

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091624\
 Data File : VW030135.D
 Acq On : 16 Sep 2024 15:45
 Operator : SY/MD
 Sample : VSTD050
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 17 04:20:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091624SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Sep 17 04:16:13 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	256134	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	233465	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	118042	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	140202	42.386	ug/L	0.00
7) Chloroethane-d5	2.899	69	104653	44.815	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	74078	44.822	ug/L	0.00
21) 2-Butanone-d5	7.075	46	82951	104.147	ug/L	0.00
24) Chloroform-d	7.648	84	319922	45.427	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	162431	45.929	ug/L	0.00
32) Benzene-d6	8.276	84	636065	47.293	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	191767	46.180	ug/L	0.00
41) Toluene-d8	10.319	98	567595	47.092	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	81041	48.712	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	72373	113.895	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	152869	49.446	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	185186	46.214	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	143619	51.994	ug/L	94
3) Chloromethane	2.222	50	127713	48.432	ug/L	98
5) Vinyl chloride	2.375	62	152971	47.072	ug/L	97
6) Bromomethane	2.789	94	94905	48.748	ug/L	94
8) Chloroethane	2.936	64	89770	46.284	ug/L	97
9) Trichlorofluoromethane	3.271	101	188937	49.296	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	166910	48.496	ug/L	97
12) 1,1-Dichloroethene	4.045	96	153296	50.139	ug/L	95
13) Acetone	4.118	43	96247	105.677	ug/L	99
14) Carbon disulfide	4.387	76	410652	47.281	ug/L	98
15) Methyl Acetate	4.667	43	75484	50.796	ug/L	99
16) Methylene chloride	4.917	84	166045	43.964	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	162282	48.148	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	283688	53.406	ug/L	98
19) 1,1-Dichloroethane	6.216	63	335243	48.983	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	188690	51.011	ug/L	94
22) 2-Butanone	7.167	43	118042	111.945	ug/L	100
23) Bromochloromethane	7.514	128	80492	48.693	ug/L	95
25) Chloroform	7.679	83	343645	49.436	ug/L	91
27) 1,2-Dichloroethane	8.398	62	215866	49.522	ug/L	99
29) Cyclohexane	7.959	56	268877	54.055	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	284114	50.312	ug/L	99
31) Carbon tetrachloride	8.075	117	254213	49.541	ug/L	99
33) Benzene	8.325	78	715513	50.127	ug/L	100
34) Trichloroethene	9.093	95	189174	49.095	ug/L	97
35) Methylcyclohexane	9.337	83	307592	51.780	ug/L	99
37) 1,2-Dichloropropane	9.368	63	195149	50.441	ug/L	99
38) Bromodichloromethane	9.648	83	245206	50.333	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	307840	54.391	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	223115	112.864	ug/L	100
42) Toluene	10.386	91	770494	50.871	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	255711	53.708	ug/L	100

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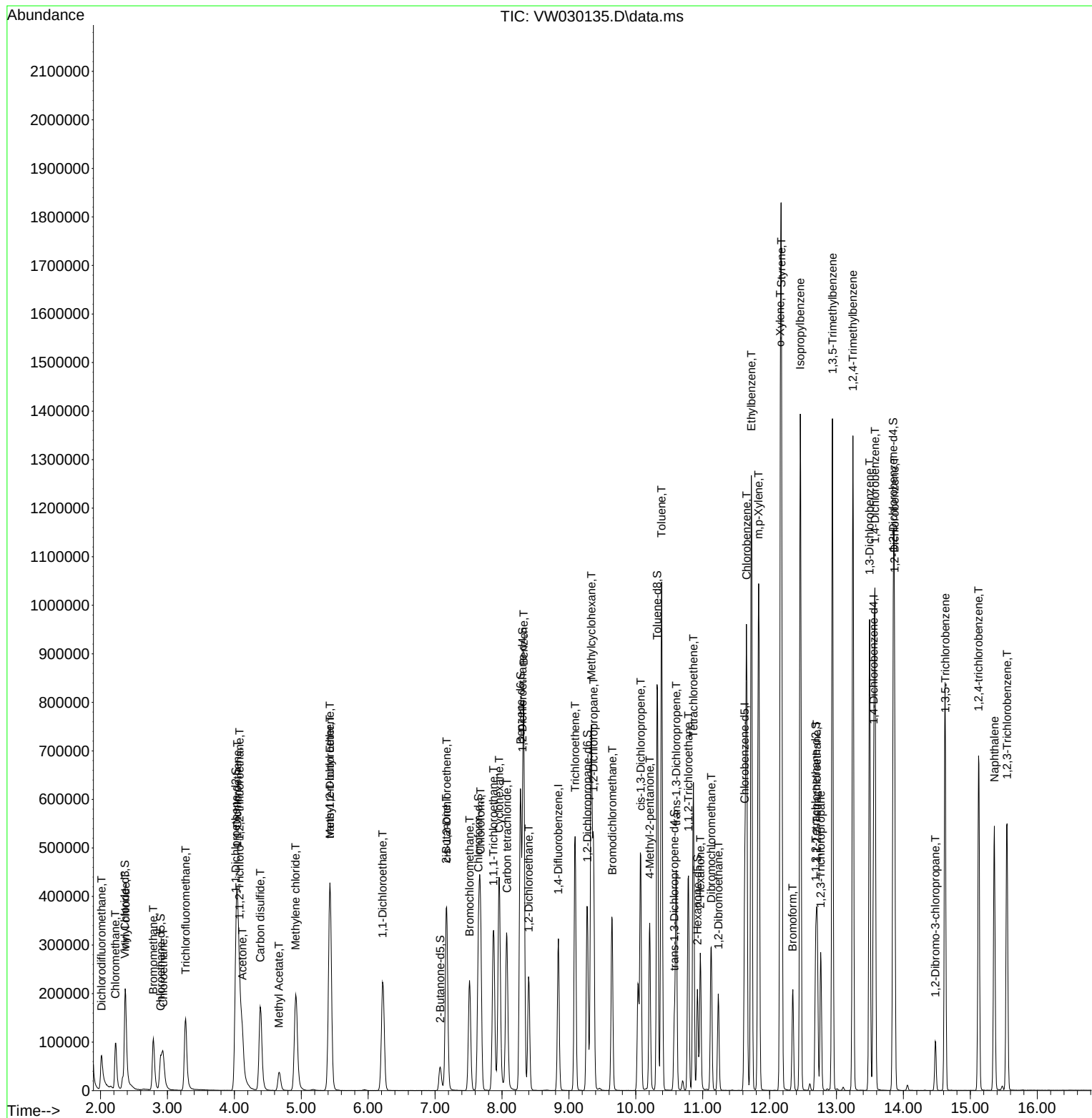
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	142678	50.682	ug/L	95
46) Tetrachloroethene	10.861	164	136071	47.858	ug/L	94
48) 2-Hexanone	10.965	43	170520	112.170	ug/L	98
49) Dibromochloromethane	11.129	129	158596	51.763	ug/L	96
50) 1,2-Dibromoethane	11.233	107	130919	50.435	ug/L	97
51) Chlorobenzene	11.654	112	485690	49.646	ug/L	98
52) Ethylbenzene	11.727	91	909446	52.455	ug/L	97
53) m,p-Xylene	11.837	106	336351	52.580	ug/L	97
54) o-Xylene	12.160	106	319101	53.011	ug/L	94
55) Styrene	12.178	104	561549	53.782	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	172220	51.253	ug/L	99
59) Bromoform	12.343	173	96939	51.889	ug/L	98
60) Isopropylbenzene	12.458	105	894149	51.447	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	121761	49.583	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	719463	56.480	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	713590	53.885	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	397346	51.586	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	383141	48.147	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	342212	49.297	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	27708	51.734	ug/L	99
69) 1,3,5-Trichlorobenzene	14.629	180	250122	46.522	ug/L	96
70) 1,2,4-trichlorobenzene	15.123	180	220950	50.733	ug/L	97
71) Naphthalene	15.360	128	442948	56.008	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	185809	48.653	ug/L	98

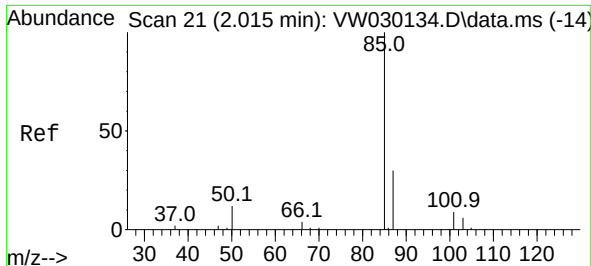
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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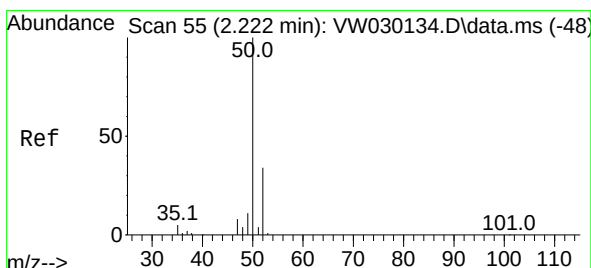
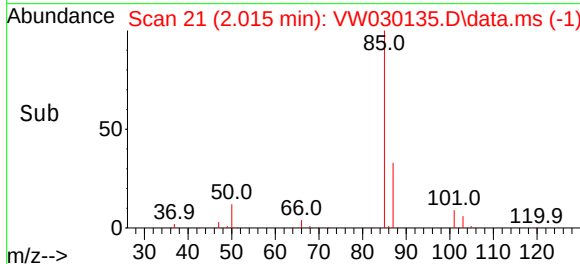
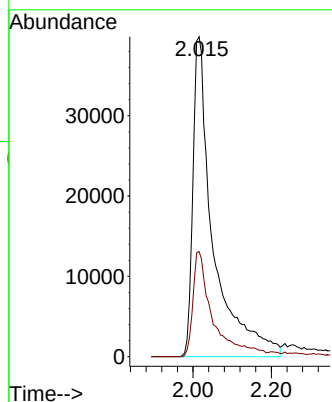
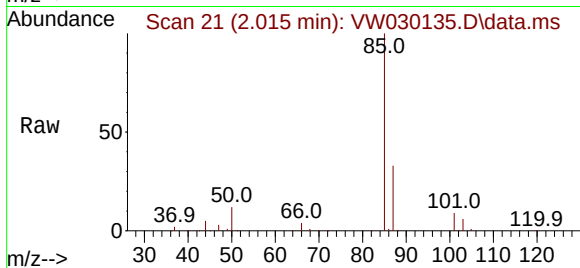




#2
Dichlorodifluoromethane
Concen: 51.994 ug/L
RT: 2.015 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW030135.D
Acq: 16 Sep 2024 15:45

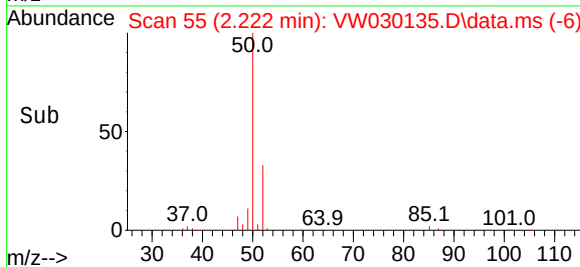
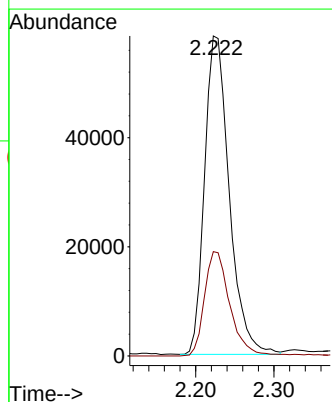
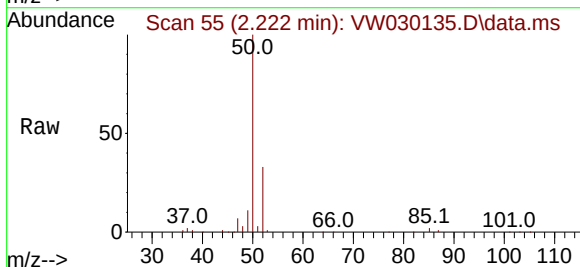
Instrument :
MSVOA_W
ClientSampleId :

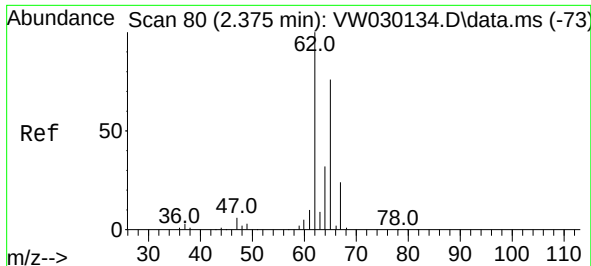
Tgt Ion: 85 Resp: 143619
Ion Ratio Lower Upper
85 100
87 29.6 21.2 31.8



#3
Chloromethane
Concen: 48.432 ug/L
RT: 2.222 min Scan# 55
Delta R.T. 0.000 min
Lab File: VW030135.D
Acq: 16 Sep 2024 15:45

Tgt Ion: 50 Resp: 127713
Ion Ratio Lower Upper
50 100
52 32.6 23.4 43.6

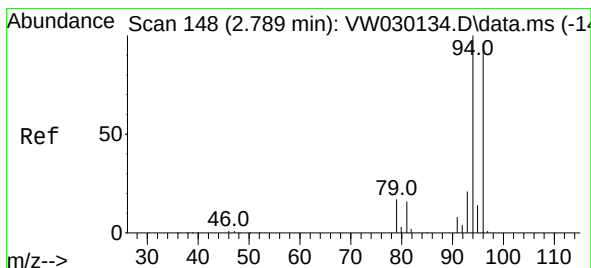
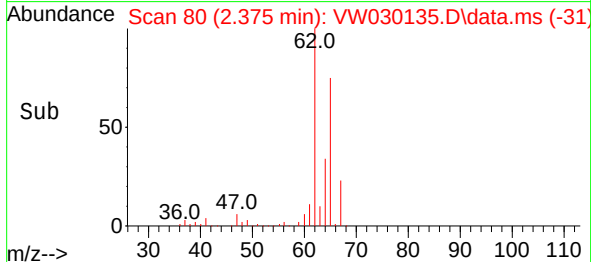
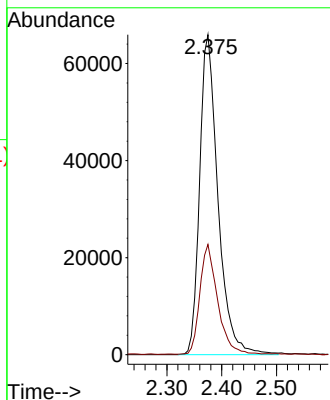
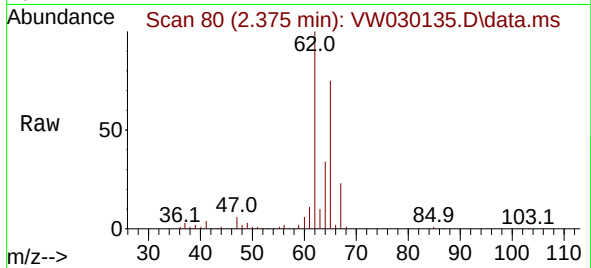




#5
 Vinyl chloride
 Concen: 47.072 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW030135.D
 Acq: 16 Sep 2024 15:45

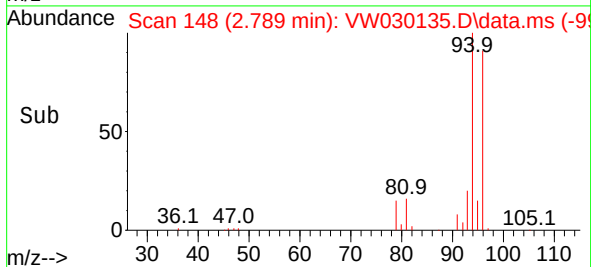
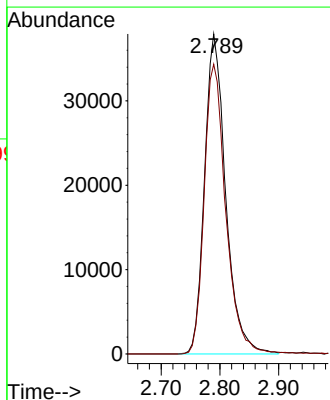
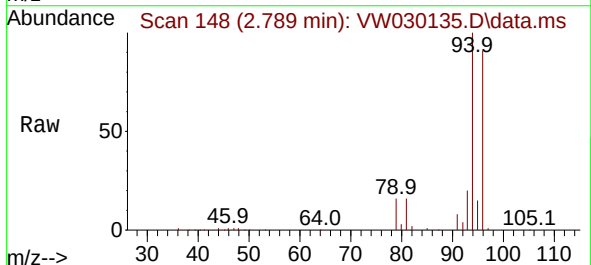
Instrument :
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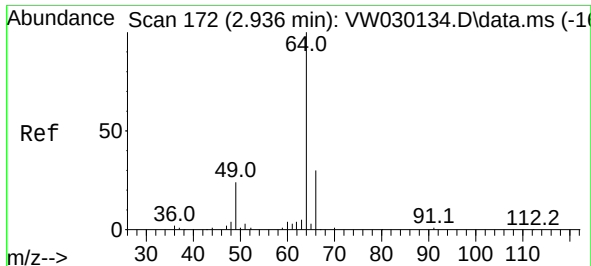
Tgt Ion: 62 Resp: 152971
 Ion Ratio Lower Upper
 62 100
 64 34.5 23.0 42.8



