

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091624\
 Data File : VW030134.D
 Acq On : 16 Sep 2024 15:21
 Operator : SY/MD
 Sample : VSTD025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 17 04:20:19 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	243135	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	225964	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	115538	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	70331	22.399	ug/L	0.00
7) Chloroethane-d5	2.899	69	51222	23.107	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.027	65	35943	22.911	ug/L	0.00
21) 2-Butanone-d5	7.081	46	38449	50.854	ug/L	0.00
24) Chloroform-d	7.648	84	158151	23.657	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	81502	24.278	ug/L	0.00
32) Benzene-d6	8.276	84	307377	23.613	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	96180	23.930	ug/L	0.00
41) Toluene-d8	10.325	98	286491	24.559	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	38915	24.167	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	33150	53.901	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	74010	24.734	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	88338	22.523	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	66028	25.182	ug/L	100
3) Chloromethane	2.222	50	62243	24.866	ug/L	100
5) Vinyl chloride	2.375	62	77109	24.996	ug/L	100
6) Bromomethane	2.789	94	46631	25.233	ug/L	100
8) Chloroethane	2.936	64	46532	25.274	ug/L	100
9) Trichlorofluoromethane	3.271	101	92521	25.430	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	76735	23.487	ug/L	91
12) 1,1-Dichloroethene	4.045	96	72719	25.056	ug/L	100
13) Acetone	4.125	43	48561	56.169	ug/L	100
14) Carbon disulfide	4.387	76	202789	24.597	ug/L	100
15) Methyl Acetate	4.679	43	37354	26.481	ug/L	100
16) Methylene chloride	4.917	84	87284	24.346	ug/L	100
17) trans-1,2-Dichloroethene	5.429	96	81756	25.553	ug/L	100
18) Methyl tert-butyl Ether	5.429	73	136130	26.997	ug/L	100
19) 1,1-Dichloroethane	6.222	63	169420	26.078	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	92910	26.461	ug/L	100
22) 2-Butanone	7.167	43	57956	57.901	ug/L	100
23) Bromochloromethane	7.514	128	40911	26.072	ug/L	100
25) Chloroform	7.679	83	170603	25.855	ug/L	100
27) 1,2-Dichloroethane	8.404	62	110827	26.784	ug/L	100
29) Cyclohexane	7.959	56	126597	26.296	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	143595	26.273	ug/L	100
31) Carbon tetrachloride	8.069	117	129423	26.059	ug/L	100
33) Benzene	8.325	78	359129	25.995	ug/L	100
34) Trichloroethene	9.093	95	95651	25.648	ug/L	100
35) Methylcyclohexane	9.337	83	153127	26.633	ug/L	100
37) 1,2-Dichloropropane	9.368	63	97810	26.121	ug/L	100
38) Bromodichloromethane	9.648	83	123615	26.216	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	147445	26.916	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	109250	57.099	ug/L	100
42) Toluene	10.386	91	392944	26.805	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	125044	27.135	ug/L	100

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 Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

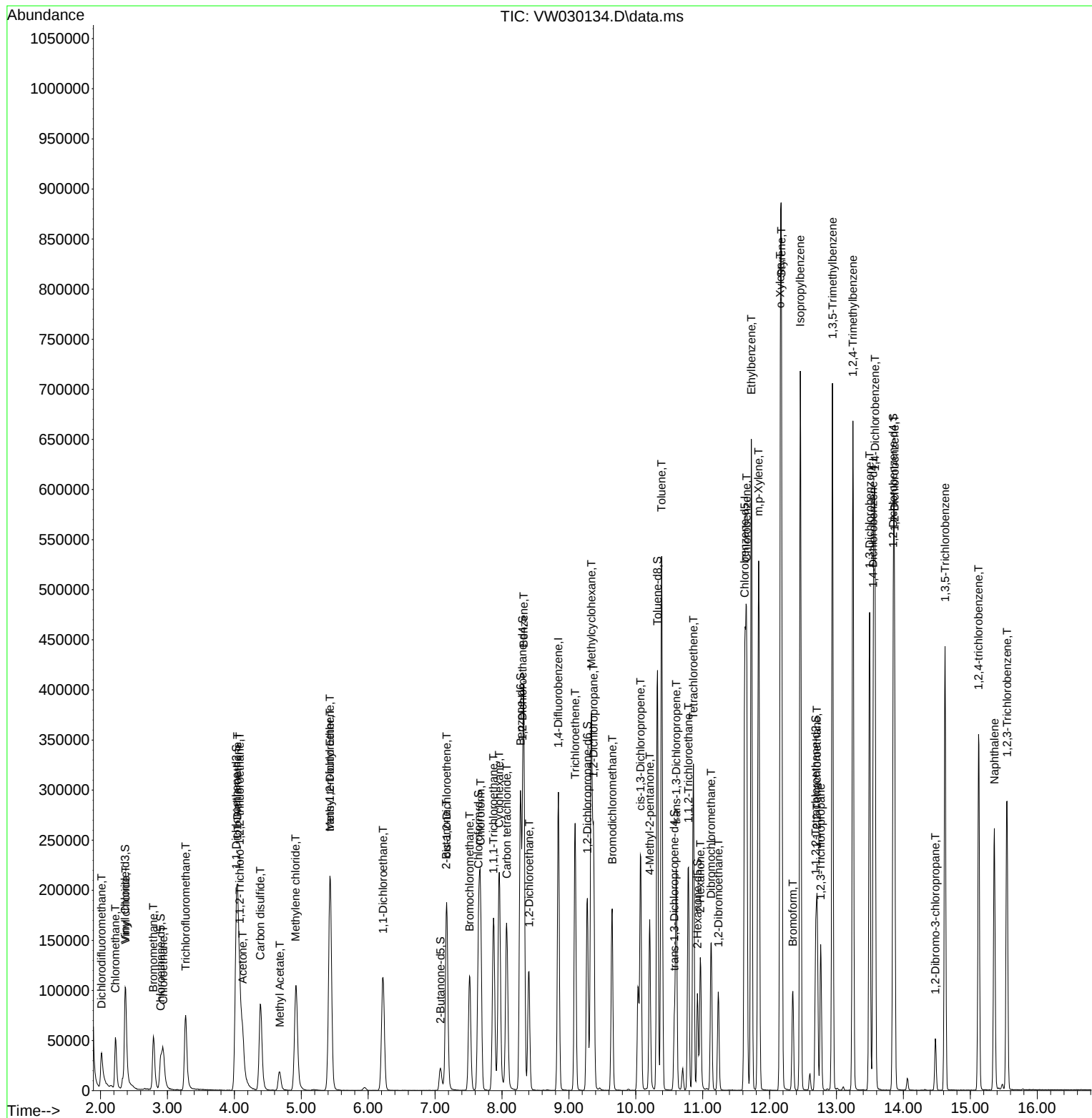
45) 1,1,2-Trichloroethane	10.788	97	71346	26.185	ug/L	100
46) Tetrachloroethene	10.861	164	73834	26.831	ug/L	100
48) 2-Hexanone	10.965	43	85620	58.192	ug/L	100
49) Dibromochloromethane	11.123	129	80161	27.032	ug/L	100
50) 1,2-Dibromoethane	11.233	107	66666	26.535	ug/L	100
51) Chlorobenzene	11.654	112	244765	25.850	ug/L	100
52) Ethylbenzene	11.727	91	453383	27.018	ug/L	100
53) m,p-Xylene	11.837	106	167403	27.038	ug/L	100
54) o-Xylene	12.160	106	158458	27.198	ug/L	100
55) Styrene	12.178	104	277902	27.499	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	87177	26.805	ug/L	100
59) Bromoform	12.349	173	46780	25.583	ug/L	100
60) Isopropylbenzene	12.458	105	455816	26.795	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	63076	26.242	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	369236	29.615	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	359103	27.705	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	189472	25.132	ug/L	100
65) 1,4-Dichlorobenzene	13.574	146	198461	25.480	ug/L	100
67) 1,2-Dichlorobenzene	13.867	146	176801	26.021	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.476	75	13980	26.668	ug/L	100
69) 1,3,5-Trichlorobenzene	14.623	180	135986	25.841	ug/L	100
70) 1,2,4-trichlorobenzene	15.123	180	113092	26.530	ug/L	100
71) Naphthalene	15.360	128	219035	28.296	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	100268	26.824	ug/L	100

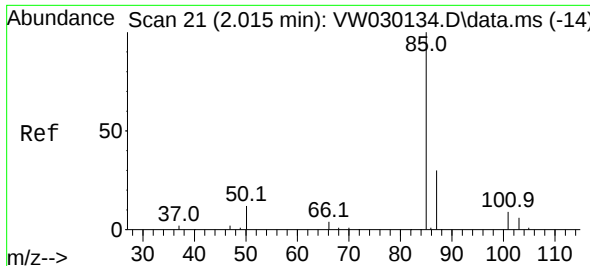
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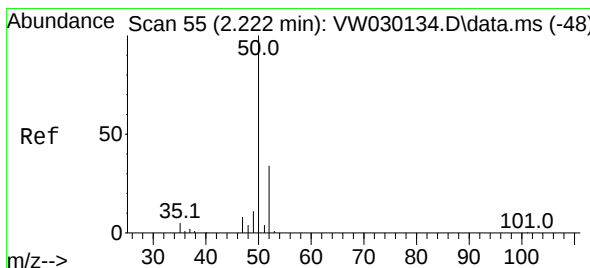
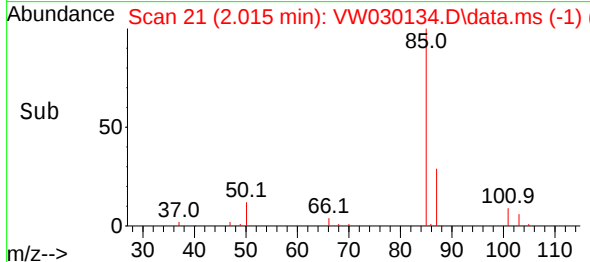
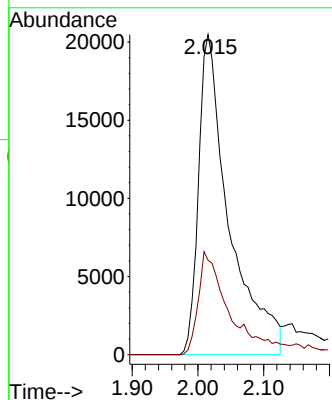
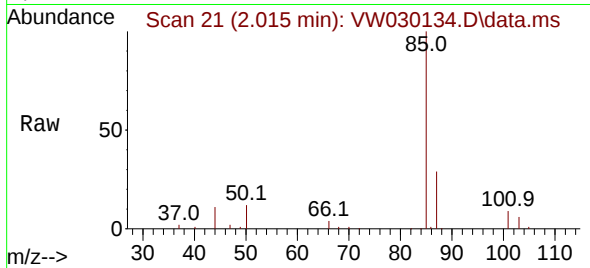




#2
 Dichlorodifluoromethane
 Concen: 25.182 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW030134.D
 Acq: 16 Sep 2024 15:21

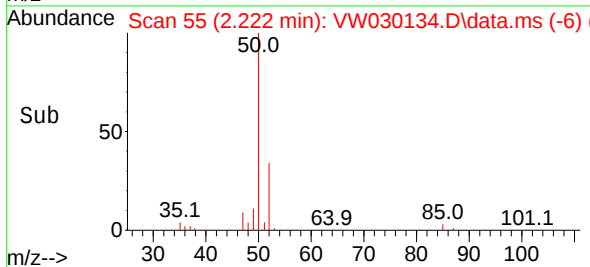
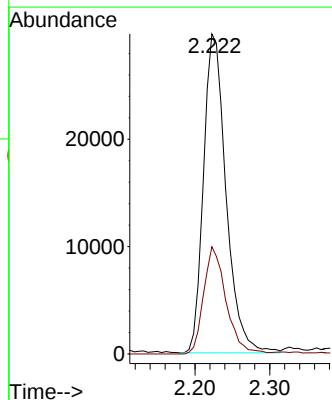
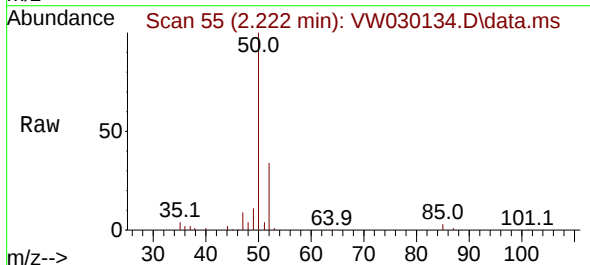
Instrument :
 MSVOA_W
 ClientSampleId :

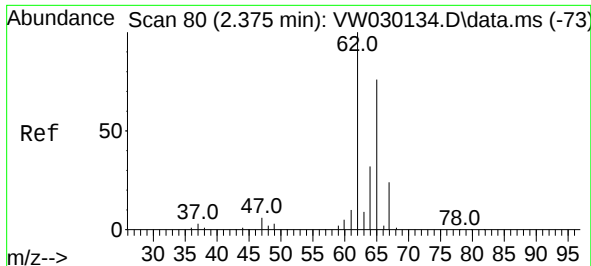
Tgt Ion: 85 Resp: 66028
 Ion Ratio Lower Upper
 85 100
 87 26.5 21.2 31.8



#3
 Chloromethane
 Concen: 24.866 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW030134.D
 Acq: 16 Sep 2024 15:21

Tgt Ion: 50 Resp: 62243
 Ion Ratio Lower Upper
 50 100
 52 33.5 23.4 43.6

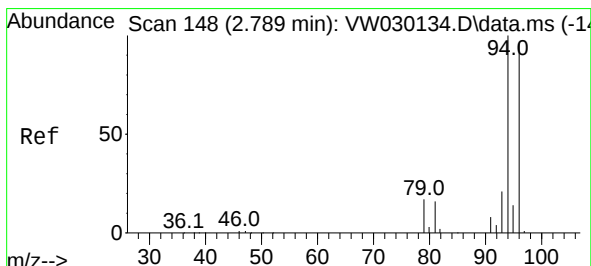
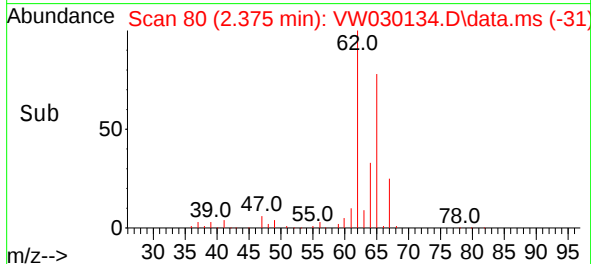
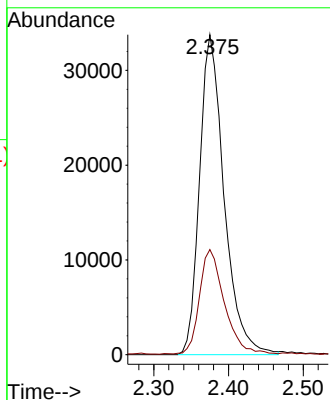
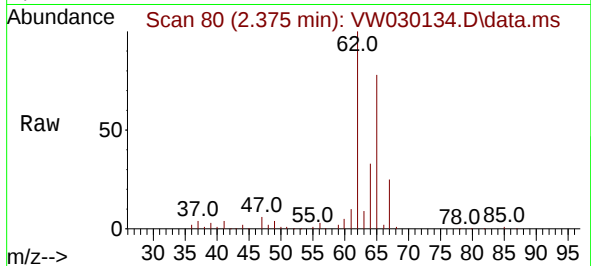




#5
Vinyl chloride
Concen: 24.996 ug/L
RT: 2.375 min Scan# 80
Delta R.T. 0.000 min
Lab File: VW030134.D
Acq: 16 Sep 2024 15:21

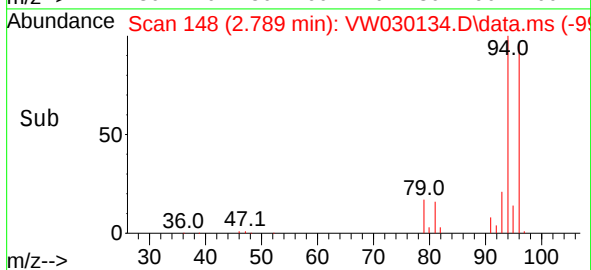
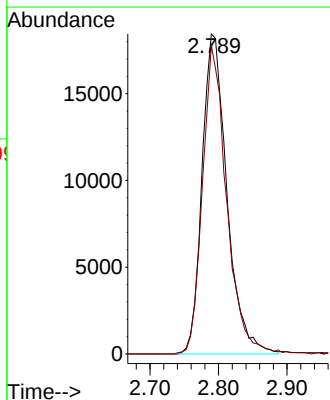
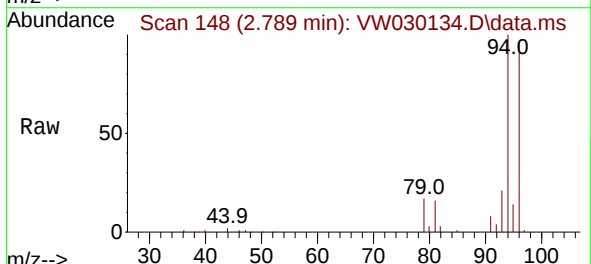
Instrument :
MSVOA_W
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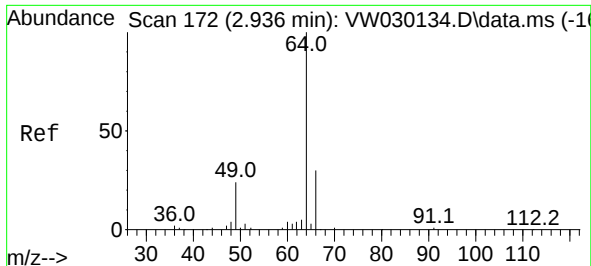
Tgt Ion: 62 Resp: 77109
Ion Ratio Lower Upper
62 100
64 32.9 23.0 42.8



