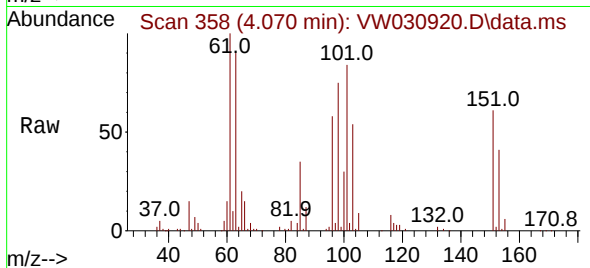
Tgt Ion:101 Resp: 120018

Ion Ratio Lower Upper

101 100

85 41.0 32.9 49.3

151 69.8 51.0 76.6



#12

1,1-Dichloroethene

Concen: 13.660 ug/L

RT: 4.051 min Scan# 355

Delta R.T. 0.006 min

Lab File: VW030920.D

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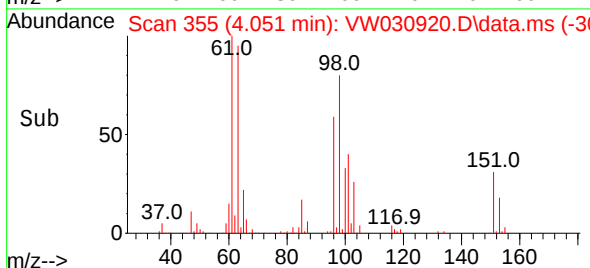
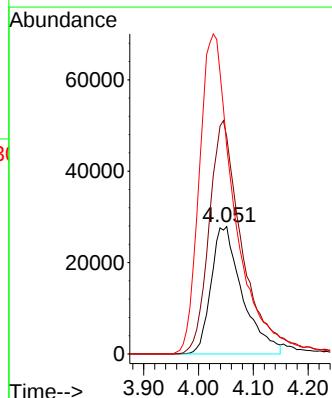
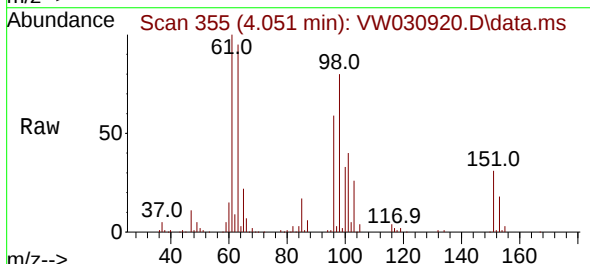
Tgt Ion: 96 Resp: 110511

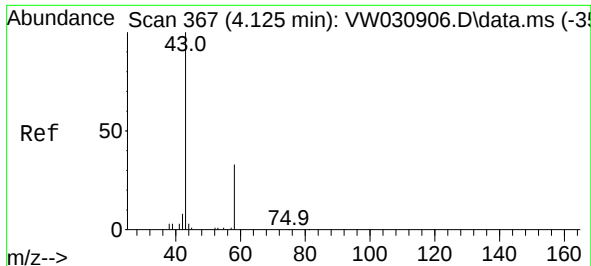
Ion Ratio Lower Upper

96 100

61 170.4 118.9 220.7

63 162.4 97.8 181.6

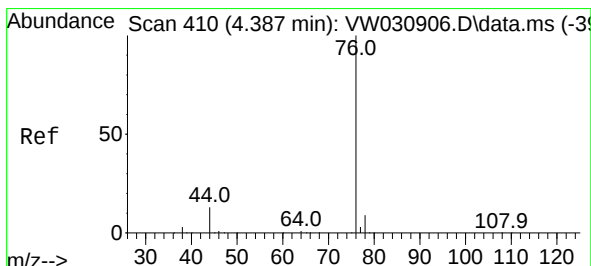
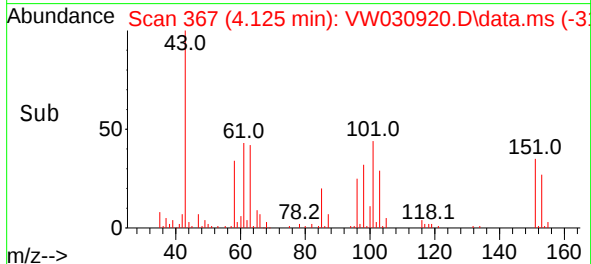
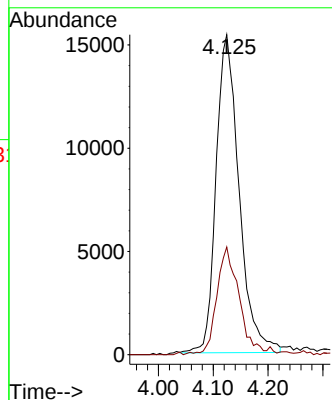
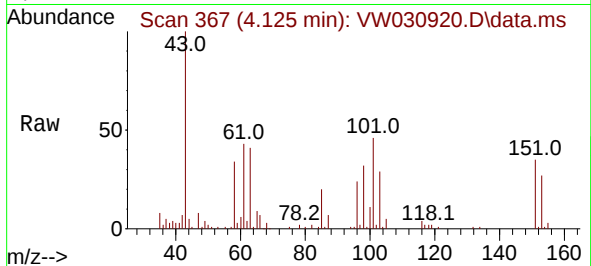




#13
Acetone
Concen: 21.786 ug/L
RT: 4.125 min Scan# 367
Delta R.T. 0.000 min
Lab File: VW030920.D
Acq: 04 Nov 2024 21:02

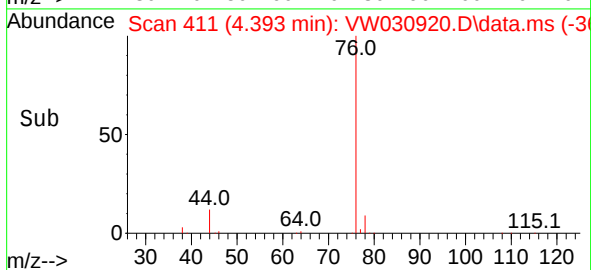
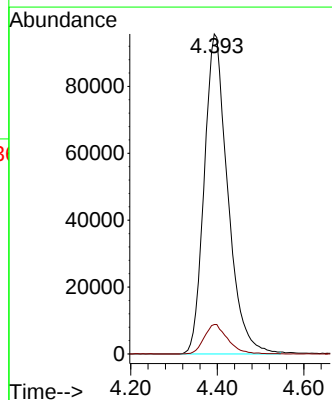
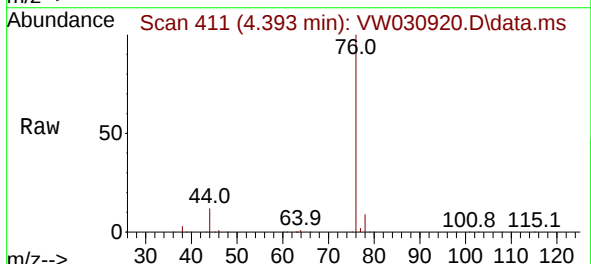
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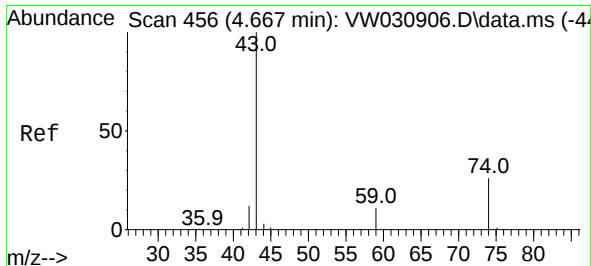
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Ion Ratio Lower Upper
43 100
58 31.4 0.0 62.6



#14
Carbon disulfide
Concen: 13.579 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
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Acq: 04 Nov 2024 21:02

Tgt Ion: 76 Resp: 361123
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7

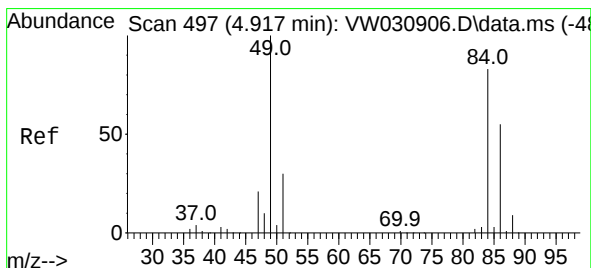
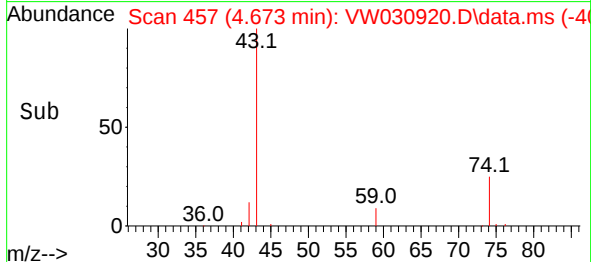
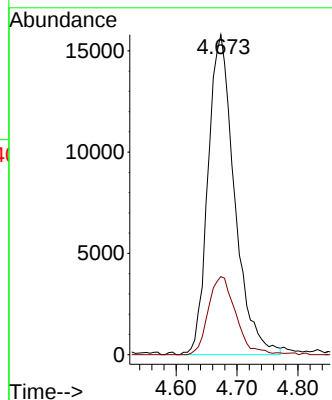
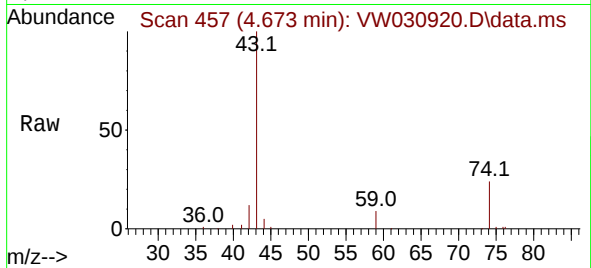




#15
Methyl Acetate
Concen: 15.811 ug/L
RT: 4.673 min Scan# 418
Delta R.T. 0.006 min
Lab File: VW030920.D
Acq: 04 Nov 2024 21:02

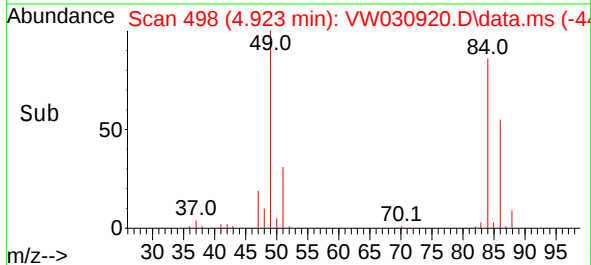
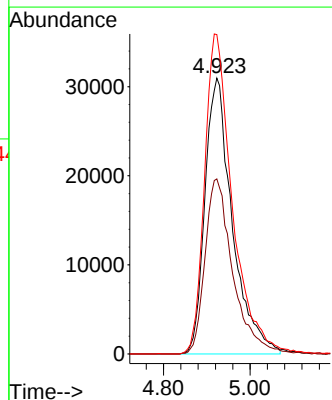
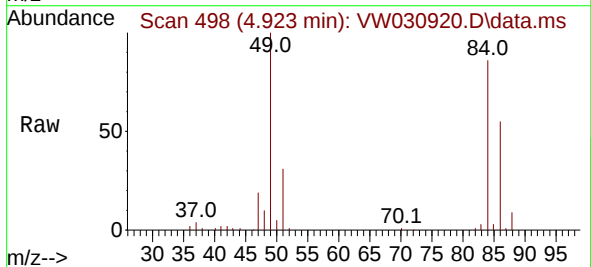
Instrument :
MSVOA_W
ClientSampleId :

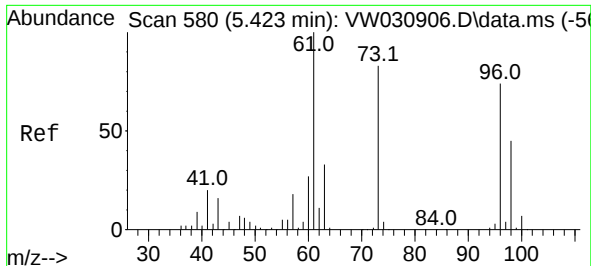
Tgt Ion: 43 Resp: 47851
Ion Ratio Lower Upper
43 100
74 24.1 20.2 30.2



#16
Methylene chloride
Concen: 15.403 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW030920.D
Acq: 04 Nov 2024 21:02

Tgt Ion: 84 Resp: 136293
Ion Ratio Lower Upper
84 100
86 63.5 41.8 77.6
49 115.8 82.8 153.8





#17

trans-1,2-Dichloroethene

Concen: 14.980 ug/L

RT: 5.429 min Scan# 580

Delta R.T. 0.006 min

Lab File: VW030920.D

Acq: 04 Nov 2024 21:02

Instrument :

MSVOA_W

ClientSampleId :

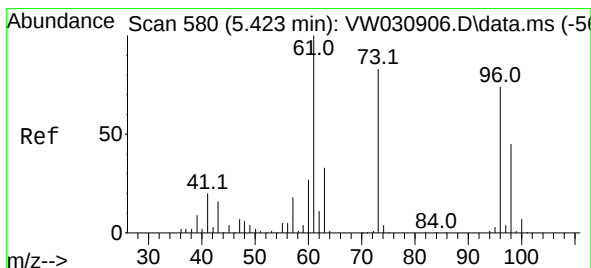
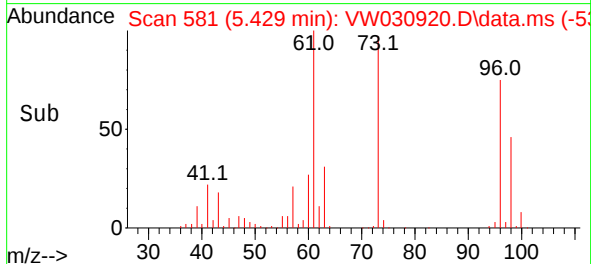
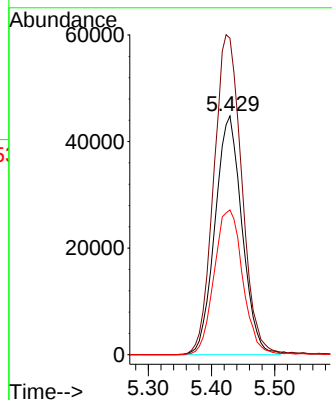
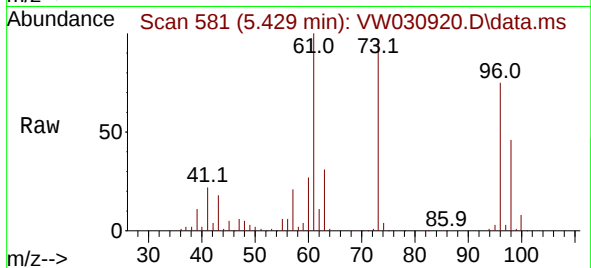
Tgt Ion: 96 Resp: 132954