#6
 Bromomethane
 Concen: 48.748 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW030135.D
 Acq: 16 Sep 2024 15:45

Tgt Ion: 94 Resp: 94905
 Ion Ratio Lower Upper
 94 100
 96 90.6 67.5 125.3

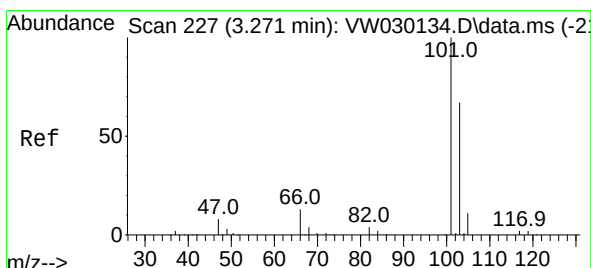
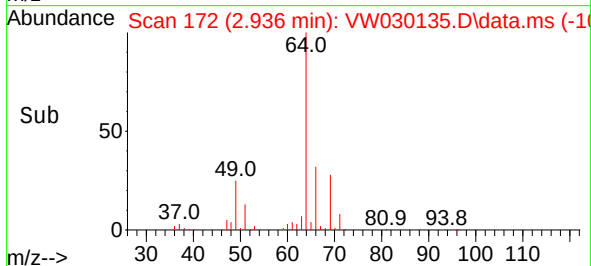
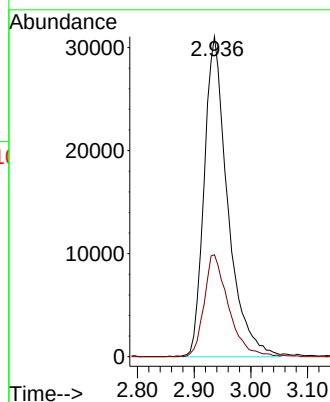
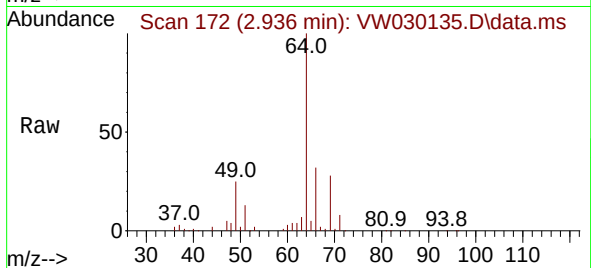




#8
Chloroethane
Concen: 46.284 ug/L
RT: 2.936 min Scan# 172
Delta R.T. 0.000 min
Lab File: VW030135.D
Acq: 16 Sep 2024 15:45

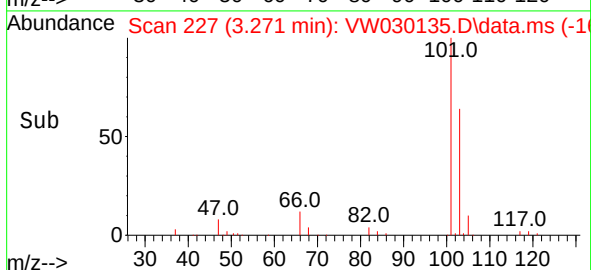
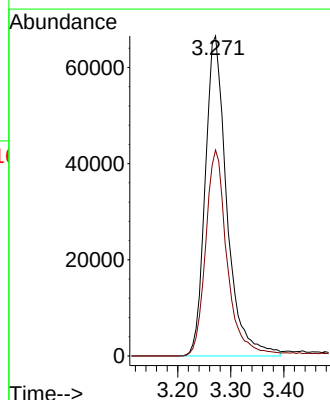
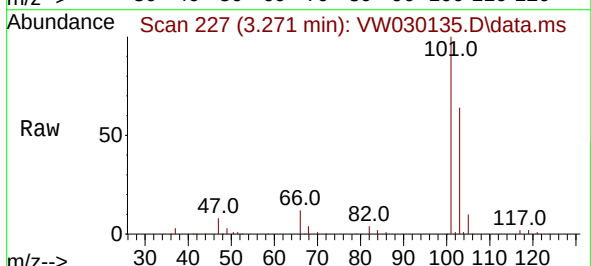
Instrument :
MSVOA_W
ClientSampleId :

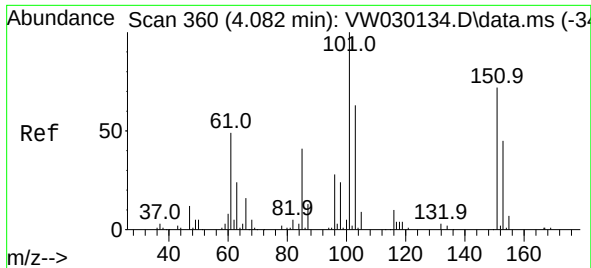
Tgt Ion: 64 Resp: 89770
Ion Ratio Lower Upper
64 100
66 31.9 21.1 39.3



#9
Trichlorofluoromethane
Concen: 49.296 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.000 min
Lab File: VW030135.D
Acq: 16 Sep 2024 15:45

Tgt Ion:101 Resp: 188937
Ion Ratio Lower Upper
101 100
103 64.0 51.8 77.6





#10

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

Concen: 48.496 ug/L

RT: 4.076 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW030135.D

Acq: 16 Sep 2024 15:45

Instrument :

MSVOA_W

ClientSampleId :

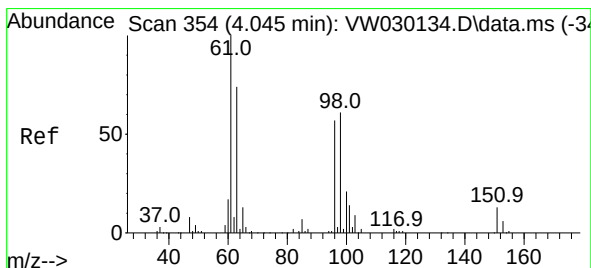
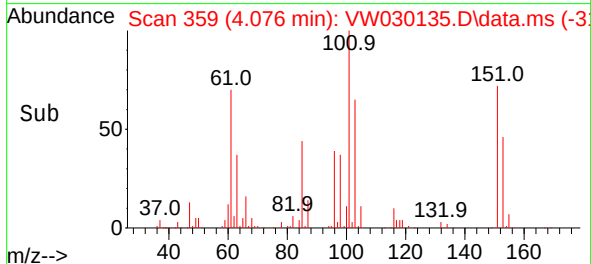
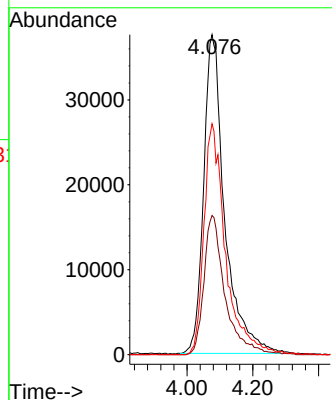
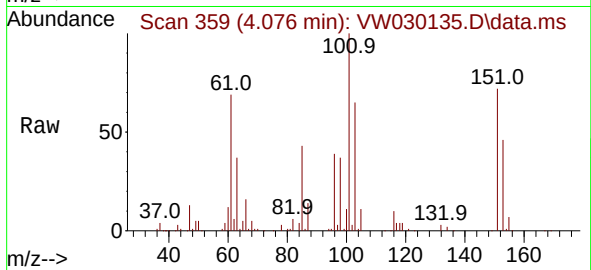
Tgt Ion:101 Resp: 166910

Ion Ratio Lower Upper

101 100

85 42.1 34.2 51.2

151 73.2 56.1 84.1



#12

1,1-Dichloroethene

Concen: 50.139 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.000 min

Lab File: VW030135.D

Acq: 16 Sep 2024 15:45

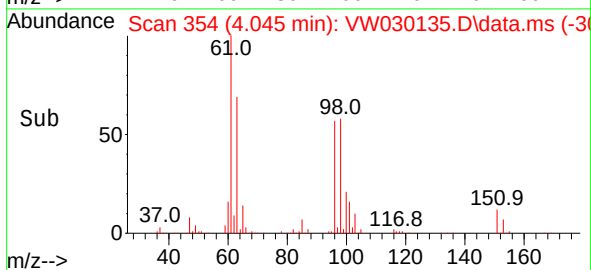
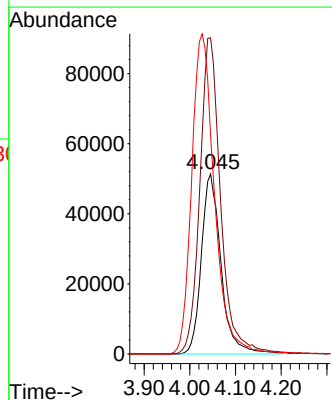
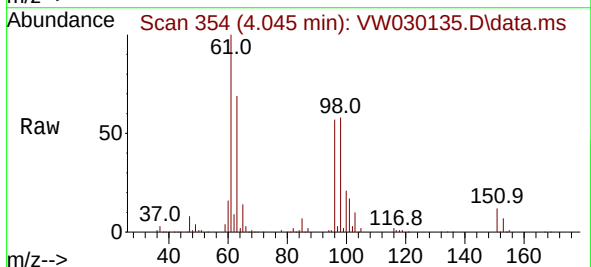
Tgt Ion: 96 Resp: 153296

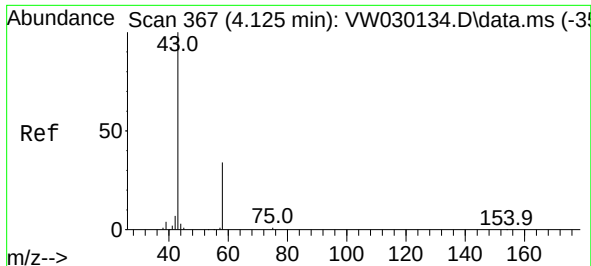
Ion Ratio Lower Upper

96 100

61 175.6 124.0 230.4

63 121.1 93.3 173.3

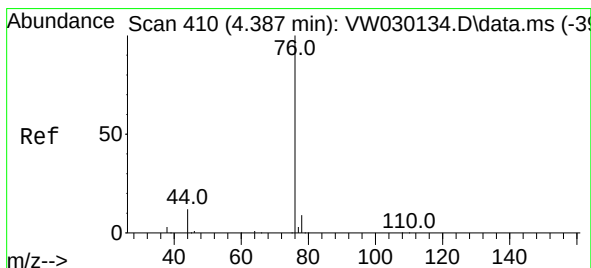
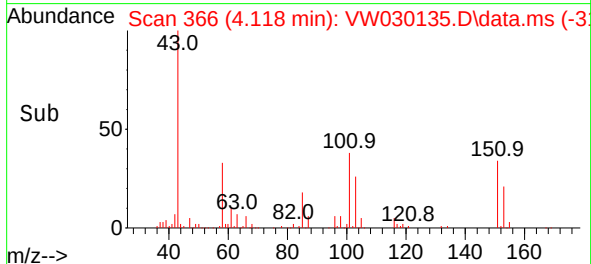
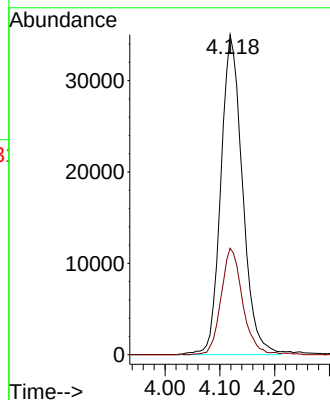
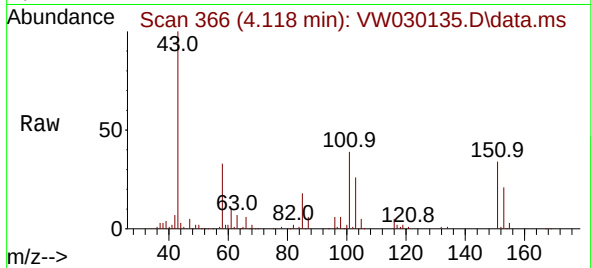




#13
Acetone
Concen: 105.677 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.006 min
Lab File: VW030135.D
Acq: 16 Sep 2024 15:45

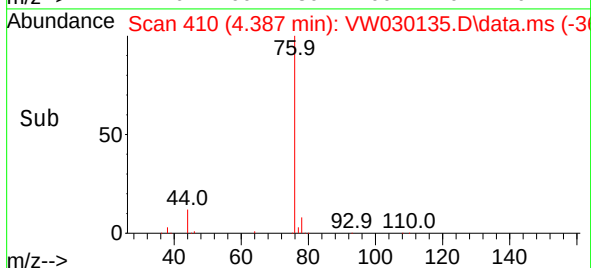
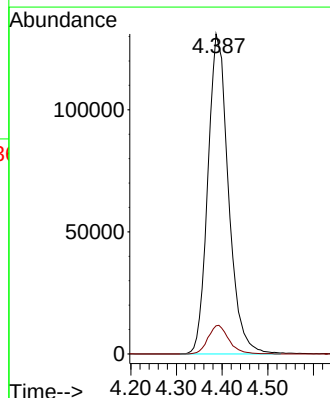
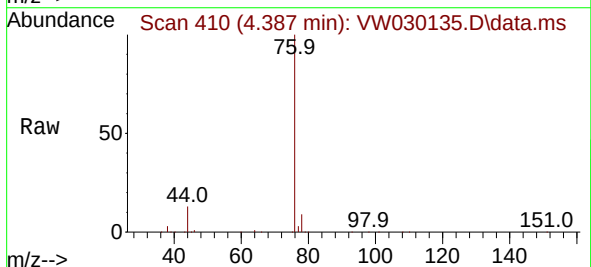
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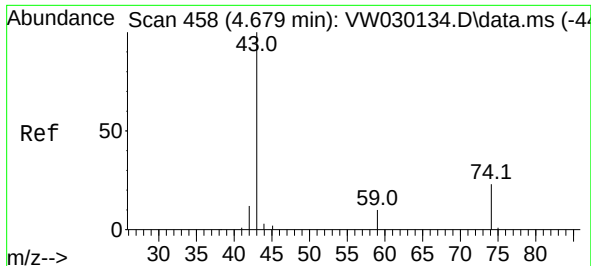
Tgt Ion: 43 Resp: 96247
Ion Ratio Lower Upper
43 100
58 32.8 0.0 65.0



#14
Carbon disulfide
Concen: 47.281 ug/L
RT: 4.387 min Scan# 410
Delta R.T. 0.000 min
Lab File: VW030135.D
Acq: 16 Sep 2024 15:45

Tgt Ion: 76 Resp: 410652
Ion Ratio Lower Upper
76 100
78 8.8 7.6 11.4

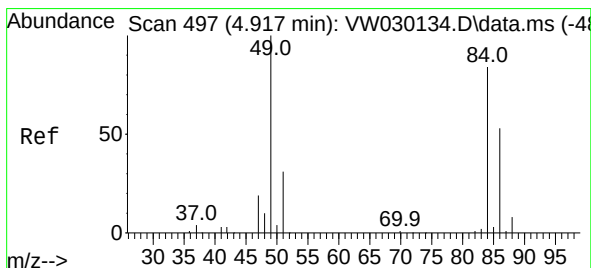
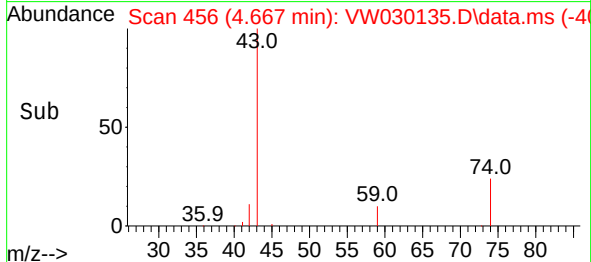
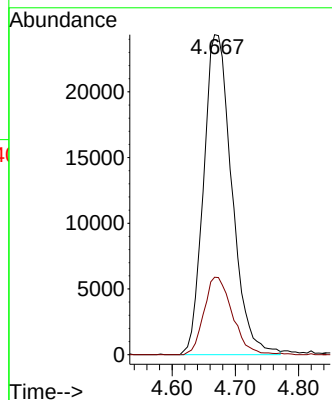
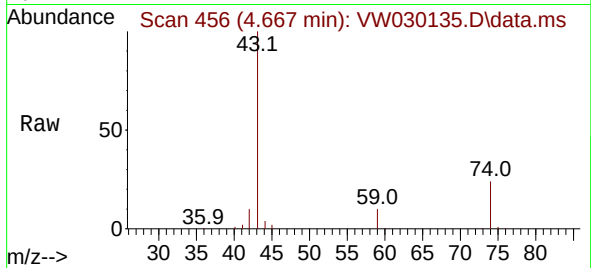




#15
Methyl Acetate
Concen: 50.796 ug/L
RT: 4.667 min Scan# 456
Delta R.T. -0.012 min
Lab File: VW030135.D
Acq: 16 Sep 2024 15:45