#6
Bromomethane
Concen: 25.233 ug/L
RT: 2.789 min Scan# 148
Delta R.T. 0.000 min
Lab File: VW030134.D
Acq: 16 Sep 2024 15:21

Tgt Ion: 94 Resp: 46631
Ion Ratio Lower Upper
94 100
96 96.4 67.5 125.3

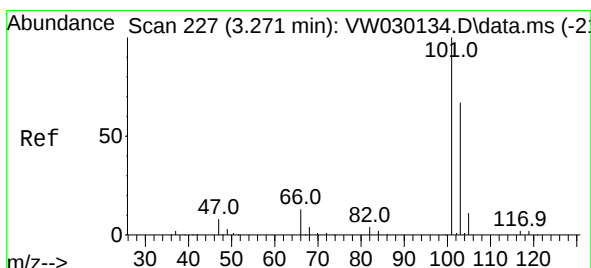
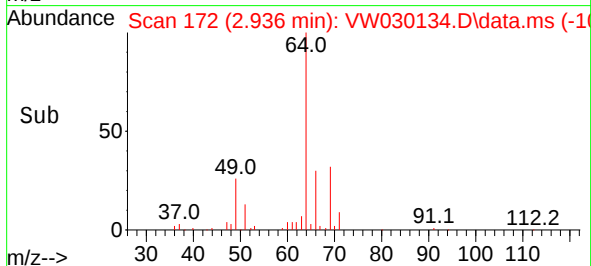
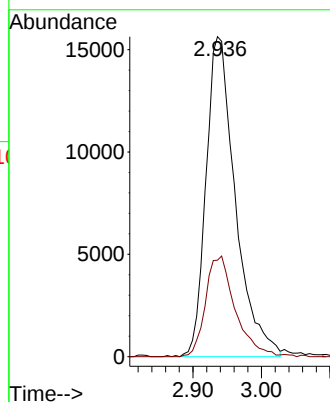
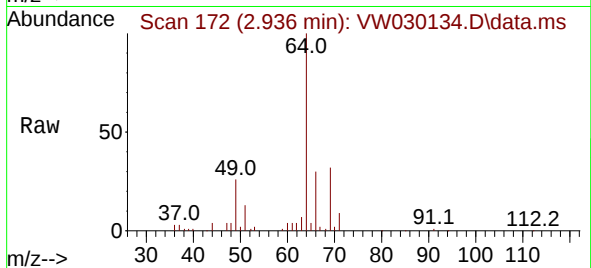




#8
Chloroethane
Concen: 25.274 ug/L
RT: 2.936 min Scan# 172
Delta R.T. 0.000 min
Lab File: VW030134.D
Acq: 16 Sep 2024 15:21

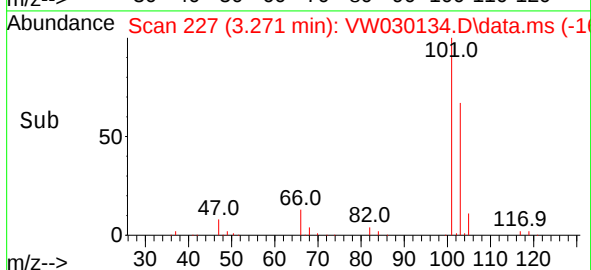
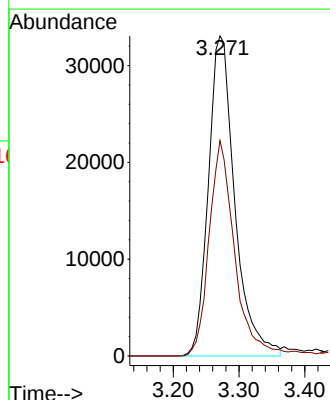
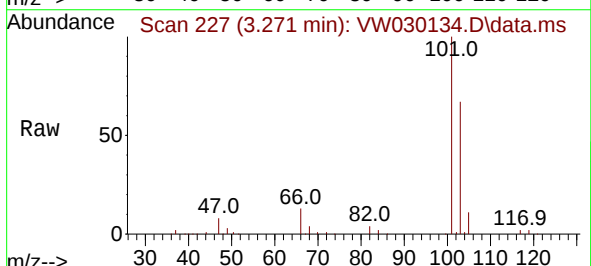
Instrument :
MSVOA_W
ClientSampleId :

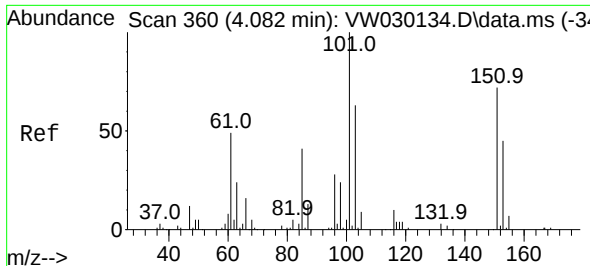
Tgt Ion: 64 Resp: 46532
Ion Ratio Lower Upper
64 100
66 30.2 21.1 39.3



#9
Trichlorofluoromethane
Concen: 25.430 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.000 min
Lab File: VW030134.D
Acq: 16 Sep 2024 15:21

Tgt Ion:101 Resp: 92521
Ion Ratio Lower Upper
101 100
103 64.7 51.8 77.6





#10

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

Concen: 23.487 ug/L

RT: 4.082 min Scan# 360

Delta R.T. 0.000 min

Lab File: VW030134.D

Acq: 16 Sep 2024 15:21

Instrument :

MSVOA_W

ClientSampleId :

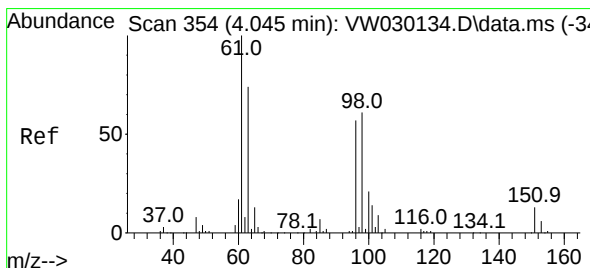
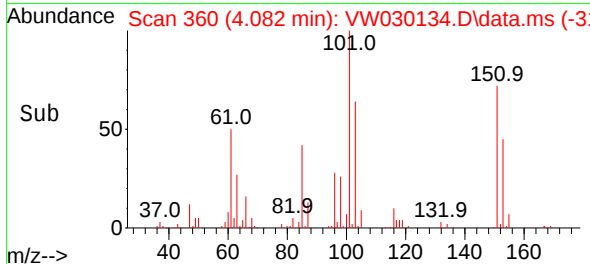
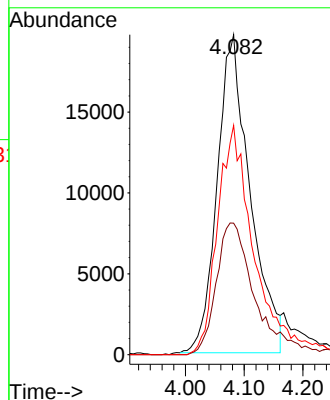
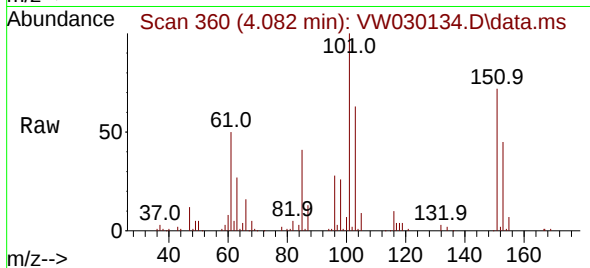
Tgt Ion:101 Resp: 76735

Ion Ratio Lower Upper

101 100

85 47.5 34.2 51.2

151 77.8 56.1 84.1



#12

1,1-Dichloroethene

Concen: 25.056 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.000 min

Lab File: VW030134.D

Acq: 16 Sep 2024 15:21

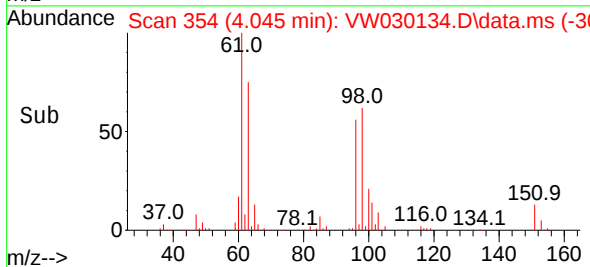
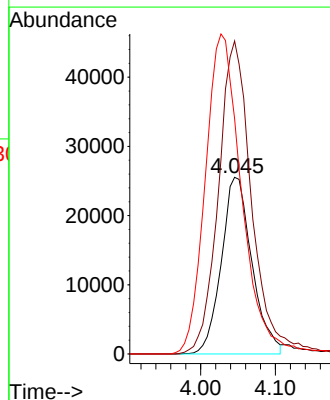
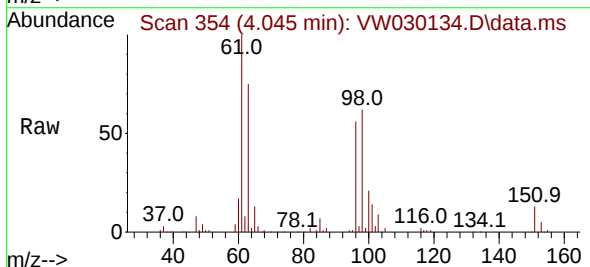
Tgt Ion: 96 Resp: 72719

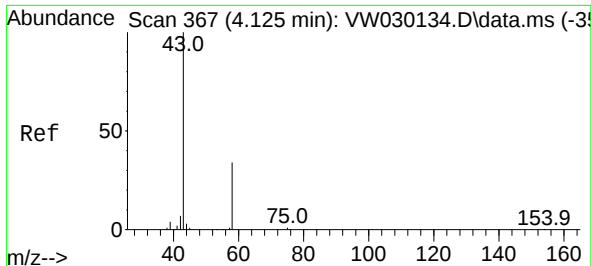
Ion Ratio Lower Upper

96 100

61 177.2 124.0 230.4

63 133.3 93.3 173.3

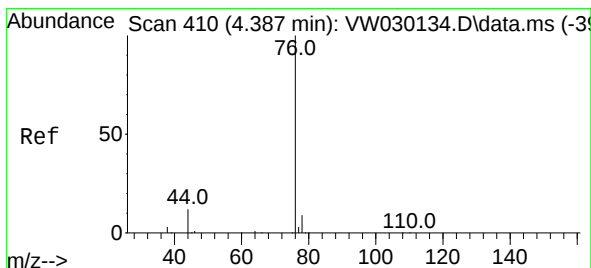
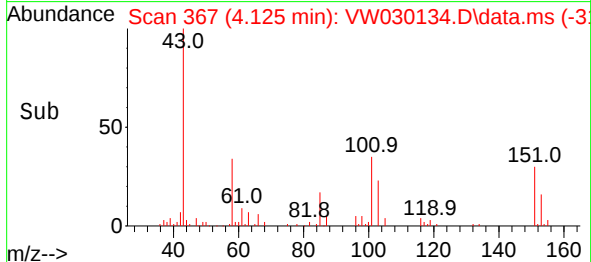
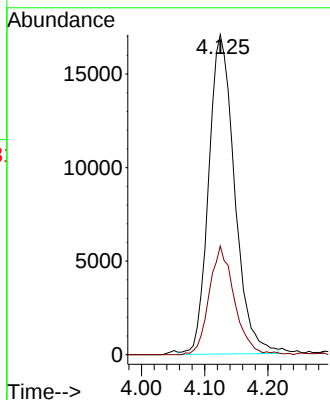
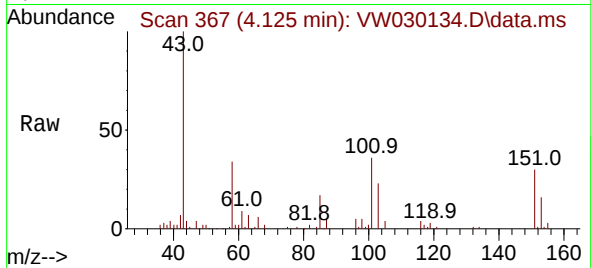




#13
Acetone
Concen: 56.169 ug/L
RT: 4.125 min Scan# 367
Delta R.T. 0.000 min
Lab File: VW030134.D
Acq: 16 Sep 2024 15:21

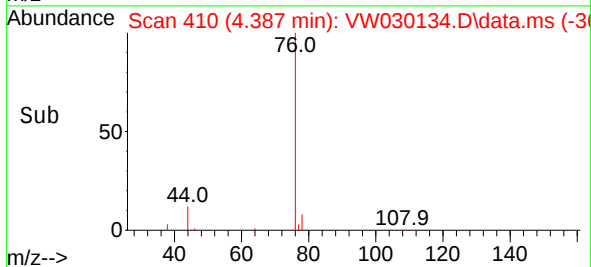
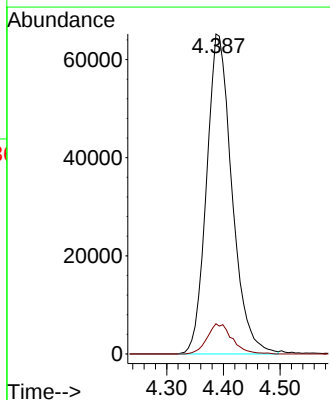
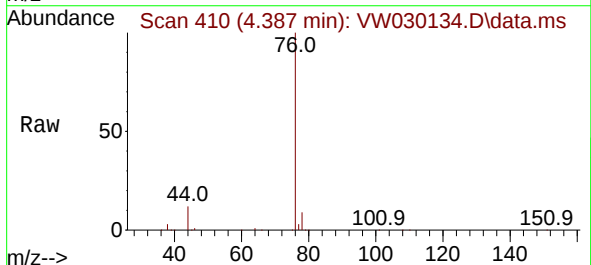
Instrument :
MSVOA_W
ClientSampleId :

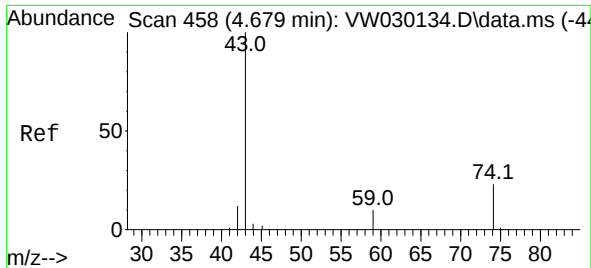
Tgt Ion: 43 Resp: 48561
Ion Ratio Lower Upper
43 100
58 32.5 0.0 65.0



#14
Carbon disulfide
Concen: 24.597 ug/L
RT: 4.387 min Scan# 410
Delta R.T. 0.000 min
Lab File: VW030134.D
Acq: 16 Sep 2024 15:21

Tgt Ion: 76 Resp: 202789
Ion Ratio Lower Upper
76 100
78 9.5 7.6 11.4

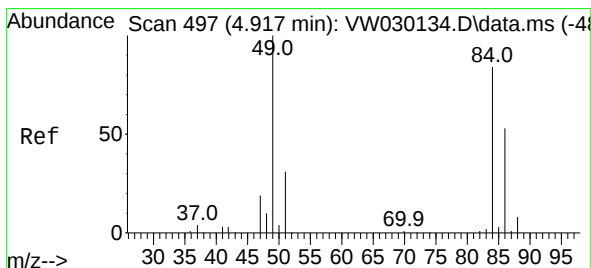
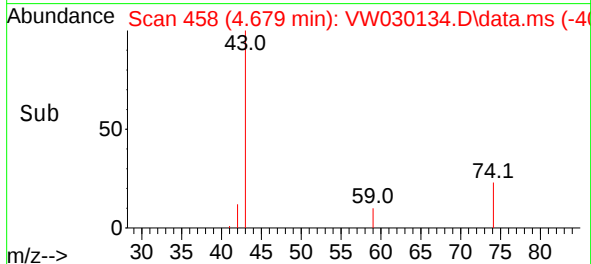
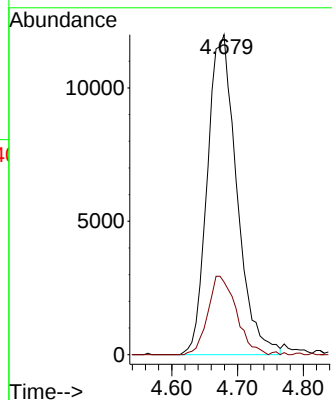
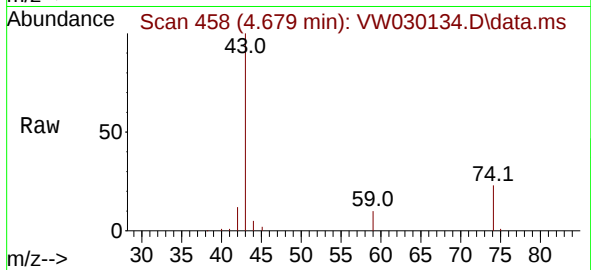




