

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100924\
 Data File : VW030474.D
 Acq On : 09 Oct 2024 15:00
 Operator : SY/MD
 Sample : VSTD050
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 10 01:05:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 10 01:03:35 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	374401	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	338753	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	168870	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	252423	42.892	ug/L	0.00
7) Chloroethane-d5	2.899	69	205440	46.117	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	112313	45.885	ug/L	0.00
21) 2-Butanone-d5	7.075	46	98820	93.182	ug/L	0.00
24) Chloroform-d	7.648	84	516250	48.216	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	268842	48.286	ug/L	0.00
32) Benzene-d6	8.276	84	973339	49.506	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	285920	49.547	ug/L	0.00
41) Toluene-d8	10.325	98	930560	51.846	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.581	79	129354	53.531	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	82146	110.520	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	210847	49.751	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	287905	50.387	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	227552	47.570	ug/L	98
3) Chloromethane	2.222	50	272819	49.072	ug/L	99
5) Vinyl chloride	2.375	62	323655	47.338	ug/L	100
6) Bromomethane	2.796	94	218177	48.482	ug/L	97
8) Chloroethane	2.936	64	201470	48.204	ug/L	99
9) Trichlorofluoromethane	3.271	101	307160	50.209	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	262403	51.007	ug/L #	68
12) 1,1-Dichloroethene	4.045	96	252544	50.276	ug/L	95
13) Acetone	4.118	43	162481	106.614	ug/L	97
14) Carbon disulfide	4.393	76	815349	49.706	ug/L	100
15) Methyl Acetate	4.667	43	93667	48.242	ug/L	100
16) Methylene chloride	4.923	84	255627	45.163	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	279561	51.577	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	394879	52.054	ug/L	99
19) 1,1-Dichloroethane	6.222	63	502892	49.920	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	299476	51.800	ug/L	97
22) 2-Butanone	7.167	43	173609	109.711	ug/L	98
23) Bromochloromethane	7.514	128	126487	50.011	ug/L	95
25) Chloroform	7.679	83	526722	48.927	ug/L	95
27) 1,2-Dichloroethane	8.398	62	349057	49.148	ug/L	98
29) Cyclohexane	7.959	56	452216	54.840	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	444116	49.387	ug/L	99
31) Carbon tetrachloride	8.069	117	405905	50.538	ug/L	96
33) Benzene	8.325	78	1119779	50.796	ug/L	100
34) Trichloroethene	9.093	95	306891	50.040	ug/L	99
35) Methylcyclohexane	9.337	83	514142	53.269	ug/L	99
37) 1,2-Dichloropropane	9.368	63	276144	50.084	ug/L	100
38) Bromodichloromethane	9.642	83	376942	51.458	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	451867	54.411	ug/L	95
40) 4-Methyl-2-pentanone	10.209	43	284610	107.603	ug/L	100
42) Toluene	10.386	91	1232415	52.403	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	380947	54.588	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100924\
 Data File : VW030474.D
 Acq On : 09 Oct 2024 15:00
 Operator : SY/MD
 Sample : VSTD050
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 10 01:05:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 10 01:03:35 2024
 Response via : Initial Calibration

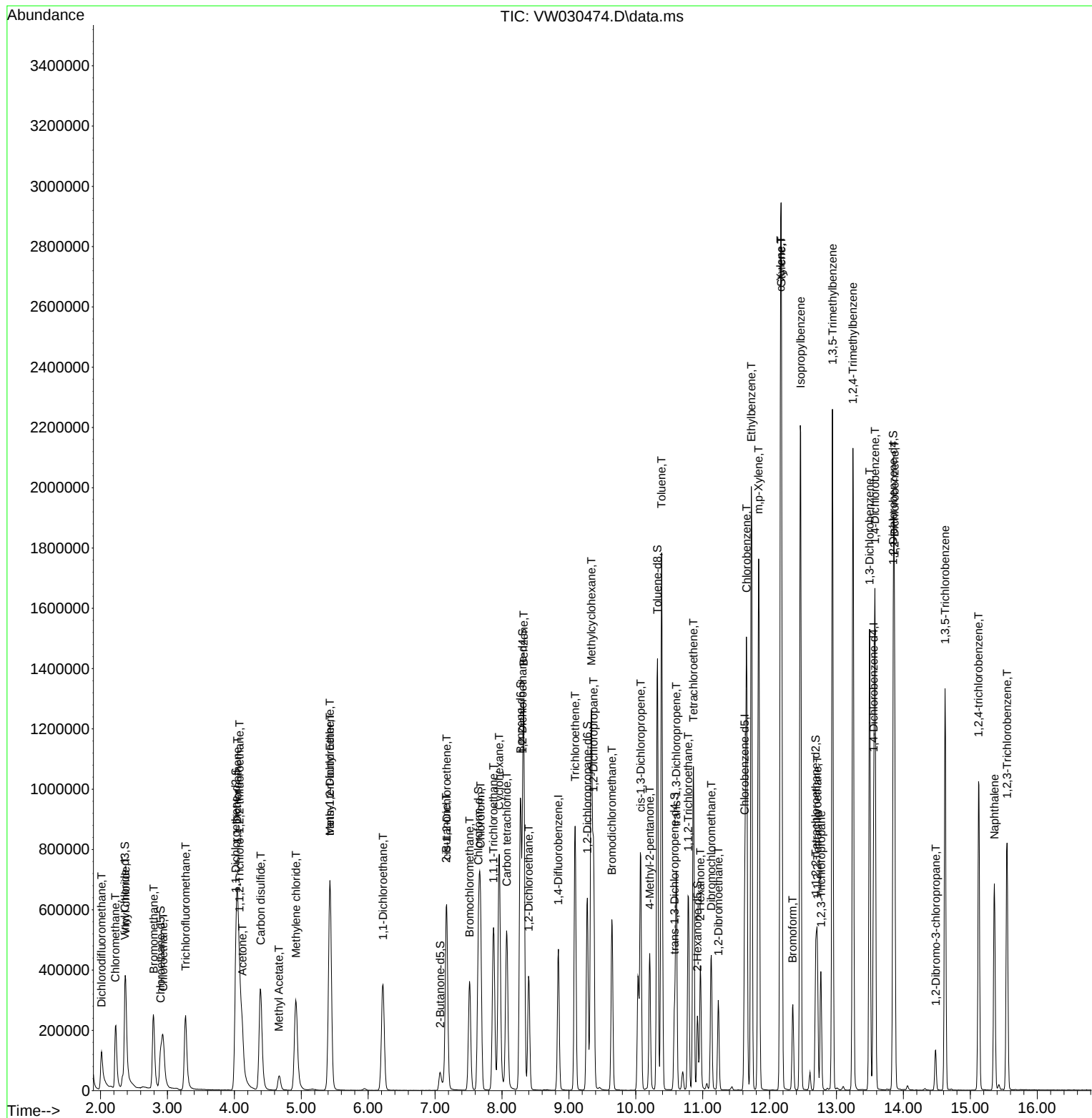
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	198783	49.956	ug/L	97
46) Tetrachloroethene	10.861	164	230918	51.050	ug/L	99
48) 2-Hexanone	10.965	43	250595	115.854	ug/L	100
49) Dibromochloromethane	11.129	129	230962	52.020	ug/L	96
50) 1,2-Dibromoethane	11.233	107	188825	50.856	ug/L	97
51) Chlorobenzene	11.654	112	740948	48.942	ug/L	95
52) Ethylbenzene	11.727	91	1404868	52.351	ug/L	100
53) m,p-Xylene	11.837	106	540446	53.755	ug/L	97
54) o-Xylene	12.166	106	506536	54.497	ug/L	92
55) Styrene	12.178	104	876574	55.166	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	223204	49.742	ug/L	97
59) Bromoform	12.343	173	115657	48.747	ug/L	94
60) Isopropylbenzene	12.465	105	1423517	54.433	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	162322	49.397	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	1150937	55.785	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	1130615	55.969	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	573351	50.368	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	580265	49.369	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	505847	50.500	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.482	75	35074	47.856	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	370479	49.355	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	302270	50.020	ug/L	97
71) Naphthalene	15.360	128	566179	54.230	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	264151	50.423	ug/L	98

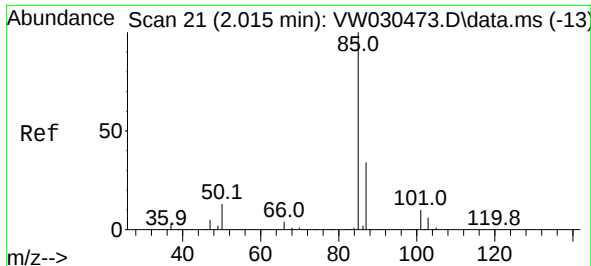
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100924\
Data File : VW030474.D
Acq On : 09 Oct 2024 15:00
Operator : SY/MD
Sample : VSTD050
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Oct 10 01:05:34 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Oct 10 01:03:35 2024
Response via : Initial Calibration

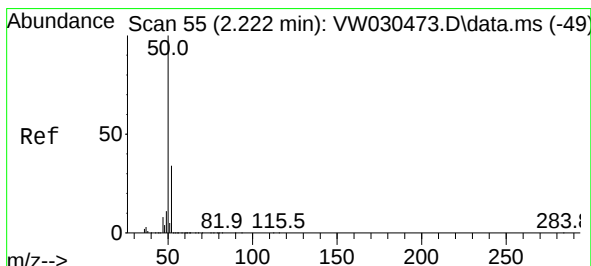
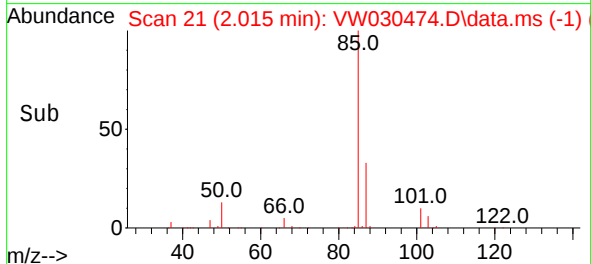
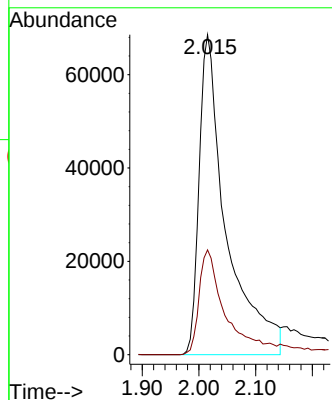
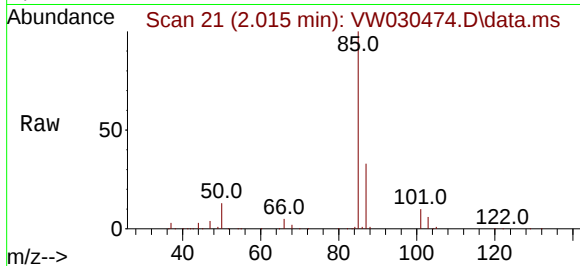




#2
Dichlorodifluoromethane
Concen: 47.570 ug/L
RT: 2.015 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW030474.D
Acq: 09 Oct 2024 15:00

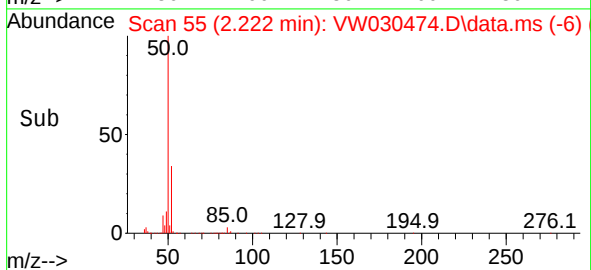
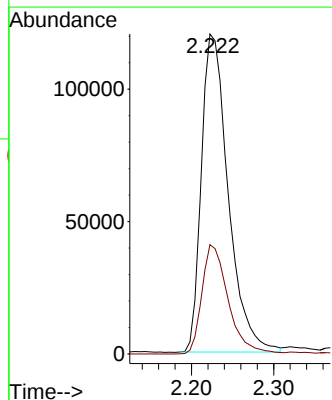
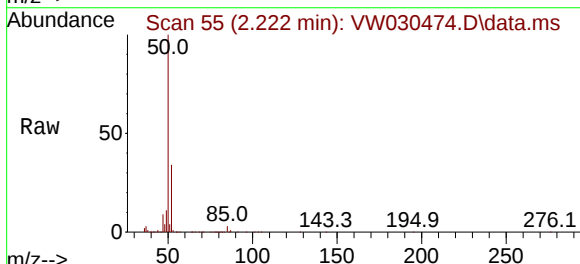
Instrument :
MSVOA_W
ClientSampleId :

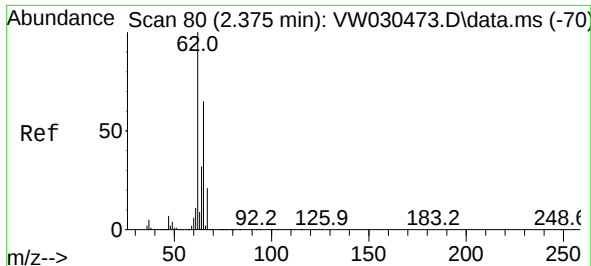
Tgt Ion: 85 Resp: 227552
Ion Ratio Lower Upper
85 100
87 30.7 23.8 35.6



#3
Chloromethane
Concen: 49.072 ug/L
RT: 2.222 min Scan# 55
Delta R.T. 0.000 min
Lab File: VW030474.D
Acq: 09 Oct 2024 15:00

Tgt Ion: 50 Resp: 272819
Ion Ratio Lower Upper
50 100
52 34.1 23.7 43.9

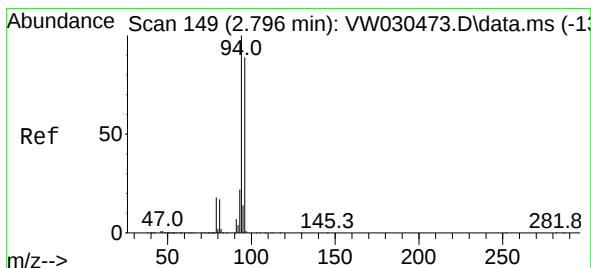
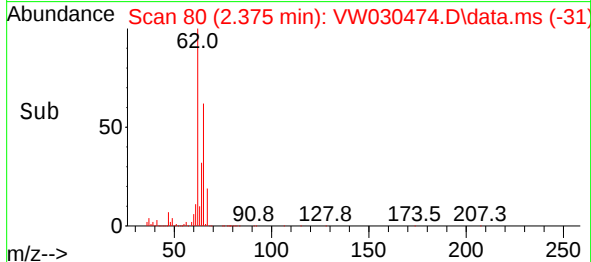
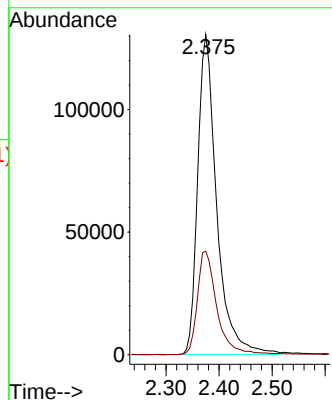
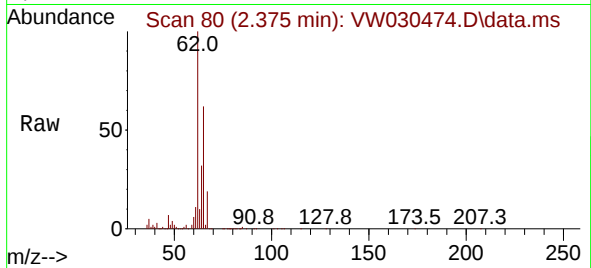




#5
 Vinyl chloride
 Concen: 47.338 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW030474.D
 Acq: 09 Oct 2024 15:00

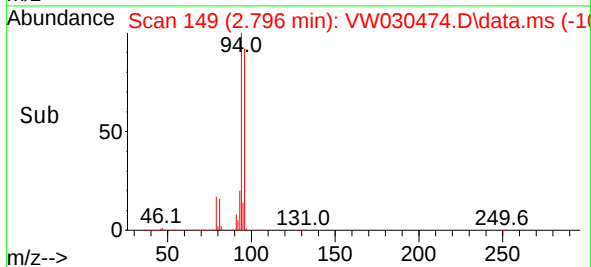
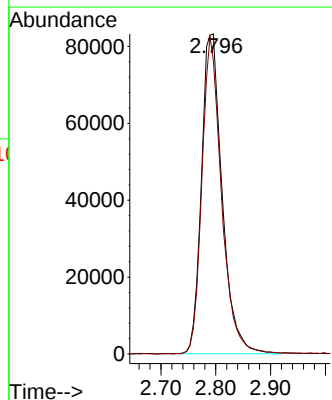
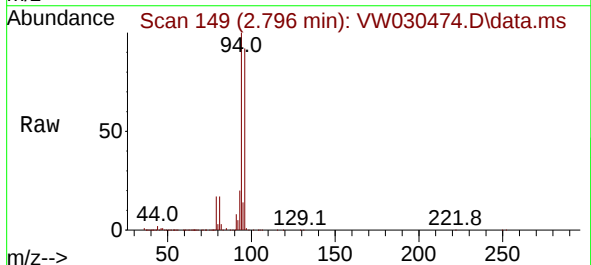
Instrument :
 MSVOA_W
 ClientSampleId :

