

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121324\
 Data File : VW031229.D
 Acq On : 13 Dec 2024 10:39
 Operator : SY/MD
 Sample : VSTD050
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 14 00:09:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 14 00:07:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	711959	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	617919	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	295607	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	573182	53.507	ug/L	0.00
7) Chloroethane-d5	2.899	69	412116	52.304	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.015	65	273587	53.842	ug/L	0.00
21) 2-Butanone-d5	7.100	46	213615	105.832	ug/L	0.00
24) Chloroform-d	7.648	84	1036244	53.121	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	522560	53.340	ug/L	0.00
32) Benzene-d6	8.276	84	2079206	52.498	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	612789	53.089	ug/L	0.00
41) Toluene-d8	10.319	98	1911215	51.872	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	279969	52.603	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	169710	109.329	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	386209	53.290	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	574593	52.359	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	343157	53.332	ug/L	95
3) Chloromethane	2.223	50	377061	52.163	ug/L	96
5) Vinyl chloride	2.369	62	529343	52.841	ug/L	99
6) Bromomethane	2.789	94	326359	52.991	ug/L	98
8) Chloroethane	2.936	64	315500	52.959	ug/L	98
9) Trichlorofluoromethane	3.265	101	559860	52.461	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	448979	52.044	ug/L	95
12) 1,1-Dichloroethene	4.039	96	454007	52.017	ug/L	95
13) Acetone	4.173	43	294625	101.117	ug/L #	100
14) Carbon disulfide	4.387	76	1485414	52.184	ug/L	99
15) Methyl Acetate	4.685	43	161975	51.476	ug/L	99
16) Methylene chloride	4.917	84	456561	50.923	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	490406	52.126	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	829759	52.756	ug/L	99
19) 1,1-Dichloroethane	6.216	63	920857	52.379	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	539913	53.042	ug/L	98
22) 2-Butanone	7.191	43	339641	101.745	ug/L	99
23) Bromochloromethane	7.514	128	212049	52.234	ug/L	95
25) Chloroform	7.679	83	897941	51.751	ug/L	100
27) 1,2-Dichloroethane	8.398	62	578174	53.003	ug/L	99
29) Cyclohexane	7.953	56	845980	50.483	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	814221	50.980	ug/L	100
31) Carbon tetrachloride	8.069	117	731068	51.379	ug/L	99
33) Benzene	8.325	78	1954983	51.196	ug/L	100
34) Trichloroethene	9.087	95	553972	51.385	ug/L	91
35) Methylcyclohexane	9.331	83	934343	49.766	ug/L	99
37) 1,2-Dichloropropane	9.368	63	491816	51.628	ug/L	100
38) Bromodichloromethane	9.642	83	644381	52.032	ug/L	93
39) cis-1,3-Dichloropropene	10.069	75	830253	51.577	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	513670	101.636	ug/L	99
42) Toluene	10.386	91	2130157	51.237	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	686035	52.194	ug/L	96

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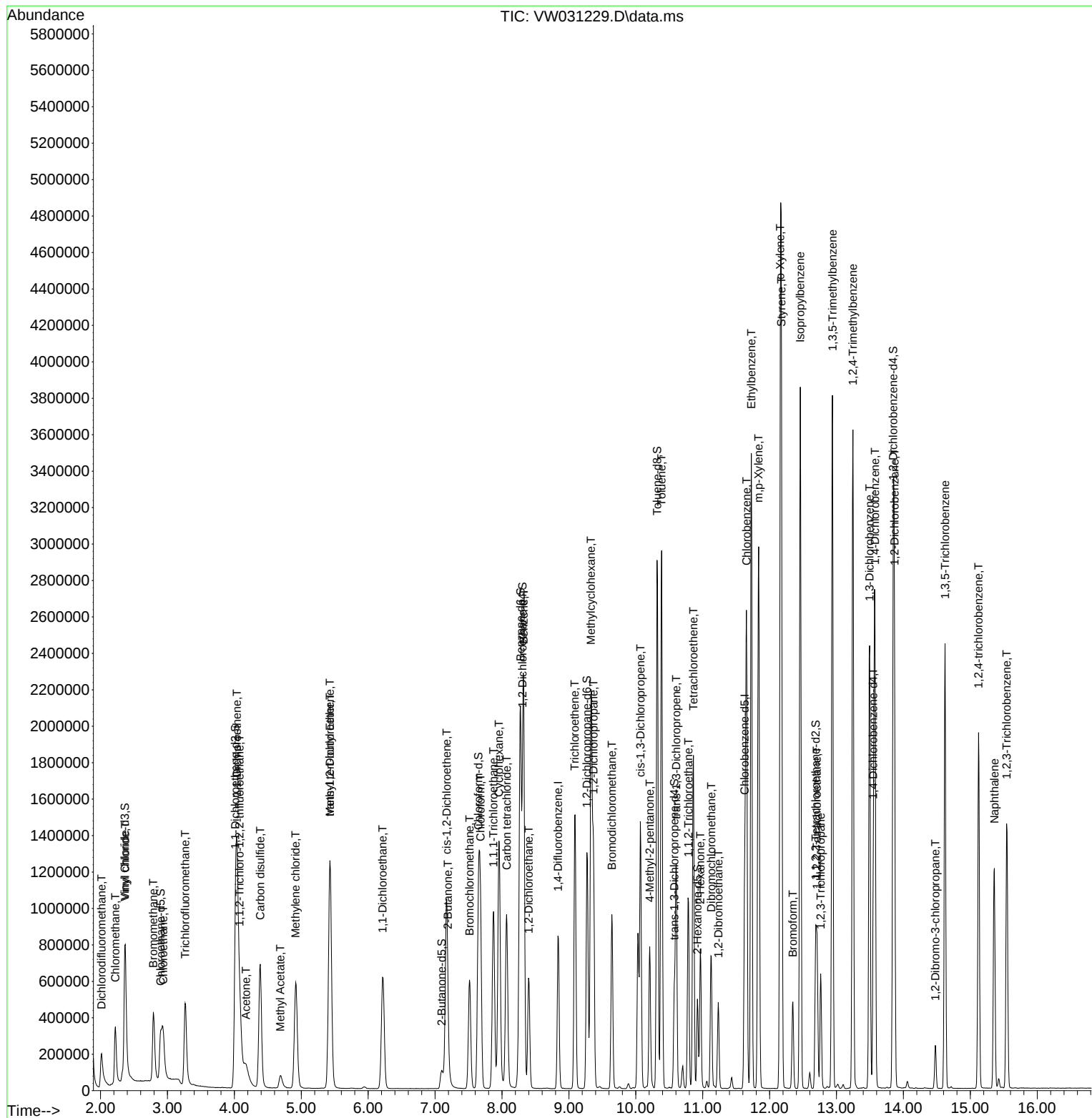
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	332276	52.444	ug/L	98
46) Tetrachloroethene	10.861	164	391568	49.586	ug/L	97
48) 2-Hexanone	10.965	43	482358	112.218	ug/L	99
49) Dibromochloromethane	11.129	129	392904	52.312	ug/L	98
50) 1,2-Dibromoethane	11.233	107	313582	52.243	ug/L	93
51) Chlorobenzene	11.654	112	1332304	51.111	ug/L	98
52) Ethylbenzene	11.727	91	2440921	50.658	ug/L	96
53) m,p-Xylene	11.837	106	933121	50.870	ug/L	95
54) o-Xylene	12.160	106	890765	51.526	ug/L	97
55) Styrene	12.178	104	1488007	51.746	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	357693	52.347	ug/L	99
59) Bromoform	12.349	173	218052	52.507	ug/L	97
60) Isopropylbenzene	12.458	105	2412444	49.870	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	261587	51.714	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	2076755	50.637	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	2001605	50.495	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	1001786	51.113	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	1008377	51.927	ug/L	92
67) 1,2-Dichlorobenzene	13.867	146	895817	53.047	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.476	75	64935	50.586	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	699310	50.945	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	595173	52.124	ug/L	98
71) Naphthalene	15.360	128	1060805	52.990	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	476500	51.794	ug/L	99

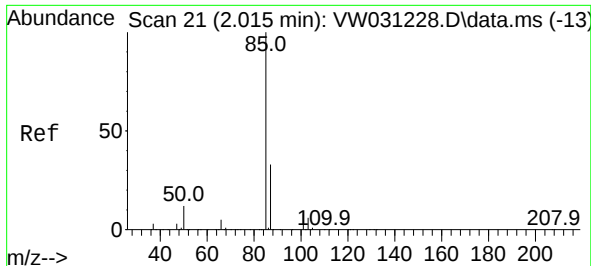
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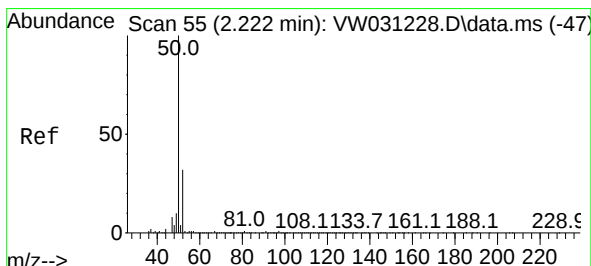
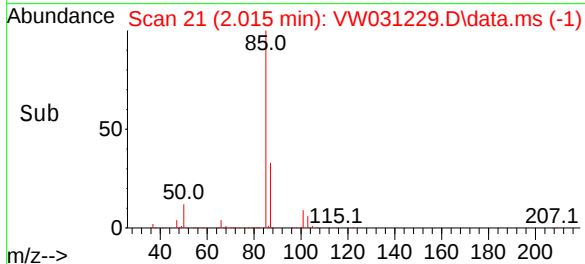
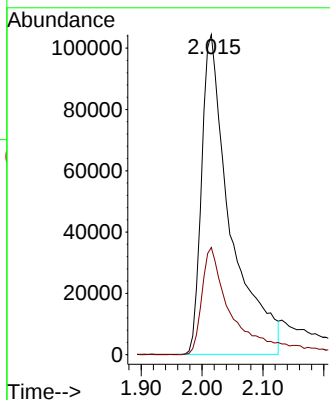
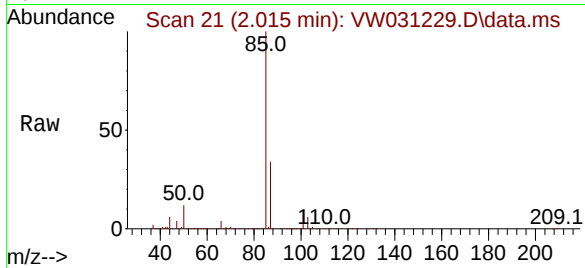




#2
 Dichlorodifluoromethane
 Concen: 53.332 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW031229.D
 Acq: 13 Dec 2024 10:39

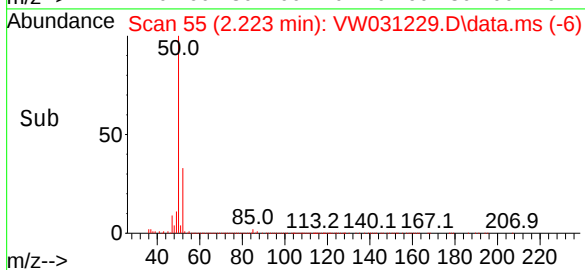
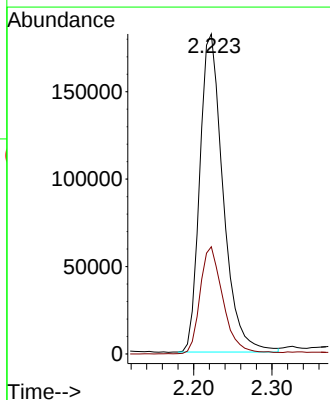
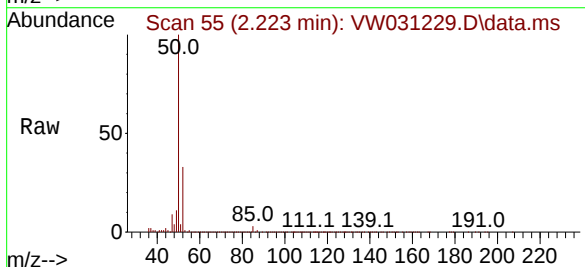
Instrument :
 MSVOA_W
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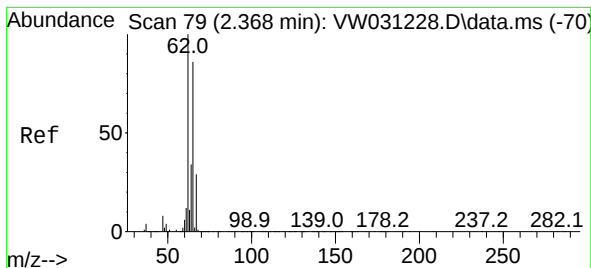
Tgt Ion: 85 Resp: 343157
 Ion Ratio Lower Upper
 85 100
 87 34.0 24.9 37.3



#3
 Chloromethane
 Concen: 52.163 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW031229.D
 Acq: 13 Dec 2024 10:39

Tgt Ion: 50 Resp: 377061
 Ion Ratio Lower Upper
 50 100
 52 33.5 22.0 41.0





#5

Vinyl chloride

Concen: 52.841 ug/L

RT: 2.369 min Scan# 79

Delta R.T. 0.000 min

Lab File: VW031229.D

Acq: 13 Dec 2024 10:39

Instrument :

MSVOA_W

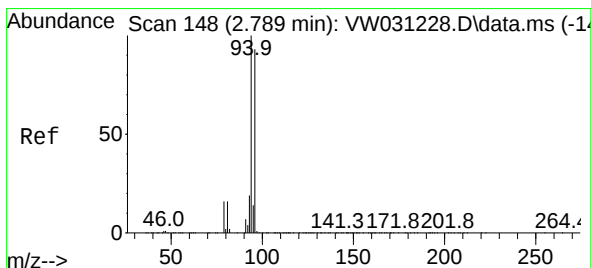
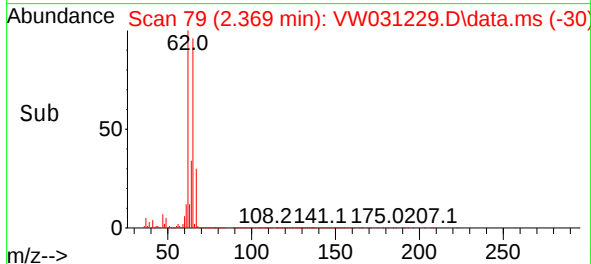
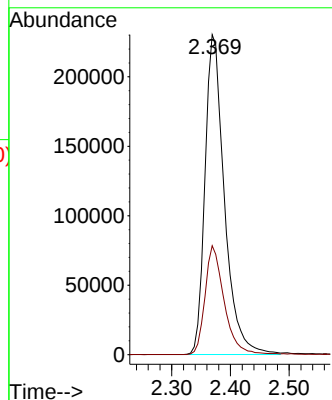
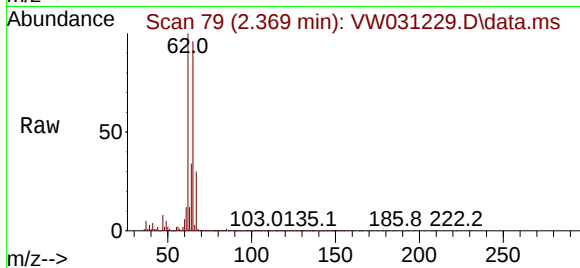
ClientSampleId :

Tgt Ion: 62 Resp: 529343

Ion Ratio Lower Upper

62 100

64 34.1 24.1 44.8



#6

Bromomethane

Concen: 52.991 ug/L

RT: 2.789 min Scan# 148

Delta R.T. 0.000 min

Lab File: VW031229.D

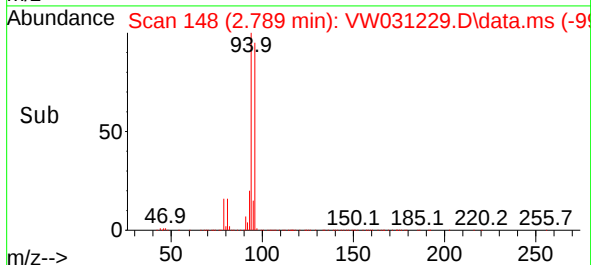
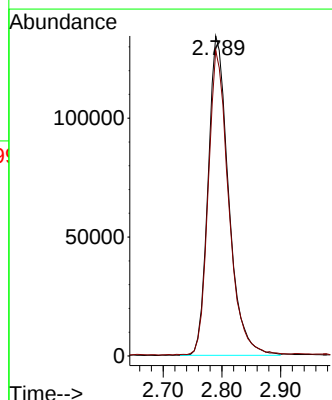
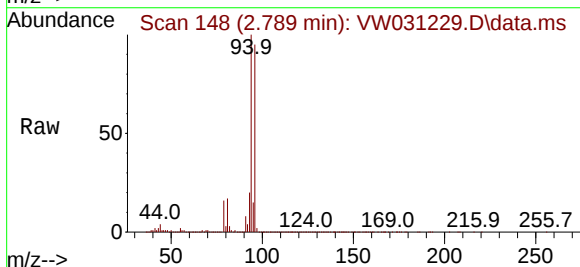
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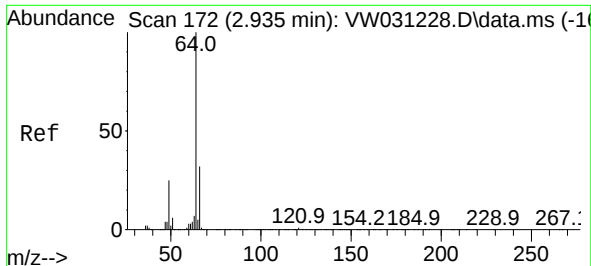
Tgt Ion: 94 Resp: 326359