#15
Methyl Acetate
Concen: 26.481 ug/L
RT: 4.679 min Scan# 458
Delta R.T. 0.000 min
Lab File: VW030134.D
Acq: 16 Sep 2024 15:21

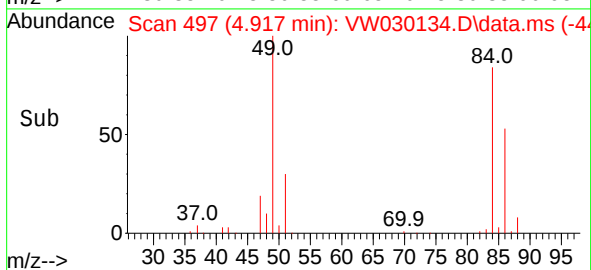
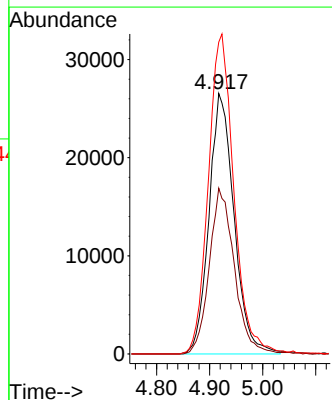
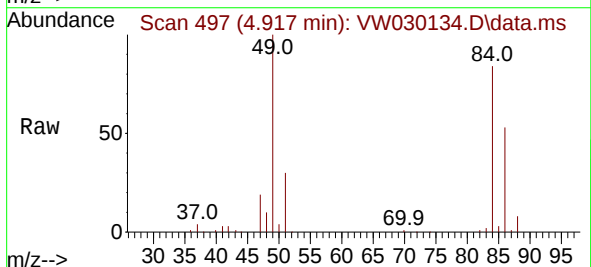
Instrument :
MSVOA_W
ClientSampleId :

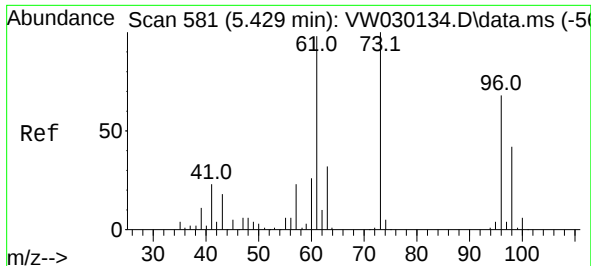
Tgt Ion: 43 Resp: 37354
Ion Ratio Lower Upper
43 100
74 23.6 18.9 28.3



#16
Methylene chloride
Concen: 24.346 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW030134.D
Acq: 16 Sep 2024 15:21

Tgt Ion: 84 Resp: 87284
Ion Ratio Lower Upper
84 100
86 63.7 44.6 82.8
49 119.7 83.8 155.6





#17

trans-1,2-Dichloroethene

Concen: 25.553 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW030134.D

Acq: 16 Sep 2024 15:21

Instrument :

MSVOA_W

ClientSampleId :

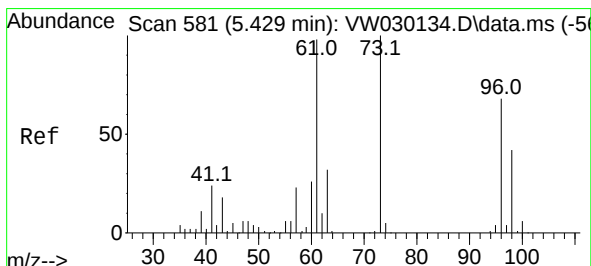
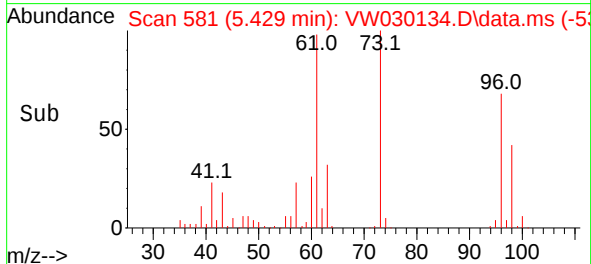
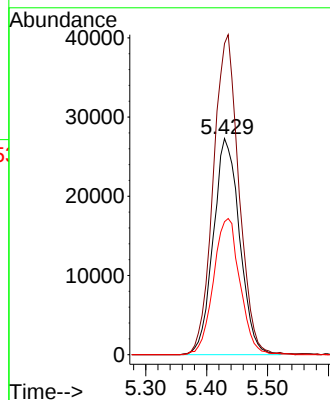
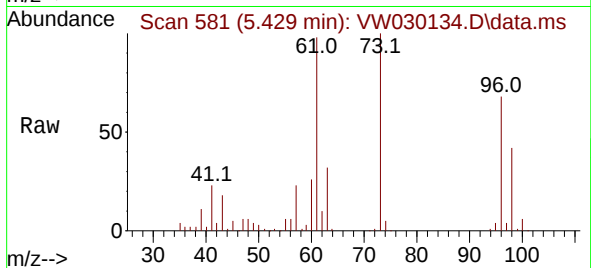
Tgt Ion: 96 Resp: 81756

Ion Ratio Lower Upper

96 100

61 144.0 100.8 187.2

98 61.5 43.0 80.0



#18

Methyl tert-butyl Ether

Concen: 26.997 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW030134.D

Acq: 16 Sep 2024 15:21

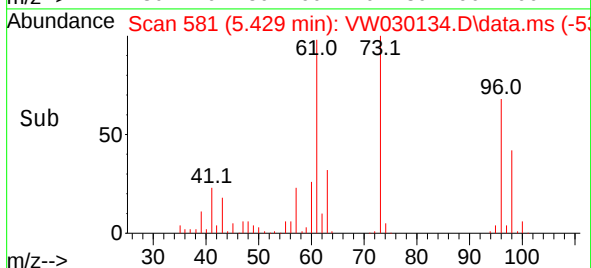
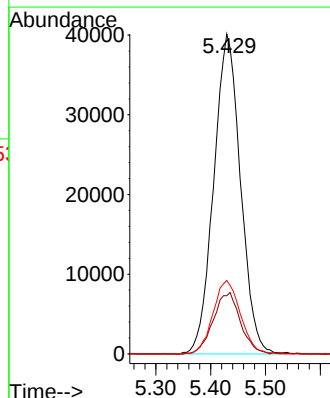
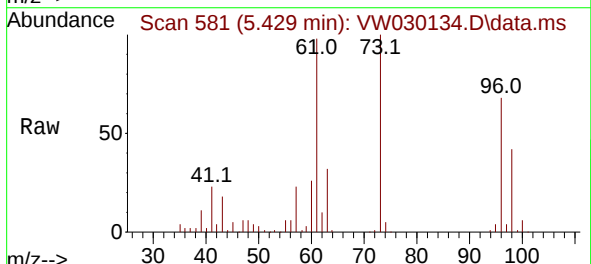
Tgt Ion: 73 Resp: 136130

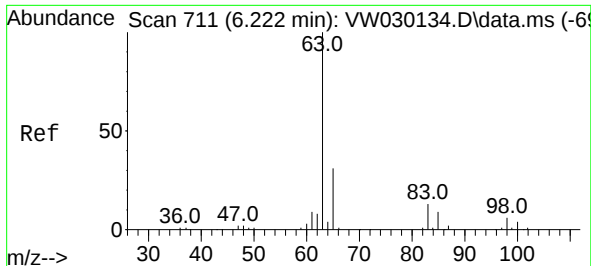
Ion Ratio Lower Upper

73 100

43 19.6 15.7 23.5

57 23.5 18.8 28.2





#19

1,1-Dichloroethane

Concen: 26.078 ug/L

RT: 6.222 min Scan# 711

Delta R.T. 0.000 min

Lab File: VW030134.D

Acq: 16 Sep 2024 15:21

Instrument :

MSVOA_W

ClientSampleId :

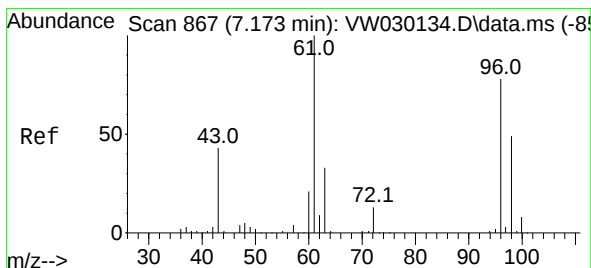
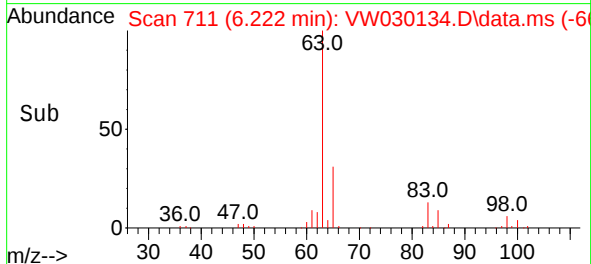
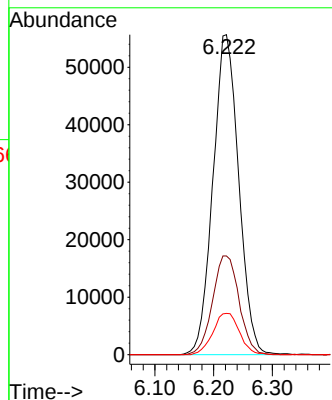
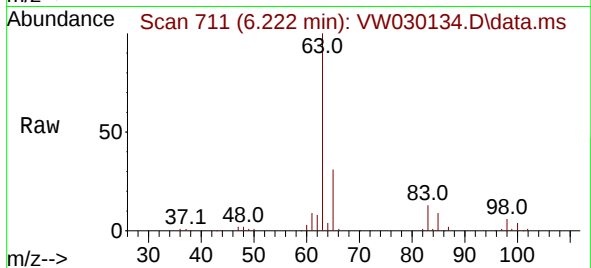
Tgt Ion: 63 Resp: 169420

Ion Ratio Lower Upper

63 100

65 30.8 21.6 40.0

83 12.9 9.0 16.8



#20

cis-1,2-Dichloroethene

Concen: 26.461 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW030134.D

Acq: 16 Sep 2024 15:21

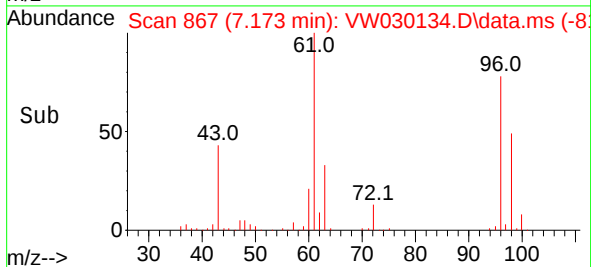
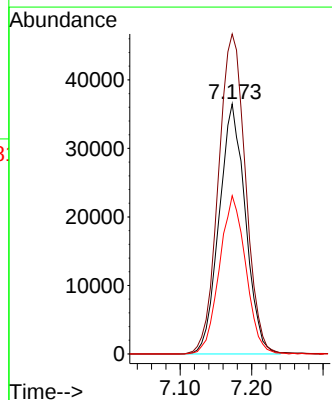
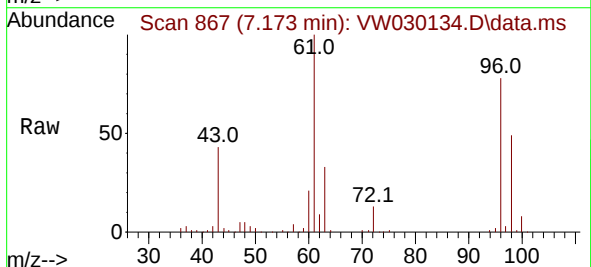
Tgt Ion: 96 Resp: 92910

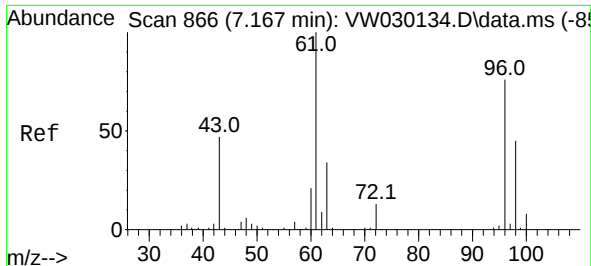
Ion Ratio Lower Upper

96 100

61 127.9 89.5 166.3

98 63.3 44.3 82.3

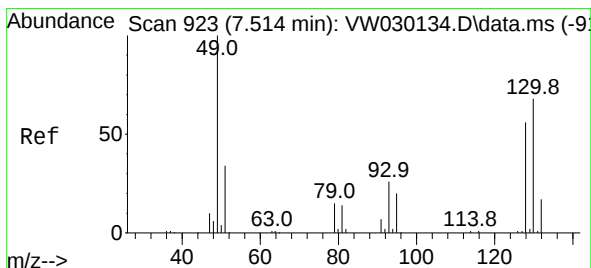
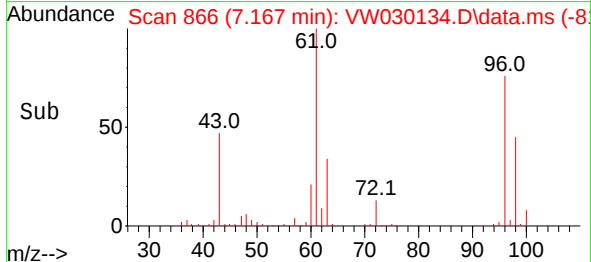
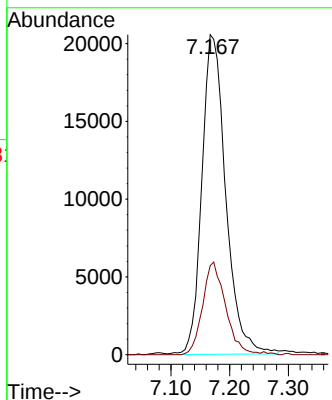
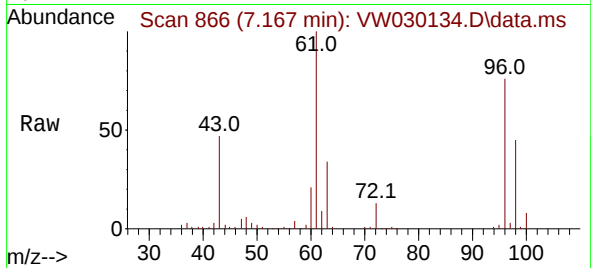




#22
2-Butanone
Concen: 57.901 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW030134.D
Acq: 16 Sep 2024 15:21

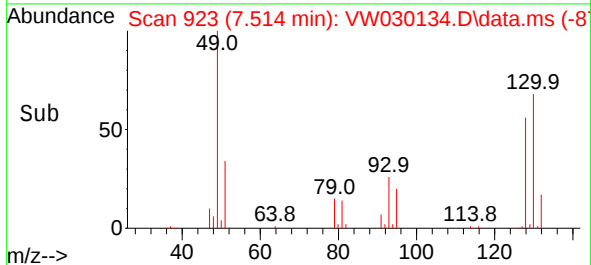
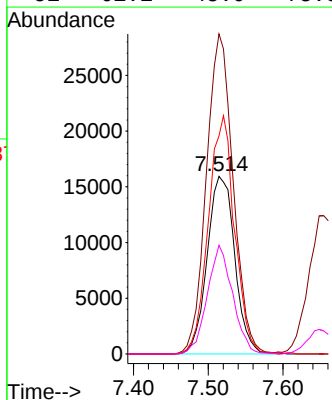
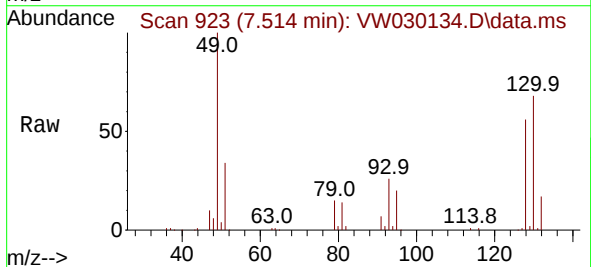
Instrument :
MSVOA_W
ClientSampleId :

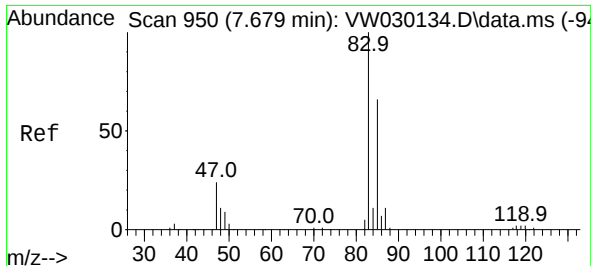
Tgt Ion: 43 Resp: 57956
Ion Ratio Lower Upper
43 100
72 27.8 13.9 41.7



#23
Bromochloromethane
Concen: 26.072 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW030134.D
Acq: 16 Sep 2024 15:21

Tgt Ion: 128 Resp: 40911
Ion Ratio Lower Upper
128 100
49 180.1 126.1 234.1
130 122.7 85.9 159.5
51 61.1 48.9 73.3





