

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
 Data File : VW030052.D
 Acq On : 27 Aug 2024 18:21
 Operator : SY/MD
 Sample : P3673-21MS
 Misc : 6.07g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 28 01:18:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Aug 28 01:11:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	332882	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	285011	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	119613	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	83844	16.925	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.720%
7) Chloroethane-d5	2.899	69	60260	17.140	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.560%
11) 1,1-Dichloroethene-d2	4.021	65	37765	17.844	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.360%
21) 2-Butanone-d5	7.081	46	43550	44.102	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.200%
24) Chloroform-d	7.648	84	167821	18.695	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	74.760%
26) 1,2-Dichloroethane-d4	8.307	65	89721	19.683	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	78.720%
32) Benzene-d6	8.276	84	332559	19.768	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.080%
36) 1,2-Dichloropropane-d6	9.276	67	103563	21.011	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.040%
41) Toluene-d8	10.319	98	298155	19.471	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.880%
43) trans-1,3-Dichloroprop...	10.575	79	41673	20.554	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.200%
47) 2-Hexanone-d5	10.922	63	39292	52.086	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.180%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	79920	22.023	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.080%
66) 1,2-Dichlorobenzene-d4	13.848	152	75232	17.389	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	69.560%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	55719	14.553	ug/L	100
3) Chloromethane	2.229	50	70160	15.764	ug/L	98
5) Vinyl chloride	2.375	62	73212	13.917	ug/L	97
6) Bromomethane	2.789	94	45633	13.958	ug/L	99
8) Chloroethane	2.936	64	44423	14.654	ug/L	97
9) Trichlorofluoromethane	3.265	101	64954	14.258	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	59687	13.695	ug/L	98
13) Acetone	4.137	43	32405	35.878	ug/L	99
14) Carbon disulfide	4.393	76	200705	15.163	ug/L	98
15) Methyl Acetate	4.679	43	28641	16.264	ug/L	96
16) Methylene chloride	4.923	84	80479	14.635	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	68262	14.466	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	110968	15.377	ug/L	98
19) 1,1-Dichloroethane	6.216	63	133210	15.191	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	73792	14.148	ug/L	95
22) 2-Butanone	7.179	43	38289	29.625	ug/L	97
23) Bromochloromethane	7.514	128	32737	14.798	ug/L	98
25) Chloroform	7.679	83	131683	14.681	ug/L	100
27) 1,2-Dichloroethane	8.398	62	88335	15.386	ug/L	98

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 Quant Title : SFAM01.0
 QLast Update : Wed Aug 28 01:11:30 2024
 Response via : Initial Calibration

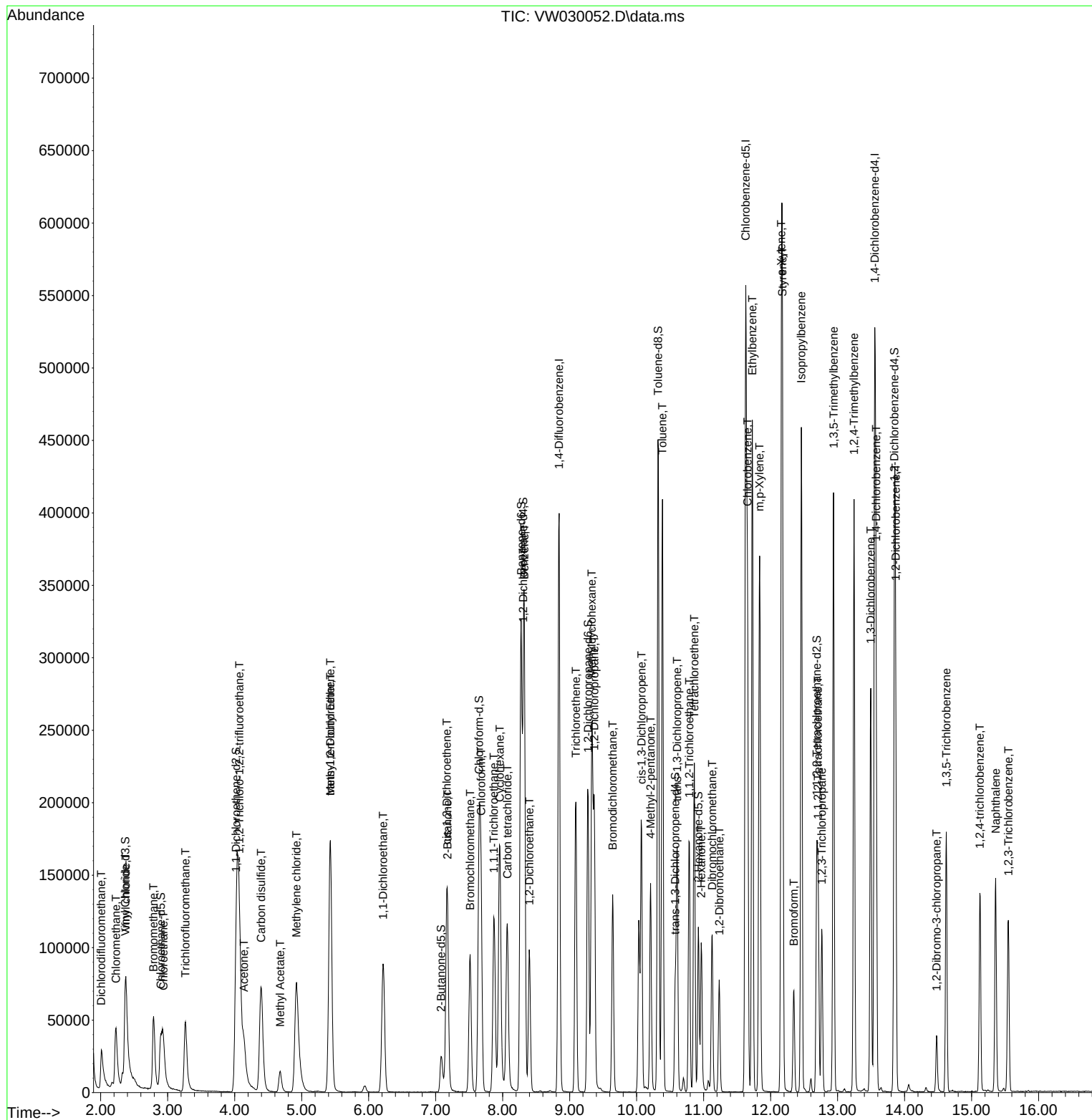
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.959	56	103094	14.980	ug/L	100
30) 1,1,1-Trichloroethane	7.868	97	103107	15.445	ug/L	99
31) Carbon tetrachloride	8.069	117	89467	14.917	ug/L	99
33) Benzene	8.325	78	287320	15.734	ug/L	100
34) Trichloroethene	9.093	95	74232	15.097	ug/L	95
35) Methylcyclohexane	9.331	83	106807	13.263	ug/L	97
37) 1,2-Dichloropropane	9.368	63	75550	16.338	ug/L	99
38) Bromodichloromethane	9.642	83	92975	15.935	ug/L	95
39) cis-1,3-Dichloropropene	10.075	75	113535	15.952	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	94164	40.909	ug/L	97
42) Toluene	10.386	91	300132	15.434	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	93328	16.205	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	55327	16.324	ug/L	96
46) Tetrachloroethene	10.861	164	51763	13.870	ug/L	94
48) 2-Hexanone	10.965	43	65781	40.200	ug/L	95
49) Dibromochloromethane	11.129	129	58300	16.189	ug/L	96
50) 1,2-Dibromoethane	11.233	107	52128	16.465	ug/L	96
51) Chlorobenzene	11.654	112	177902	14.308	ug/L	92
52) Ethylbenzene	11.727	91	324076	14.708	ug/L	99
53) m,p-Xylene	11.837	106	118702	14.436	ug/L	94
54) o-Xylene	12.160	106	111298	14.102	ug/L	99
55) Styrene	12.178	104	187363	14.169	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.708	83	66193	17.343	ug/L	100
59) Bromoform	12.349	173	32219	18.088	ug/L	97
60) Isopropylbenzene	12.458	105	292708	15.339	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	47892	19.692	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	216653	15.269	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	211791	14.161	ug/L	96
64) 1,3-Dichlorobenzene	13.495	146	106696	13.115	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	111557	13.574	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	101799	13.988	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	10126	19.450	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	52235	9.835	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	43964	9.564	ug/L	98
71) Naphthalene	15.360	128	119742	13.641	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	40814	10.115	ug/L	97

