

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112024\
 Data File : VW031072.D
 Acq On : 20 Nov 2024 15:42
 Operator : SY/MD
 Sample : VSTD2.5
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 21 03:52:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM112024SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Nov 21 03:49:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	371878	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	353107	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	170311	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	11231	2.477	ug/L	0.00
7) Chloroethane-d5	2.893	69	9357	2.615	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.009	65	5889	2.629	ug/L	0.00
21) 2-Butanone-d5	7.100	46	1168	1.119	ug/L	0.02
24) Chloroform-d	7.648	84	26033	2.577	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.301	65	12488	2.530	ug/L	0.00
32) Benzene-d6	8.270	84	46547	2.328	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	14597	2.476	ug/L	0.00
41) Toluene-d8	10.319	98	41395	2.272	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	5315	2.165	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	3262	3.849	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	10765	2.397	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	15866	2.666	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.009	85	12597	2.857	ug/L #	86
3) Chloromethane	2.228	50	17631	3.249	ug/L	94
5) Vinyl chloride	2.363	62	15250	2.729	ug/L	98
6) Bromomethane	2.789	94	10935	2.802	ug/L	97
8) Chloroethane	2.936	64	9422	2.811	ug/L	88
9) Trichlorofluoromethane	3.259	101	23042	2.981	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	14162	2.705	ug/L #	59
12) 1,1-Dichloroethene	4.039	96	13459	2.645	ug/L	98
13) Acetone	4.185	43	5800	4.244	ug/L	80
14) Carbon disulfide	4.381	76	43627	2.641	ug/L	95
15) Methyl Acetate	4.698	43	3171	1.747	ug/L #	89
16) Methylene chloride	4.917	84	14853	2.790	ug/L	97
17) trans-1,2-Dichloroethene	5.423	96	14711	2.661	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	19994	2.510	ug/L #	77
19) 1,1-Dichloroethane	6.216	63	26352	2.720	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	14814	2.540	ug/L	95
22) 2-Butanone	7.197	43	5550	3.312	ug/L	88
23) Bromochloromethane	7.508	128	6951	2.660	ug/L	88
25) Chloroform	7.673	83	27385	2.705	ug/L	90
27) 1,2-Dichloroethane	8.398	62	15894	2.634	ug/L #	93
29) Cyclohexane	7.953	56	19496	2.361	ug/L	98
30) 1,1,1-Trichloroethane	7.868	97	22754	2.657	ug/L	99
31) Carbon tetrachloride	8.069	117	19892	2.554	ug/L	98
33) Benzene	8.319	78	58410	2.584	ug/L	100
34) Trichloroethene	9.087	95	16244	2.653	ug/L	94
35) Methylcyclohexane	9.331	83	24097	2.449	ug/L	98
37) 1,2-Dichloropropane	9.367	63	14809	2.628	ug/L #	93
38) Bromodichloromethane	9.642	83	18152	2.559	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	20184	2.376	ug/L	100
40) 4-Methyl-2-pentanone	10.215	43	11631	4.386	ug/L	96
42) Toluene	10.386	91	60481	2.534	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	15528	2.264	ug/L	99

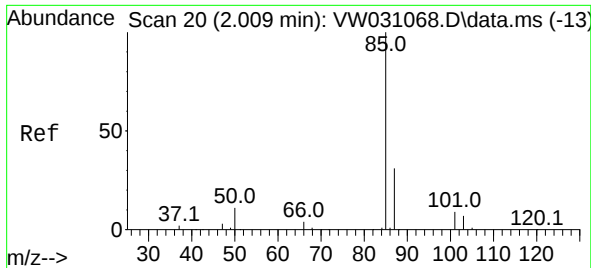
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112024\
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 Quant Title : SFAM01.0
 QLast Update : Thu Nov 21 03:49:11 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	10206	2.490	ug/L	97
46) Tetrachloroethene	10.855	164	13563	2.770	ug/L	93
48) 2-Hexanone	10.971	43	7461	3.559	ug/L	97
49) Dibromochloromethane	11.129	129	11504	2.524	ug/L	99
50) 1,2-Dibromoethane	11.233	107	9674	2.480	ug/L	81
51) Chlorobenzene	11.654	112	41410	2.653	ug/L	96
52) Ethylbenzene	11.727	91	66308	2.478	ug/L	98
53) m,p-Xylene	11.837	106	24415	2.390	ug/L	97
54) o-Xylene	12.160	106	23074	2.404	ug/L	96
55) Styrene	12.178	104	37759	2.311	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	11534	2.523	ug/L	96
59) Bromoform	12.343	173	6248	2.451	ug/L	92
60) Isopropylbenzene	12.458	105	61010	2.459	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	8153	2.615	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	45810	2.340	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	44434	2.301	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	30137	2.663	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	32964	2.799	ug/L	98
67) 1,2-Dichlorobenzene	13.861	146	26797	2.642	ug/L #	93
68) 1,2-Dibromo-3-chloropr...	14.476	75	1797	2.637	ug/L #	85
69) 1,3,5-Trichlorobenzene	14.623	180	21056	2.722	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	15737	2.544	ug/L	98
71) Naphthalene	15.360	128	22723	2.172	ug/L	97
72) 1,2,3-Trichlorobenzene	15.555	180	14270	2.591	ug/L	89

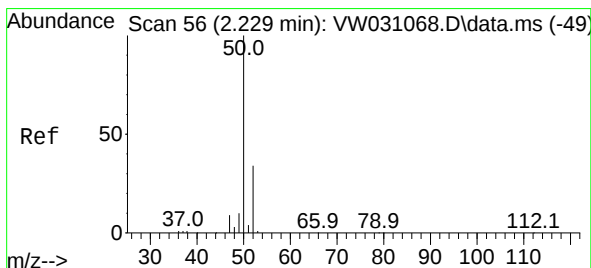
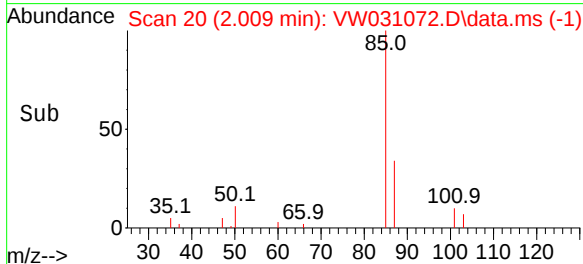
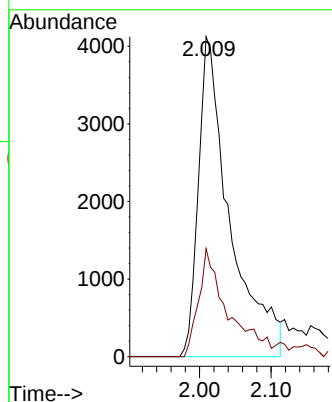
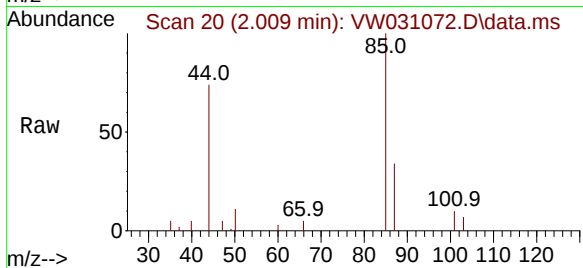
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 2.857 ug/L
 RT: 2.009 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VW031072.D
 Acq: 20 Nov 2024 15:42

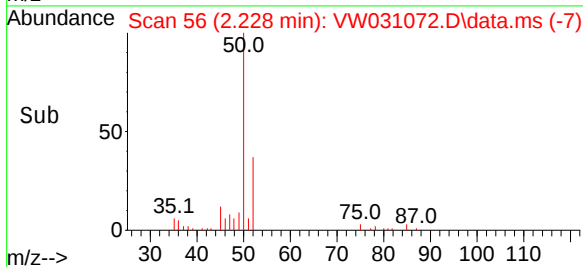
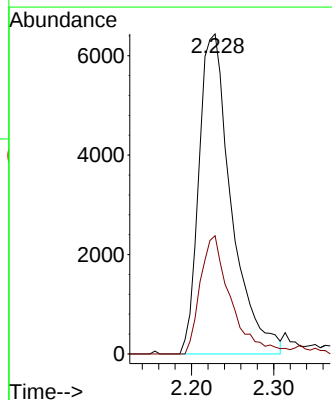
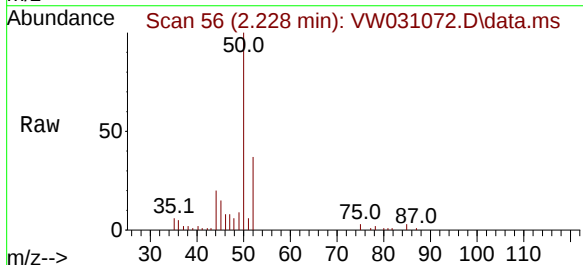
Instrument :
 MSVOA_W
 ClientSampleId :

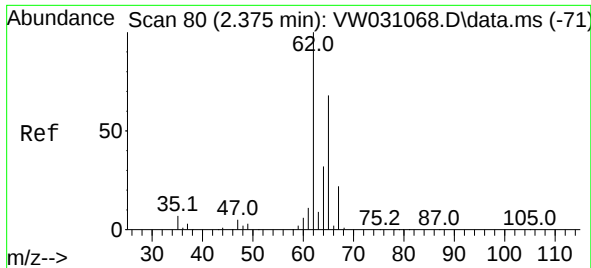
Tgt Ion: 85 Resp: 12597
 Ion Ratio Lower Upper
 85 100
 87 22.3 23.8 35.6#



#3
 Chloromethane
 Concen: 3.249 ug/L
 RT: 2.228 min Scan# 56
 Delta R.T. -0.000 min
 Lab File: VW031072.D
 Acq: 20 Nov 2024 15:42

Tgt Ion: 50 Resp: 17631
 Ion Ratio Lower Upper
 50 100
 52 37.0 23.4 43.6

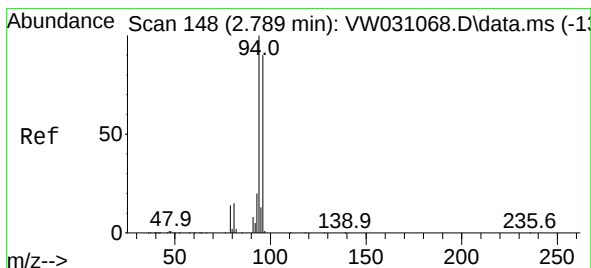
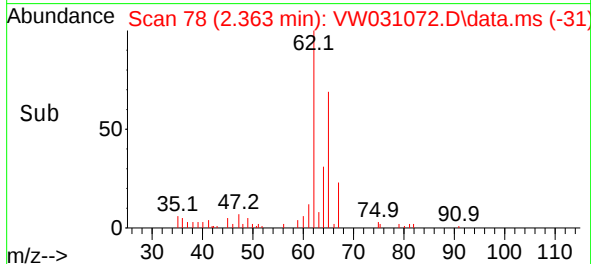
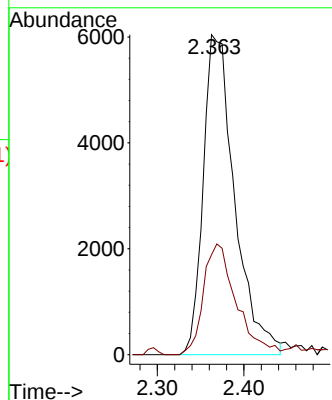
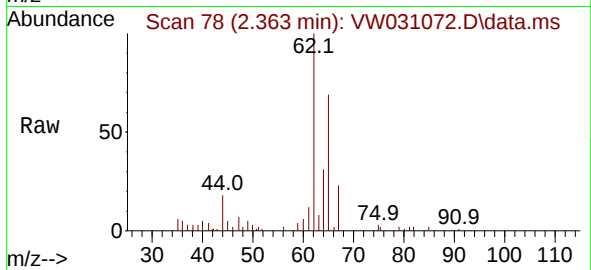




#5
 Vinyl chloride
 Concen: 2.729 ug/L
 RT: 2.363 min Scan# 71
 Delta R.T. -0.012 min
 Lab File: VW031072.D
 Acq: 20 Nov 2024 15:42

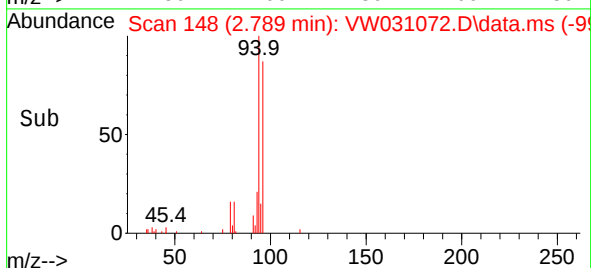
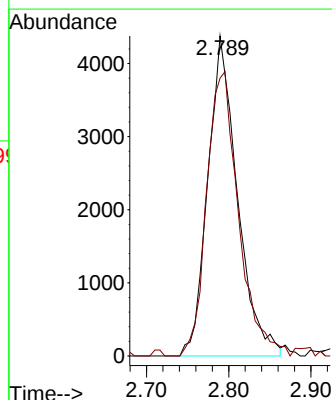
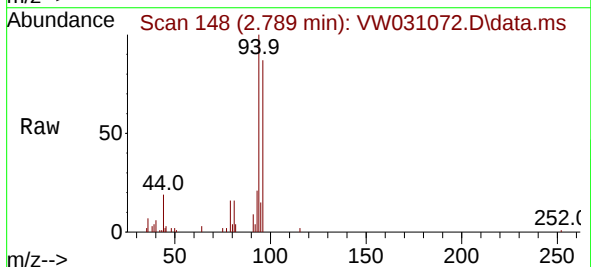
Instrument :
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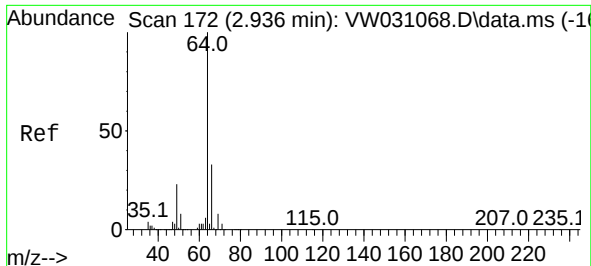
Tgt Ion: 62 Resp: 15250
 Ion Ratio Lower Upper
 62 100
 64 31.3 22.7 42.1



#6
 Bromomethane
 Concen: 2.802 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW031072.D
 Acq: 20 Nov 2024 15:42

Tgt Ion: 94 Resp: 10935
 Ion Ratio Lower Upper
 94 100
 96 86.8 62.6 116.3

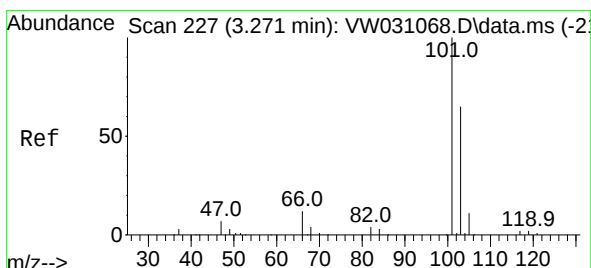
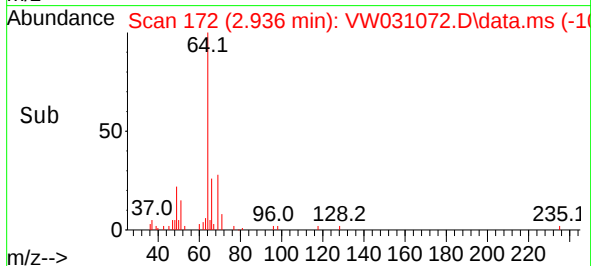
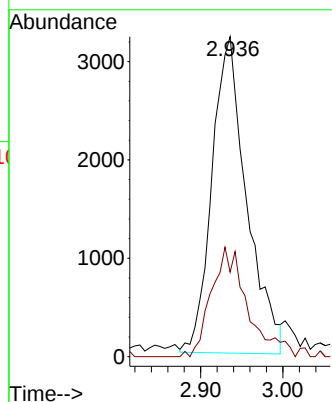
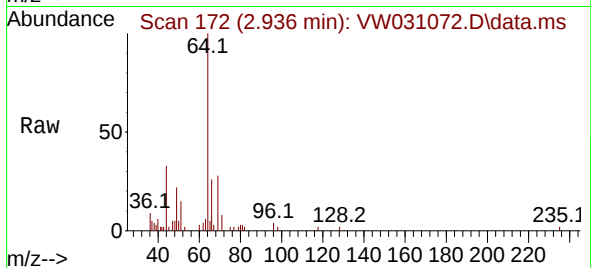




#8
Chloroethane
Concen: 2.811 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW031072.D
Acq: 20 Nov 2024 15:42