#25

Chloroform

Concen: 25.855 ug/L

RT: 7.679 min Scan# 950

Delta R.T. 0.000 min

Lab File: VW030134.D

Acq: 16 Sep 2024 15:21

Instrument :

MSVOA_W

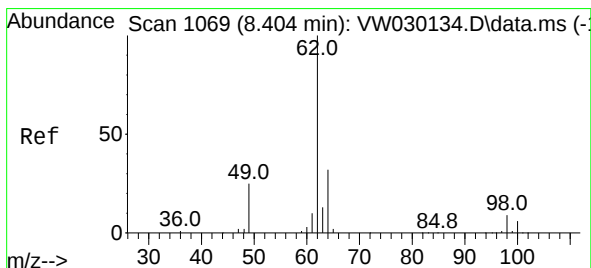
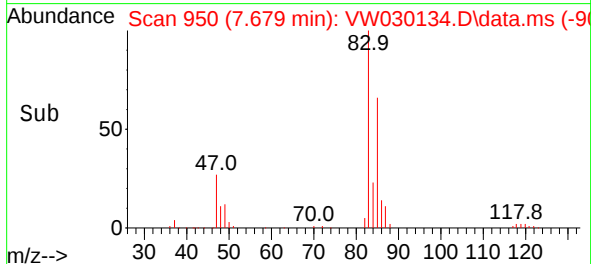
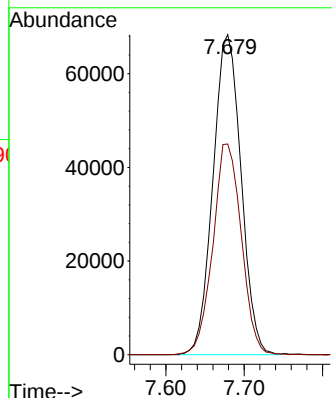
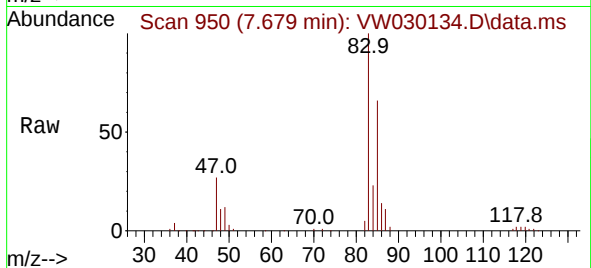
ClientSampleId :

Tgt Ion: 83 Resp: 170603

Ion Ratio Lower Upper

83 100

85 65.8 46.1 85.5



#27

1,2-Dichloroethane

Concen: 26.784 ug/L

RT: 8.404 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VW030134.D

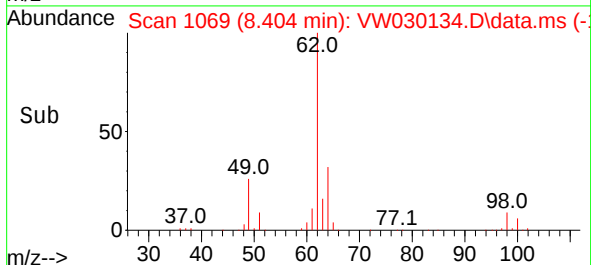
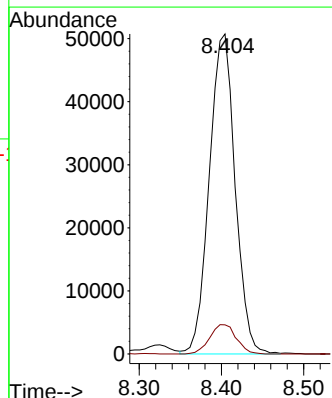
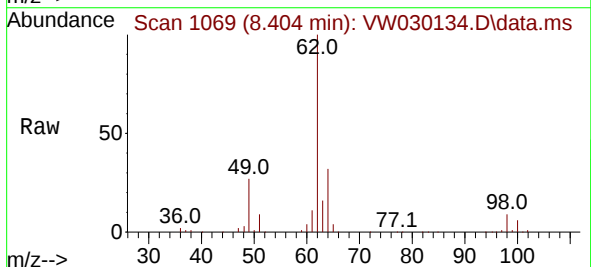
Acq: 16 Sep 2024 15:21

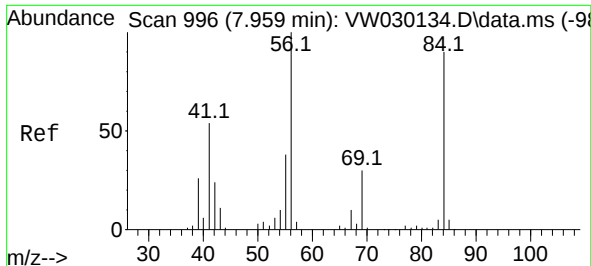
Tgt Ion: 62 Resp: 110827

Ion Ratio Lower Upper

62 100

98 9.1 7.3 10.9





#29

Cyclohexane

Concen: 26.296 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW030134.D

Acq: 16 Sep 2024 15:21

Instrument :

MSVOA_W

ClientSampleId :

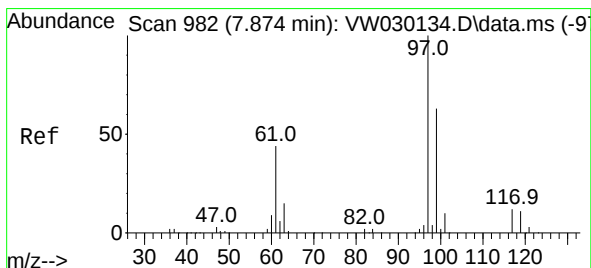
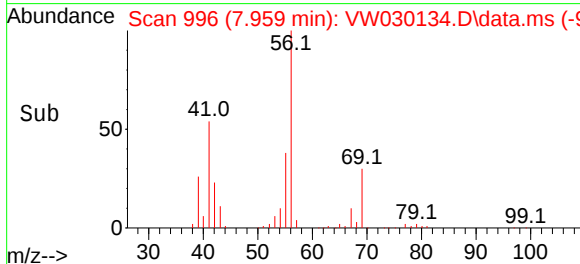
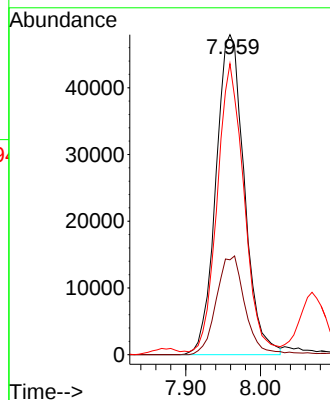
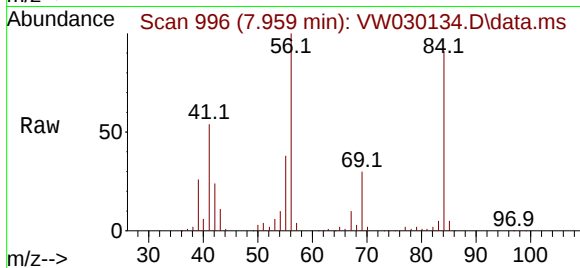
Tgt Ion: 56 Resp: 126597

Ion Ratio Lower Upper

56 100

69 30.8 24.6 37.0

84 86.1 68.9 103.3



#30

1,1,1-Trichloroethane

Concen: 26.273 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW030134.D

Acq: 16 Sep 2024 15:21

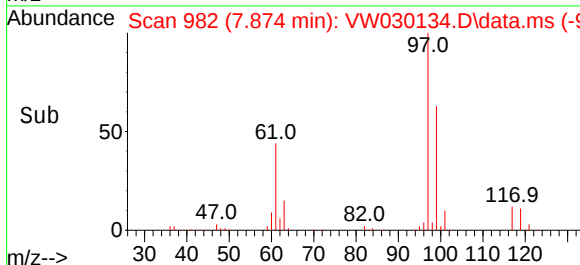
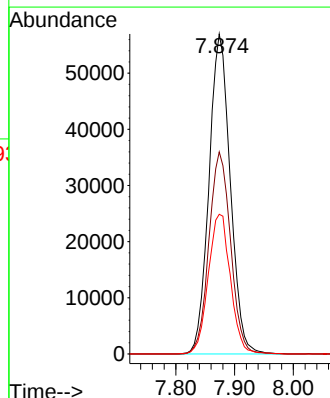
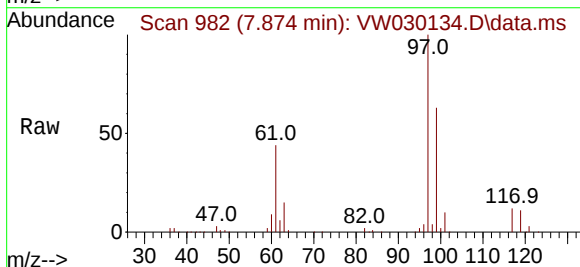
Tgt Ion: 97 Resp: 143595

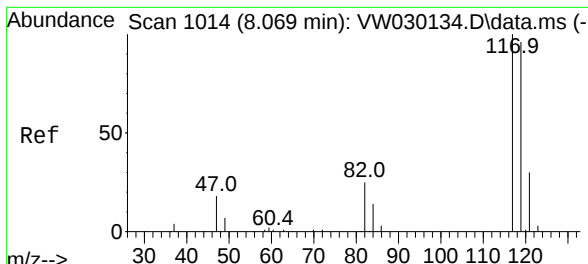
Ion Ratio Lower Upper

97 100

99 64.1 51.3 76.9

61 45.5 36.4 54.6

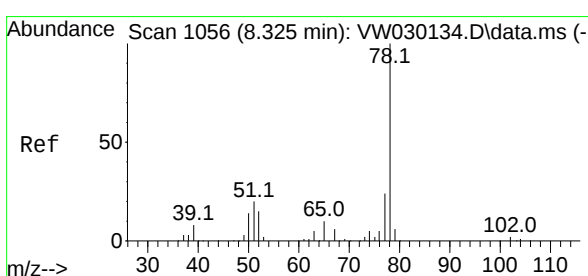
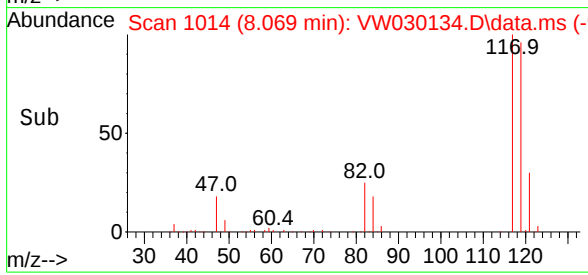
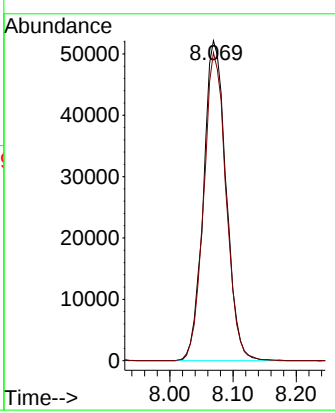
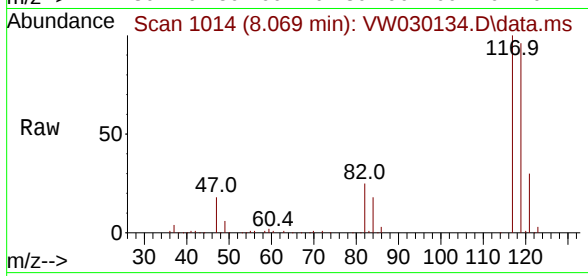




#31
Carbon tetrachloride
Concen: 26.059 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW030134.D
Acq: 16 Sep 2024 15:21

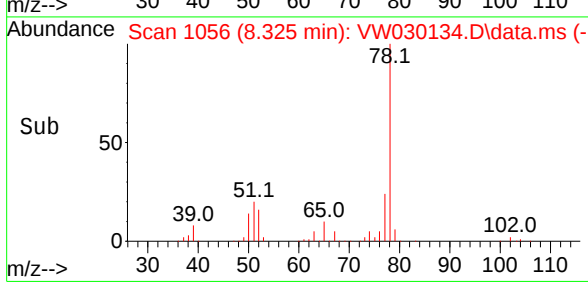
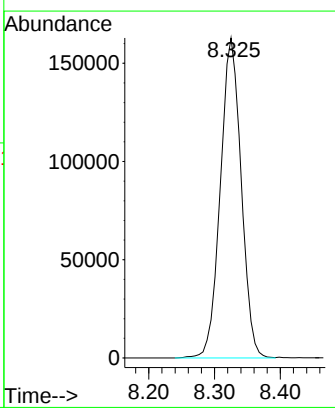
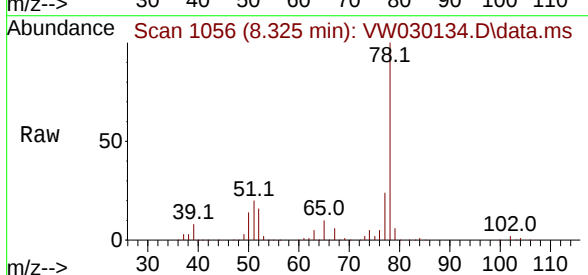
Instrument :
MSVOA_W
ClientSampleId :

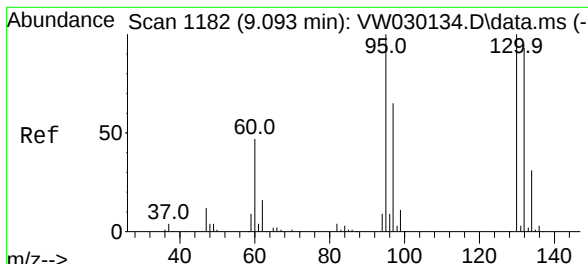
Tgt Ion:117 Resp: 129423
Ion Ratio Lower Upper
117 100
119 95.3 76.2 114.4



#33
Benzene
Concen: 25.995 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW030134.D
Acq: 16 Sep 2024 15:21

Tgt Ion: 78 Resp: 359129





#34

Trichloroethene

Concen: 25.648 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW030134.D

Acq: 16 Sep 2024 15:21

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 95651

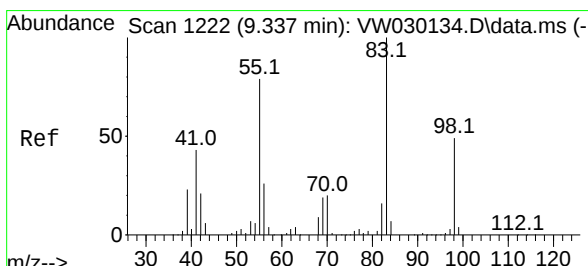
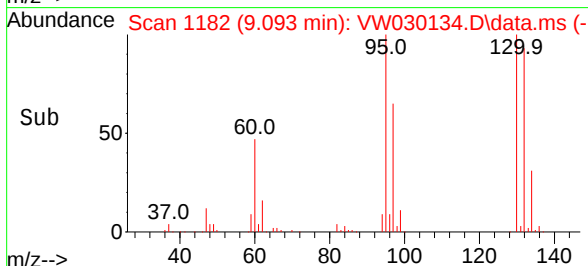
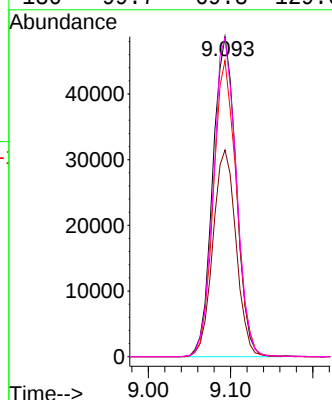
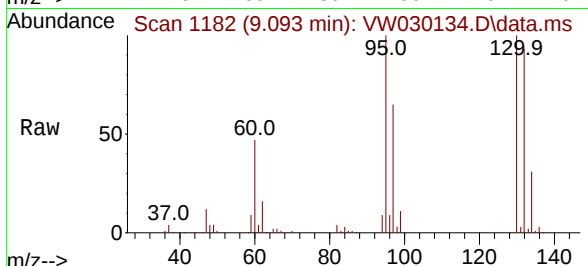
Ion Ratio Lower Upper

95 100

97 64.6 45.2 84.0

132 92.5 64.8 120.3

130 99.7 69.8 129.6



#35

Methylcyclohexane

Concen: 26.633 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW030134.D

Acq: 16 Sep 2024 15:21

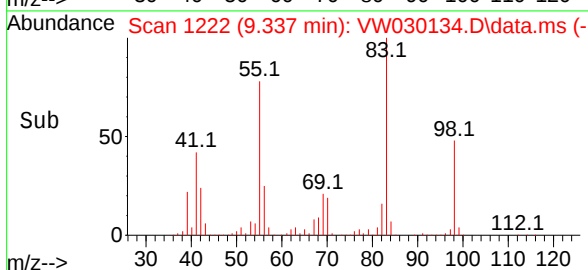
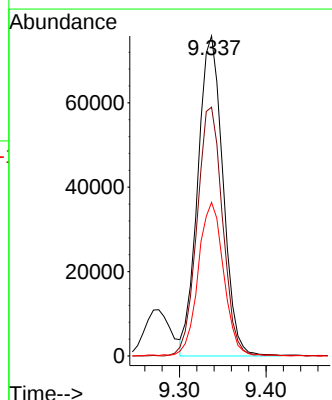
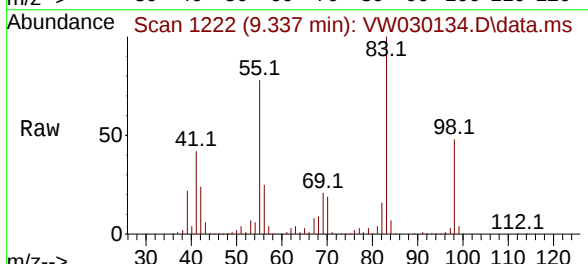
Tgt Ion: 83 Resp: 153127