Ion Ratio Lower Upper

96 100

61 132.6 95.2 176.8

98 60.6 42.6 79.2



#18

Methyl tert-butyl Ether

Concen: 16.741 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.006 min

Lab File: VW030920.D

Acq: 04 Nov 2024 21:02

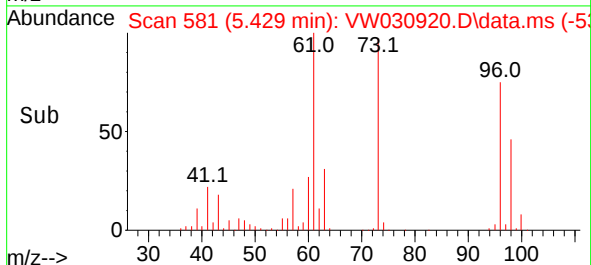
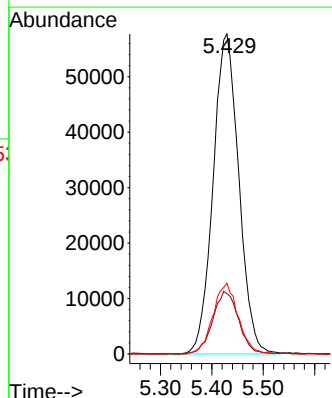
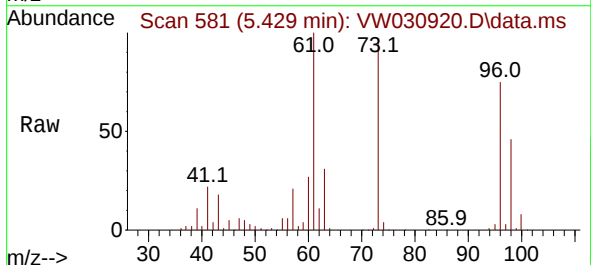
Tgt Ion: 73 Resp: 200540

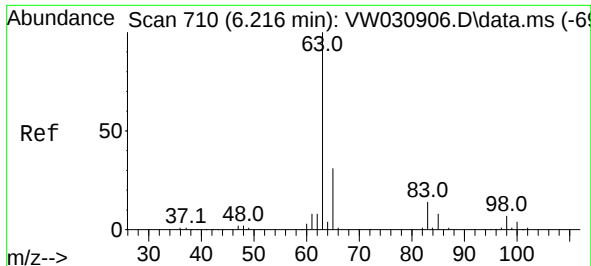
Ion Ratio Lower Upper

73 100

43 19.6 16.2 24.2

57 21.5 17.3 25.9





#19

1,1-Dichloroethane

Concen: 15.534 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW030920.D

Acq: 04 Nov 2024 21:02

Instrument :

MSVOA_W

ClientSampleId :

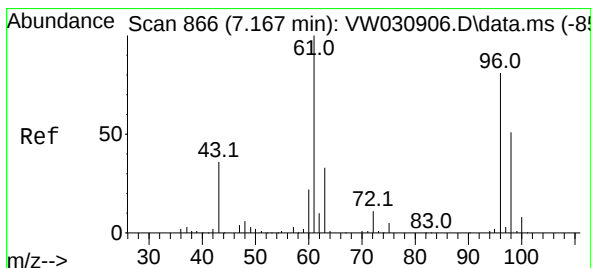
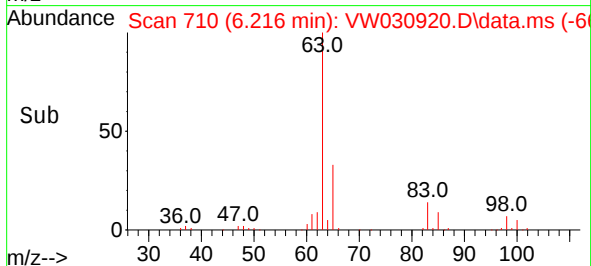
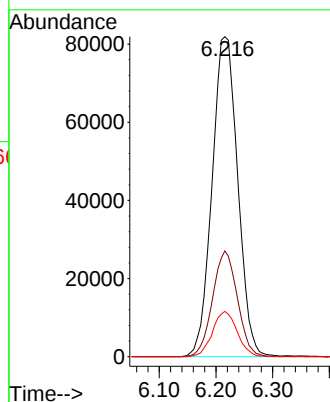
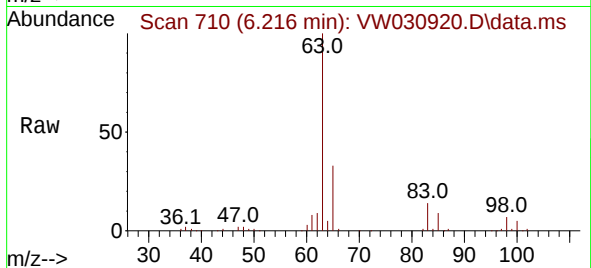
Tgt Ion: 63 Resp: 257273

Ion Ratio Lower Upper

63 100

65 33.0 23.0 42.8

83 14.2 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 15.863 ug/L

RT: 7.167 min Scan# 866

Delta R.T. 0.000 min

Lab File: VW030920.D

Acq: 04 Nov 2024 21:02

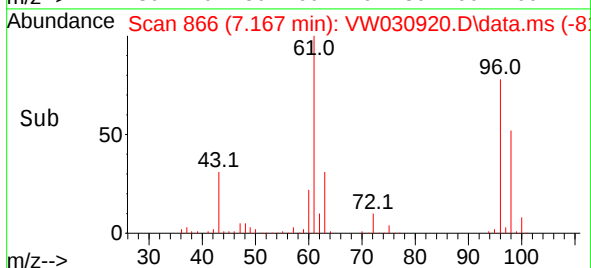
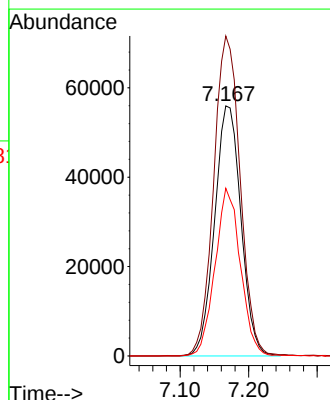
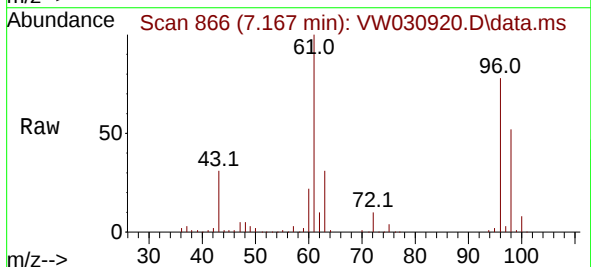
Tgt Ion: 96 Resp: 149354

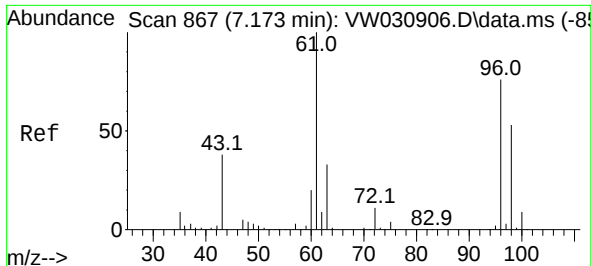
Ion Ratio Lower Upper

96 100

61 128.0 89.2 165.8

98 67.1 45.1 83.9





#22

2-Butanone

Concen: 27.825 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW030920.D

Acq: 04 Nov 2024 21:02

Instrument :

MSVOA_W

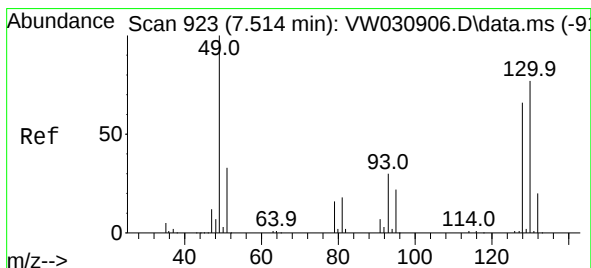
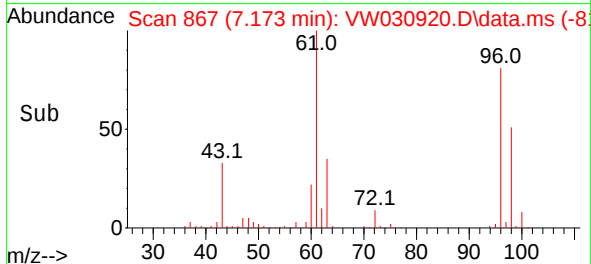
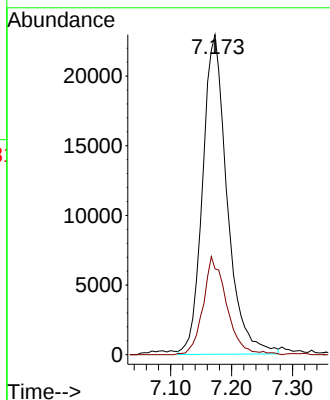
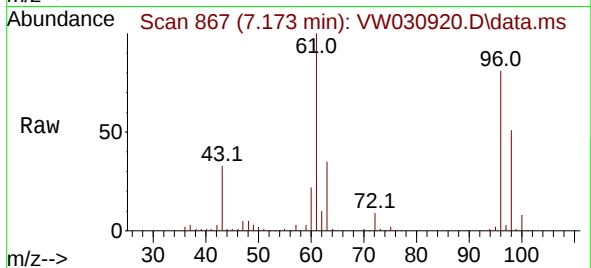
ClientSampleId :

Tgt Ion: 43 Resp: 64291

Ion Ratio Lower Upper

43 100

72 28.1 14.5 43.6



#23

Bromochloromethane

Concen: 16.307 ug/L

RT: 7.514 min Scan# 923

Delta R.T. 0.000 min

Lab File: VW030920.D

Acq: 04 Nov 2024 21:02

Tgt Ion: 128 Resp: 67241

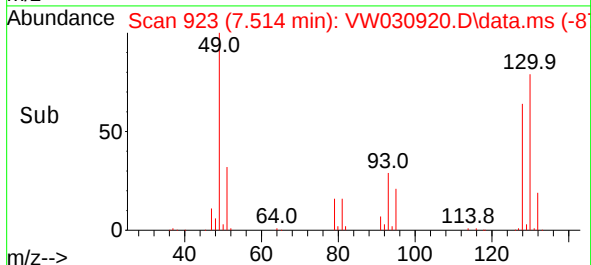
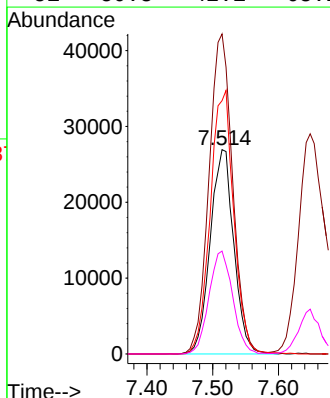
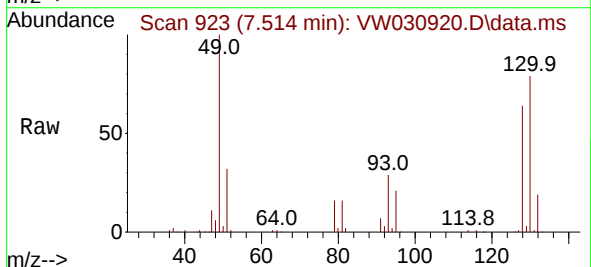
Ion Ratio Lower Upper

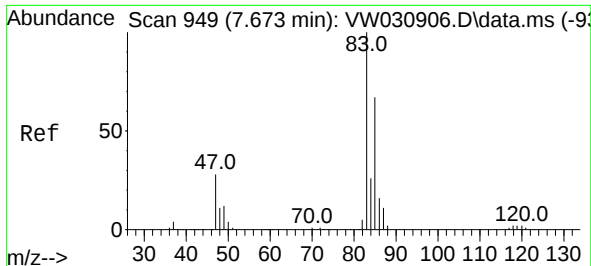
128 100

49 156.7 112.4 208.8

130 124.0 86.2 160.0

51 50.3 42.1 63.1





#25

Chloroform

Concen: 15.647 ug/L

RT: 7.673 min Scan# 949

Delta R.T. 0.000 min

Lab File: VW030920.D

Acq: 04 Nov 2024 21:02

Instrument :

MSVOA_W

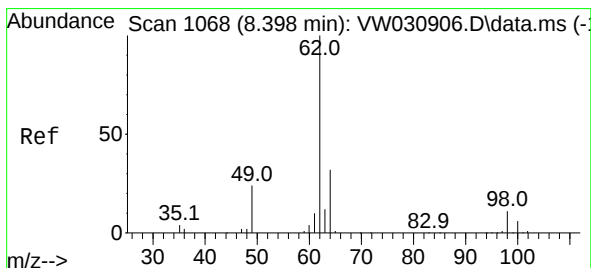
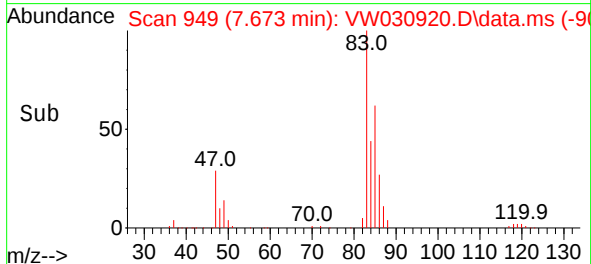
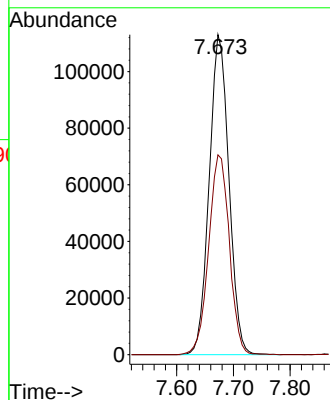
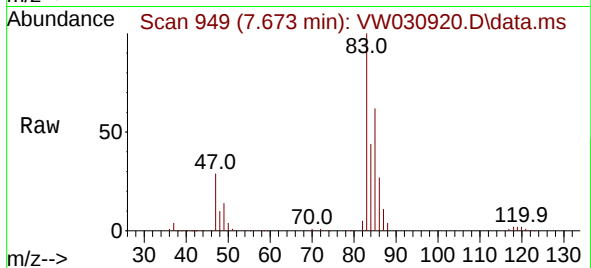
ClientSampleId :