Ion Ratio Lower Upper

94 100

96 95.4 65.6 121.8

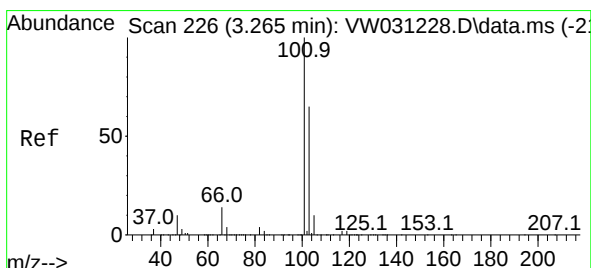
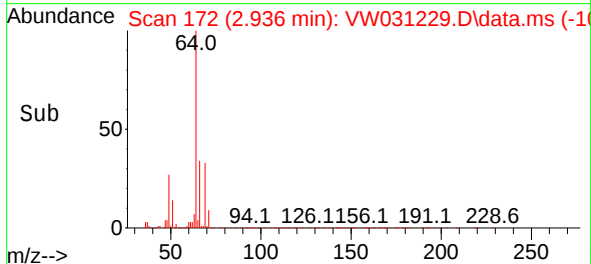
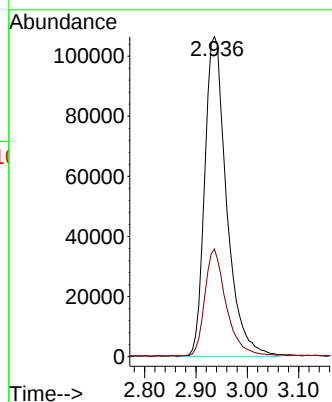
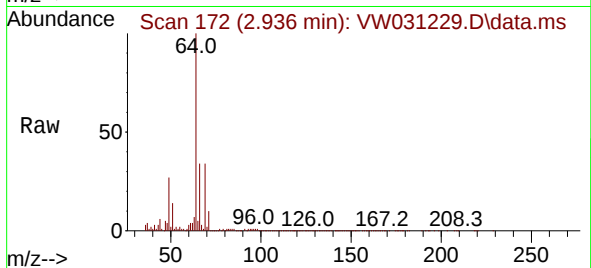




#8
Chloroethane
Concen: 52.959 ug/L
RT: 2.936 min Scan# 172
Delta R.T. 0.000 min
Lab File: VW031229.D
Acq: 13 Dec 2024 10:39

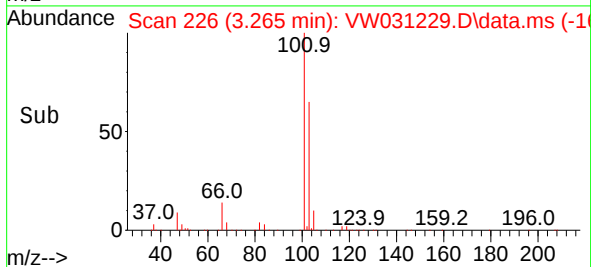
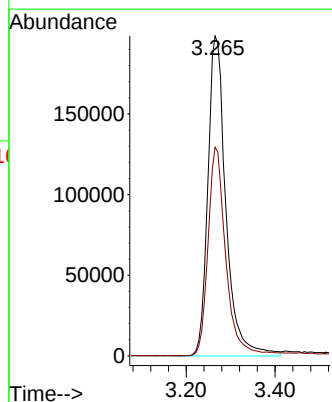
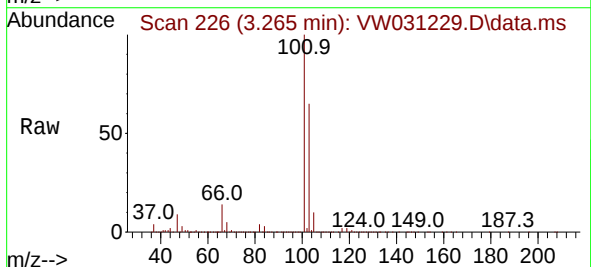
Instrument :
MSVOA_W
ClientSampleId :

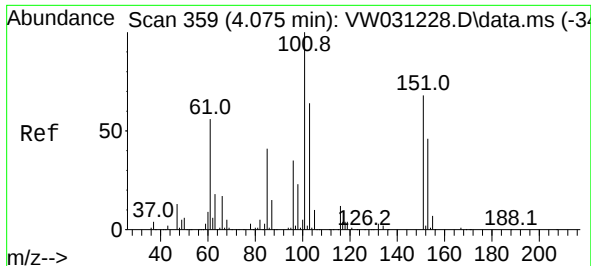
Tgt Ion: 64 Resp: 315500
Ion Ratio Lower Upper
64 100
66 33.7 22.7 42.3



#9
Trichlorofluoromethane
Concen: 52.461 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW031229.D
Acq: 13 Dec 2024 10:39

Tgt Ion: 101 Resp: 559860
Ion Ratio Lower Upper
101 100
103 63.4 51.6 77.4





#10

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

Concen: 52.044 ug/L

RT: 4.076 min Scan# 359

Delta R.T. 0.000 min

Lab File: VW031229.D

Acq: 13 Dec 2024 10:39

Instrument :

MSVOA_W

ClientSampleId :

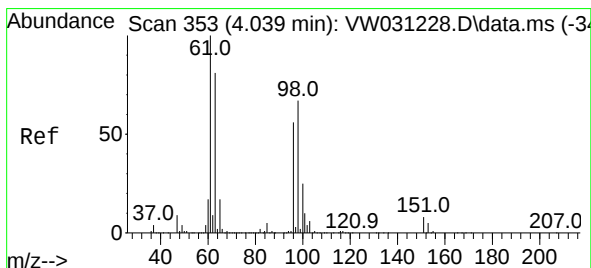
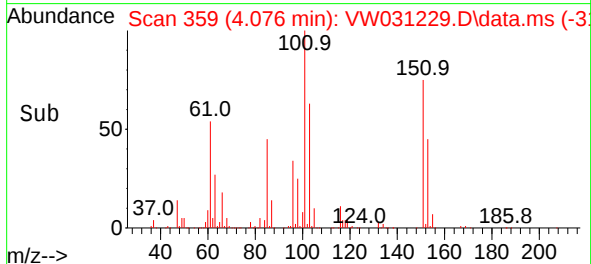
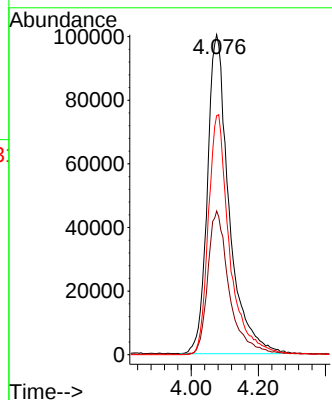
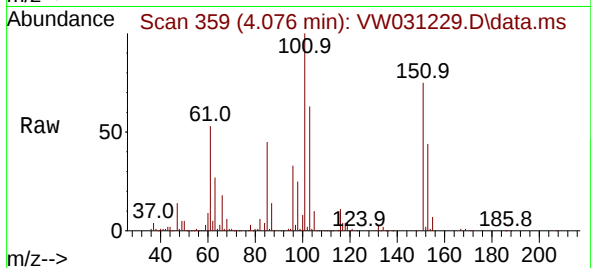
Tgt Ion:101 Resp: 448979

Ion Ratio Lower Upper

101 100

85 43.3 33.0 49.4

151 73.6 54.8 82.2



#12

1,1-Dichloroethene

Concen: 52.017 ug/L

RT: 4.039 min Scan# 353

Delta R.T. 0.000 min

Lab File: VW031229.D

Acq: 13 Dec 2024 10:39

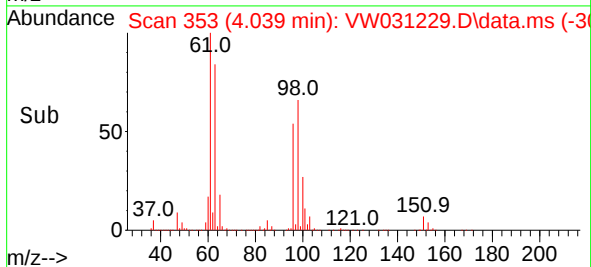
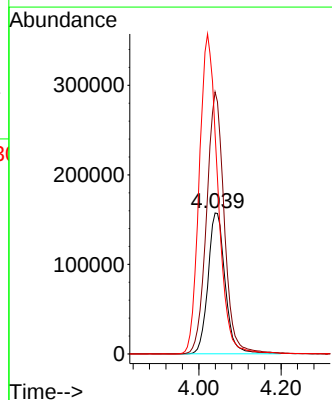
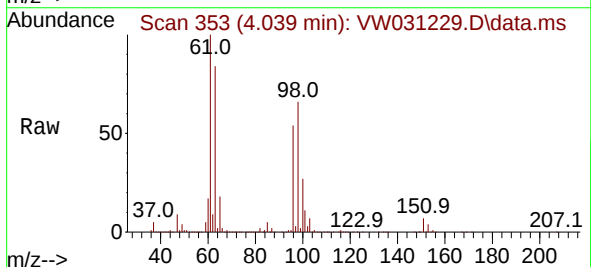
Tgt Ion: 96 Resp: 454007

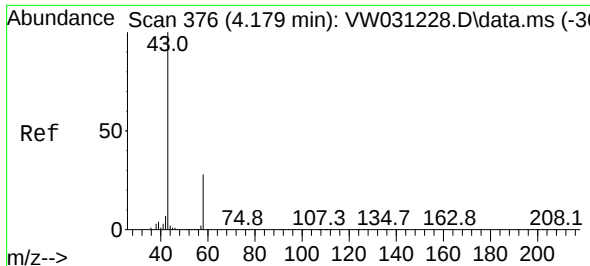
Ion Ratio Lower Upper

96 100

61 185.9 125.3 232.7

63 156.3 104.6 194.2

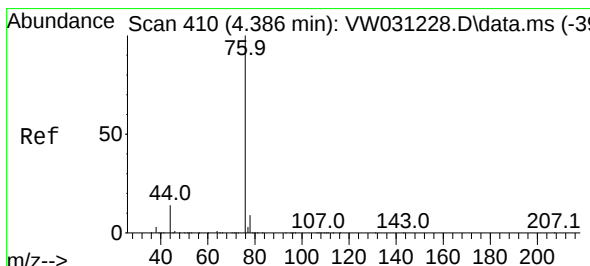
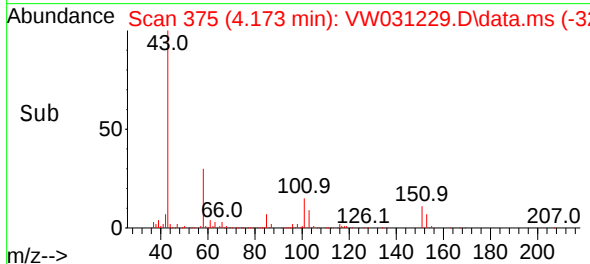
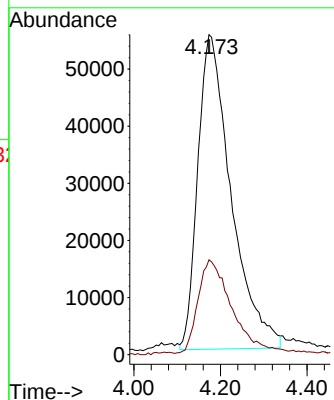
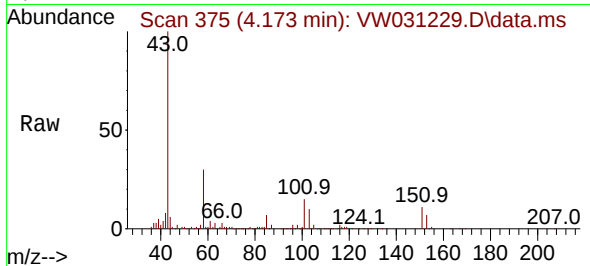




#13
Acetone
Concen: 101.117 ug/L
RT: 4.173 min Scan# 375
Delta R.T. -0.006 min
Lab File: VW031229.D
Acq: 13 Dec 2024 10:39

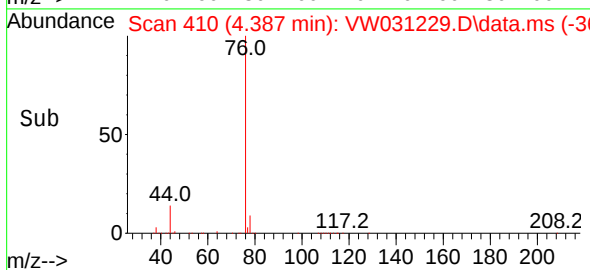
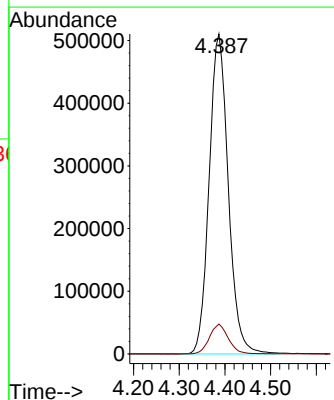
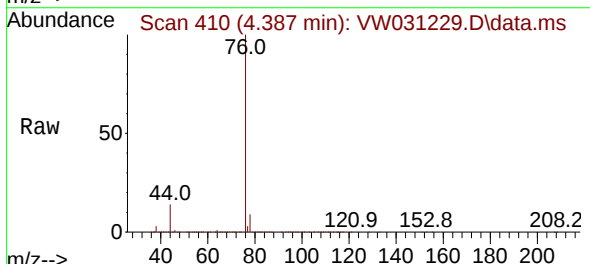
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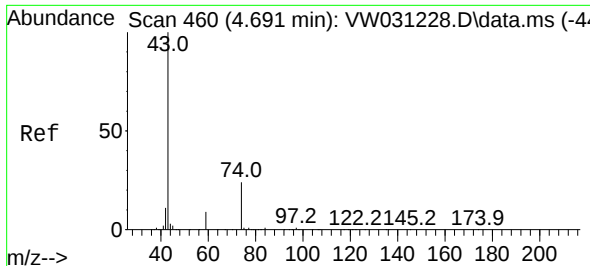
Tgt Ion: 43 Resp: 294625
Ion Ratio Lower Upper
43 100
58 28.4 0.0 0.0#



#14
Carbon disulfide
Concen: 52.184 ug/L
RT: 4.387 min Scan# 410
Delta R.T. 0.000 min
Lab File: VW031229.D
Acq: 13 Dec 2024 10:39

Tgt Ion: 76 Resp: 1485414
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9





#15

Methyl Acetate

Concen: 51.476 ug/L

RT: 4.685 min Scan# 4

Delta R.T. -0.006 min

Lab File: VW031229.D

Acq: 13 Dec 2024 10:39

Instrument :

MSVOA_W

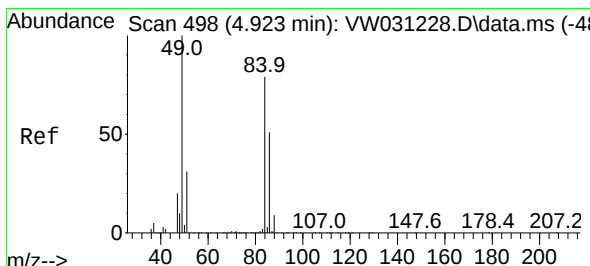
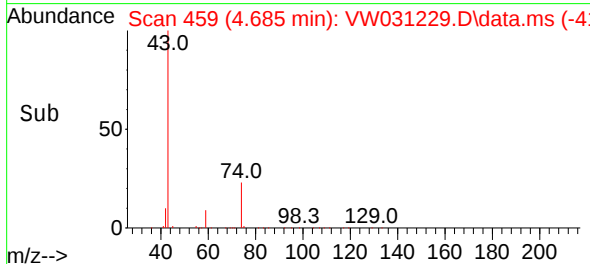
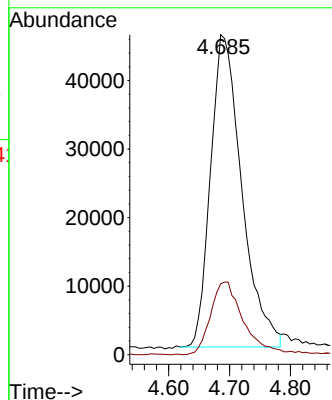
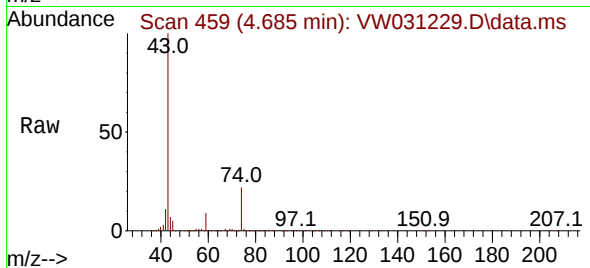
ClientSampleId :