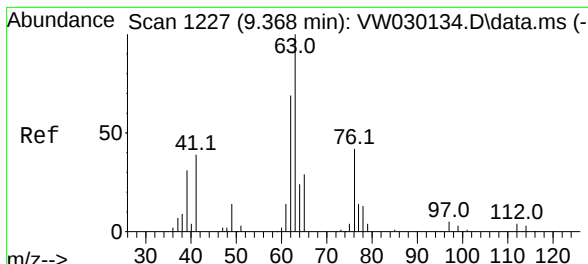
Ion Ratio Lower Upper

83 100

55 78.8 63.0 94.6

98 48.4 38.7 58.1

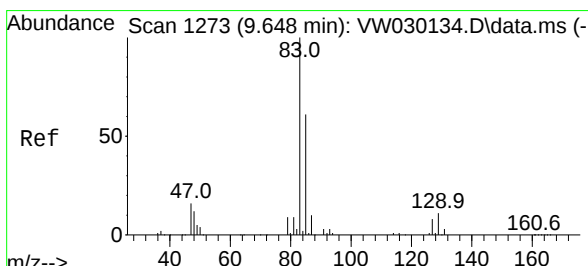
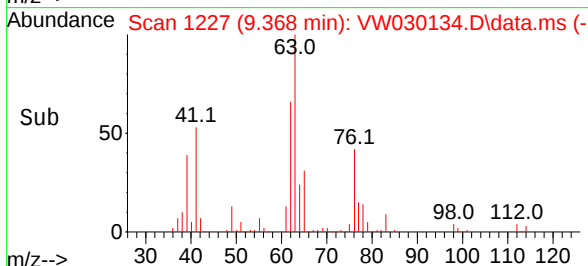
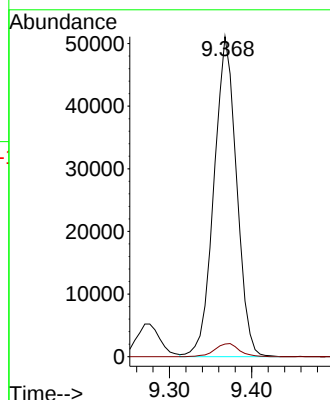
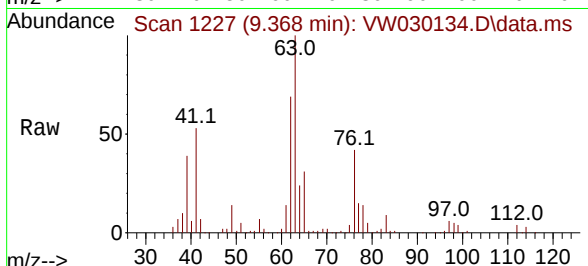




#37
1,2-Dichloropropane
Concen: 26.121 ug/L
RT: 9.368 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VW030134.D
Acq: 16 Sep 2024 15:21

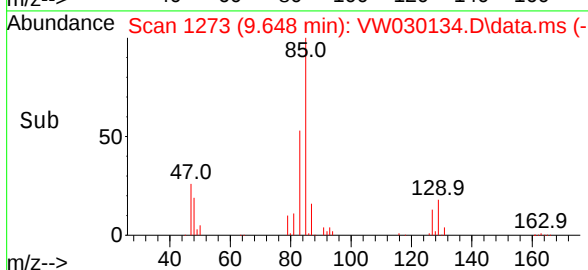
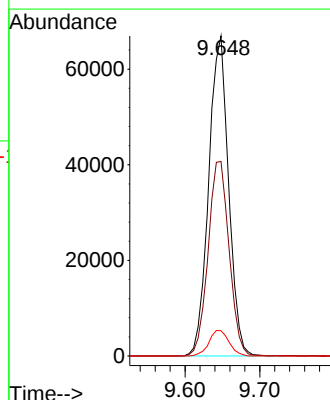
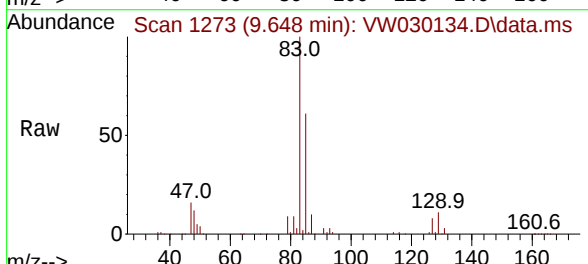
Instrument :
MSVOA_W
ClientSampleId :

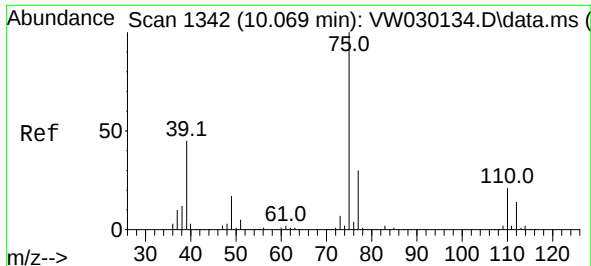
Tgt Ion: 63 Resp: 97810
Ion Ratio Lower Upper
63 100
112 4.4 3.5 5.3



#38
Bromodichloromethane
Concen: 26.216 ug/L
RT: 9.648 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VW030134.D
Acq: 16 Sep 2024 15:21

Tgt Ion: 83 Resp: 123615
Ion Ratio Lower Upper
83 100
85 60.8 42.6 79.0
127 7.9 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 26.916 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. 0.000 min

Lab File: VW030134.D

Acq: 16 Sep 2024 15:21

Instrument :

MSVOA_W

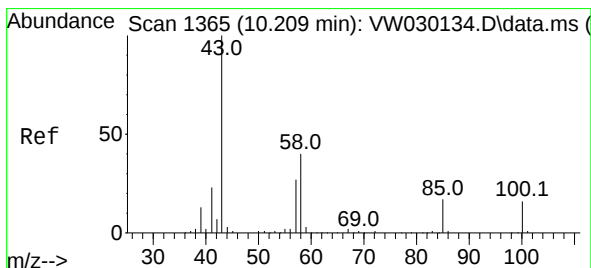
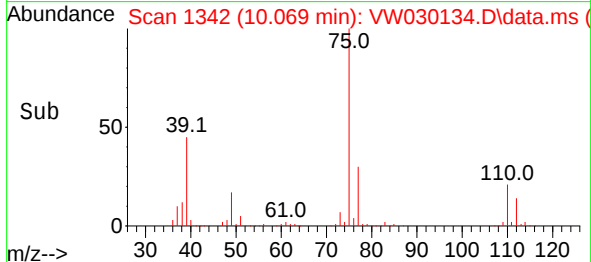
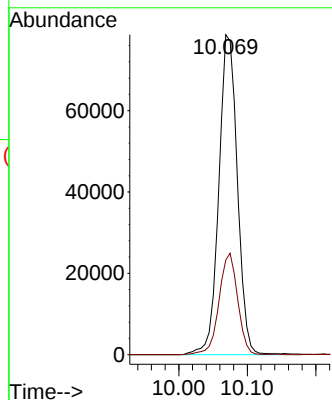
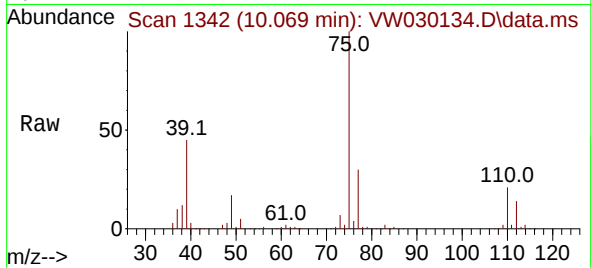
ClientSampleId :

Tgt Ion: 75 Resp: 147445

Ion Ratio Lower Upper

75 100

77 29.6 20.7 38.5



#40

4-Methyl-2-pentanone

Concen: 57.099 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW030134.D

Acq: 16 Sep 2024 15:21

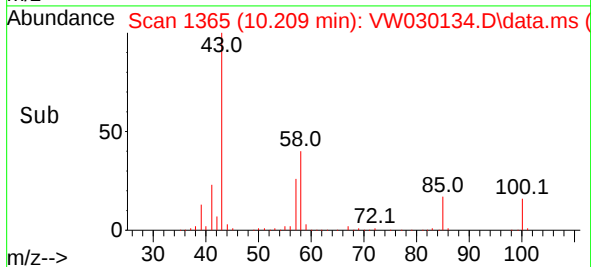
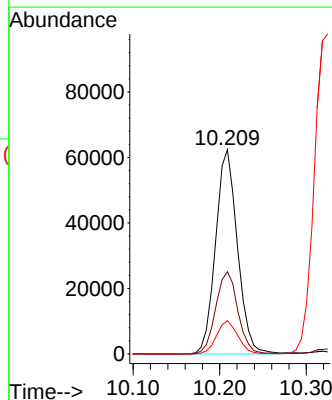
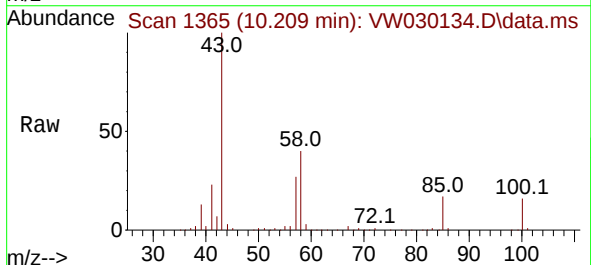
Tgt Ion: 43 Resp: 109250

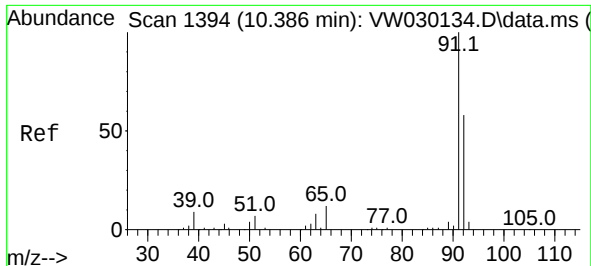
Ion Ratio Lower Upper

43 100

58 40.9 32.7 49.1

100 15.9 12.7 19.1





#42

Toluene

Concen: 26.805 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW030134.D

Acq: 16 Sep 2024 15:21

Instrument :

MSVOA_W

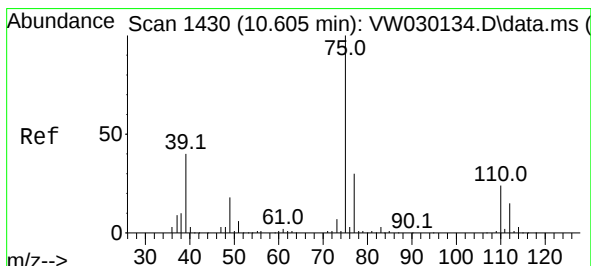
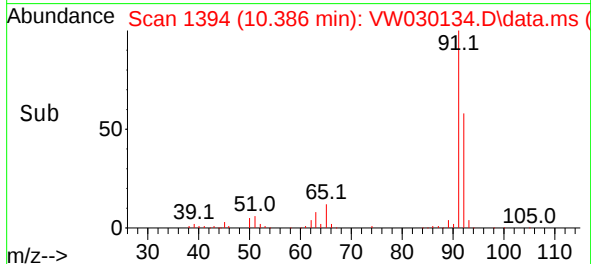
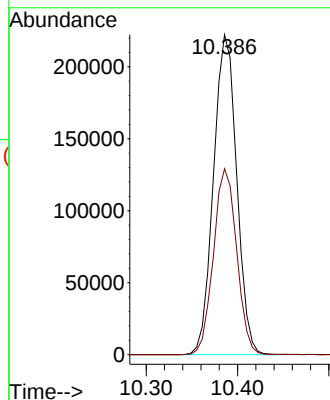
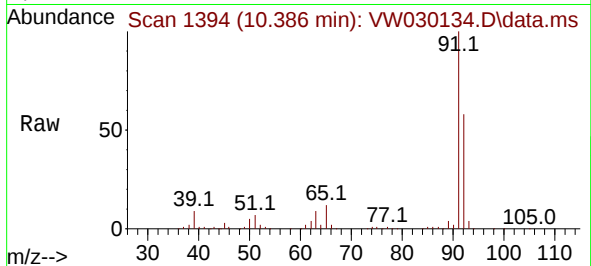
ClientSampleId :

Tgt Ion: 91 Resp: 392944

Ion Ratio Lower Upper

91 100

92 58.1 40.7 75.5



#44

trans-1,3-Dichloropropene

Concen: 27.135 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW030134.D

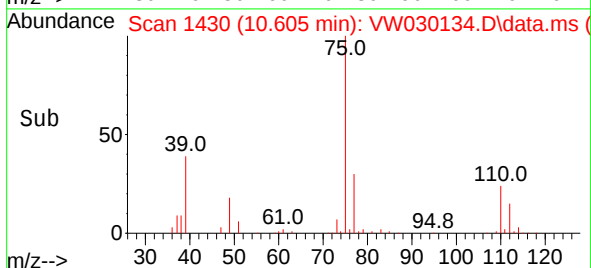
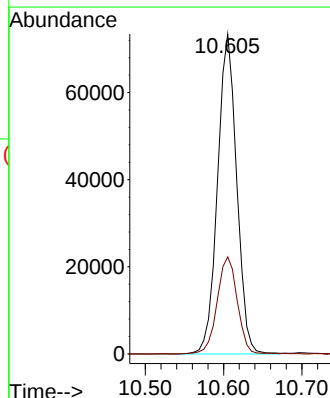
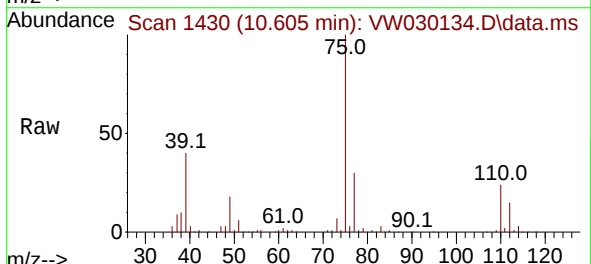
Acq: 16 Sep 2024 15:21

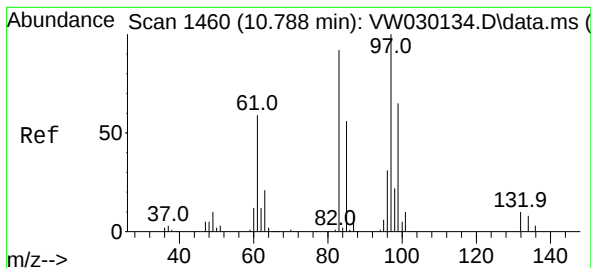
Tgt Ion: 75 Resp: 125044

Ion Ratio Lower Upper

75 100

77 30.3 21.2 39.4





#45

1,1,2-Trichloroethane

Concen: 26.185 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VW030134.D

Acq: 16 Sep 2024 15:21

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 71346

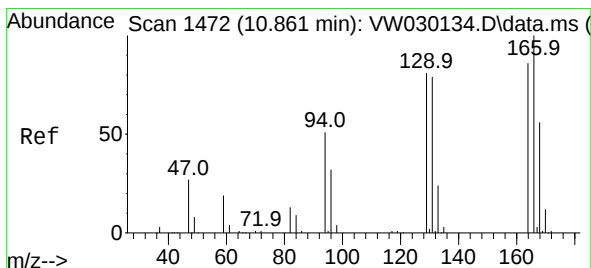
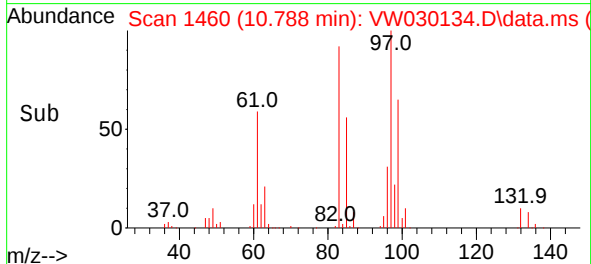
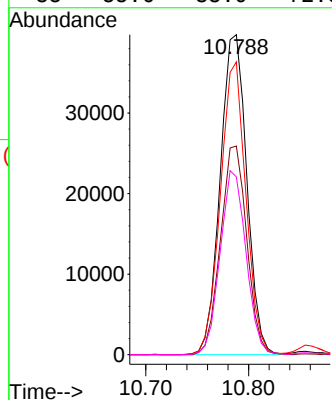
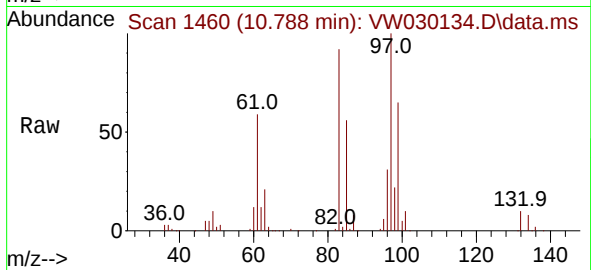
Ion Ratio Lower Upper