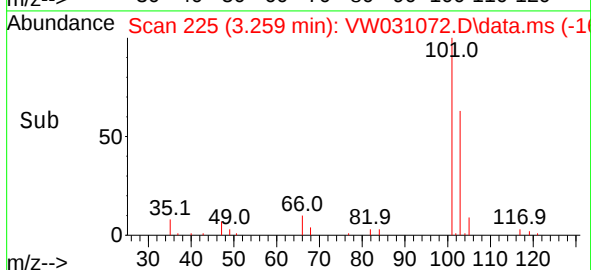
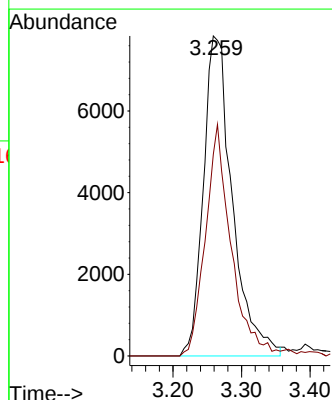
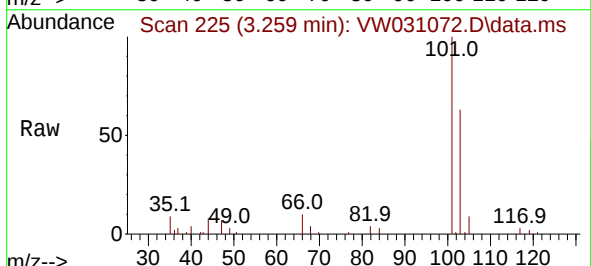
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MSVOA_W
ClientSampleId :

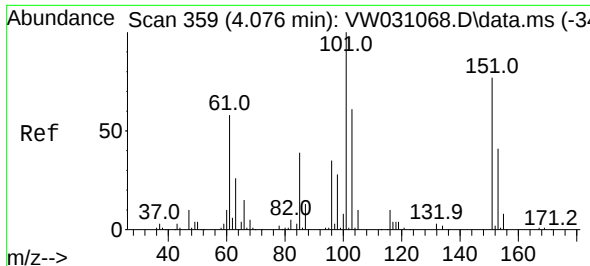
Tgt Ion: 64 Resp: 9422
Ion Ratio Lower Upper
64 100
66 26.4 23.2 43.2



#9
Trichlorofluoromethane
Concen: 2.981 ug/L
RT: 3.259 min Scan# 225
Delta R.T. -0.012 min
Lab File: VW031072.D
Acq: 20 Nov 2024 15:42

Tgt Ion:101 Resp: 23042
Ion Ratio Lower Upper
101 100
103 62.7 50.7 76.1





#10

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

Concen: 2.705 ug/L

RT: 4.070 min Scan# 359

Delta R.T. -0.006 min

Lab File: VW031072.D

Acq: 20 Nov 2024 15:42

Instrument :

MSVOA_W

ClientSampleId :

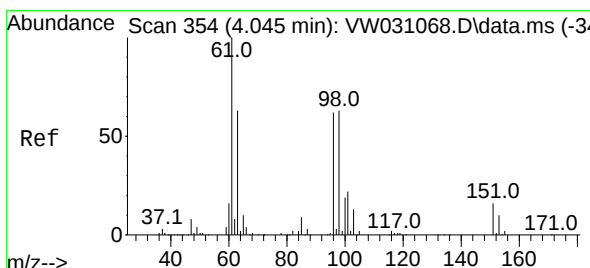
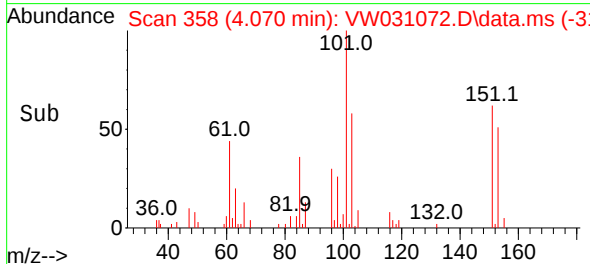
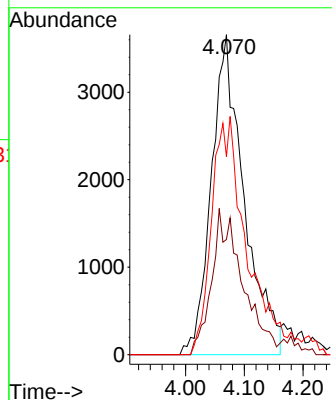
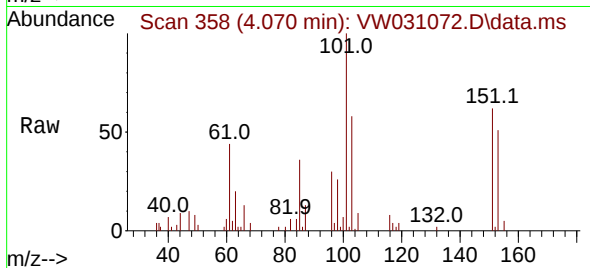
Tgt Ion:101 Resp: 14162

Ion Ratio Lower Upper

101 100

85 24.7 33.9 50.9#

151 35.6 61.8 92.6#



#12

1,1-Dichloroethene

Concen: 2.645 ug/L

RT: 4.039 min Scan# 353

Delta R.T. -0.006 min

Lab File: VW031072.D

Acq: 20 Nov 2024 15:42

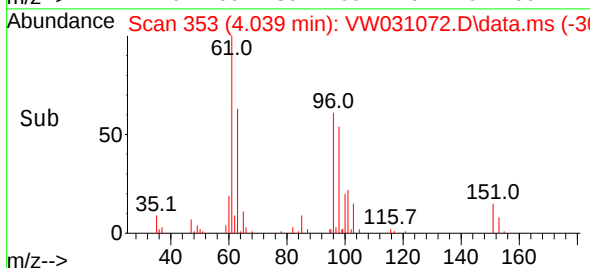
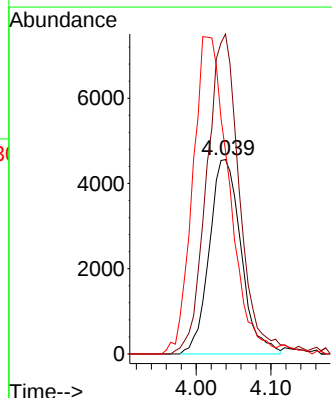
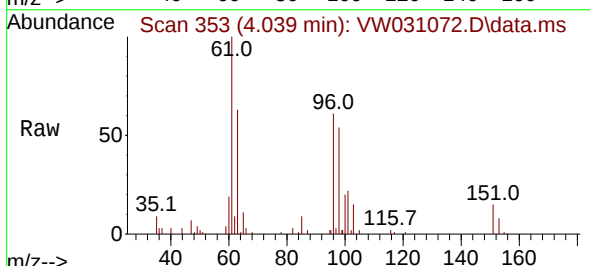
Tgt Ion: 96 Resp: 13459

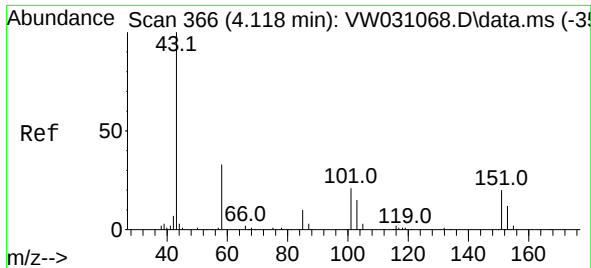
Ion Ratio Lower Upper

96 100

61 164.6 113.5 210.9

63 104.4 73.8 137.2

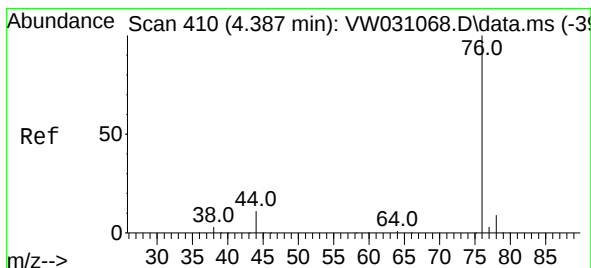
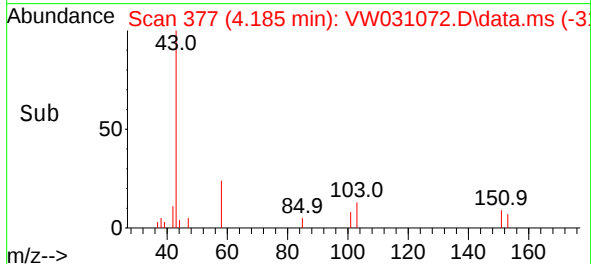
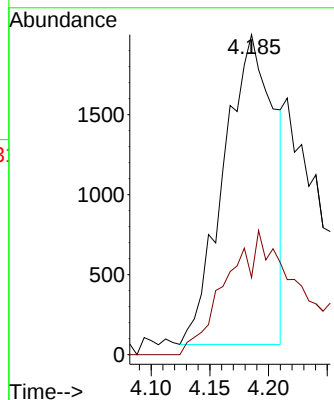
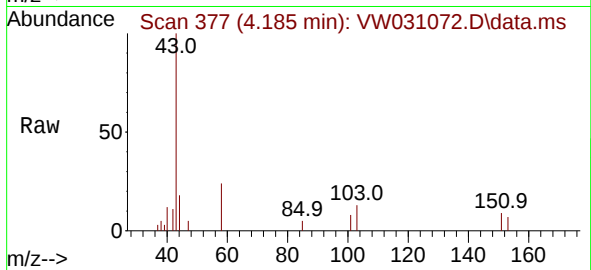




#13
Acetone
Concen: 4.244 ug/L
RT: 4.185 min Scan# 31
Delta R.T. 0.067 min
Lab File: VW031072.D
Acq: 20 Nov 2024 15:42

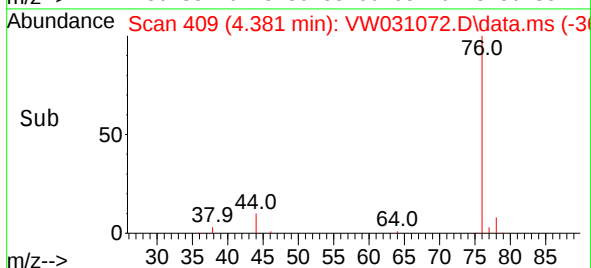
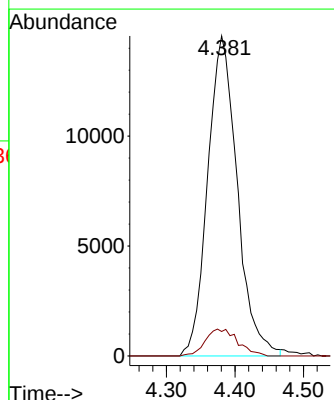
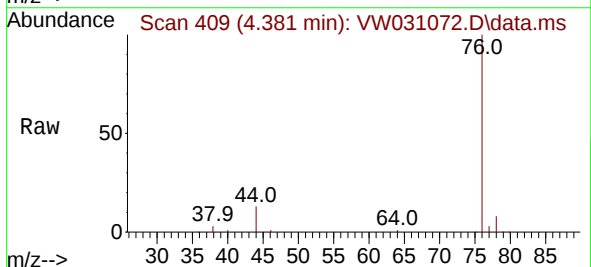
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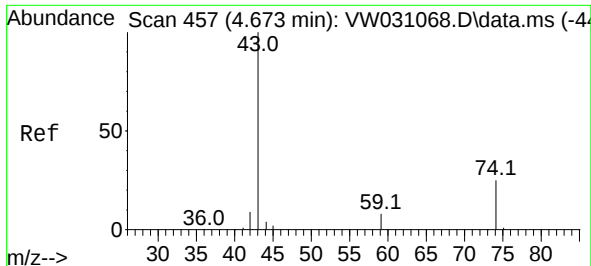
Tgt Ion: 43 Resp: 5800
Ion Ratio Lower Upper
43 100
58 22.5 0.0 67.2



#14
Carbon disulfide
Concen: 2.641 ug/L
RT: 4.381 min Scan# 409
Delta R.T. -0.006 min
Lab File: VW031072.D
Acq: 20 Nov 2024 15:42

Tgt Ion: 76 Resp: 43627
Ion Ratio Lower Upper
76 100
78 7.7 7.4 11.2

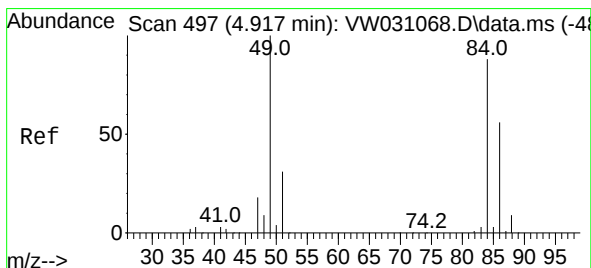
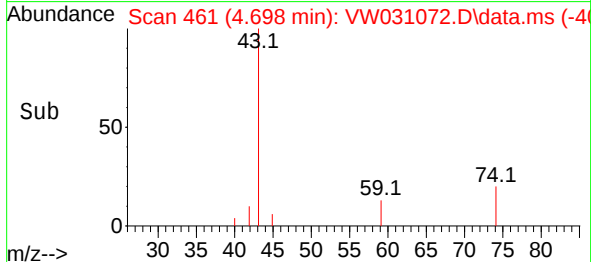
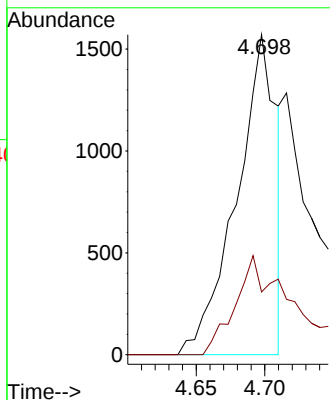
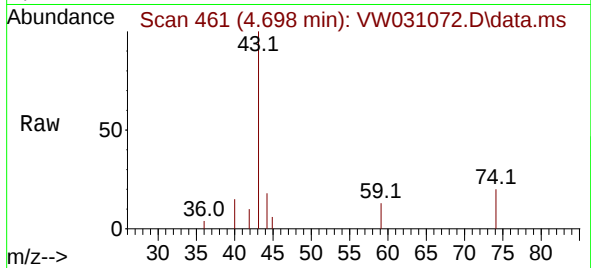




#15
Methyl Acetate
Concen: 1.747 ug/L
RT: 4.698 min Scan# 4
Delta R.T. 0.024 min
Lab File: VW031072.D
Acq: 20 Nov 2024 15:42

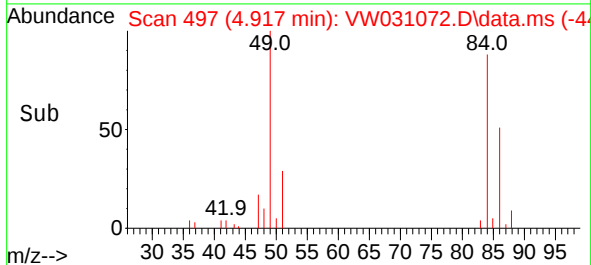
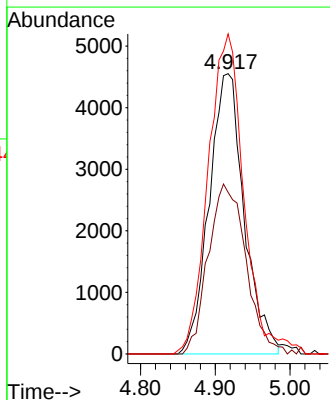
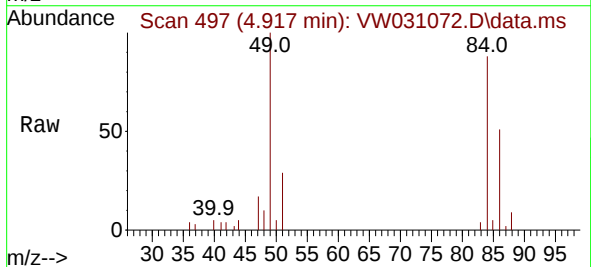
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ClientSampleId :

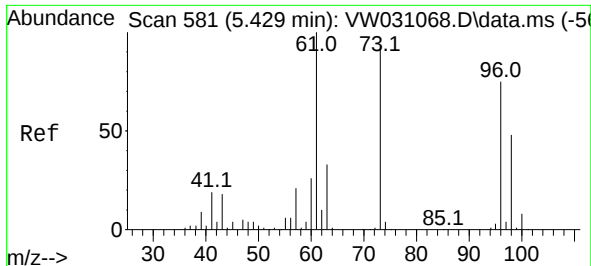
Tgt Ion: 43 Resp: 3171
Ion Ratio Lower Upper
43 100
74 20.4 20.8 31.2#



#16
Methylene chloride
Concen: 2.790 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW031072.D
Acq: 20 Nov 2024 15:42

Tgt Ion: 84 Resp: 14853
Ion Ratio Lower Upper
84 100
86 57.6 44.9 83.5
49 114.1 79.9 148.5