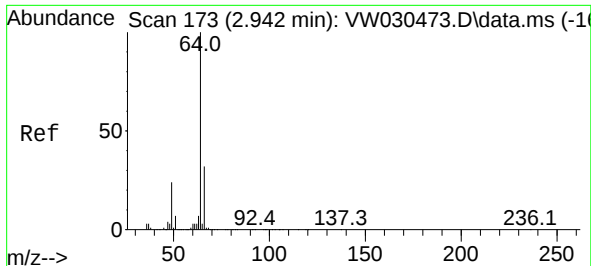
Tgt Ion: 62 Resp: 323655
 Ion Ratio Lower Upper
 62 100
 64 32.3 22.6 42.0



#6
 Bromomethane
 Concen: 48.482 ug/L
 RT: 2.796 min Scan# 149
 Delta R.T. 0.000 min
 Lab File: VW030474.D
 Acq: 09 Oct 2024 15:00

Tgt Ion: 94 Resp: 218177
 Ion Ratio Lower Upper
 94 100
 96 91.9 62.6 116.2

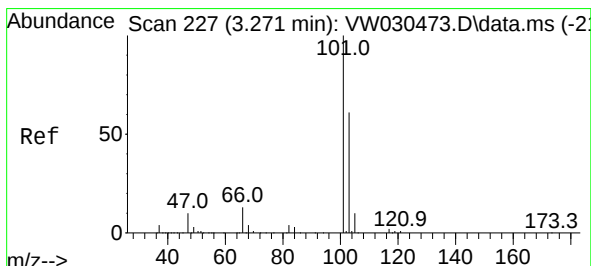
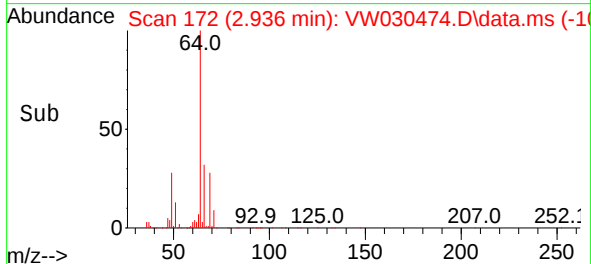
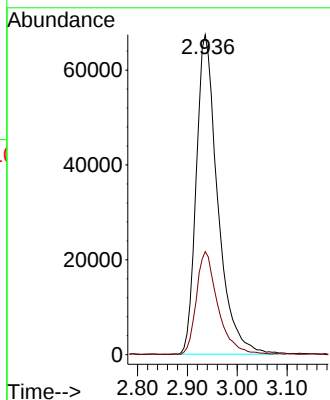
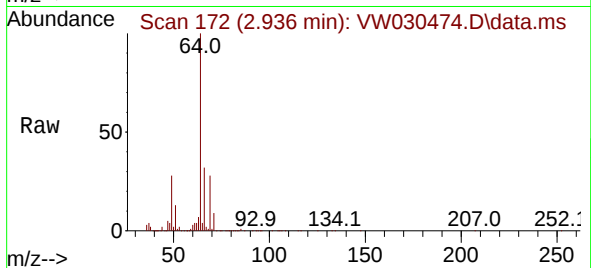




#8
Chloroethane
Concen: 48.204 ug/L
RT: 2.936 min Scan# 173
Delta R.T. -0.006 min
Lab File: VW030474.D
Acq: 09 Oct 2024 15:00

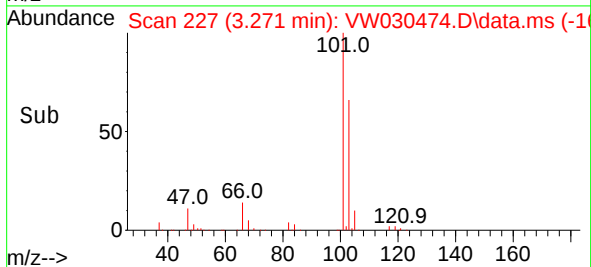
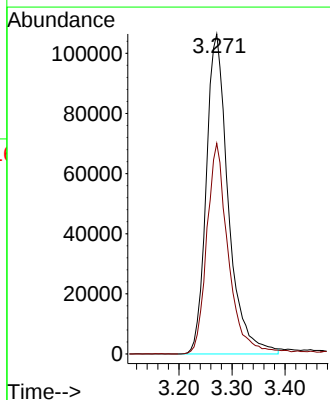
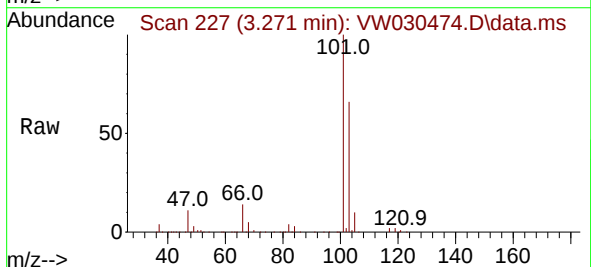
Instrument :
MSVOA_W
ClientSampleId :

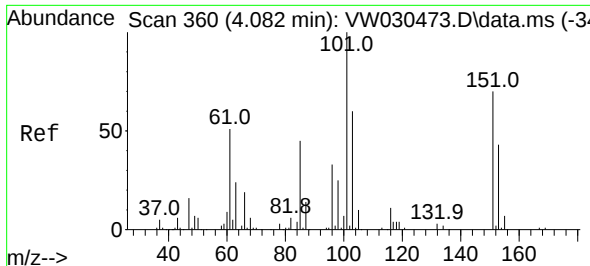
Tgt Ion: 64 Resp: 201470
Ion Ratio Lower Upper
64 100
66 32.2 22.3 41.5



#9
Trichlorofluoromethane
Concen: 50.209 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.000 min
Lab File: VW030474.D
Acq: 09 Oct 2024 15:00

Tgt Ion:101 Resp: 307160
Ion Ratio Lower Upper
101 100
103 64.1 51.1 76.7





#10

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

Concen: 51.007 ug/L

RT: 4.076 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW030474.D

Acq: 09 Oct 2024 15:00

Instrument :

MSVOA_W

ClientSampleId :

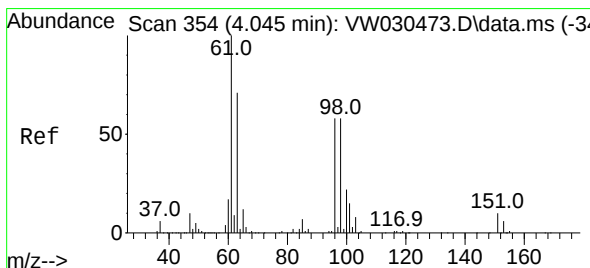
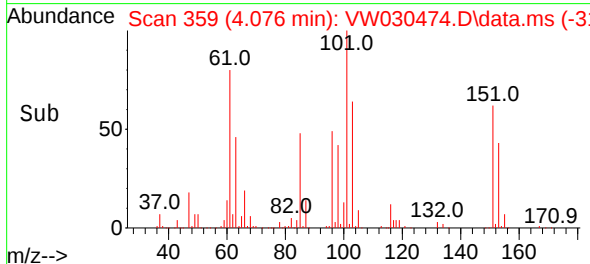
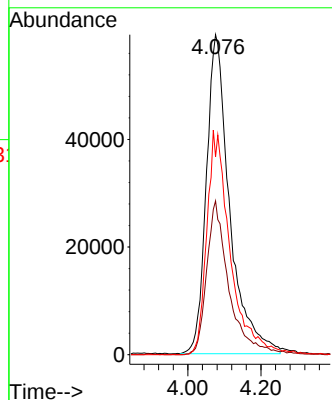
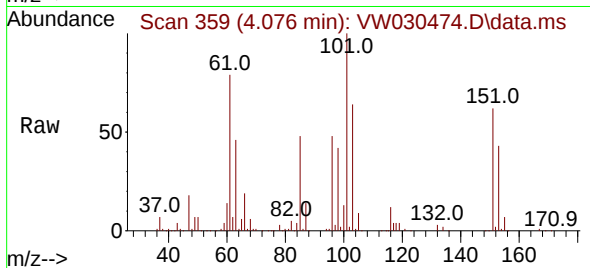
Tgt Ion:101 Resp: 262403

Ion Ratio Lower Upper

101 100

85 45.3 35.7 53.5

151 28.3 56.1 84.1#



#12

1,1-Dichloroethene

Concen: 50.276 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.000 min

Lab File: VW030474.D

Acq: 09 Oct 2024 15:00

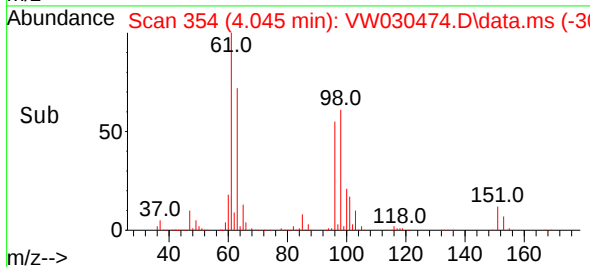
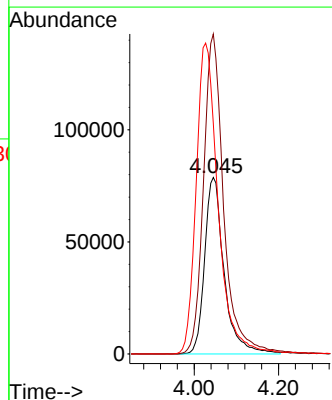
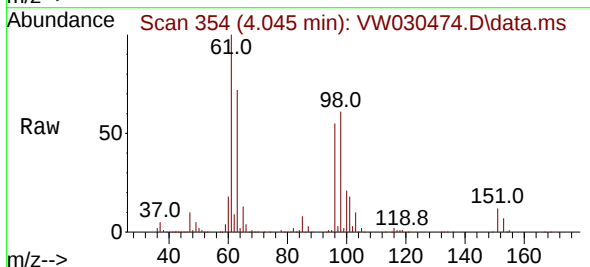
Tgt Ion: 96 Resp: 252544

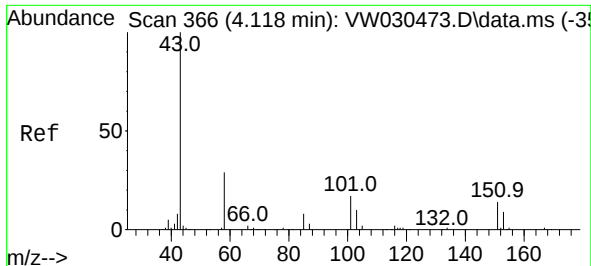
Ion Ratio Lower Upper

96 100

61 181.3 121.3 225.3

63 130.6 87.6 162.8

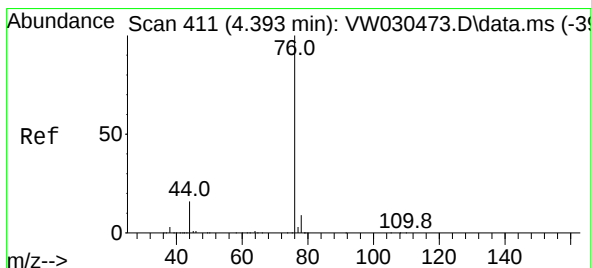
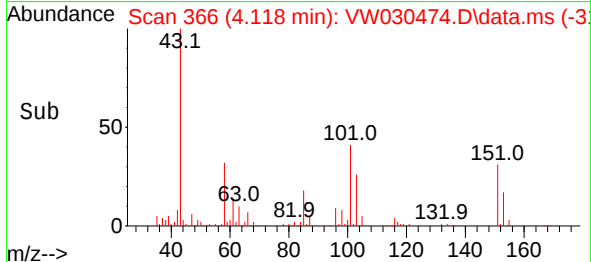
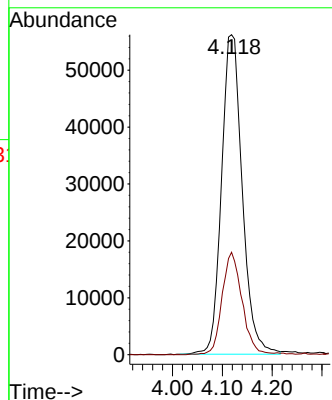
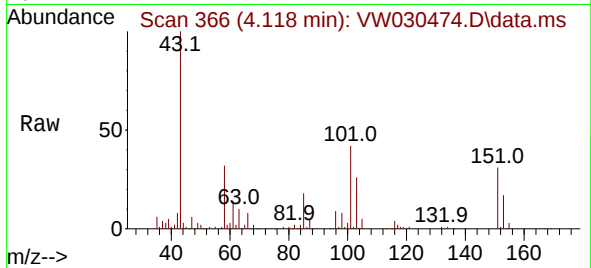




#13
Acetone
Concen: 106.614 ug/L
RT: 4.118 min Scan# 366
Delta R.T. 0.000 min
Lab File: VW030474.D
Acq: 09 Oct 2024 15:00

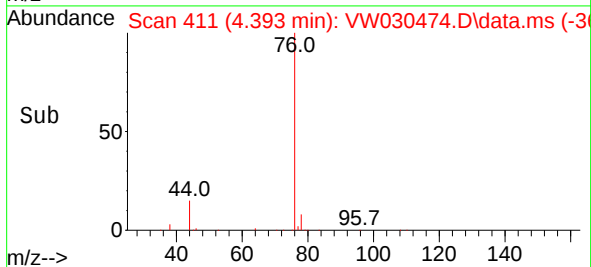
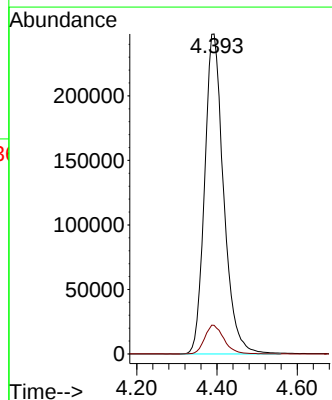
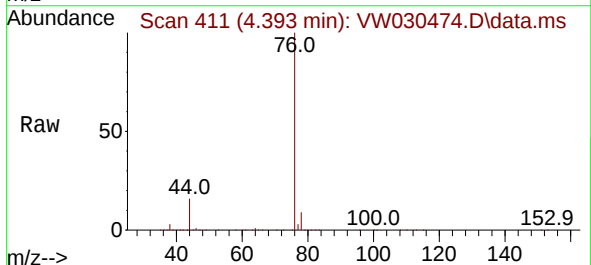
Instrument :
MSVOA_W
ClientSampleId :

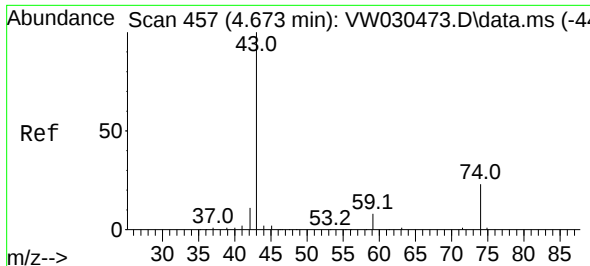
Tgt Ion: 43 Resp: 162481
Ion Ratio Lower Upper
43 100
58 30.6 0.0 57.6



#14
Carbon disulfide
Concen: 49.706 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
Lab File: VW030474.D
Acq: 09 Oct 2024 15:00

Tgt Ion: 76 Resp: 815349
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7

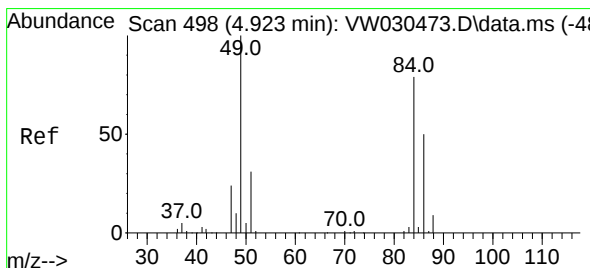
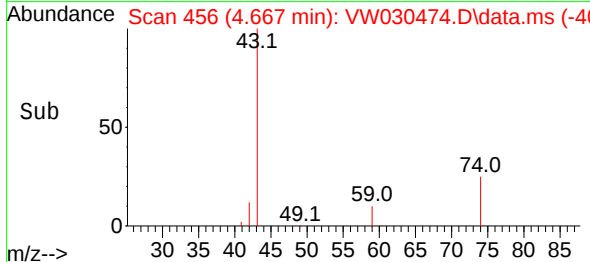
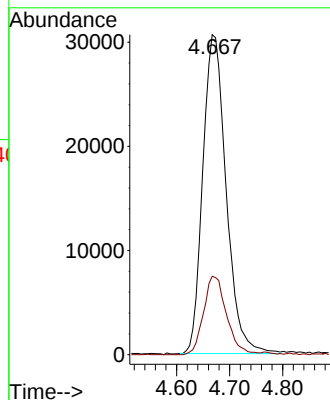
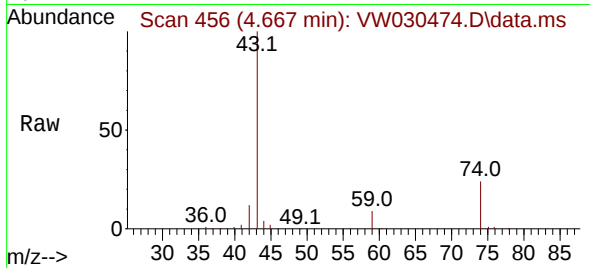