Tgt Ion: 43 Resp: 161975

Ion Ratio Lower Upper

43 100

74 24.3 18.9 28.3



#16

Methylene chloride

Concen: 50.923 ug/L

RT: 4.917 min Scan# 497

Delta R.T. -0.006 min

Lab File: VW031229.D

Acq: 13 Dec 2024 10:39

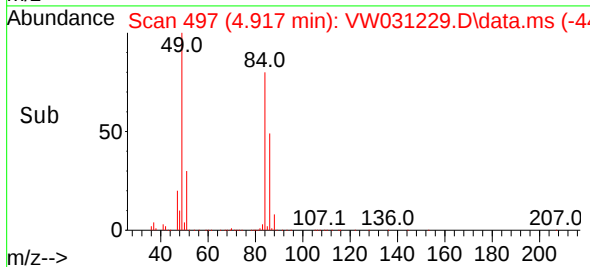
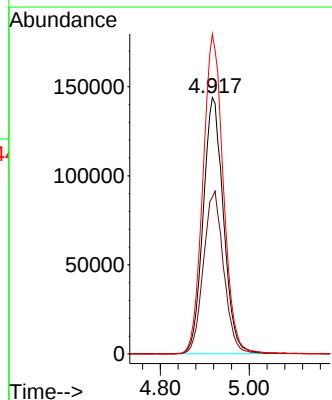
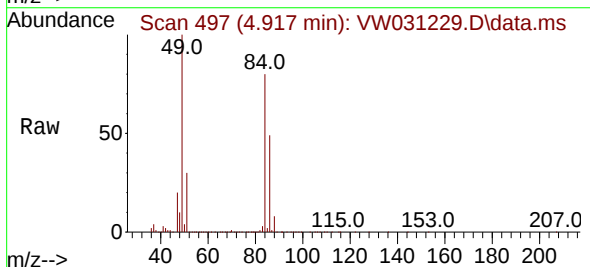
Tgt Ion: 84 Resp: 456561

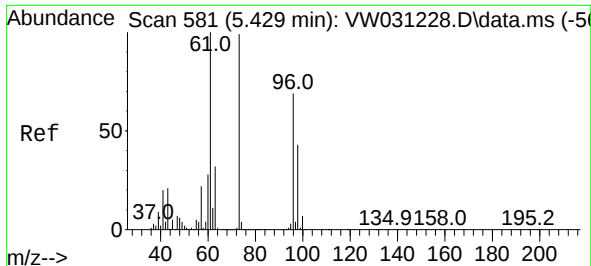
Ion Ratio Lower Upper

84 100

86 61.2 44.7 82.9

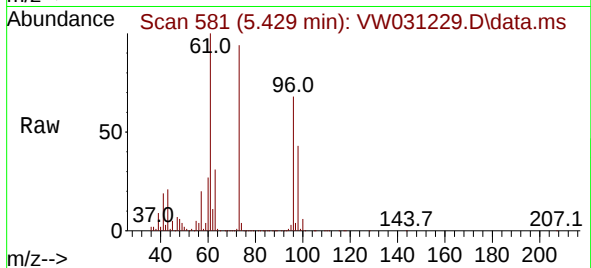
49 124.8 88.3 164.1



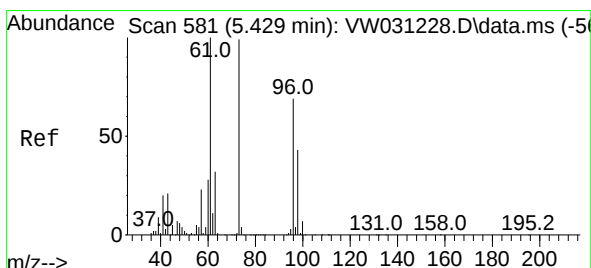
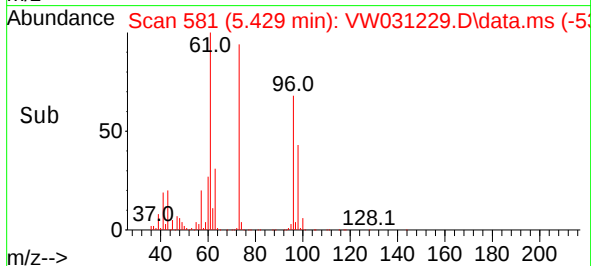
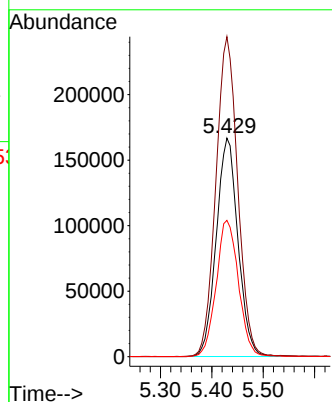


#17
trans-1,2-Dichloroethene
Concen: 52.126 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW031229.D
Acq: 13 Dec 2024 10:39

Instrument :
MSVOA_W
ClientSampleId :

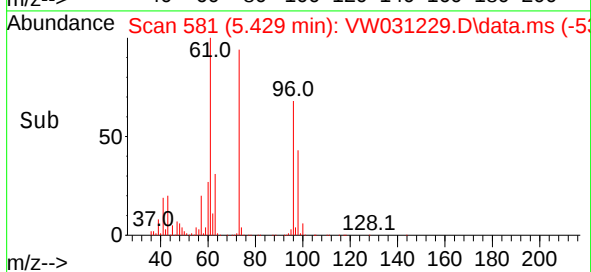
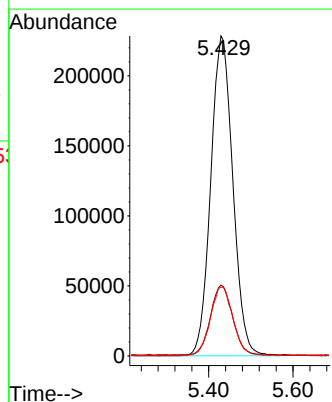
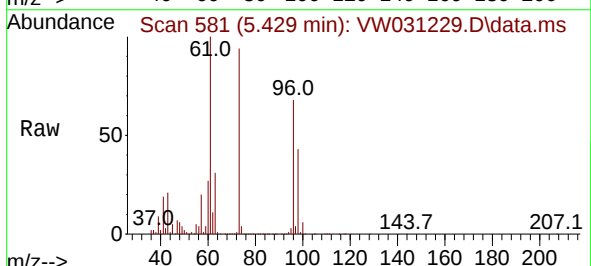


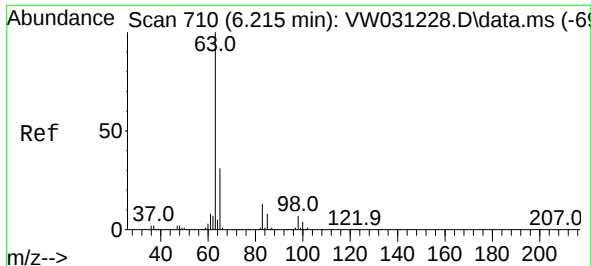
Tgt Ion: 96 Resp: 490406
Ion Ratio Lower Upper
96 100
61 146.4 100.7 187.1
98 62.4 43.8 81.3



#18
Methyl tert-butyl Ether
Concen: 52.756 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW031229.D
Acq: 13 Dec 2024 10:39

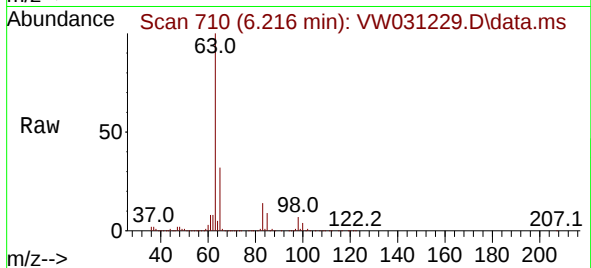
Tgt Ion: 73 Resp: 829759
Ion Ratio Lower Upper
73 100
43 21.9 17.9 26.9
57 21.8 17.9 26.9



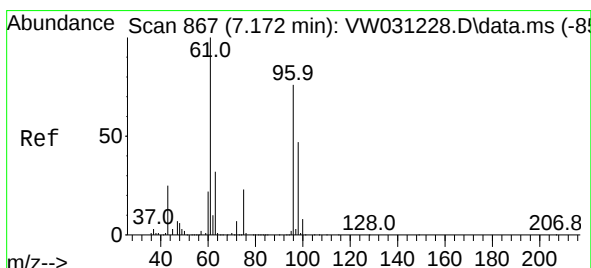
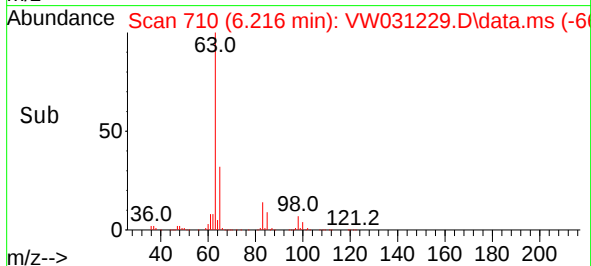
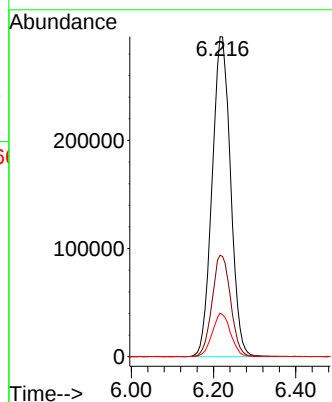


#19
1,1-Dichloroethane
Concen: 52.379 ug/L
RT: 6.216 min Scan# 710
Delta R.T. 0.000 min
Lab File: VW031229.D
Acq: 13 Dec 2024 10:39

Instrument :
MSVOA_W
ClientSampleId :

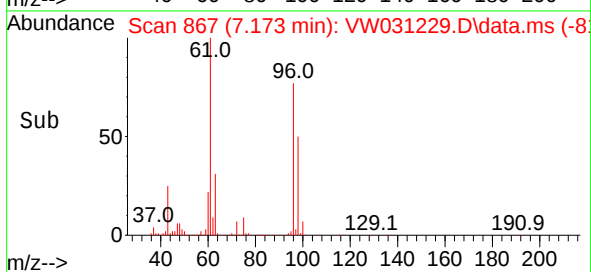
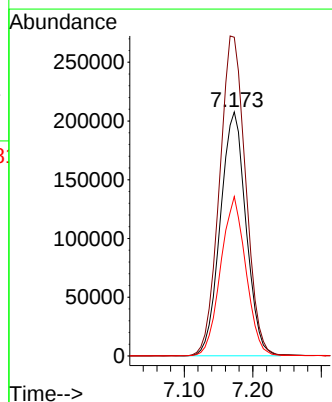
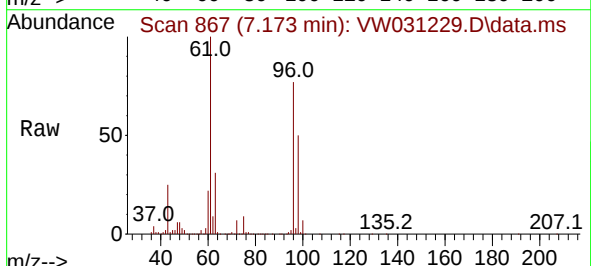


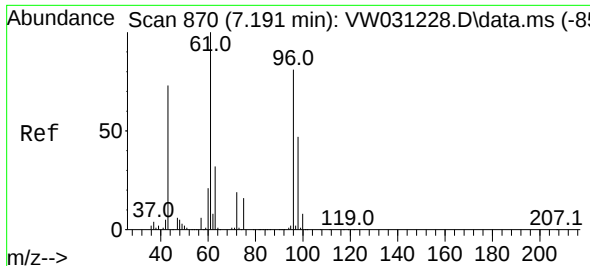
Tgt Ion: 63 Resp: 920857
Ion Ratio Lower Upper
63 100
65 31.7 21.9 40.7
83 13.6 9.3 17.3



#20
cis-1,2-Dichloroethene
Concen: 53.042 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW031229.D
Acq: 13 Dec 2024 10:39

Tgt Ion: 96 Resp: 539913
Ion Ratio Lower Upper
96 100
61 130.6 92.2 171.2
98 65.3 43.7 81.1

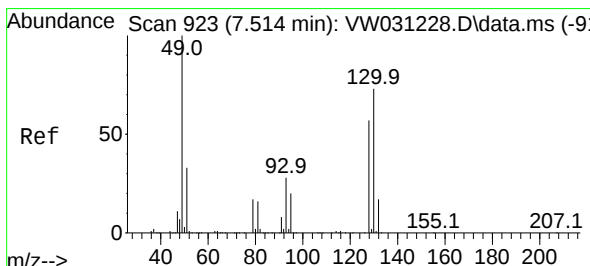
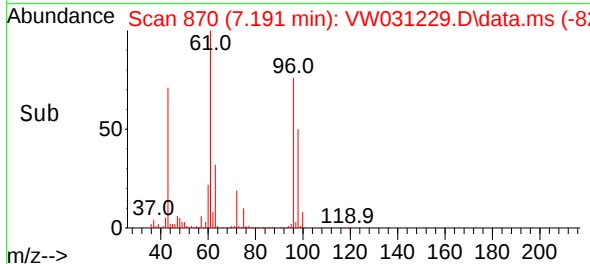
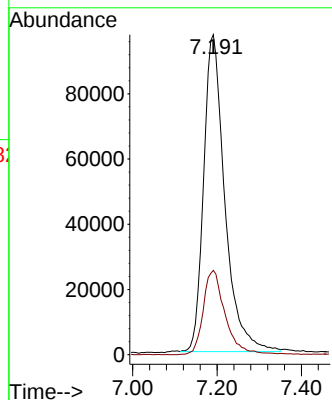
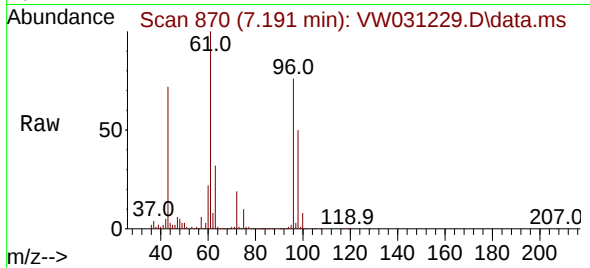




#22
2-Butanone
Concen: 101.745 ug/L
RT: 7.191 min Scan# 870
Delta R.T. 0.000 min
Lab File: VW031229.D
Acq: 13 Dec 2024 10:39

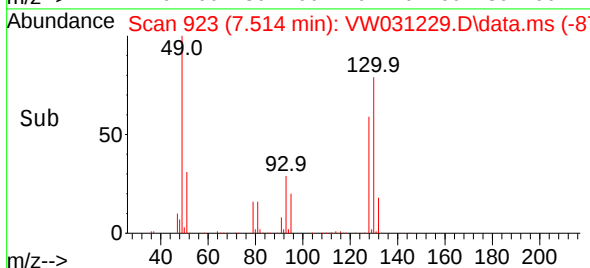
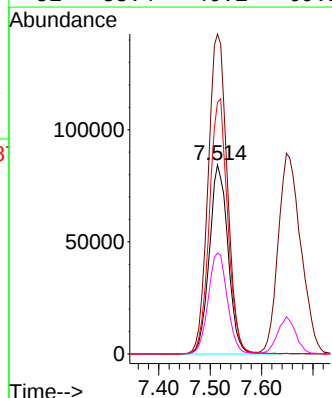
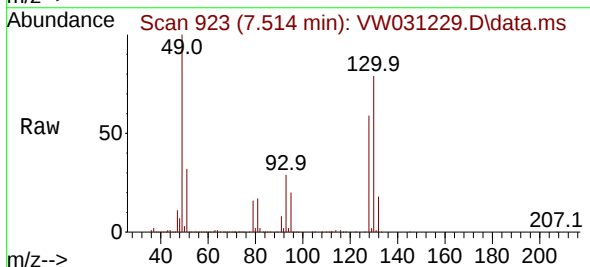
Instrument :
MSVOA_W
ClientSampleId :

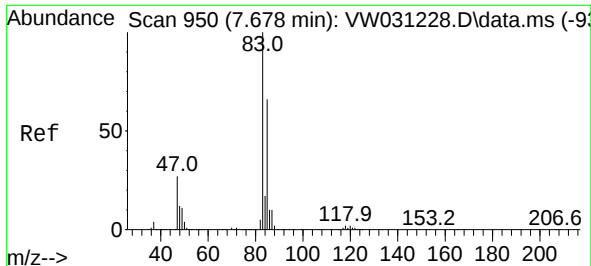
Tgt Ion: 43 Resp: 339641
Ion Ratio Lower Upper
43 100
72 26.9 13.3 39.8



#23
Bromochloromethane
Concen: 52.234 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW031229.D
Acq: 13 Dec 2024 10:39

Tgt Ion:128 Resp: 212049
Ion Ratio Lower Upper
128 100
49 169.3 123.7 229.7
130 133.1 90.3 167.7
51 53.4 46.1 69.1





#25

Chloroform

Concen: 51.751 ug/L

RT: 7.679 min Scan# 950

Delta R.T. 0.000 min

Lab File: VW031229.D

Acq: 13 Dec 2024 10:39

Instrument :