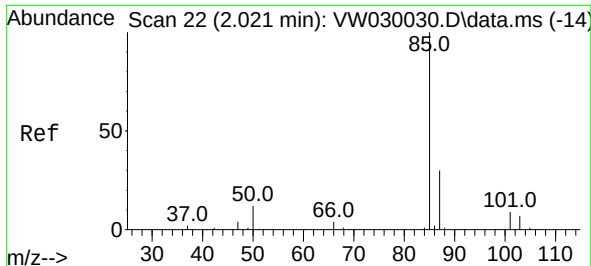
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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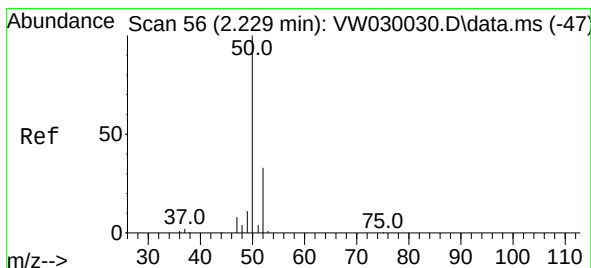
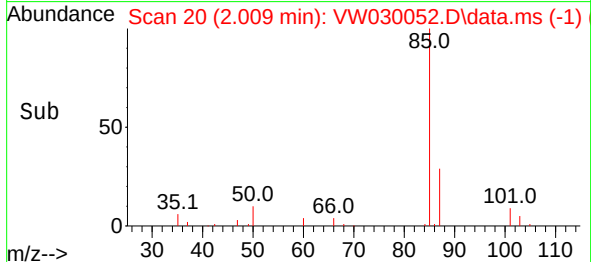
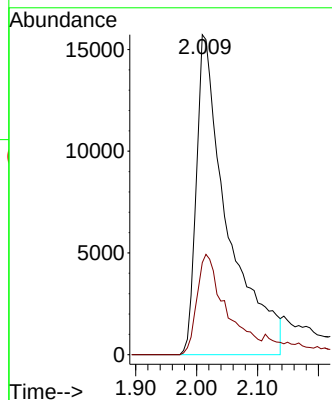
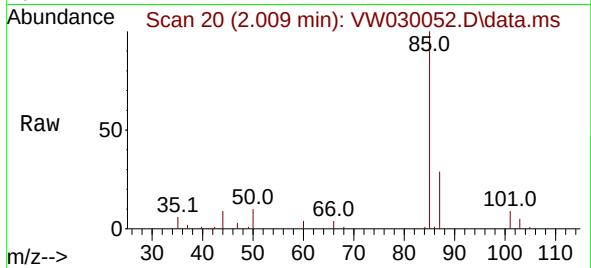




#2
 Dichlorodifluoromethane
 Concen: 14.553 ug/L
 RT: 2.009 min Scan# 20
 Delta R.T. -0.012 min
 Lab File: VW030052.D
 Acq: 27 Aug 2024 18:21

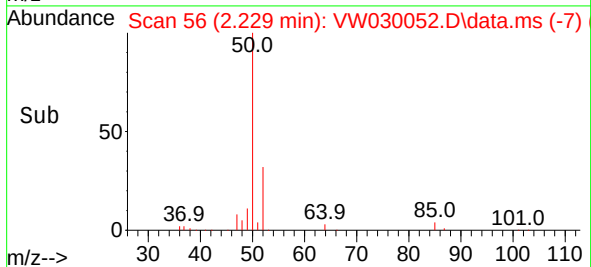
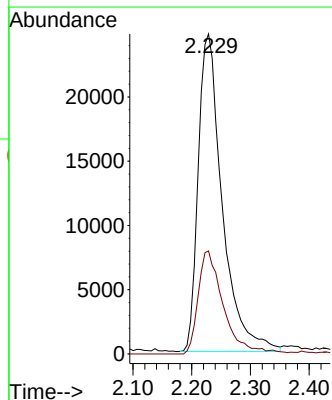
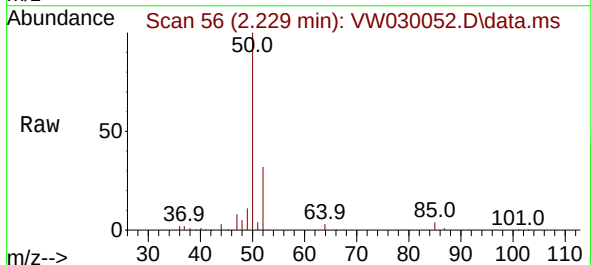
Instrument :
 MSVOA_W
 ClientSampleId :

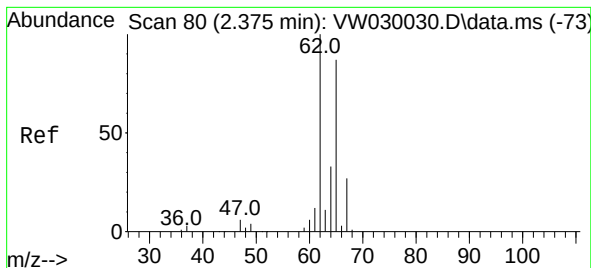
Tgt Ion: 85 Resp: 55719
 Ion Ratio Lower Upper
 85 100
 87 29.9 24.2 36.2



#3
 Chloromethane
 Concen: 15.764 ug/L
 RT: 2.229 min Scan# 56
 Delta R.T. -0.000 min
 Lab File: VW030052.D
 Acq: 27 Aug 2024 18:21

Tgt Ion: 50 Resp: 70160
 Ion Ratio Lower Upper
 50 100
 52 32.2 21.6 40.2





#5

Vinyl chloride

Concen: 13.917 ug/L

RT: 2.375 min Scan# 80

Delta R.T. -0.000 min

Lab File: VW030052.D

Acq: 27 Aug 2024 18:21

Instrument :

MSVOA_W

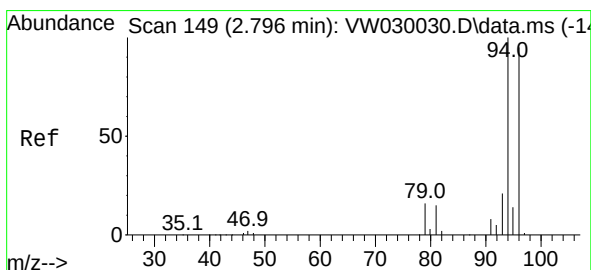
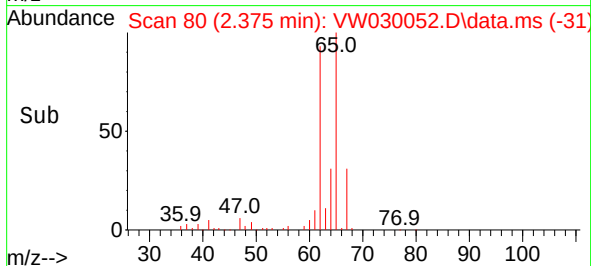
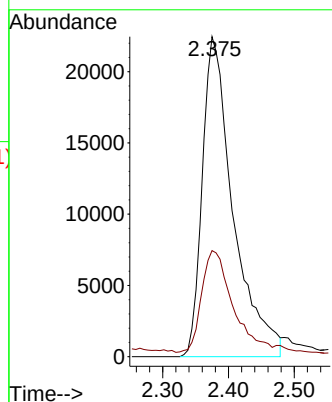
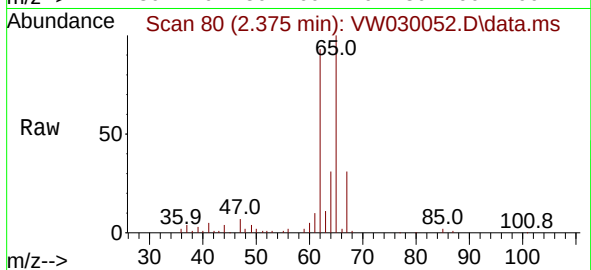
ClientSampleId :

Tgt Ion: 62 Resp: 73212

Ion Ratio Lower Upper

62 100

64 33.2 24.4 45.4



#6

Bromomethane

Concen: 13.958 ug/L

RT: 2.789 min Scan# 148

Delta R.T. -0.006 min

Lab File: VW030052.D

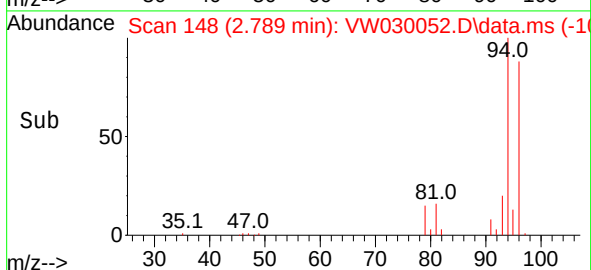
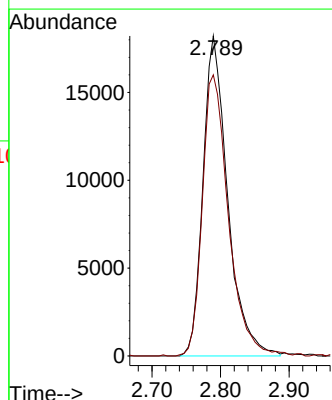
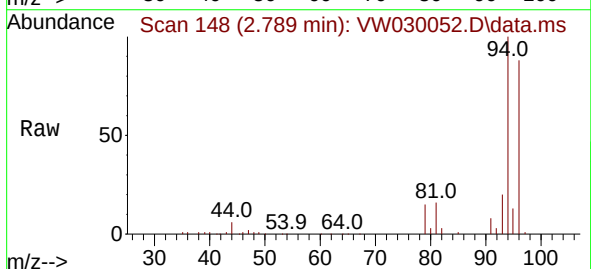
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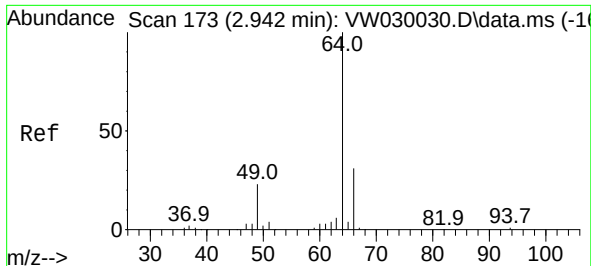
Tgt Ion: 94 Resp: 45633