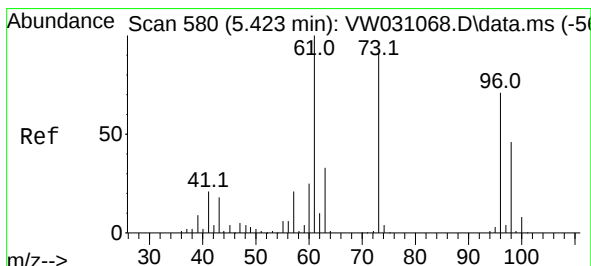
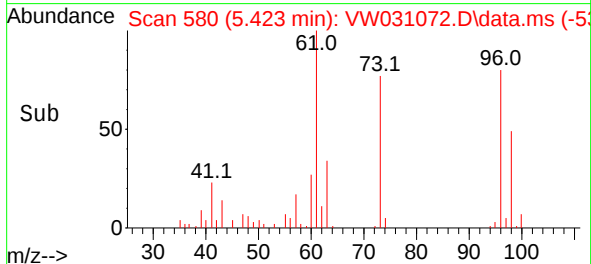
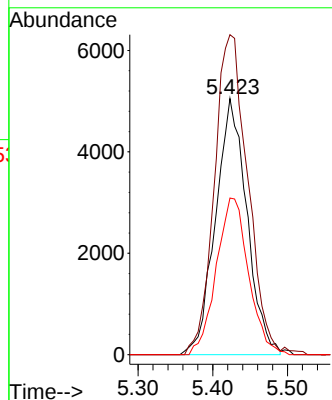
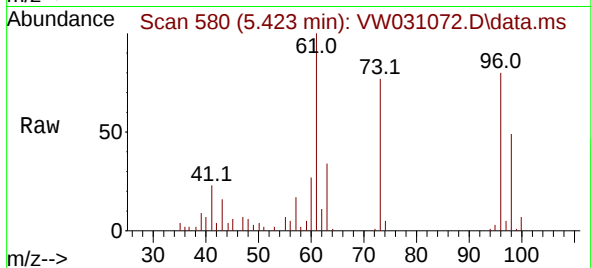




#17
trans-1,2-Dichloroethene
Concen: 2.661 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW031072.D
Acq: 20 Nov 2024 15:42

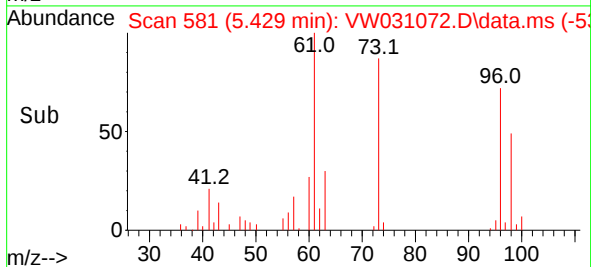
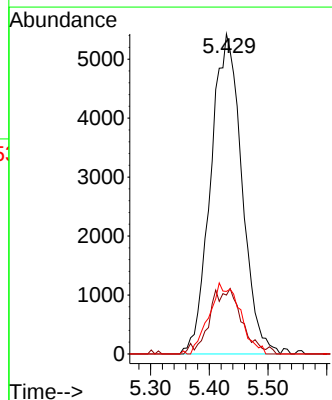
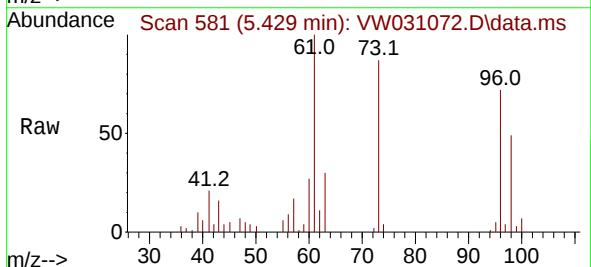
Instrument :
MSVOA_W
ClientSampleId :

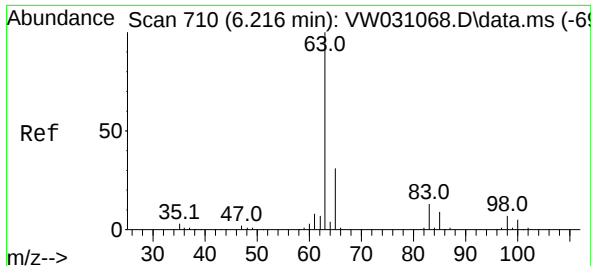
Tgt Ion: 96 Resp: 14711
Ion Ratio Lower Upper
96 100
61 124.9 92.7 172.3
98 61.2 44.4 82.4



#18
Methyl tert-butyl Ether
Concen: 2.510 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW031072.D
Acq: 20 Nov 2024 15:42

Tgt Ion: 73 Resp: 19994
Ion Ratio Lower Upper
73 100
43 6.5 15.4 23.0#
57 12.7 17.6 26.4#





#19

1,1-Dichloroethane

Concen: 2.720 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW031072.D

Acq: 20 Nov 2024 15:42

Instrument :

MSVOA_W

ClientSampleId :

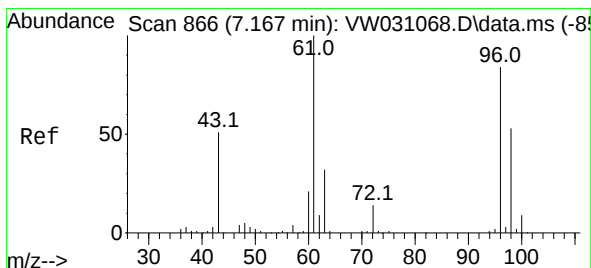
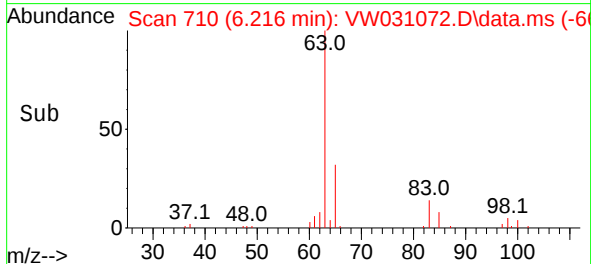
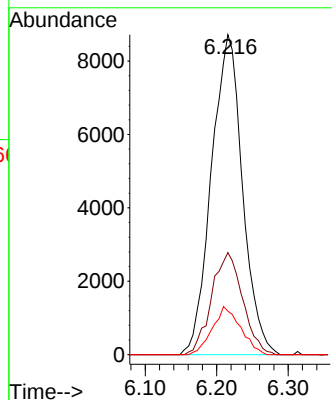
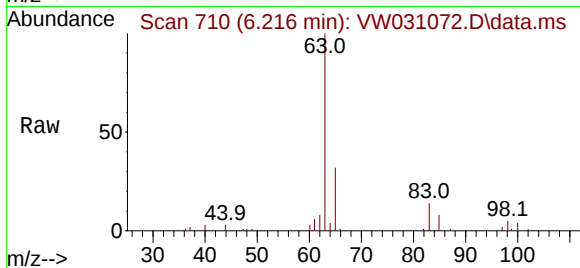
Tgt Ion: 63 Resp: 26352

Ion Ratio Lower Upper

63 100

65 31.9 21.7 40.3

83 13.6 8.9 16.5



#20

cis-1,2-Dichloroethene

Concen: 2.540 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW031072.D

Acq: 20 Nov 2024 15:42

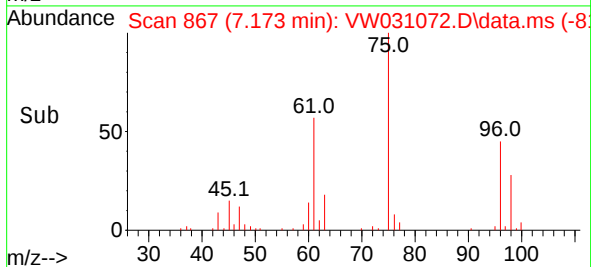
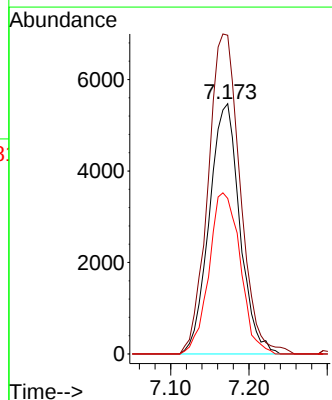
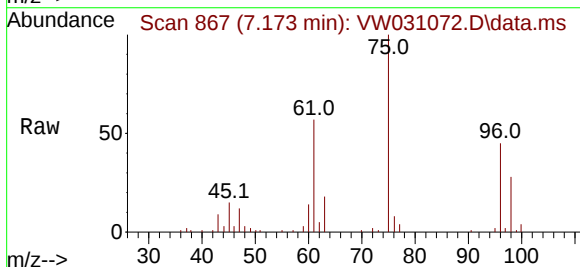
Tgt Ion: 96 Resp: 14814

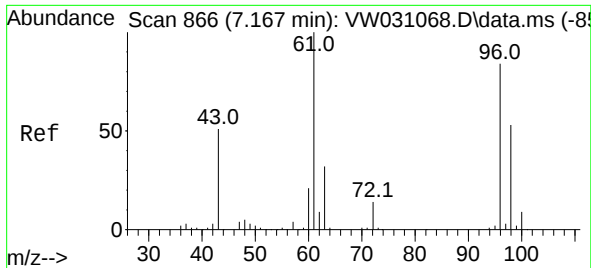
Ion Ratio Lower Upper

96 100

61 127.3 83.7 155.5

98 62.2 43.9 81.5

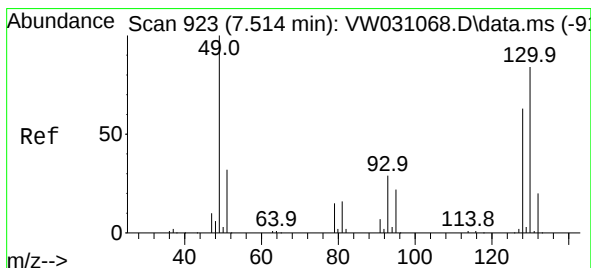
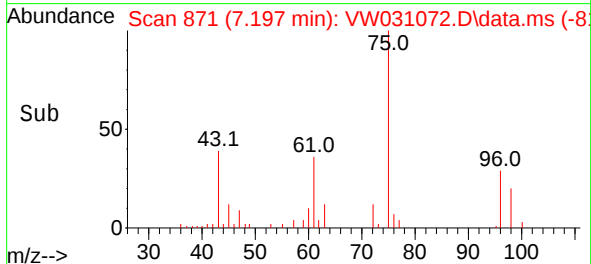
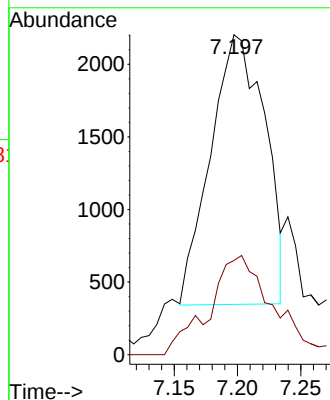
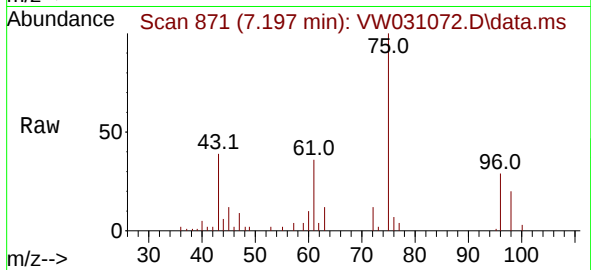




#22
2-Butanone
Concen: 3.312 ug/L
RT: 7.197 min Scan# 81
Delta R.T. 0.030 min
Lab File: VW031072.D
Acq: 20 Nov 2024 15:42

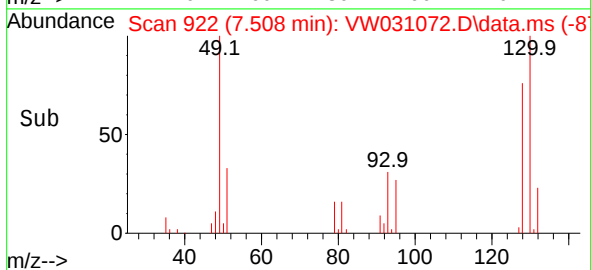
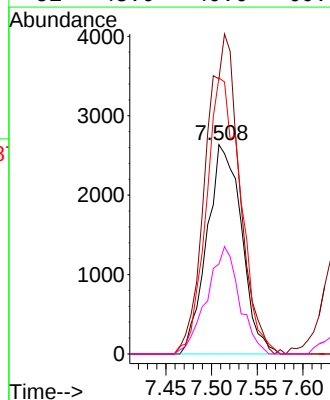
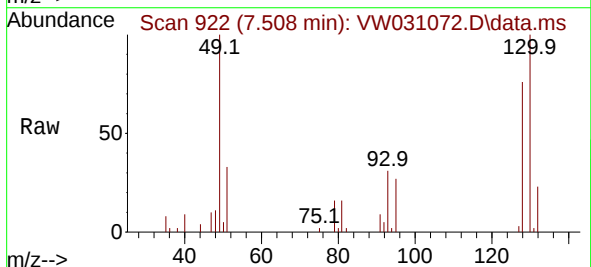
Instrument :
MSVOA_W
ClientSampleId :

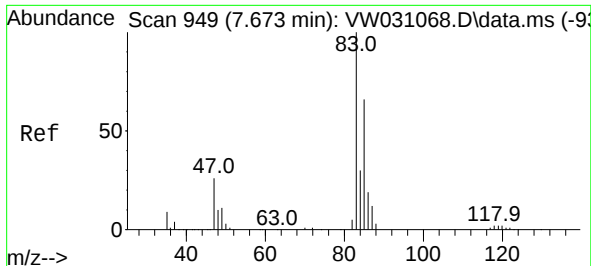
Tgt Ion: 43 Resp: 5550
Ion Ratio Lower Upper
43 100
72 36.1 14.9 44.7



#23
Bromochloromethane
Concen: 2.660 ug/L
RT: 7.508 min Scan# 922
Delta R.T. -0.006 min
Lab File: VW031072.D
Acq: 20 Nov 2024 15:42

Tgt Ion: 128 Resp: 6951
Ion Ratio Lower Upper
128 100
49 131.4 110.9 206.1
130 131.8 93.7 173.9
51 43.0 40.6 60.8





#25

Chloroform

Concen: 2.705 ug/L

RT: 7.673 min Scan# 949

Delta R.T. -0.000 min

Lab File: VW031072.D

Acq: 20 Nov 2024 15:42

Instrument :

MSVOA_W

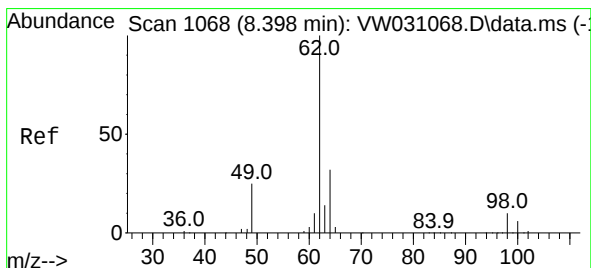
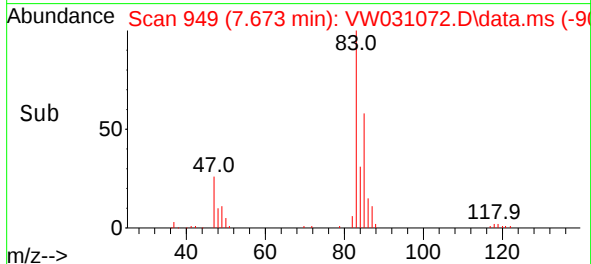
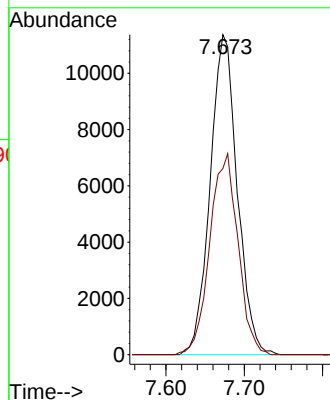
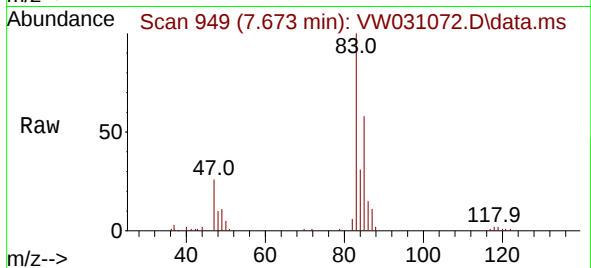
ClientSampleId :