MSVOA_W

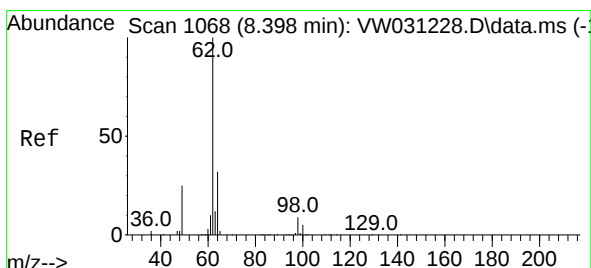
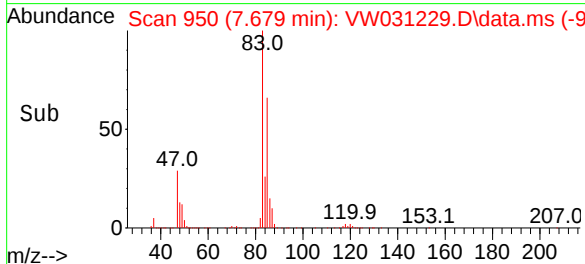
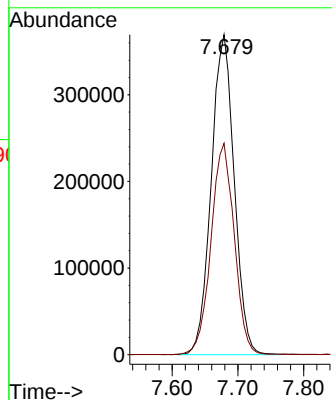
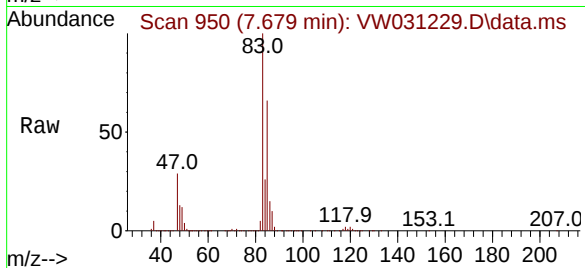
ClientSampleId :

Tgt Ion: 83 Resp: 897941

Ion Ratio Lower Upper

83 100

85 66.0 46.1 85.5



#27

1,2-Dichloroethane

Concen: 53.003 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW031229.D

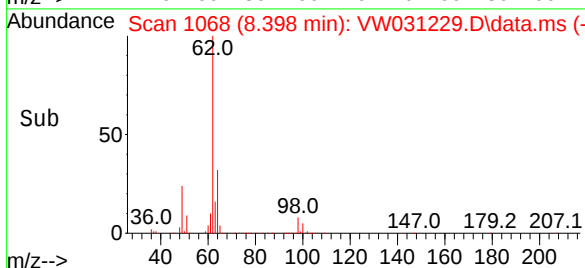
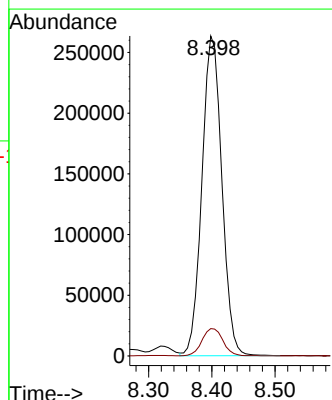
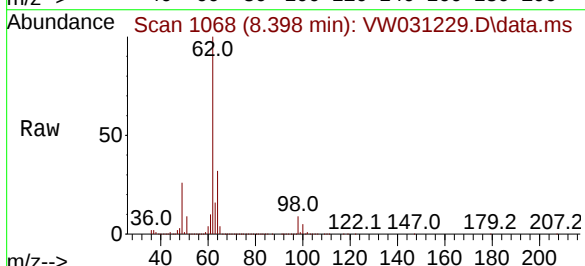
Acq: 13 Dec 2024 10:39

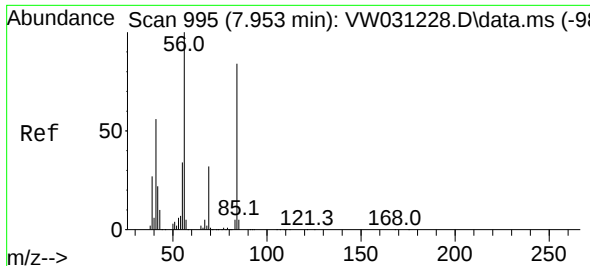
Tgt Ion: 62 Resp: 578174

Ion Ratio Lower Upper

62 100

98 8.5 7.2 10.8





#29

Cyclohexane

Concen: 50.483 ug/L

RT: 7.953 min Scan# 995

Delta R.T. 0.000 min

Lab File: VW031229.D

Acq: 13 Dec 2024 10:39

Instrument :

MSVOA_W

ClientSampleId :

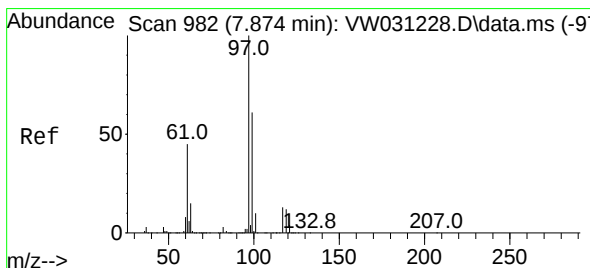
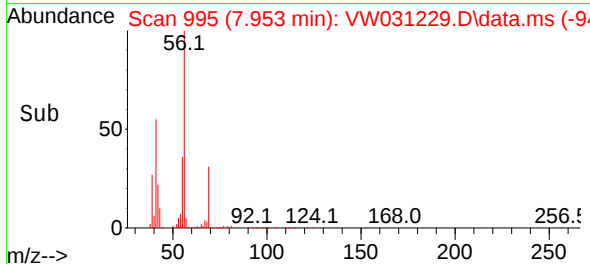
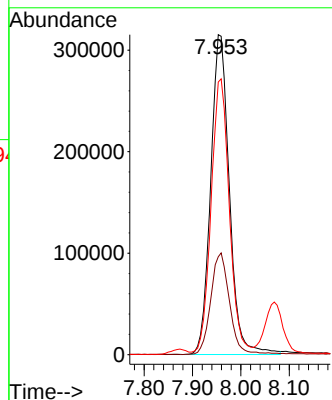
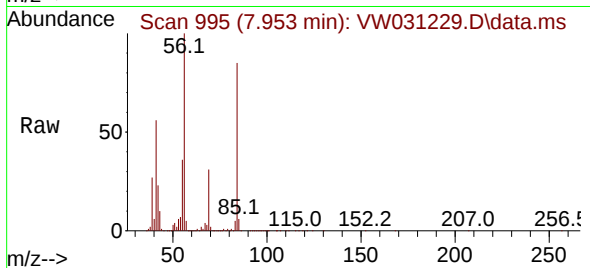
Tgt Ion: 56 Resp: 845980

Ion Ratio Lower Upper

56 100

69 31.2 25.0 37.4

84 84.4 68.9 103.3



#30

1,1,1-Trichloroethane

Concen: 50.980 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW031229.D

Acq: 13 Dec 2024 10:39

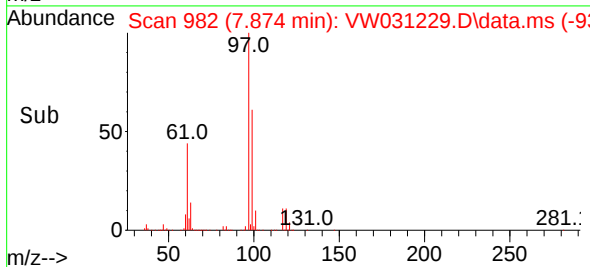
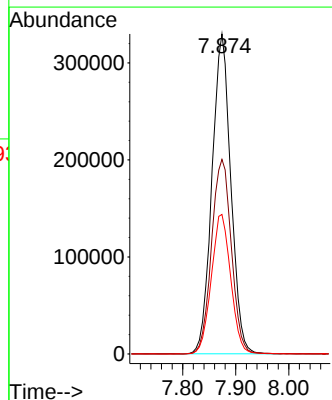
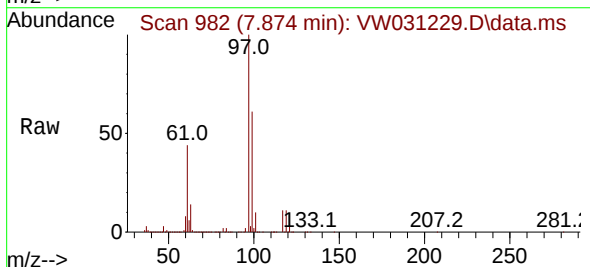
Tgt Ion: 97 Resp: 814221

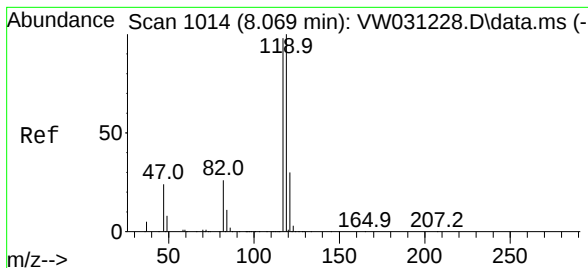
Ion Ratio Lower Upper

97 100

99 64.0 51.1 76.7

61 44.9 36.3 54.5

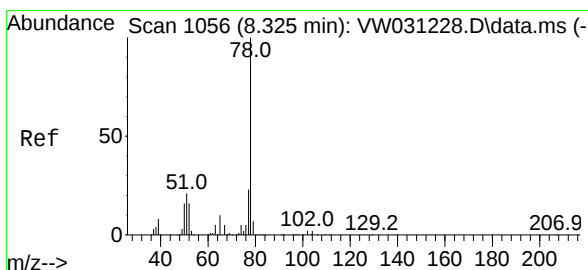
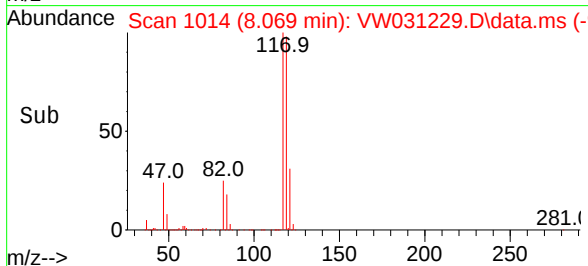
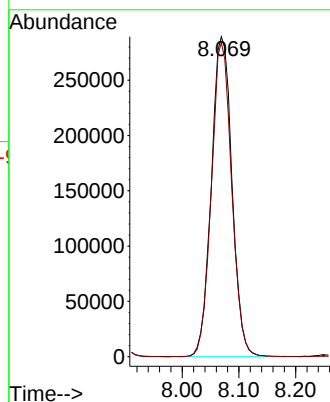
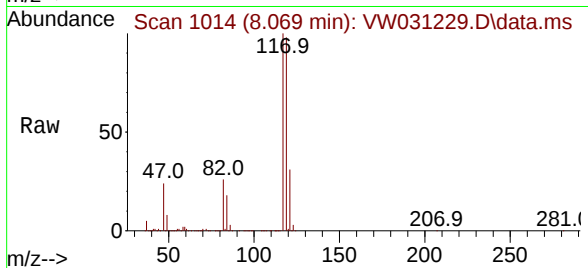




#31
Carbon tetrachloride
Concen: 51.379 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW031229.D
Acq: 13 Dec 2024 10:39

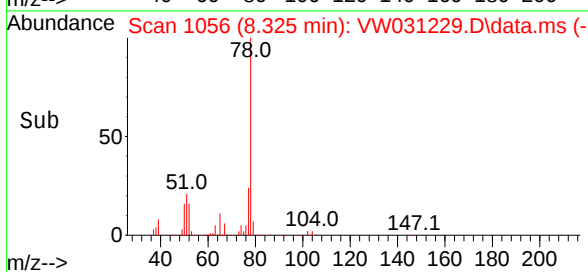
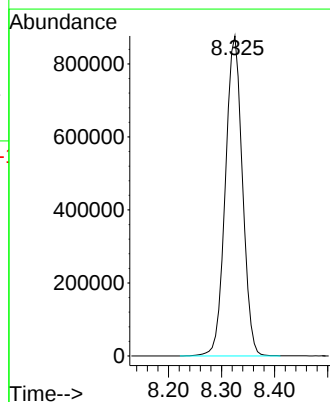
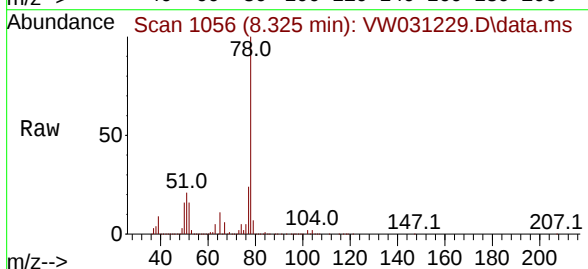
Instrument :
MSVOA_W
ClientSampleId :

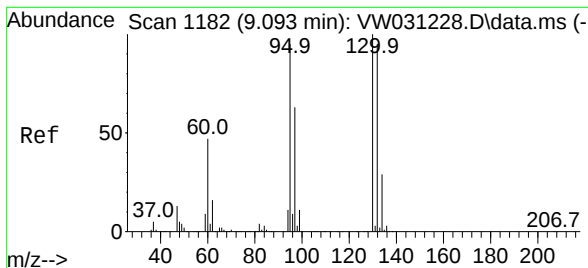
Tgt Ion:117 Resp: 731068
Ion Ratio Lower Upper
117 100
119 96.2 76.0 114.0



#33
Benzene
Concen: 51.196 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW031229.D
Acq: 13 Dec 2024 10:39

Tgt Ion: 78 Resp: 1954983





#34

Trichloroethene

Concen: 51.385 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.006 min

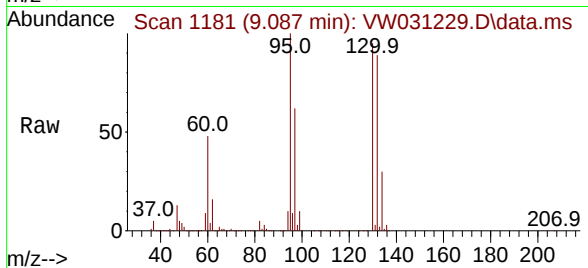
Lab File: VW031229.D

Acq: 13 Dec 2024 10:39

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 553972

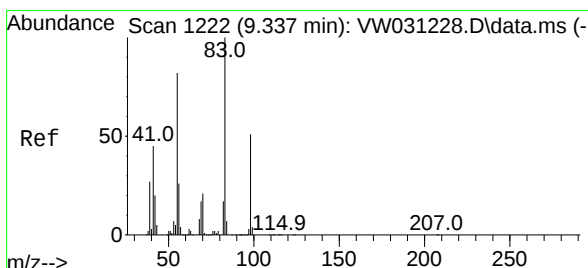
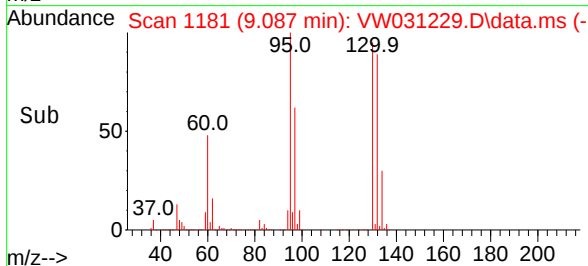
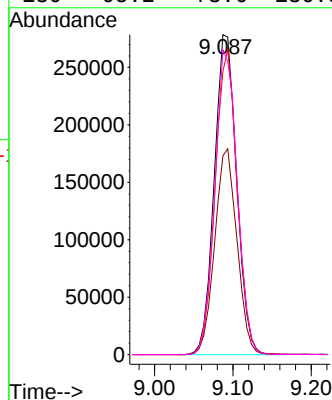
Ion Ratio Lower Upper

95 100

97 62.1 46.5 86.3

132 88.6 70.3 130.5

130 95.2 73.6 136.8



#35

Methylcyclohexane

Concen: 49.766 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW031229.D

Acq: 13 Dec 2024 10:39

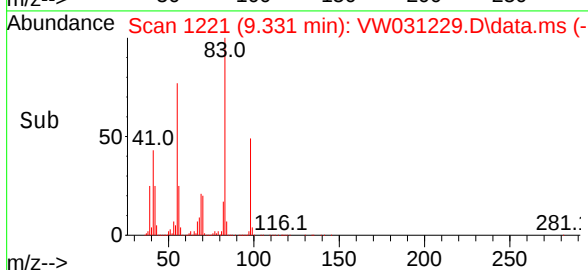
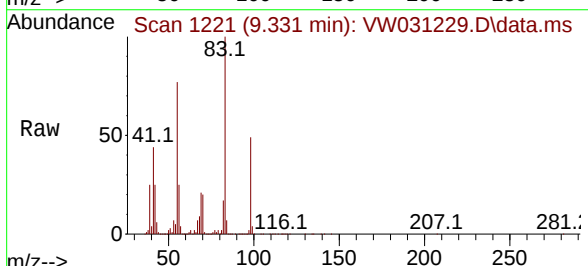
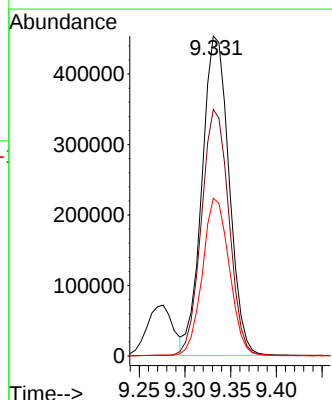
Tgt Ion: 83 Resp: 934343