97 100

99 65.2 45.6 84.8

83 91.5 64.0 119.0

85 55.6 38.9 72.3



#46

Tetrachloroethene

Concen: 26.831 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW030134.D

Acq: 16 Sep 2024 15:21

Tgt Ion:164 Resp: 73834

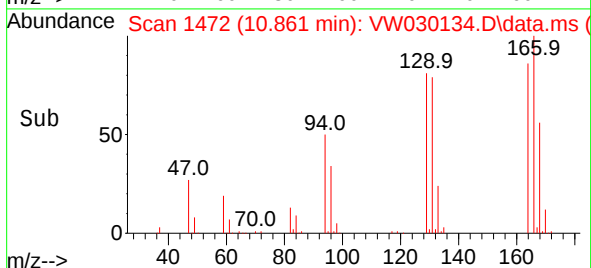
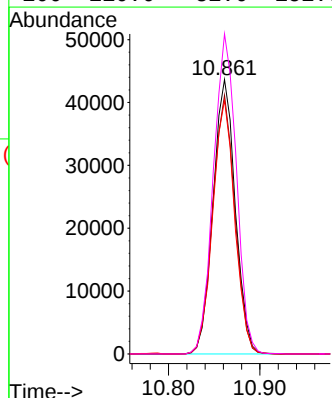
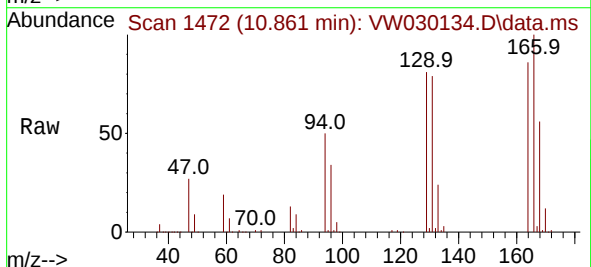
Ion Ratio Lower Upper

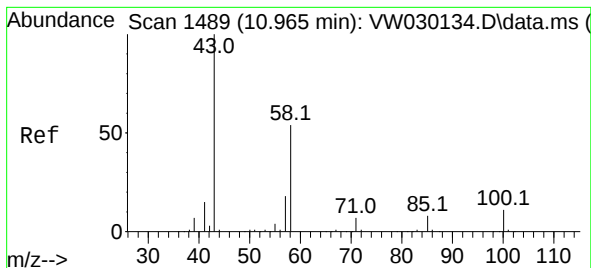
164 100

129 94.3 66.0 122.6

131 92.6 64.8 120.4

166 116.6 81.6 151.6

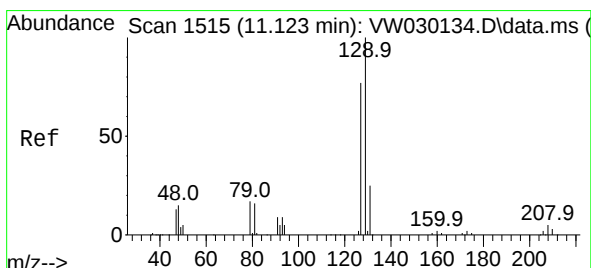
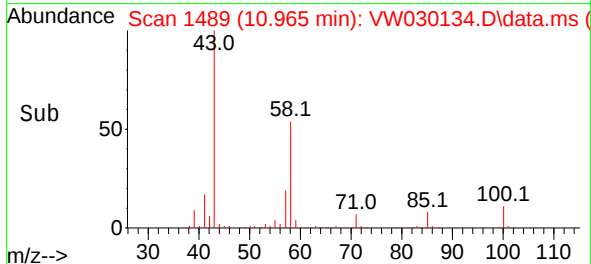
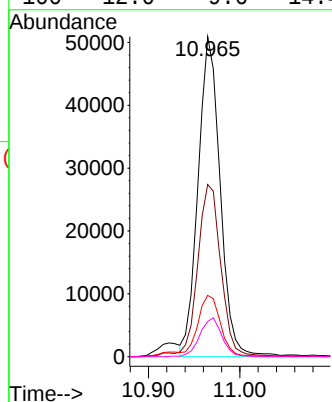
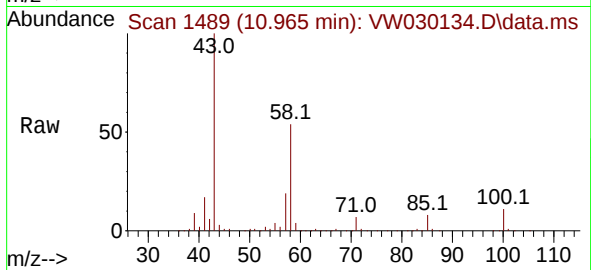




#48
2-Hexanone
Concen: 58.192 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW030134.D
Acq: 16 Sep 2024 15:21

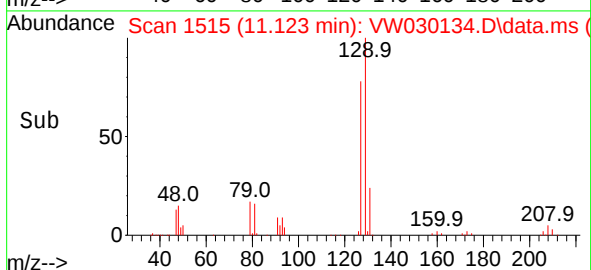
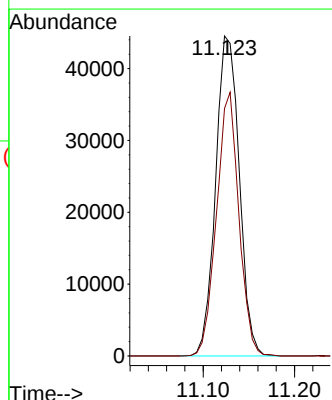
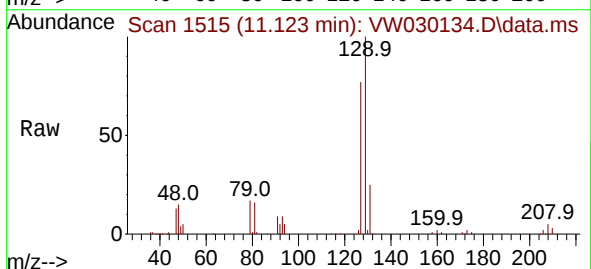
Instrument :
MSVOA_W
ClientSampleId :

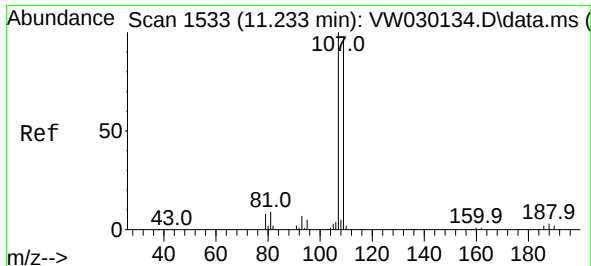
Tgt Ion: 43 Resp: 85620
Ion Ratio Lower Upper
43 100
58 56.0 44.8 67.2
57 19.3 15.4 23.2
100 12.0 9.6 14.4



#49
Dibromochloromethane
Concen: 27.032 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VW030134.D
Acq: 16 Sep 2024 15:21

Tgt Ion:129 Resp: 80161
Ion Ratio Lower Upper
129 100
127 77.4 54.2 100.6





#50

1,2-Dibromoethane

Concen: 26.535 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW030134.D

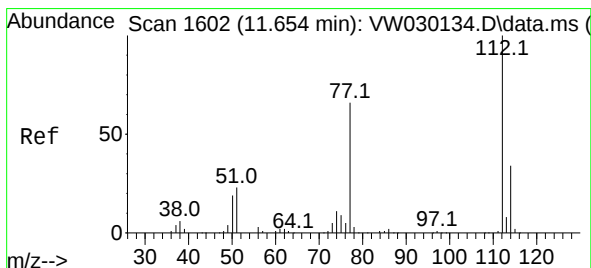
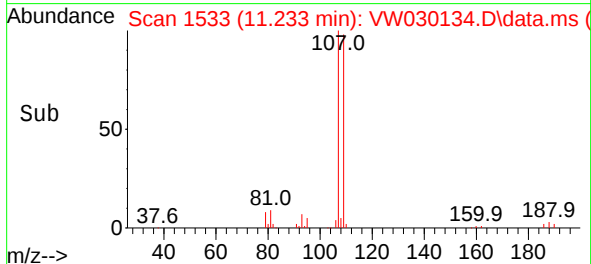
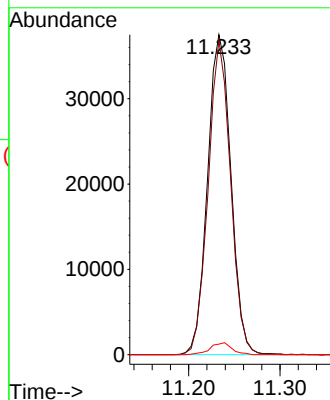
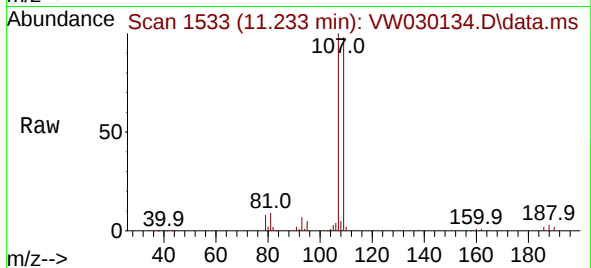
Acq: 16 Sep 2024 15:21

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	66666
Ion	Ratio	Lower	Upper
107	100		
109	98.2	68.7	127.7
188	3.3	2.6	4.0



#51

Chlorobenzene

Concen: 25.850 ug/L

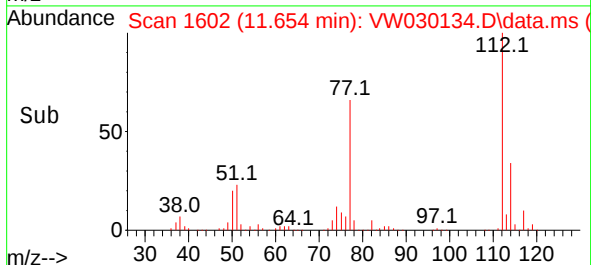
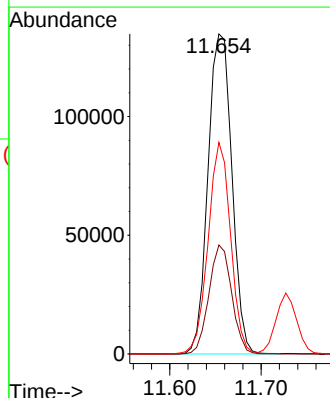
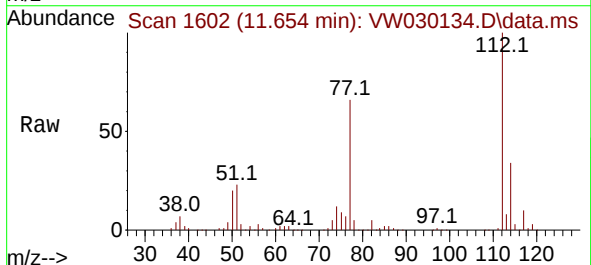
RT: 11.654 min Scan# 1602

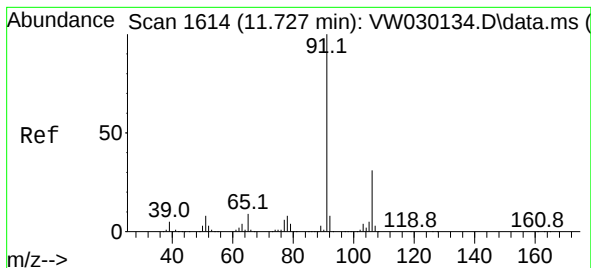
Delta R.T. 0.000 min

Lab File: VW030134.D

Acq: 16 Sep 2024 15:21

Tgt Ion:	112	Resp:	244765
Ion	Ratio	Lower	Upper
112	100		
114	34.0	23.8	44.2
77	66.1	52.9	79.3





#52

Ethylbenzene

Concen: 27.018 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030134.D

Acq: 16 Sep 2024 15:21

Instrument :

MSVOA_W

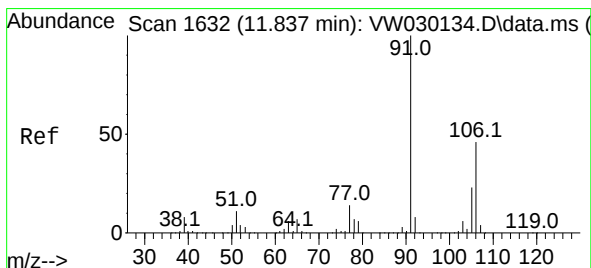
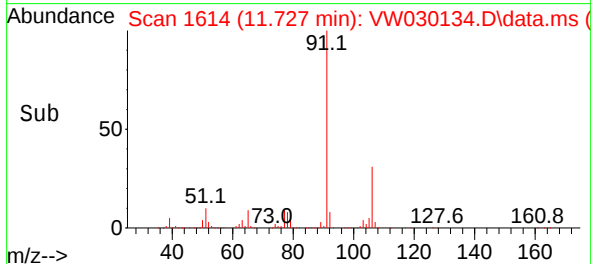
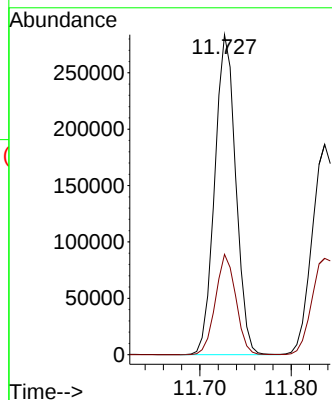
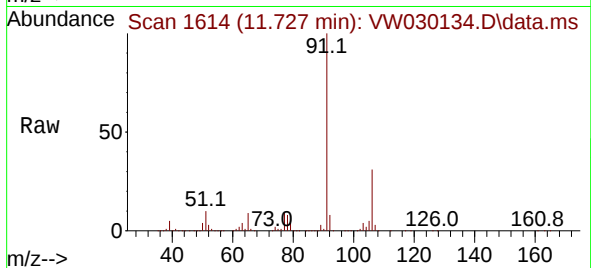
ClientSampleId :

Tgt Ion: 91 Resp: 453383

Ion Ratio Lower Upper

91 100

106 31.3 21.9 40.7



#53

m,p-Xylene

Concen: 27.038 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW030134.D

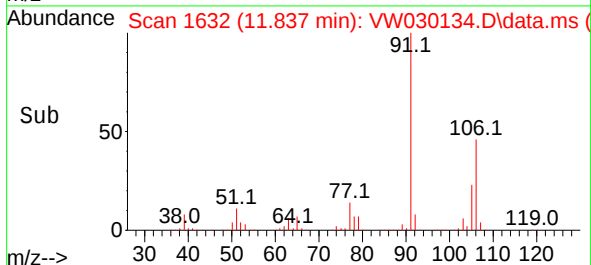
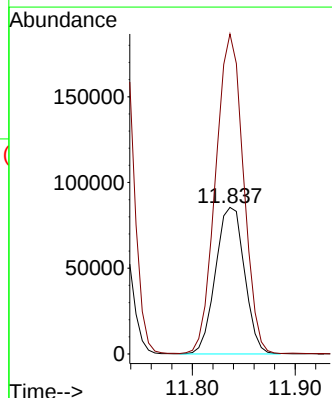
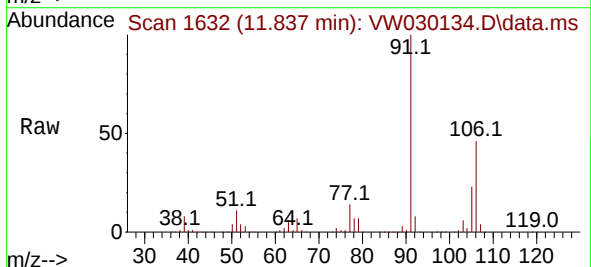
Acq: 16 Sep 2024 15:21

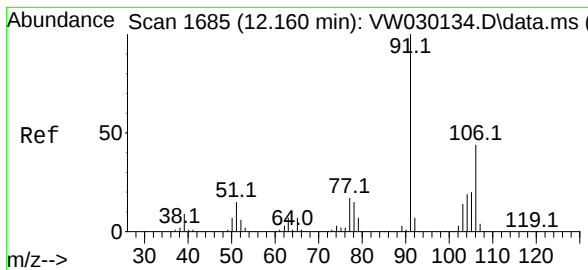
Tgt Ion:106 Resp: 167403

Ion Ratio Lower Upper

106 100

91 218.4 152.9 283.9

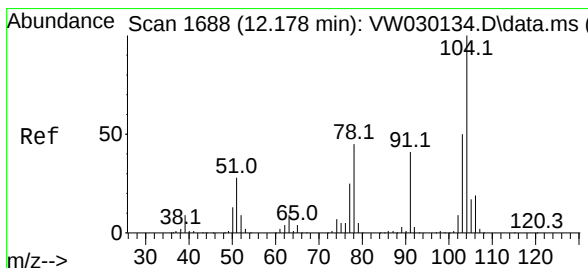
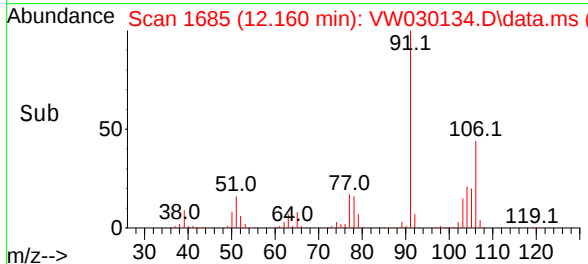
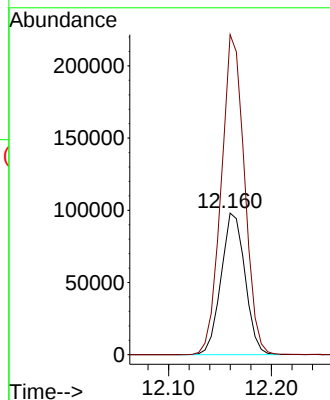
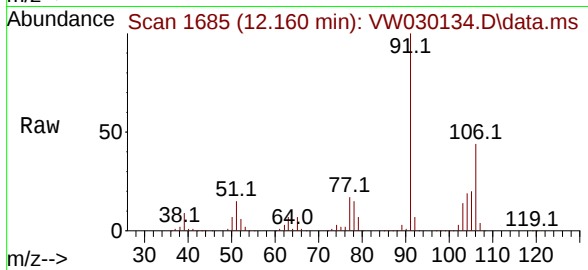