Tgt Ion: 83 Resp: 27385

Ion Ratio Lower Upper

83 100

85 58.2 46.5 86.3



#27

1,2-Dichloroethane

Concen: 2.634 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW031072.D

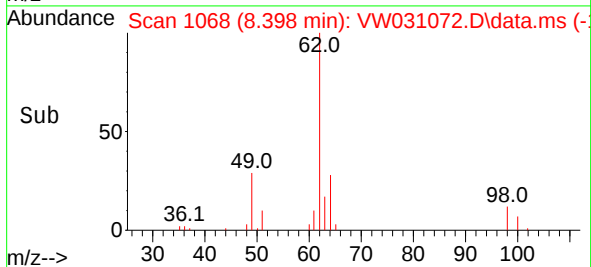
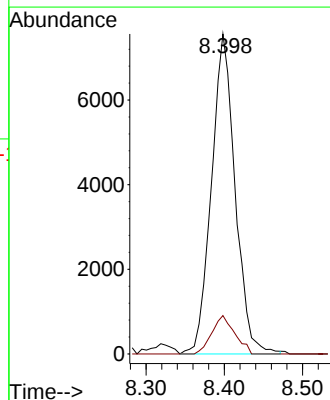
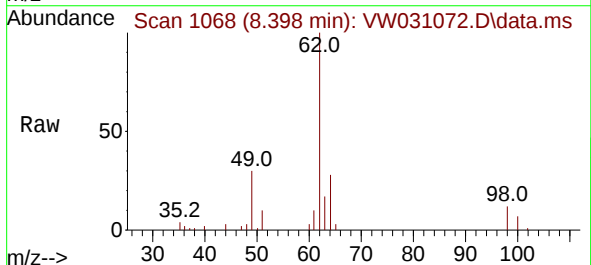
Acq: 20 Nov 2024 15:42

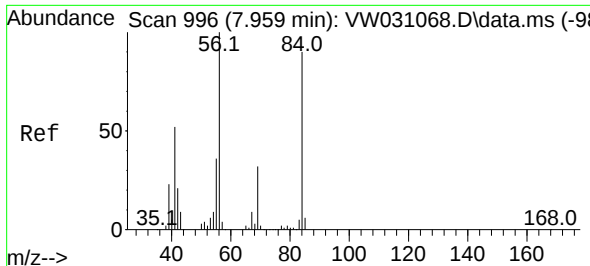
Tgt Ion: 62 Resp: 15894

Ion Ratio Lower Upper

62 100

98 12.0 7.7 11.5#





#29

Cyclohexane

Concen: 2.361 ug/L

RT: 7.953 min Scan# 996

Delta R.T. -0.006 min

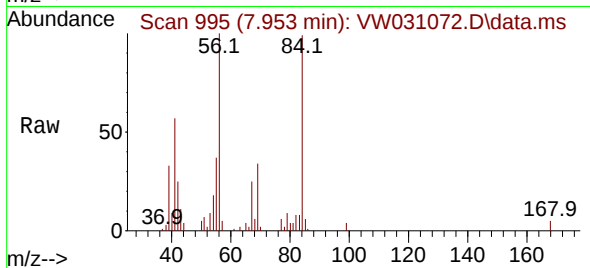
Lab File: VW031072.D

Acq: 20 Nov 2024 15:42

Instrument :

MSVOA_W

ClientSampleId :



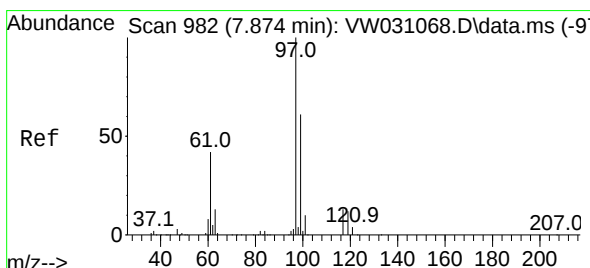
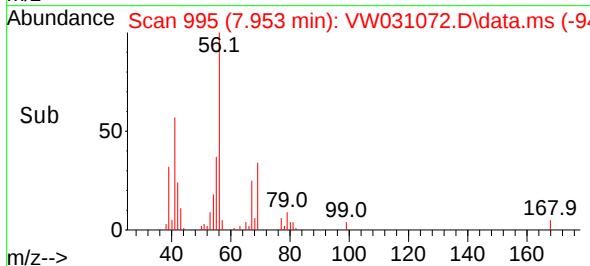
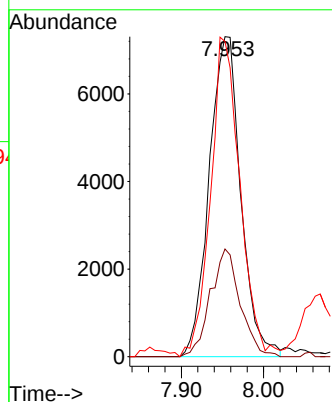
Tgt Ion: 56 Resp: 19496

Ion Ratio Lower Upper

56 100

69 31.7 25.4 38.2

84 91.8 71.1 106.7



#30

1,1,1-Trichloroethane

Concen: 2.657 ug/L

RT: 7.868 min Scan# 981

Delta R.T. -0.006 min

Lab File: VW031072.D

Acq: 20 Nov 2024 15:42

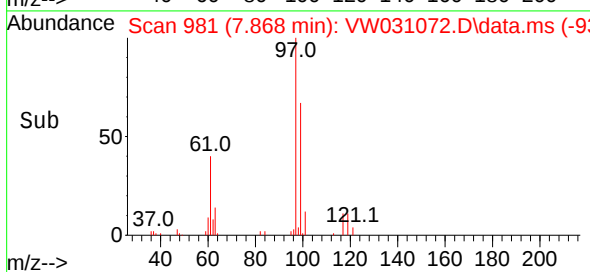
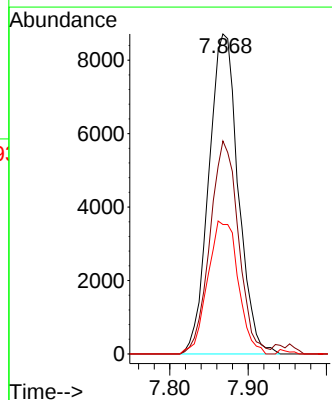
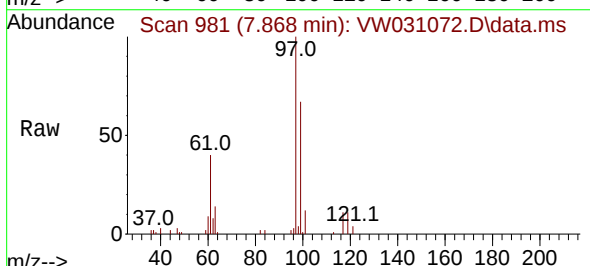
Tgt Ion: 97 Resp: 22754

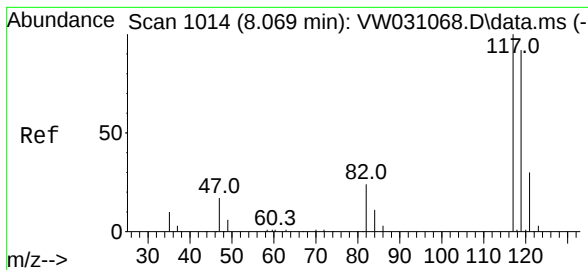
Ion Ratio Lower Upper

97 100

99 64.8 51.6 77.4

61 43.1 33.8 50.6

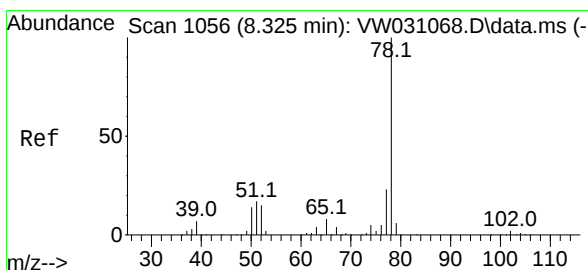
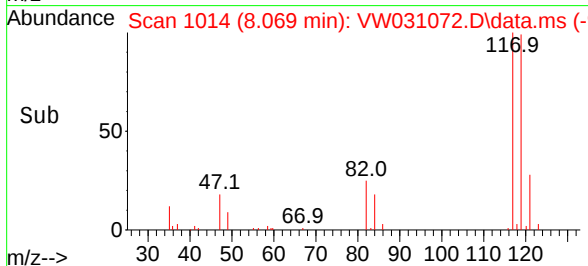
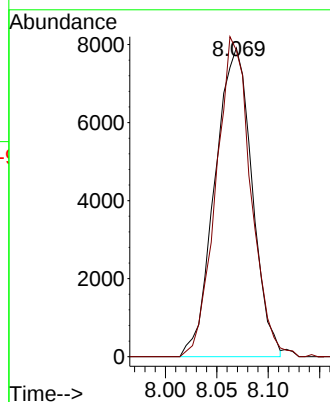
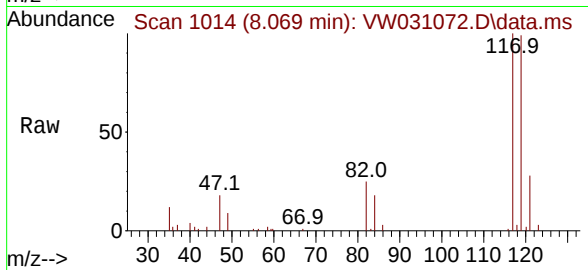




#31
Carbon tetrachloride
Concen: 2.554 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW031072.D
Acq: 20 Nov 2024 15:42

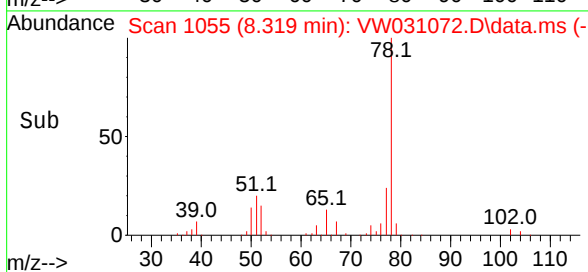
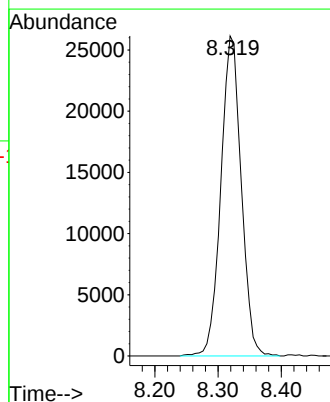
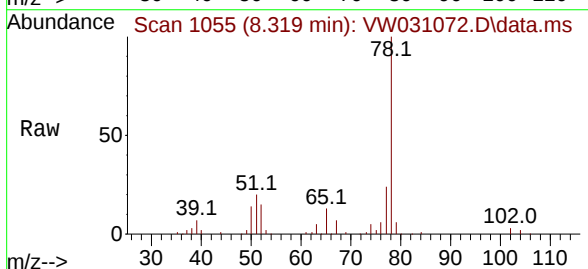
Instrument :
MSVOA_W
ClientSampleId :

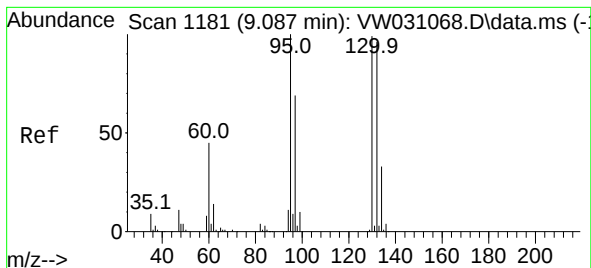
Tgt Ion:117 Resp: 19892
Ion Ratio Lower Upper
117 100
119 97.0 75.8 113.8



#33
Benzene
Concen: 2.584 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VW031072.D
Acq: 20 Nov 2024 15:42

Tgt Ion: 78 Resp: 58410





#34

Trichloroethene

Concen: 2.653 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.000 min

Lab File: VW031072.D

Acq: 20 Nov 2024 15:42

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 16244

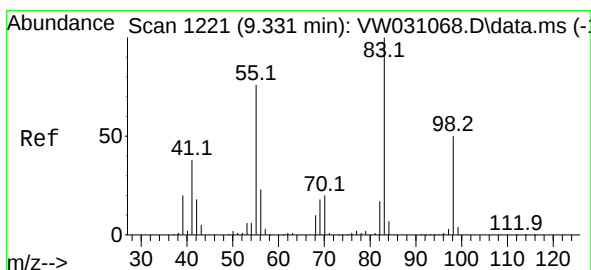
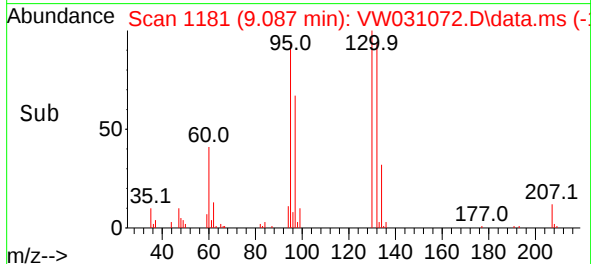
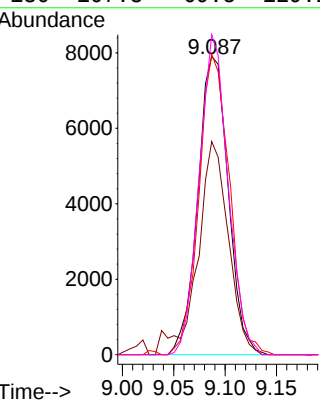
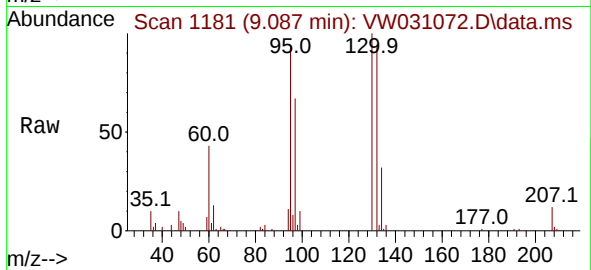
Ion Ratio Lower Upper

95 100

97 71.5 48.0 89.2

132 100.7 67.4 125.2

130 107.3 69.5 129.1



#35

Methylcyclohexane

Concen: 2.449 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.000 min

Lab File: VW031072.D

Acq: 20 Nov 2024 15:42

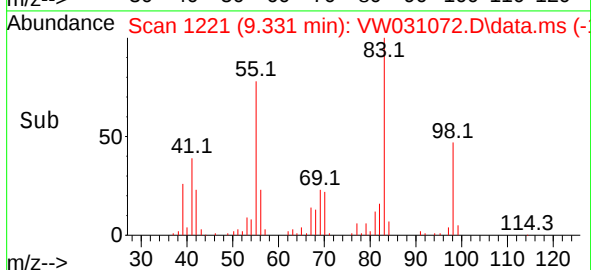
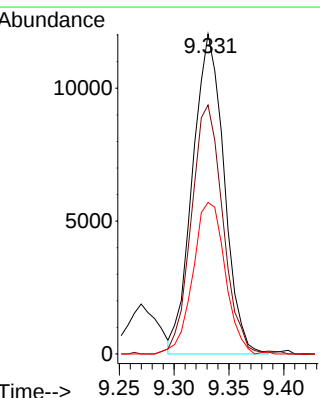
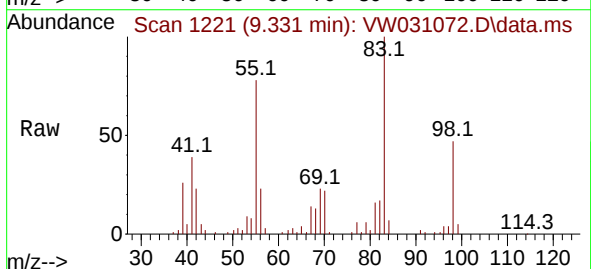
Tgt Ion: 83 Resp: 24097

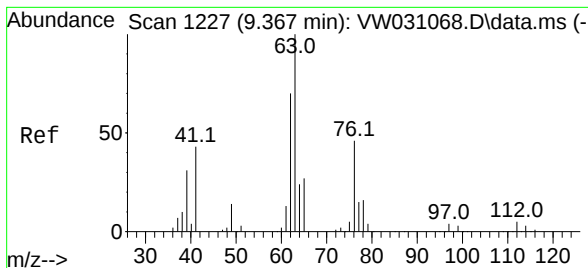
Ion Ratio Lower Upper

83 100

55 77.7 59.5 89.3

98 48.4 38.7 58.1





#37

1,2-Dichloropropane

Concen: 2.628 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW031072.D

Acq: 20 Nov 2024 15:42

Instrument :

MSVOA_W

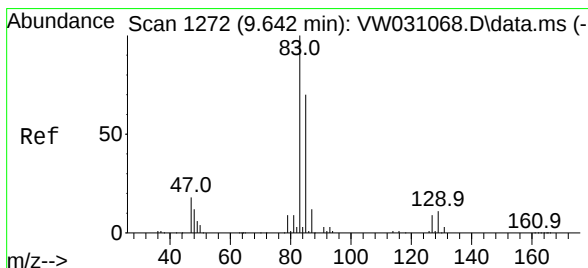
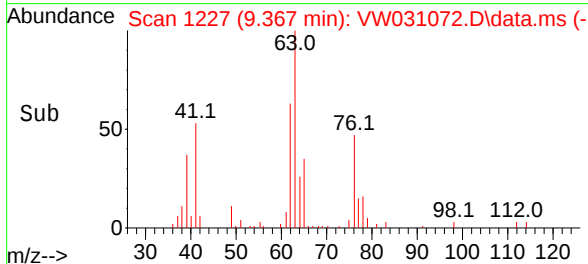
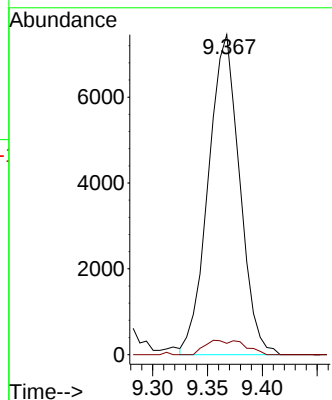
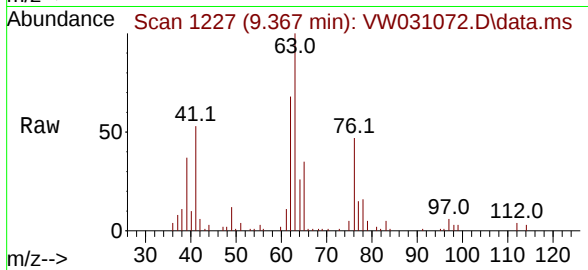
ClientSampleId :