#15
Methyl Acetate
Concen: 48.242 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW030474.D
Acq: 09 Oct 2024 15:00

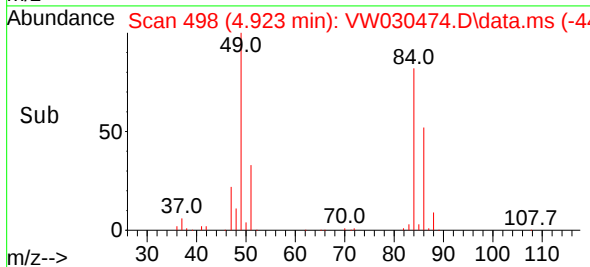
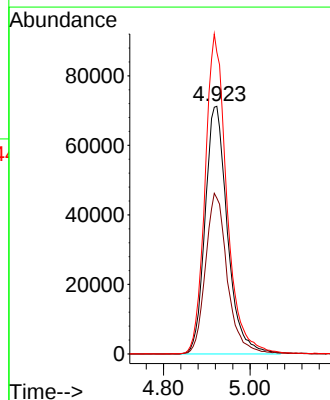
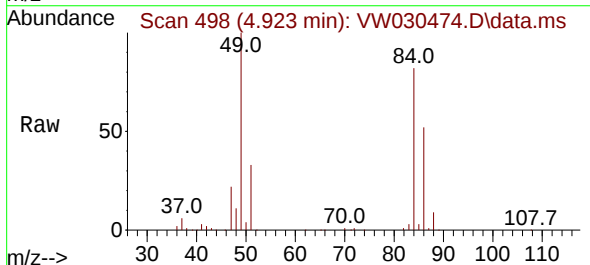
Instrument :
MSVOA_W
ClientSampleId :

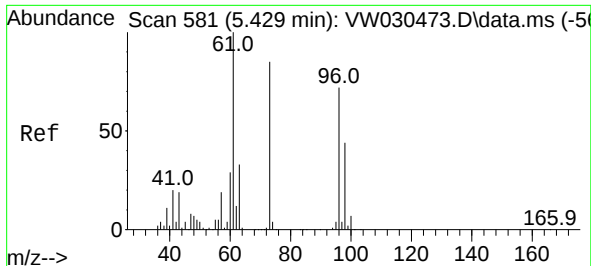
Tgt Ion: 43 Resp: 93667
Ion Ratio Lower Upper
43 100
74 24.2 19.3 28.9



#16
Methylene chloride
Concen: 45.163 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.000 min
Lab File: VW030474.D
Acq: 09 Oct 2024 15:00

Tgt Ion: 84 Resp: 255627
Ion Ratio Lower Upper
84 100
86 62.9 43.8 81.3
49 121.9 88.3 164.1





#17

trans-1,2-Dichloroethene

Concen: 51.577 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW030474.D

Acq: 09 Oct 2024 15:00

Instrument :

MSVOA_W

ClientSampleId :

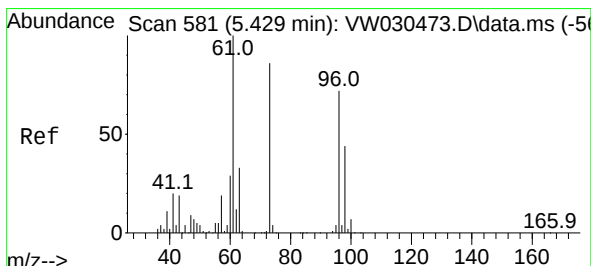
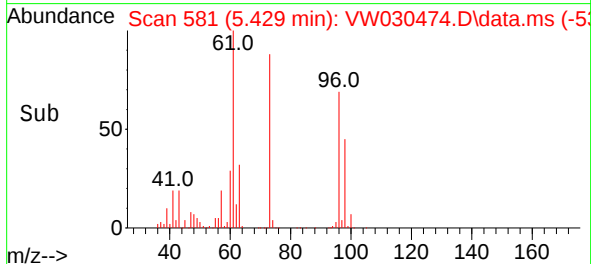
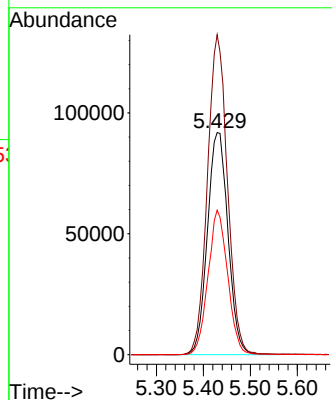
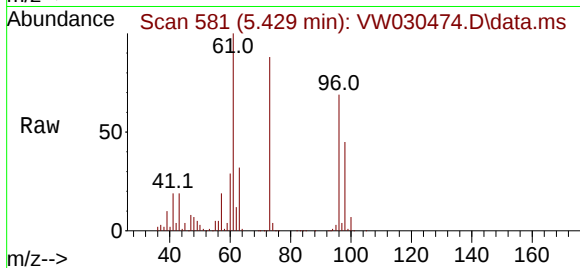
Tgt Ion: 96 Resp: 279561

Ion Ratio Lower Upper

96 100

61 144.1 96.9 179.9

98 65.1 42.2 78.4



#18

Methyl tert-butyl Ether

Concen: 52.054 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW030474.D

Acq: 09 Oct 2024 15:00

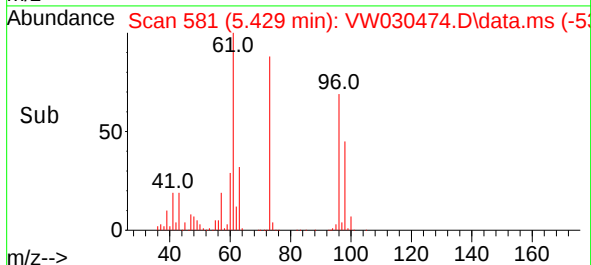
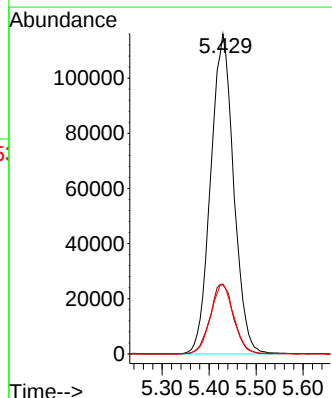
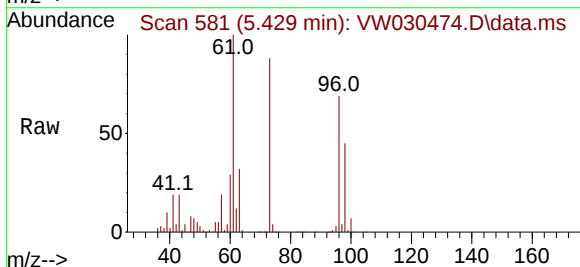
Tgt Ion: 73 Resp: 394879

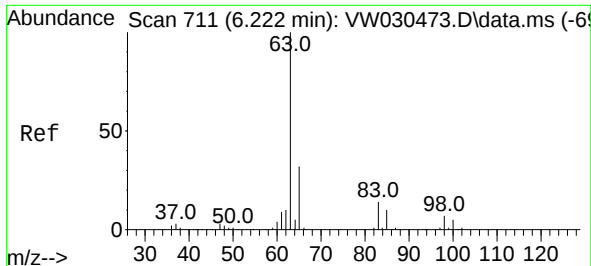
Ion Ratio Lower Upper

73 100

43 22.3 18.1 27.1

57 21.8 17.7 26.5

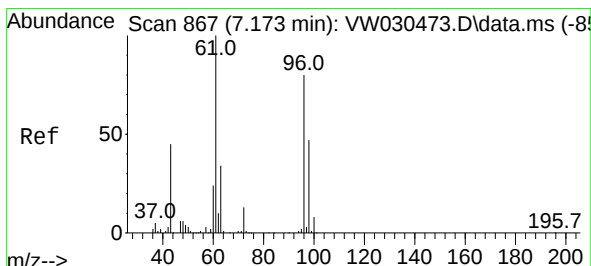
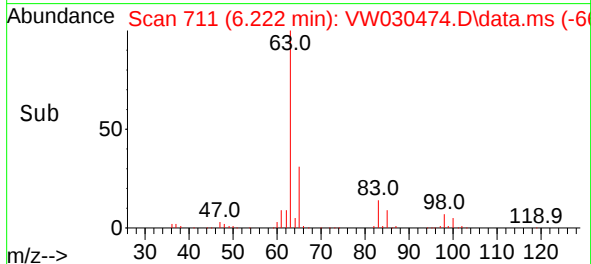
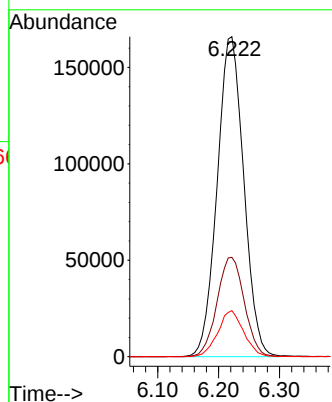
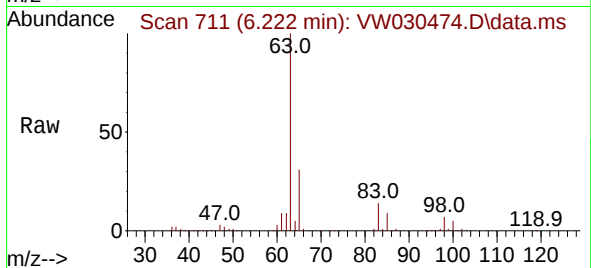




#19
1,1-Dichloroethane
Concen: 49.920 ug/L
RT: 6.222 min Scan# 711
Delta R.T. -0.000 min
Lab File: VW030474.D
Acq: 09 Oct 2024 15:00

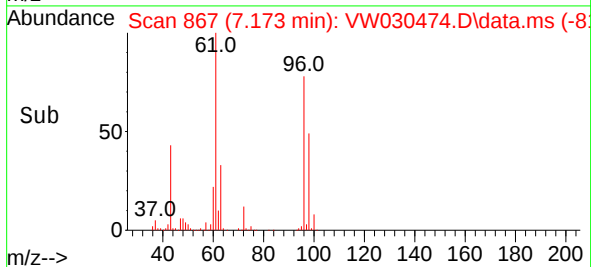
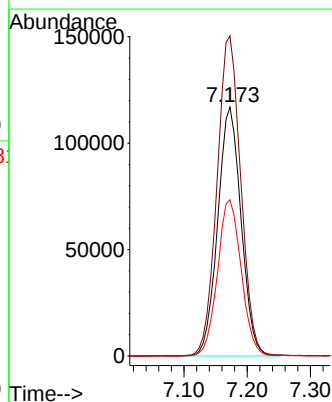
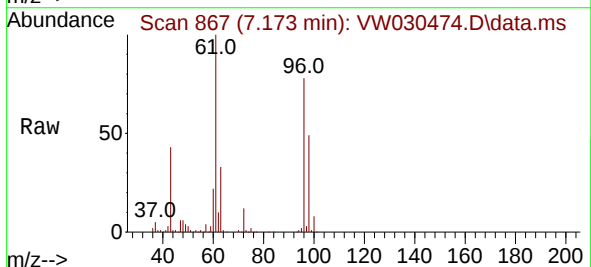
Instrument :
MSVOA_W
ClientSampleId :

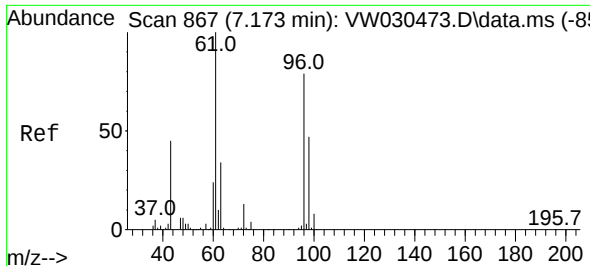
Tgt Ion: 63 Resp: 502892
Ion Ratio Lower Upper
63 100
65 31.0 22.5 41.9
83 14.4 9.8 18.2



#20
cis-1,2-Dichloroethene
Concen: 51.800 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW030474.D
Acq: 09 Oct 2024 15:00

Tgt Ion: 96 Resp: 299476
Ion Ratio Lower Upper
96 100
61 128.6 88.3 163.9
98 62.8 41.3 76.7





#22

2-Butanone

Concen: 109.711 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW030474.D

Acq: 09 Oct 2024 15:00

Instrument :

MSVOA_W

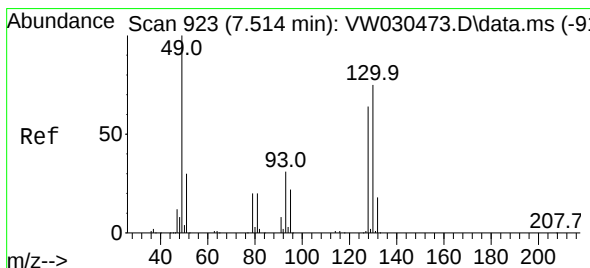
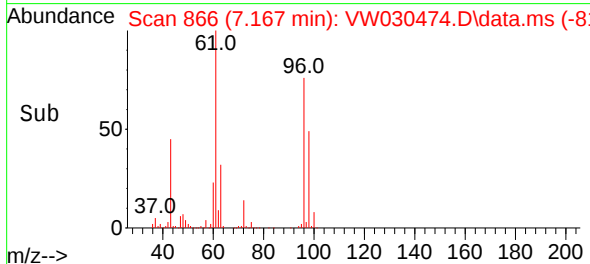
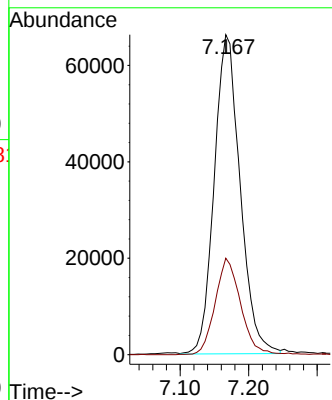
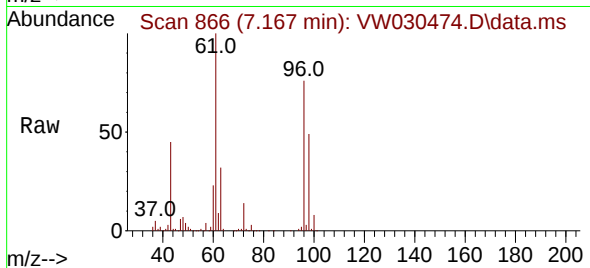
ClientSampleId :

Tgt Ion: 43 Resp: 173609

Ion Ratio Lower Upper

43 100

72 29.7 14.4 43.0



#23

Bromochloromethane

Concen: 50.011 ug/L

RT: 7.514 min Scan# 923

Delta R.T. 0.000 min

Lab File: VW030474.D

Acq: 09 Oct 2024 15:00

Tgt Ion:128 Resp: 126487

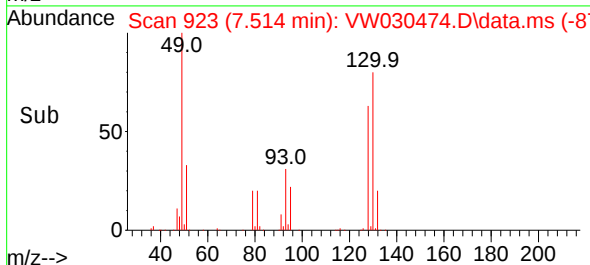
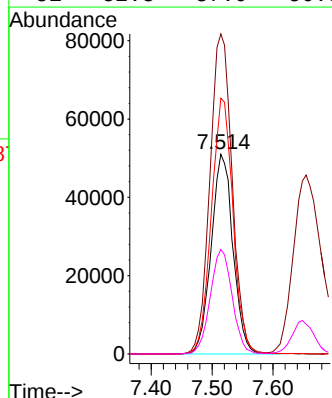
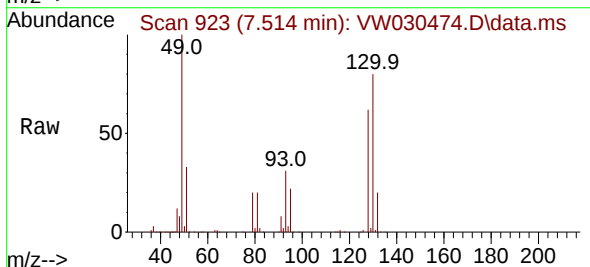
Ion Ratio Lower Upper

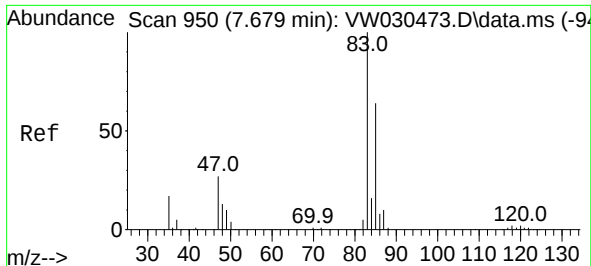
128 100

49 160.2 110.1 204.5

130 128.0 82.9 153.9

51 52.3 37.9 56.9





#25

Chloroform

Concen: 48.927 ug/L

RT: 7.679 min Scan# 950

Delta R.T. 0.000 min

Lab File: VW030474.D

Acq: 09 Oct 2024 15:00

Instrument :