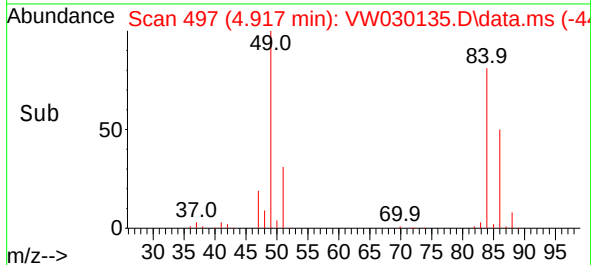
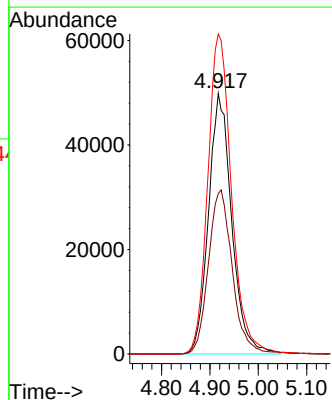
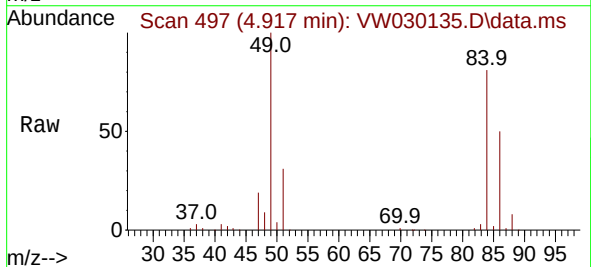
Instrument :
MSVOA_W
ClientSampleId :

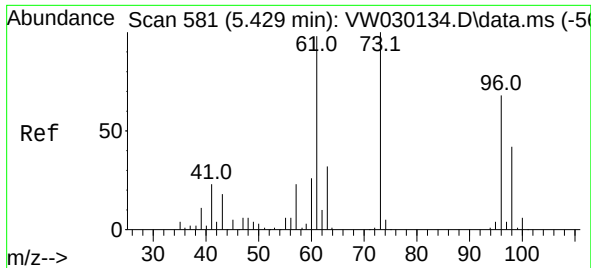
Tgt Ion: 43 Resp: 75484
Ion Ratio Lower Upper
43 100
74 24.1 18.9 28.3



#16
Methylene chloride
Concen: 43.964 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW030135.D
Acq: 16 Sep 2024 15:45

Tgt Ion: 84 Resp: 166045
Ion Ratio Lower Upper
84 100
86 61.5 44.6 82.8
49 122.7 83.8 155.6

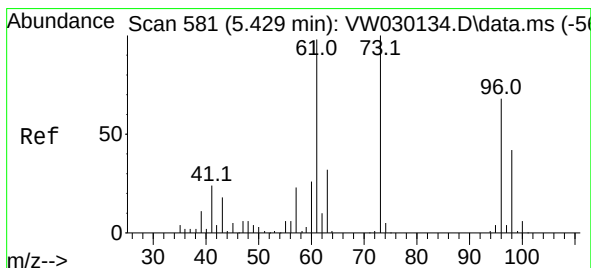
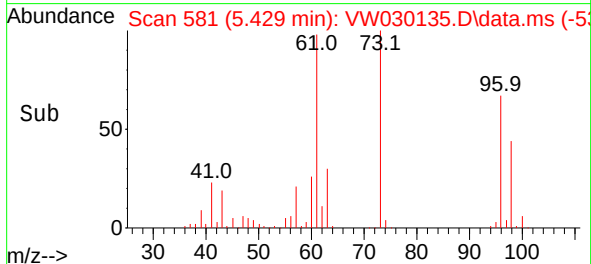
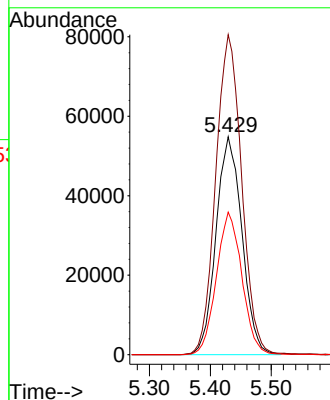
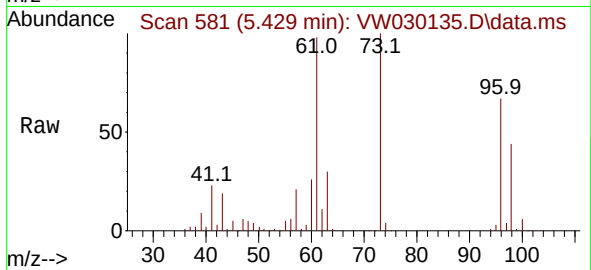




#17
trans-1,2-Dichloroethene
Concen: 48.148 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW030135.D
Acq: 16 Sep 2024 15:45

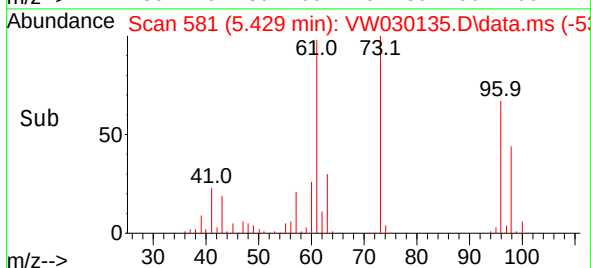
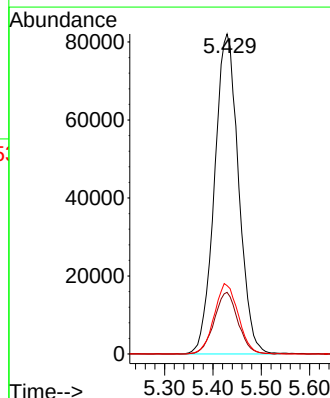
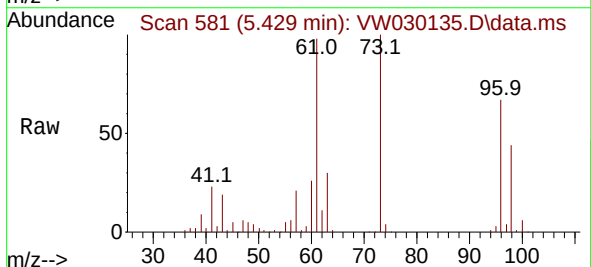
Instrument :
MSVOA_W
ClientSampleId :

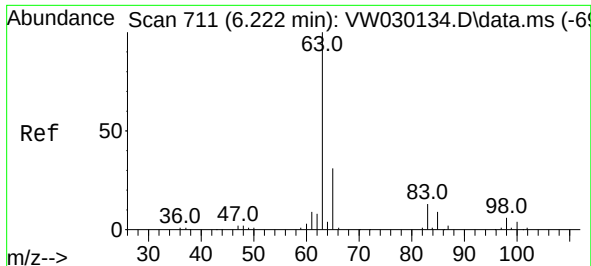
Tgt Ion: 96 Resp: 162282
Ion Ratio Lower Upper
96 100
61 146.8 100.8 187.2
98 65.4 43.0 80.0



#18
Methyl tert-butyl Ether
Concen: 53.406 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW030135.D
Acq: 16 Sep 2024 15:45

Tgt Ion: 73 Resp: 283688
Ion Ratio Lower Upper
73 100
43 19.0 15.7 23.5
57 21.9 18.8 28.2





#19

1,1-Dichloroethane

Concen: 48.983 ug/L

RT: 6.216 min Scan# 711

Delta R.T. -0.006 min

Lab File: VW030135.D

Acq: 16 Sep 2024 15:45

Instrument :

MSVOA_W

ClientSampleId :

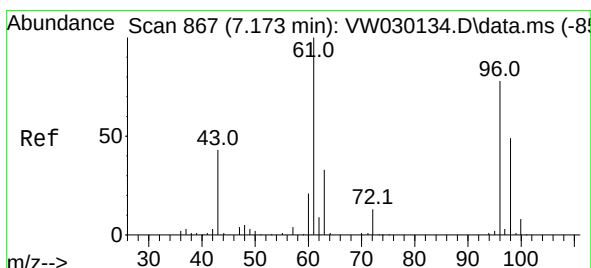
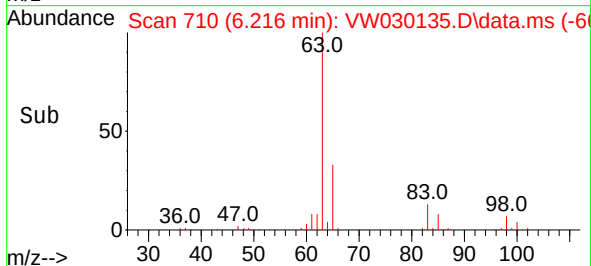
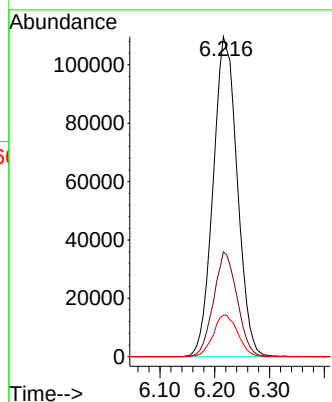
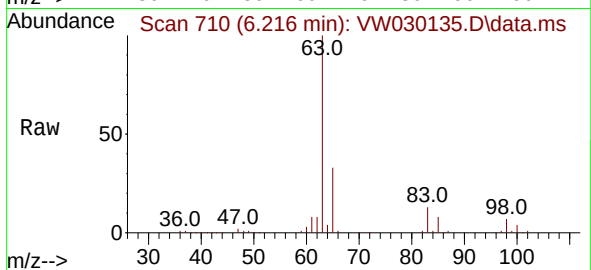
Tgt Ion: 63 Resp: 335243

Ion Ratio Lower Upper

63 100

65 32.7 21.6 40.0

83 13.0 9.0 16.8



#20

cis-1,2-Dichloroethene

Concen: 51.011 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW030135.D

Acq: 16 Sep 2024 15:45

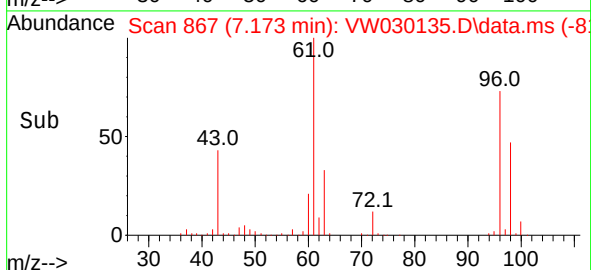
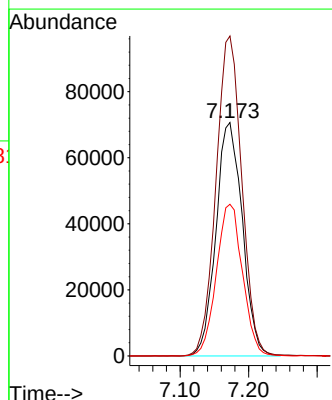
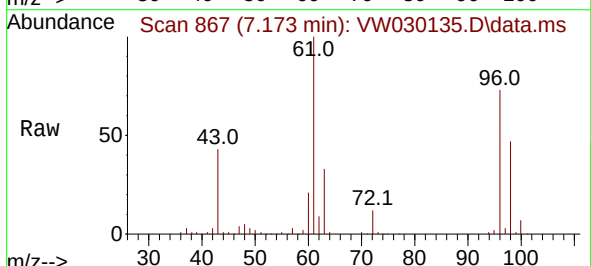
Tgt Ion: 96 Resp: 188690

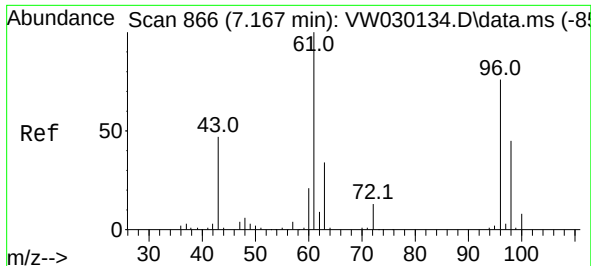
Ion Ratio Lower Upper

96 100

61 137.1 89.5 166.3

98 65.0 44.3 82.3





#22

2-Butanone

Concen: 111.945 ug/L

RT: 7.167 min Scan# 866

Delta R.T. 0.000 min

Lab File: VW030135.D

Acq: 16 Sep 2024 15:45

Instrument :

MSVOA_W

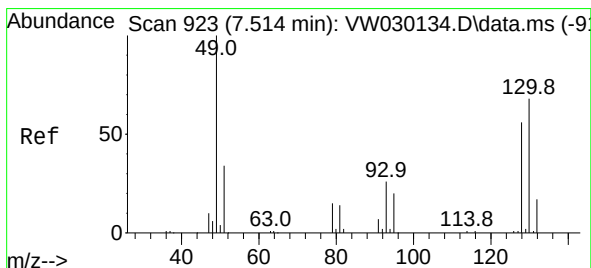
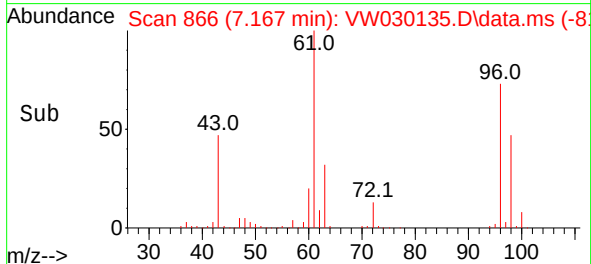
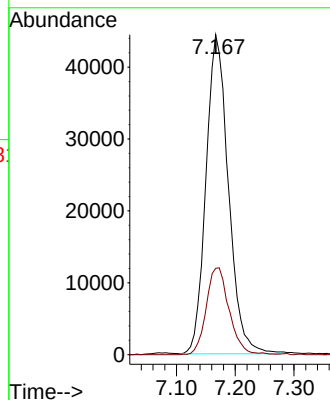
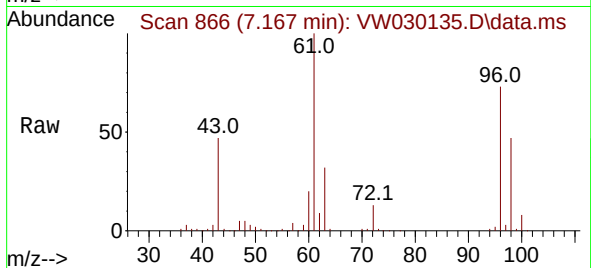
ClientSampleId :

Tgt Ion: 43 Resp: 118042

Ion Ratio Lower Upper

43 100

72 27.6 13.9 41.7



#23

Bromochloromethane

Concen: 48.693 ug/L

RT: 7.514 min Scan# 923

Delta R.T. 0.000 min

Lab File: VW030135.D

Acq: 16 Sep 2024 15:45

Tgt Ion: 128 Resp: 80492

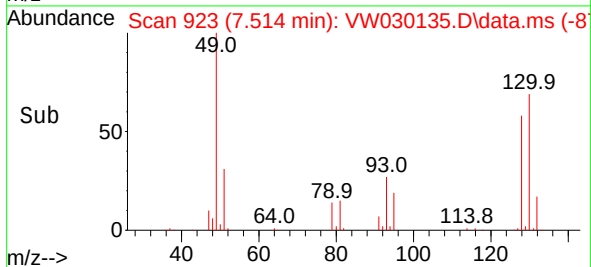
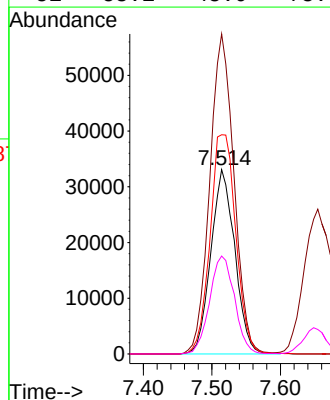
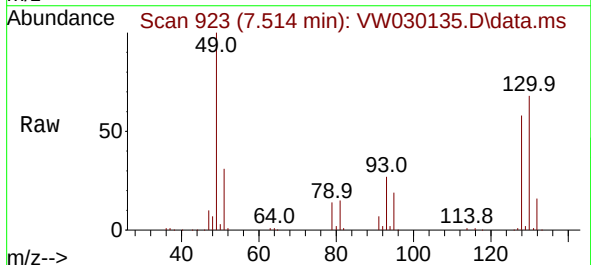
Ion Ratio Lower Upper

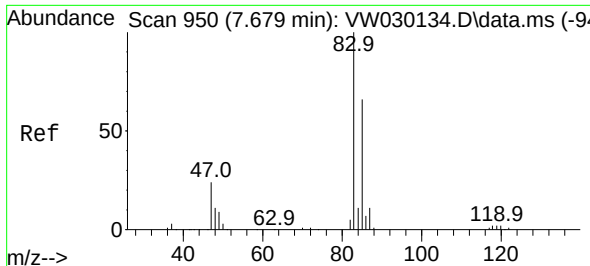
128 100

49 173.5 126.1 234.1

130 118.8 85.9 159.5

51 53.1 48.9 73.3





#25

Chloroform

Concen: 49.436 ug/L

RT: 7.679 min Scan# 90

Delta R.T. 0.000 min

Lab File: VW030135.D

Acq: 16 Sep 2024 15:45

Instrument :