Tgt Ion: 63 Resp: 14809

Ion Ratio Lower Upper

63 100

112 2.5 3.9 5.9#



#38

Bromodichloromethane

Concen: 2.559 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW031072.D

Acq: 20 Nov 2024 15:42

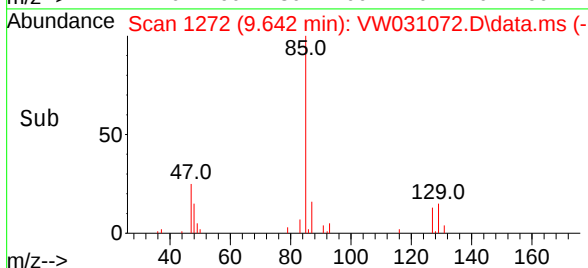
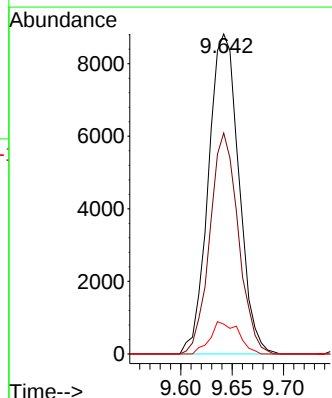
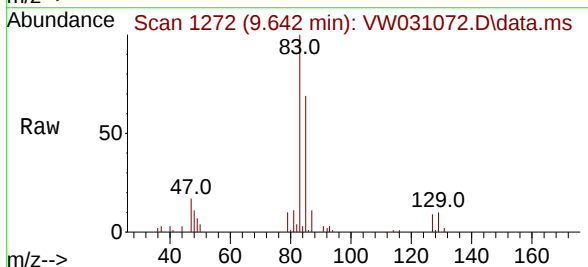
Tgt Ion: 83 Resp: 18152

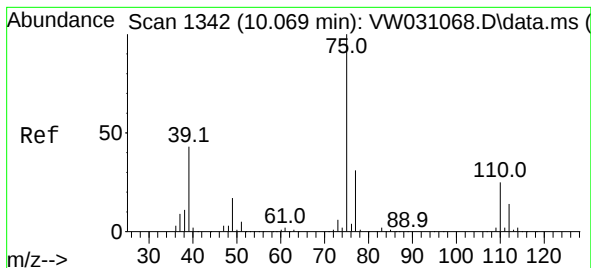
Ion Ratio Lower Upper

83 100

85 69.0 48.7 90.5

127 9.3 7.2 10.8

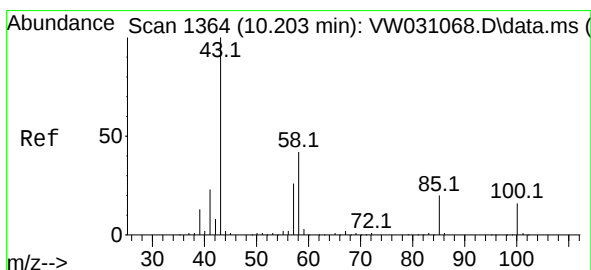
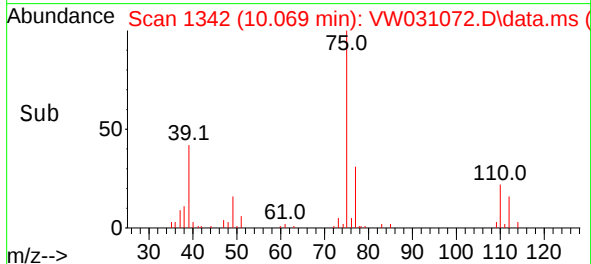
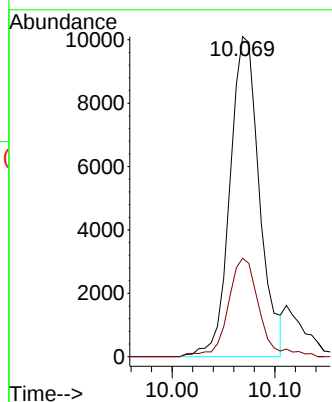
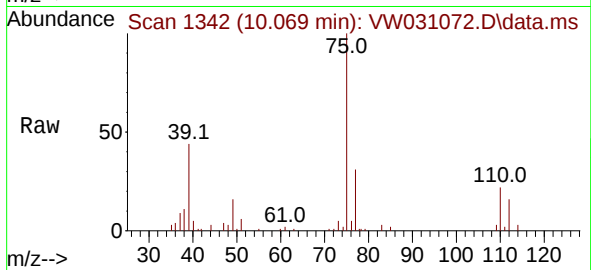




#39
 cis-1,3-Dichloropropene
 Concen: 2.376 ug/L
 RT: 10.069 min Scan# 1342
 Delta R.T. -0.000 min
 Lab File: VW031072.D
 Acq: 20 Nov 2024 15:42

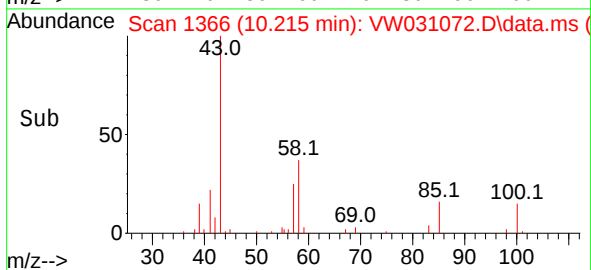
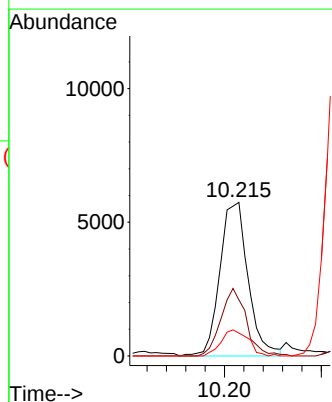
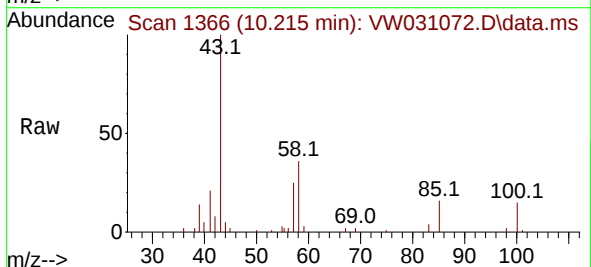
Instrument :
 MSVOA_W
 ClientSampleId :

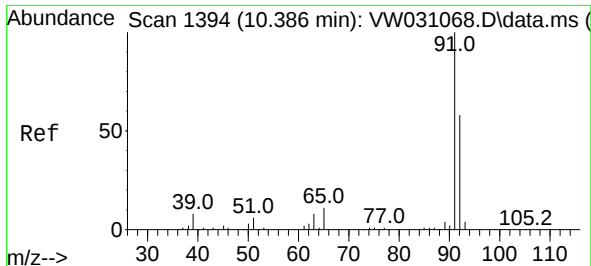
Tgt Ion: 75 Resp: 20184
 Ion Ratio Lower Upper
 75 100
 77 30.7 21.6 40.2



#40
 4-Methyl-2-pentanone
 Concen: 4.386 ug/L
 RT: 10.215 min Scan# 1366
 Delta R.T. 0.012 min
 Lab File: VW031072.D
 Acq: 20 Nov 2024 15:42

Tgt Ion: 43 Resp: 11631
 Ion Ratio Lower Upper
 43 100
 58 39.5 33.7 50.5
 100 16.3 14.2 21.2

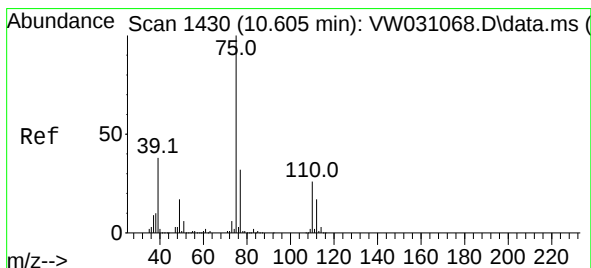
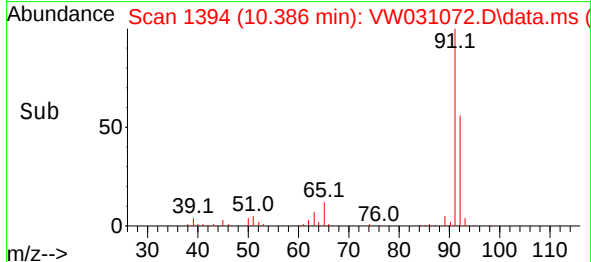
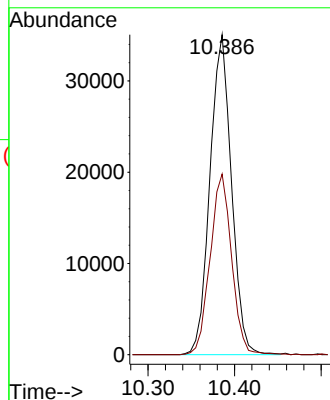
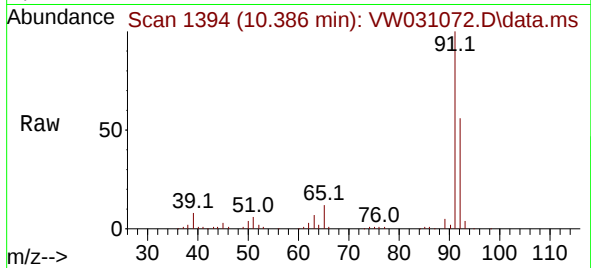




#42
Toluene
Concen: 2.534 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW031072.D
Acq: 20 Nov 2024 15:42

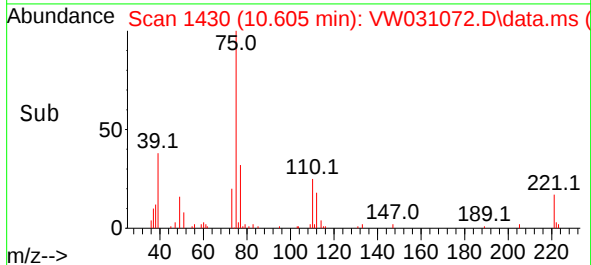
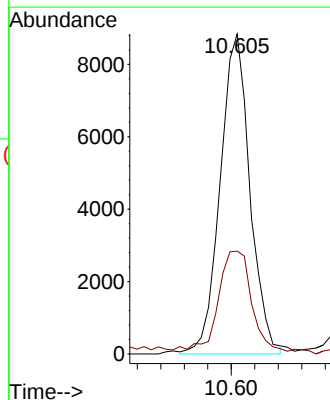
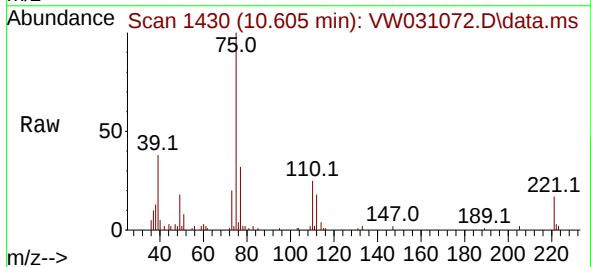
Instrument :
MSVOA_W
ClientSampleId :

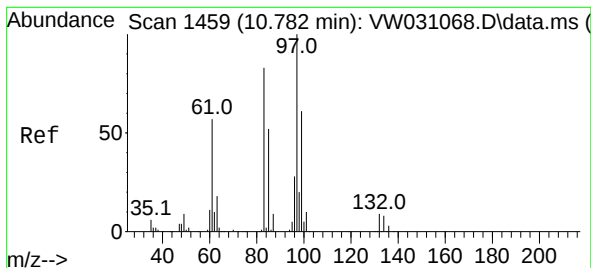
Tgt Ion: 91 Resp: 60481
Ion Ratio Lower Upper
91 100
92 56.5 40.8 75.8



#44
trans-1,3-Dichloropropene
Concen: 2.264 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW031072.D
Acq: 20 Nov 2024 15:42

Tgt Ion: 75 Resp: 15528
Ion Ratio Lower Upper
75 100
77 32.2 22.1 41.1





#45

1,1,2-Trichloroethane

Concen: 2.490 ug/L

RT: 10.788 min Scan# 1459

Delta R.T. 0.006 min

Lab File: VW031072.D

Acq: 20 Nov 2024 15:42

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 10206

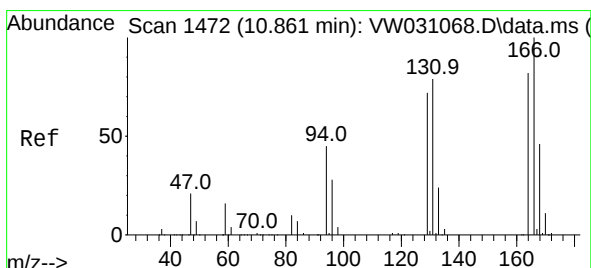
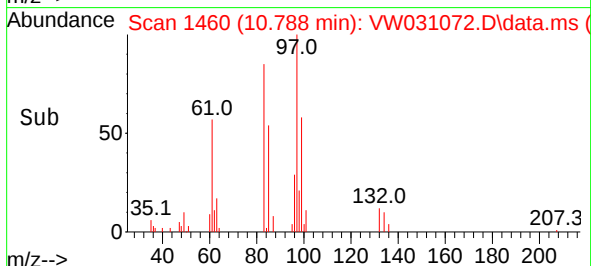
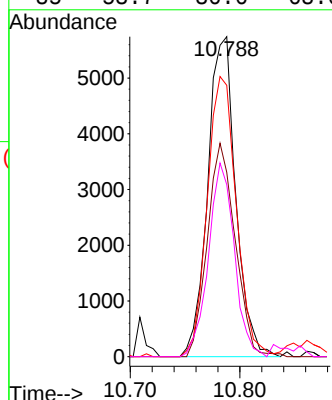
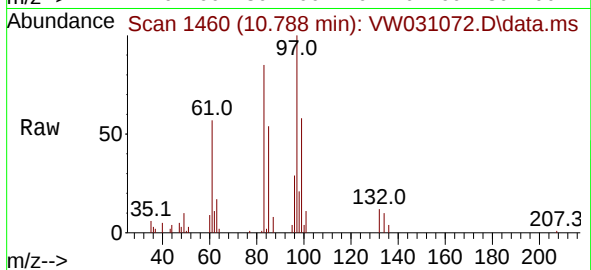
Ion Ratio Lower Upper

97 100

99 57.6 42.4 78.8

83 84.8 57.8 107.4

85 53.7 36.6 68.0



#46

Tetrachloroethene

Concen: 2.770 ug/L

RT: 10.855 min Scan# 1471

Delta R.T. -0.006 min

Lab File: VW031072.D

Acq: 20 Nov 2024 15:42

Tgt Ion:164 Resp: 13563

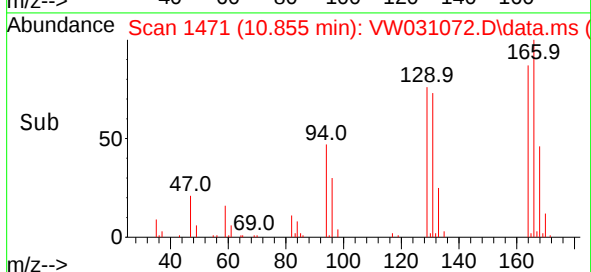
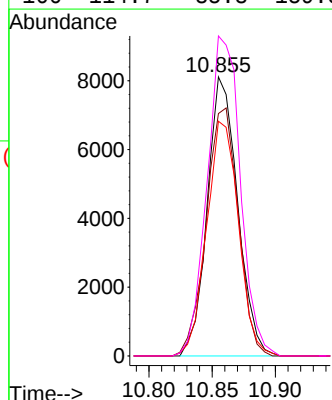
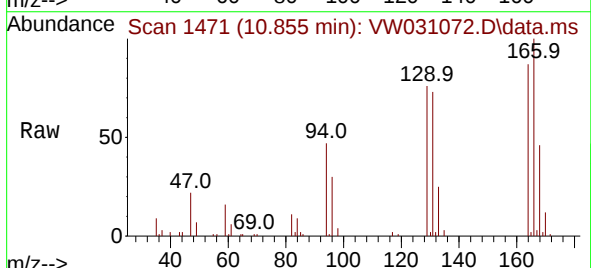
Ion Ratio Lower Upper