MSVOA_W

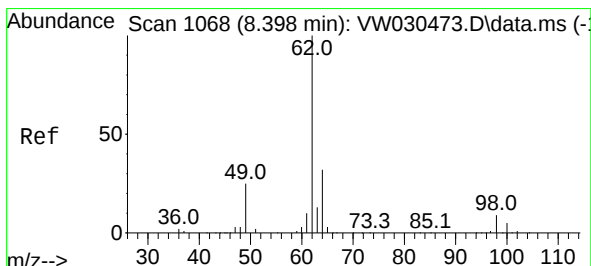
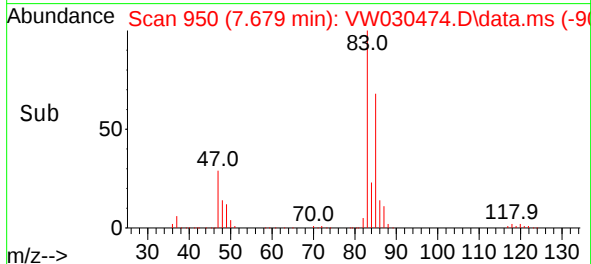
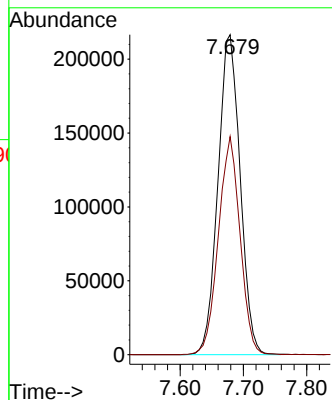
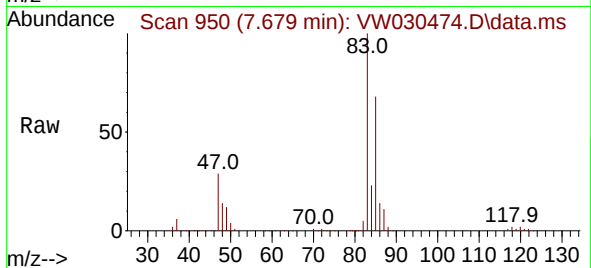
ClientSampleId :

Tgt Ion: 83 Resp: 526722

Ion Ratio Lower Upper

83 100

85 68.2 45.1 83.7



#27

1,2-Dichloroethane

Concen: 49.148 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW030474.D

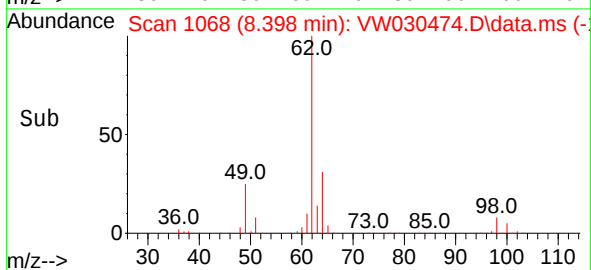
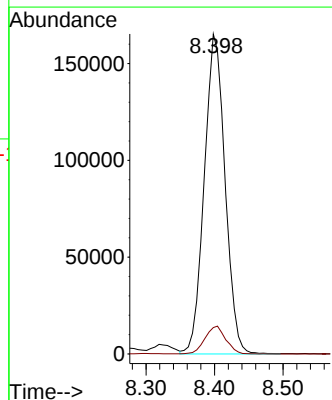
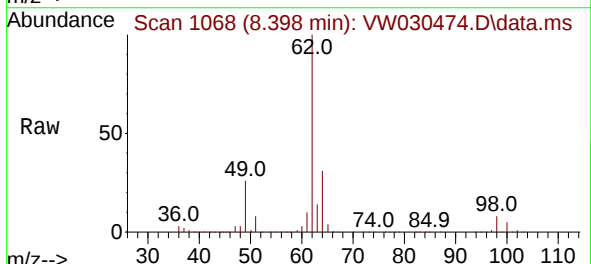
Acq: 09 Oct 2024 15:00

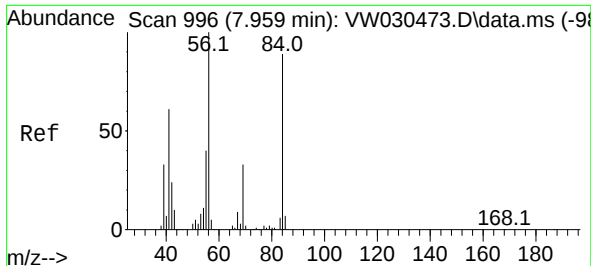
Tgt Ion: 62 Resp: 349057

Ion Ratio Lower Upper

62 100

98 8.2 7.0 10.6





#29

Cyclohexane

Concen: 54.840 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

Lab File: VW030474.D

Acq: 09 Oct 2024 15:00

Instrument :

MSVOA_W

ClientSampleId :

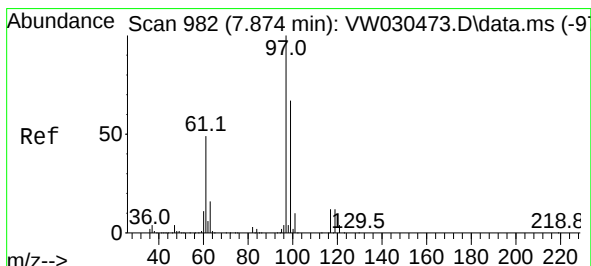
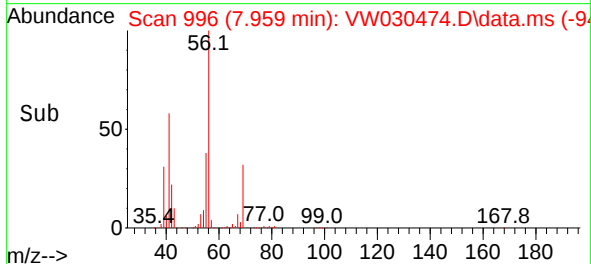
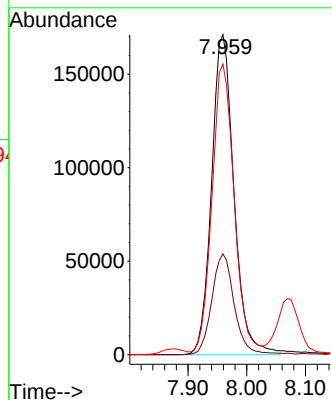
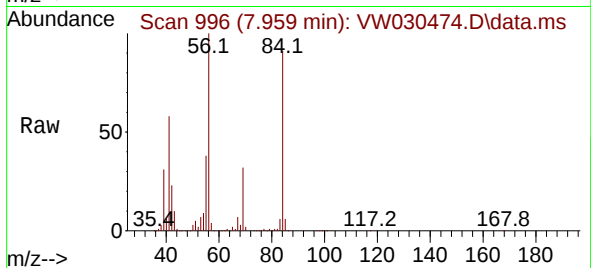
Tgt Ion: 56 Resp: 452216

Ion Ratio Lower Upper

56 100

69 31.6 25.4 38.0

84 90.3 72.3 108.5



#30

1,1,1-Trichloroethane

Concen: 49.387 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW030474.D

Acq: 09 Oct 2024 15:00

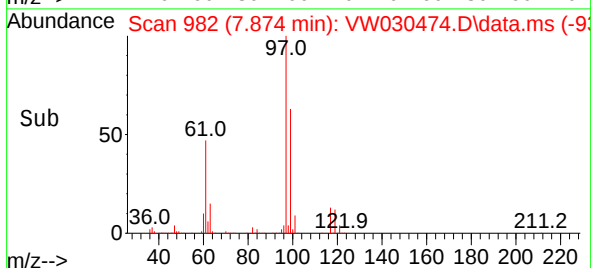
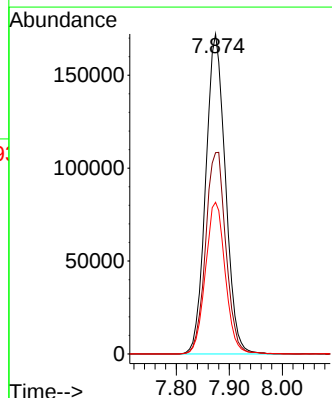
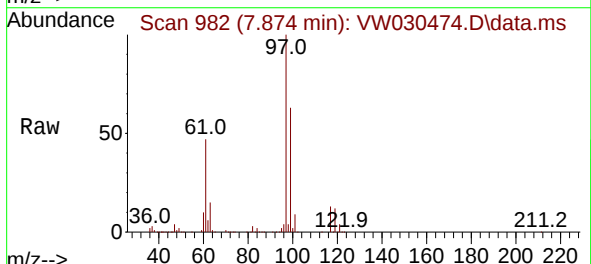
Tgt Ion: 97 Resp: 444116

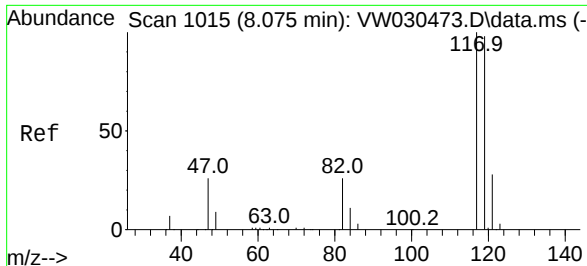
Ion Ratio Lower Upper

97 100

99 64.8 52.3 78.5

61 47.8 38.5 57.7

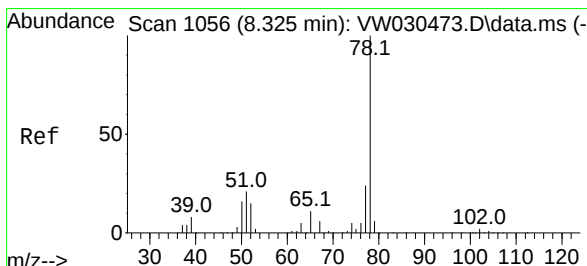
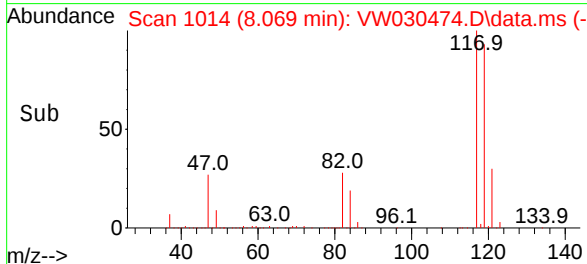
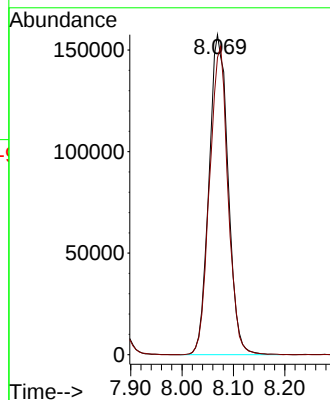
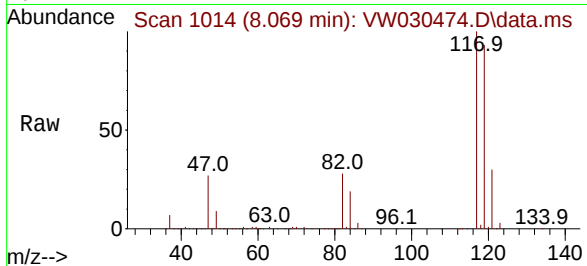




#31
Carbon tetrachloride
Concen: 50.538 ug/L
RT: 8.069 min Scan# 1015
Delta R.T. -0.006 min
Lab File: VW030474.D
Acq: 09 Oct 2024 15:00

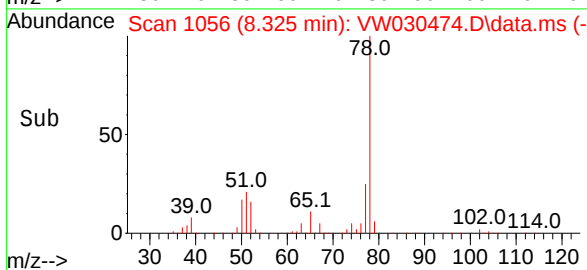
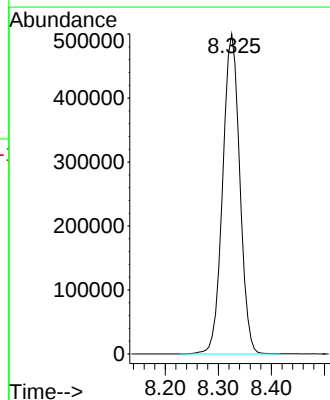
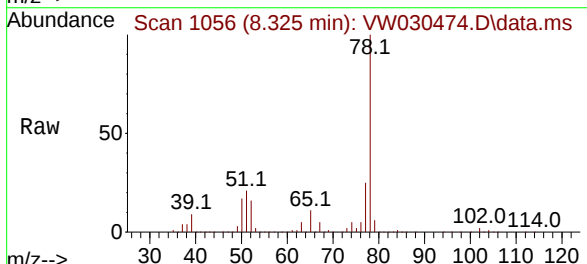
Instrument :
MSVOA_W
ClientSampleId :

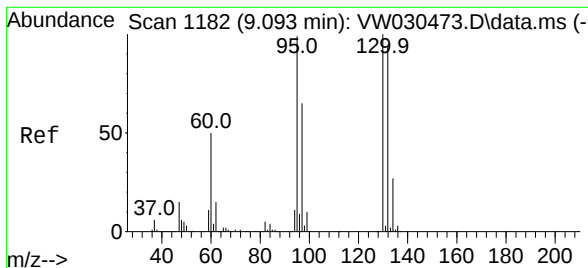
Tgt Ion:117 Resp: 405905
Ion Ratio Lower Upper
117 100
119 93.4 77.8 116.8



#33
Benzene
Concen: 50.796 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW030474.D
Acq: 09 Oct 2024 15:00

Tgt Ion: 78 Resp: 1119779





#34

Trichloroethene

Concen: 50.040 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW030474.D

Acq: 09 Oct 2024 15:00

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 306891

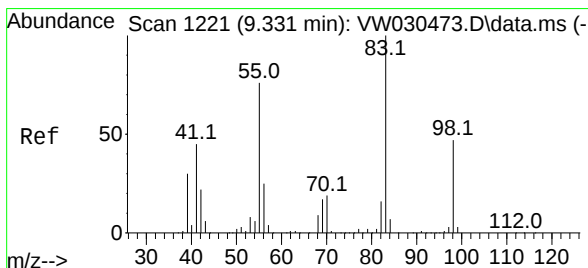
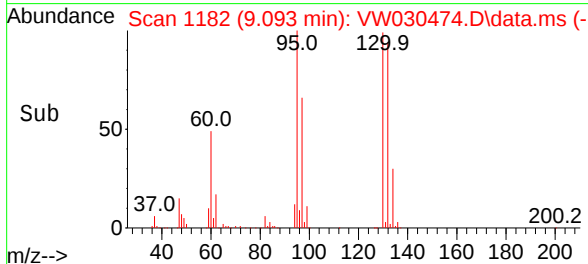
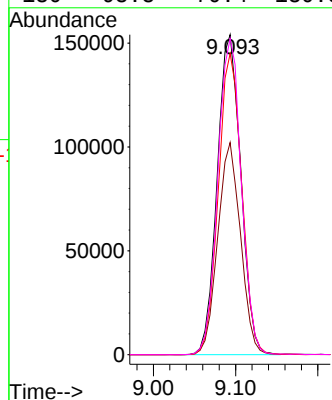
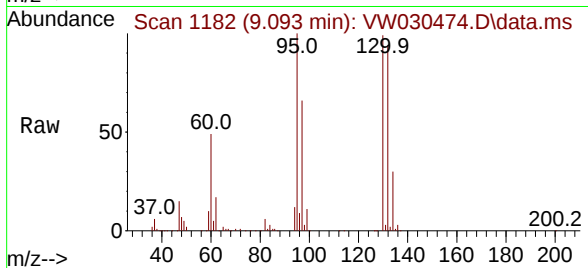
Ion Ratio Lower Upper

95 100

97 66.3 45.9 85.3

132 94.1 66.4 123.2

130 98.8 70.4 130.8



#35

Methylcyclohexane

Concen: 53.269 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW030474.D

Acq: 09 Oct 2024 15:00

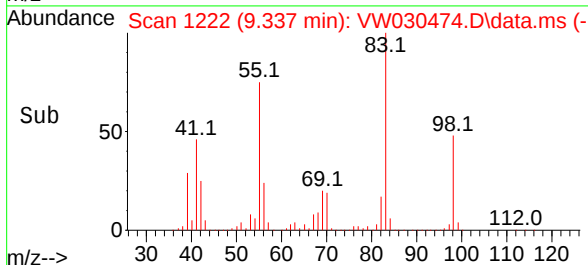
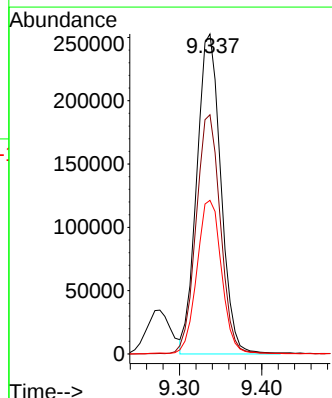
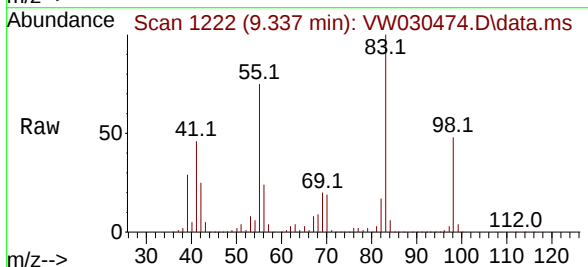
Tgt Ion: 83 Resp: 514142