MSVOA_W

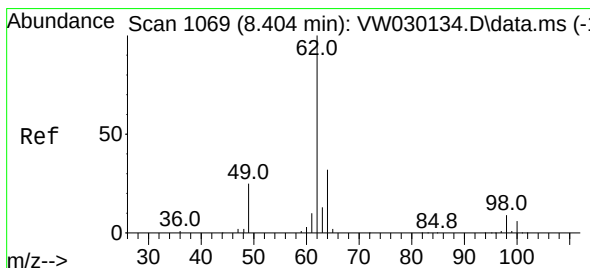
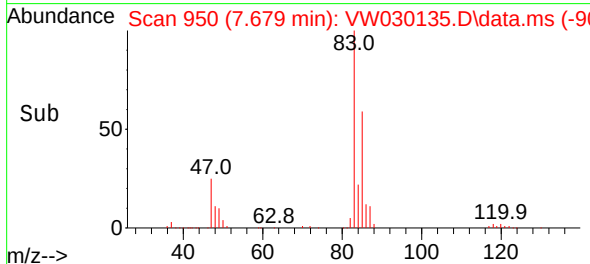
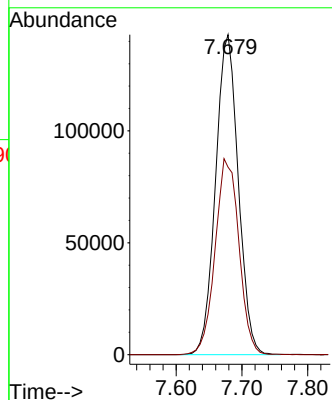
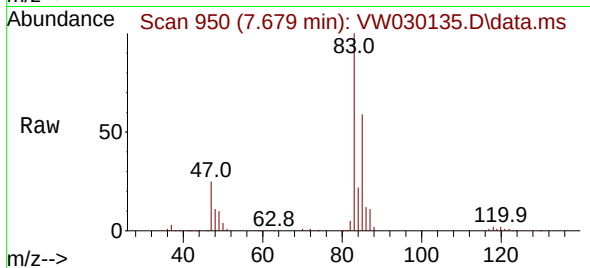
ClientSampleId :

Tgt Ion: 83 Resp: 343645

Ion Ratio Lower Upper

83 100

85 58.6 46.1 85.5



#27

1,2-Dichloroethane

Concen: 49.522 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.006 min

Lab File: VW030135.D

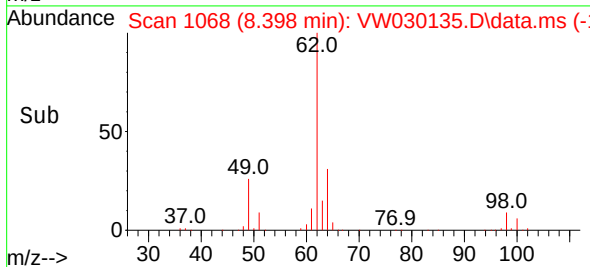
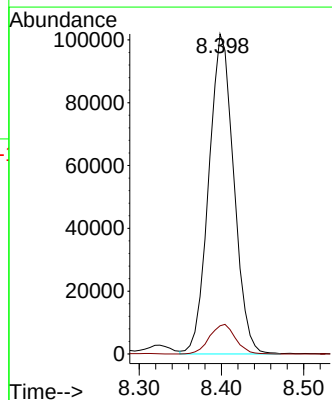
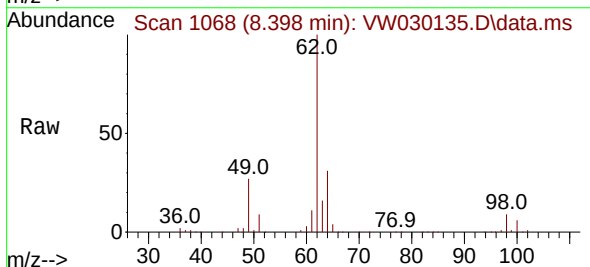
Acq: 16 Sep 2024 15:45

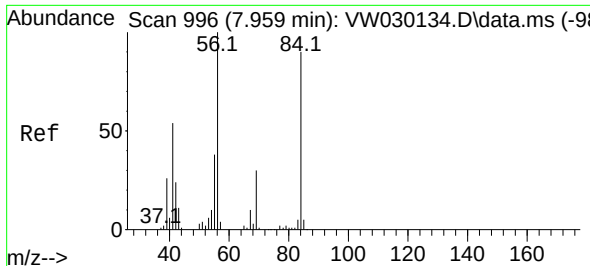
Tgt Ion: 62 Resp: 215866

Ion Ratio Lower Upper

62 100

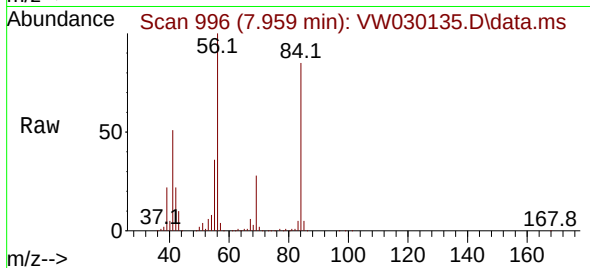
98 8.8 7.3 10.9



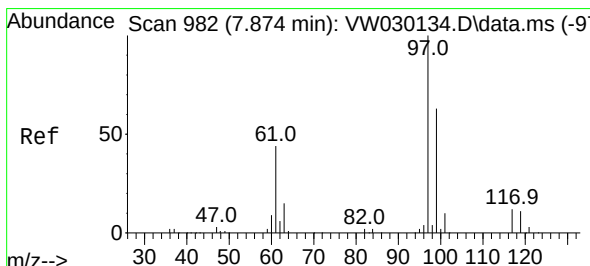
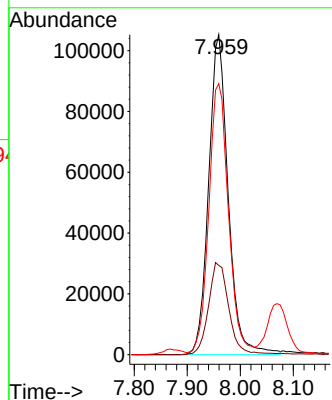
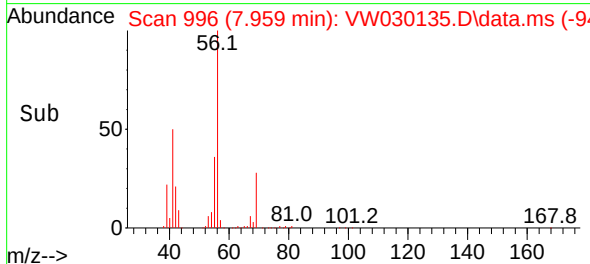


#29
Cyclohexane
Concen: 54.055 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW030135.D
Acq: 16 Sep 2024 15:45

Instrument :
MSVOA_W
ClientSampleId :

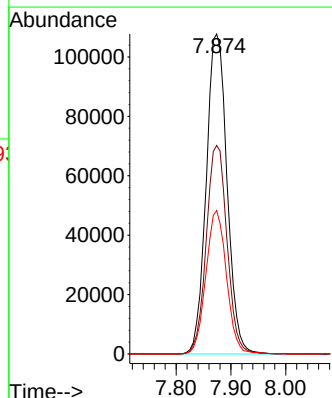
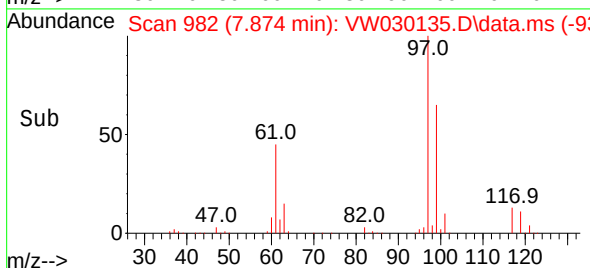
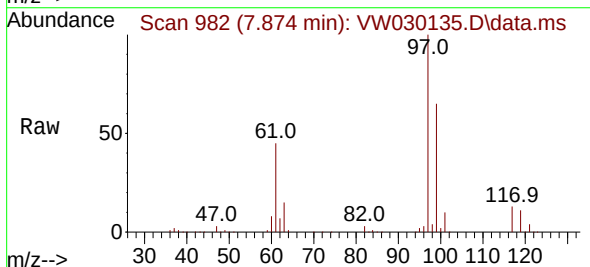


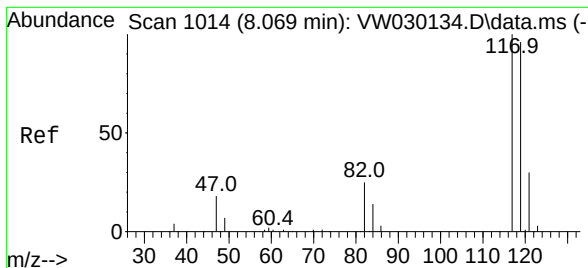
Tgt Ion: 56 Resp: 268877
Ion Ratio Lower Upper
56 100
69 29.7 24.6 37.0
84 85.2 68.9 103.3



#30
1,1,1-Trichloroethane
Concen: 50.312 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW030135.D
Acq: 16 Sep 2024 15:45

Tgt Ion: 97 Resp: 284114
Ion Ratio Lower Upper
97 100
99 64.9 51.3 76.9
61 44.5 36.4 54.6





#31

Carbon tetrachloride

Concen: 49.541 ug/L

RT: 8.075 min Scan# 1014

Delta R.T. 0.006 min

Lab File: VW030135.D

Acq: 16 Sep 2024 15:45

Instrument :

MSVOA_W

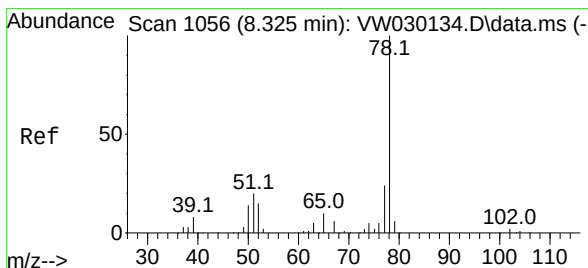
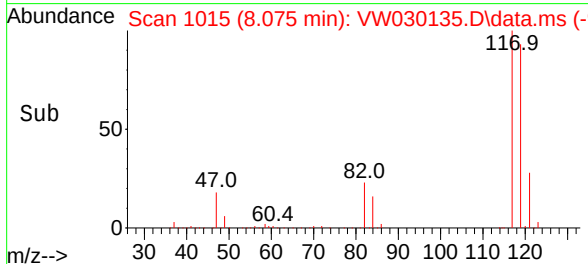
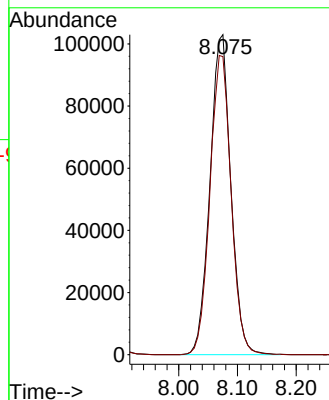
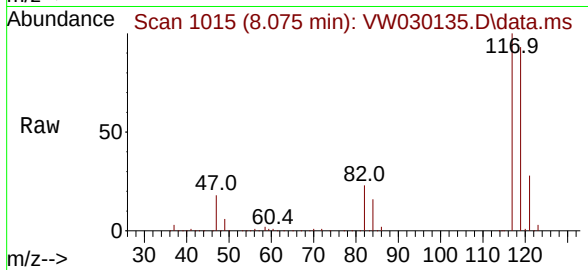
ClientSampleId :

Tgt Ion:117 Resp: 254213

Ion Ratio Lower Upper

117 100

119 94.7 76.2 114.4



#33

Benzene

Concen: 50.127 ug/L

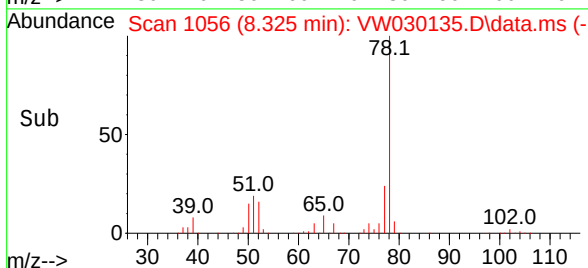
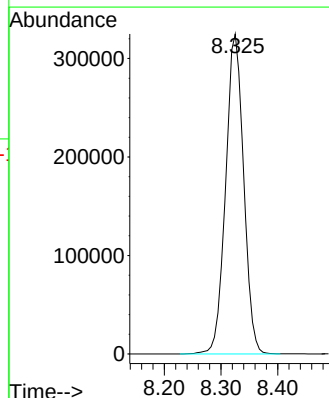
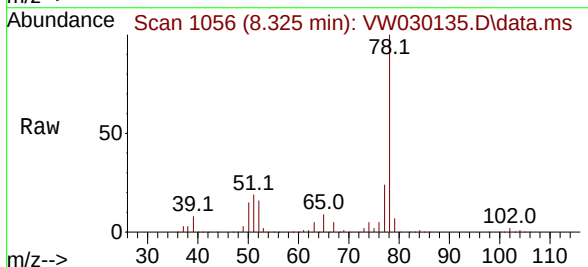
RT: 8.325 min Scan# 1056

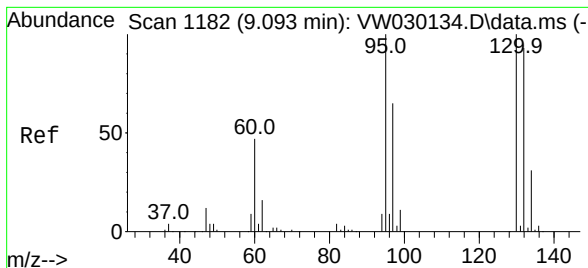
Delta R.T. 0.000 min

Lab File: VW030135.D

Acq: 16 Sep 2024 15:45

Tgt Ion: 78 Resp: 715513





#34

Trichloroethene

Concen: 49.095 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

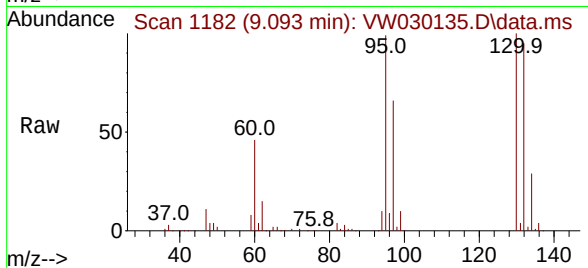
Lab File: VW030135.D

Acq: 16 Sep 2024 15:45

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 189174

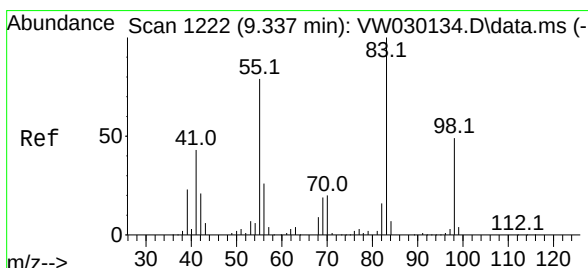
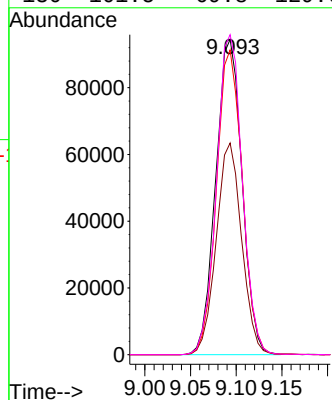
Ion Ratio Lower Upper

95 100

97 67.1 45.2 84.0

132 96.7 64.8 120.3

130 101.5 69.8 129.6



#35

Methylcyclohexane

Concen: 51.780 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW030135.D

Acq: 16 Sep 2024 15:45

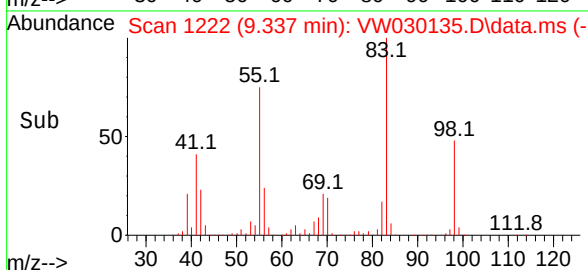
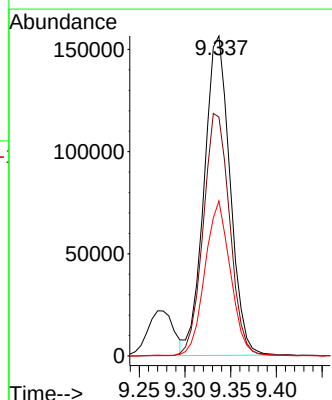
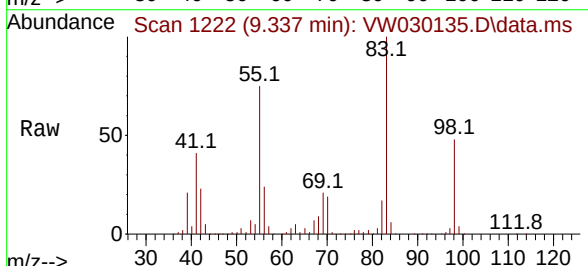
Tgt Ion: 83 Resp: 307592