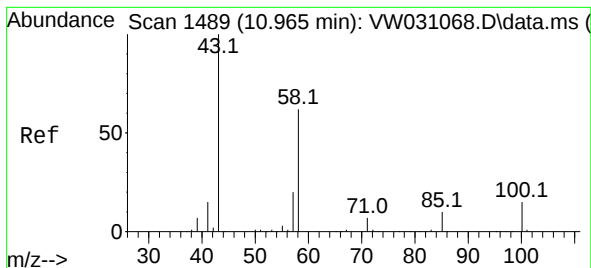
164 100

129 86.9 61.9 114.9

131 84.1 67.9 126.1

166 114.7 85.8 159.3





#48

2-Hexanone

Concen: 3.559 ug/L

RT: 10.971 min Scan# 1489

Delta R.T. 0.006 min

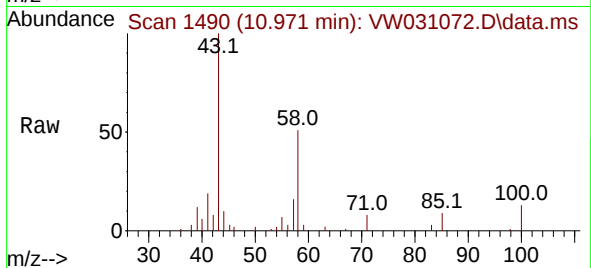
Lab File: VW031072.D

Acq: 20 Nov 2024 15:42

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 7461

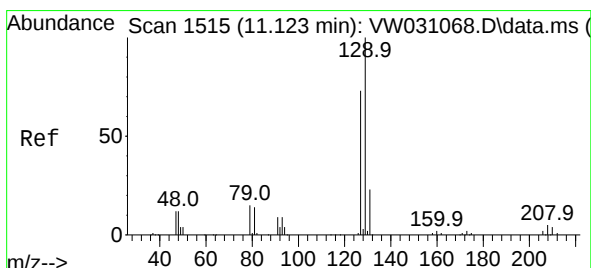
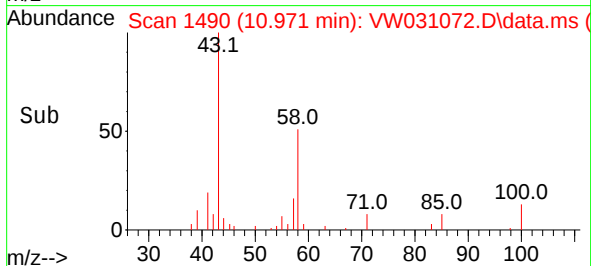
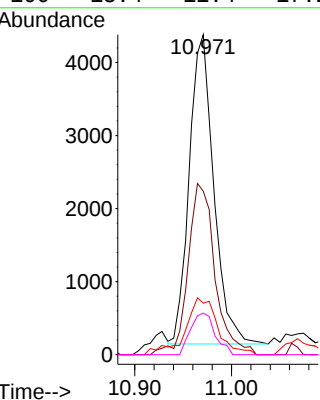
Ion Ratio Lower Upper

43 100

58 59.1 49.8 74.6

57 21.2 16.6 24.8

100 13.4 11.4 17.2



#49

Dibromochloromethane

Concen: 2.524 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. 0.006 min

Lab File: VW031072.D

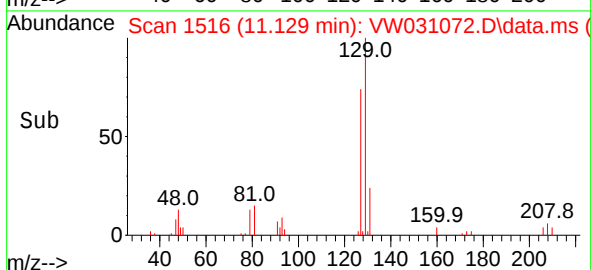
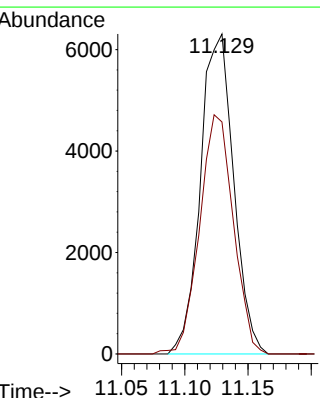
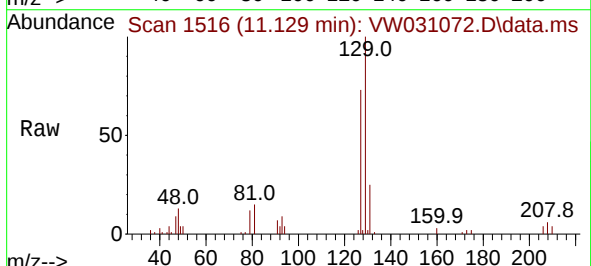
Acq: 20 Nov 2024 15:42

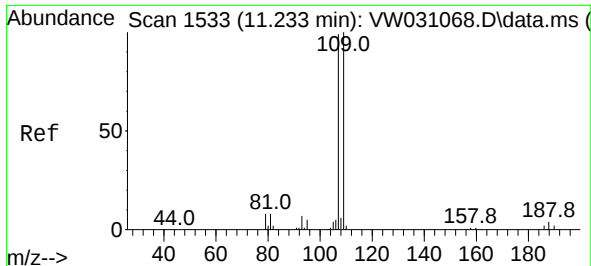
Tgt Ion:129 Resp: 11504

Ion Ratio Lower Upper

129 100

127 72.5 51.4 95.4





#50

1,2-Dibromoethane

Concen: 2.480 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW031072.D

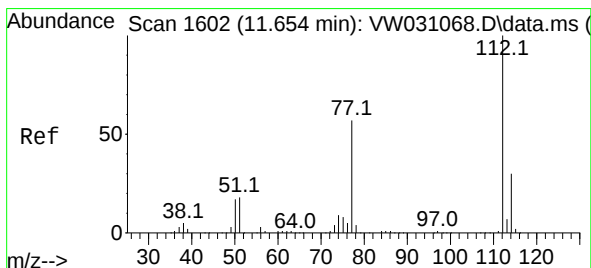
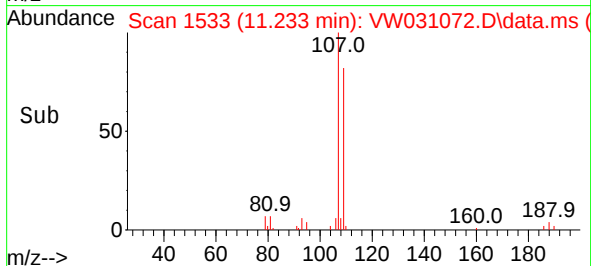
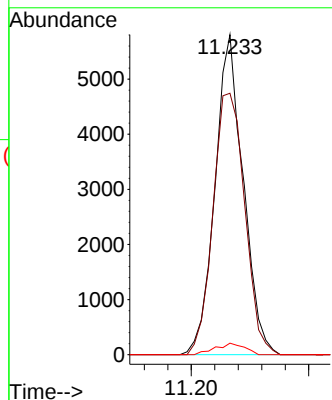
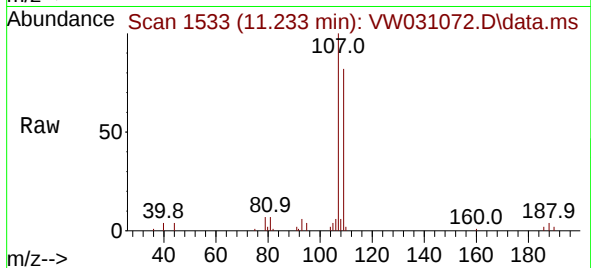
Acq: 20 Nov 2024 15:42

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	9674
Ion	Ratio	Lower	Upper
107	100		
109	81.7	71.0	131.9
188	3.6	3.0	4.4



#51

Chlorobenzene

Concen: 2.653 ug/L

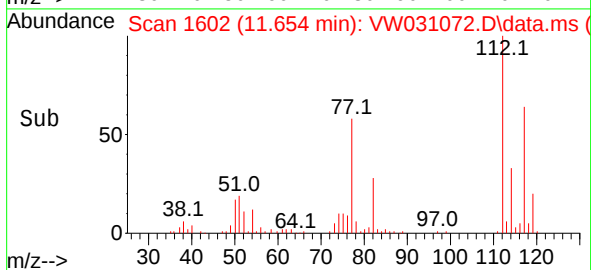
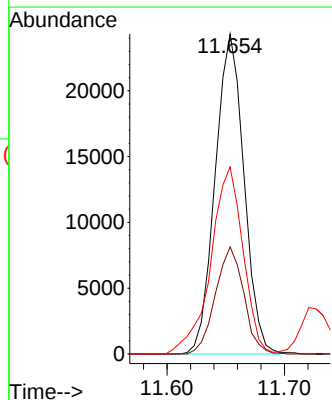
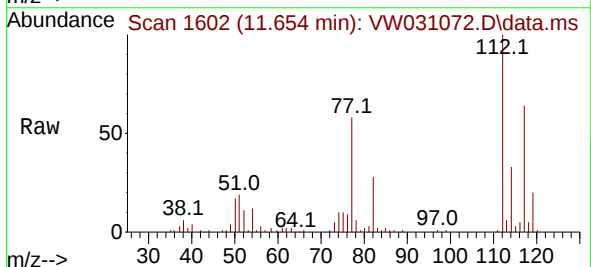
RT: 11.654 min Scan# 1602

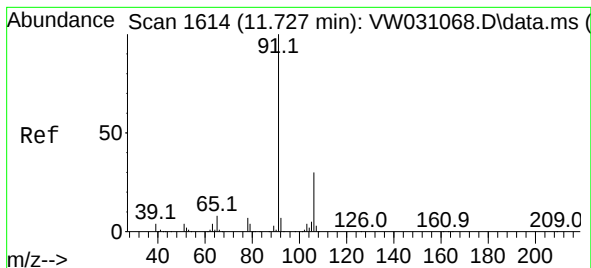
Delta R.T. -0.000 min

Lab File: VW031072.D

Acq: 20 Nov 2024 15:42

Tgt Ion:	112	Resp:	41410
Ion	Ratio	Lower	Upper
112	100		
114	33.4	21.2	39.4
77	58.4	45.4	68.0

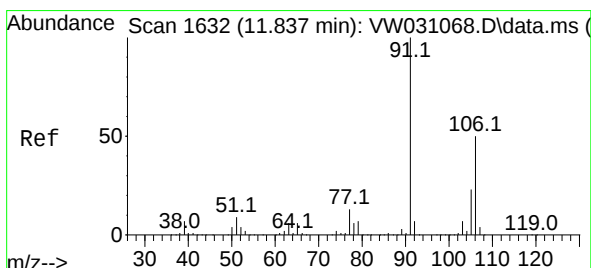
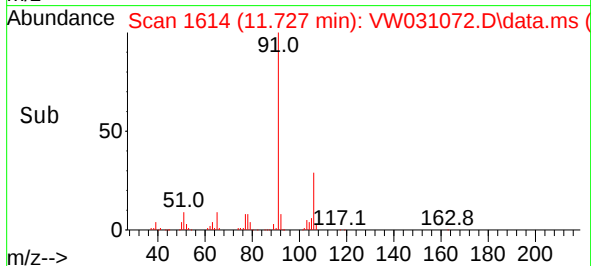
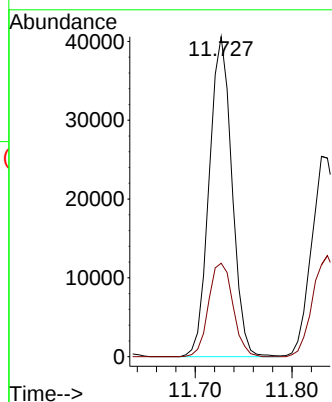
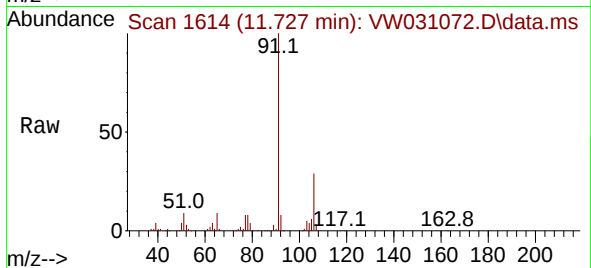




#52
Ethylbenzene
Concen: 2.478 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW031072.D
Acq: 20 Nov 2024 15:42

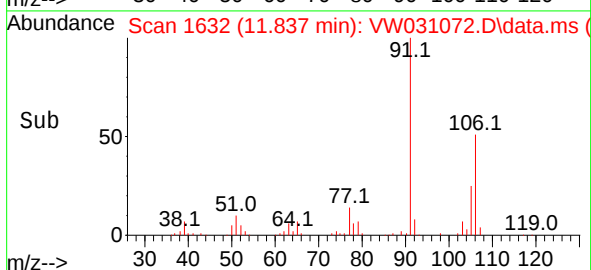
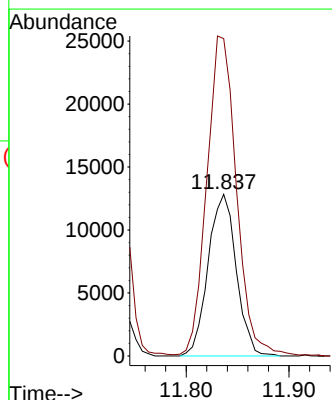
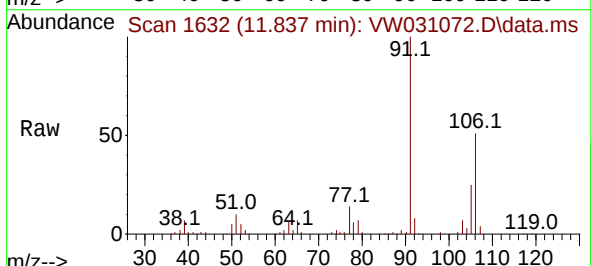
Instrument :
MSVOA_W
ClientSampleId :

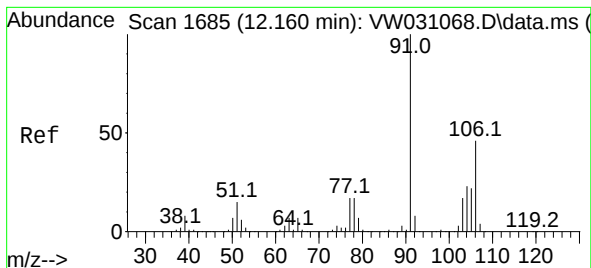
Tgt Ion: 91 Resp: 66308
Ion Ratio Lower Upper
91 100
106 29.2 21.3 39.5



#53
m,p-Xylene
Concen: 2.390 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW031072.D
Acq: 20 Nov 2024 15:42

Tgt Ion: 106 Resp: 24415
Ion Ratio Lower Upper
106 100
91 196.3 140.9 261.7





#54

o-Xylene

Concen: 2.404 ug/L

RT: 12.160 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW031072.D

Acq: 20 Nov 2024 15:42

Instrument :

MSVOA_W

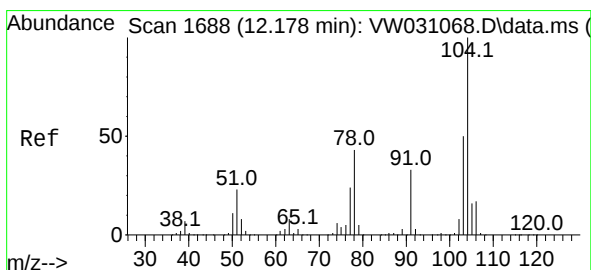
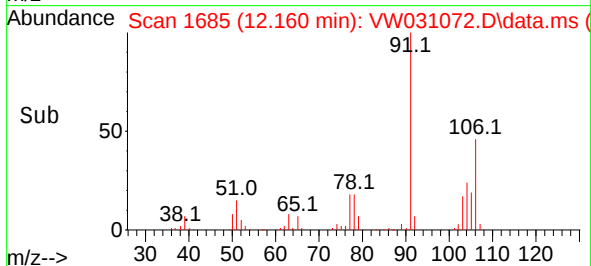
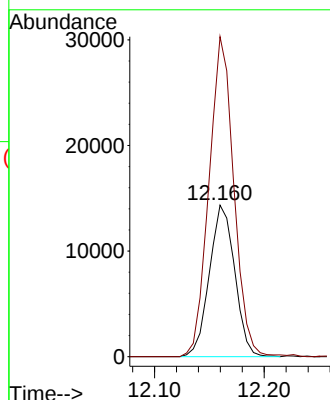
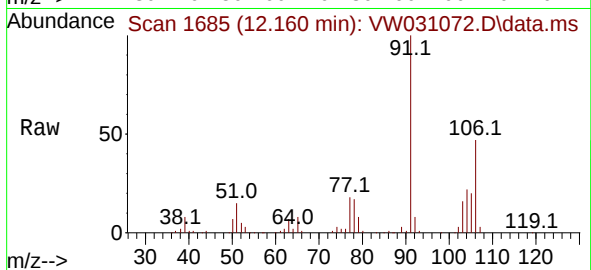
ClientSampleId :