Tgt Ion: 83 Resp: 272661

Ion Ratio Lower Upper

83 100

85 62.4 47.2 87.6



#27

1,2-Dichloroethane

Concen: 15.317 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW030920.D

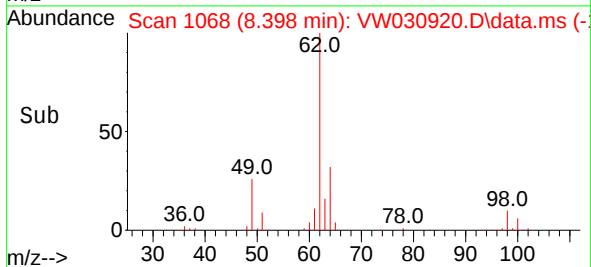
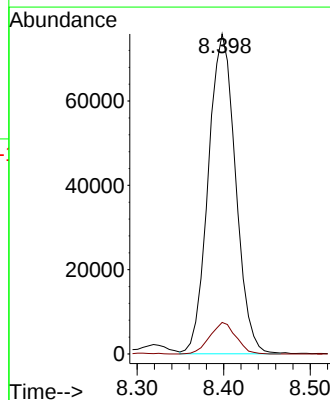
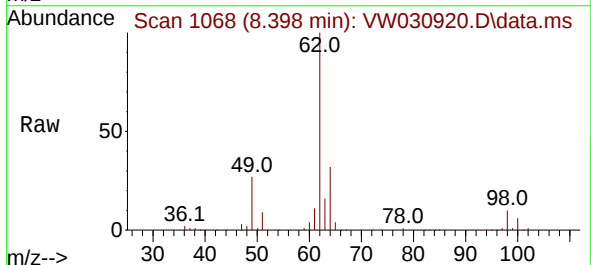
Acq: 04 Nov 2024 21:02

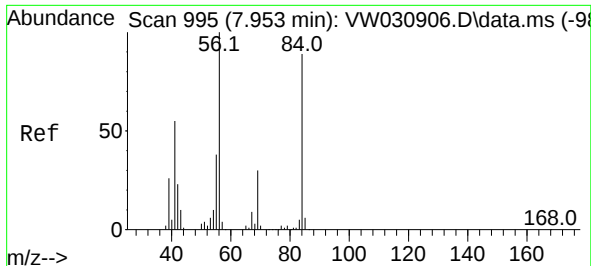
Tgt Ion: 62 Resp: 166233

Ion Ratio Lower Upper

62 100

98 9.9 7.1 10.7





#29

Cyclohexane

Concen: 13.504 ug/L

RT: 7.953 min Scan# 995

Delta R.T. 0.000 min

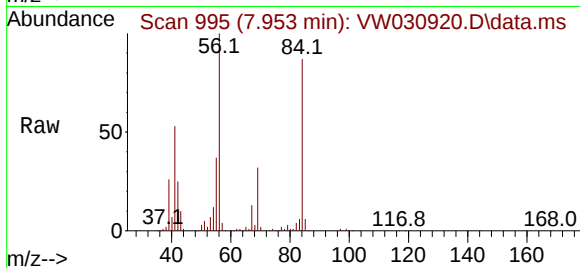
Lab File: VW030920.D

Acq: 04 Nov 2024 21:02

Instrument :

MSVOA_W

ClientSampleId :



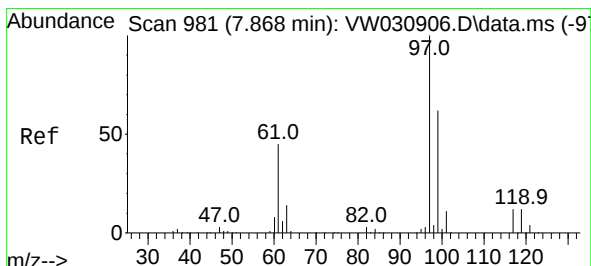
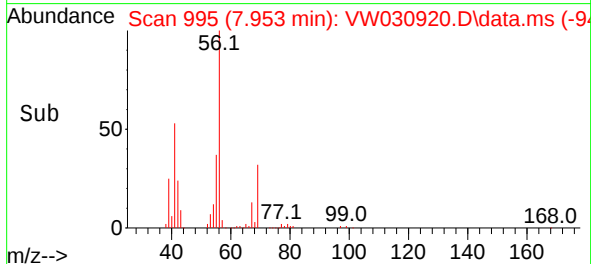
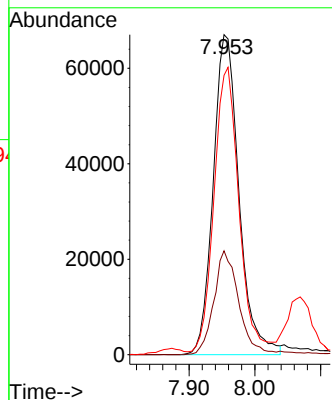
Tgt Ion: 56 Resp: 183006

Ion Ratio Lower Upper

56 100

69 31.2 24.8 37.2

84 86.0 69.5 104.3



#30

1,1,1-Trichloroethane

Concen: 13.565 ug/L

RT: 7.868 min Scan# 981

Delta R.T. 0.000 min

Lab File: VW030920.D

Acq: 04 Nov 2024 21:02

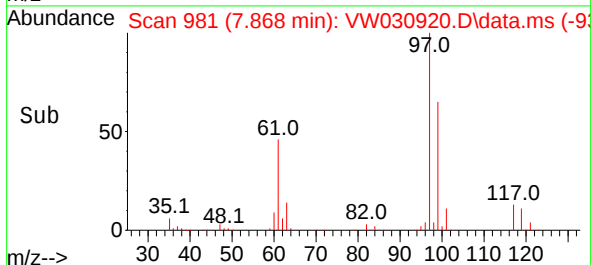
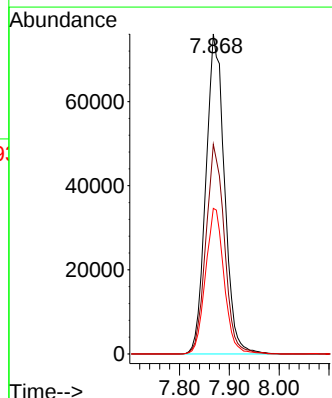
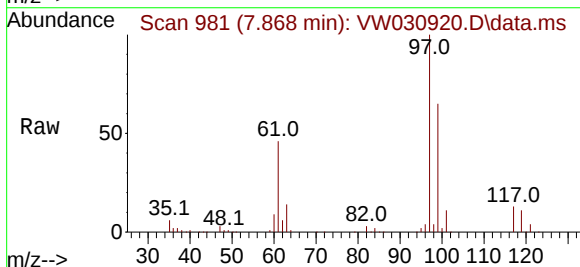
Tgt Ion: 97 Resp: 197057

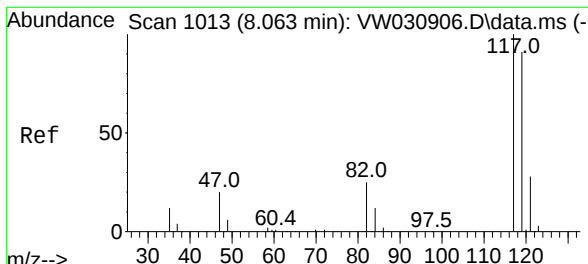
Ion Ratio Lower Upper

97 100

99 65.0 51.3 76.9

61 45.3 36.2 54.4

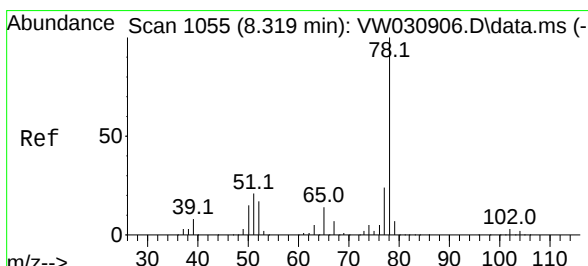
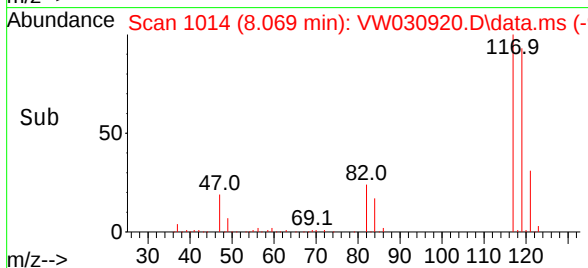
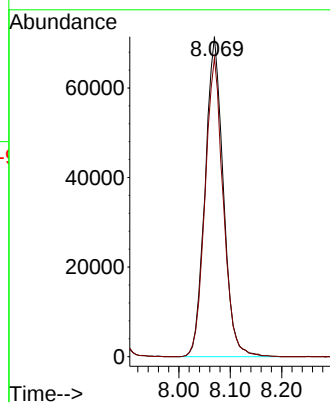
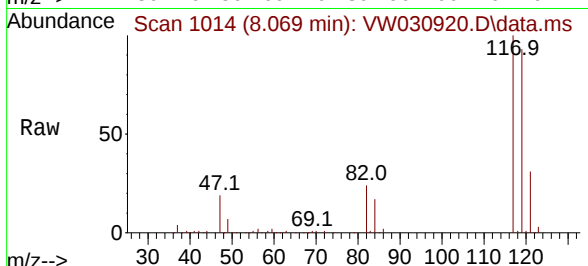




#31
Carbon tetrachloride
Concen: 13.417 ug/L
RT: 8.069 min Scan# 1013
Delta R.T. 0.006 min
Lab File: VW030920.D
Acq: 04 Nov 2024 21:02

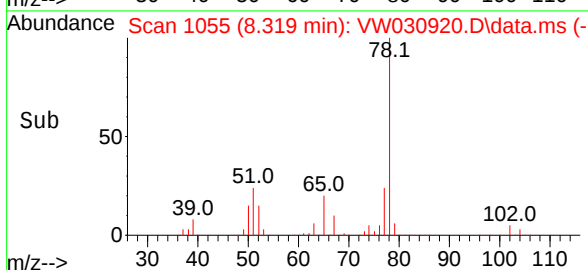
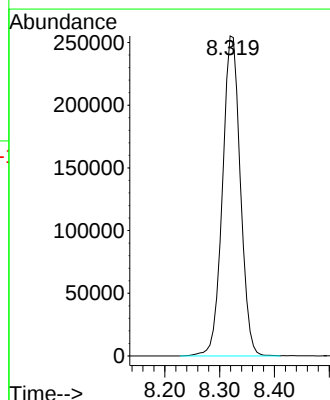
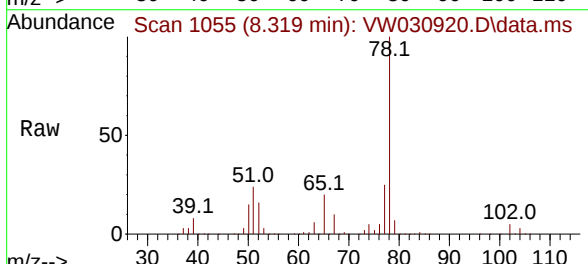
Instrument :
MSVOA_W
ClientSampleId :

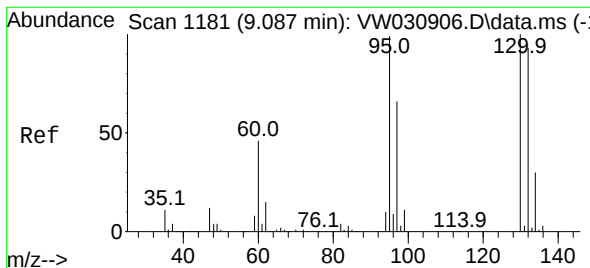
Tgt Ion:117 Resp: 175144
Ion Ratio Lower Upper
117 100
119 93.5 76.2 114.2



#33
Benzene
Concen: 15.902 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW030920.D
Acq: 04 Nov 2024 21:02

Tgt Ion: 78 Resp: 579626





#34

Trichloroethene

Concen: 14.202 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.006 min

Lab File: VW030920.D

Acq: 04 Nov 2024 21:02

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 142753

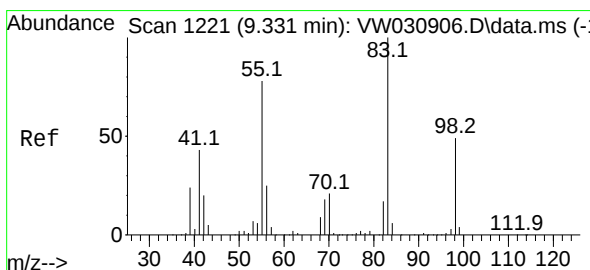
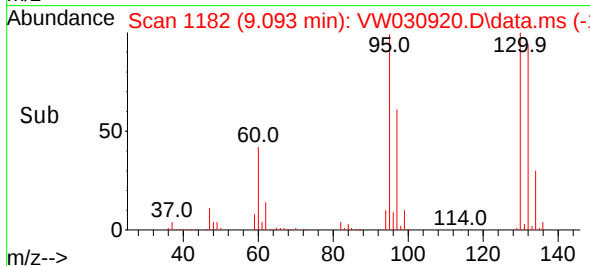
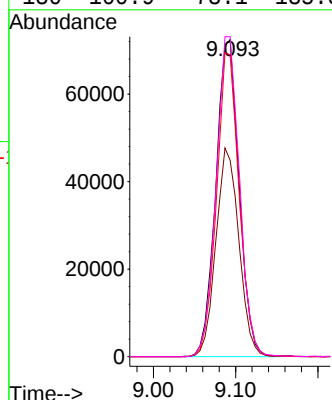
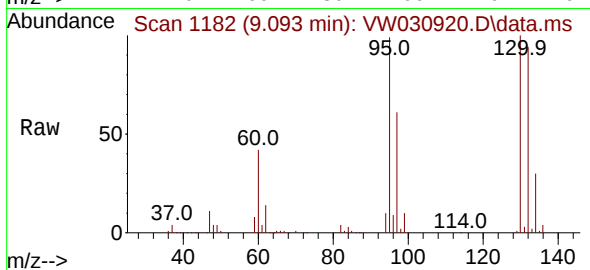
Ion Ratio Lower Upper