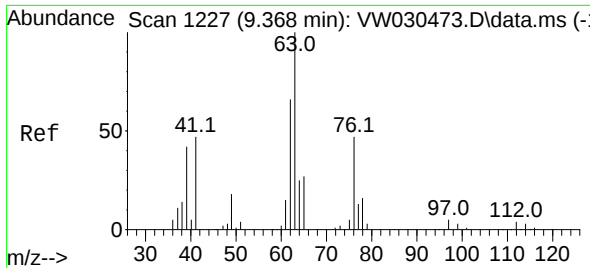
Ion Ratio Lower Upper

83 100

55 75.4 61.8 92.8

98 49.3 39.3 58.9





#37

1,2-Dichloropropane

Concen: 50.084 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW030474.D

Acq: 09 Oct 2024 15:00

Instrument :

MSVOA_W

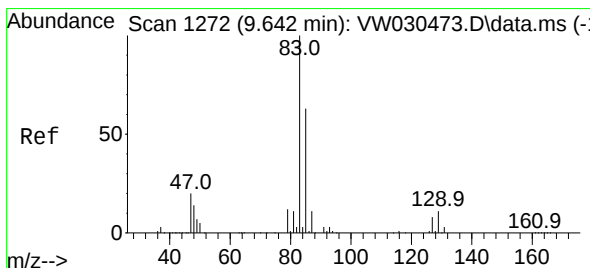
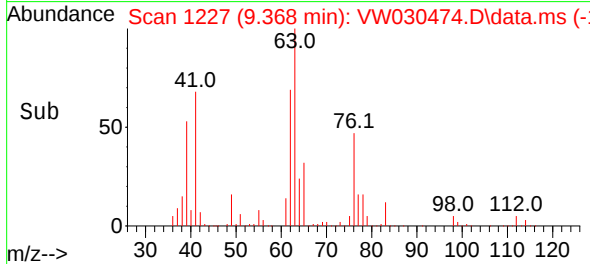
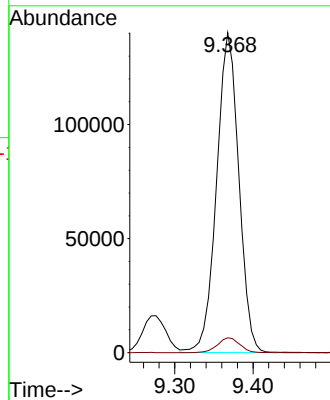
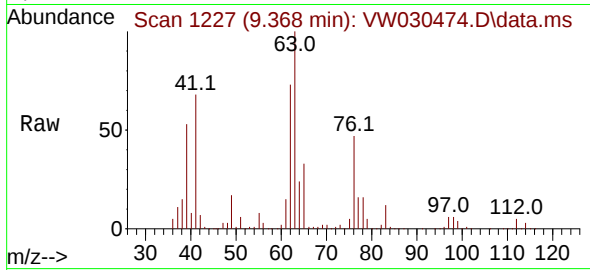
ClientSampleId :

Tgt Ion: 63 Resp: 276144

Ion Ratio Lower Upper

63 100

112 4.6 3.7 5.5



#38

Bromodichloromethane

Concen: 51.458 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW030474.D

Acq: 09 Oct 2024 15:00

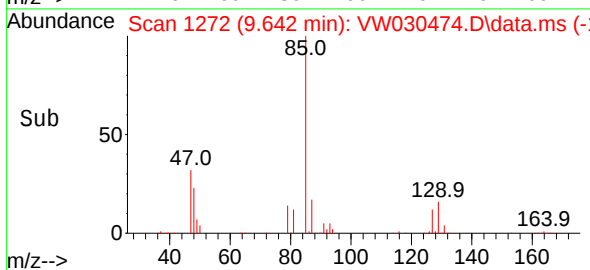
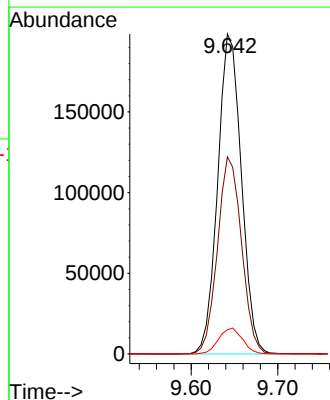
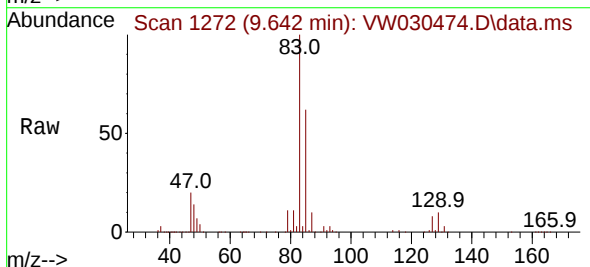
Tgt Ion: 83 Resp: 376942

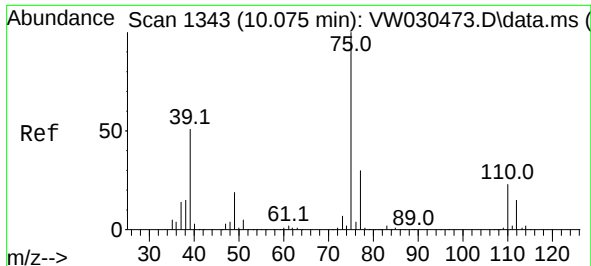
Ion Ratio Lower Upper

83 100

85 61.6 44.2 82.0

127 7.6 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 54.411 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VW030474.D

Acq: 09 Oct 2024 15:00

Instrument :

MSVOA_W

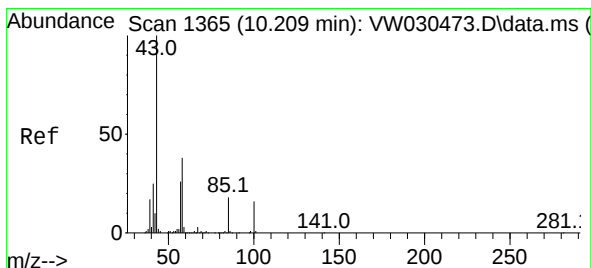
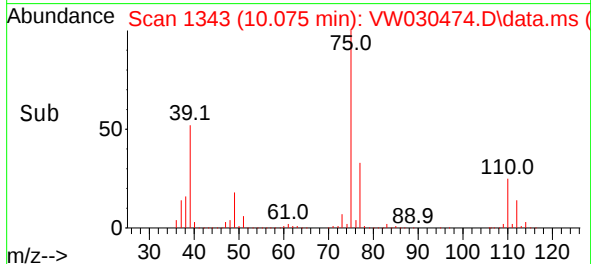
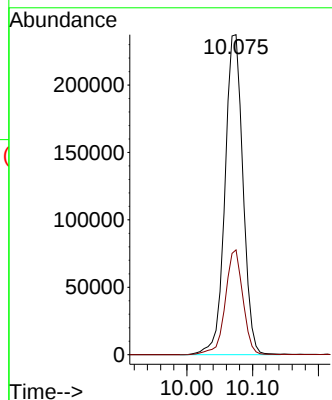
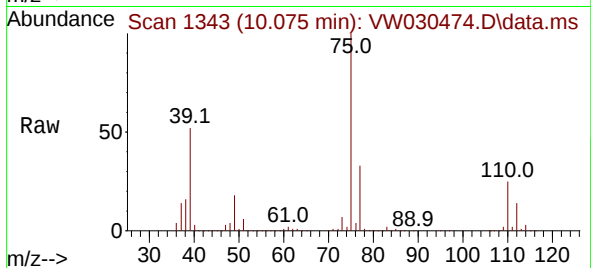
ClientSampleId :

Tgt Ion: 75 Resp: 451867

Ion Ratio Lower Upper

75 100

77 32.8 21.1 39.1



#40

4-Methyl-2-pentanone

Concen: 107.603 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW030474.D

Acq: 09 Oct 2024 15:00

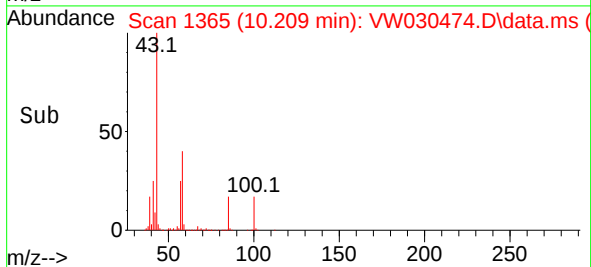
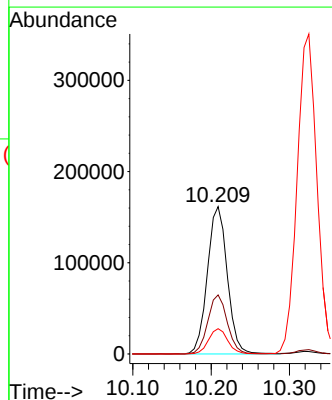
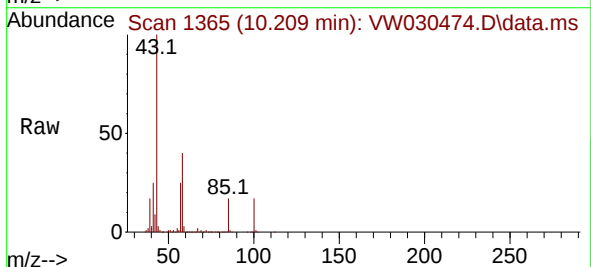
Tgt Ion: 43 Resp: 284610

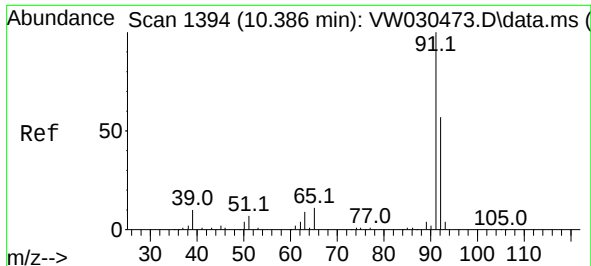
Ion Ratio Lower Upper

43 100

58 39.4 31.4 47.2

100 16.6 13.1 19.7





#42

Toluene

Concen: 52.403 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW030474.D

Acq: 09 Oct 2024 15:00

Instrument :

MSVOA_W

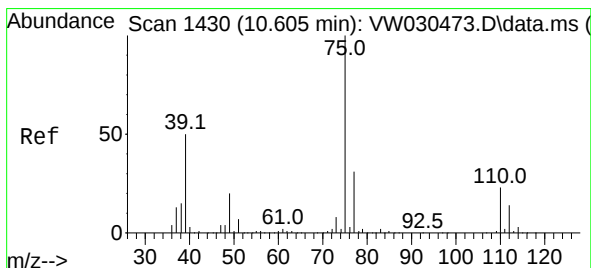
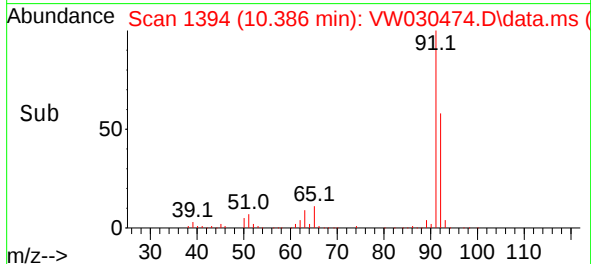
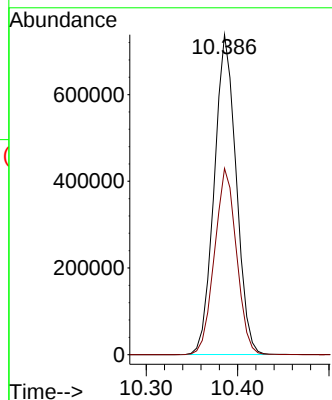
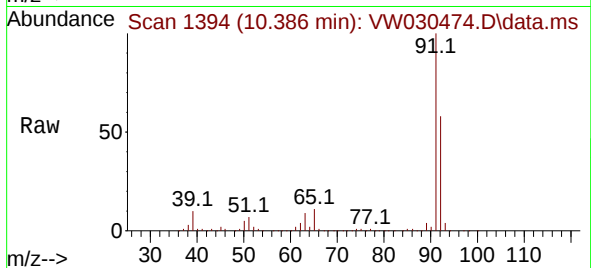
ClientSampleId :

Tgt Ion: 91 Resp: 1232415

Ion Ratio Lower Upper

91 100

92 58.2 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 54.588 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW030474.D

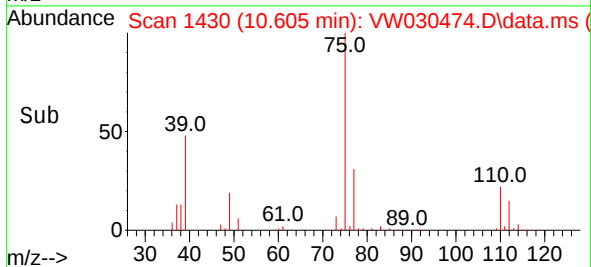
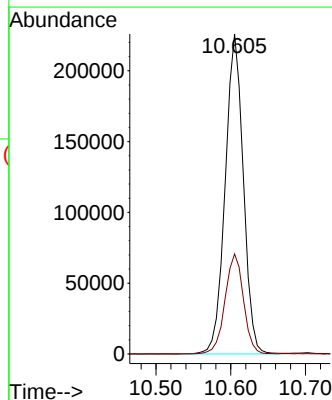
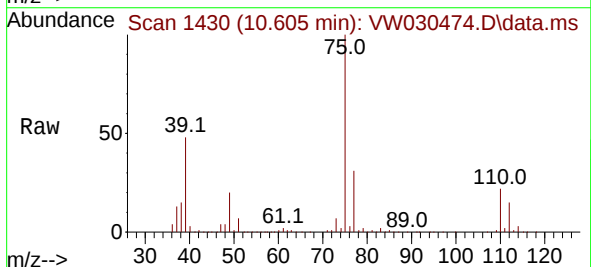
Acq: 09 Oct 2024 15:00

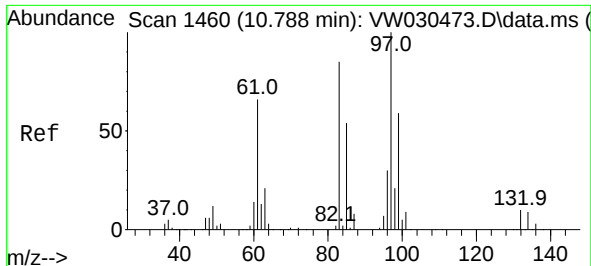
Tgt Ion: 75 Resp: 380947

Ion Ratio Lower Upper

75 100

77 31.3 21.6 40.2





#45

1,1,2-Trichloroethane

Concen: 49.956 ug/L

RT: 10.782 min Scan# 1460

Delta R.T. -0.006 min

Lab File: VW030474.D

Acq: 09 Oct 2024 15:00

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 198783

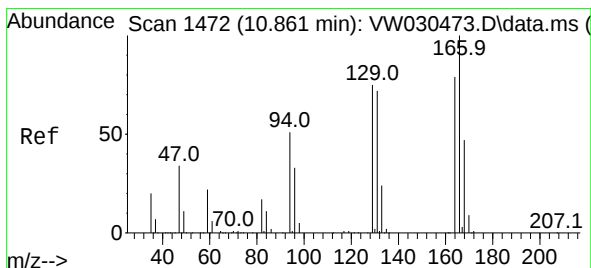
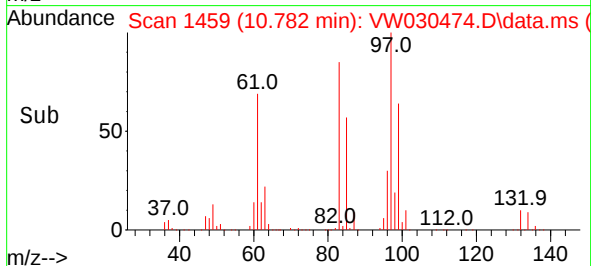
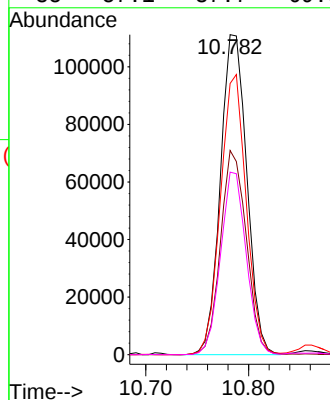
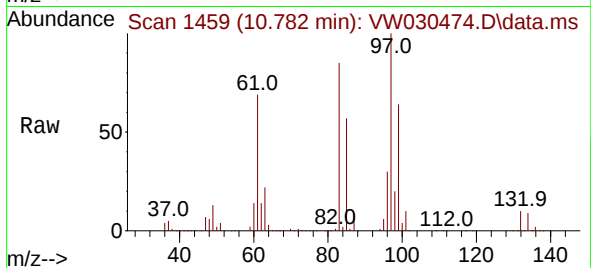
Ion Ratio Lower Upper