Tgt Ion:106 Resp: 23074

Ion Ratio Lower Upper

106 100

91 211.2 152.7 283.5



#55

Styrene

Concen: 2.311 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW031072.D

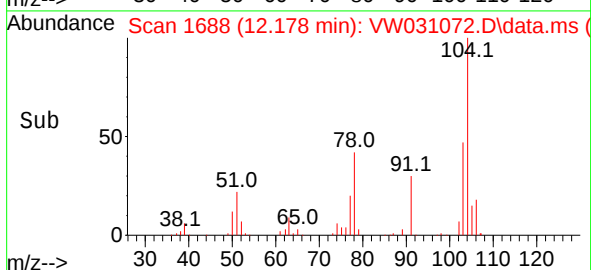
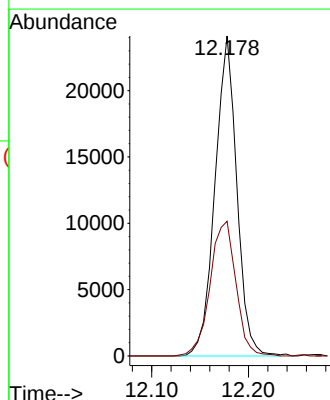
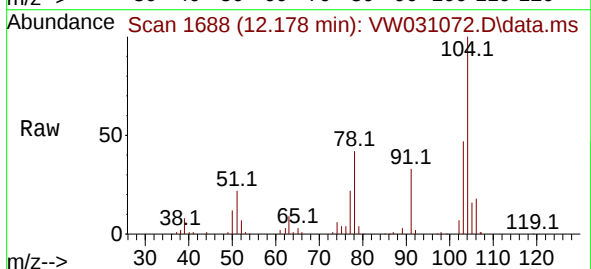
Acq: 20 Nov 2024 15:42

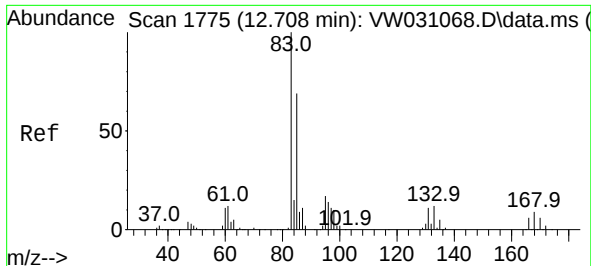
Tgt Ion:104 Resp: 37759

Ion Ratio Lower Upper

104 100

78 42.1 30.2 56.0





#57

1,1,2,2-Tetrachloroethane

Concen: 2.523 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW031072.D

Acq: 20 Nov 2024 15:42

Instrument :

MSVOA_W

ClientSampleId :

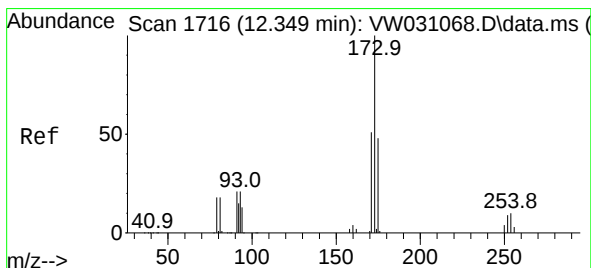
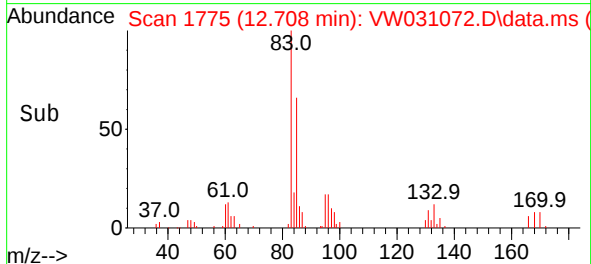
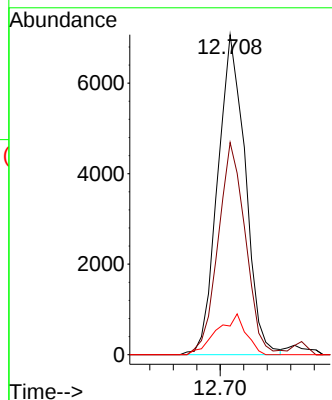
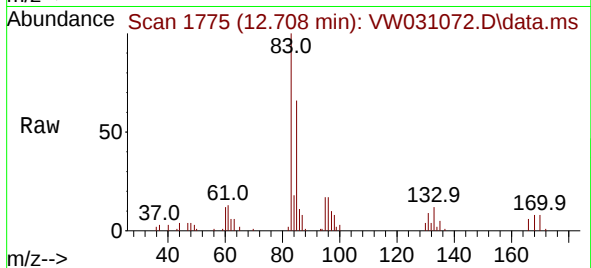
Tgt Ion: 83 Resp: 11534

Ion Ratio Lower Upper

83 100

85 66.3 48.3 89.7

131 9.0 8.9 13.3



#59

Bromoform

Concen: 2.451 ug/L

RT: 12.343 min Scan# 1715

Delta R.T. -0.006 min

Lab File: VW031072.D

Acq: 20 Nov 2024 15:42

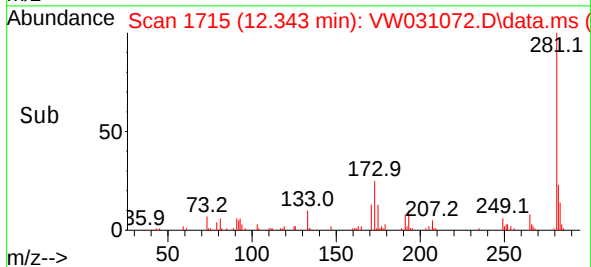
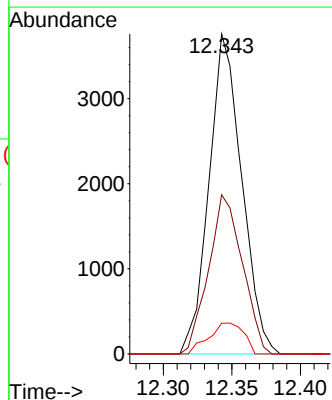
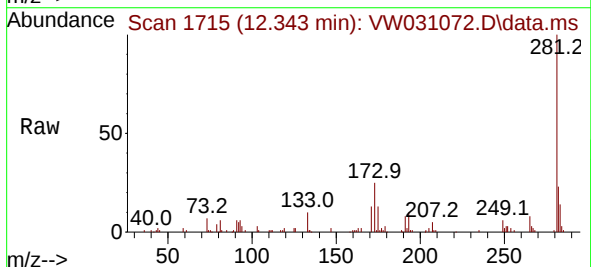
Tgt Ion:173 Resp: 6248

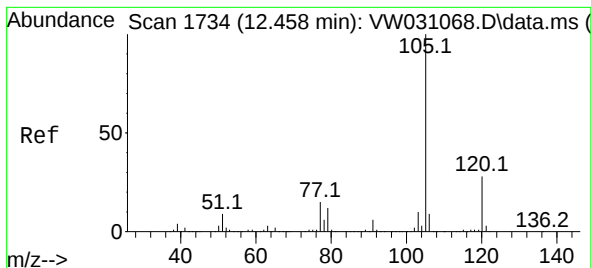
Ion Ratio Lower Upper

173 100

175 51.5 36.6 54.8

254 10.3 7.7 11.5





#60

Isopropylbenzene

Concen: 2.459 ug/L

RT: 12.458 min Scan# 1734

Delta R.T. -0.000 min

Lab File: VW031072.D

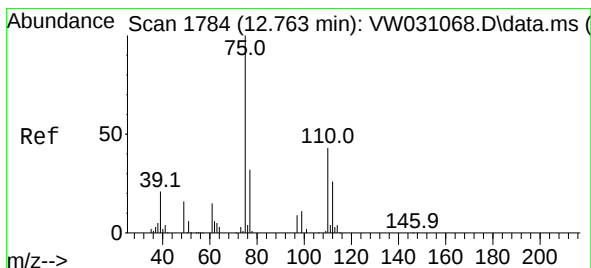
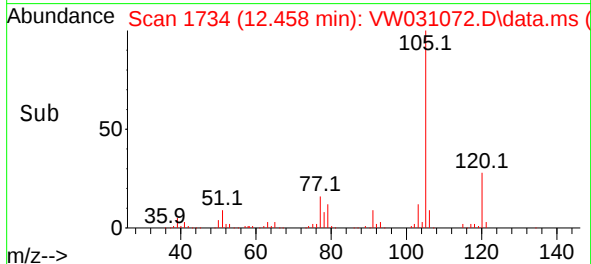
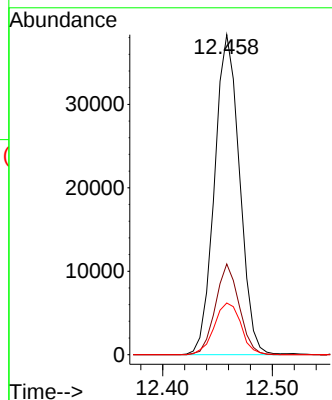
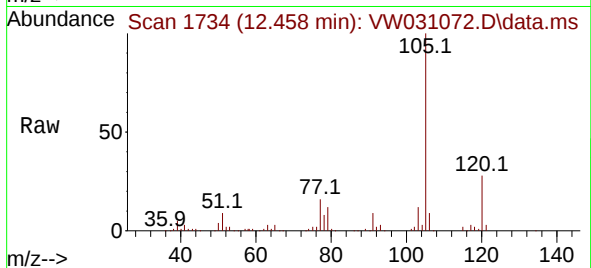
Acq: 20 Nov 2024 15:42

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	105	Resp:	61010
Ion Ratio	Lower	Upper	
105	100		
120	26.7	21.5	32.3
77	17.2	12.3	18.5



#61

1,2,3-Trichloropropane

Concen: 2.615 ug/L

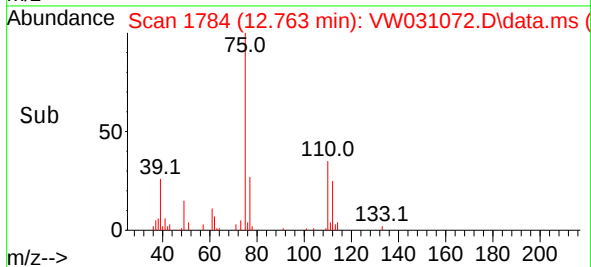
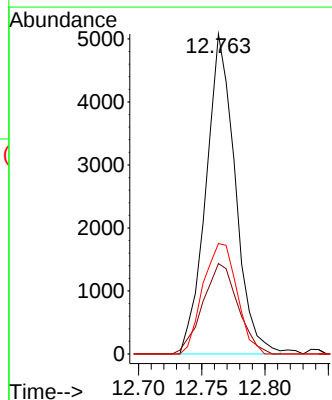
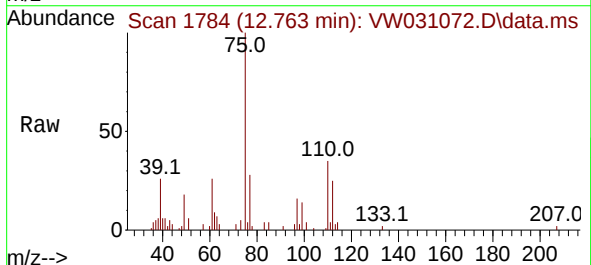
RT: 12.763 min Scan# 1784

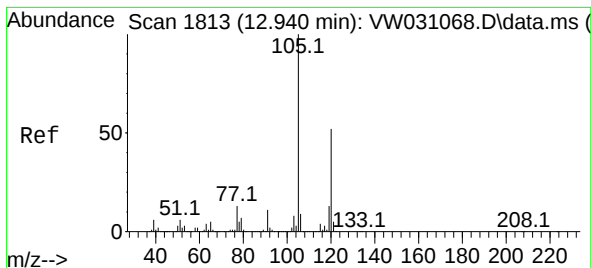
Delta R.T. -0.000 min

Lab File: VW031072.D

Acq: 20 Nov 2024 15:42

Tgt Ion:	75	Resp:	8153
Ion Ratio	Lower	Upper	
75	100		
77	34.0	25.4	38.2
110	40.1	33.1	49.7

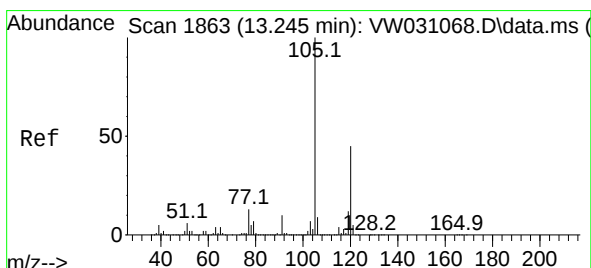
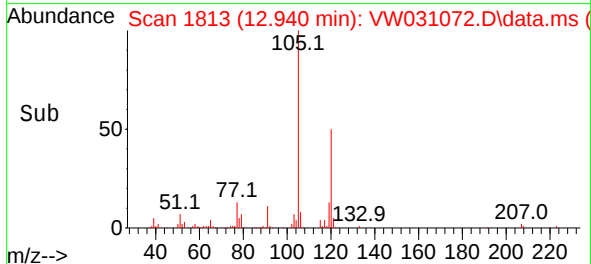
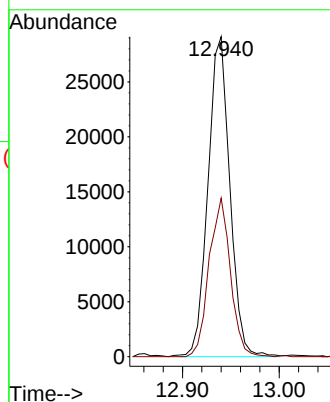
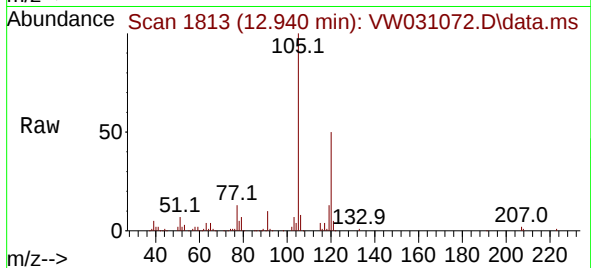




#62
1,3,5-Trimethylbenzene
Concen: 2.340 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW031072.D
Acq: 20 Nov 2024 15:42

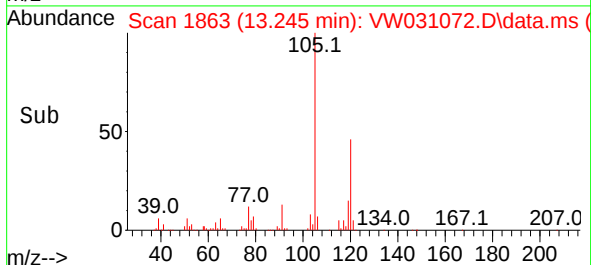
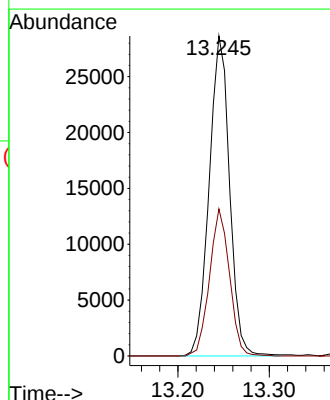
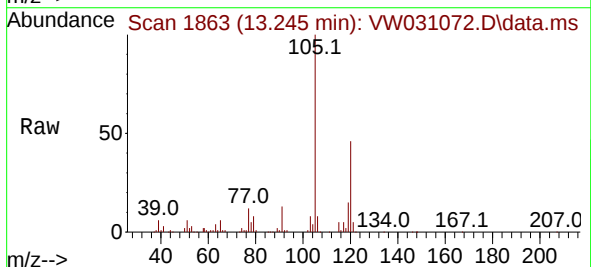
Instrument :
MSVOA_W
ClientSampleId :

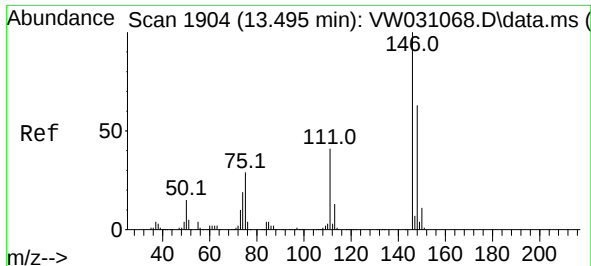
Tgt Ion:105 Resp: 45810
Ion Ratio Lower Upper
105 100
120 48.4 40.5 60.7



#63
1,2,4-Trimethylbenzene
Concen: 2.301 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW031072.D
Acq: 20 Nov 2024 15:42