95 100

97 62.0 48.9 90.7

132 95.1 67.7 125.7

130 100.9 73.1 135.8



#35

Methylcyclohexane

Concen: 13.058 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. 0.000 min

Lab File: VW030920.D

Acq: 04 Nov 2024 21:02

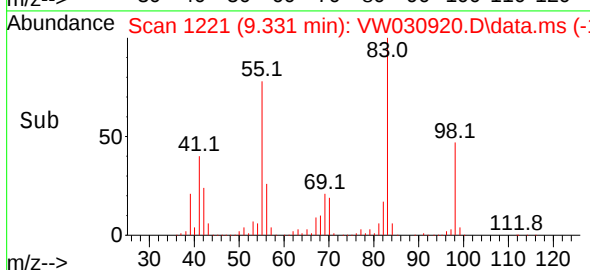
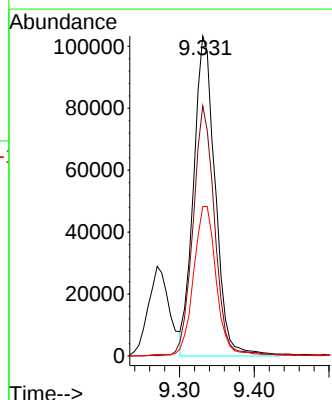
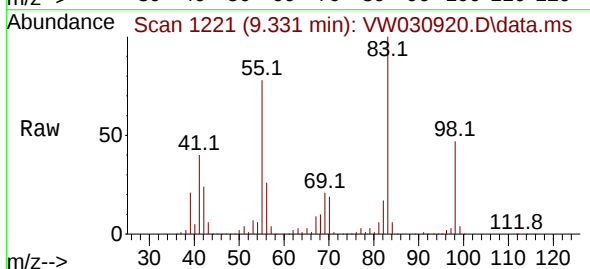
Tgt Ion: 83 Resp: 208023

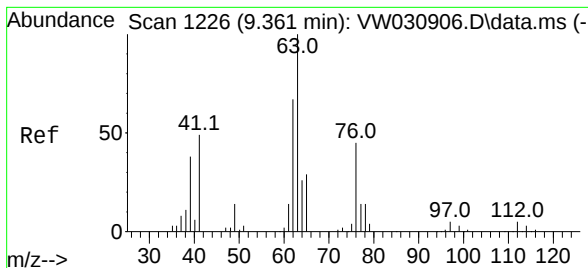
Ion Ratio Lower Upper

83 100

55 77.9 62.8 94.2

98 48.5 39.4 59.2





#37

1,2-Dichloropropane

Concen: 16.174 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VW030920.D

Acq: 04 Nov 2024 21:02

Instrument :

MSVOA_W

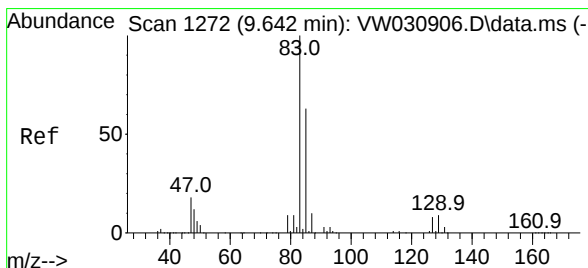
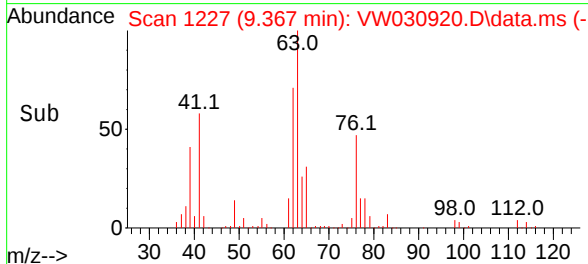
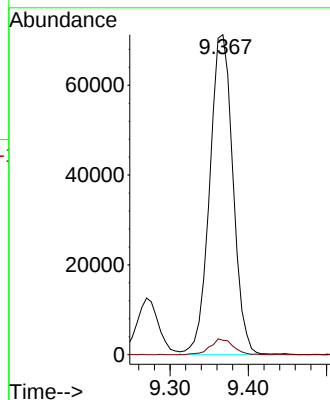
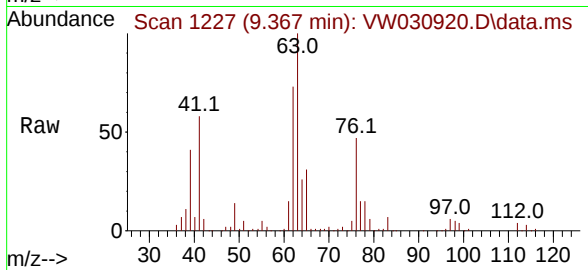
ClientSampleId :

Tgt Ion: 63 Resp: 147338

Ion Ratio Lower Upper

63 100

112 4.8 3.5 5.3



#38

Bromodichloromethane

Concen: 15.812 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW030920.D

Acq: 04 Nov 2024 21:02

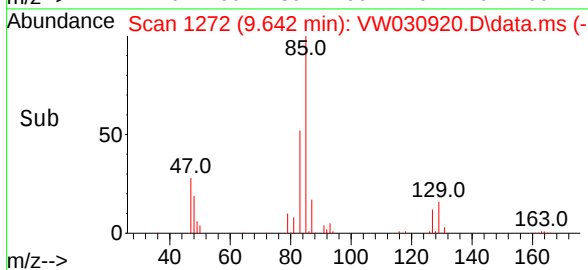
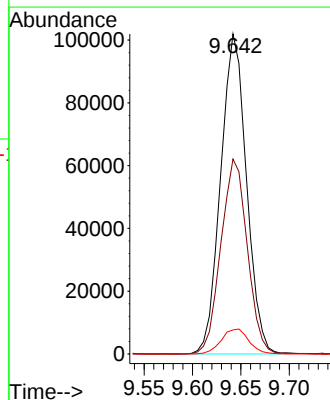
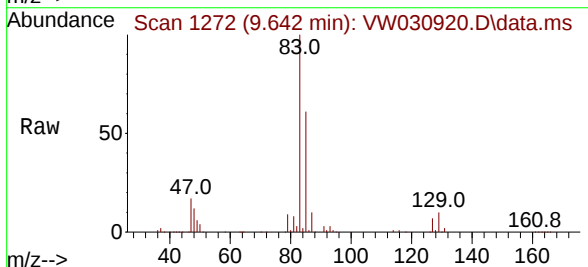
Tgt Ion: 83 Resp: 189161

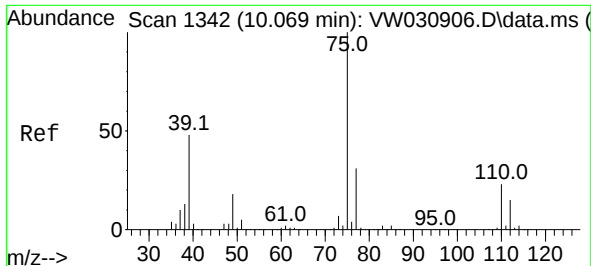
Ion Ratio Lower Upper

83 100

85 60.9 44.1 81.9

127 7.5 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 16.472 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. 0.000 min

Lab File: VW030920.D

Acq: 04 Nov 2024 21:02

Instrument :

MSVOA_W

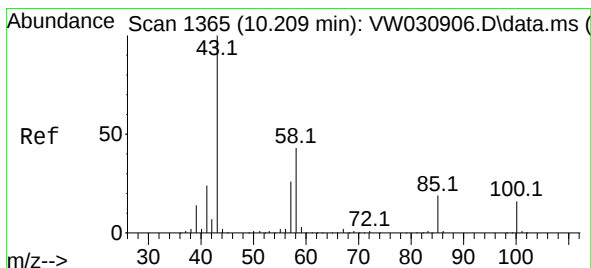
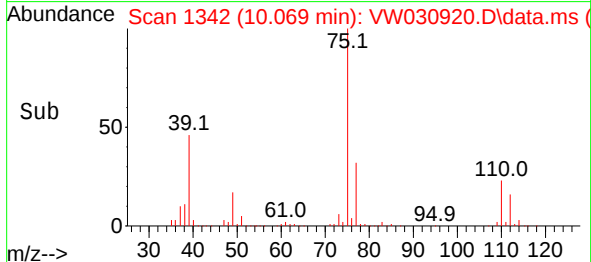
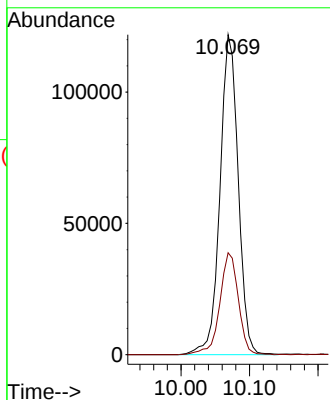
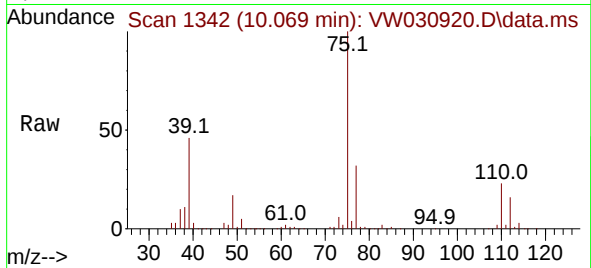
ClientSampleId :

Tgt Ion: 75 Resp: 224479

Ion Ratio Lower Upper

75 100

77 31.9 21.3 39.6



#40

4-Methyl-2-pentanone

Concen: 33.986 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW030920.D

Acq: 04 Nov 2024 21:02

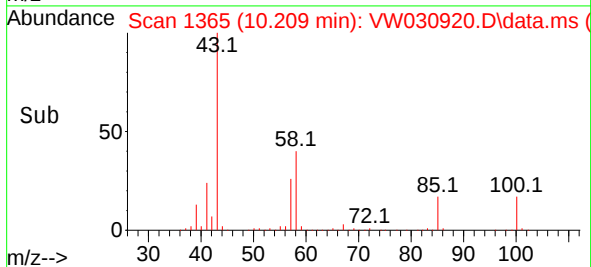
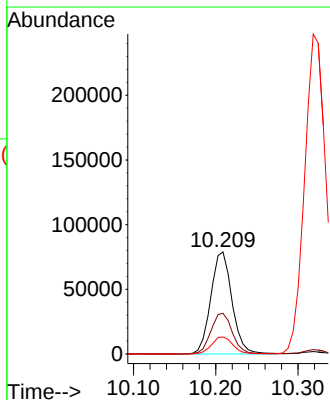
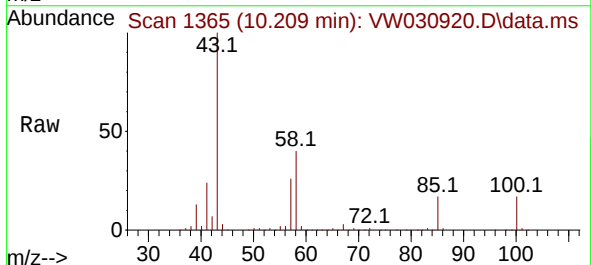
Tgt Ion: 43 Resp: 141590

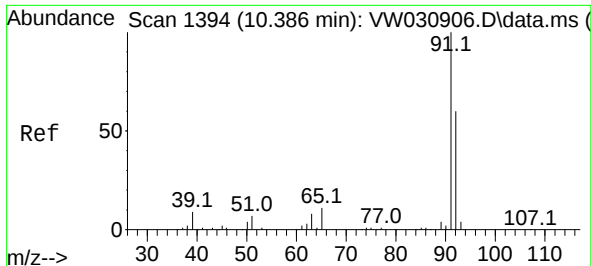
Ion Ratio Lower Upper

43 100

58 40.2 32.2 48.4

100 16.9 13.3 19.9

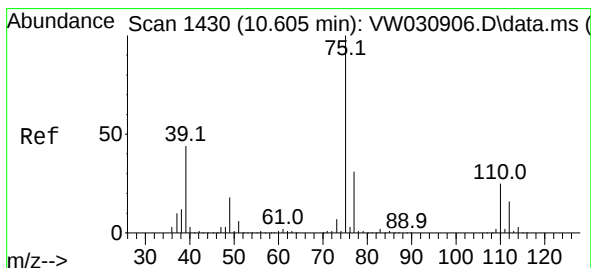
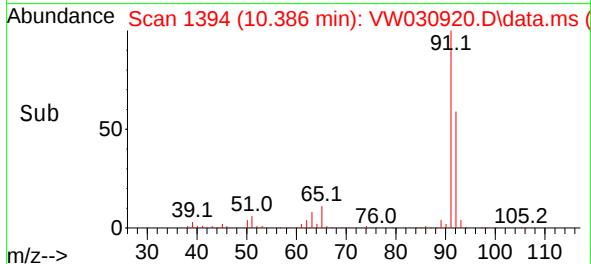
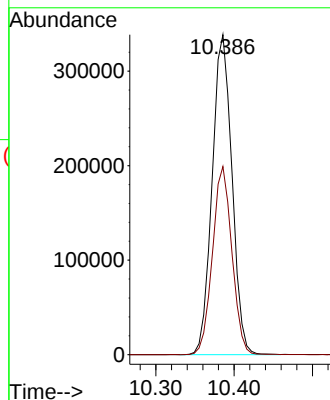
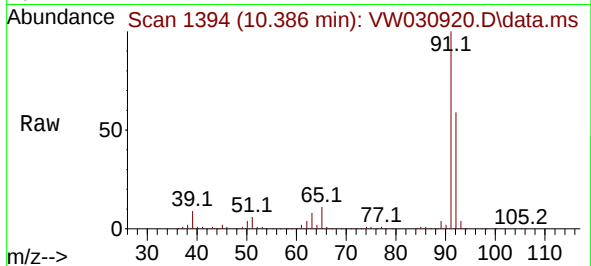