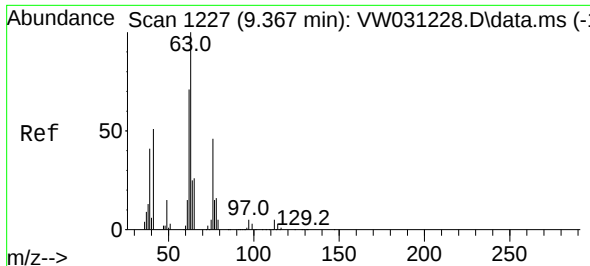
Ion Ratio Lower Upper

83 100

55 77.7 62.6 93.8

98 49.1 39.8 59.6





#37

1,2-Dichloropropane

Concen: 51.628 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031229.D

Acq: 13 Dec 2024 10:39

Instrument :

MSVOA_W

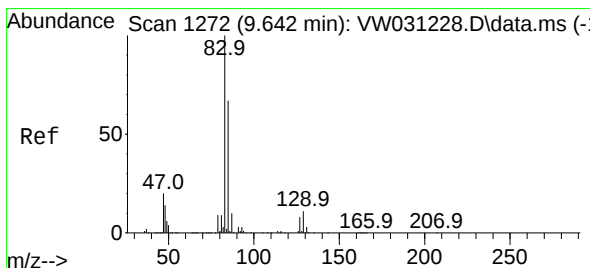
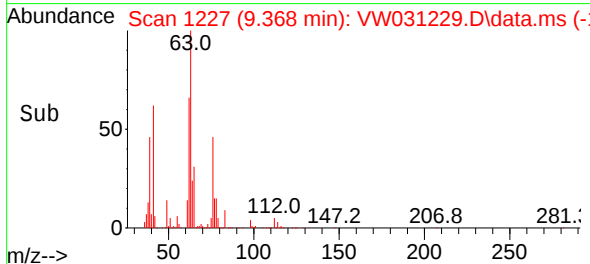
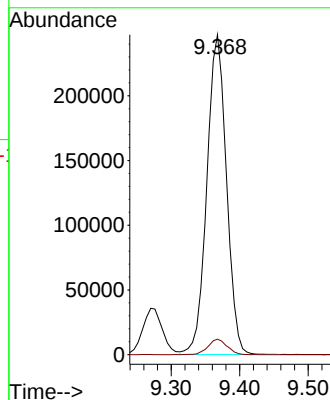
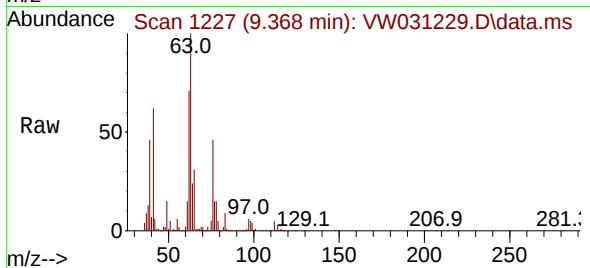
ClientSampleId :

Tgt Ion: 63 Resp: 491816

Ion Ratio Lower Upper

63 100

112 4.7 3.8 5.8



#38

Bromodichloromethane

Concen: 52.032 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW031229.D

Acq: 13 Dec 2024 10:39

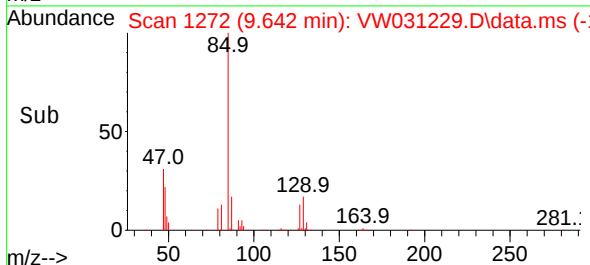
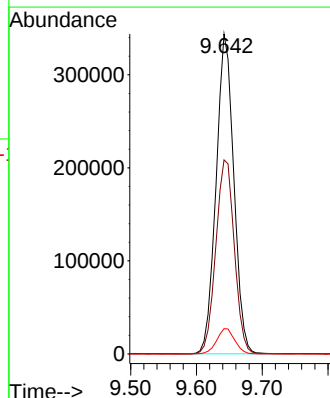
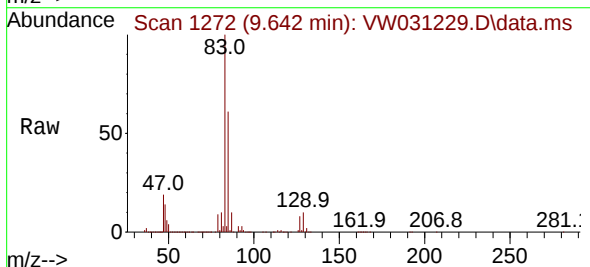
Tgt Ion: 83 Resp: 644381

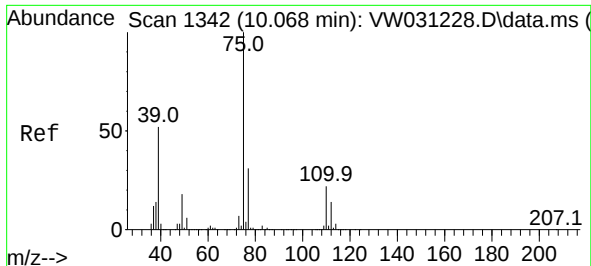
Ion Ratio Lower Upper

83 100

85 60.6 46.5 86.5

127 7.9 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 51.577 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. 0.000 min

Lab File: VW031229.D

Acq: 13 Dec 2024 10:39

Instrument :

MSVOA_W

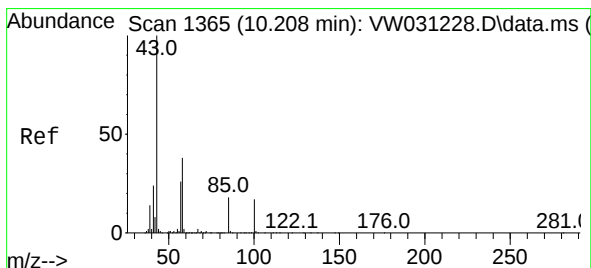
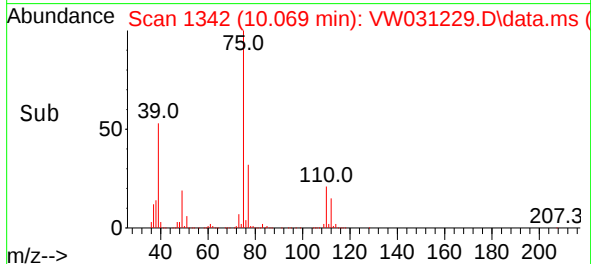
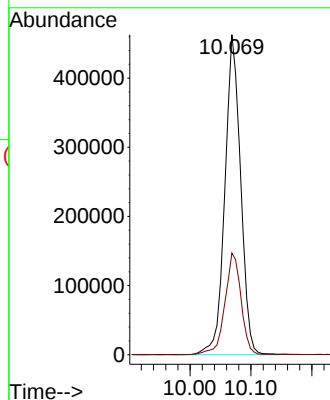
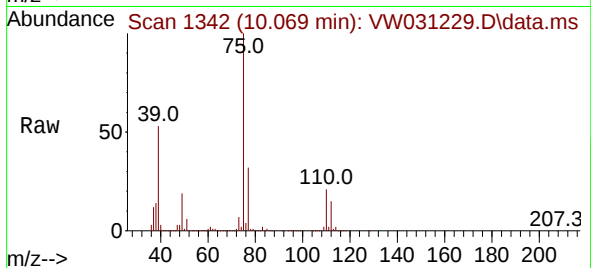
ClientSampleId :

Tgt Ion: 75 Resp: 830253

Ion Ratio Lower Upper

75 100

77 31.7 21.8 40.4



#40

4-Methyl-2-pentanone

Concen: 101.636 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW031229.D

Acq: 13 Dec 2024 10:39

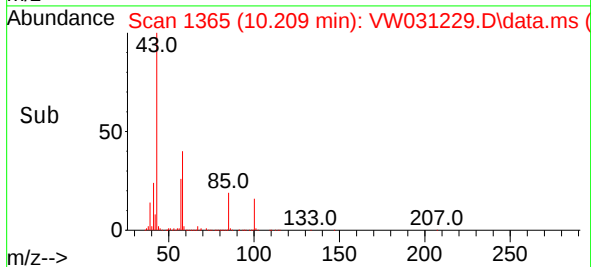
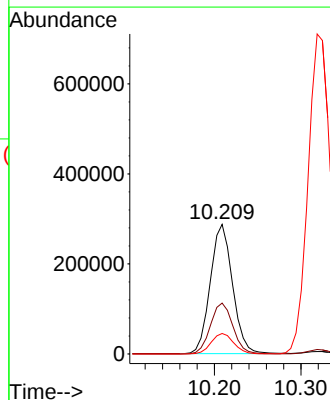
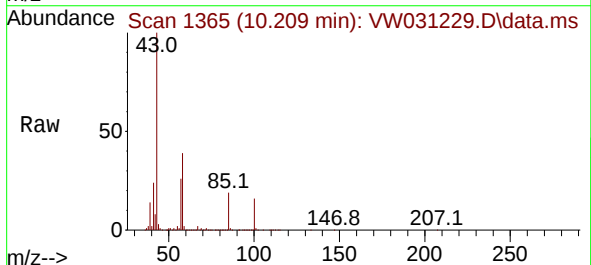
Tgt Ion: 43 Resp: 513670

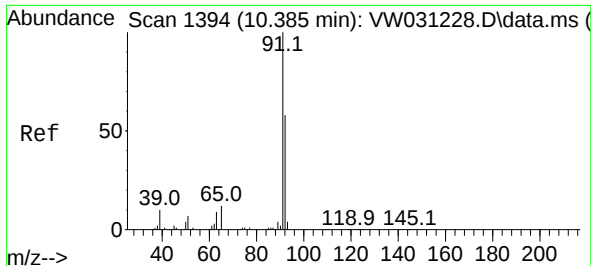
Ion Ratio Lower Upper

43 100

58 39.7 31.1 46.7

100 16.0 13.0 19.6





#42

Toluene

Concen: 51.237 ug/L

RT: 10.386 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW031229.D

Acq: 13 Dec 2024 10:39

Instrument :

MSVOA_W

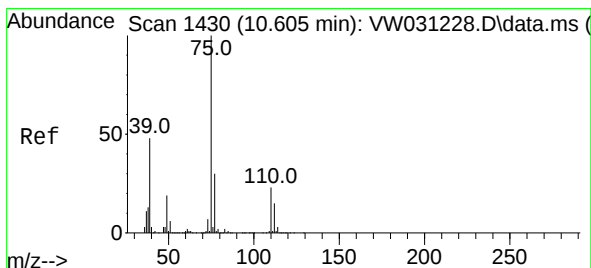
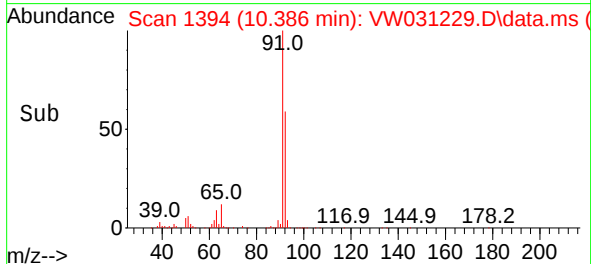
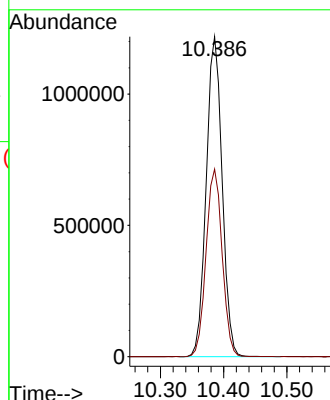
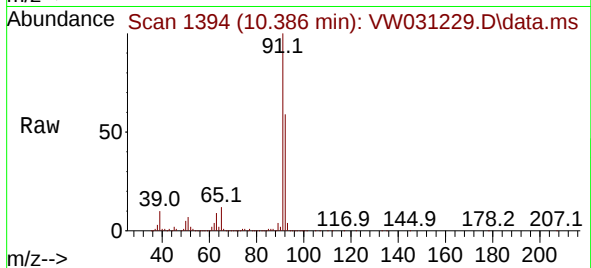
ClientSampleId :

Tgt Ion: 91 Resp: 2130157

Ion Ratio Lower Upper

91 100

92 58.6 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 52.194 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW031229.D

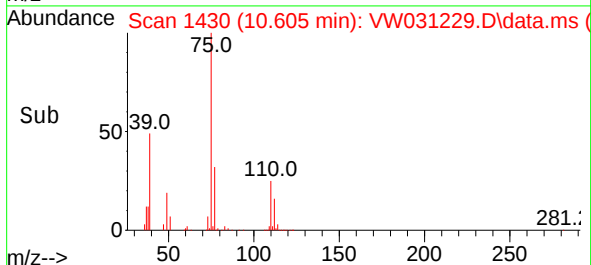
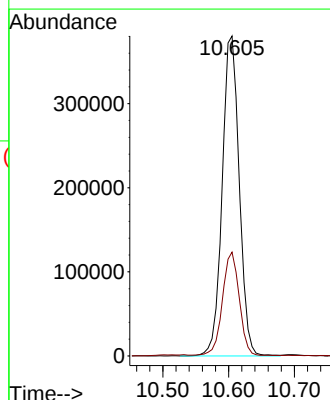
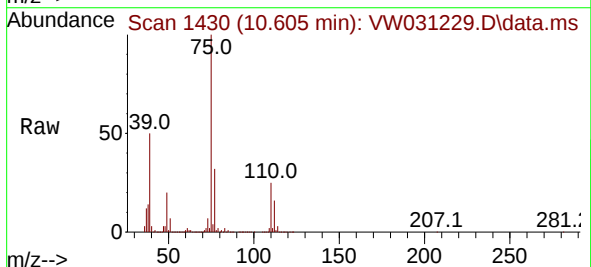
Acq: 13 Dec 2024 10:39

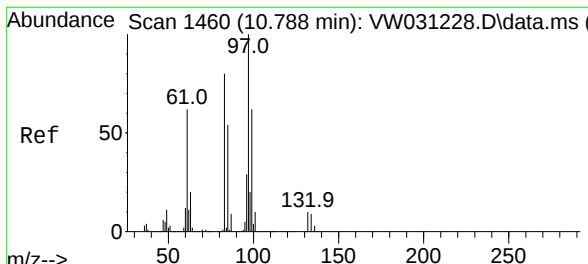
Tgt Ion: 75 Resp: 686035

Ion Ratio Lower Upper

75 100

77 32.4 21.2 39.4

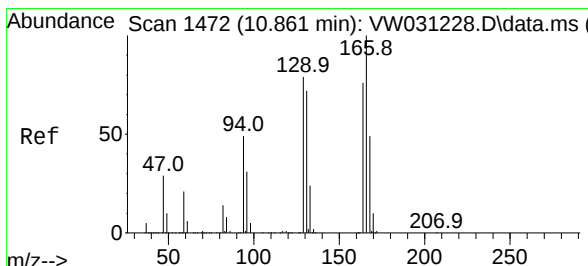
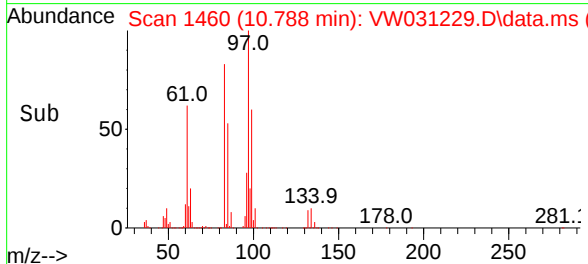
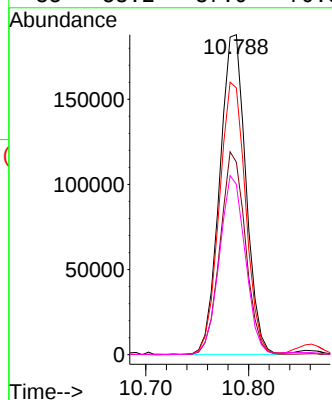
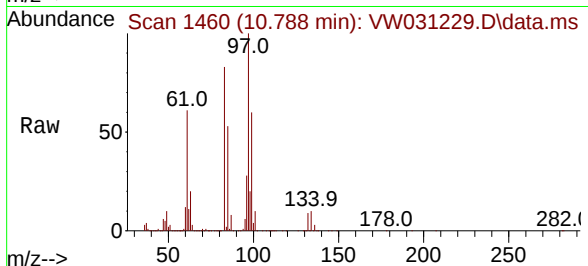




#45
1,1,2-Trichloroethane
Concen: 52.444 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW031229.D
Acq: 13 Dec 2024 10:39