#54
o-Xylene
Concen: 27.198 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW030134.D
Acq: 16 Sep 2024 15:21

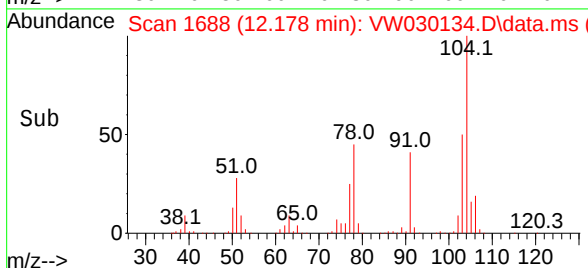
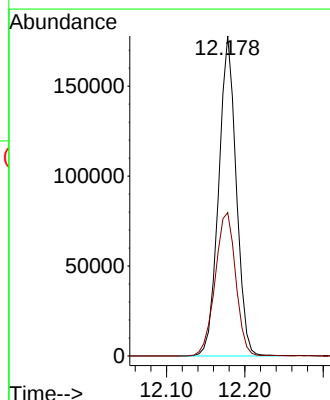
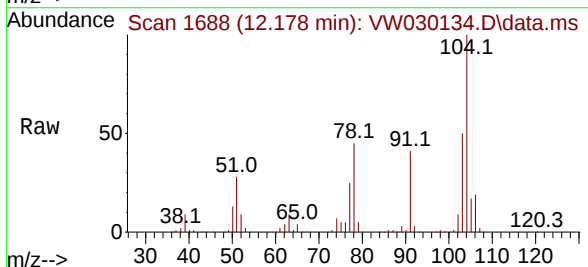
Instrument :
MSVOA_W
ClientSampleId :

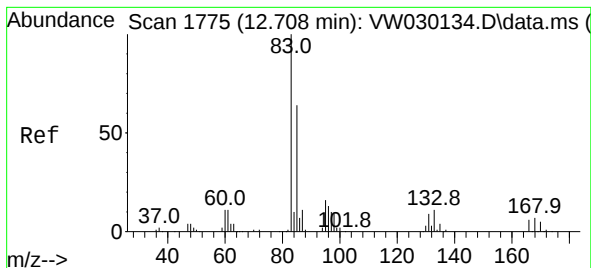
Tgt Ion:106 Resp: 158458
Ion Ratio Lower Upper
106 100
91 225.9 158.1 293.7



#55
Styrene
Concen: 27.499 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW030134.D
Acq: 16 Sep 2024 15:21

Tgt Ion:104 Resp: 277902
Ion Ratio Lower Upper
104 100
78 44.8 31.4 58.2

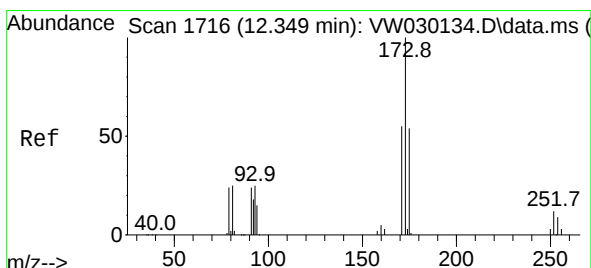
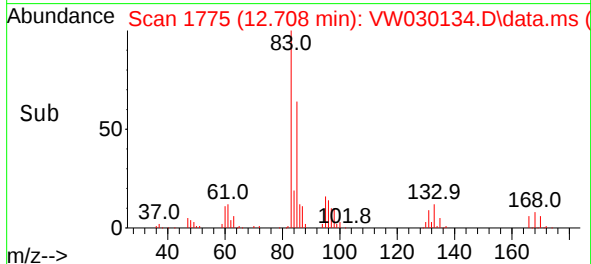
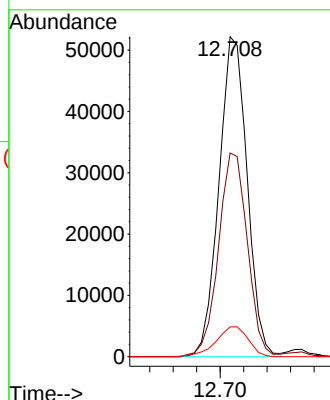
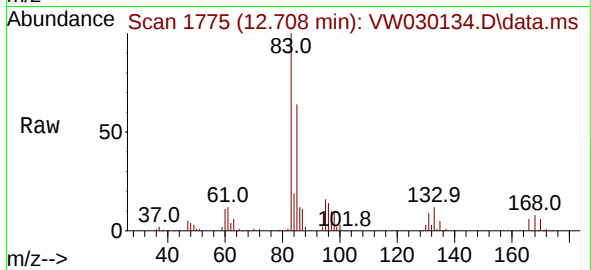




#57
1,1,2,2-Tetrachloroethane
Concen: 26.805 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VW030134.D
Acq: 16 Sep 2024 15:21

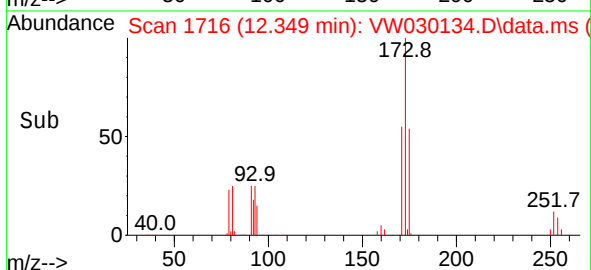
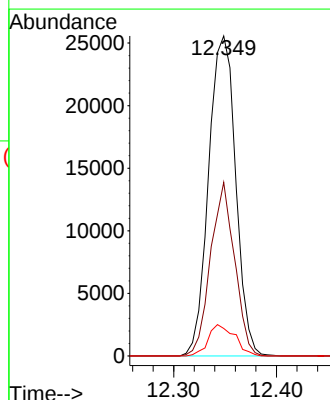
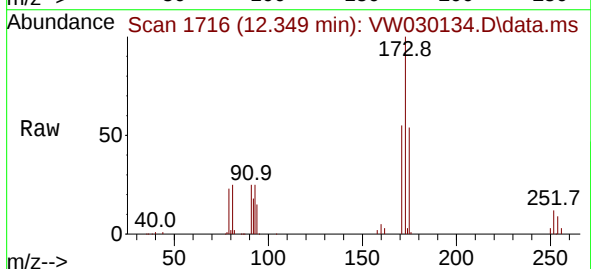
Instrument :
MSVOA_W
ClientSampleId :

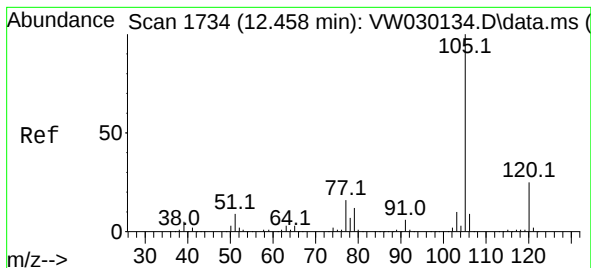
Tgt Ion: 83 Resp: 87177
Ion Ratio Lower Upper
83 100
85 63.6 44.5 82.7
131 9.3 7.4 11.2



#59
Bromoform
Concen: 25.583 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW030134.D
Acq: 16 Sep 2024 15:21

Tgt Ion:173 Resp: 46780
Ion Ratio Lower Upper
173 100
175 48.2 38.6 57.8
254 9.6 7.7 11.5





#60

Isopropylbenzene

Concen: 26.795 ug/L

RT: 12.458 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030134.D

Acq: 16 Sep 2024 15:21

Instrument :

MSVOA_W

ClientSampleId :

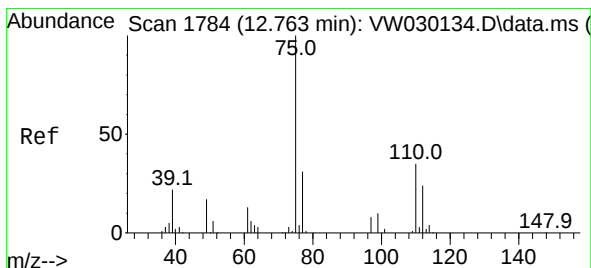
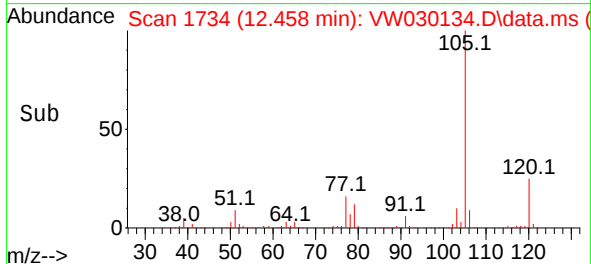
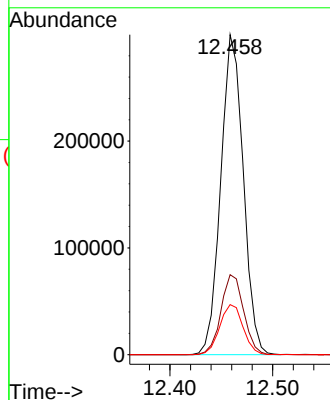
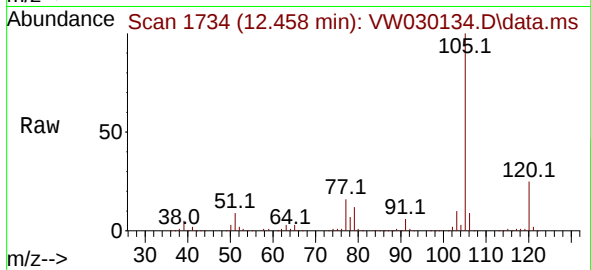
Tgt Ion:105 Resp: 455816

Ion Ratio Lower Upper

105 100

120 25.2 20.2 30.2

77 16.2 13.0 19.4



#61

1,2,3-Trichloropropane

Concen: 26.242 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW030134.D

Acq: 16 Sep 2024 15:21

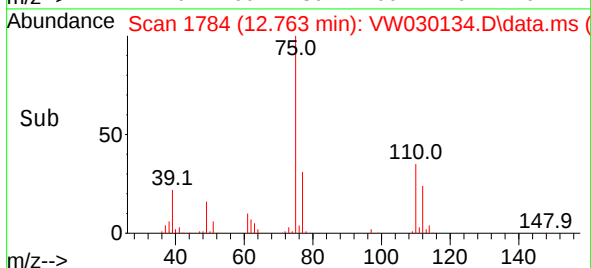
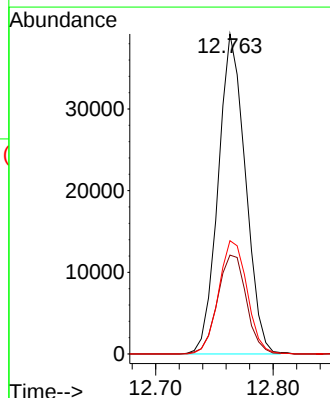
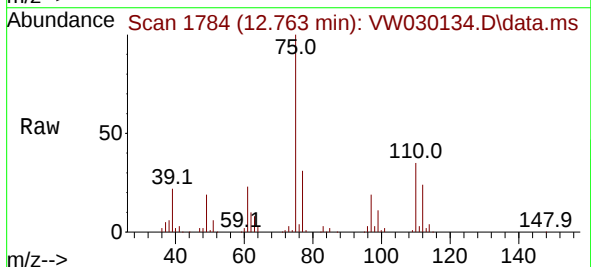
Tgt Ion: 75 Resp: 63076

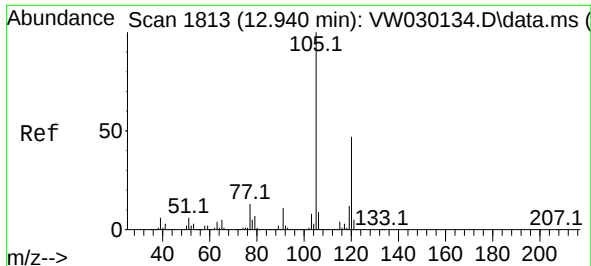
Ion Ratio Lower Upper

75 100

77 32.7 26.2 39.2

110 37.1 29.7 44.5

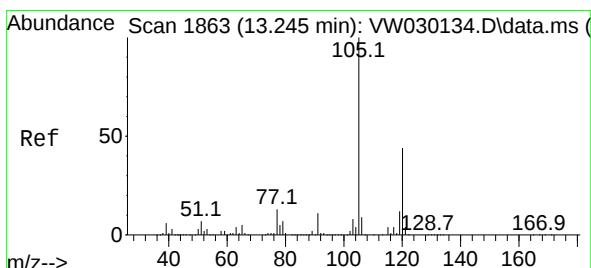
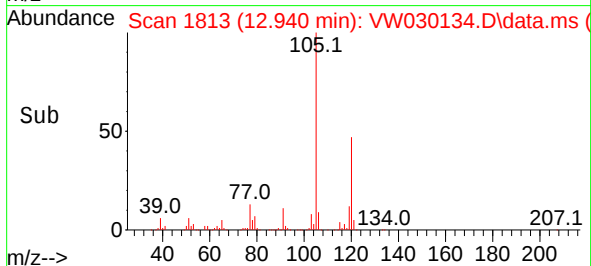
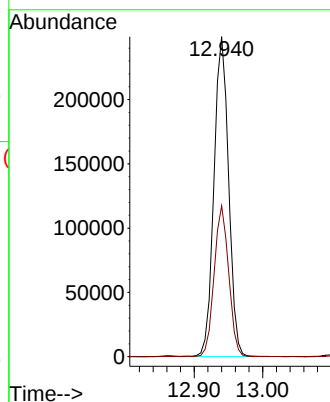
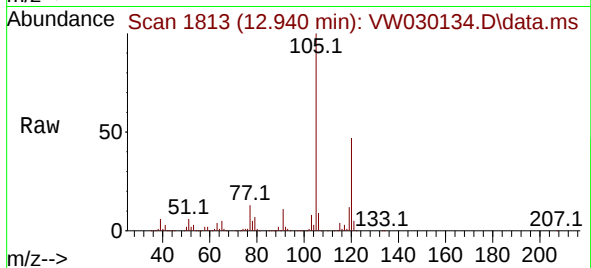




#62
1,3,5-Trimethylbenzene
Concen: 29.615 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW030134.D
Acq: 16 Sep 2024 15:21

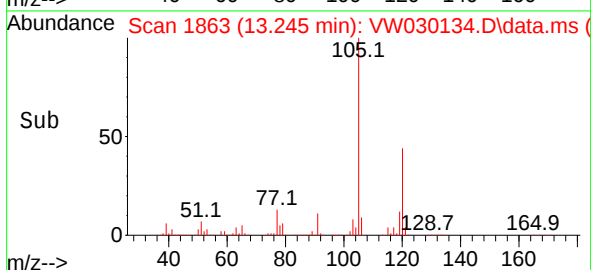
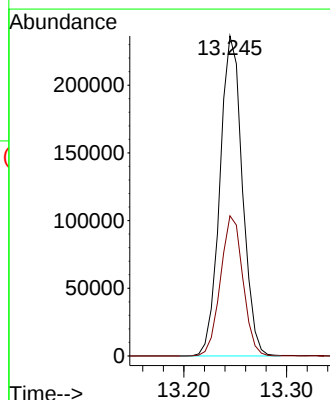
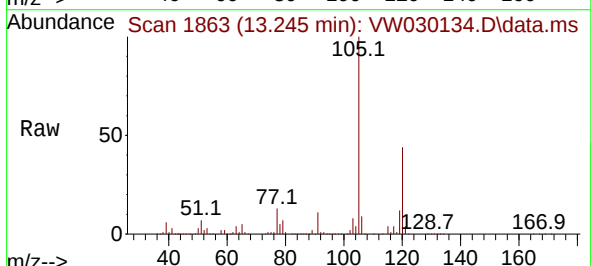
Instrument :
MSVOA_W
ClientSampleId :