#42
Toluene
Concen: 15.395 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW030920.D
Acq: 04 Nov 2024 21:02

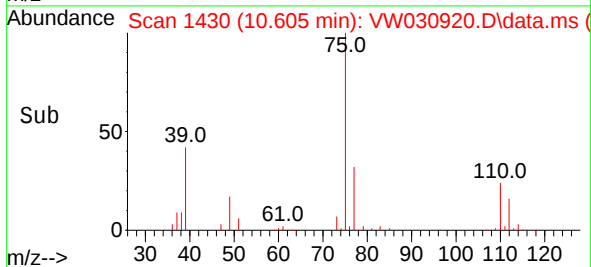
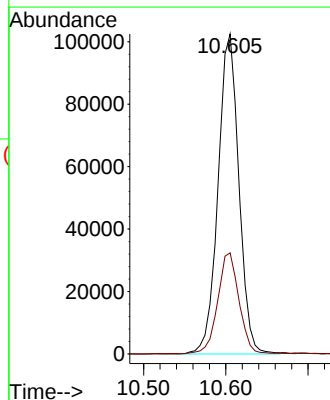
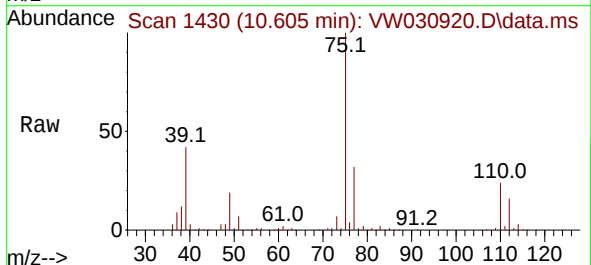
Instrument :
MSVOA_W
ClientSampleId :

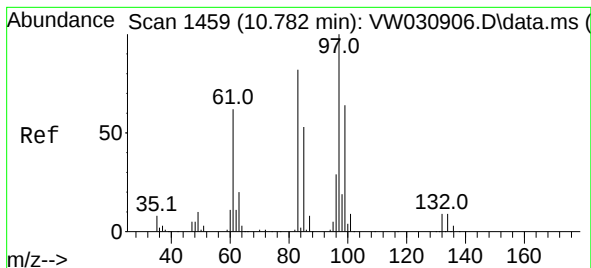
Tgt Ion: 91 Resp: 594241
Ion Ratio Lower Upper
91 100
92 58.8 39.4 73.2



#44
trans-1,3-Dichloropropene
Concen: 15.917 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW030920.D
Acq: 04 Nov 2024 21:02

Tgt Ion: 75 Resp: 180203
Ion Ratio Lower Upper
75 100
77 31.6 23.6 43.8





#45

1,1,2-Trichloroethane

Concen: 15.867 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VW030920.D

Acq: 04 Nov 2024 21:02

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 103749

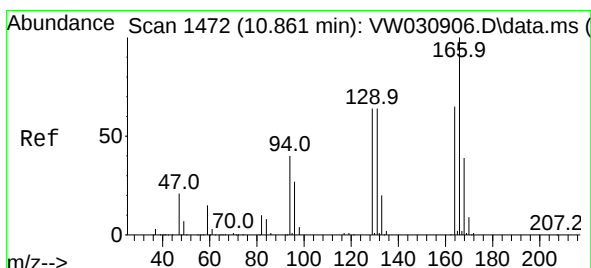
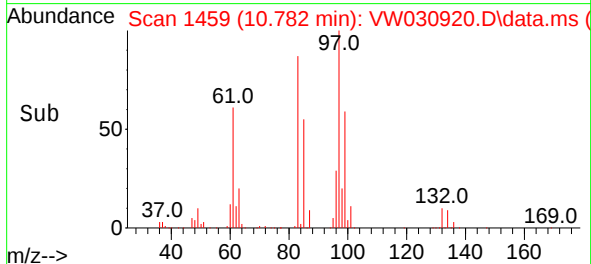
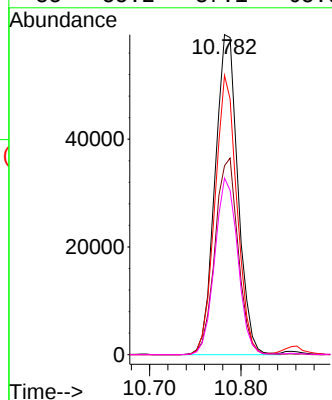
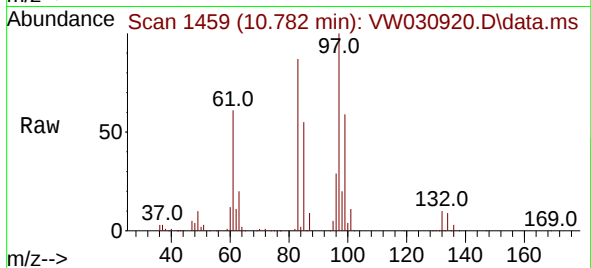
Ion Ratio Lower Upper

97 100

99 59.0 42.8 79.4

83 87.3 60.6 112.6

85 55.2 37.1 68.9



#46

Tetrachloroethene

Concen: 12.491 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW030920.D

Acq: 04 Nov 2024 21:02

Tgt Ion: 164 Resp: 95982

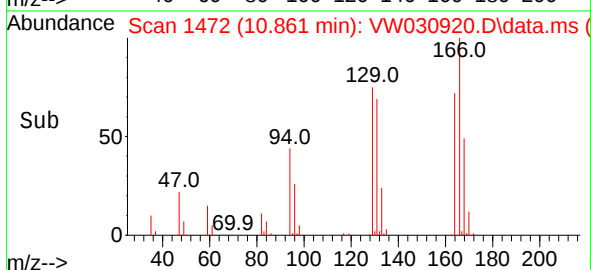
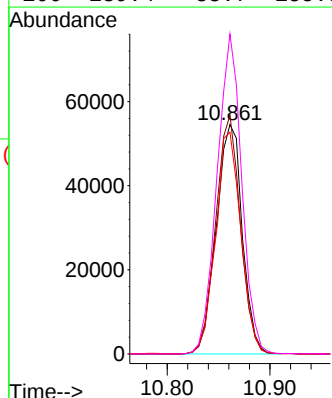
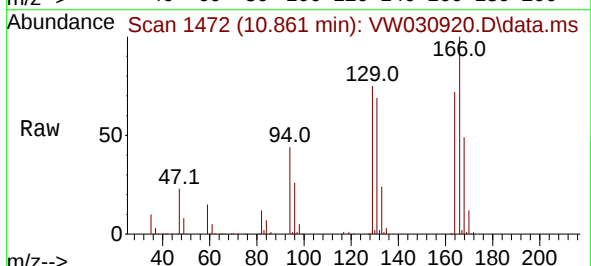
Ion Ratio Lower Upper

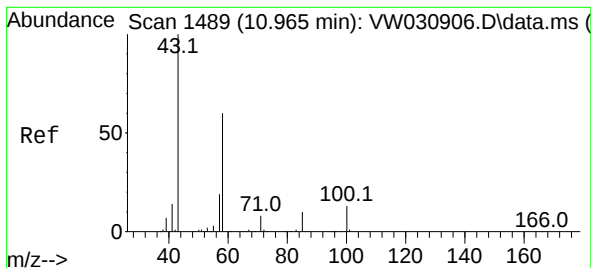
164 100

129 104.1 71.1 132.1

131 96.6 62.6 116.3

166 139.4 83.7 155.5





#48

2-Hexanone

Concen: 31.738 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

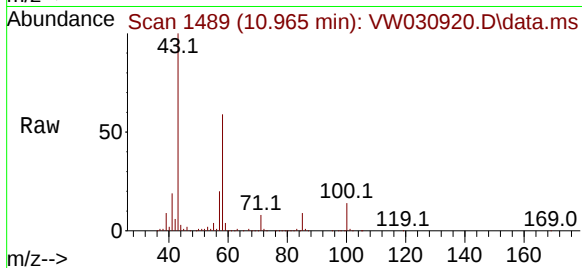
Lab File: VW030920.D

Acq: 04 Nov 2024 21:02

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 100594

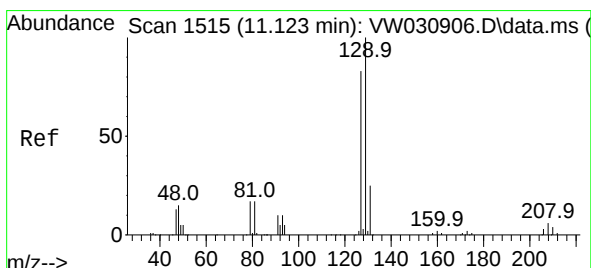
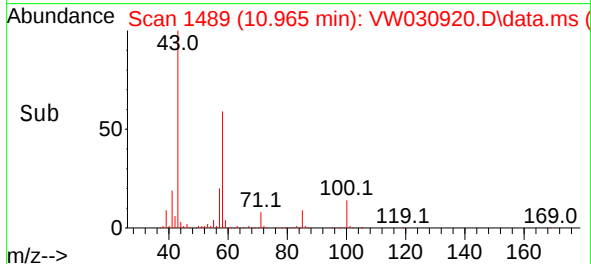
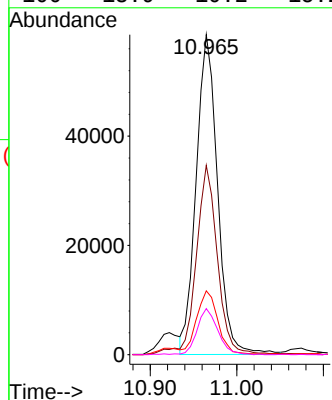
Ion Ratio Lower Upper

43 100

58 55.6 43.8 65.8

57 20.0 15.4 23.2

100 13.9 10.2 15.2



#49

Dibromochloromethane

Concen: 15.545 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. 0.000 min

Lab File: VW030920.D

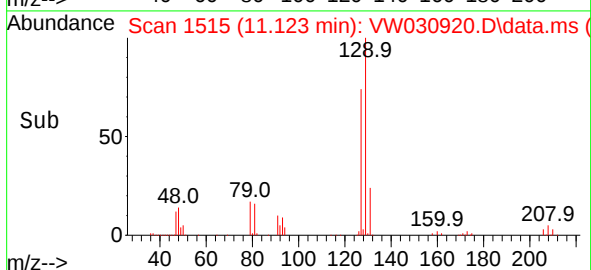
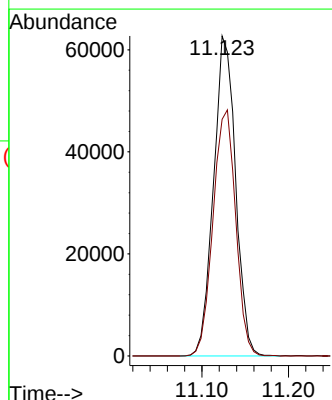
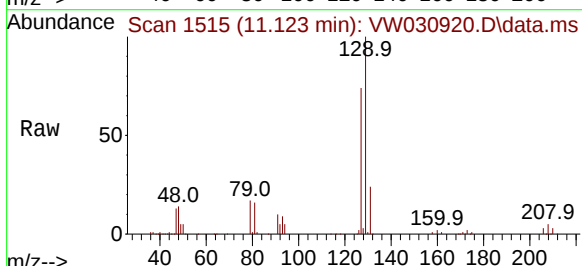
Acq: 04 Nov 2024 21:02

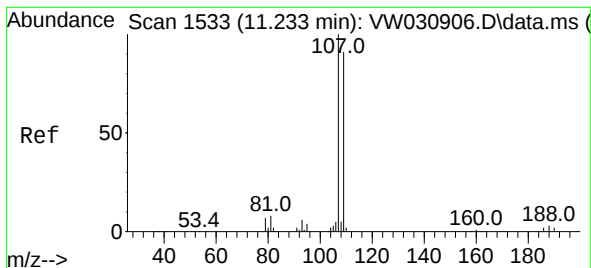
Tgt Ion:129 Resp: 110825

Ion Ratio Lower Upper

129 100

127 73.9 52.1 96.7





#50

1,2-Dibromoethane

Concen: 15.660 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

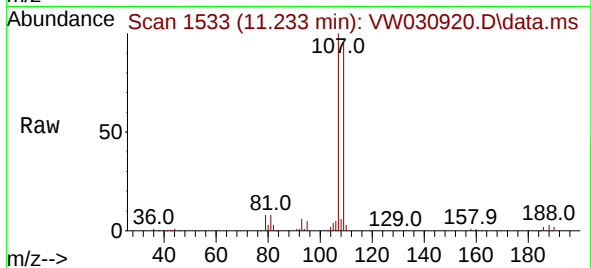
Lab File: VW030920.D

Acq: 04 Nov 2024 21:02

Instrument :

MSVOA_W

ClientSampleId :



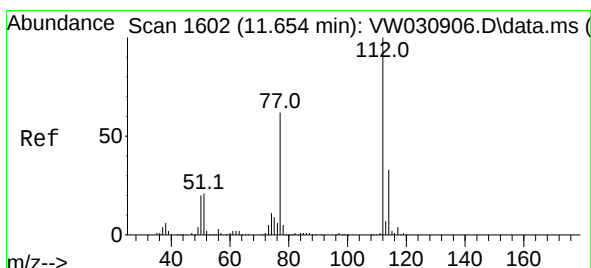
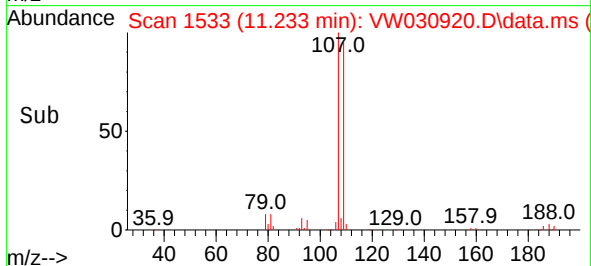
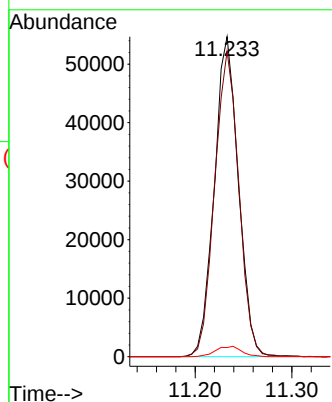
Tgt Ion:107 Resp: 94428