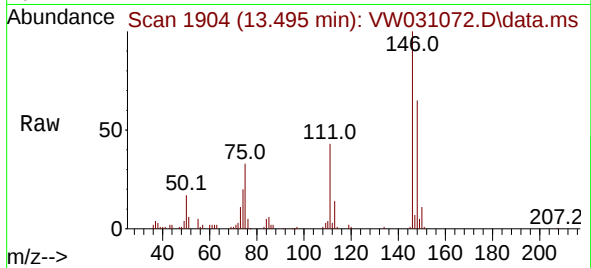
Tgt Ion:105 Resp: 44434
Ion Ratio Lower Upper
105 100
120 44.8 35.4 53.0



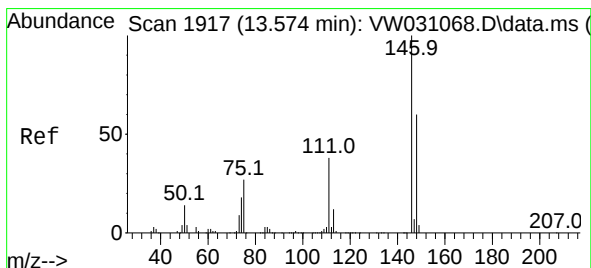
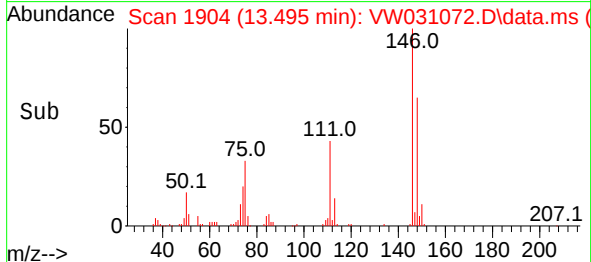
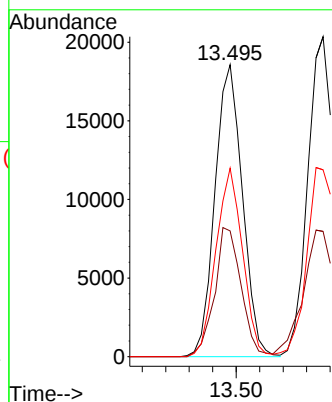


#64
1,3-Dichlorobenzene
Concen: 2.663 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW031072.D
Acq: 20 Nov 2024 15:42

Instrument :
MSVOA_W
ClientSampleId :

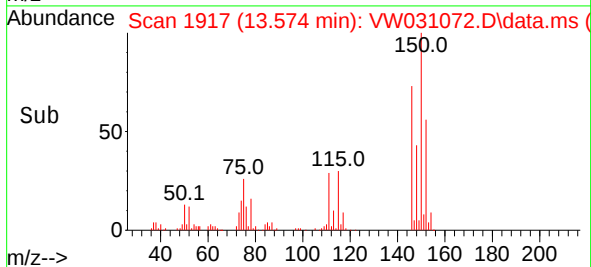
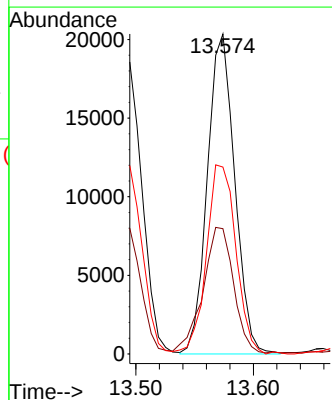
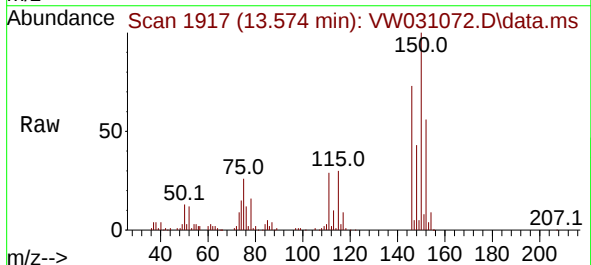


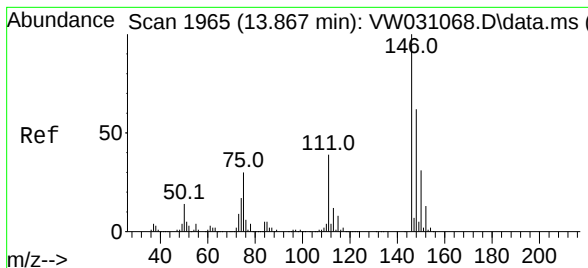
Tgt Ion:146 Resp: 30137
Ion Ratio Lower Upper
146 100
111 43.1 28.5 52.9
148 64.6 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 2.799 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW031072.D
Acq: 20 Nov 2024 15:42

Tgt Ion:146 Resp: 32964
Ion Ratio Lower Upper
146 100
111 39.2 26.6 49.4
148 58.4 42.1 78.1





#67

1,2-Dichlorobenzene

Concen: 2.642 ug/L

RT: 13.861 min Scan# 1965

Delta R.T. -0.006 min

Lab File: VW031072.D

Acq: 20 Nov 2024 15:42

Instrument :

MSVOA_W

ClientSampleId :

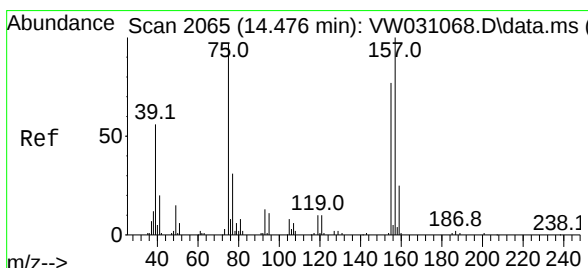
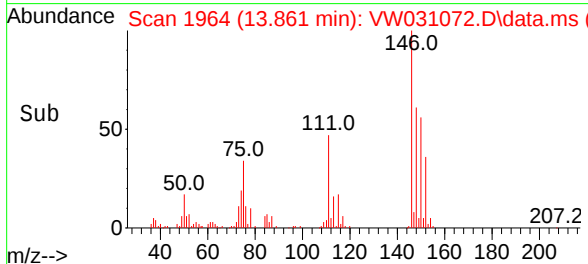
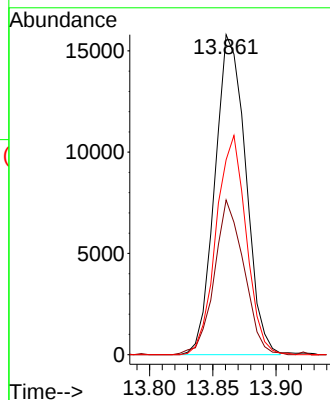
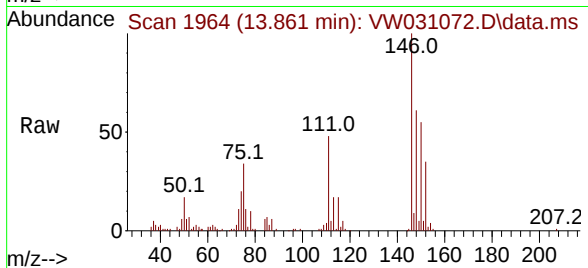
Tgt Ion:146 Resp: 26797

Ion Ratio Lower Upper

146 100

111 48.3 30.9 46.3#

148 60.9 50.0 75.0



#68

1,2-Dibromo-3-chloropropane

Concen: 2.637 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW031072.D

Acq: 20 Nov 2024 15:42

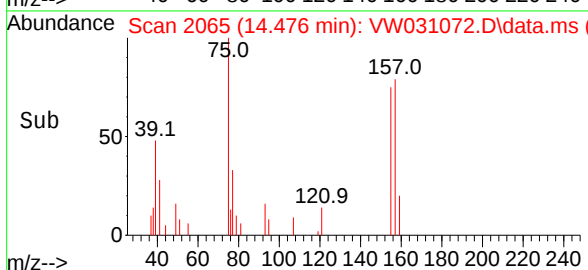
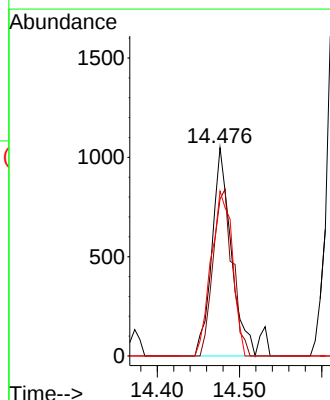
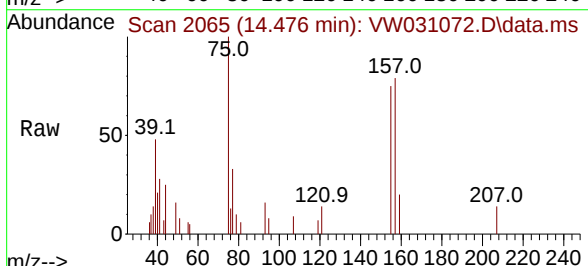
Tgt Ion: 75 Resp: 1797

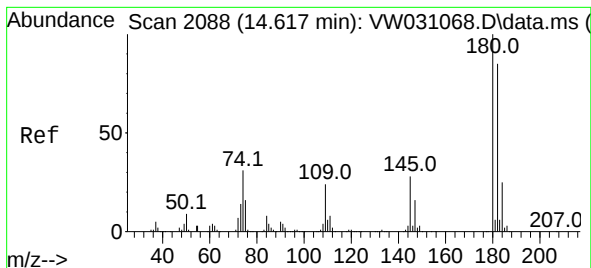
Ion Ratio Lower Upper

75 100

155 75.3 63.1 94.7

157 79.1 82.1 123.1#





#69

1,3,5-Trichlorobenzene

Concen: 2.722 ug/L

RT: 14.623 min Scan# 21056

Delta R.T. 0.006 min

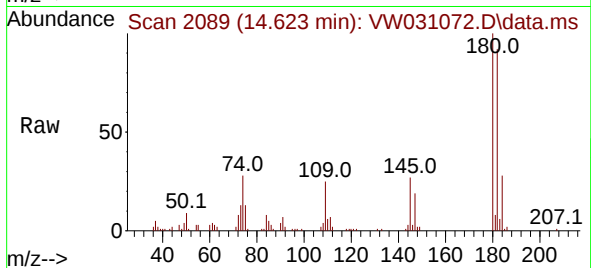
Lab File: VW031072.D

Acq: 20 Nov 2024 15:42

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 21056

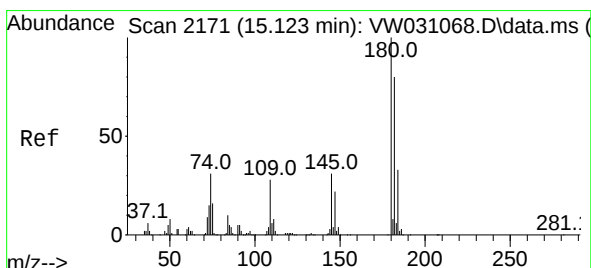
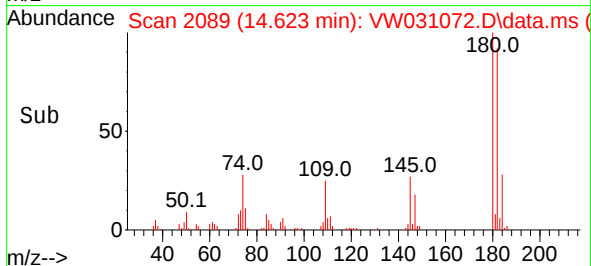
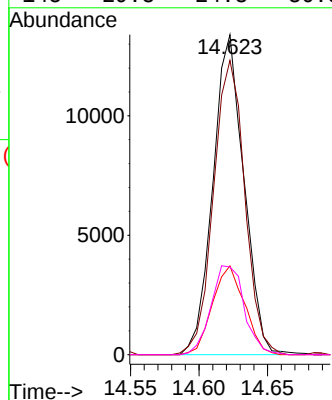
Ion Ratio Lower Upper

180 100

182 93.0 78.2 117.2

184 28.8 24.0 36.0

145 29.8 24.3 36.5



#70

1,2,4-trichlorobenzene

Concen: 2.544 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW031072.D

Acq: 20 Nov 2024 15:42

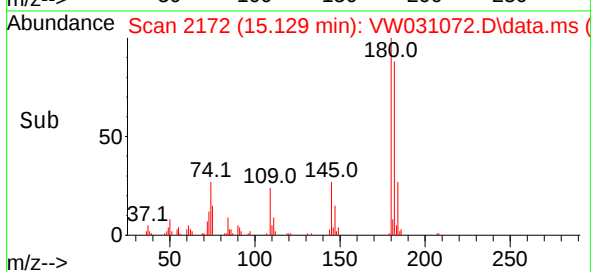
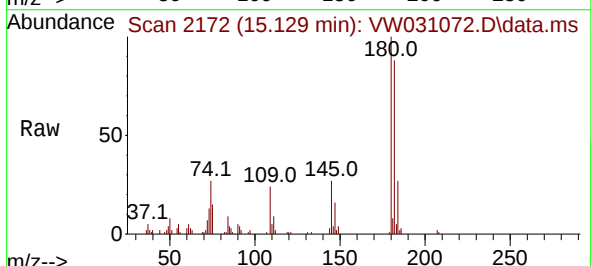
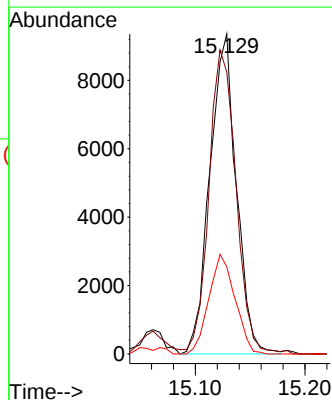
Tgt Ion:180 Resp: 15737

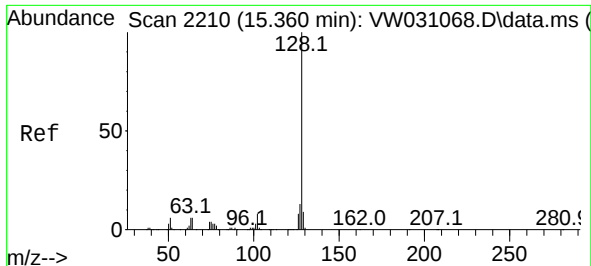
Ion Ratio Lower Upper

180 100

182 96.9 76.1 114.1

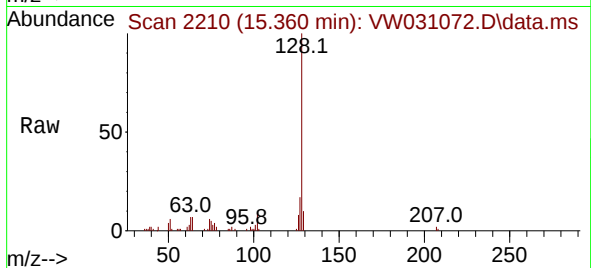
145 30.7 25.7 38.5



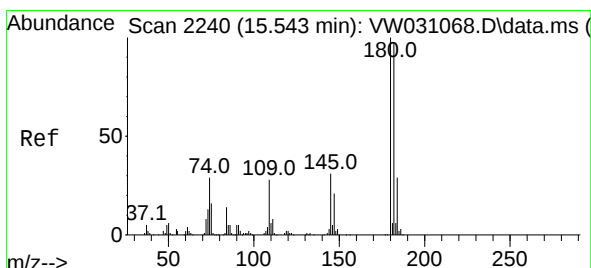
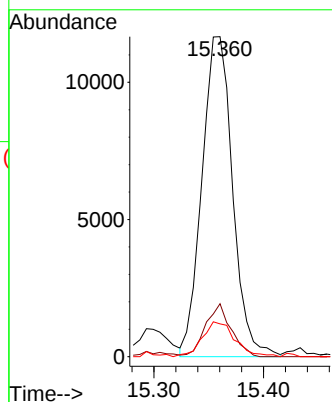
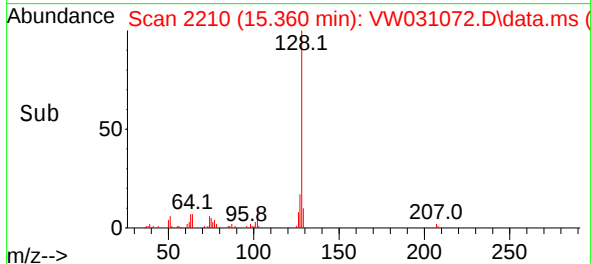


#71
Naphthalene
Concen: 2.172 ug/L
RT: 15.360 min Scan# 2110
Delta R.T. -0.000 min
Lab File: VW031072.D
Acq: 20 Nov 2024 15:42

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:128 Resp: 22723
Ion Ratio Lower Upper
128 100
127 13.9 10.4 15.6
129 11.6 8.3 12.5



#72
1,2,3-Trichlorobenzene
Concen: 2.591 ug/L
RT: 15.555 min Scan# 2242
Delta R.T. 0.012 min
Lab File: VW031072.D
Acq: 20 Nov 2024 15:42

Tgt Ion:180 Resp: 14270
Ion Ratio Lower Upper
180 100
182 85.1 78.7 118.1
145 35.4 26.3 39.5