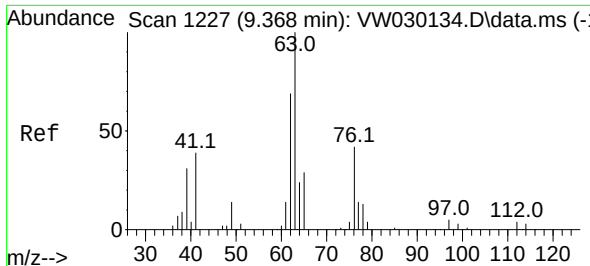
Ion Ratio Lower Upper

83 100

55 77.5 63.0 94.6

98 48.1 38.7 58.1





#37

1,2-Dichloropropane

Concen: 50.441 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW030135.D

Acq: 16 Sep 2024 15:45

Instrument :

MSVOA_W

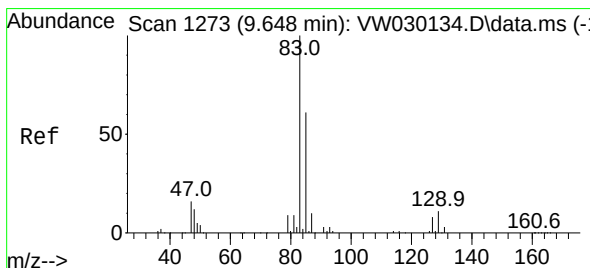
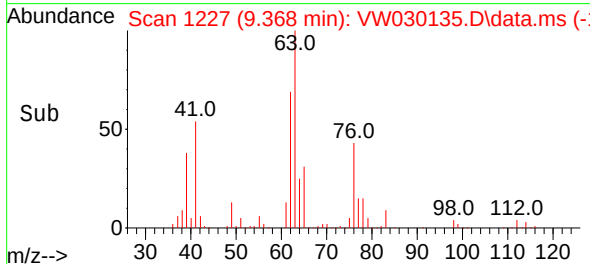
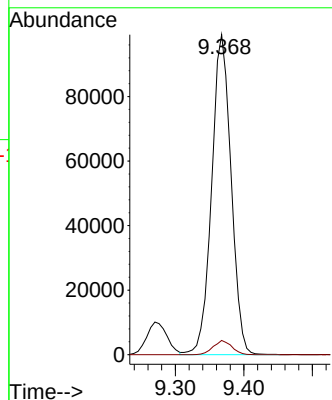
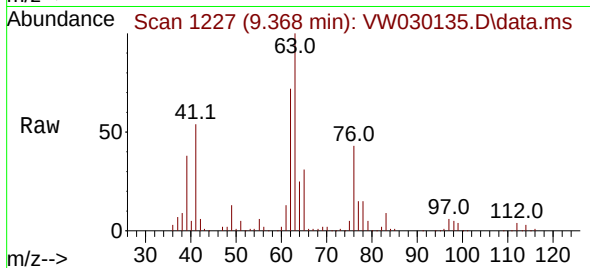
ClientSampleId :

Tgt Ion: 63 Resp: 195149

Ion Ratio Lower Upper

63 100

112 4.2 3.5 5.3



#38

Bromodichloromethane

Concen: 50.333 ug/L

RT: 9.648 min Scan# 1273

Delta R.T. 0.000 min

Lab File: VW030135.D

Acq: 16 Sep 2024 15:45

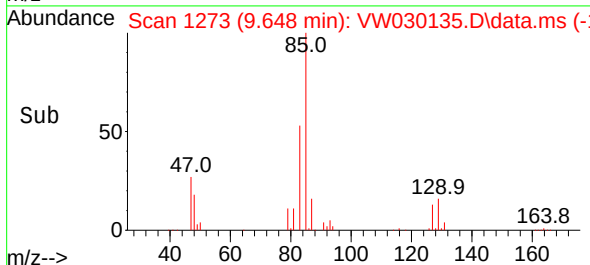
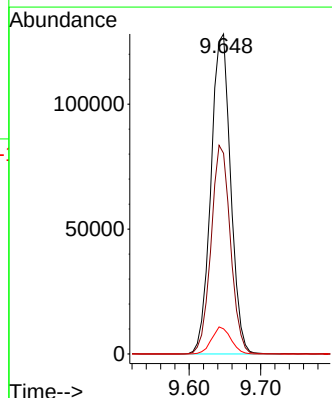
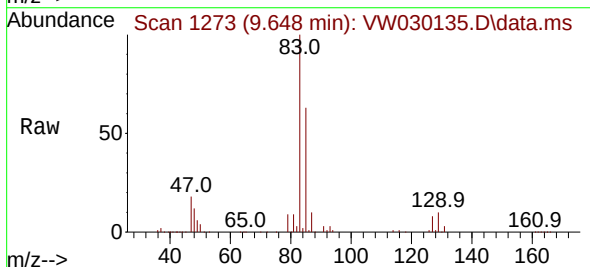
Tgt Ion: 83 Resp: 245206

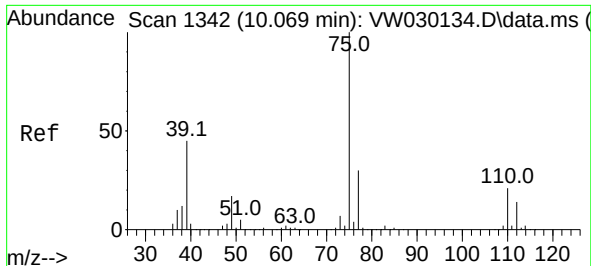
Ion Ratio Lower Upper

83 100

85 62.7 42.6 79.0

127 7.9 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 54.391 ug/L

RT: 10.075 min Scan# 1342

Delta R.T. 0.006 min

Lab File: VW030135.D

Acq: 16 Sep 2024 15:45

Instrument :

MSVOA_W

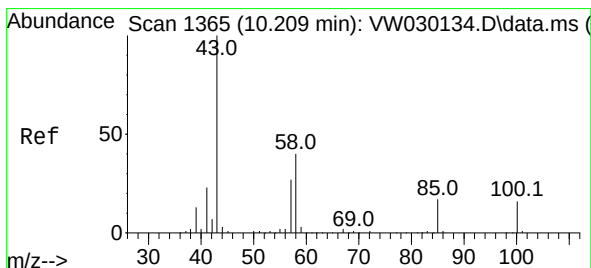
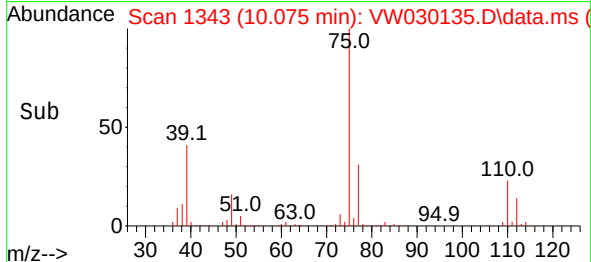
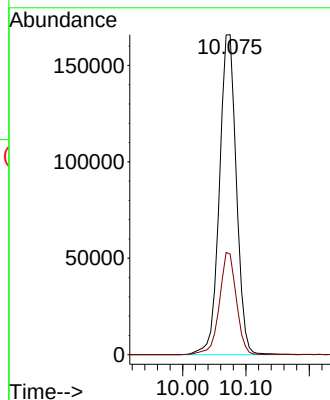
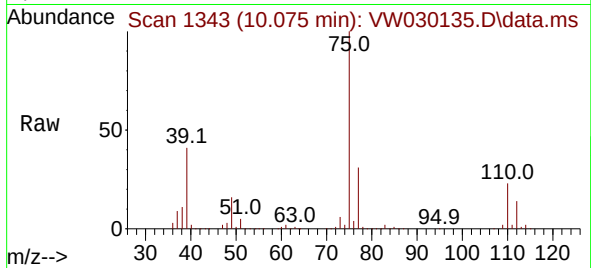
ClientSampleId :

Tgt Ion: 75 Resp: 307840

Ion Ratio Lower Upper

75 100

77 31.5 20.7 38.5



#40

4-Methyl-2-pentanone

Concen: 112.864 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW030135.D

Acq: 16 Sep 2024 15:45

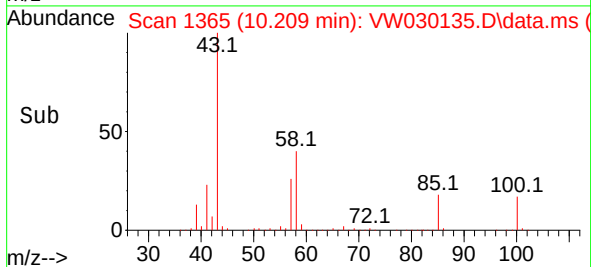
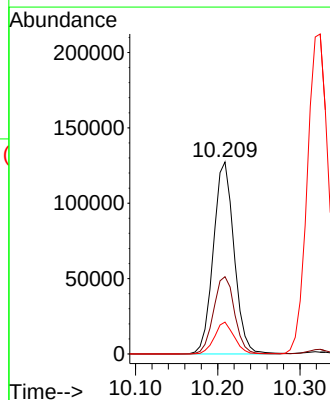
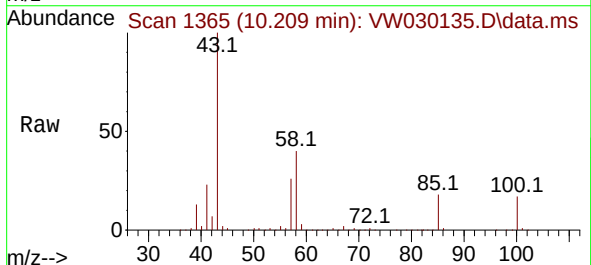
Tgt Ion: 43 Resp: 223115

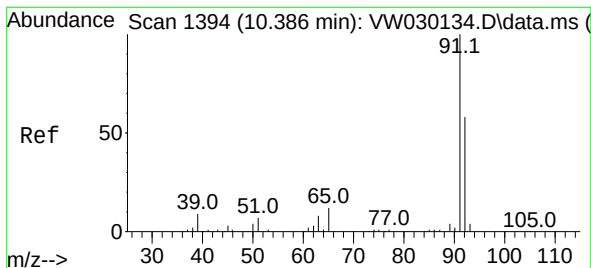
Ion Ratio Lower Upper

43 100

58 40.9 32.7 49.1

100 15.8 12.7 19.1





#42

Toluene

Concen: 50.871 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW030135.D

Acq: 16 Sep 2024 15:45

Instrument :

MSVOA_W

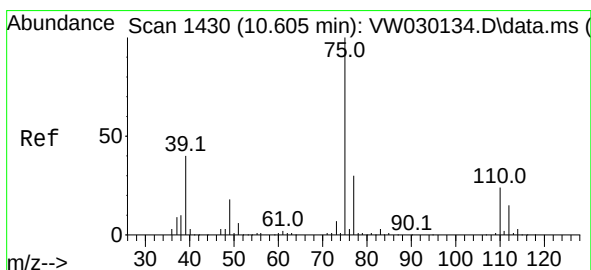
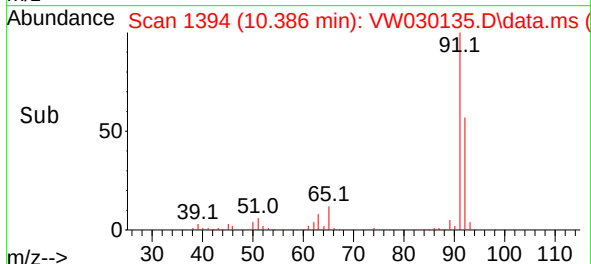
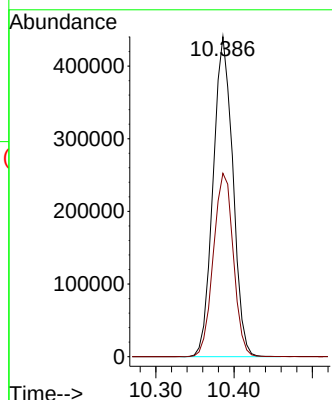
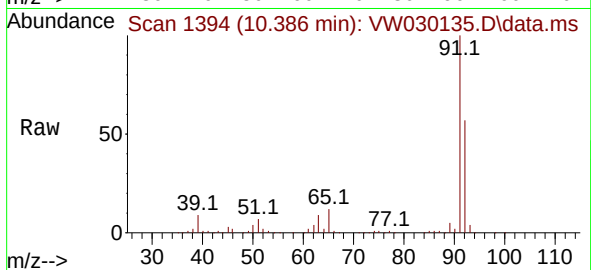
ClientSampleId :

Tgt Ion: 91 Resp: 770494

Ion Ratio Lower Upper

91 100

92 57.3 40.7 75.5



#44

trans-1,3-Dichloropropene

Concen: 53.708 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW030135.D

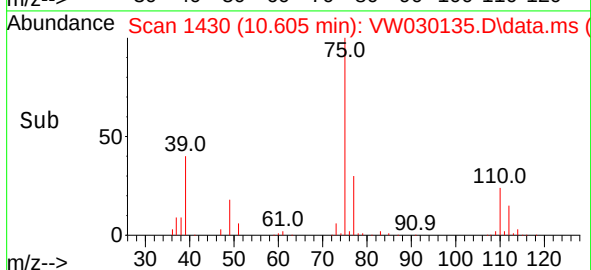
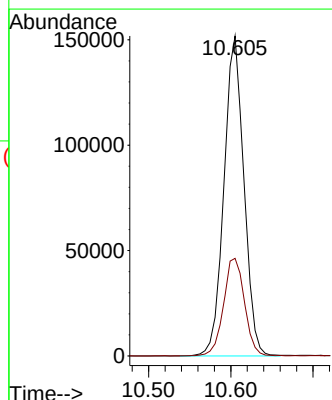
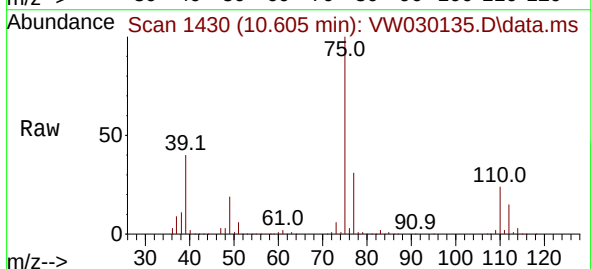
Acq: 16 Sep 2024 15:45

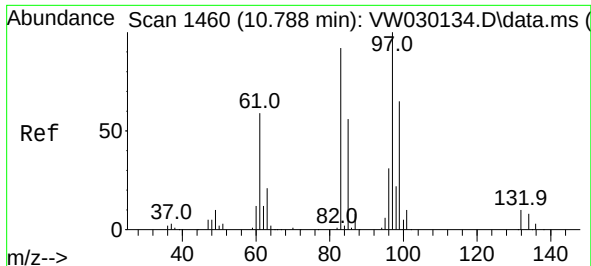
Tgt Ion: 75 Resp: 255711

Ion Ratio Lower Upper

75 100

77 30.5 21.2 39.4





#45

1,1,2-Trichloroethane

Concen: 50.682 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. 0.000 min

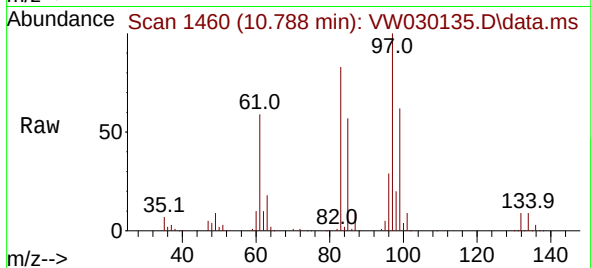
Lab File: VW030135.D

Acq: 16 Sep 2024 15:45

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 142678

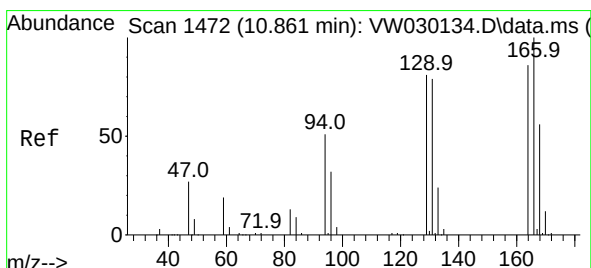
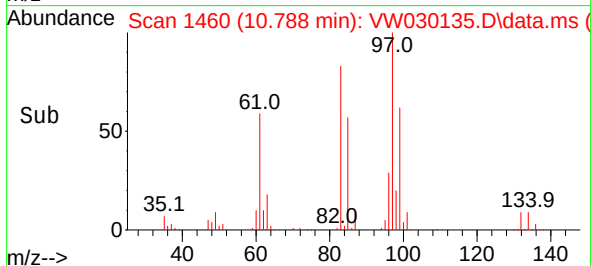
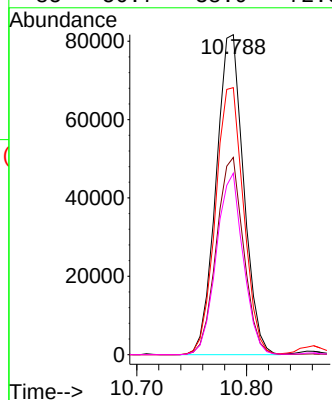
Ion Ratio Lower Upper