97 100

99 63.8 41.2 76.6

83 84.8 59.6 110.6

85 57.1 37.7 69.9



#46

Tetrachloroethene

Concen: 51.050 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW030474.D

Acq: 09 Oct 2024 15:00

Tgt Ion:164 Resp: 230918

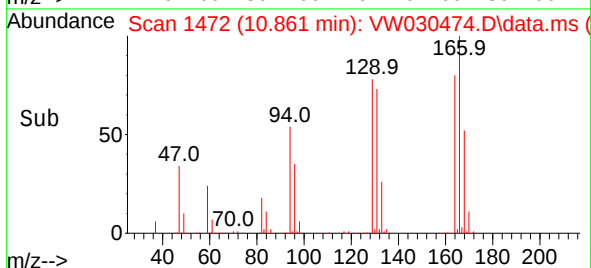
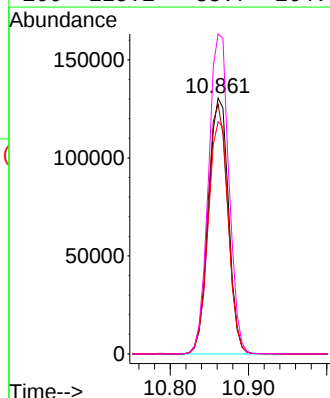
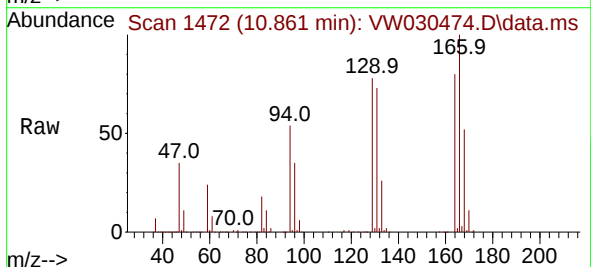
Ion Ratio Lower Upper

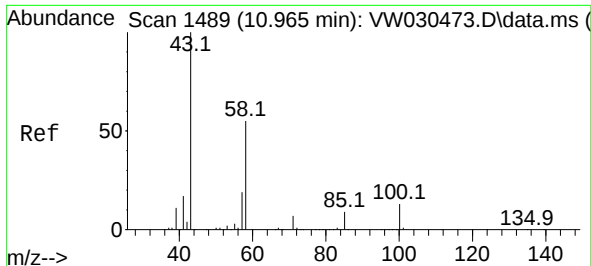
164 100

129 97.5 66.6 123.6

131 90.8 63.7 118.3

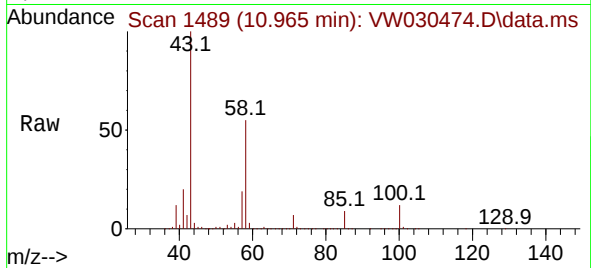
166 125.1 88.7 164.7



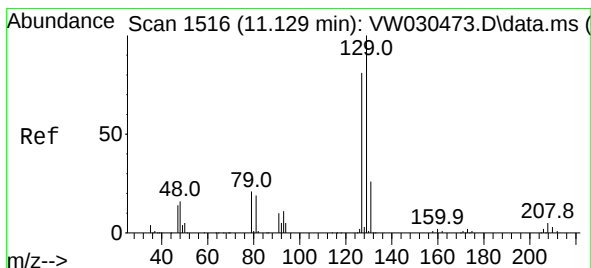
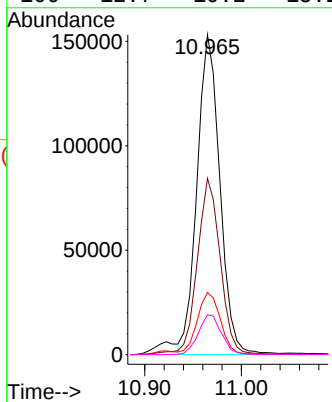
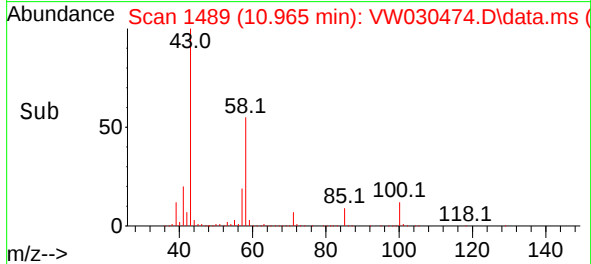


#48
2-Hexanone
Concen: 115.854 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW030474.D
Acq: 09 Oct 2024 15:00

Instrument :
MSVOA_W
ClientSampleId :

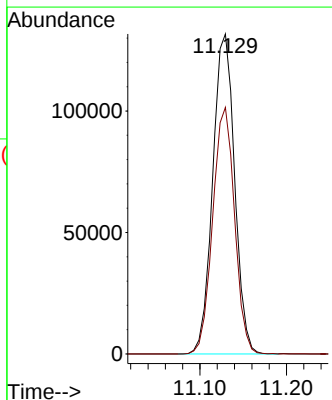
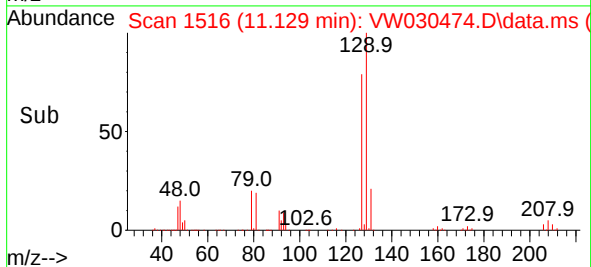
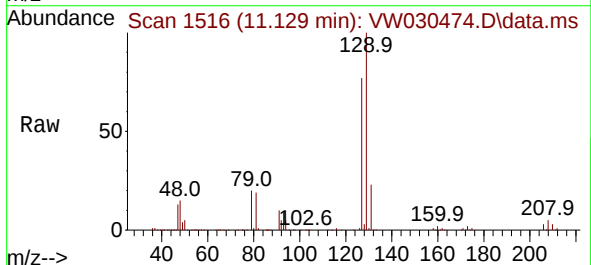


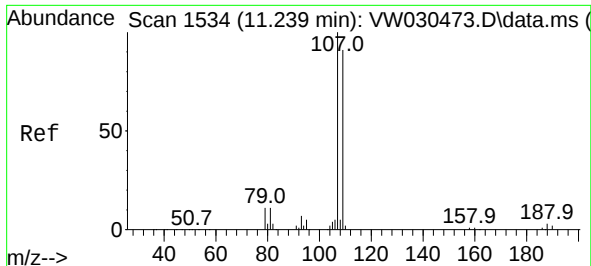
Tgt Ion: 43	Resp: 250595
Ion Ratio	Lower Upper
43 100	
58 55.9	44.6 67.0
57 19.7	15.8 23.8
100 12.7	10.2 15.2



#49
Dibromochloromethane
Concen: 52.020 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW030474.D
Acq: 09 Oct 2024 15:00

Tgt Ion:129	Resp: 230962
Ion Ratio	Lower Upper
129 100	
127 77.1	56.5 104.9





#50

1,2-Dibromoethane

Concen: 50.856 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.006 min

Lab File: VW030474.D

Acq: 09 Oct 2024 15:00

Instrument :

MSVOA_W

ClientSampleId :

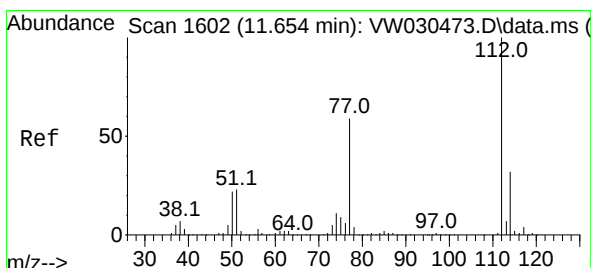
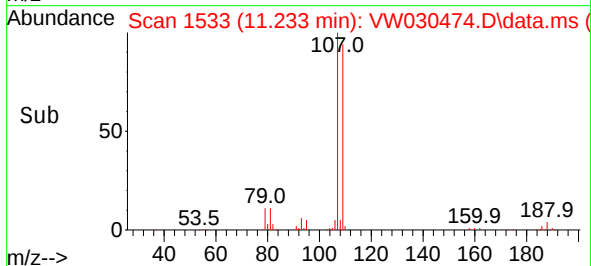
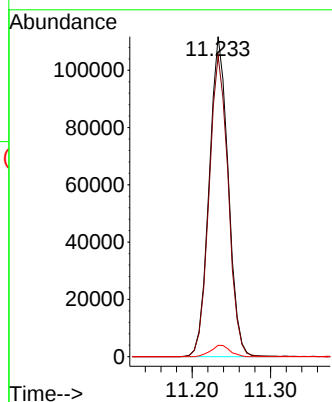
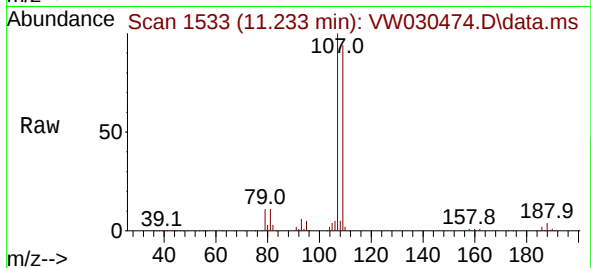
Tgt Ion:107 Resp: 188825

Ion Ratio Lower Upper

107 100

109 94.1 63.8 118.6

188 3.6 2.6 3.8



#51

Chlorobenzene

Concen: 48.942 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW030474.D

Acq: 09 Oct 2024 15:00

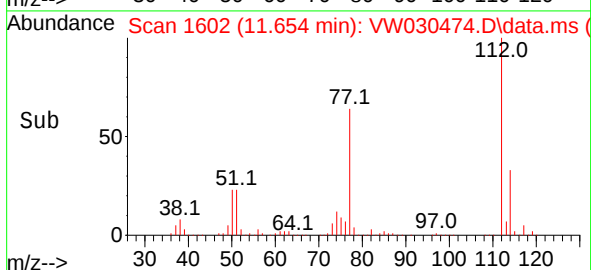
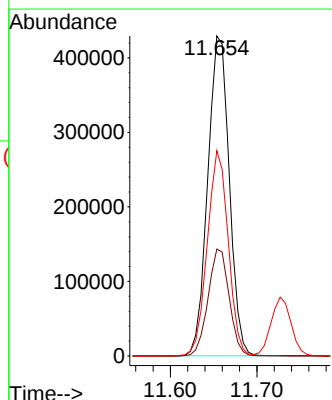
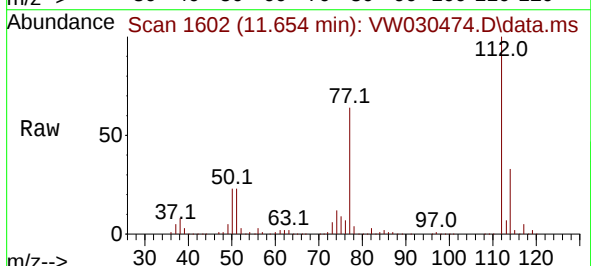
Tgt Ion:112 Resp: 740948

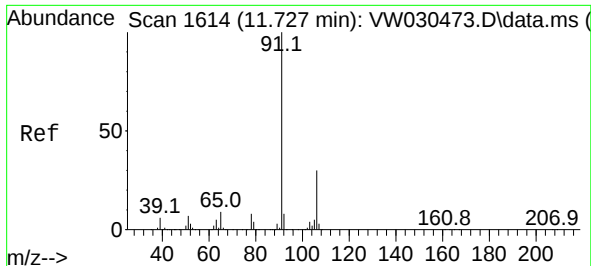
Ion Ratio Lower Upper

112 100

114 33.4 22.4 41.6

77 64.2 47.1 70.7





#52

Ethylbenzene

Concen: 52.351 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW030474.D

Acq: 09 Oct 2024 15:00

Instrument :

MSVOA_W

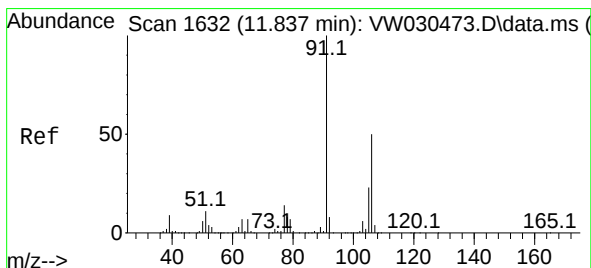
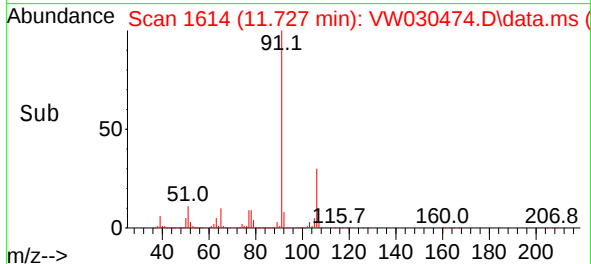
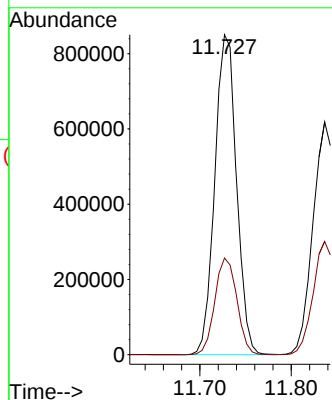
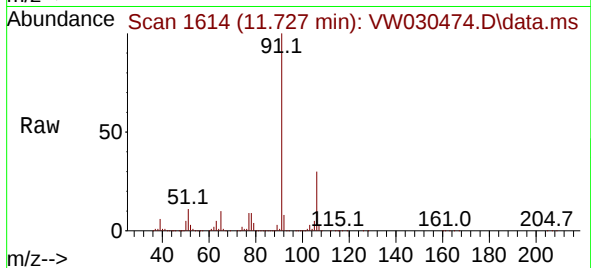
ClientSampleId :

Tgt Ion: 91 Resp: 1404868

Ion Ratio Lower Upper

91 100

106 30.2 21.1 39.1



#53

m,p-Xylene

Concen: 53.755 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW030474.D

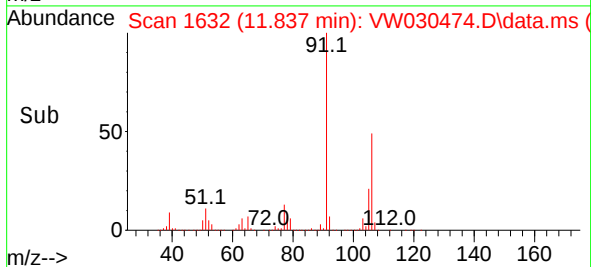
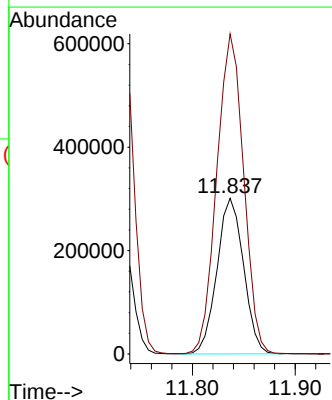
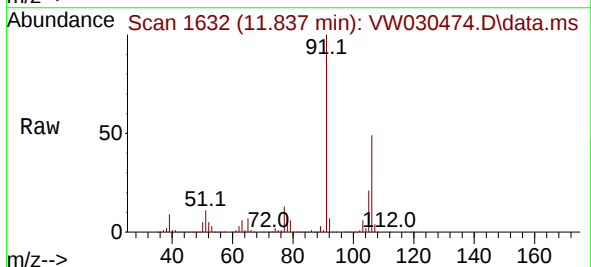
Acq: 09 Oct 2024 15:00

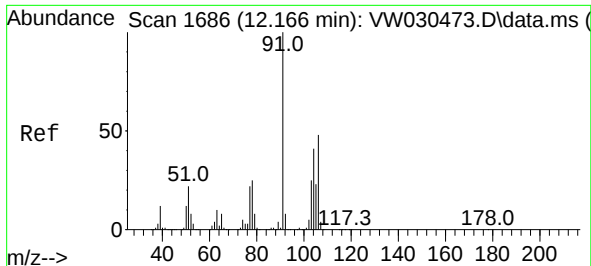
Tgt Ion:106 Resp: 540446

Ion Ratio Lower Upper

106 100

91 205.6 140.6 261.2

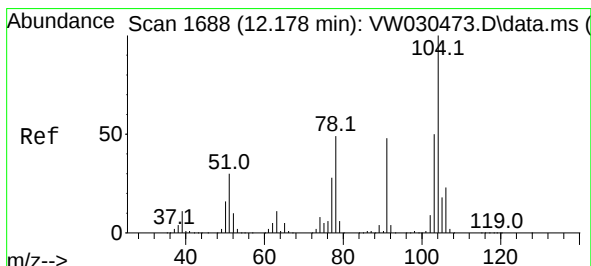
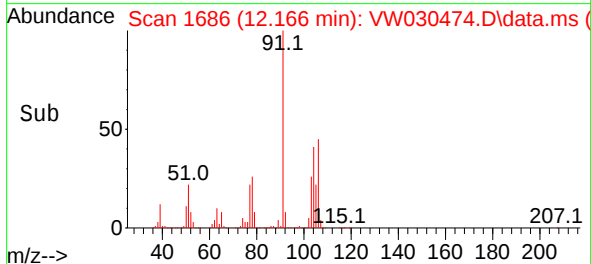
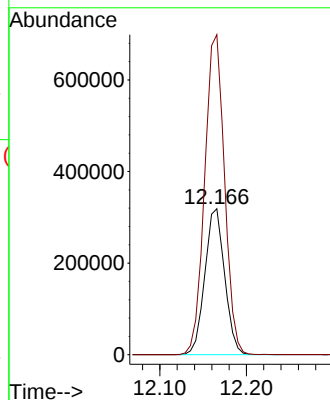
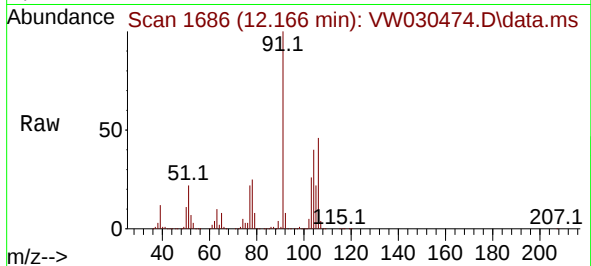