Ion Ratio Lower Upper

94 100

96 87.8 62.4 115.8

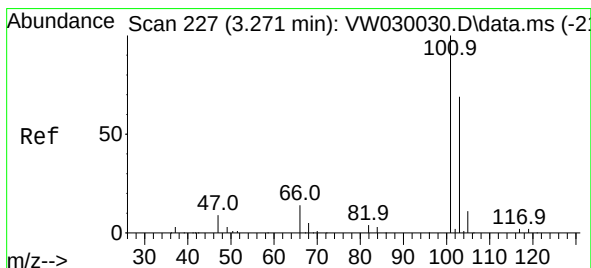
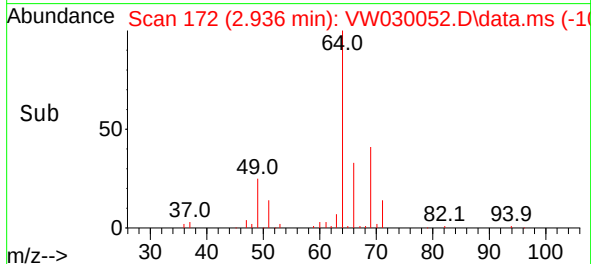
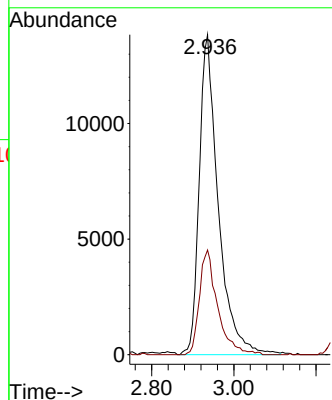
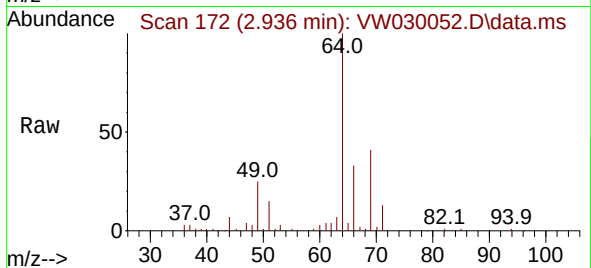




#8
Chloroethane
Concen: 14.654 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW030052.D
Acq: 27 Aug 2024 18:21

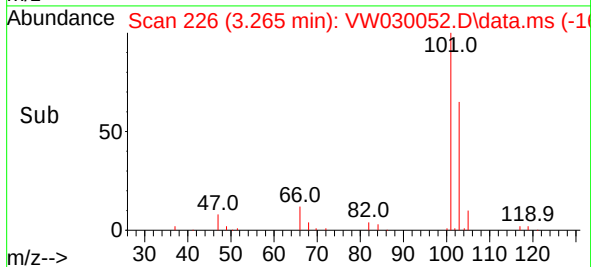
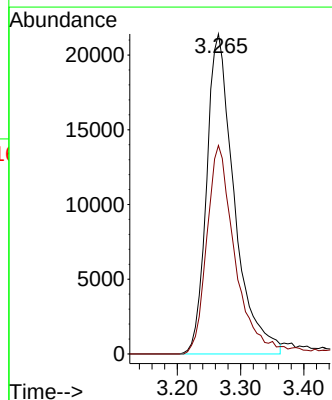
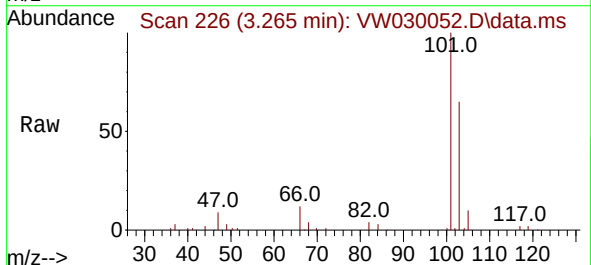
Instrument :
MSVOA_W
ClientSampleId :

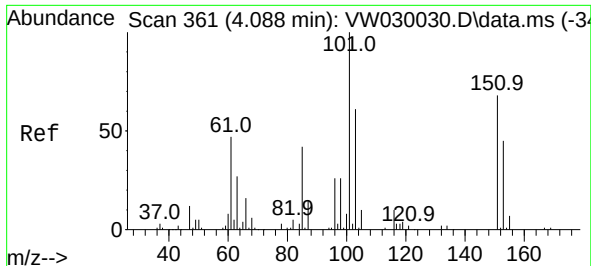
Tgt Ion: 64 Resp: 44423
Ion Ratio Lower Upper
64 100
66 32.7 21.7 40.3



#9
Trichlorofluoromethane
Concen: 14.258 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW030052.D
Acq: 27 Aug 2024 18:21

Tgt Ion:101 Resp: 64954
Ion Ratio Lower Upper
101 100
103 64.6 50.7 76.1





#10

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

Concen: 13.695 ug/L

RT: 4.070 min Scan# 361

Delta R.T. -0.018 min

Lab File: VW030052.D

Acq: 27 Aug 2024 18:21

Instrument :

MSVOA_W

ClientSampleId :

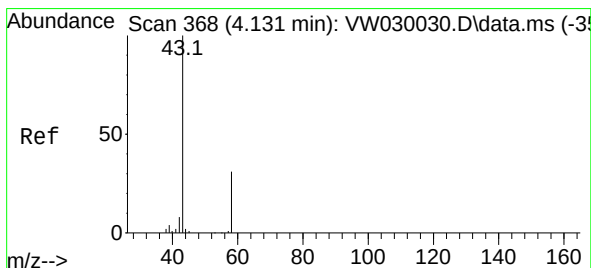
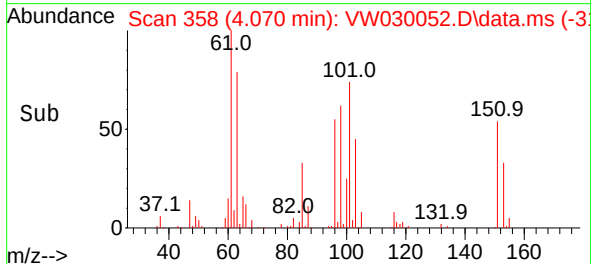
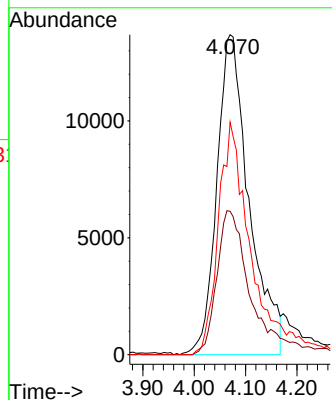
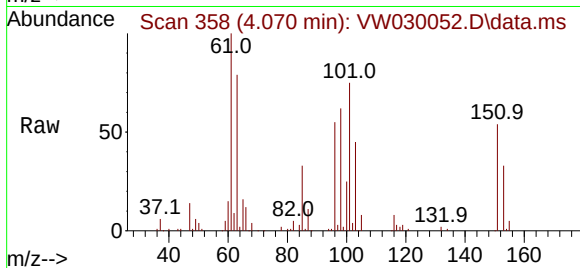
Tgt Ion:101 Resp: 59687