97 100

99 61.6 45.6 84.8

83 83.5 64.0 119.0

85 56.7 38.9 72.3



#46

Tetrachloroethene

Concen: 47.858 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW030135.D

Acq: 16 Sep 2024 15:45

Tgt Ion:164 Resp: 136071

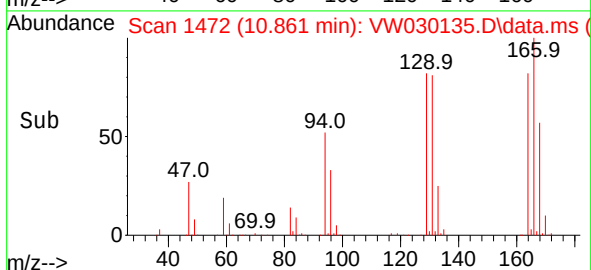
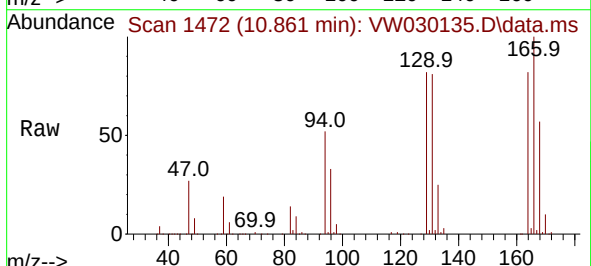
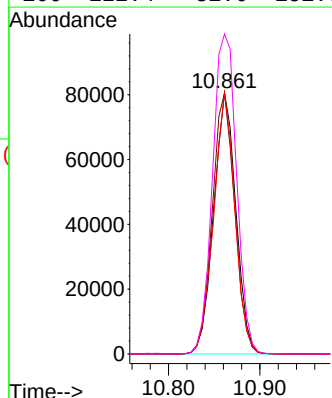
Ion Ratio Lower Upper

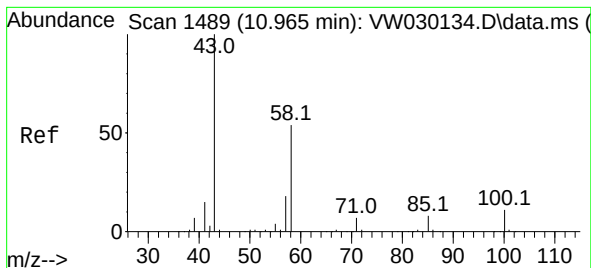
164 100

129 99.8 66.0 122.6

131 99.7 64.8 120.4

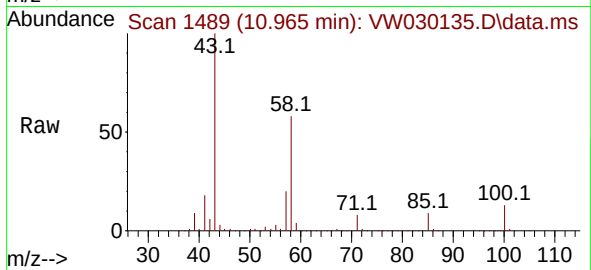
166 122.4 81.6 151.6



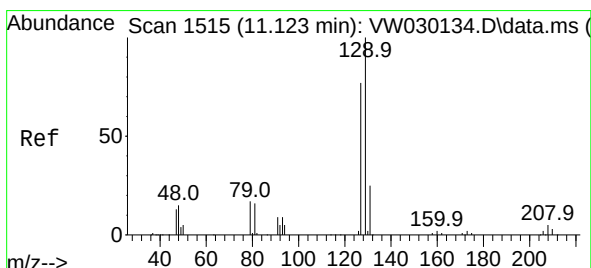
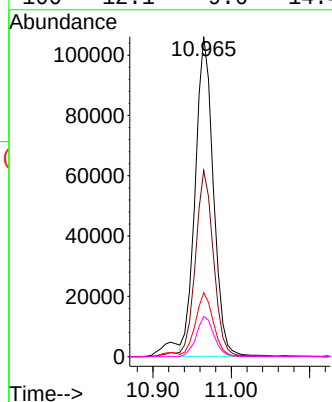
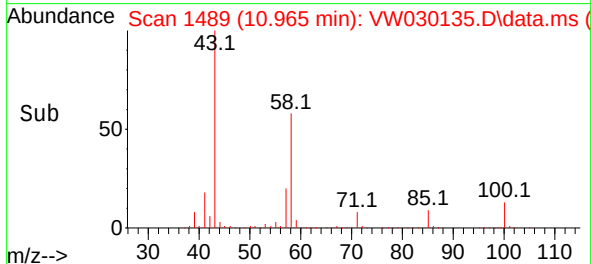


#48
2-Hexanone
Concen: 112.170 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW030135.D
Acq: 16 Sep 2024 15:45

Instrument :
MSVOA_W
ClientSampleId :

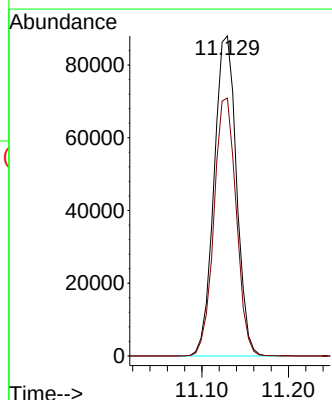
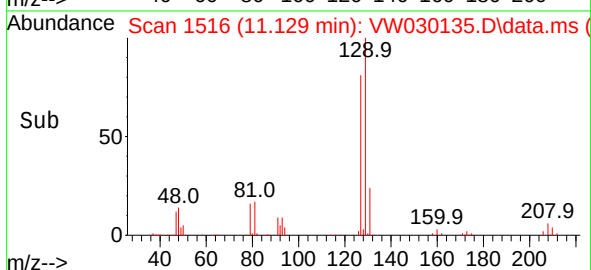
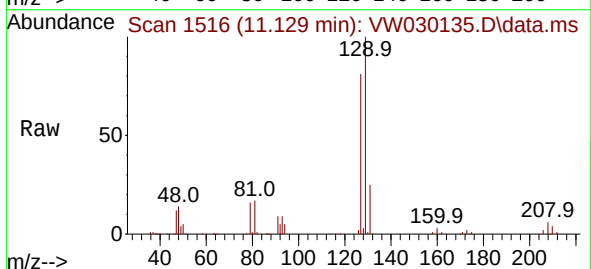


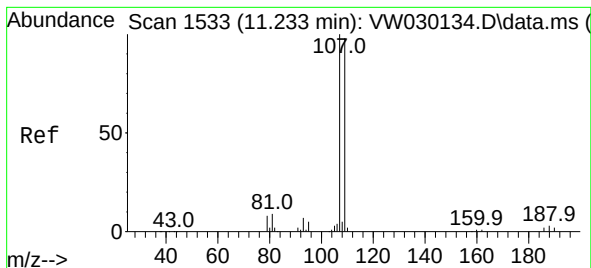
Tgt Ion: 43 Resp: 170520
Ion Ratio Lower Upper
43 100
58 58.1 44.8 67.2
57 20.0 15.4 23.2
100 12.1 9.6 14.4



#49
Dibromochloromethane
Concen: 51.763 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW030135.D
Acq: 16 Sep 2024 15:45

Tgt Ion:129 Resp: 158596
Ion Ratio Lower Upper
129 100
127 80.6 54.2 100.6

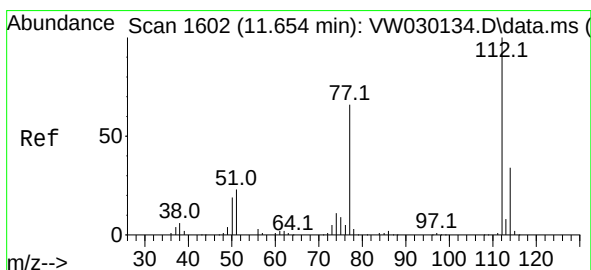
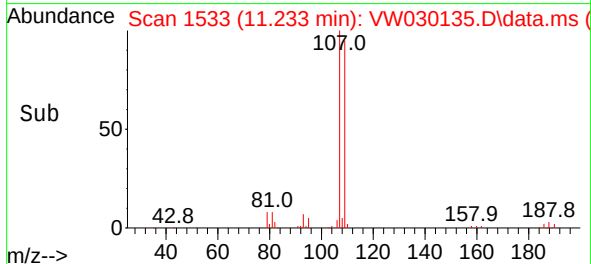
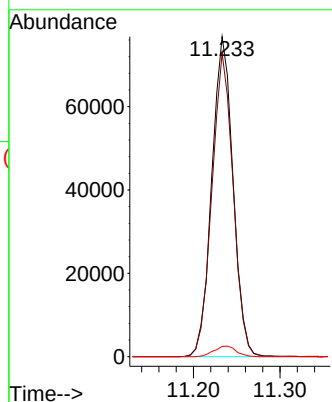
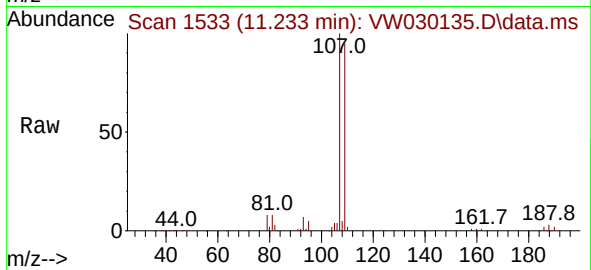




#50
1,2-Dibromoethane
Concen: 50.435 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW030135.D
Acq: 16 Sep 2024 15:45

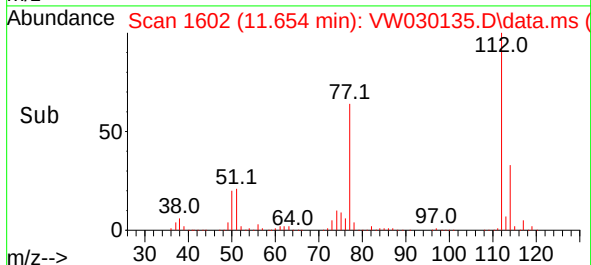
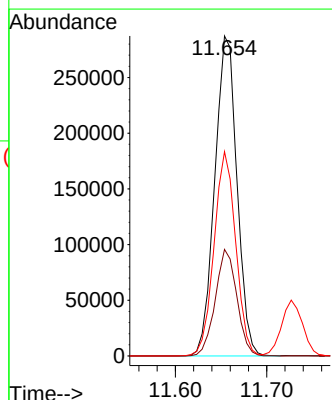
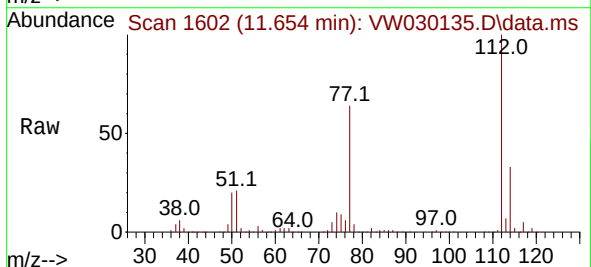
Instrument :
MSVOA_W
ClientSampleId :

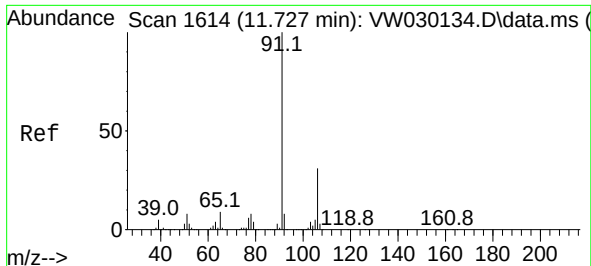
Tgt Ion:107 Resp: 130919
Ion Ratio Lower Upper
107 100
109 94.9 68.7 127.7
188 3.2 2.6 4.0



#51
Chlorobenzene
Concen: 49.646 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW030135.D
Acq: 16 Sep 2024 15:45

Tgt Ion:112 Resp: 485690
Ion Ratio Lower Upper
112 100
114 33.3 23.8 44.2
77 63.8 52.9 79.3





#52

Ethylbenzene

Concen: 52.455 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030135.D

Acq: 16 Sep 2024 15:45

Instrument :

MSVOA_W

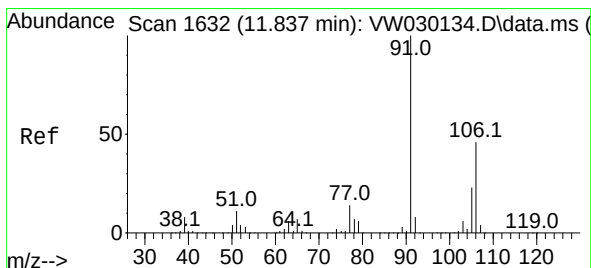
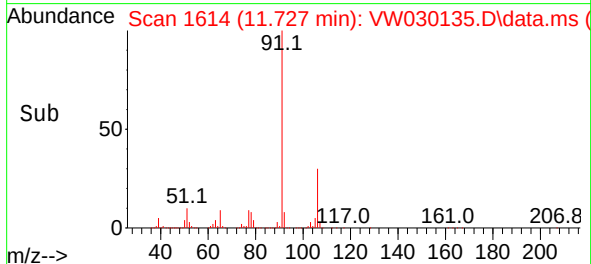
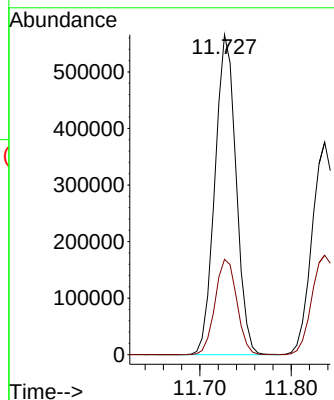
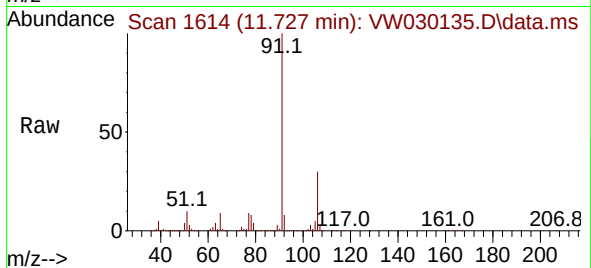
ClientSampleId :

Tgt Ion: 91 Resp: 909446

Ion Ratio Lower Upper

91 100

106 29.8 21.9 40.7



#53

m,p-Xylene

Concen: 52.580 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW030135.D

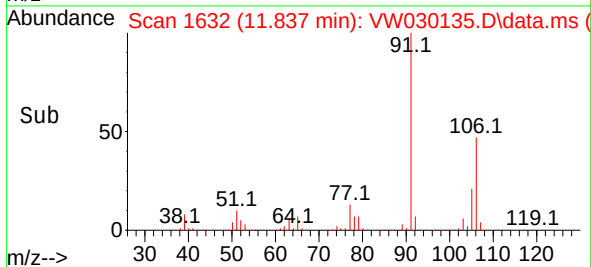
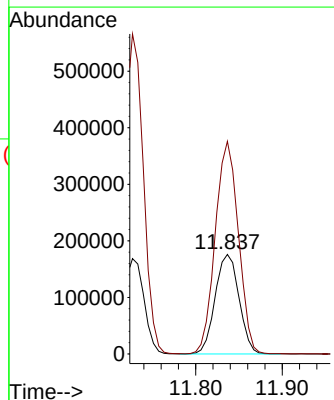
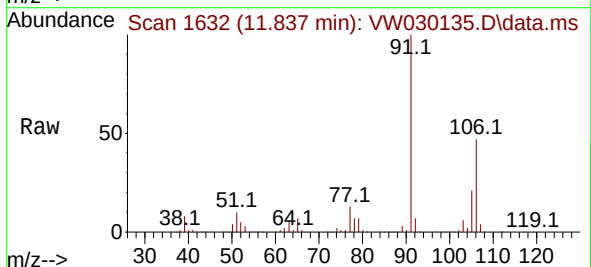
Acq: 16 Sep 2024 15:45

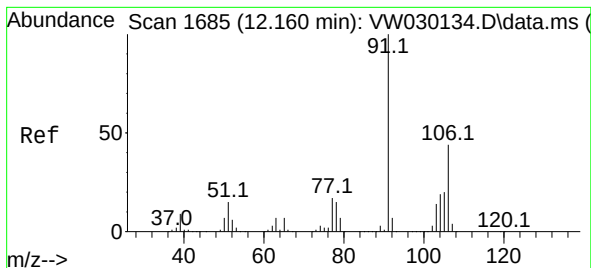
Tgt Ion:106 Resp: 336351

Ion Ratio Lower Upper

106 100

91 213.6 152.9 283.9





#54

o-Xylene

Concen: 53.011 ug/L

RT: 12.160 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030135.D

Acq: 16 Sep 2024 15:45

Instrument :

MSVOA_W

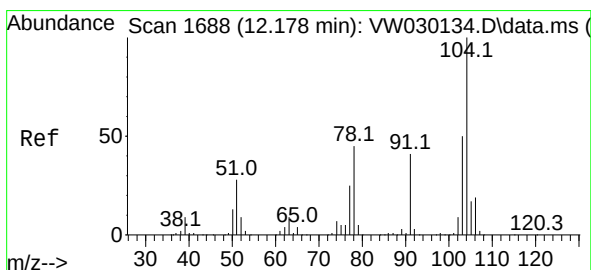
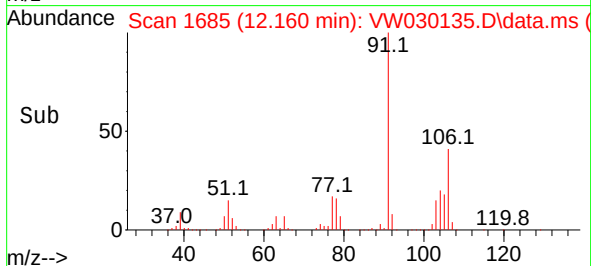
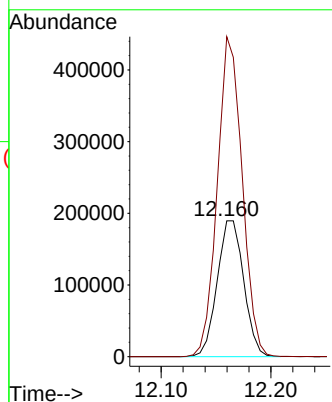
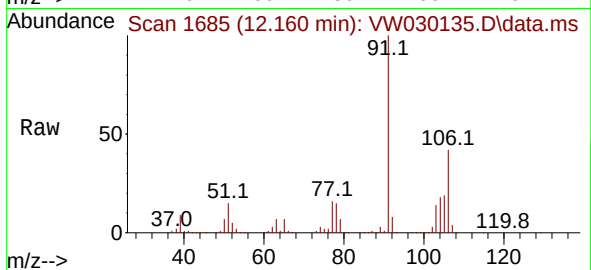
ClientSampleId :