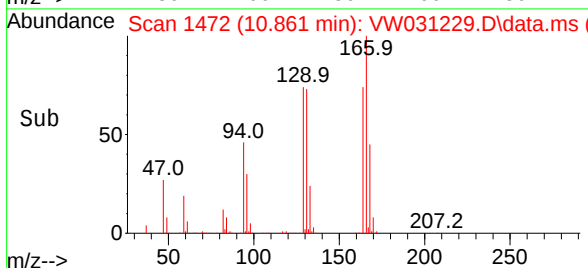
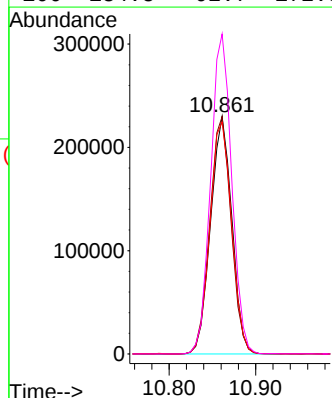
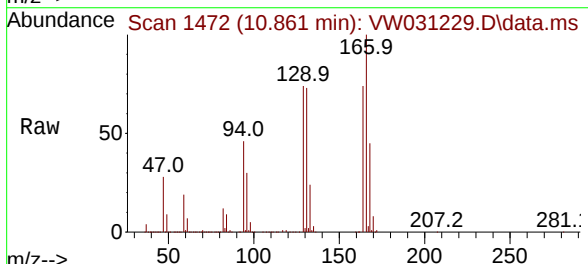
Instrument :
MSVOA_W
ClientSampleId :

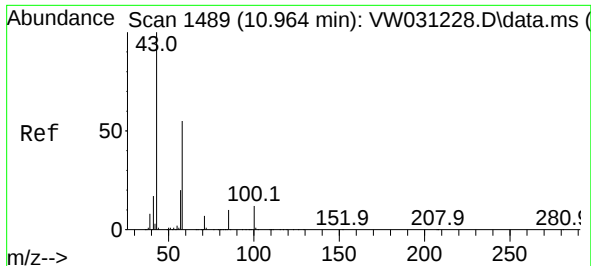
Tgt Ion:	97	Resp:	332276
Ion	Ratio	Lower	Upper
97	100		
99	60.1	43.0	80.0
83	83.4	56.4	104.7
85	53.2	37.9	70.3



#46
Tetrachloroethene
Concen: 49.586 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW031229.D
Acq: 13 Dec 2024 10:39

Tgt Ion:	164	Resp:	391568
Ion	Ratio	Lower	Upper
164	100		
129	99.9	73.5	136.5
131	97.7	66.6	123.8
166	134.8	92.7	172.3





#48

2-Hexanone

Concen: 112.218 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

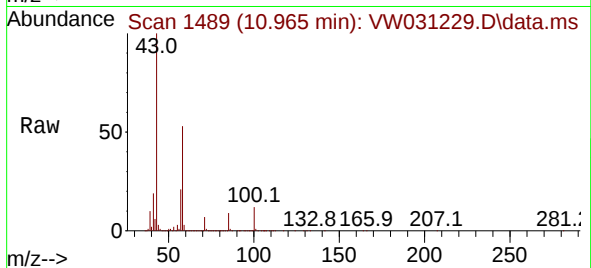
Lab File: VW031229.D

Acq: 13 Dec 2024 10:39

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 482358

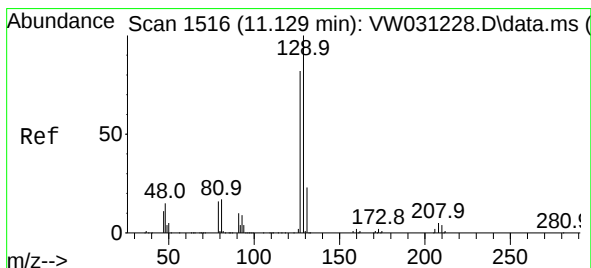
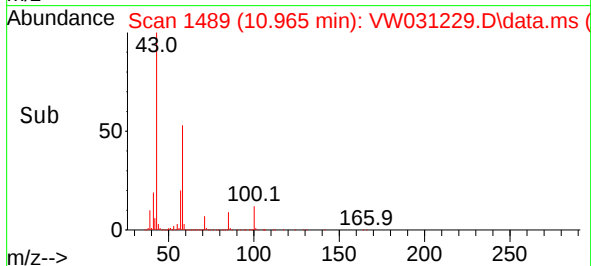
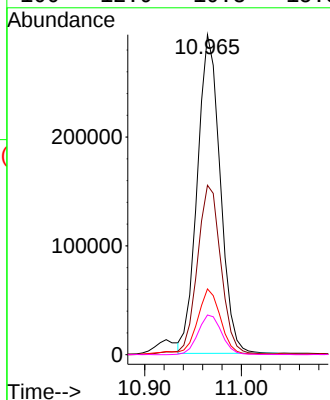
Ion Ratio Lower Upper

43 100

58 54.8 43.0 64.6

57 20.1 15.7 23.5

100 12.9 10.3 15.5



#49

Dibromochloromethane

Concen: 52.312 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VW031229.D

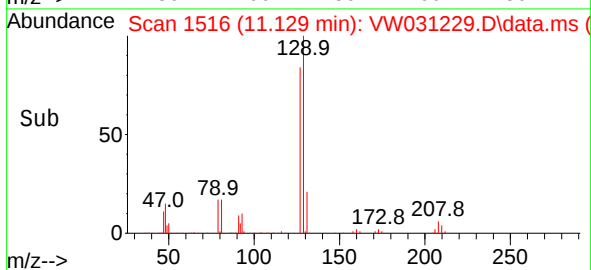
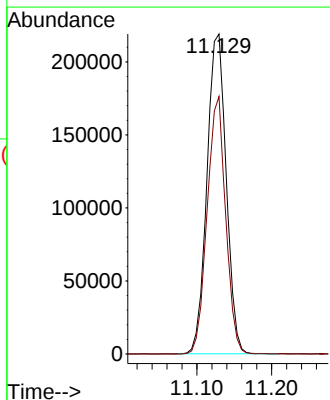
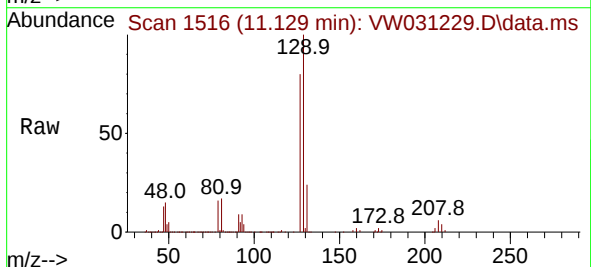
Acq: 13 Dec 2024 10:39

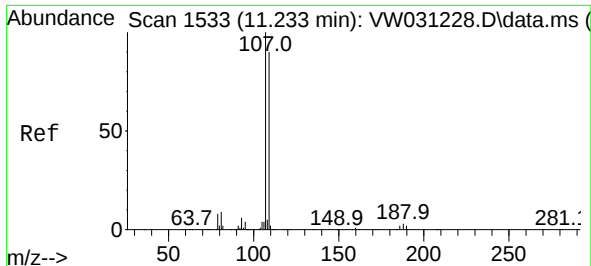
Tgt Ion:129 Resp: 392904

Ion Ratio Lower Upper

129 100

127 80.5 57.6 107.0





#50

1,2-Dibromoethane

Concen: 52.243 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW031229.D

Acq: 13 Dec 2024 10:39

Instrument :

MSVOA_W

ClientSampleId :

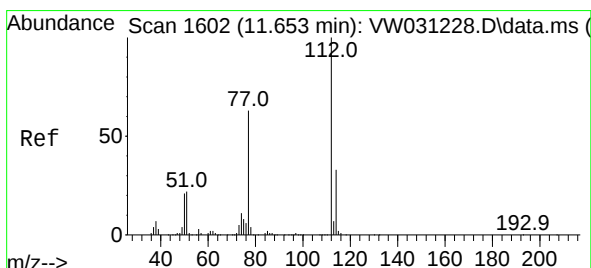
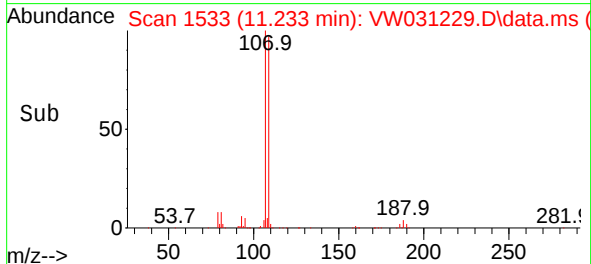
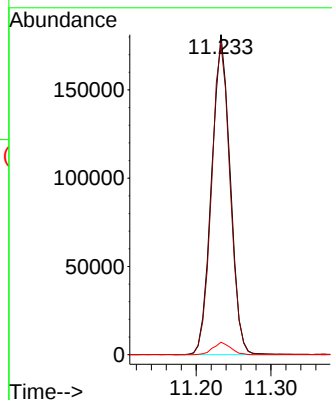
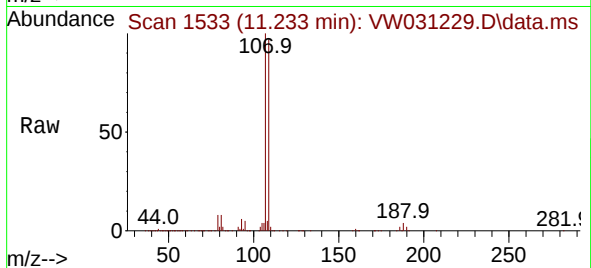
Tgt Ion:107 Resp: 313582

Ion Ratio Lower Upper

107 100

109 97.0 63.2 117.4

188 3.9 2.6 4.0



#51

Chlorobenzene

Concen: 51.111 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW031229.D

Acq: 13 Dec 2024 10:39

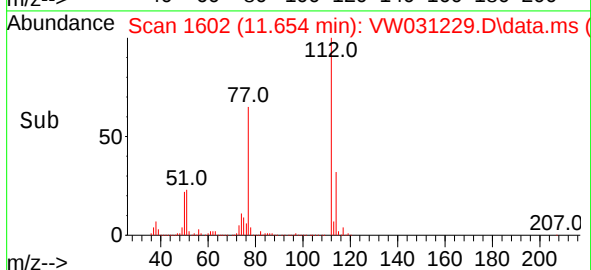
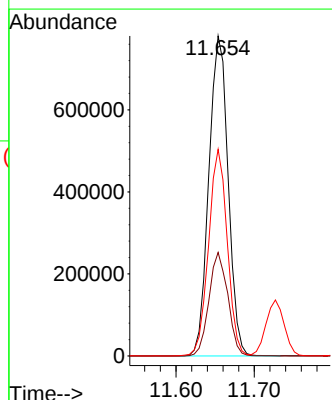
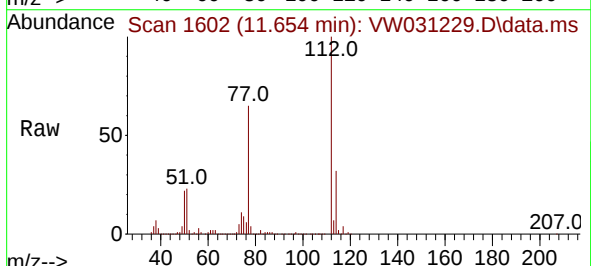
Tgt Ion:112 Resp: 1332304

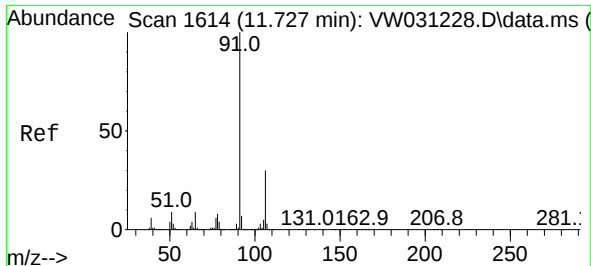
Ion Ratio Lower Upper

112 100

114 32.4 22.7 42.3

77 64.6 50.2 75.4





#52

Ethylbenzene

Concen: 50.658 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031229.D

Acq: 13 Dec 2024 10:39

Instrument :

MSVOA_W

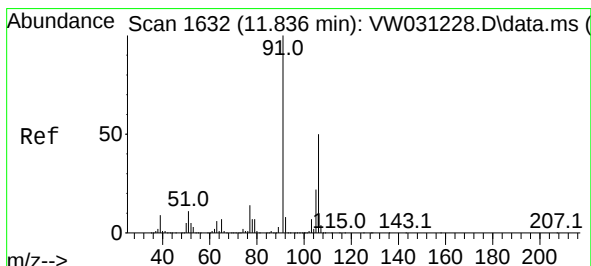
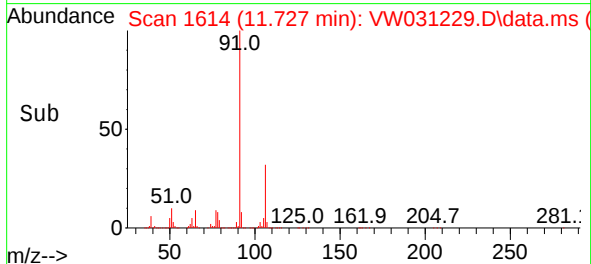
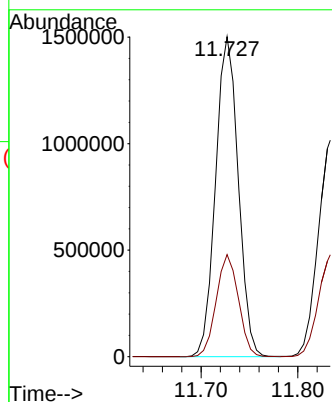
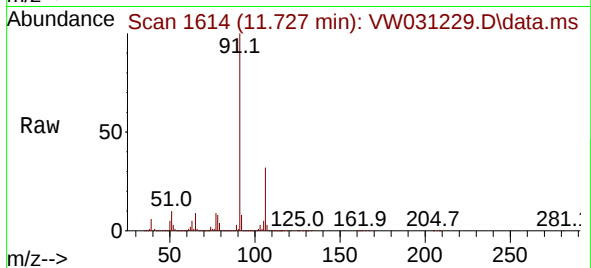
ClientSampleId :

Tgt Ion: 91 Resp: 2440921

Ion Ratio Lower Upper

91 100

106 31.9 20.7 38.5



#53

m,p-Xylene

Concen: 50.870 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW031229.D

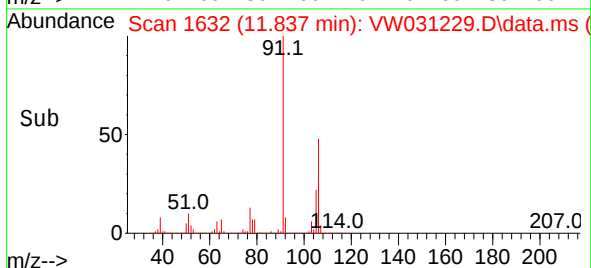
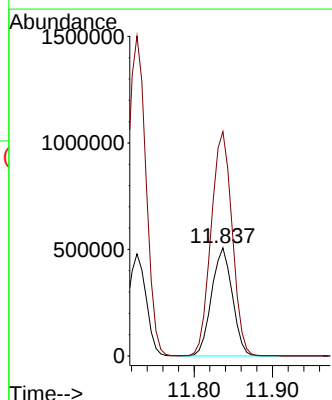
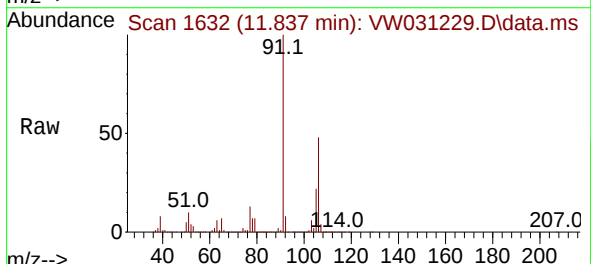
Acq: 13 Dec 2024 10:39

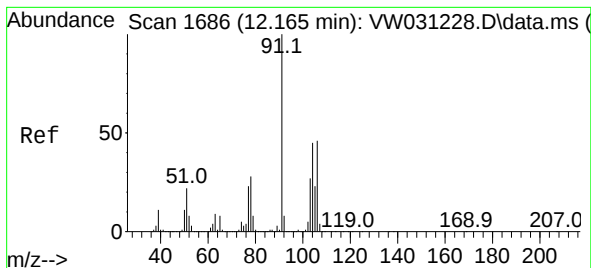
Tgt Ion:106 Resp: 933121

Ion Ratio Lower Upper

106 100

91 207.4 139.9 259.7





#54

o-Xylene

Concen: 51.526 ug/L

RT: 12.160 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW031229.D

Acq: 13 Dec 2024 10:39

Instrument :