Ion Ratio Lower Upper

107 100

109 95.5 64.3 119.3

188 2.9 2.7 4.1



#51

Chlorobenzene

Concen: 15.181 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW030920.D

Acq: 04 Nov 2024 21:02

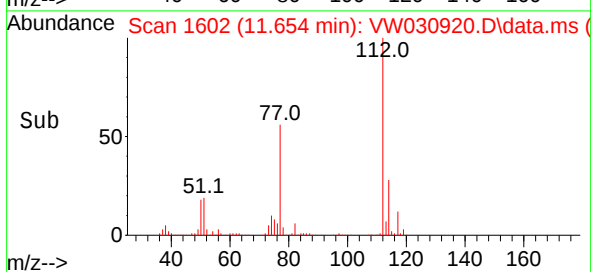
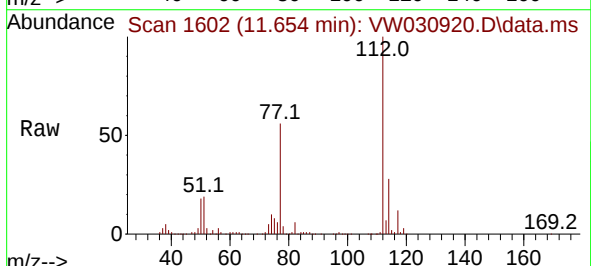
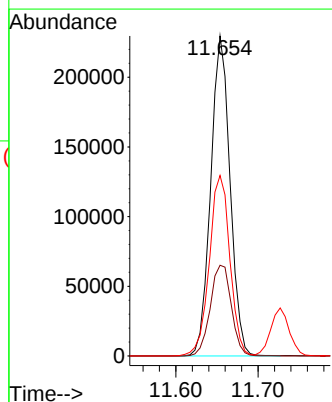
Tgt Ion:112 Resp: 375017

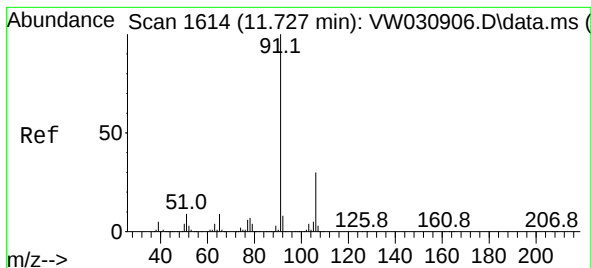
Ion Ratio Lower Upper

112 100

114 28.4 21.9 40.7

77 56.4 45.3 67.9

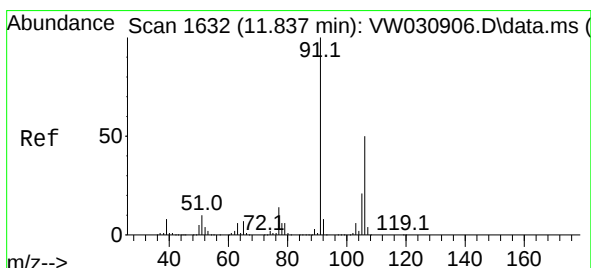
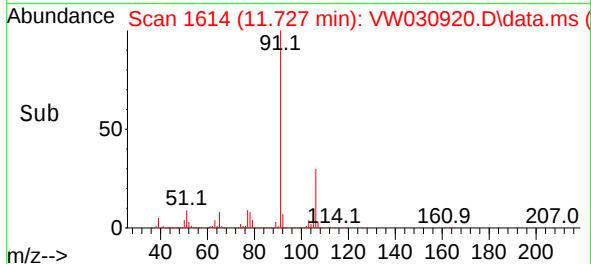
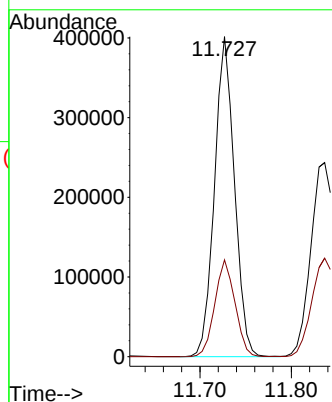
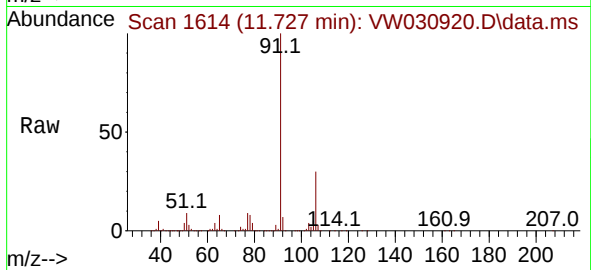




#52
Ethylbenzene
Concen: 13.949 ug/L
RT: 11.727 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW030920.D
Acq: 04 Nov 2024 21:02

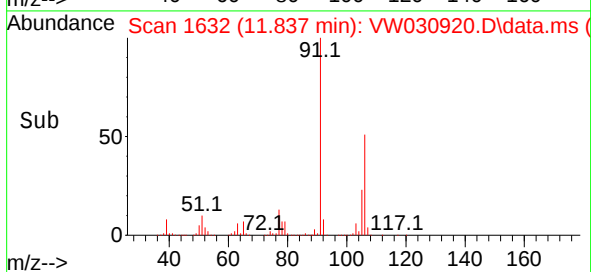
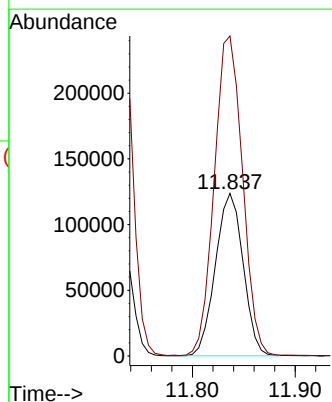
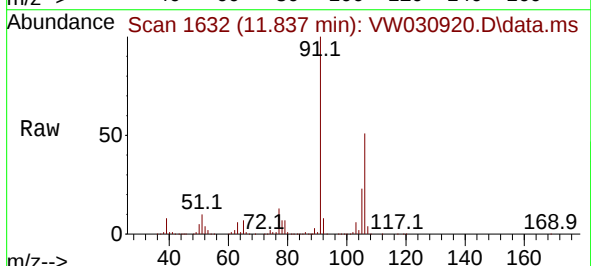
Instrument :
MSVOA_W
ClientSampleId :

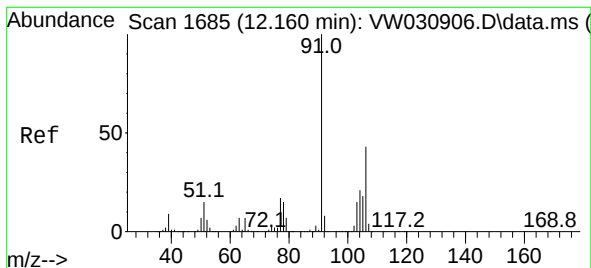
Tgt Ion: 91 Resp: 608367
Ion Ratio Lower Upper
91 100
106 30.3 21.6 40.0



#53
m,p-Xylene
Concen: 14.083 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW030920.D
Acq: 04 Nov 2024 21:02

Tgt Ion:106 Resp: 231005
Ion Ratio Lower Upper
106 100
91 196.9 140.7 261.3





#54

o-Xylene

Concen: 15.264 ug/L

RT: 12.160 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030920.D

Acq: 04 Nov 2024 21:02

Instrument :

MSVOA_W

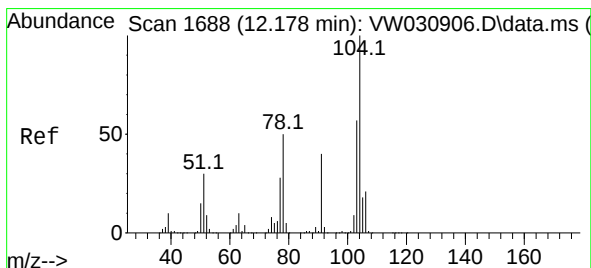
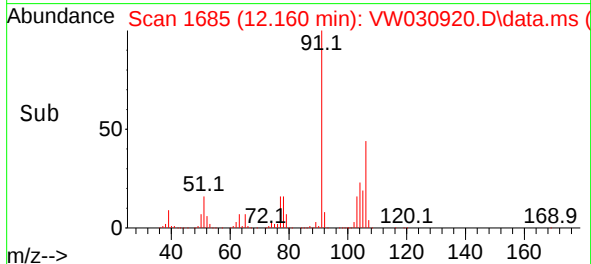
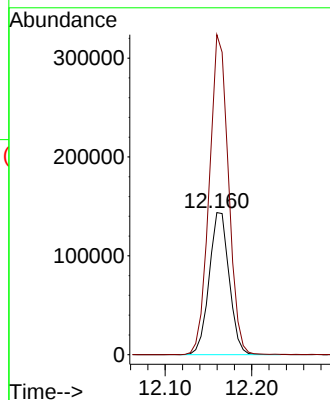
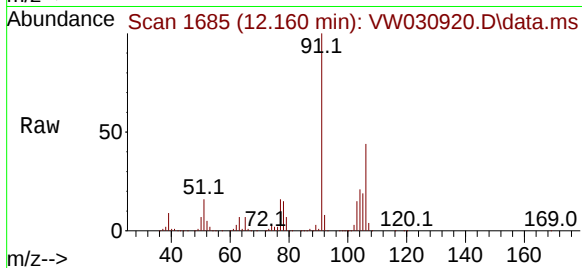
ClientSampleId :

Tgt Ion:106 Resp: 230387

Ion Ratio Lower Upper

106 100

91 225.3 149.9 278.3



#55

Styrene

Concen: 15.357 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW030920.D

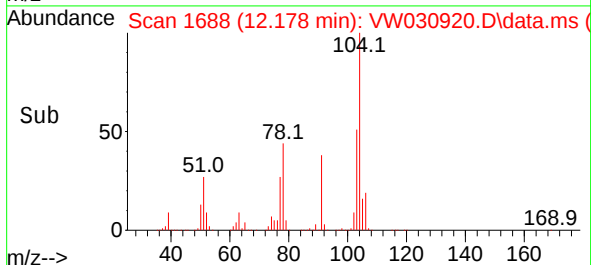
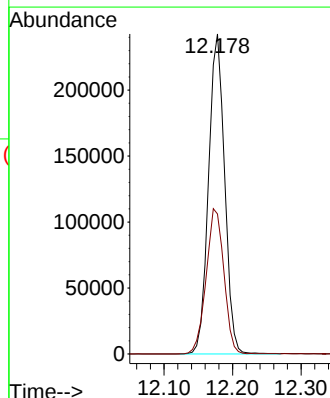
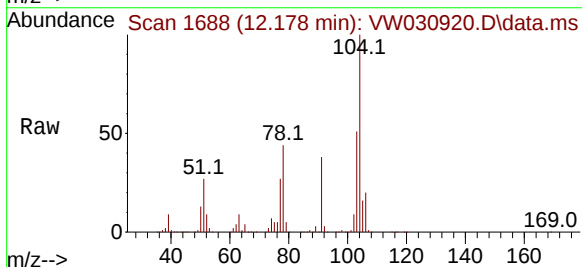
Acq: 04 Nov 2024 21:02

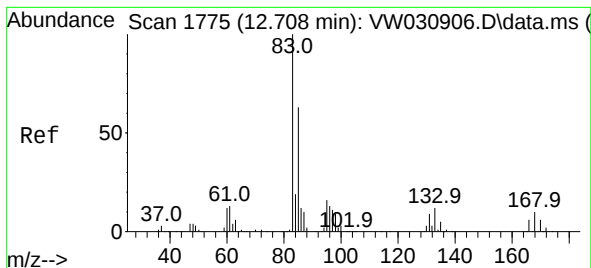
Tgt Ion:104 Resp: 396026

Ion Ratio Lower Upper

104 100

78 43.8 31.8 59.0

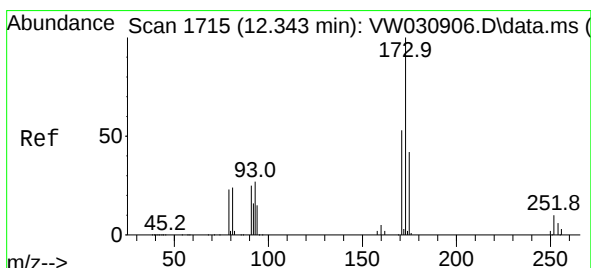
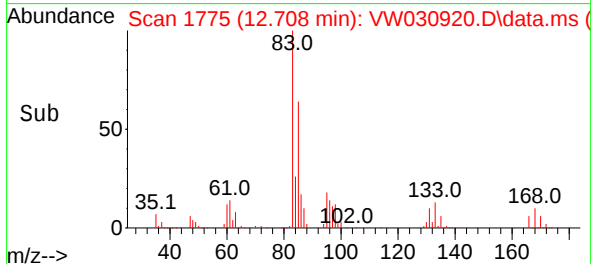
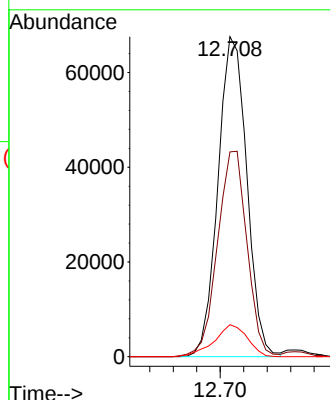
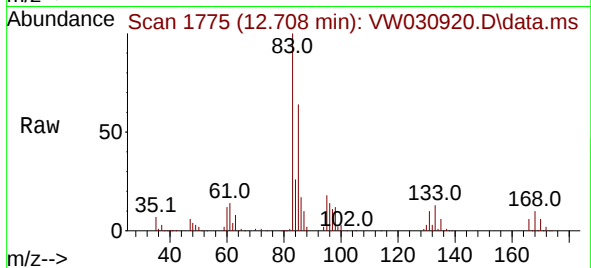




#57
1,1,2,2-Tetrachloroethane
Concen: 16.139 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VW030920.D
Acq: 04 Nov 2024 21:02