Tgt Ion:106 Resp: 319101

Ion Ratio Lower Upper

106 100

91 235.5 158.1 293.7



#55

Styrene

Concen: 53.782 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW030135.D

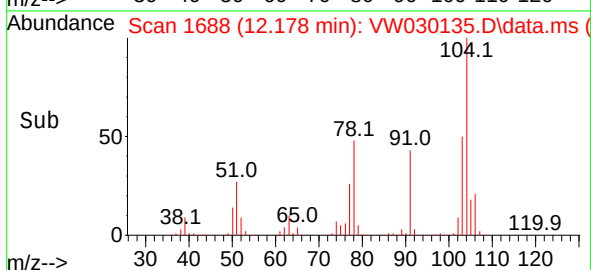
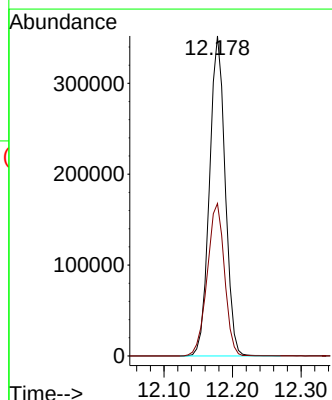
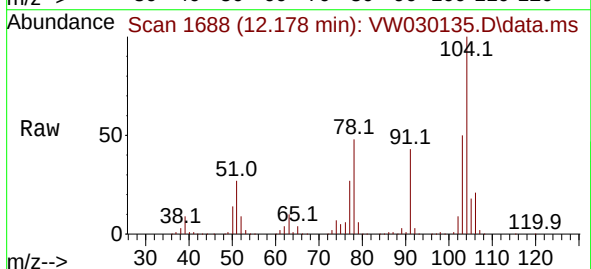
Acq: 16 Sep 2024 15:45

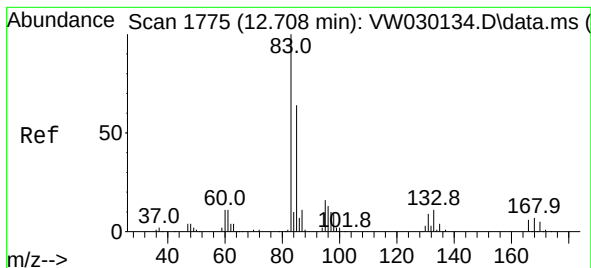
Tgt Ion:104 Resp: 561549

Ion Ratio Lower Upper

104 100

78 47.7 31.4 58.2

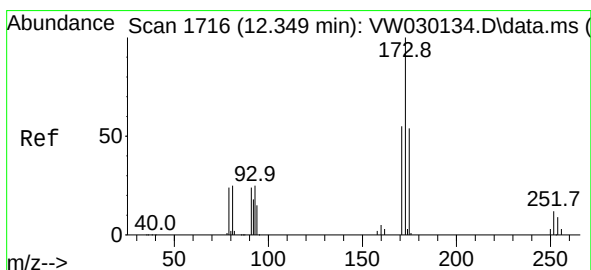
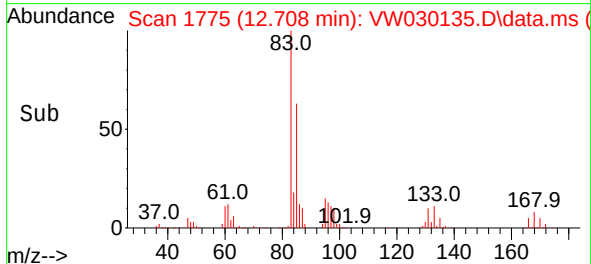
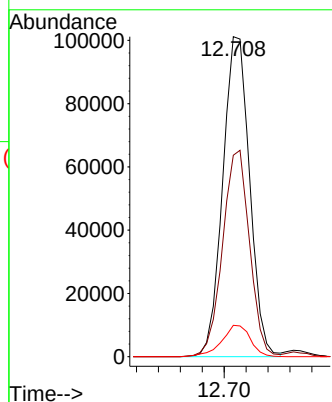
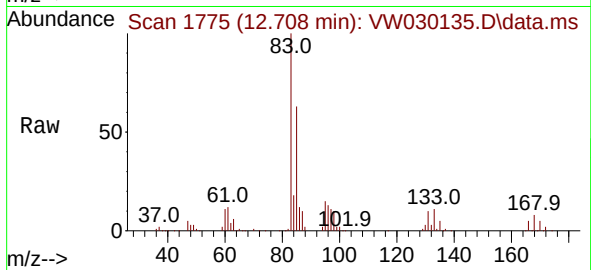




#57
1,1,2,2-Tetrachloroethane
Concen: 51.253 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VW030135.D
Acq: 16 Sep 2024 15:45

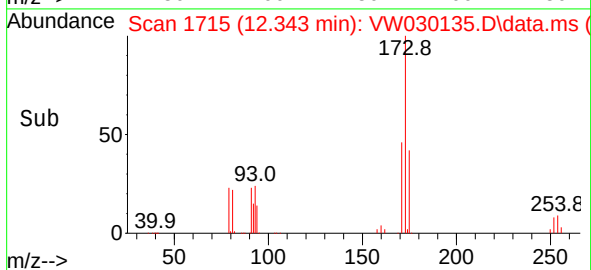
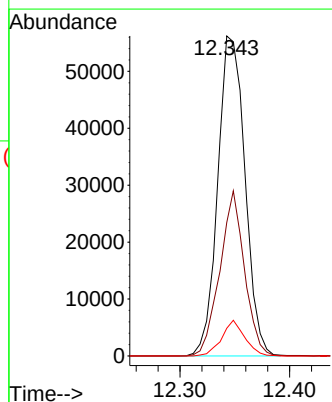
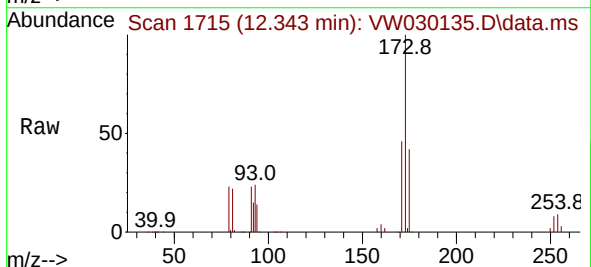
Instrument :
MSVOA_W
ClientSampleId :

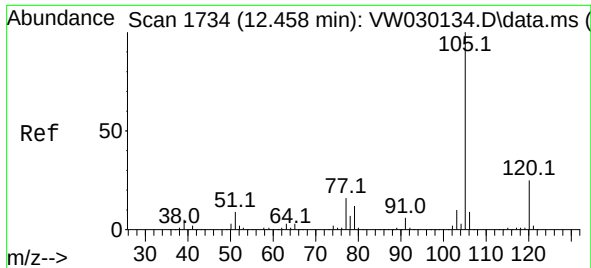
Tgt Ion: 83 Resp: 172220
Ion Ratio Lower Upper
83 100
85 62.9 44.5 82.7
131 9.8 7.4 11.2



#59
Bromoform
Concen: 51.889 ug/L
RT: 12.343 min Scan# 1715
Delta R.T. -0.006 min
Lab File: VW030135.D
Acq: 16 Sep 2024 15:45

Tgt Ion:173 Resp: 96939
Ion Ratio Lower Upper
173 100
175 46.7 38.6 57.8
254 9.5 7.7 11.5

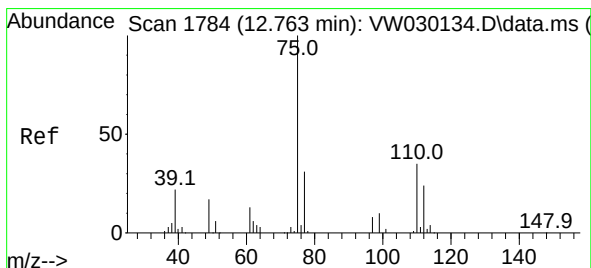
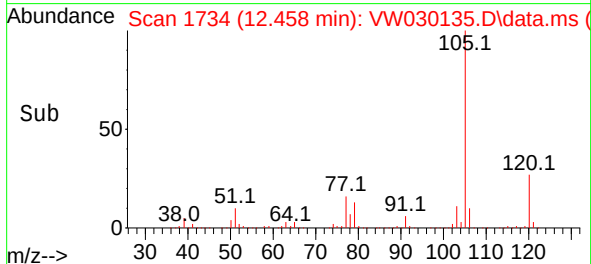
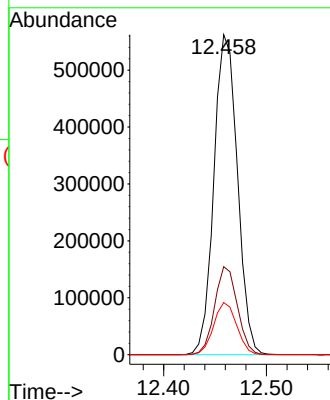
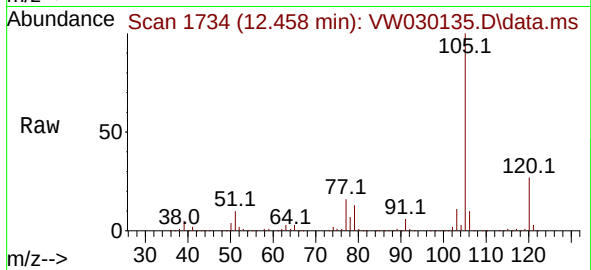




#60
Isopropylbenzene
Concen: 51.447 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW030135.D
Acq: 16 Sep 2024 15:45

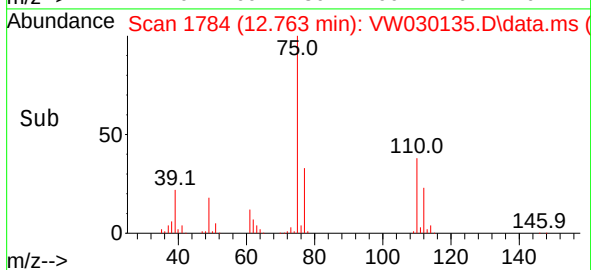
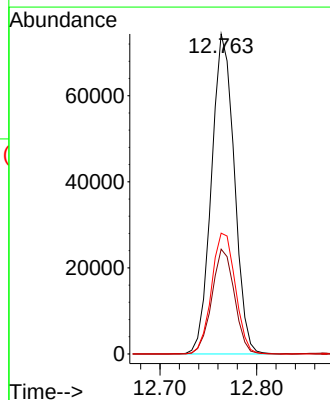
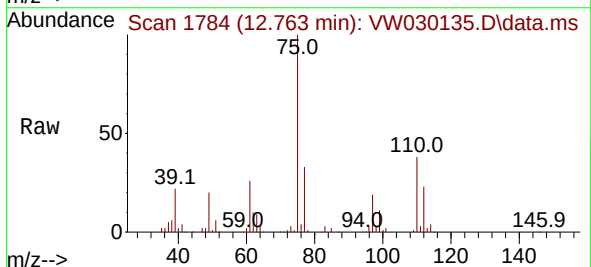
Instrument :
MSVOA_W
ClientSampleId :

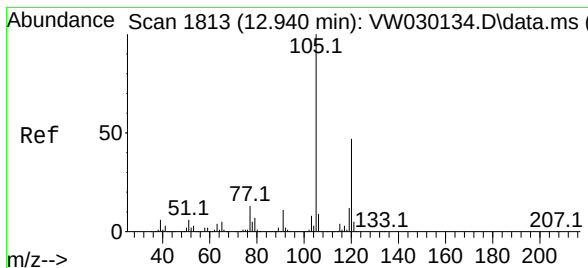
Tgt Ion:105 Resp: 894149
Ion Ratio Lower Upper
105 100
120 26.6 20.2 30.2
77 16.0 13.0 19.4



#61
1,2,3-Trichloropropane
Concen: 49.583 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW030135.D
Acq: 16 Sep 2024 15:45

Tgt Ion: 75 Resp: 121761
Ion Ratio Lower Upper
75 100
77 32.4 26.2 39.2
110 39.3 29.7 44.5

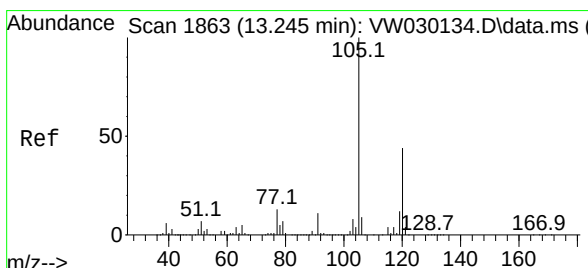
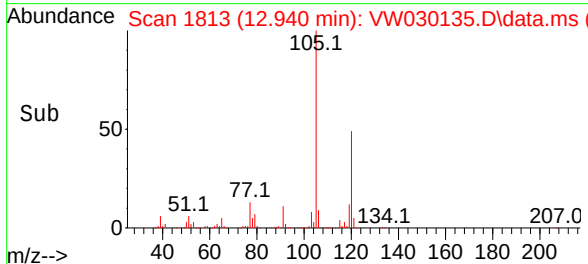
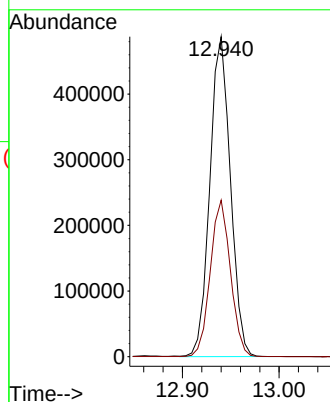
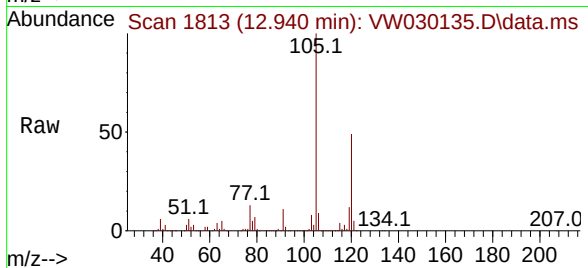




#62
1,3,5-Trimethylbenzene
Concen: 56.480 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW030135.D
Acq: 16 Sep 2024 15:45

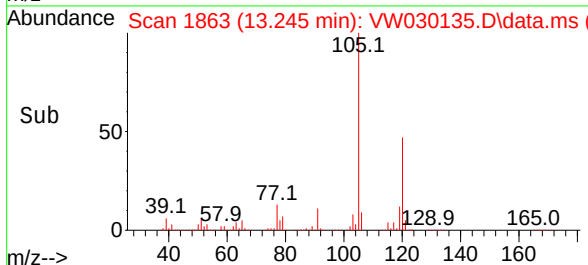
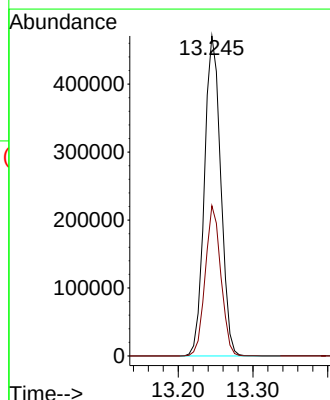
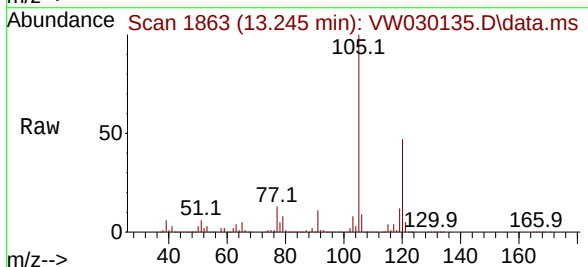
Instrument :
MSVOA_W
ClientSampleId :

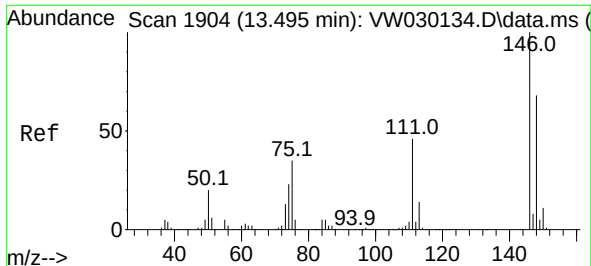
Tgt Ion:105 Resp: 719463
Ion Ratio Lower Upper
105 100
120 47.9 37.3 55.9