Ion Ratio Lower Upper

101 100

85 42.0 34.7 52.1

151 66.8 54.8 82.2



#13

Acetone

Concen: 35.878 ug/L

RT: 4.137 min Scan# 369

Delta R.T. 0.006 min

Lab File: VW030052.D

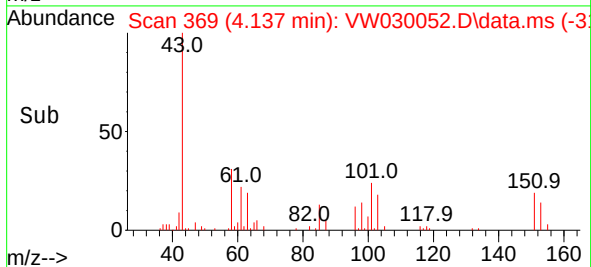
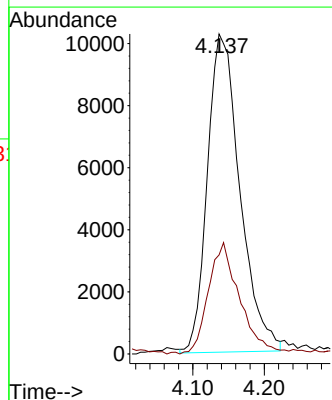
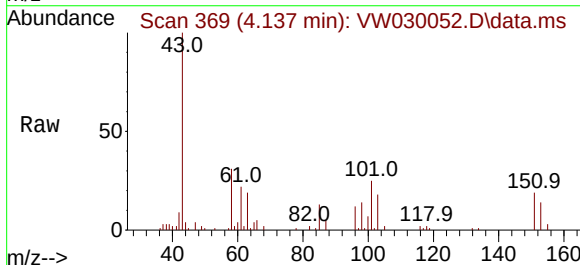
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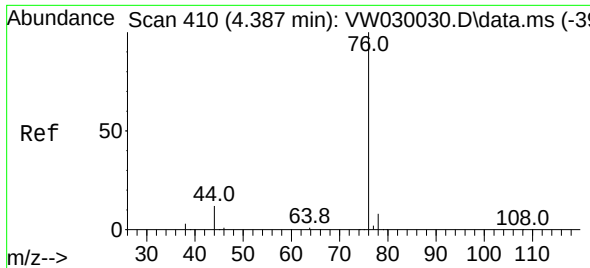
Tgt Ion: 43 Resp: 32405

Ion Ratio Lower Upper

43 100

58 33.6 0.0 66.4

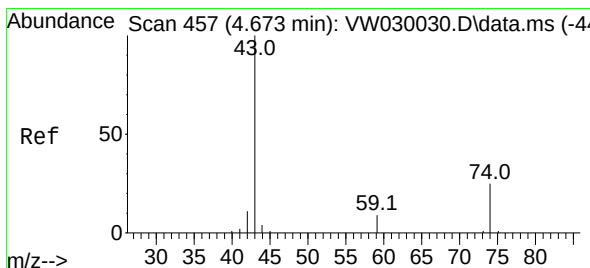
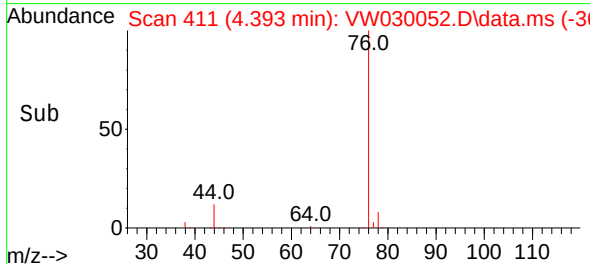
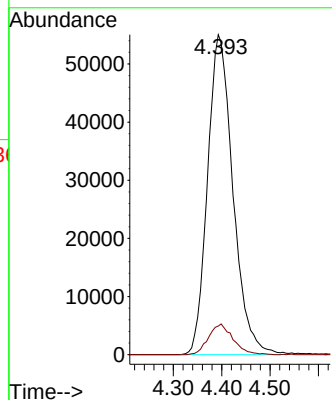
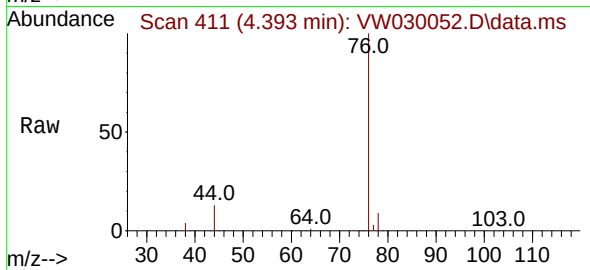




#14
Carbon disulfide
Concen: 15.163 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
Lab File: VW030052.D
Acq: 27 Aug 2024 18:21

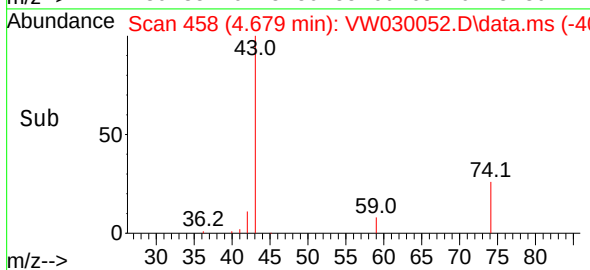
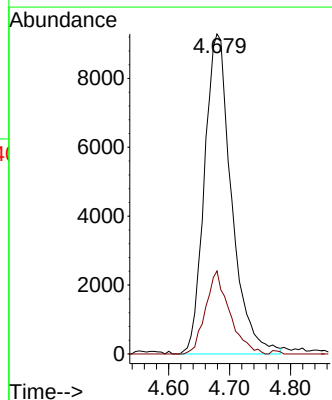
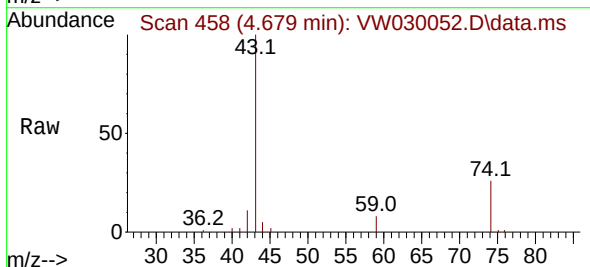
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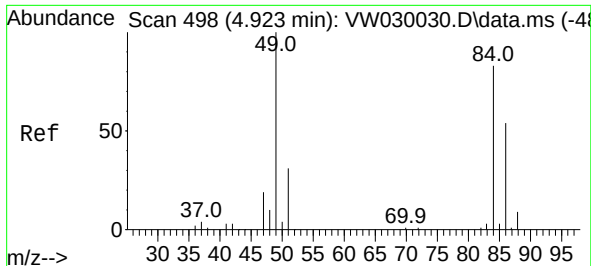
Tgt Ion: 76 Resp: 200705
Ion Ratio Lower Upper
76 100
78 8.9 6.6 9.8



#15
Methyl Acetate
Concen: 16.264 ug/L
RT: 4.679 min Scan# 458
Delta R.T. 0.006 min
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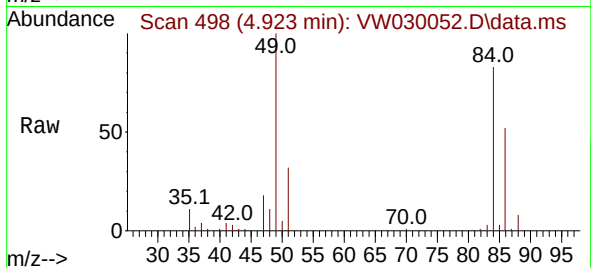
Tgt Ion: 43 Resp: 28641
Ion Ratio Lower Upper
43 100
74 23.1 19.9 29.9



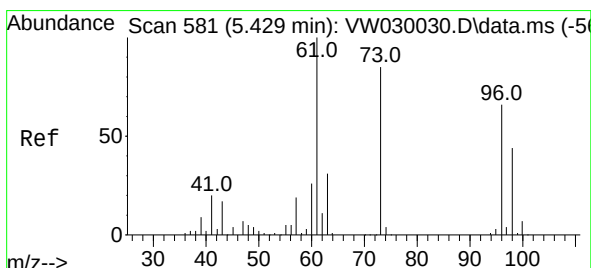
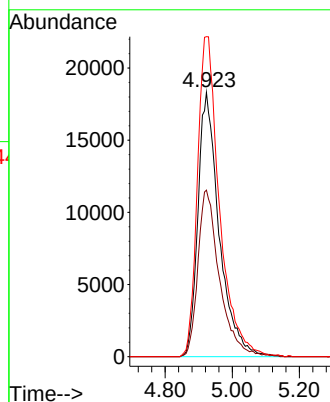
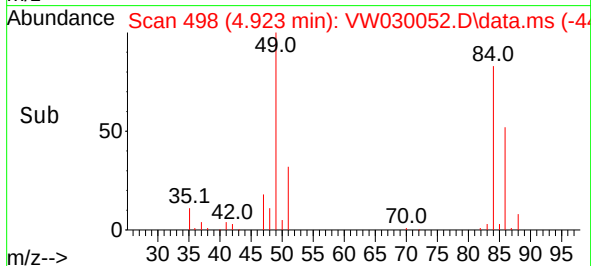


#16
Methylene chloride
Concen: 14.635 ug/L
RT: 4.923 min Scan# 498
Delta R.T. -0.000 min
Lab File: VW030052.D
Acq: 27 Aug 2024 18:21

Instrument :
MSVOA_W
ClientSampleId :