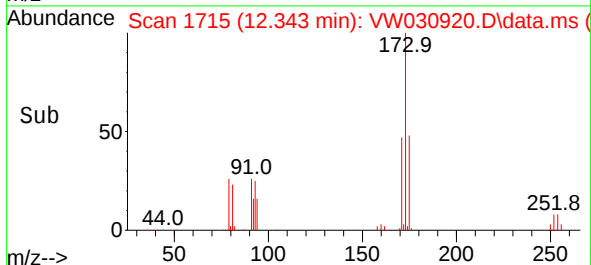
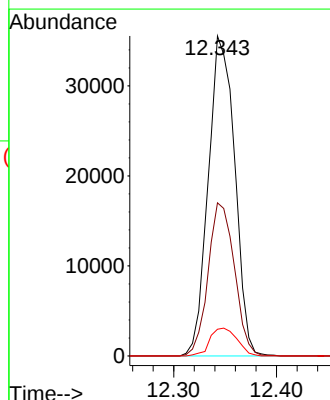
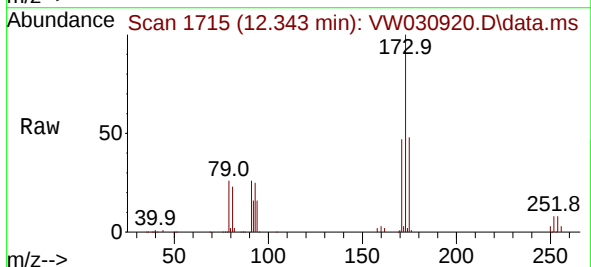
Instrument :
MSVOA_W
ClientSampleId :

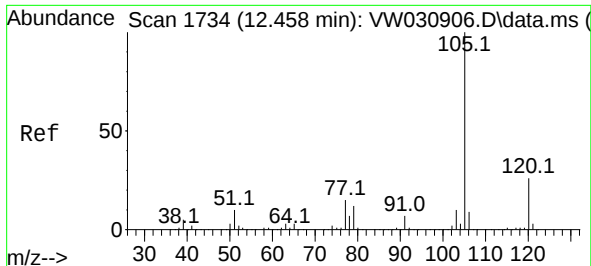
Tgt Ion: 83 Resp: 115165
Ion Ratio Lower Upper
83 100
85 64.0 45.1 83.7
131 10.0 7.7 11.5



#59
Bromoform
Concen: 16.591 ug/L
RT: 12.343 min Scan# 1715
Delta R.T. 0.000 min
Lab File: VW030920.D
Acq: 04 Nov 2024 21:02

Tgt Ion:173 Resp: 63603
Ion Ratio Lower Upper
173 100
175 47.6 39.3 58.9
254 8.9 7.8 11.6

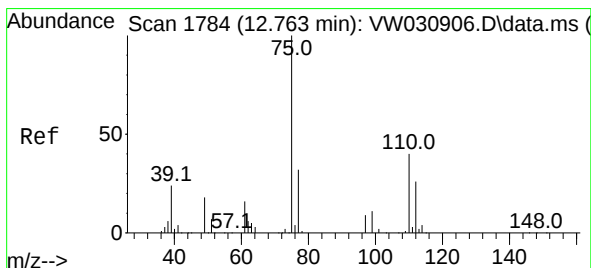
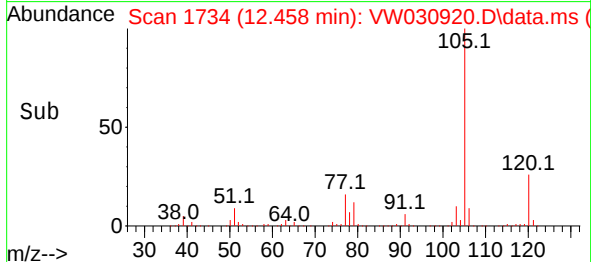
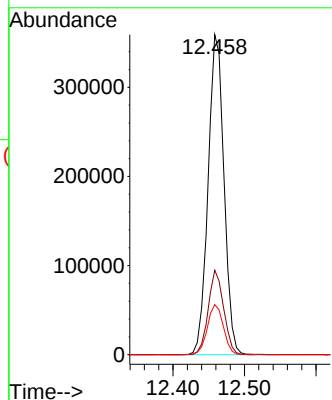
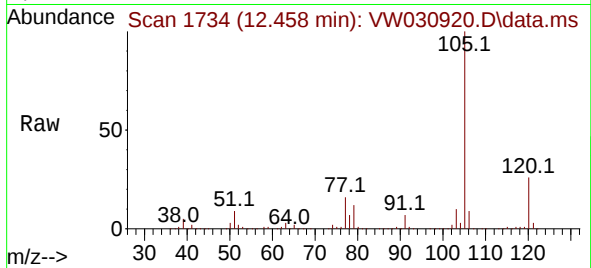




#60
Isopropylbenzene
Concen: 13.536 ug/L
RT: 12.458 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW030920.D
Acq: 04 Nov 2024 21:02

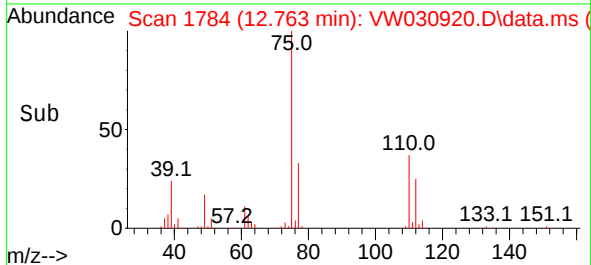
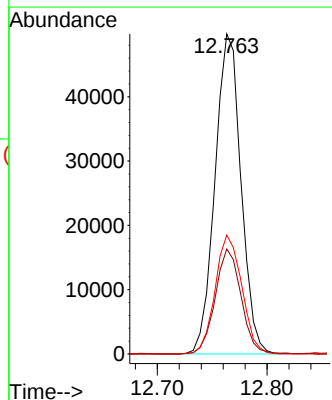
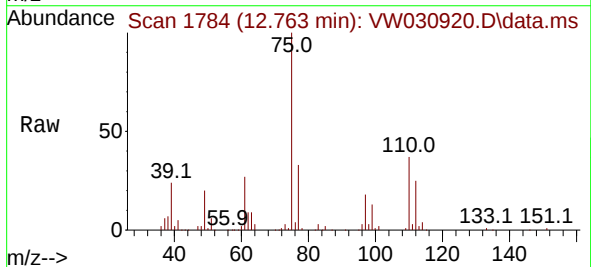
Instrument :
MSVOA_W
ClientSampleId :

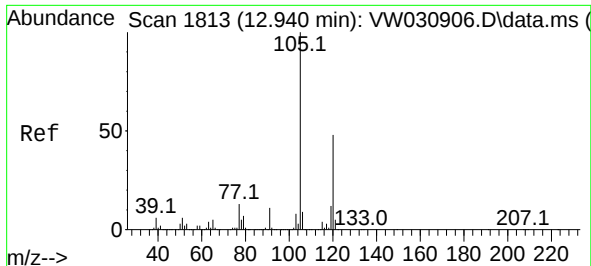
Tgt Ion:105 Resp: 554313
Ion Ratio Lower Upper
105 100
120 25.6 20.6 31.0
77 15.7 13.0 19.4



#61
1,2,3-Trichloropropane
Concen: 16.291 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW030920.D
Acq: 04 Nov 2024 21:02

Tgt Ion: 75 Resp: 81997
Ion Ratio Lower Upper
75 100
77 32.6 26.2 39.2
110 38.0 31.8 47.8





#62

1,3,5-Trimethylbenzene

Concen: 13.506 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW030920.D

Acq: 04 Nov 2024 21:02

Instrument :

MSVOA_W

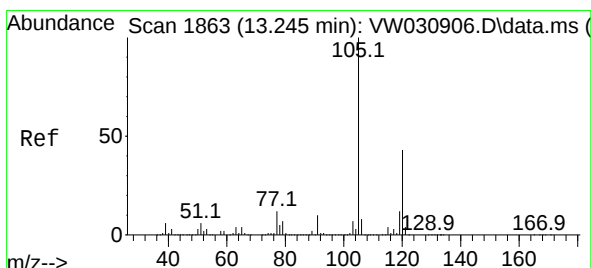
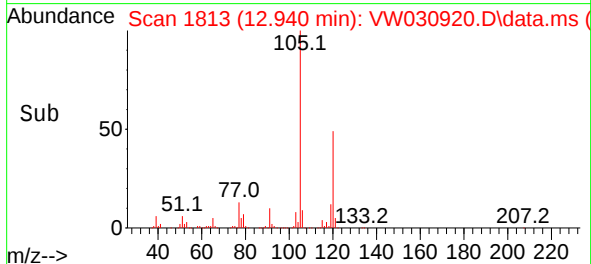
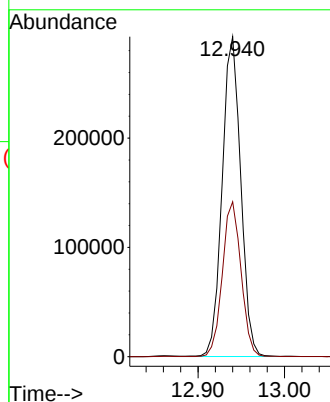
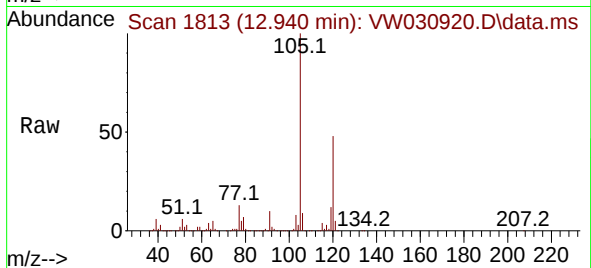
ClientSampleId :

Tgt Ion:105 Resp: 435475

Ion Ratio Lower Upper

105 100

120 48.7 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 14.250 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW030920.D

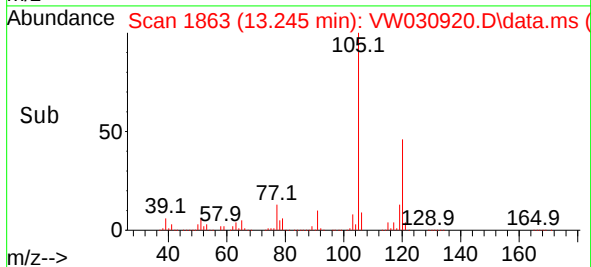
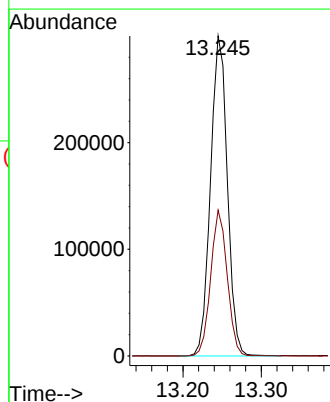
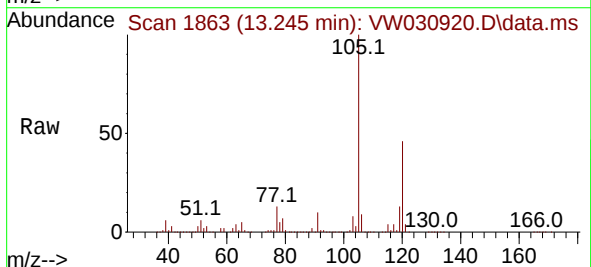
Acq: 04 Nov 2024 21:02

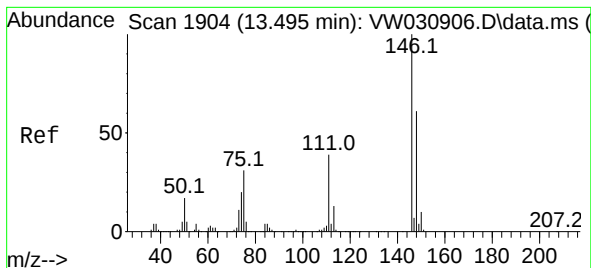
Tgt Ion:105 Resp: 447442

Ion Ratio Lower Upper

105 100

120 44.6 35.9 53.9





#64

1,3-Dichlorobenzene

Concen: 14.999 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW030920.D

Acq: 04 Nov 2024 21:02

Instrument :

MSVOA_W

ClientSampleId :

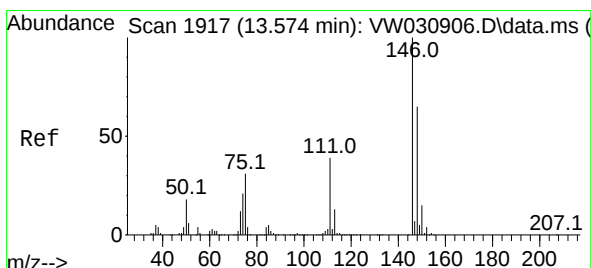
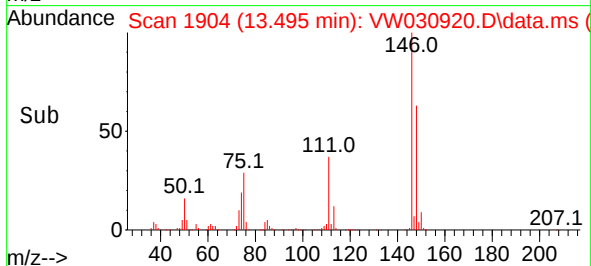
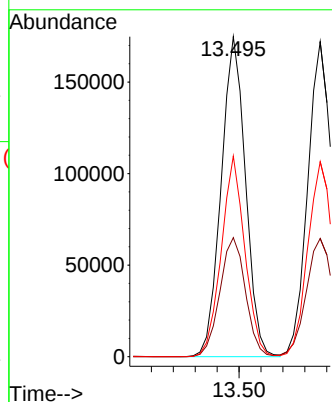
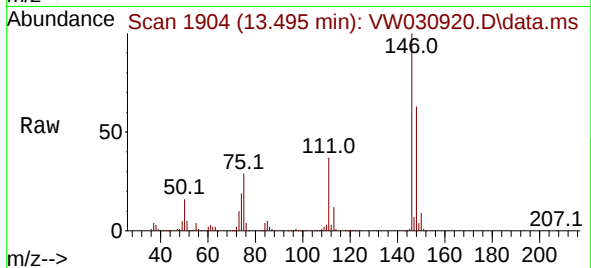
Tgt Ion:146 Resp: 269705