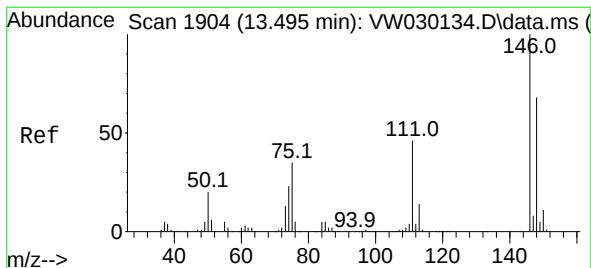
Tgt Ion:105 Resp: 369236
Ion Ratio Lower Upper
105 100
120 46.6 37.3 55.9



#63
1,2,4-Trimethylbenzene
Concen: 27.705 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW030134.D
Acq: 16 Sep 2024 15:21

Tgt Ion:105 Resp: 359103
Ion Ratio Lower Upper
105 100
120 43.5 34.8 52.2





#64

1,3-Dichlorobenzene

Concen: 25.132 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW030134.D

Acq: 16 Sep 2024 15:21

Instrument :

MSVOA_W

ClientSampleId :

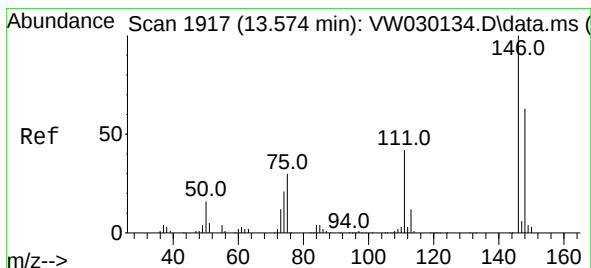
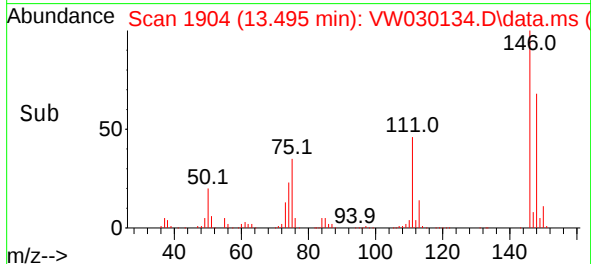
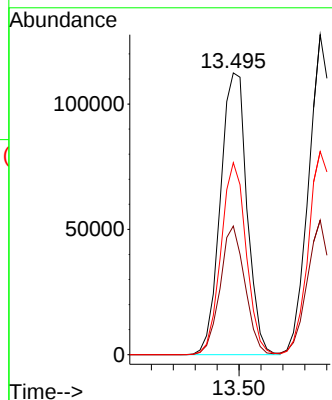
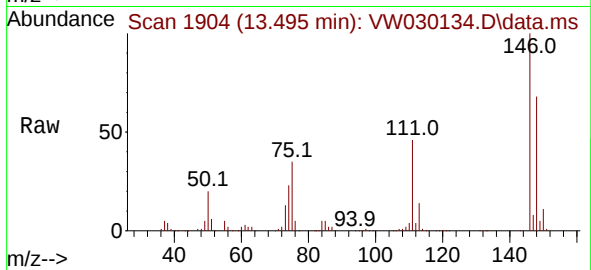
Tgt Ion:146 Resp: 189472

Ion Ratio Lower Upper

146 100

111 45.6 31.9 59.3

148 68.1 47.7 88.5



#65

1,4-Dichlorobenzene

Concen: 25.480 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW030134.D

Acq: 16 Sep 2024 15:21

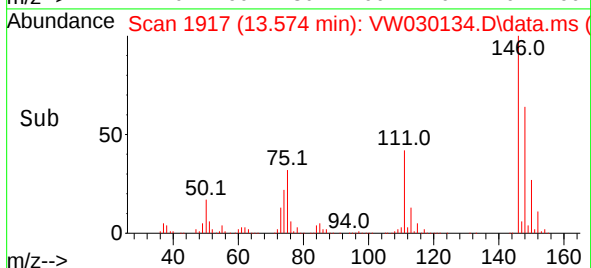
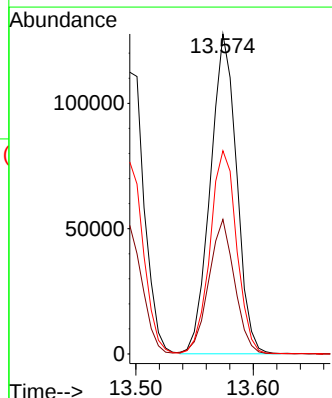
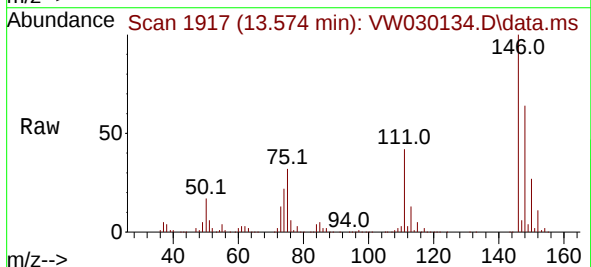
Tgt Ion:146 Resp: 198461

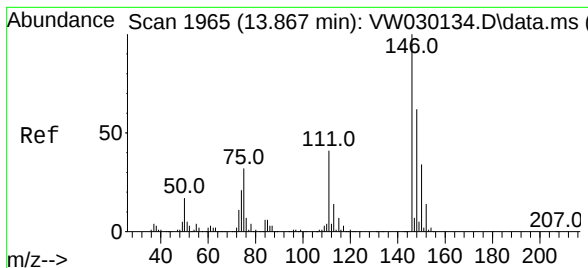
Ion Ratio Lower Upper

146 100

111 42.1 29.5 54.7

148 63.5 44.4 82.5





#67

1,2-Dichlorobenzene

Concen: 26.021 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW030134.D

Acq: 16 Sep 2024 15:21

Instrument :

MSVOA_W

ClientSampleId :

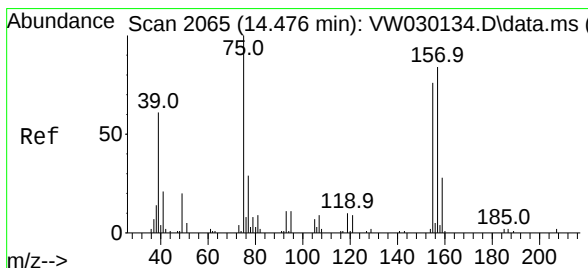
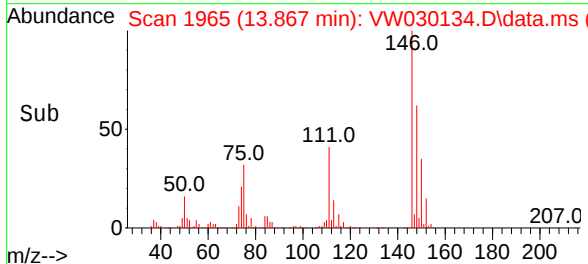
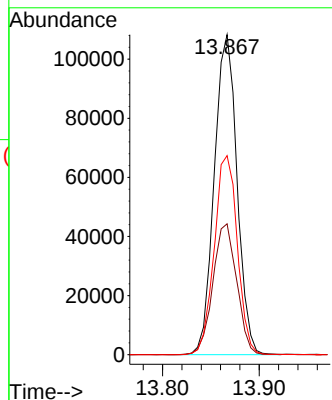
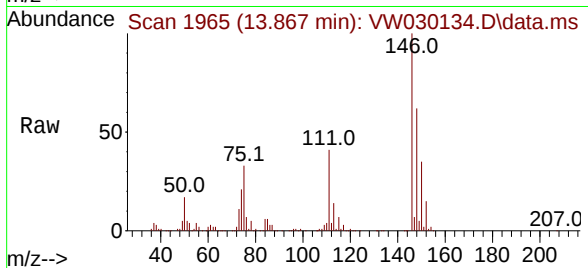
Tgt Ion:146 Resp: 176801

Ion Ratio Lower Upper

146 100

111 40.9 32.7 49.1

148 62.2 49.8 74.6



#68

1,2-Dibromo-3-chloropropane

Concen: 26.668 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW030134.D

Acq: 16 Sep 2024 15:21

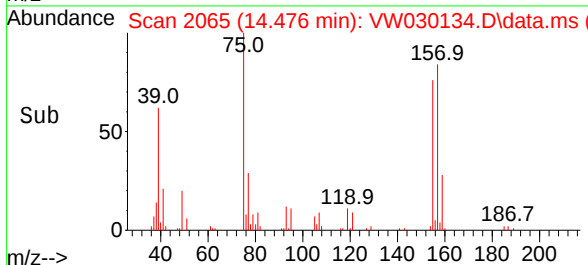
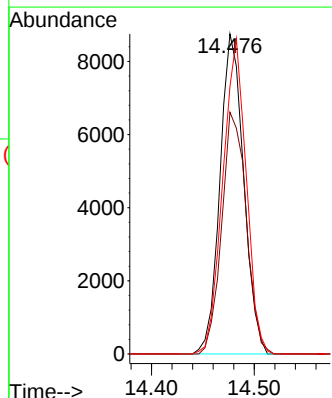
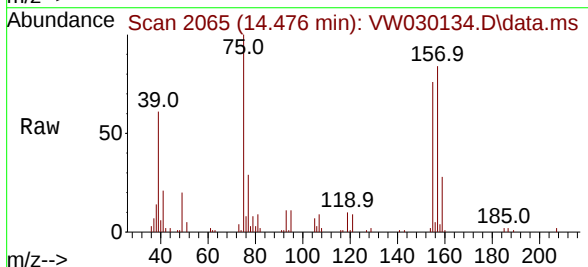
Tgt Ion: 75 Resp: 13980

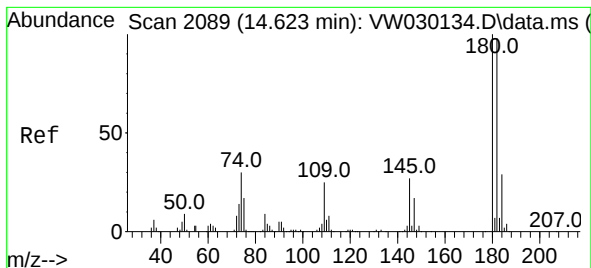
Ion Ratio Lower Upper

75 100

155 75.6 60.5 90.7

157 83.6 66.9 100.3





#69

1,3,5-Trichlorobenzene

Concen: 25.841 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

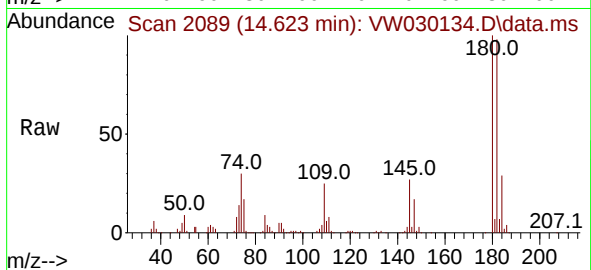
Lab File: VW030134.D

Acq: 16 Sep 2024 15:21

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 135986

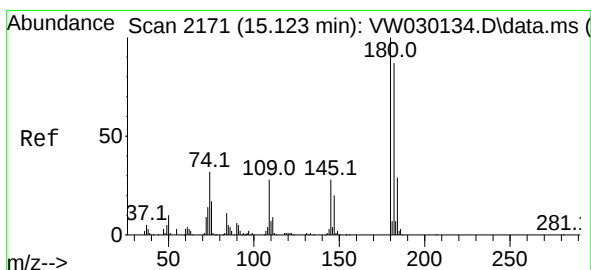
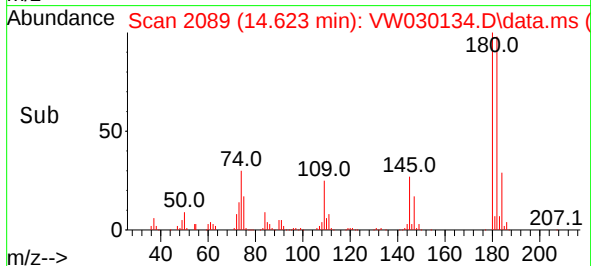
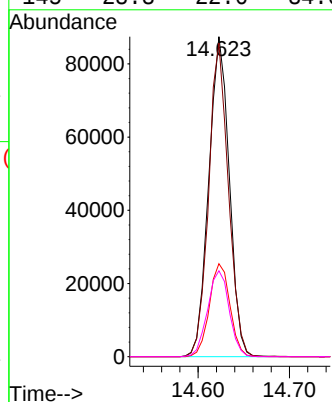
Ion Ratio Lower Upper

180 100

182 94.4 75.5 113.3

184 29.2 23.4 35.0

145 28.3 22.6 34.0



#70

1,2,4-trichlorobenzene

Concen: 26.530 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VW030134.D

Acq: 16 Sep 2024 15:21

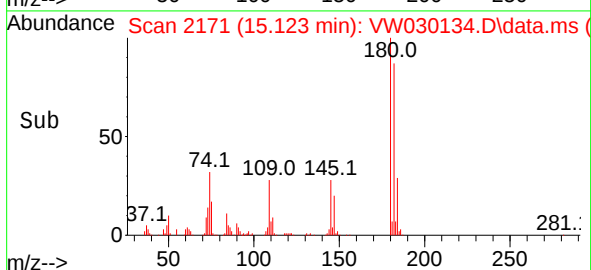
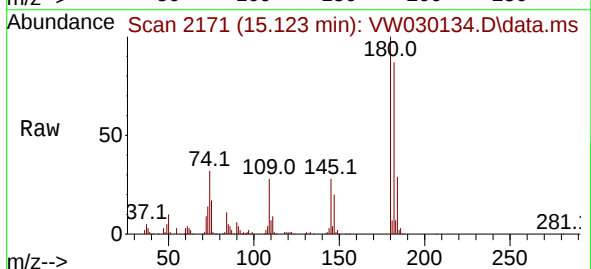
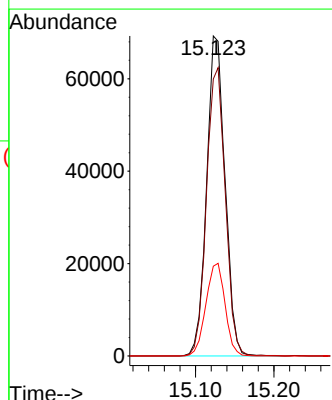
Tgt Ion:180 Resp: 113092

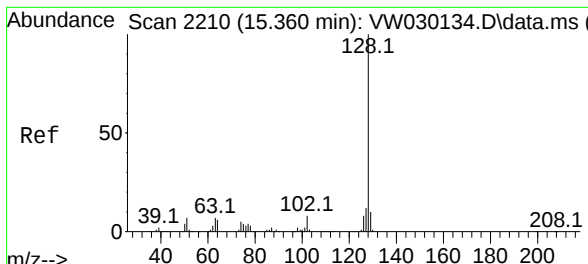
Ion Ratio Lower Upper

180 100

182 91.8 73.4 110.2

145 30.0 24.0 36.0



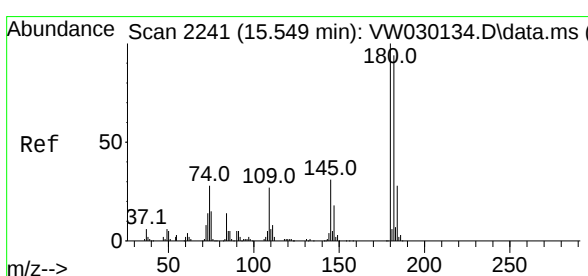
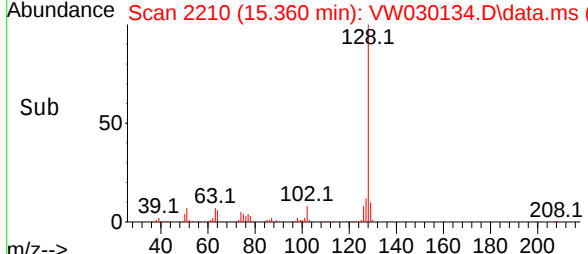
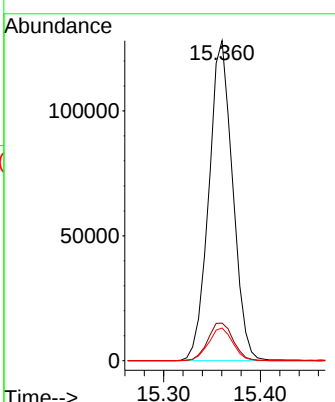
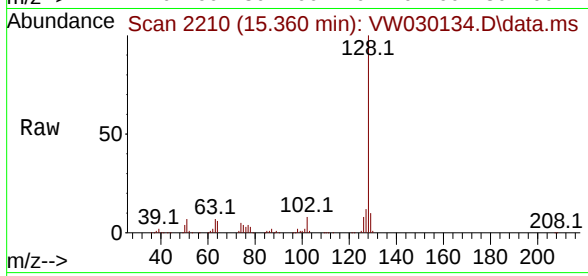


#71
 Naphthalene
 Concen: 28.296 ug/L
 RT: 15.360 min Scan# 2210
 Delta R.T. 0.000 min
 Lab File: VW030134.D
 Acq: 16 Sep 2024 15:21

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:128 Resp: 219035

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.1	15.1
129	10.5	8.4	12.6



#72
 1,2,3-Trichlorobenzene
 Concen: 26.824 ug/L
 RT: 15.549 min Scan# 2241
 Delta R.T. 0.000 min
 Lab File: VW030134.D
 Acq: 16 Sep 2024 15:21

Tgt Ion:180 Resp: 100268

Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.4	114.6
145	32.8	26.2	39.4