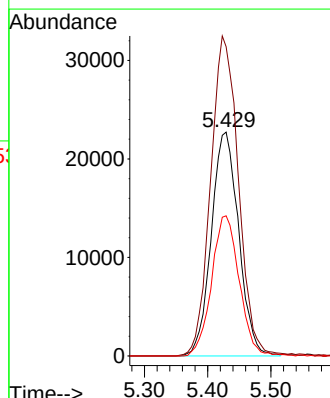
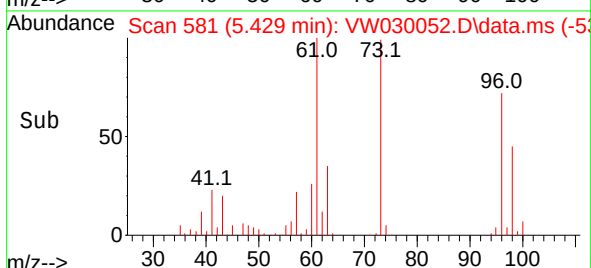
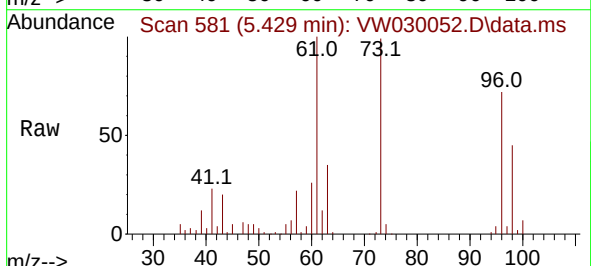


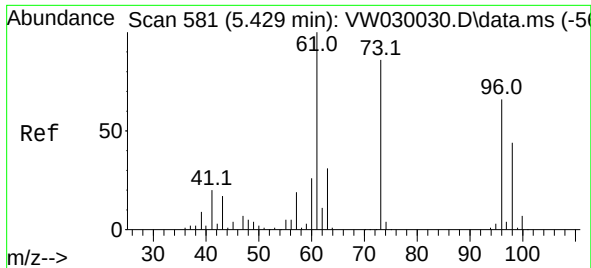
Tgt Ion: 84 Resp: 80479
Ion Ratio Lower Upper
84 100
86 63.0 44.2 82.2
49 121.0 79.9 148.3



#17
trans-1,2-Dichloroethene
Concen: 14.466 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW030052.D
Acq: 27 Aug 2024 18:21

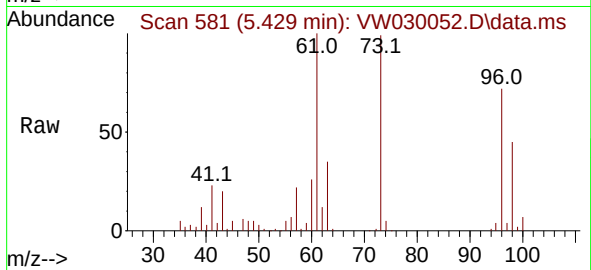
Tgt Ion: 96 Resp: 68262
Ion Ratio Lower Upper
96 100
61 138.2 98.3 182.7
98 62.6 45.3 84.1



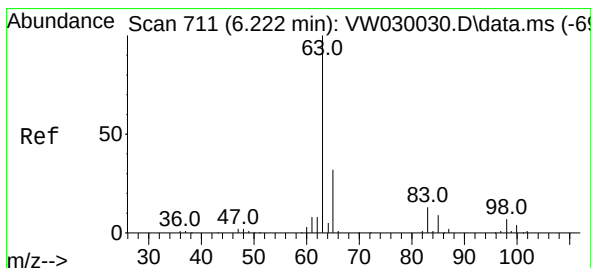
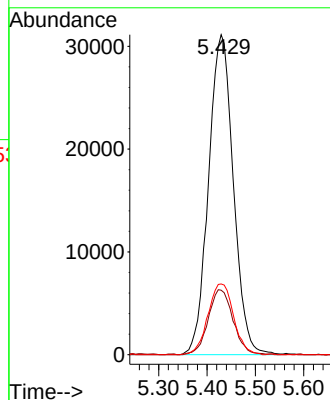
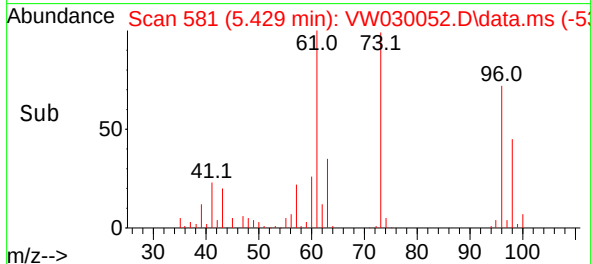


#18
Methyl tert-butyl Ether
Concen: 15.377 ug/L
RT: 5.429 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW030052.D
Acq: 27 Aug 2024 18:21

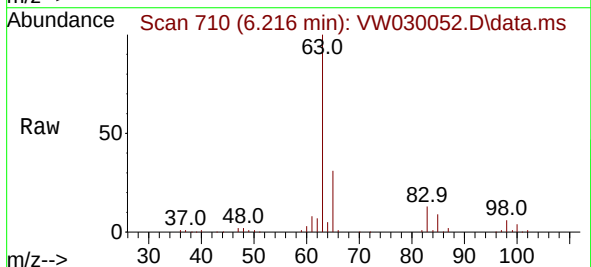
Instrument :
MSVOA_W
ClientSampleId :



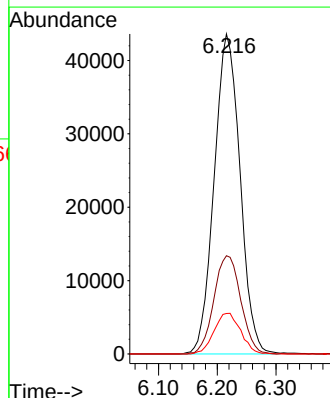
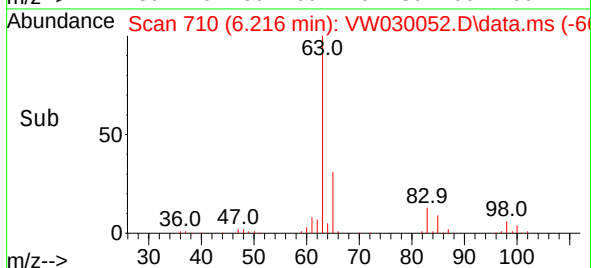
Tgt Ion: 73 Resp: 110968
Ion Ratio Lower Upper
73 100
43 20.3 15.4 23.2
57 22.8 17.4 26.0

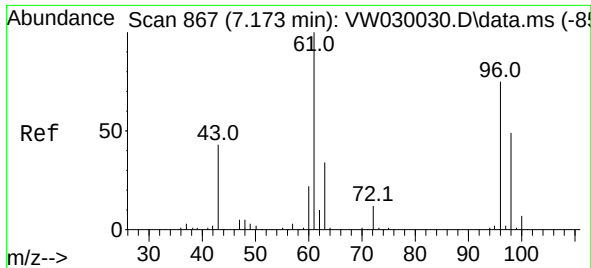


#19
1,1-Dichloroethane
Concen: 15.191 ug/L
RT: 6.216 min Scan# 710
Delta R.T. -0.006 min
Lab File: VW030052.D
Acq: 27 Aug 2024 18:21



Tgt Ion: 63 Resp: 133210
Ion Ratio Lower Upper
63 100
65 30.7 21.6 40.0
83 12.6 9.7 17.9





#20

cis-1,2-Dichloroethene

Concen: 14.148 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW030052.D

Acq: 27 Aug 2024 18:21

Instrument :

MSVOA_W

ClientSampleId :

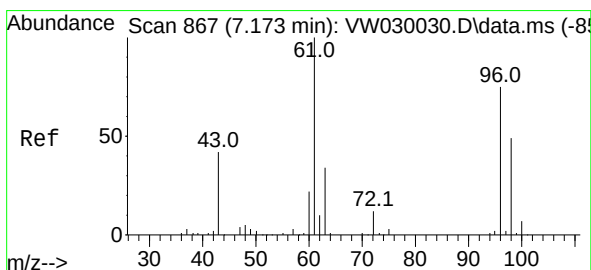
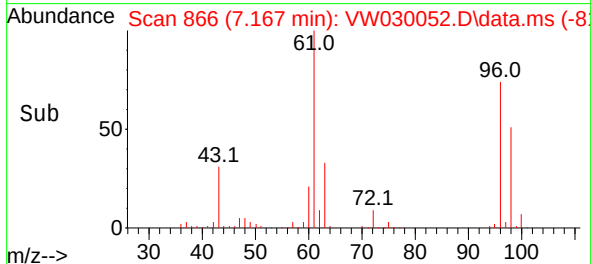
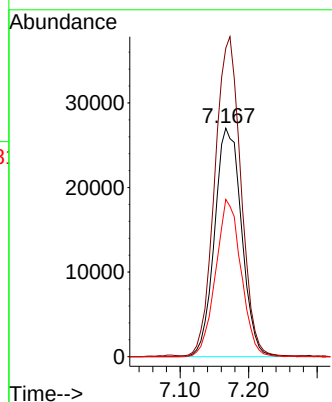
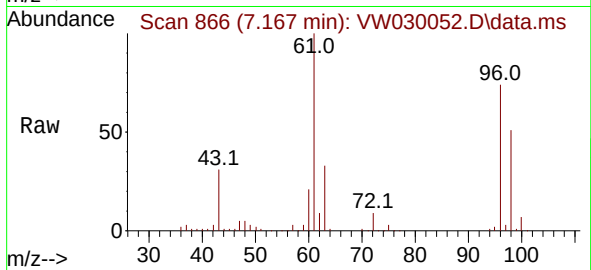
Tgt Ion: 96 Resp: 73792