MSVOA_W

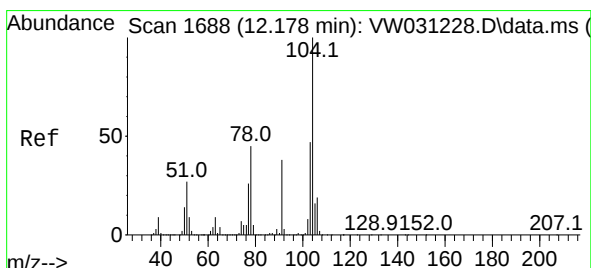
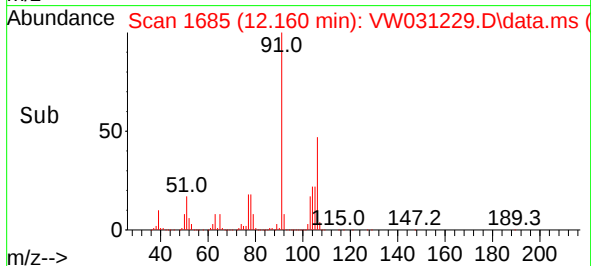
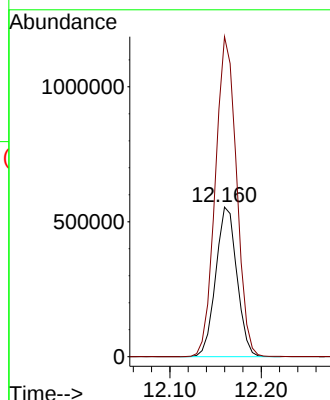
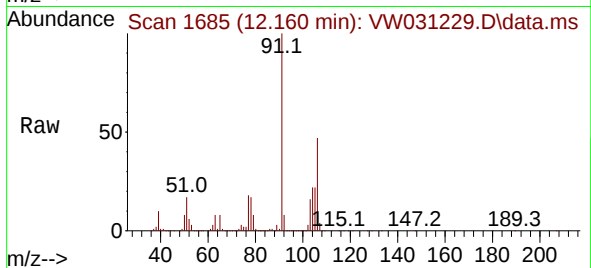
ClientSampleId :

Tgt Ion:106 Resp: 890765

Ion Ratio Lower Upper

106 100

91 213.8 153.1 284.3



#55

Styrene

Concen: 51.746 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW031229.D

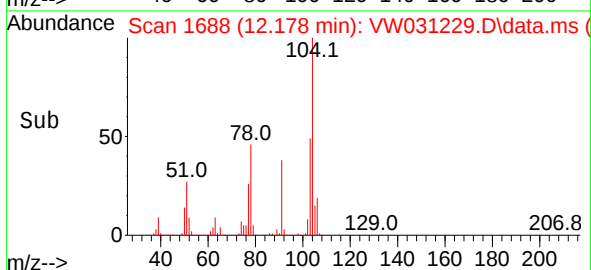
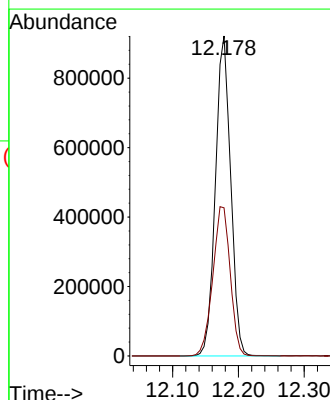
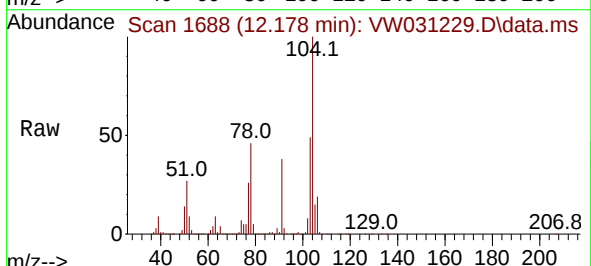
Acq: 13 Dec 2024 10:39

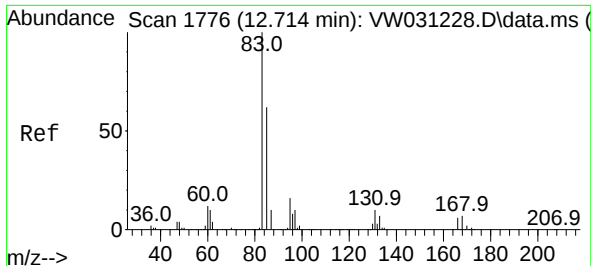
Tgt Ion:104 Resp: 1488007

Ion Ratio Lower Upper

104 100

78 46.3 31.4 58.4





#57

1,1,2,2-Tetrachloroethane

Concen: 52.347 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW031229.D

Acq: 13 Dec 2024 10:39

Instrument :

MSVOA_W

ClientSampleId :

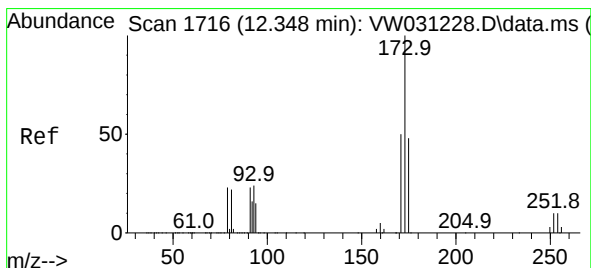
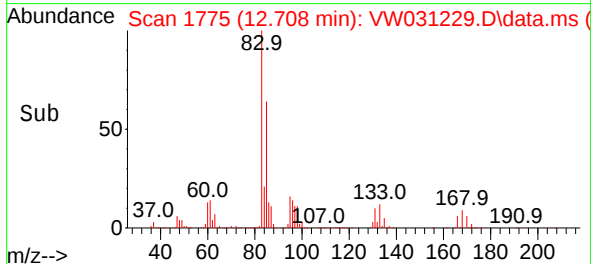
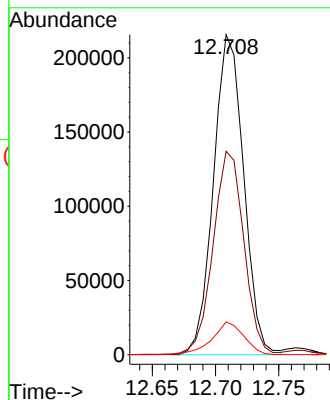
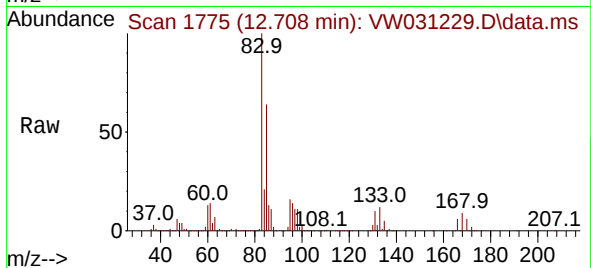
Tgt Ion: 83 Resp: 357693

Ion Ratio Lower Upper

83 100

85 63.6 44.1 81.9

131 10.2 7.9 11.9



#59

Bromoform

Concen: 52.507 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW031229.D

Acq: 13 Dec 2024 10:39

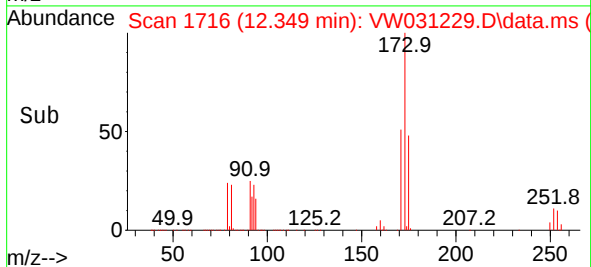
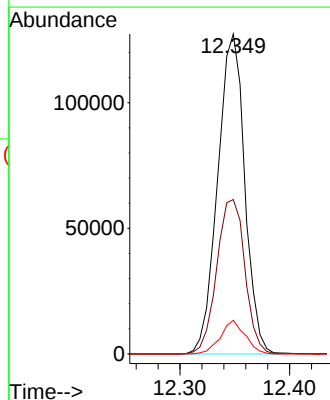
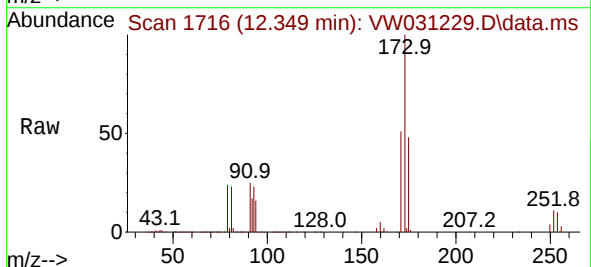
Tgt Ion:173 Resp: 218052

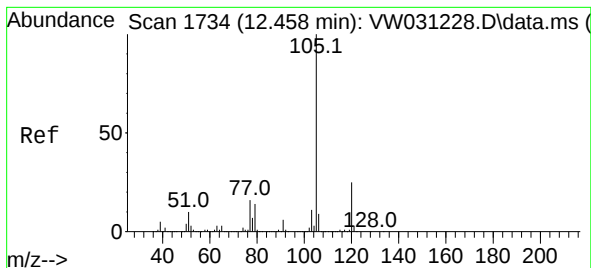
Ion Ratio Lower Upper

173 100

175 50.3 38.6 57.8

254 9.6 7.6 11.4





#60

Isopropylbenzene

Concen: 49.870 ug/L

RT: 12.458 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031229.D

Acq: 13 Dec 2024 10:39

Instrument :

MSVOA_W

ClientSampleId :

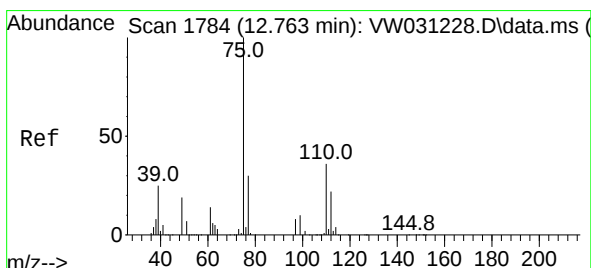
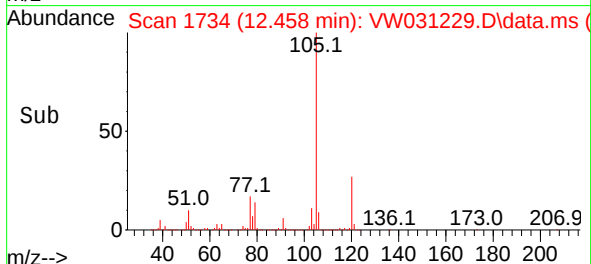
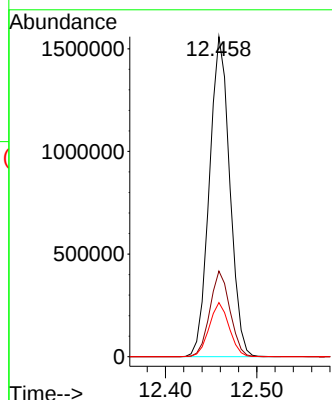
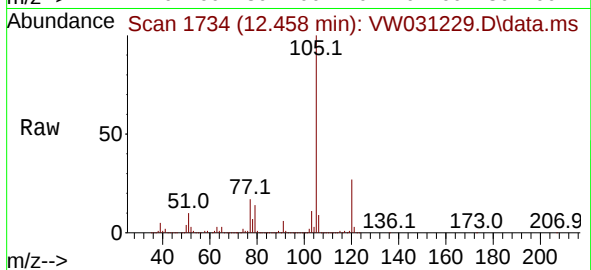
Tgt Ion:105 Resp: 2412444

Ion Ratio Lower Upper

105 100

120 26.3 20.6 31.0

77 16.5 12.8 19.2



#61

1,2,3-Trichloropropane

Concen: 51.714 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW031229.D

Acq: 13 Dec 2024 10:39

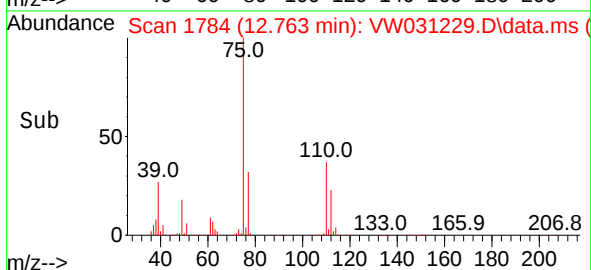
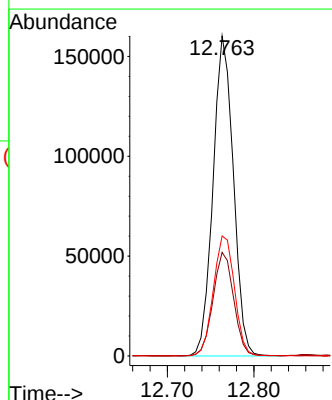
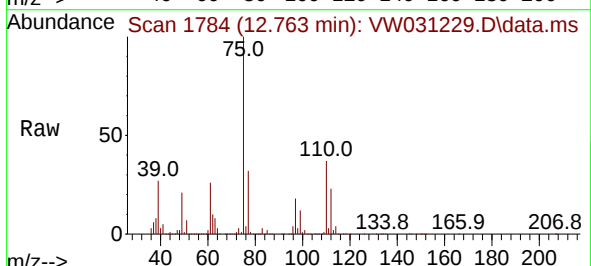
Tgt Ion: 75 Resp: 261587

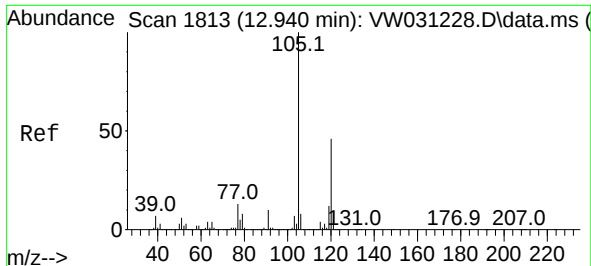
Ion Ratio Lower Upper

75 100

77 32.6 25.3 37.9

110 38.9 31.2 46.8

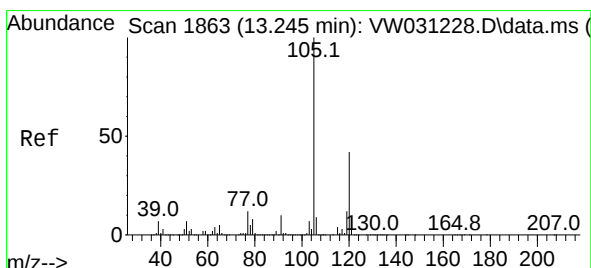
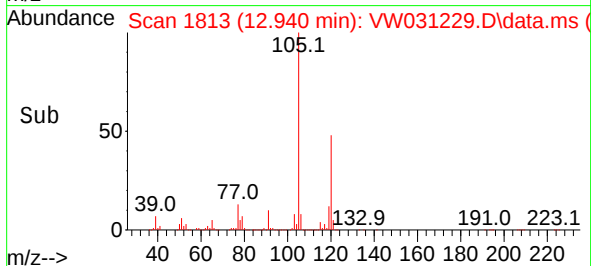
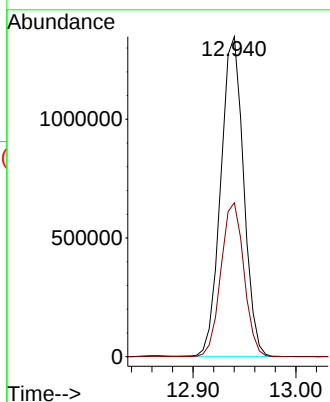
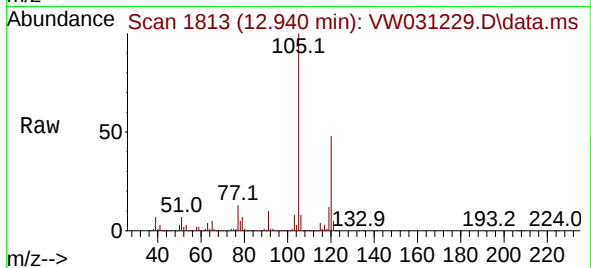




#62
1,3,5-Trimethylbenzene
Concen: 50.637 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW031229.D
Acq: 13 Dec 2024 10:39

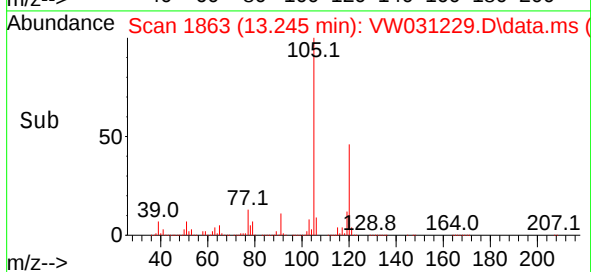
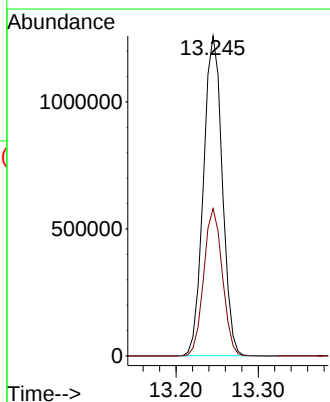
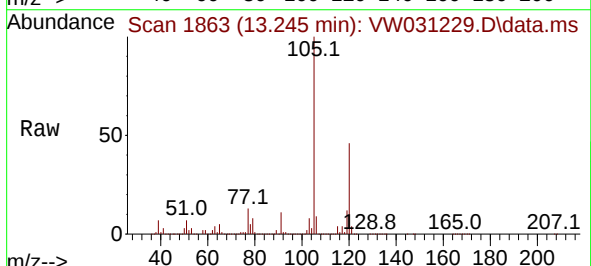
Instrument :
MSVOA_W
ClientSampleId :

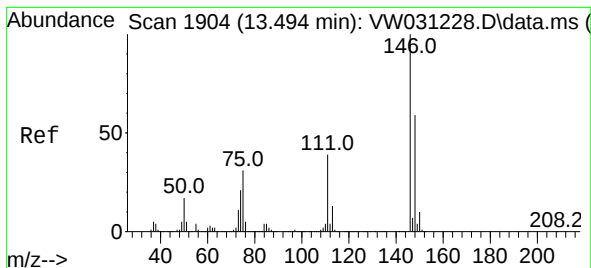
Tgt Ion:105 Resp: 2076755
Ion Ratio Lower Upper
105 100
120 48.5 37.3 55.9