#54
o-Xylene
Concen: 54.497 ug/L
RT: 12.166 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW030474.D
Acq: 09 Oct 2024 15:00

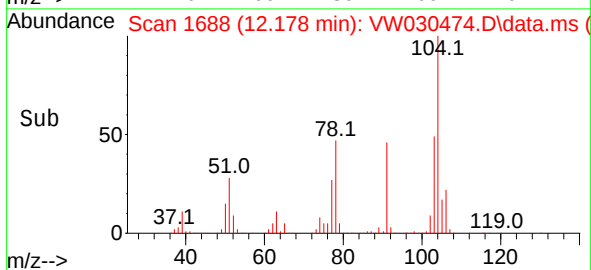
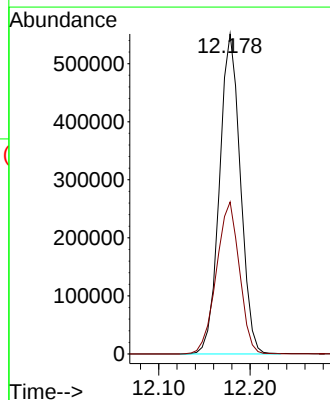
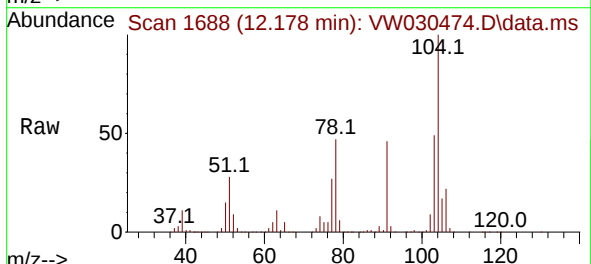
Instrument :
MSVOA_W
ClientSampleId :

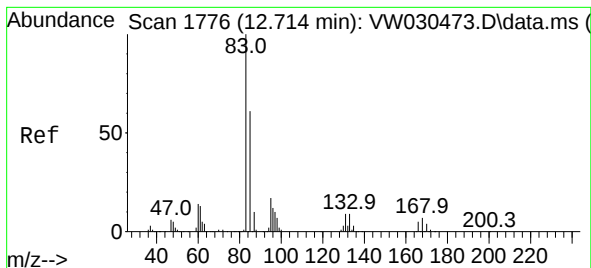
Tgt Ion:106 Resp: 506536
Ion Ratio Lower Upper
106 100
91 219.3 144.5 268.4



#55
Styrene
Concen: 55.166 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW030474.D
Acq: 09 Oct 2024 15:00

Tgt Ion:104 Resp: 876574
Ion Ratio Lower Upper
104 100
78 47.5 34.3 63.7

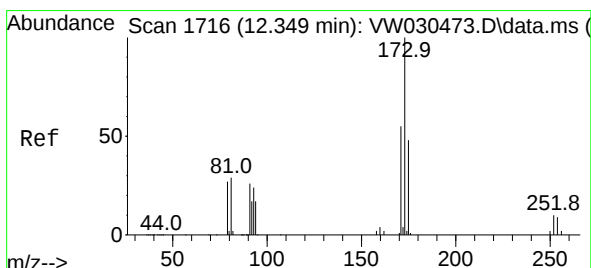
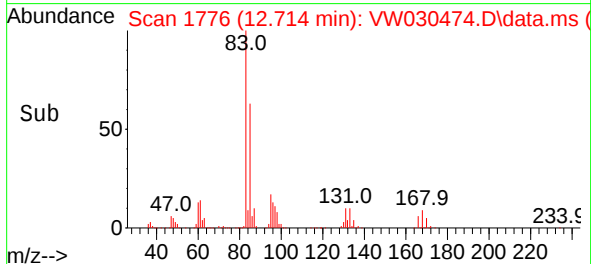
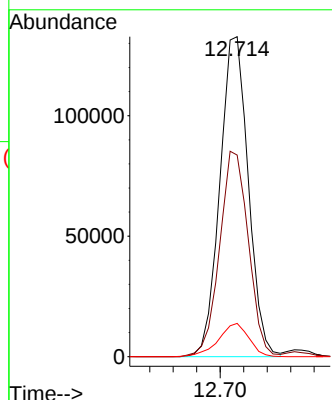
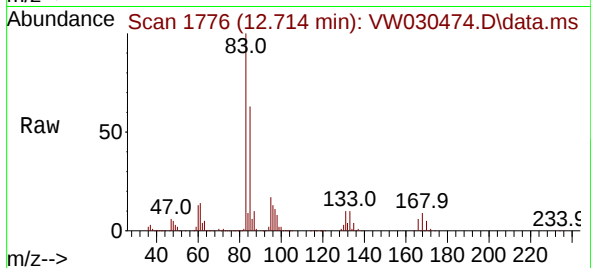




#57
1,1,2,2-Tetrachloroethane
Concen: 49.742 ug/L
RT: 12.714 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW030474.D
Acq: 09 Oct 2024 15:00

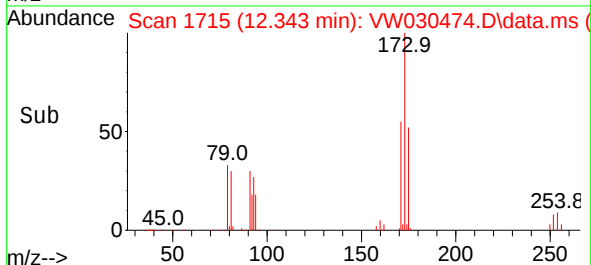
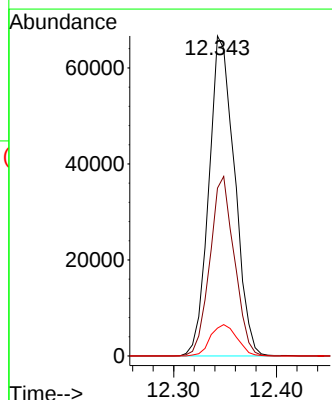
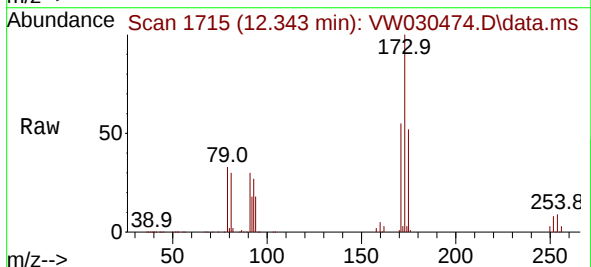
Instrument :
MSVOA_W
ClientSampleId :

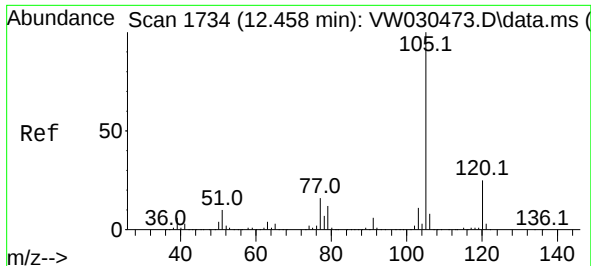
Tgt Ion: 83 Resp: 223204
Ion Ratio Lower Upper
83 100
85 63.0 42.6 79.2
131 10.4 7.4 11.0



#59
Bromoform
Concen: 48.747 ug/L
RT: 12.343 min Scan# 1715
Delta R.T. -0.006 min
Lab File: VW030474.D
Acq: 09 Oct 2024 15:00

Tgt Ion:173 Resp: 115657
Ion Ratio Lower Upper
173 100
175 53.3 39.0 58.4
254 10.1 7.7 11.5





#60

Isopropylbenzene

Concen: 54.433 ug/L

RT: 12.465 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW030474.D

Acq: 09 Oct 2024 15:00

Instrument :

MSVOA_W

ClientSampleId :

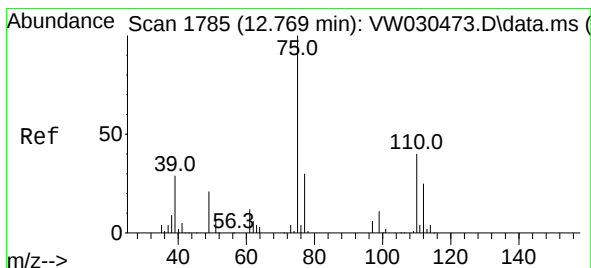
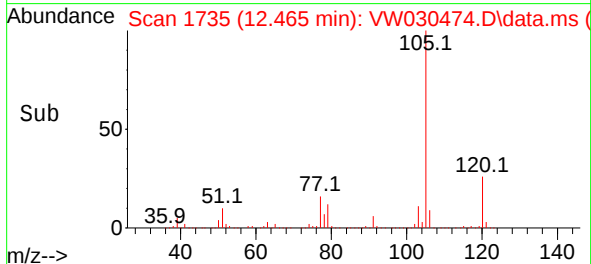
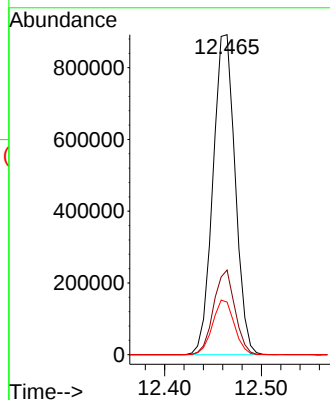
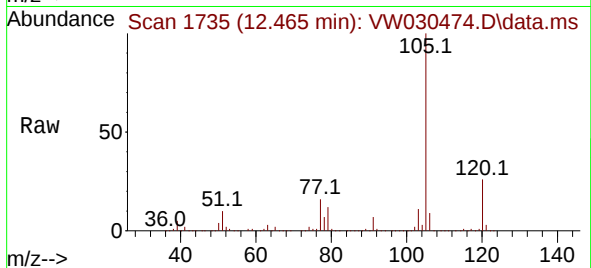
Tgt Ion:105 Resp: 1423517

Ion Ratio Lower Upper

105 100

120 25.4 20.6 31.0

77 16.8 13.4 20.0



#61

1,2,3-Trichloropropane

Concen: 49.397 ug/L

RT: 12.769 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VW030474.D

Acq: 09 Oct 2024 15:00

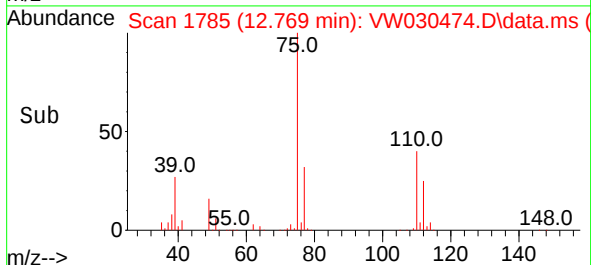
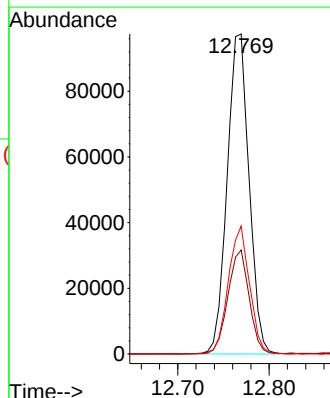
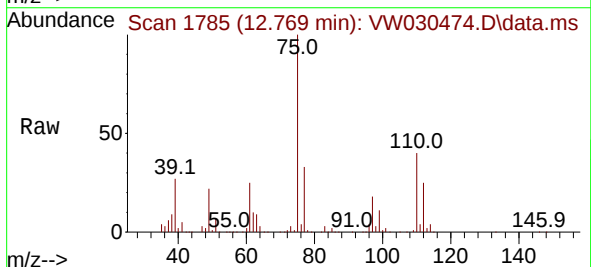
Tgt Ion: 75 Resp: 162322

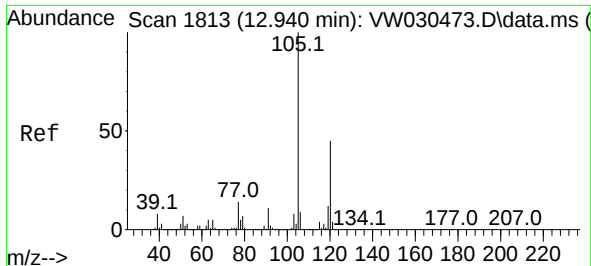
Ion Ratio Lower Upper

75 100

77 31.8 25.7 38.5

110 38.6 32.3 48.5





#62

1,3,5-Trimethylbenzene

Concen: 55.785 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW030474.D

Acq: 09 Oct 2024 15:00

Instrument :

MSVOA_W

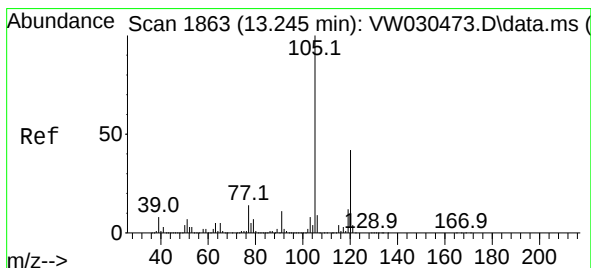
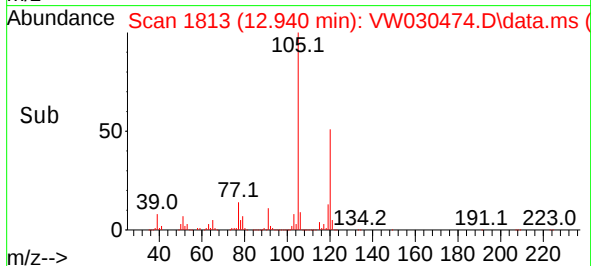
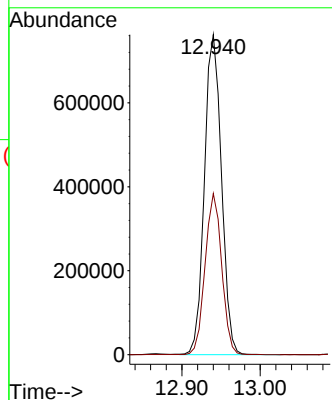
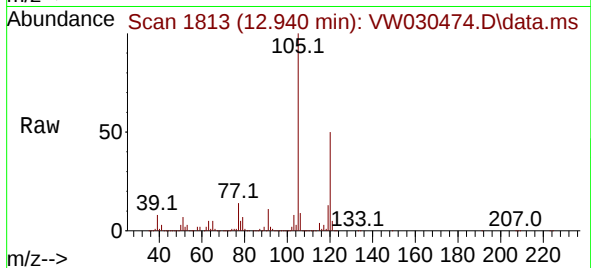
ClientSampleId :

Tgt Ion:105 Resp: 1150937

Ion Ratio Lower Upper

105 100

120 49.1 38.0 57.0



#63

1,2,4-Trimethylbenzene

Concen: 55.969 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW030474.D

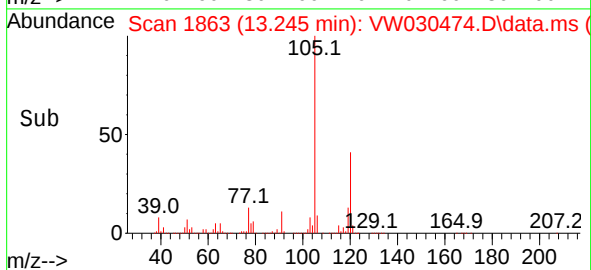
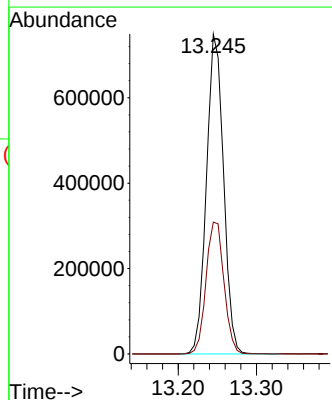
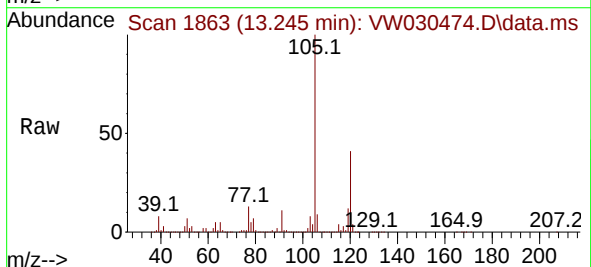
Acq: 09 Oct 2024 15:00