Ion Ratio Lower Upper

96 100

61 135.1 99.6 185.0

98 68.9 46.5 86.5



#22

2-Butanone

Concen: 29.625 ug/L

RT: 7.179 min Scan# 868

Delta R.T. 0.006 min

Lab File: VW030052.D

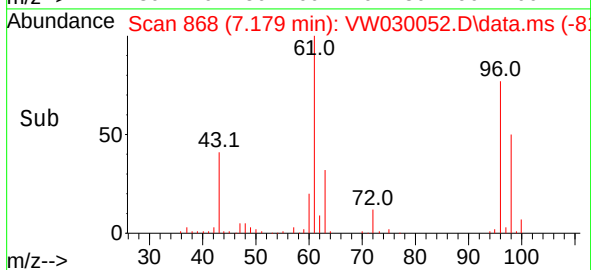
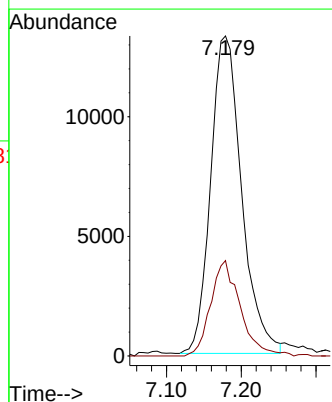
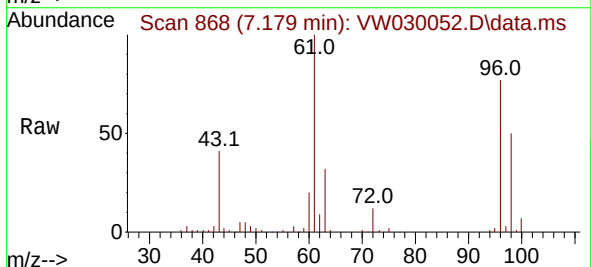
Acq: 27 Aug 2024 18:21

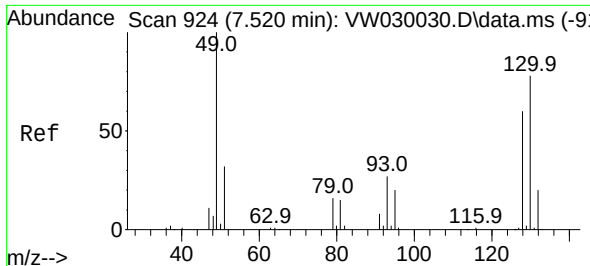
Tgt Ion: 43 Resp: 38289

Ion Ratio Lower Upper

43 100

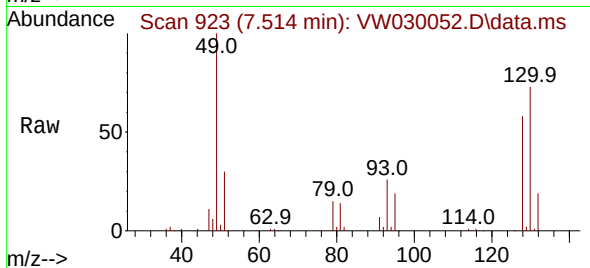
72 28.4 15.0 45.1





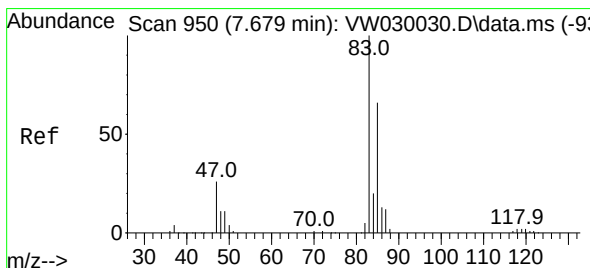
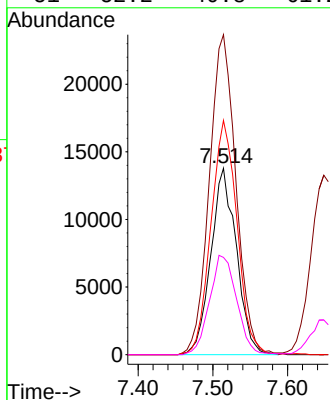
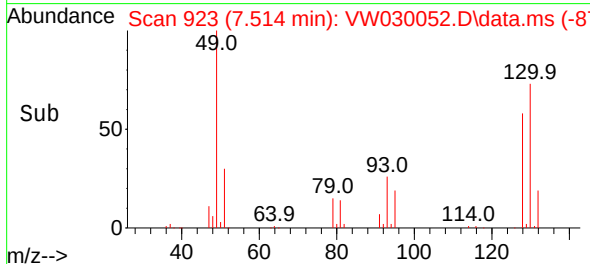
#23
Bromochloromethane
Concen: 14.798 ug/L
RT: 7.514 min Scan# 91
Delta R.T. -0.006 min
Lab File: VW030052.D
Acq: 27 Aug 2024 18:21

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:128 Resp: 32737

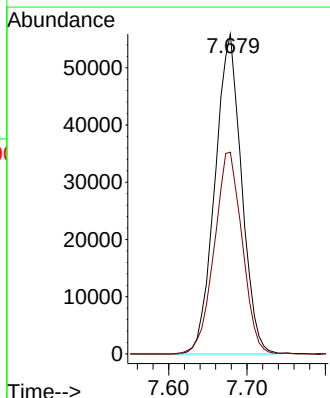
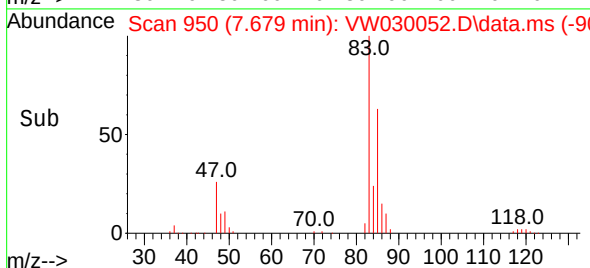
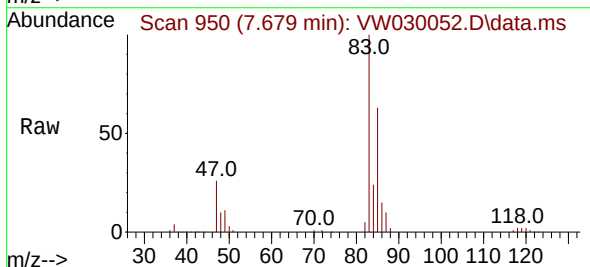
Ion	Ratio	Lower	Upper
128	100		
49	171.7	117.3	217.9
130	125.7	89.3	165.9
51	52.2	40.8	61.2

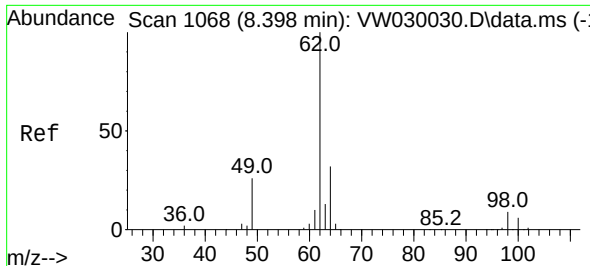


#25
Chloroform
Concen: 14.681 ug/L
RT: 7.679 min Scan# 950
Delta R.T. -0.000 min
Lab File: VW030052.D
Acq: 27 Aug 2024 18:21

Tgt Ion: 83 Resp: 131683

Ion	Ratio	Lower	Upper
83	100		
85	63.1	44.4	82.4





#27

1,2-Dichloroethane

Concen: 15.386 ug/L

RT: 8.398 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW030052.D

Acq: 27 Aug 2024 18:21

Instrument :