#63
1,2,4-Trimethylbenzene
Concen: 53.885 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW030135.D
Acq: 16 Sep 2024 15:45

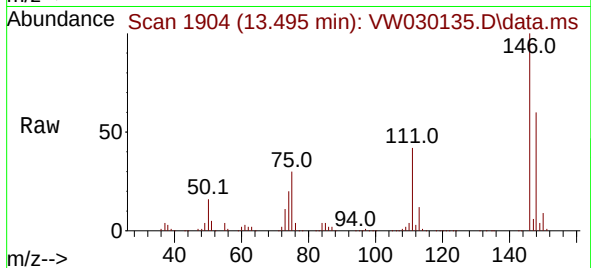
Tgt Ion:105 Resp: 713590
Ion Ratio Lower Upper
105 100
120 45.0 34.8 52.2



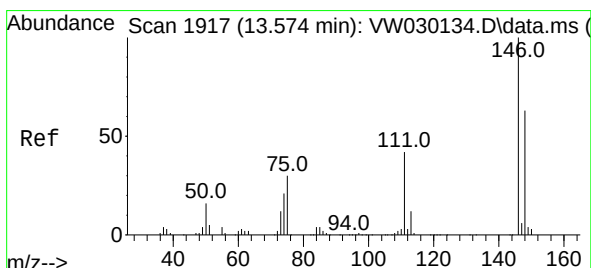
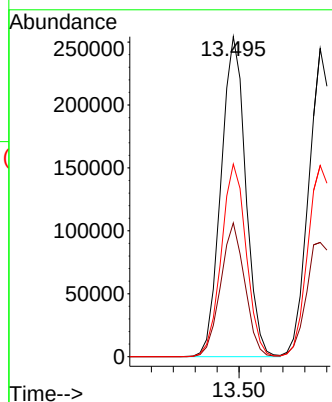
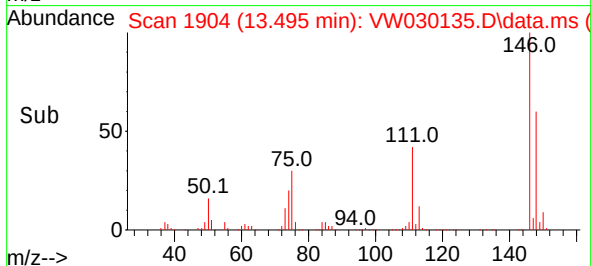


#64
1,3-Dichlorobenzene
Concen: 51.586 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW030135.D
Acq: 16 Sep 2024 15:45

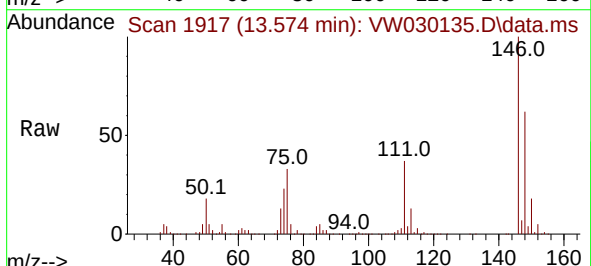
Instrument :
MSVOA_W
ClientSampleId :



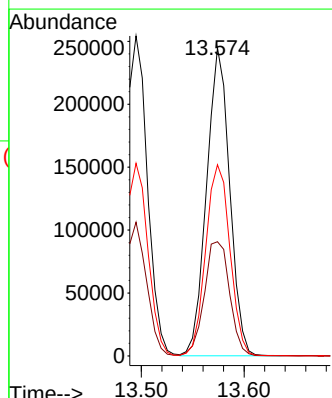
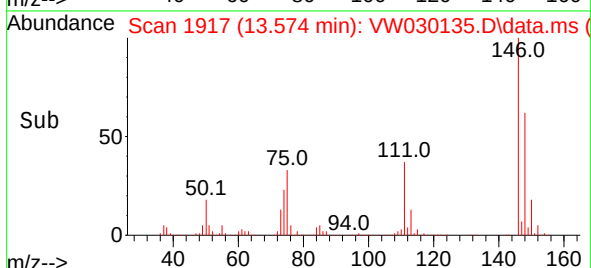
Tgt Ion:146 Resp: 397346
Ion Ratio Lower Upper
146 100
111 41.8 31.9 59.3
148 60.2 47.7 88.5

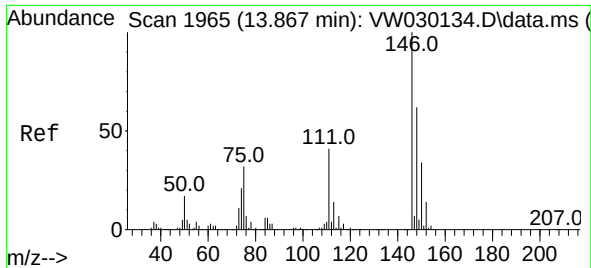


#65
1,4-Dichlorobenzene
Concen: 48.147 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW030135.D
Acq: 16 Sep 2024 15:45



Tgt Ion:146 Resp: 383141
Ion Ratio Lower Upper
146 100
111 37.1 29.5 54.7
148 62.0 44.4 82.5





#67

1,2-Dichlorobenzene

Concen: 49.297 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

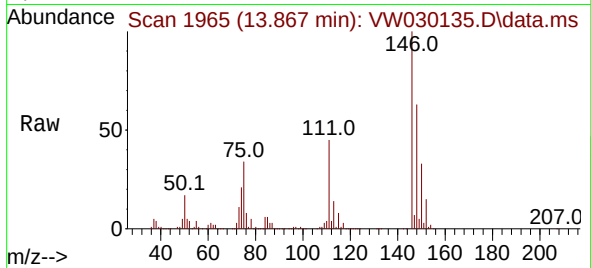
Lab File: VW030135.D

Acq: 16 Sep 2024 15:45

Instrument :

MSVOA_W

ClientSampleId :



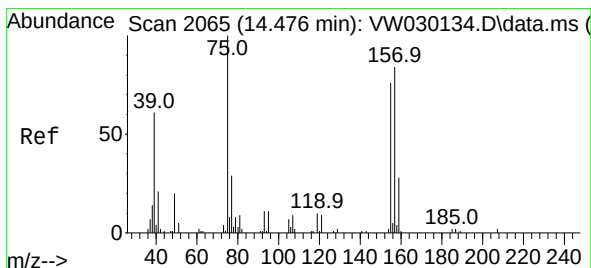
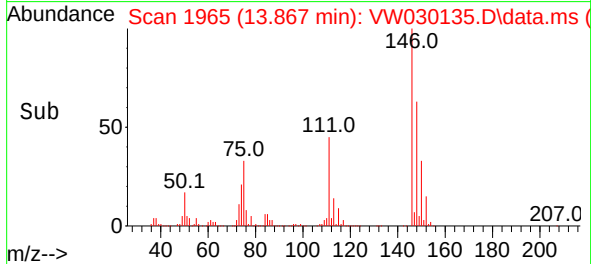
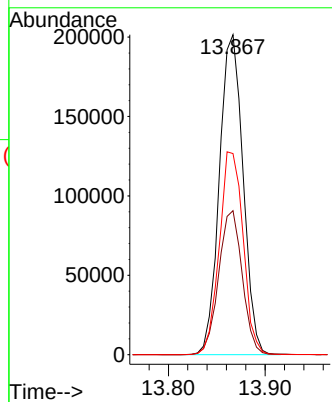
Tgt Ion:146 Resp: 342212

Ion Ratio Lower Upper

146 100

111 45.0 32.7 49.1

148 62.9 49.8 74.6



#68

1,2-Dibromo-3-chloropropane

Concen: 51.734 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW030135.D

Acq: 16 Sep 2024 15:45

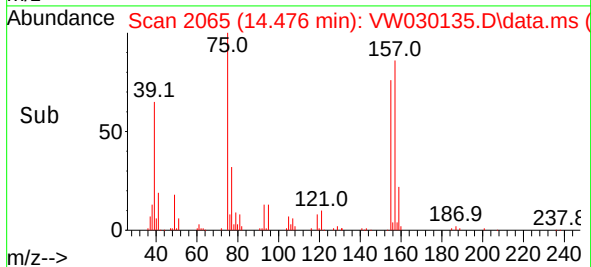
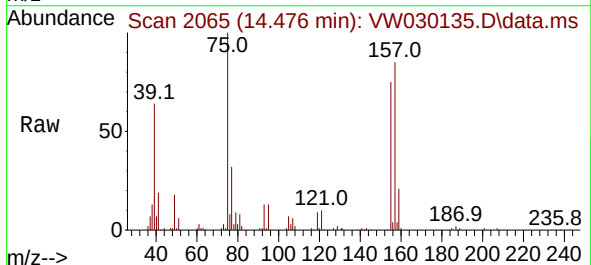
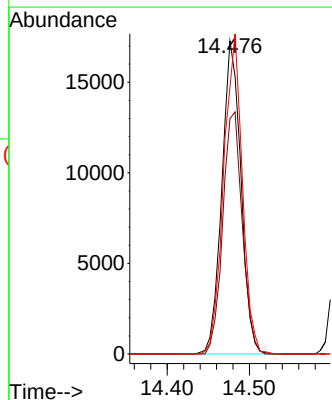
Tgt Ion: 75 Resp: 27708

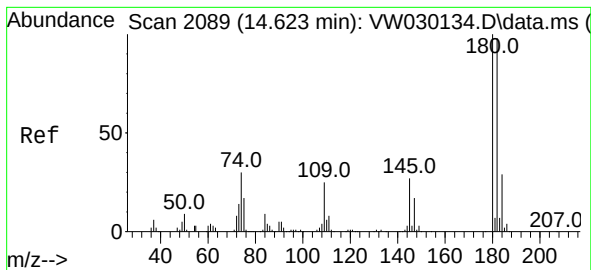
Ion Ratio Lower Upper

75 100

155 75.2 60.5 90.7

157 85.2 66.9 100.3





#69

1,3,5-Trichlorobenzene

Concen: 46.522 ug/L

RT: 14.629 min Scan# 2089

Delta R.T. 0.006 min

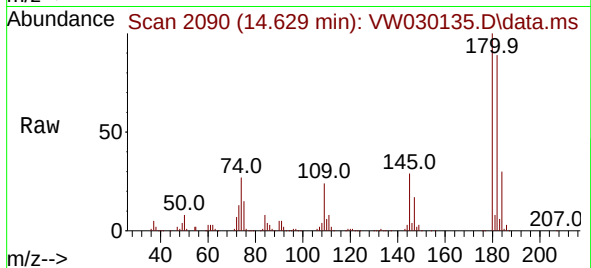
Lab File: VW030135.D

Acq: 16 Sep 2024 15:45

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 250122

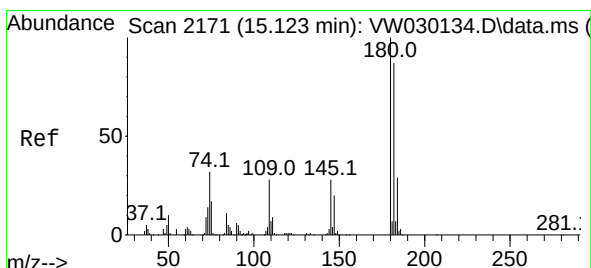
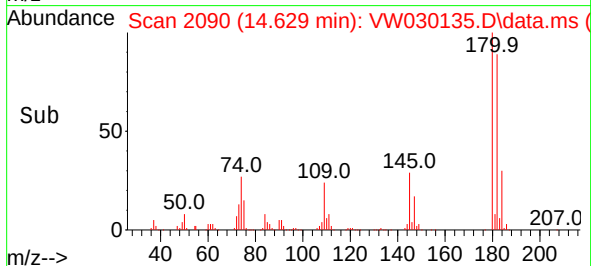
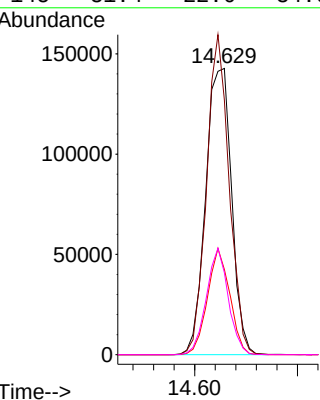
Ion Ratio Lower Upper

180 100

182 97.2 75.5 113.3

184 31.9 23.4 35.0

145 31.4 22.6 34.0



#70

1,2,4-trichlorobenzene

Concen: 50.733 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VW030135.D

Acq: 16 Sep 2024 15:45

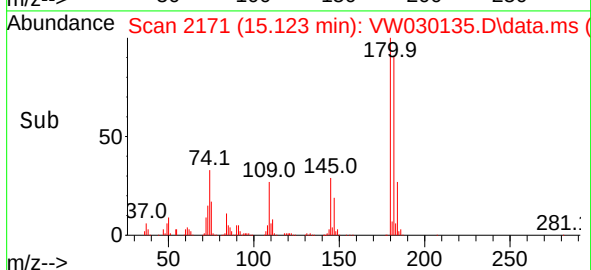
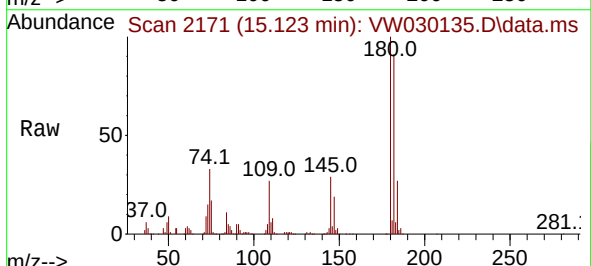
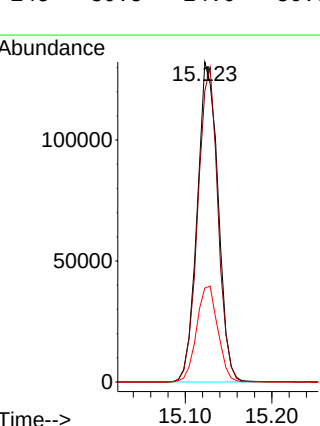
Tgt Ion:180 Resp: 220950

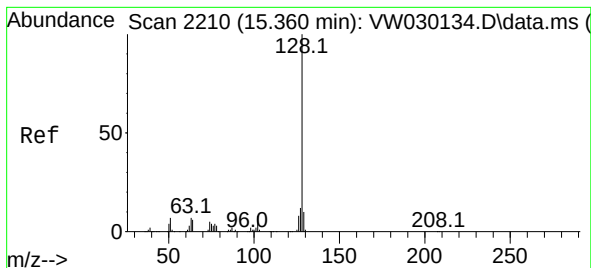
Ion Ratio Lower Upper

180 100

182 95.2 73.4 110.2

145 30.5 24.0 36.0





#71

Naphthalene

Concen: 56.008 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW030135.D

Acq: 16 Sep 2024 15:45

Instrument :

MSVOA_W

ClientSampleId :

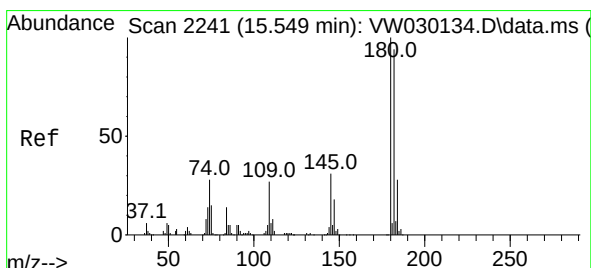
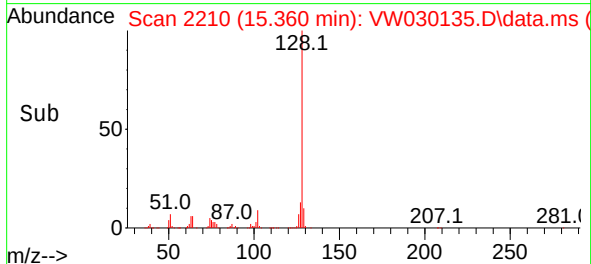
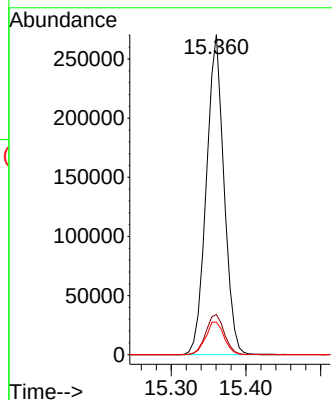
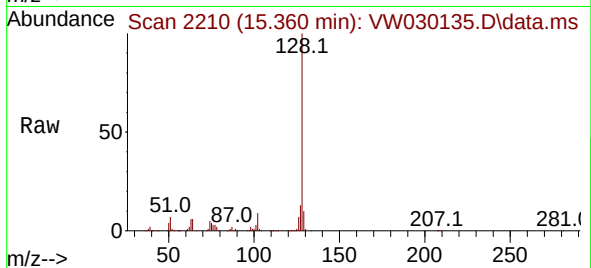
Tgt Ion:128 Resp: 442948

Ion Ratio Lower Upper

128 100

127 13.2 10.1 15.1

129 10.8 8.4 12.6



#72

1,2,3-Trichlorobenzene

Concen: 48.653 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW030135.D

Acq: 16 Sep 2024 15:45

Tgt Ion:180 Resp: 185809

Ion Ratio Lower Upper

180 100

182 97.8 76.4 114.6

145 33.1 26.2 39.4