#63
1,2,4-Trimethylbenzene
Concen: 50.495 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW031229.D
Acq: 13 Dec 2024 10:39

Tgt Ion:105 Resp: 2001605
Ion Ratio Lower Upper
105 100
120 45.6 35.0 52.4





#64

1,3-Dichlorobenzene

Concen: 51.113 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

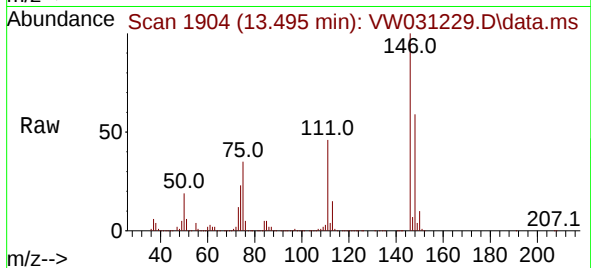
Lab File: VW031229.D

Acq: 13 Dec 2024 10:39

Instrument :

MSVOA_W

ClientSampleId :



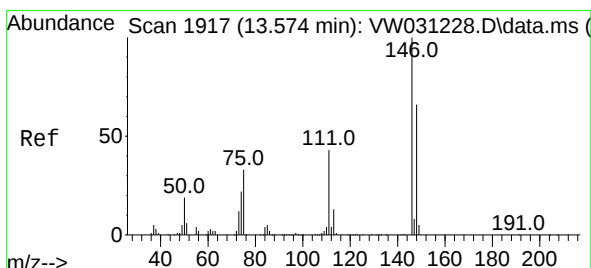
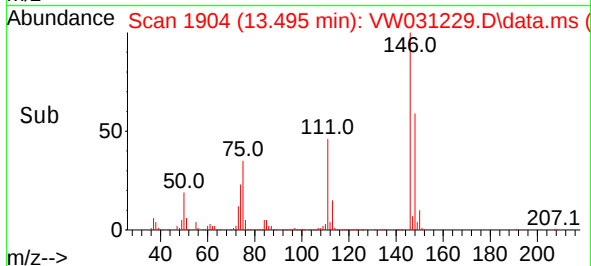
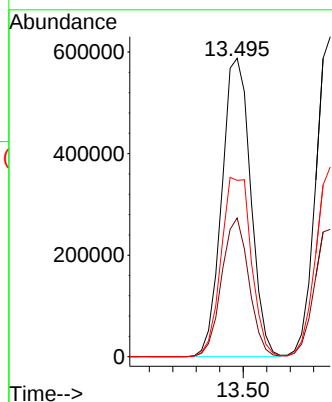
Tgt Ion:146 Resp: 1001786

Ion Ratio Lower Upper

146 100

111 46.5 27.6 51.2

148 59.1 41.0 76.2



#65

1,4-Dichlorobenzene

Concen: 51.927 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW031229.D

Acq: 13 Dec 2024 10:39

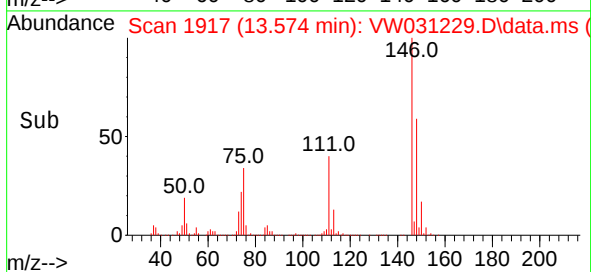
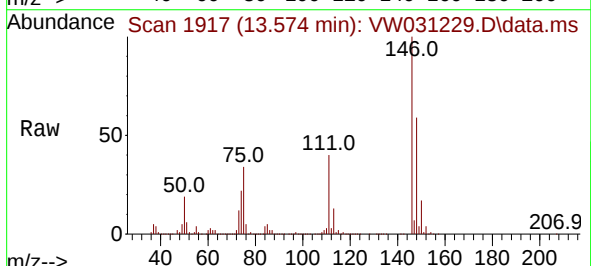
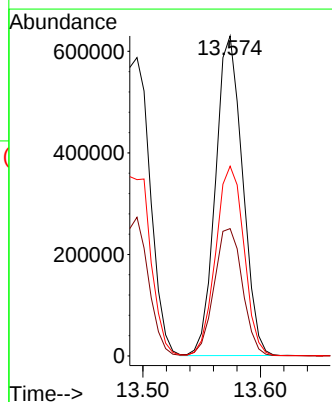
Tgt Ion:146 Resp: 1008377

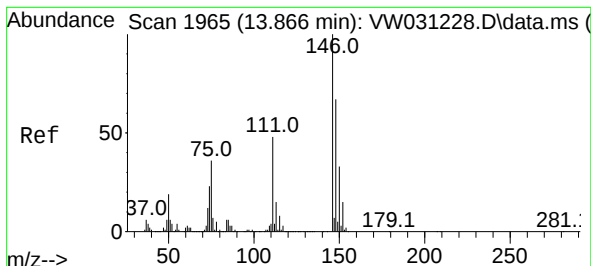
Ion Ratio Lower Upper

146 100

111 39.8 30.7 56.9

148 59.3 46.5 86.3





#67

1,2-Dichlorobenzene

Concen: 53.047 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW031229.D

Acq: 13 Dec 2024 10:39

Instrument :

MSVOA_W

ClientSampleId :

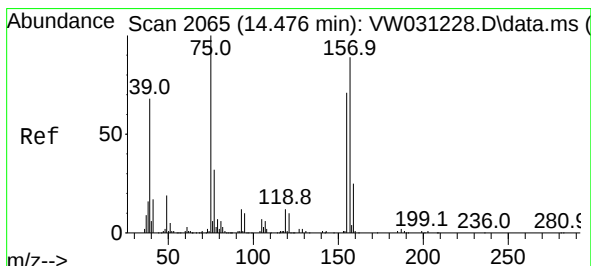
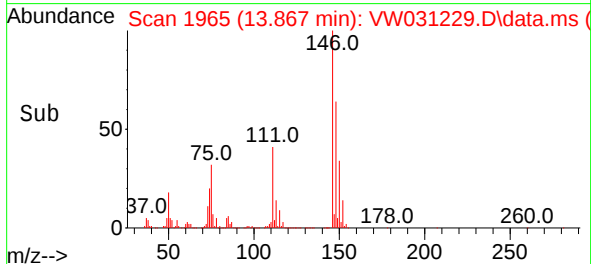
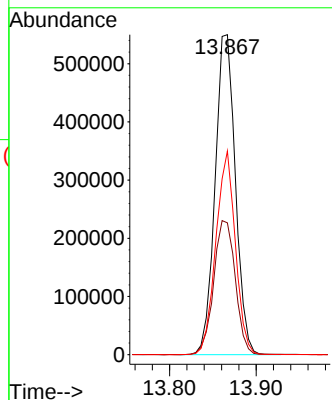
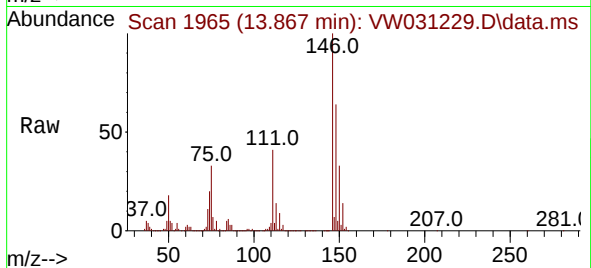
Tgt Ion:146 Resp: 895817

Ion Ratio Lower Upper

146 100

111 41.2 38.6 58.0

148 63.7 53.6 80.4



#68

1,2-Dibromo-3-chloropropane

Concen: 50.586 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW031229.D

Acq: 13 Dec 2024 10:39

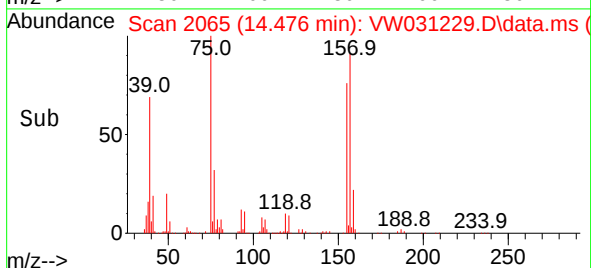
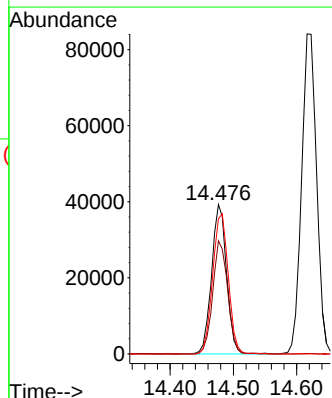
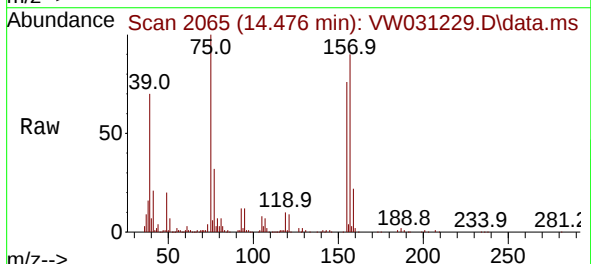
Tgt Ion: 75 Resp: 64935

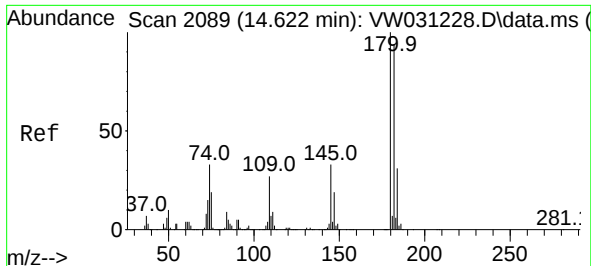
Ion Ratio Lower Upper

75 100

155 75.7 56.6 85.0

157 90.4 71.2 106.8





#69

1,3,5-Trichlorobenzene

Concen: 50.945 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

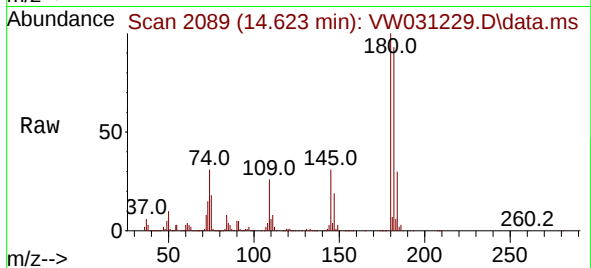
Lab File: VW031229.D

Acq: 13 Dec 2024 10:39

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 699310

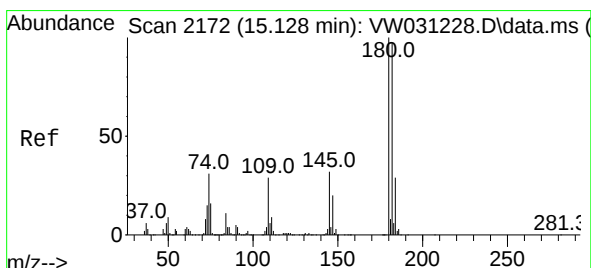
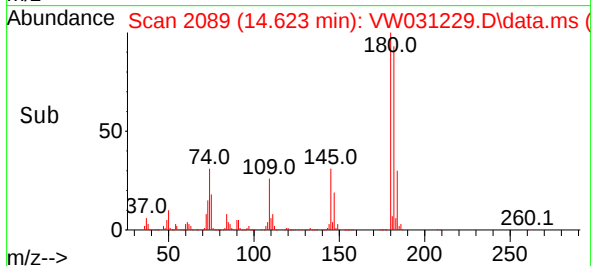
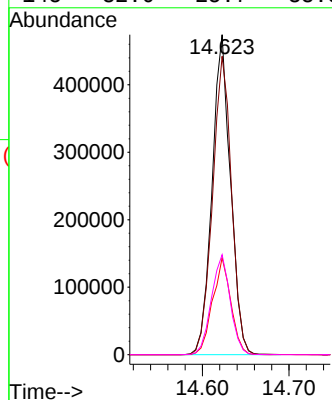
Ion Ratio Lower Upper

180 100

182 96.2 75.0 112.4

184 30.1 24.6 36.8

145 32.0 25.7 38.5



#70

1,2,4-trichlorobenzene

Concen: 52.124 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW031229.D

Acq: 13 Dec 2024 10:39

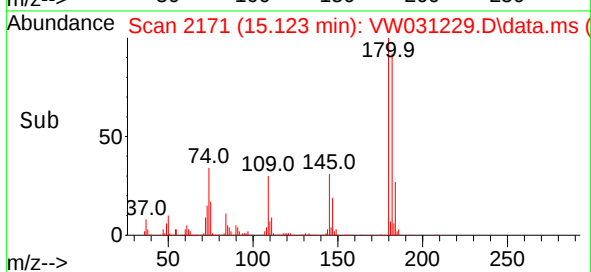
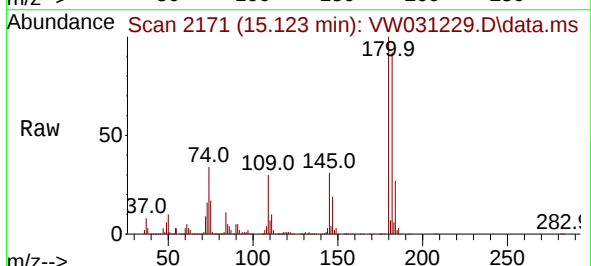
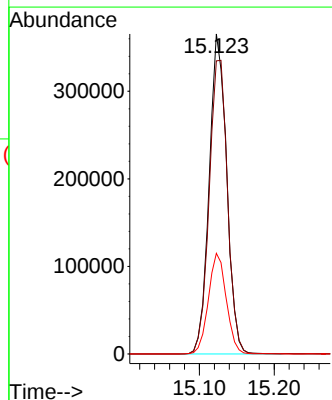
Tgt Ion:180 Resp: 595173

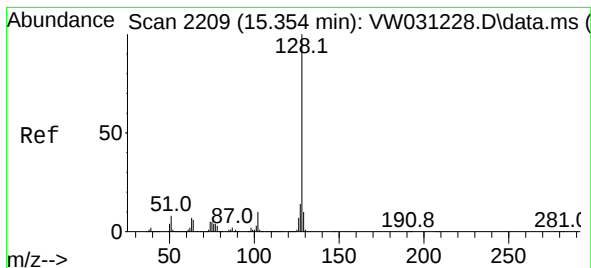
Ion Ratio Lower Upper

180 100

182 96.4 78.2 117.2

145 32.1 26.7 40.1





#71

Naphthalene

Concen: 52.990 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VW031229.D

Acq: 13 Dec 2024 10:39

Instrument :

MSVOA_W

ClientSampleId :

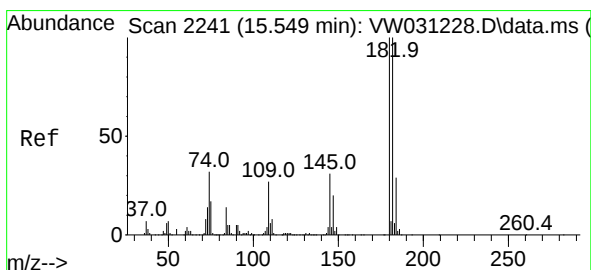
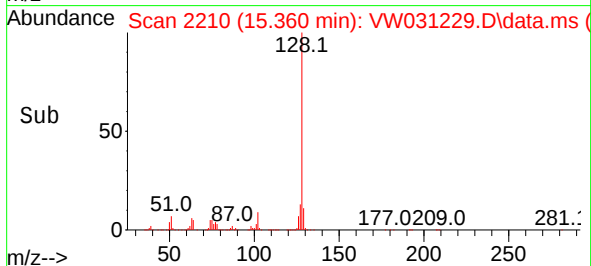
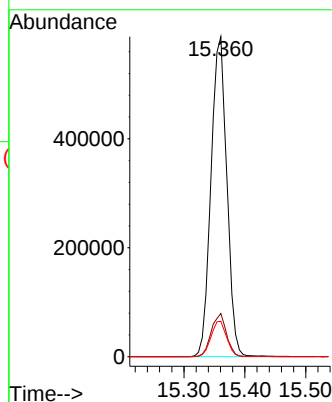
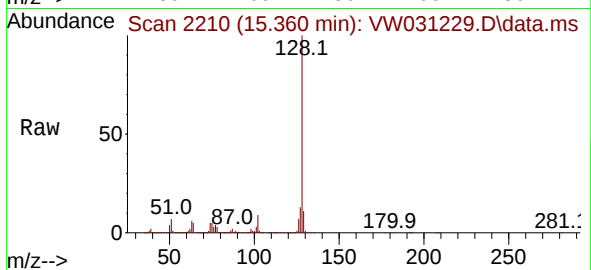
Tgt Ion:128 Resp: 1060805

Ion Ratio Lower Upper

128 100

127 13.0 10.7 16.1

129 10.9 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 51.794 ug/L

RT: 15.543 min Scan# 2240

Delta R.T. -0.006 min

Lab File: VW031229.D

Acq: 13 Dec 2024 10:39

Tgt Ion:180 Resp: 476500

Ion Ratio Lower Upper

180 100

182 92.3 75.0 112.4

145 34.9 27.8 41.6