MSVOA_W

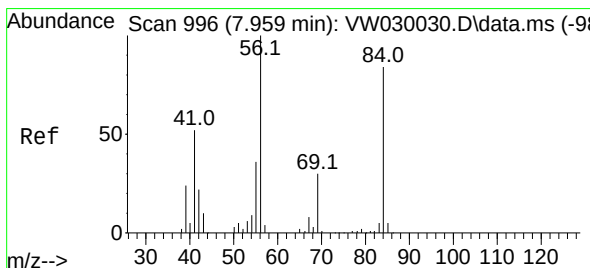
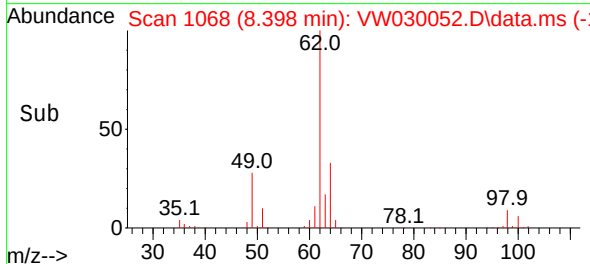
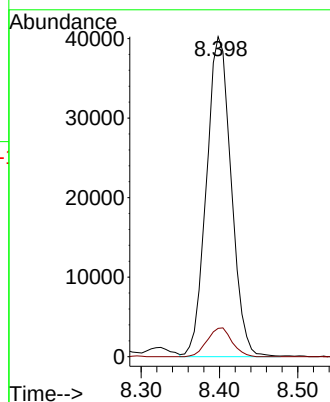
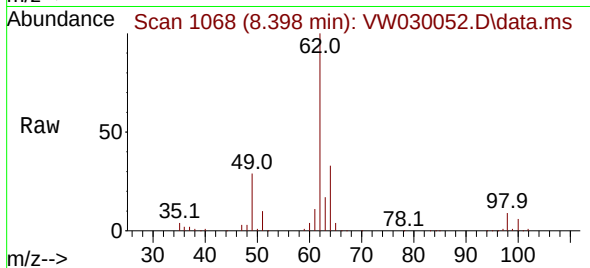
ClientSampleId :

Tgt Ion: 62 Resp: 88335

Ion Ratio Lower Upper

62 100

98 8.9 7.7 11.5



#29

Cyclohexane

Concen: 14.980 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

Lab File: VW030052.D

Acq: 27 Aug 2024 18:21

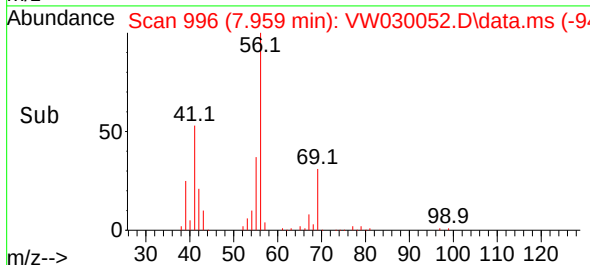
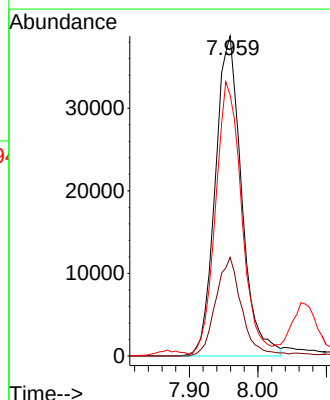
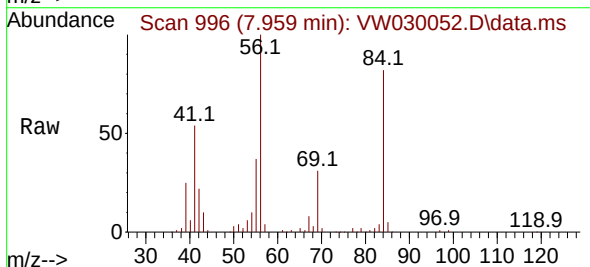
Tgt Ion: 56 Resp: 103094

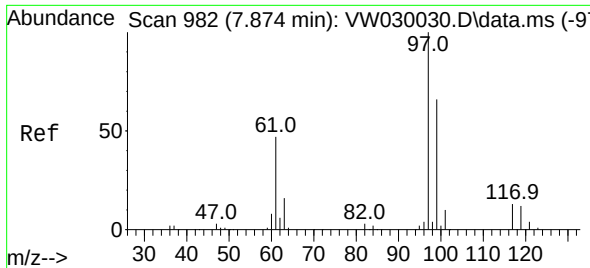
Ion Ratio Lower Upper

56 100

69 30.3 24.4 36.6

84 84.9 68.1 102.1

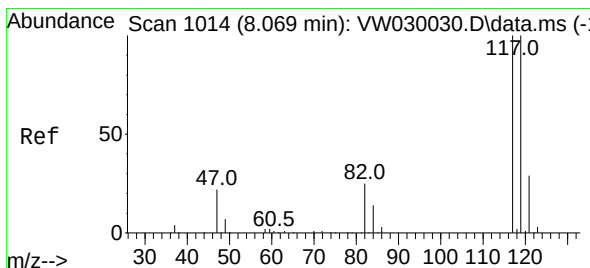
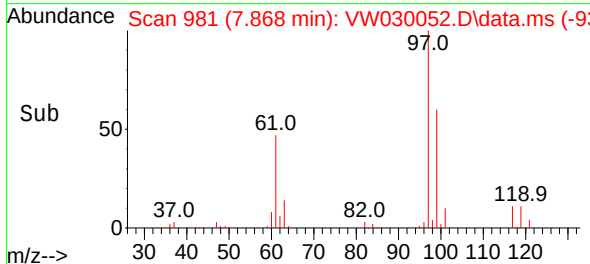
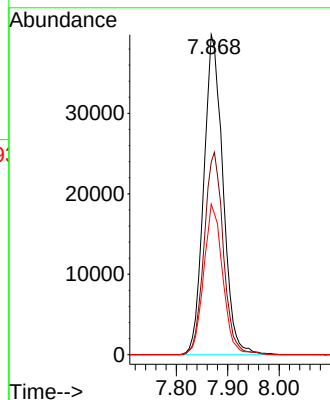
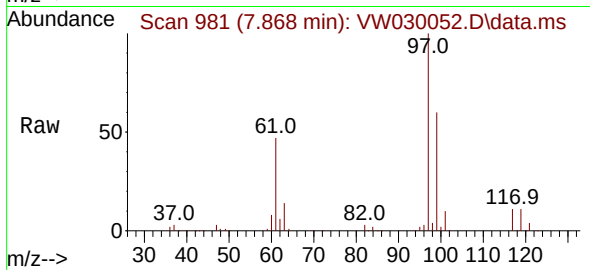




#30
1,1,1-Trichloroethane
Concen: 15.445 ug/L
RT: 7.868 min Scan# 982
Delta R.T. -0.006 min
Lab File: VW030052.D
Acq: 27 Aug 2024 18:21

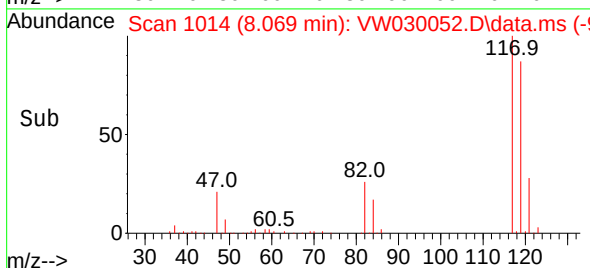
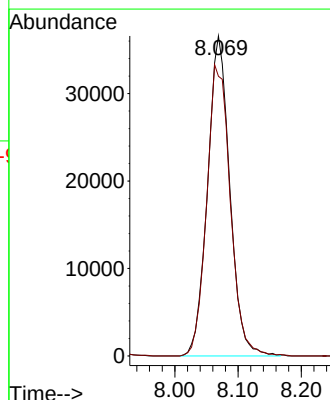
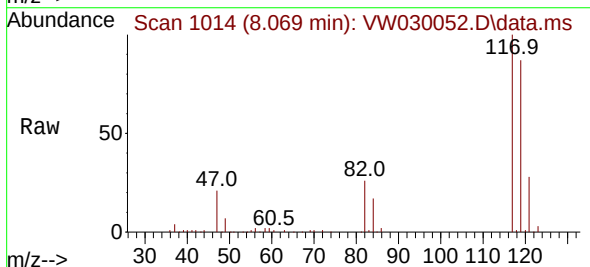
Instrument :
MSVOA_W
ClientSampleId :

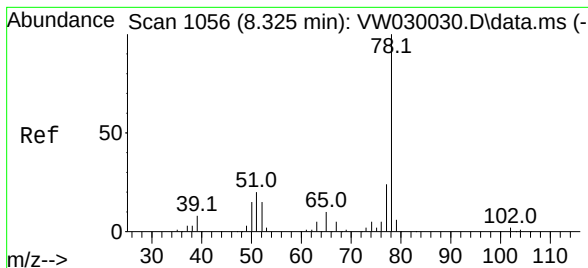
Tgt Ion: 97 Resp: 103107
Ion Ratio Lower Upper
97 100
99 63.3 51.7 77.5
61 46.1 37.2 55.8