Ion Ratio Lower Upper

146 100

111 37.2 26.8 49.8

148 62.7 41.8 77.6



#65

1,4-Dichlorobenzene

Concen: 14.620 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW030920.D

Acq: 04 Nov 2024 21:02

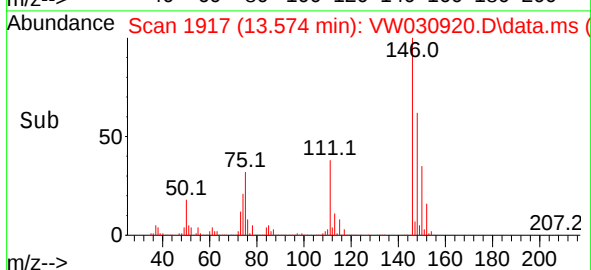
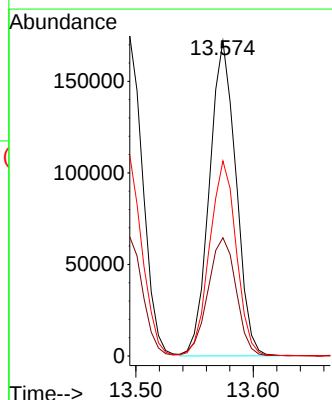
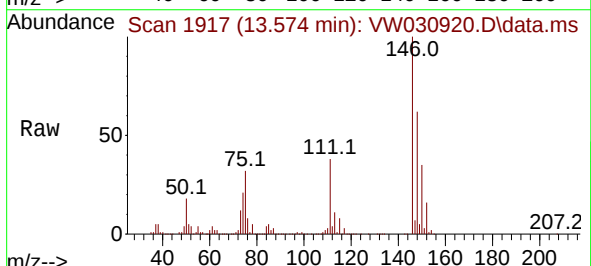
Tgt Ion:146 Resp: 269888

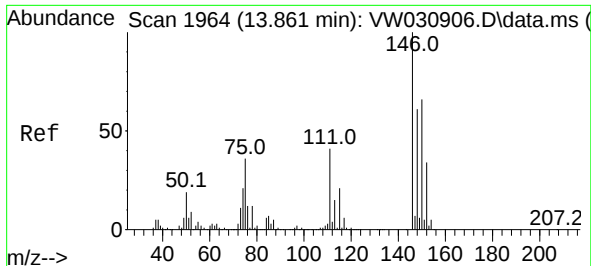
Ion Ratio Lower Upper

146 100

111 37.5 27.6 51.4

148 61.9 41.6 77.2

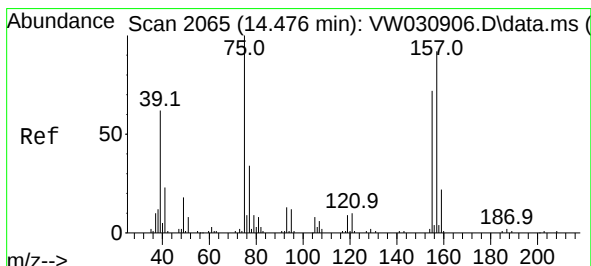
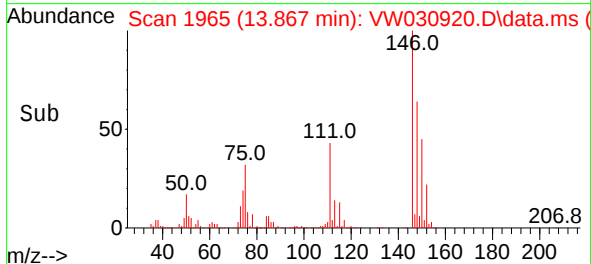
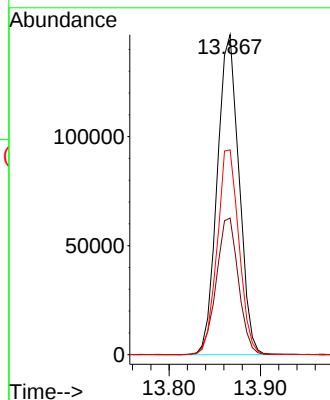
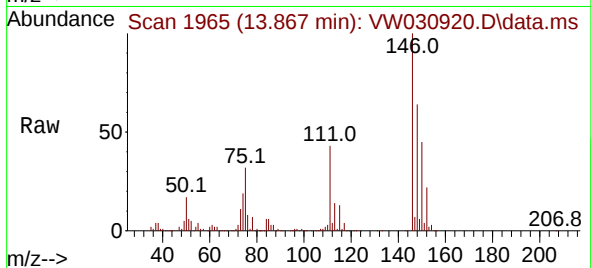




#67
1,2-Dichlorobenzene
Concen: 15.167 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.006 min
Lab File: VW030920.D
Acq: 04 Nov 2024 21:02

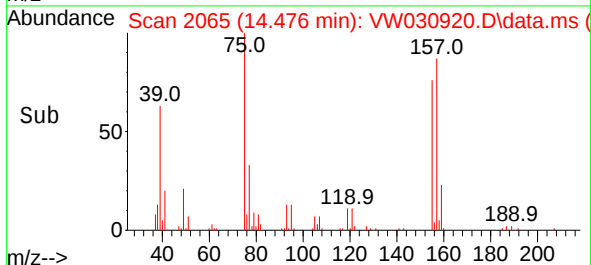
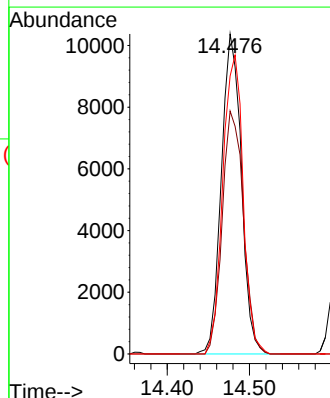
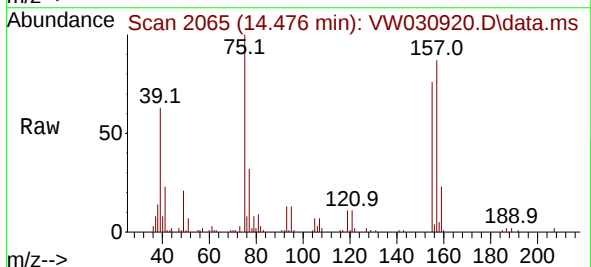
Instrument :
MSVOA_W
ClientSampleId :

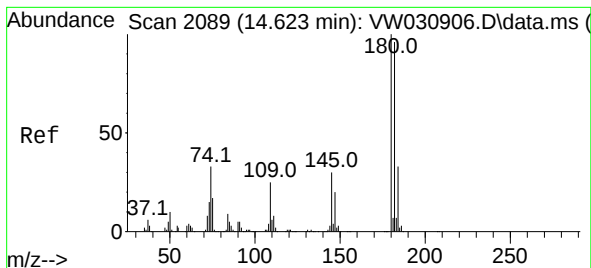
Tgt Ion:146 Resp: 243076
Ion Ratio Lower Upper
146 100
111 42.7 34.3 51.5
148 64.0 48.0 72.0



#68
1,2-Dibromo-3-chloropropane
Concen: 16.446 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW030920.D
Acq: 04 Nov 2024 21:02

Tgt Ion: 75 Resp: 17525
Ion Ratio Lower Upper
75 100
155 75.9 56.2 84.2
157 86.8 74.9 112.3





#69

1,3,5-Trichlorobenzene

Concen: 13.084 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW030920.D

Acq: 04 Nov 2024 21:02

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 156129

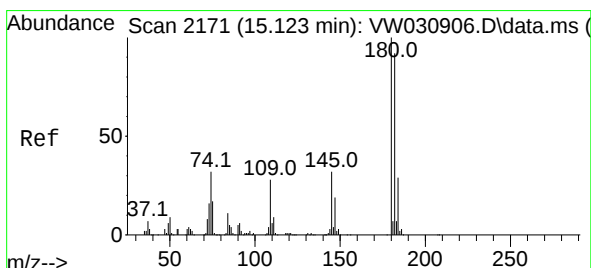
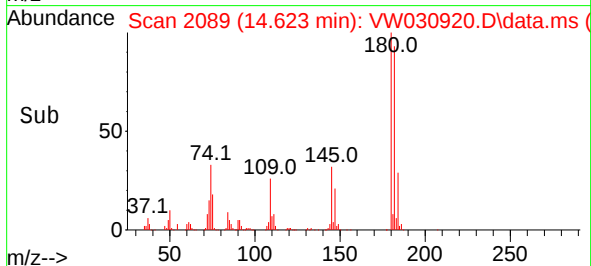
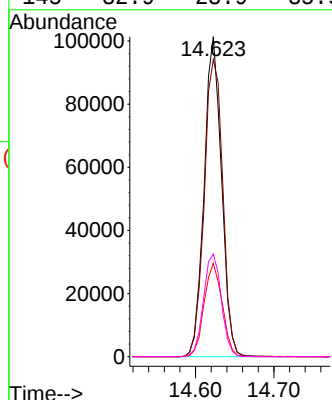
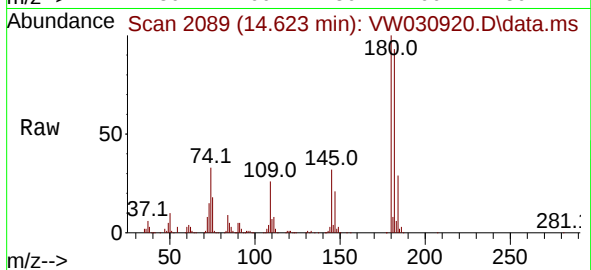
Ion Ratio Lower Upper

180 100

182 98.7 76.6 114.8

184 30.2 23.9 35.9

145 32.9 23.9 35.9



#70

1,2,4-trichlorobenzene

Concen: 14.832 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VW030920.D

Acq: 04 Nov 2024 21:02

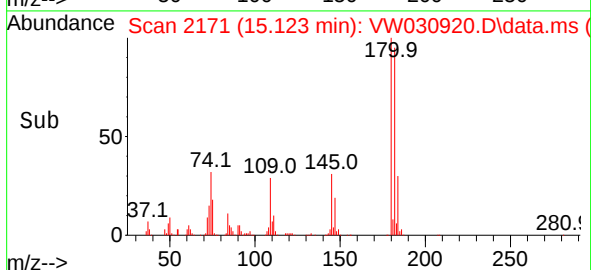
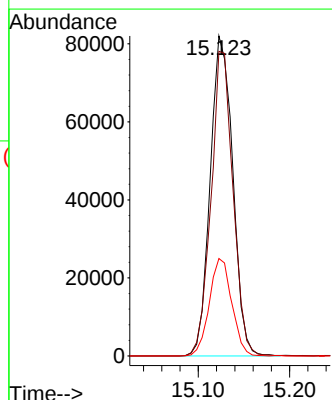
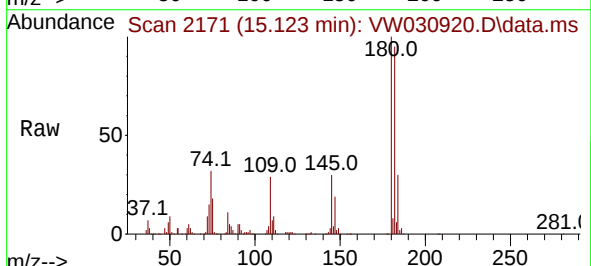
Tgt Ion:180 Resp: 140530

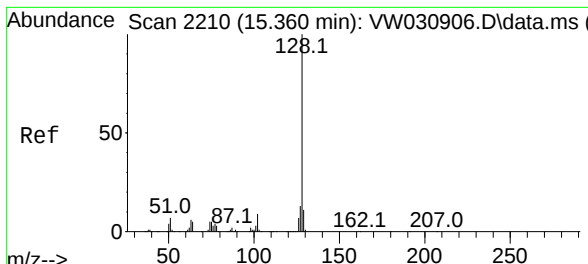
Ion Ratio Lower Upper

180 100

182 92.7 74.5 111.7

145 30.3 24.2 36.2



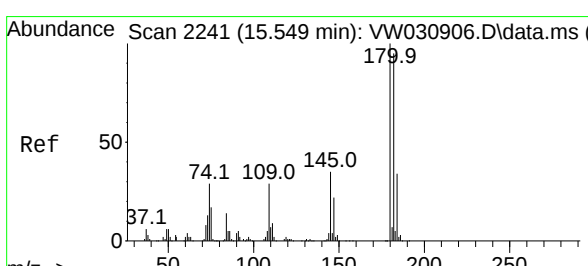
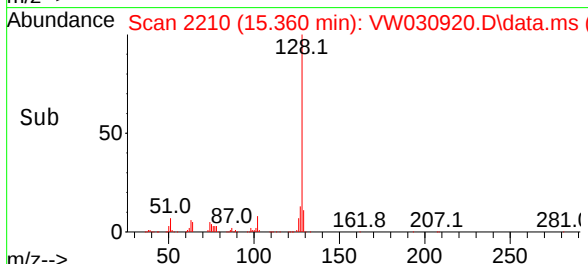
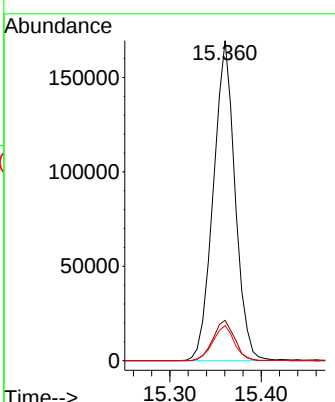
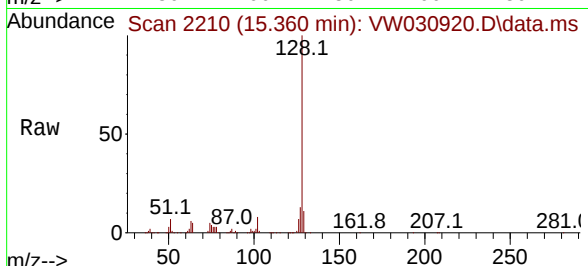


#71
Naphthalene
Concen: 18.207 ug/L
RT: 15.360 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW030920.D
Acq: 04 Nov 2024 21:02

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 279647

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.4
129	10.9	8.7	13.1



#72
1,2,3-Trichlorobenzene
Concen: 16.510 ug/L
RT: 15.543 min Scan# 2240
Delta R.T. -0.006 min
Lab File: VW030920.D
Acq: 04 Nov 2024 21:02

Tgt Ion:180 Resp: 134812

Ion	Ratio	Lower	Upper
180	100		
182	94.6	79.2	118.8
145	33.0	27.0	40.6