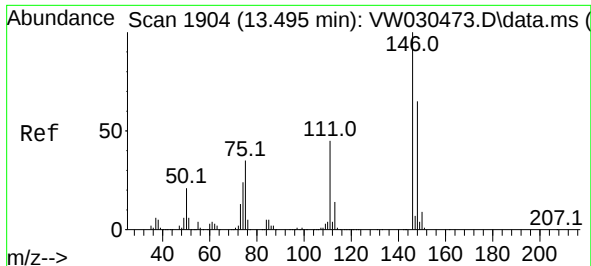
Tgt Ion:105 Resp: 1130615

Ion Ratio Lower Upper

105 100

120 43.4 35.8 53.6

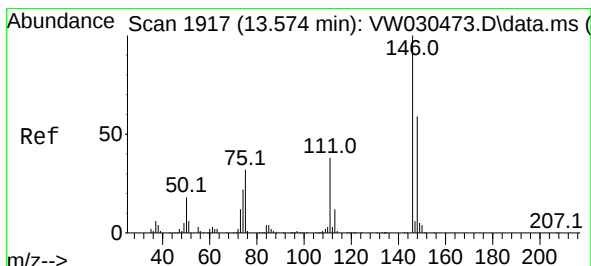
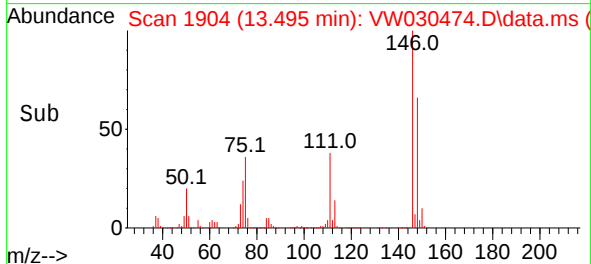
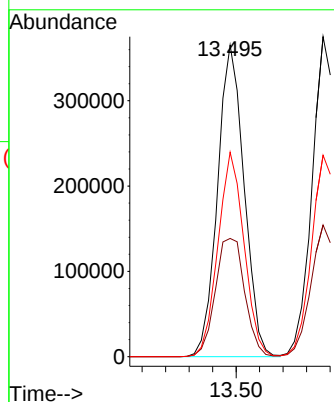
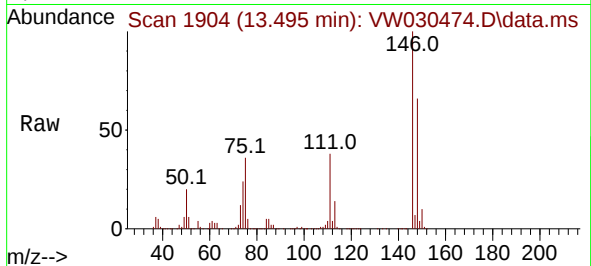




#64
1,3-Dichlorobenzene
Concen: 50.368 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW030474.D
Acq: 09 Oct 2024 15:00

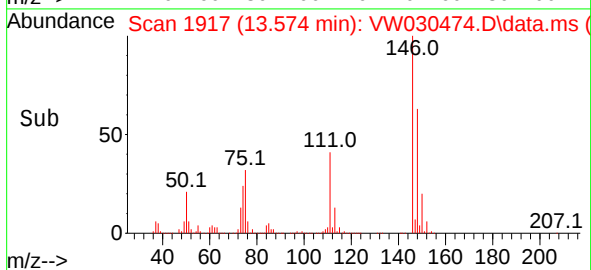
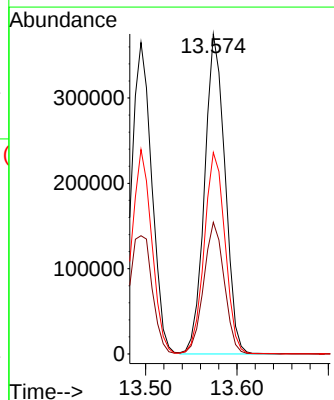
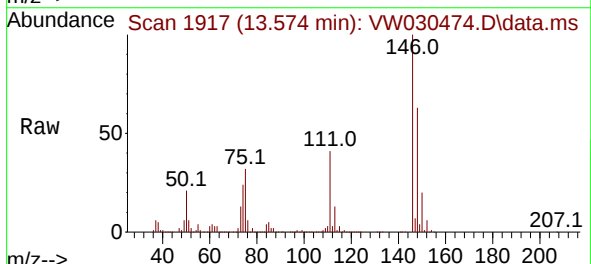
Instrument :
MSVOA_W
ClientSampleId :

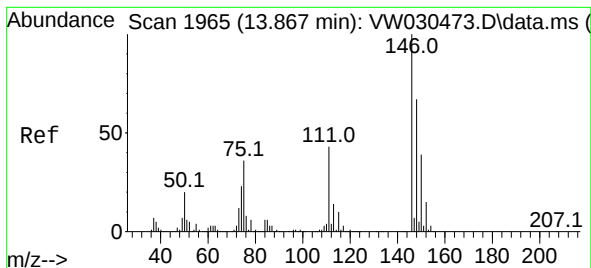
Tgt Ion:146 Resp: 573351
Ion Ratio Lower Upper
146 100
111 38.0 31.2 58.0
148 65.6 45.7 84.9



#65
1,4-Dichlorobenzene
Concen: 49.369 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW030474.D
Acq: 09 Oct 2024 15:00

Tgt Ion:146 Resp: 580265
Ion Ratio Lower Upper
146 100
111 41.2 26.8 49.8
148 62.9 41.0 76.2





#67

1,2-Dichlorobenzene

Concen: 50.500 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW030474.D

Acq: 09 Oct 2024 15:00

Instrument :

MSVOA_W

ClientSampleId :

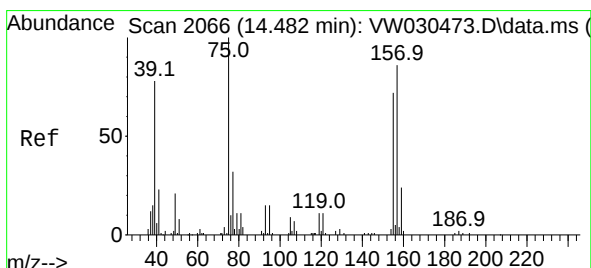
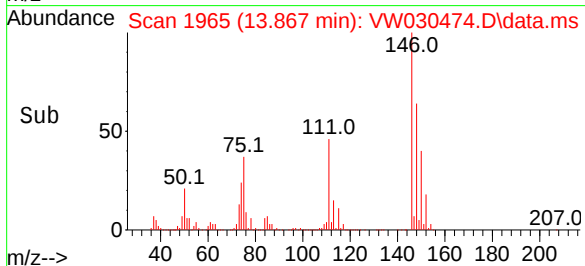
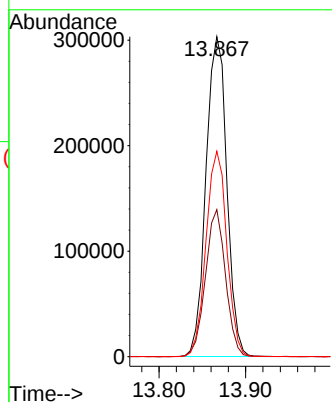
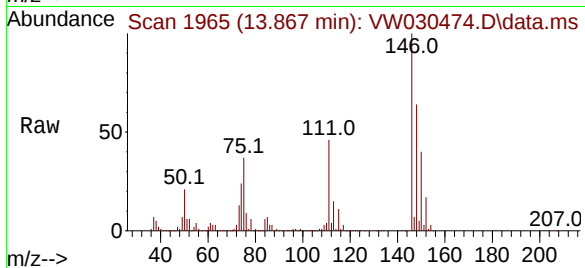
Tgt Ion:146 Resp: 505847

Ion Ratio Lower Upper

146 100

111 46.0 34.6 52.0

148 64.2 53.3 79.9



#68

1,2-Dibromo-3-chloropropane

Concen: 47.856 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VW030474.D

Acq: 09 Oct 2024 15:00

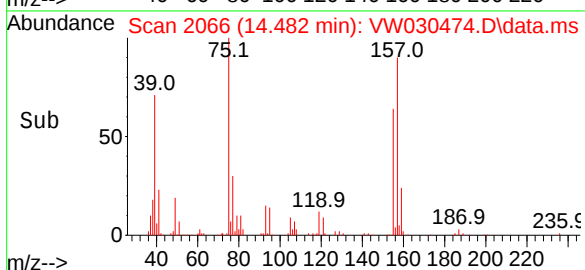
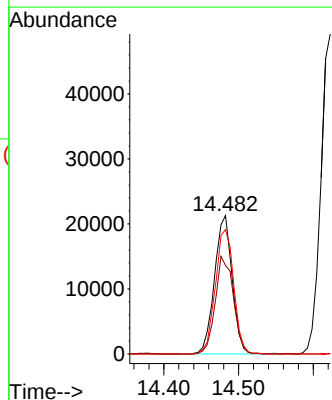
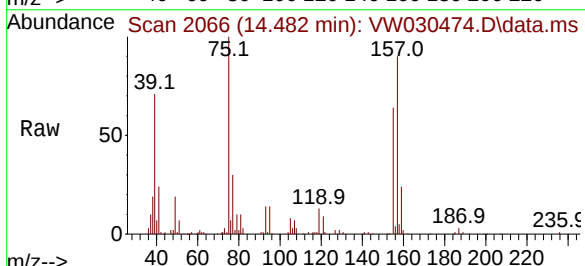
Tgt Ion: 75 Resp: 35074

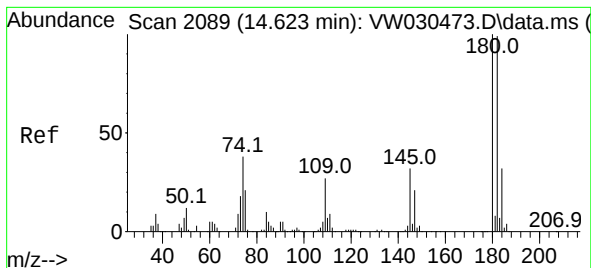
Ion Ratio Lower Upper

75 100

155 64.1 57.9 86.9

157 89.8 69.0 103.6





#69

1,3,5-Trichlorobenzene

Concen: 49.355 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

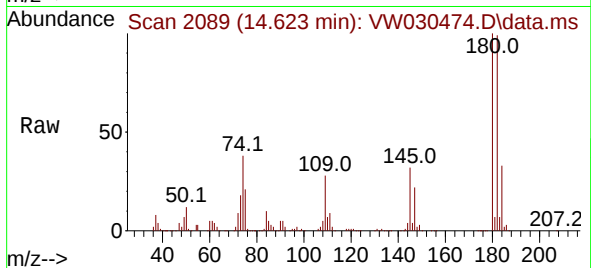
Lab File: VW030474.D

Acq: 09 Oct 2024 15:00

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 370479

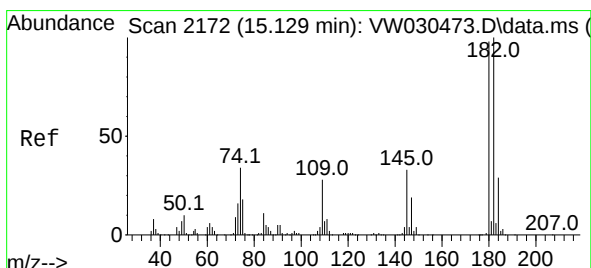
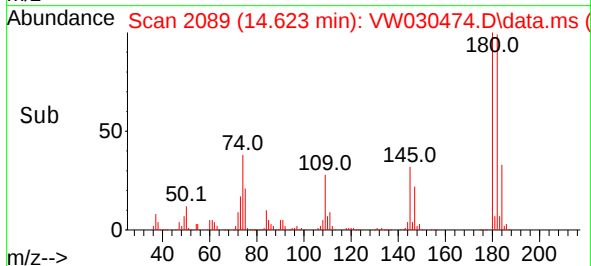
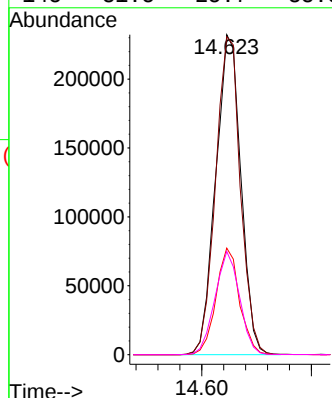
Ion Ratio Lower Upper

180 100

182 98.2 79.9 119.9

184 31.2 25.2 37.8

145 31.5 25.7 38.5



#70

1,2,4-trichlorobenzene

Concen: 50.020 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW030474.D

Acq: 09 Oct 2024 15:00

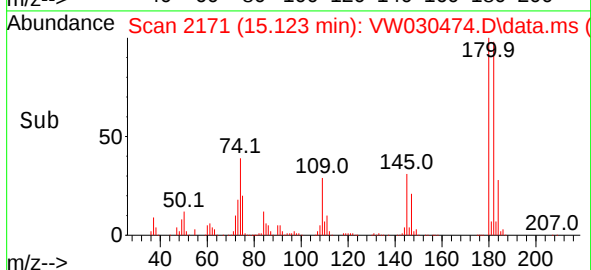
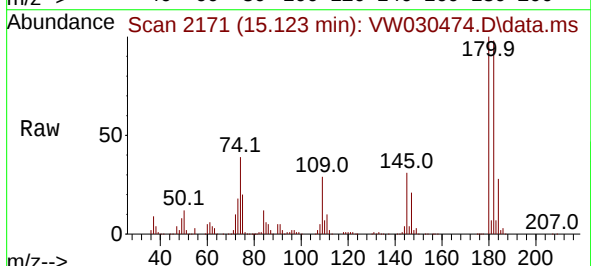
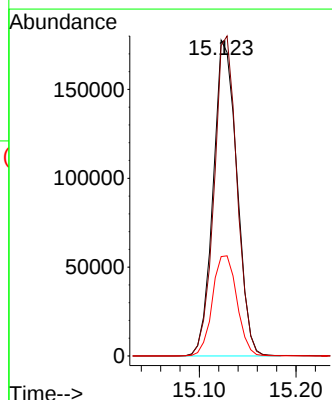
Tgt Ion:180 Resp: 302270

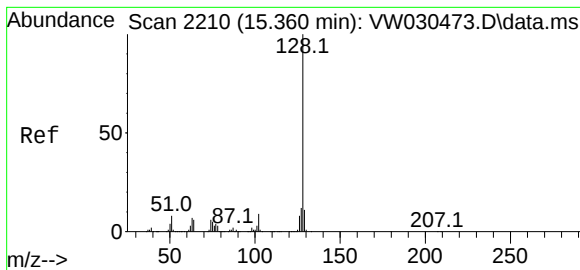
Ion Ratio Lower Upper

180 100

182 97.9 75.2 112.8

145 32.8 25.4 38.2

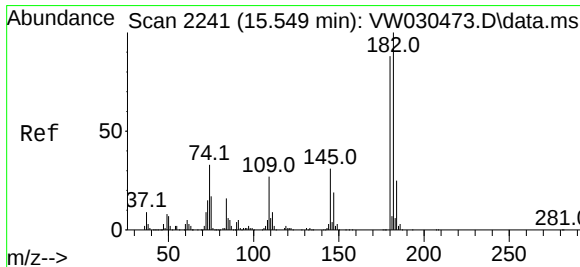
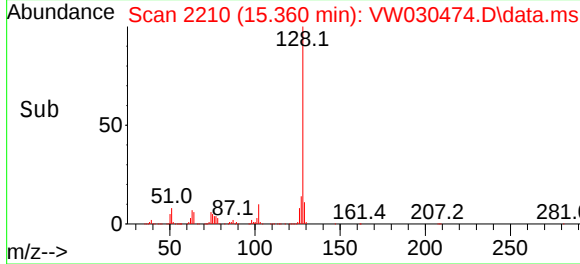
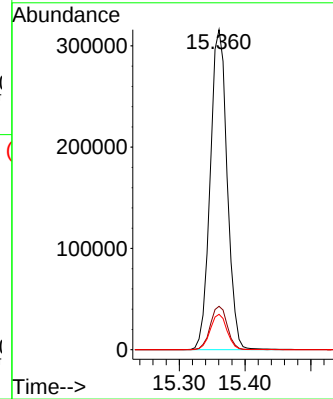
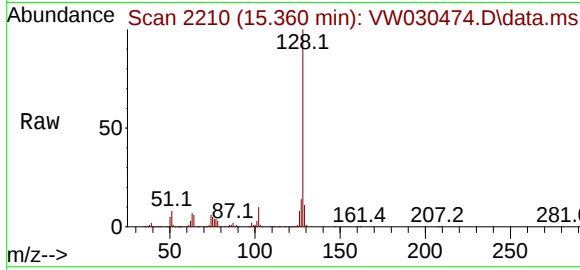




#71
Naphthalene
Concen: 54.230 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW030474.D
Acq: 09 Oct 2024 15:00

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 566179
Ion Ratio Lower Upper
128 100
127 13.6 10.9 16.3
129 11.0 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 50.423 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW030474.D
Acq: 09 Oct 2024 15:00

Tgt Ion:180 Resp: 264151
Ion Ratio Lower Upper
180 100
182 93.1 76.2 114.4
145 34.1 27.4 41.2