#31
Carbon tetrachloride
Concen: 14.917 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW030052.D
Acq: 27 Aug 2024 18:21

Tgt Ion: 117 Resp: 89467
Ion Ratio Lower Upper
117 100
119 96.6 77.7 116.5





#33

Benzene

Concen: 15.734 ug/L

RT: 8.325 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW030052.D

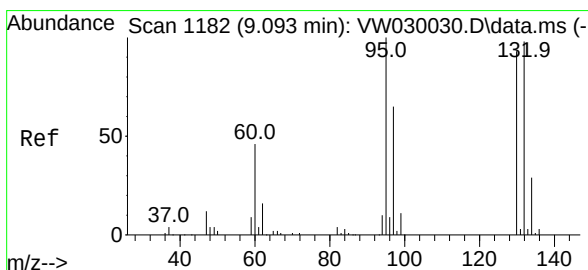
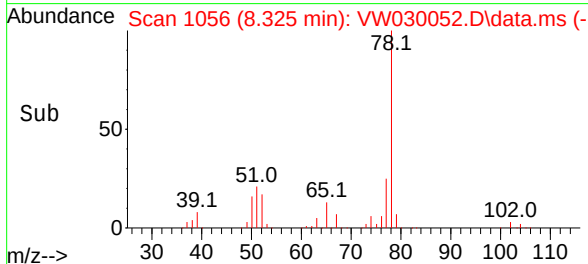
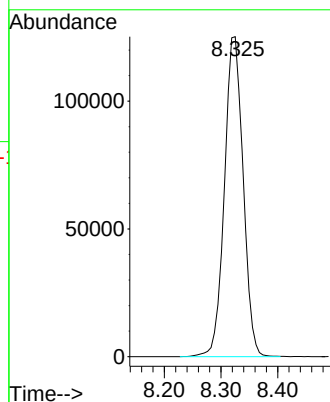
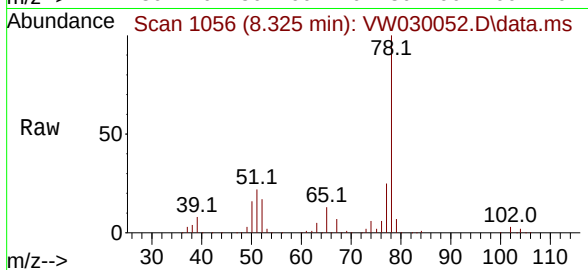
Acq: 27 Aug 2024 18:21

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 78 Resp: 287320



#34

Trichloroethene

Concen: 15.097 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW030052.D

Acq: 27 Aug 2024 18:21

Tgt Ion: 95 Resp: 74232

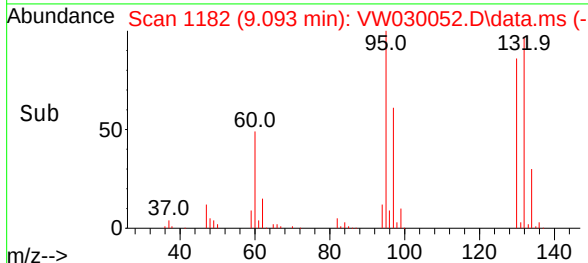
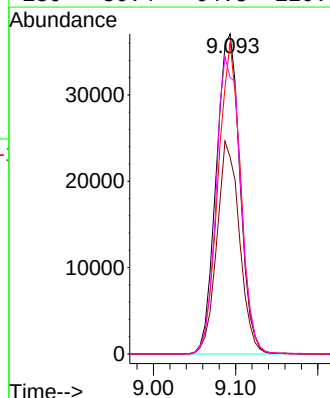
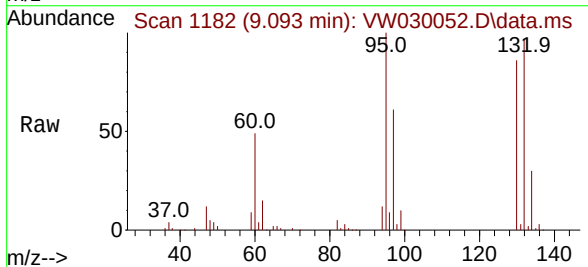
Ion Ratio Lower Upper

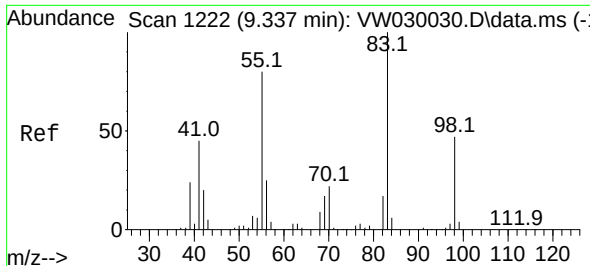
95 100

97 61.5 43.3 80.5

132 97.2 63.6 118.0

130 86.4 64.8 120.3





#35

Methylcyclohexane

Concen: 13.263 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW030052.D

Acq: 27 Aug 2024 18:21

Instrument :

MSVOA_W

ClientSampleId :

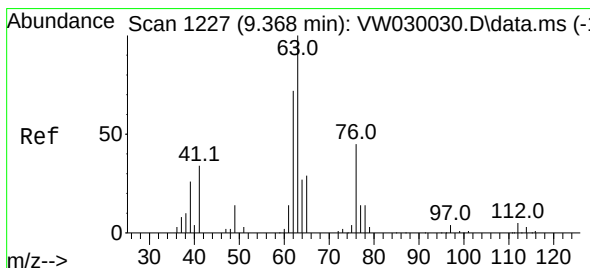
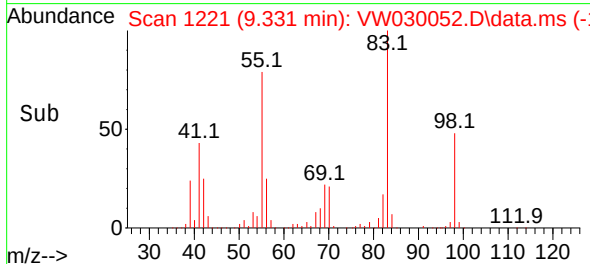
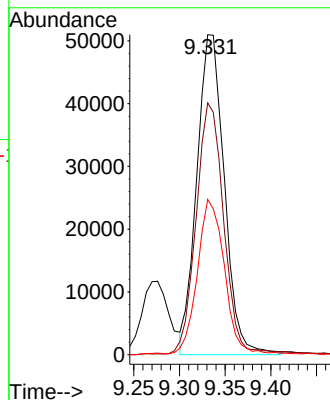
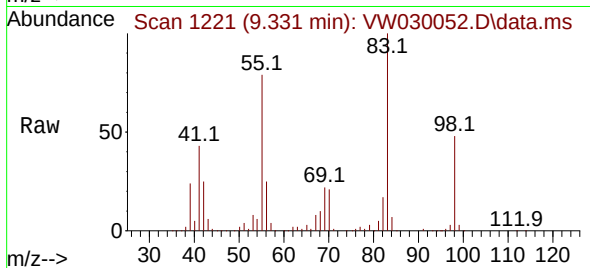
Tgt Ion: 83 Resp: 106807

Ion Ratio Lower Upper

83 100

55 77.4 59.0 88.6

98 46.8 38.2 57.4



#37

1,2-Dichloropropane

Concen: 16.338 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW030052.D

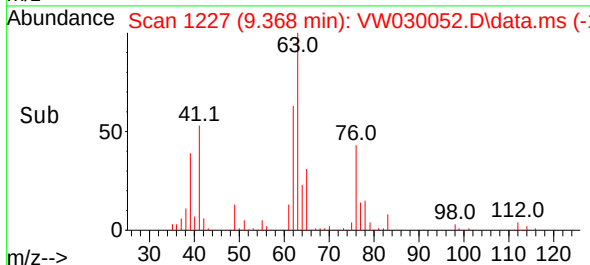
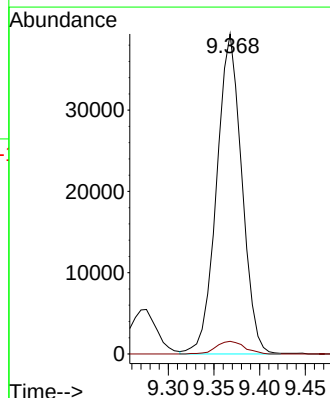
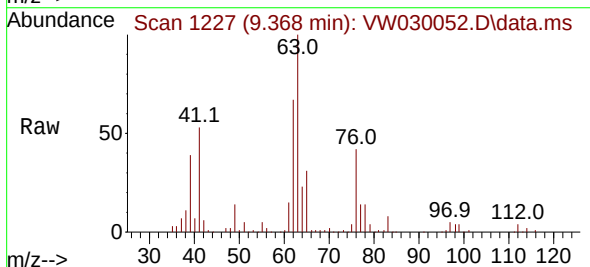
Acq: 27 Aug 2024 18:21

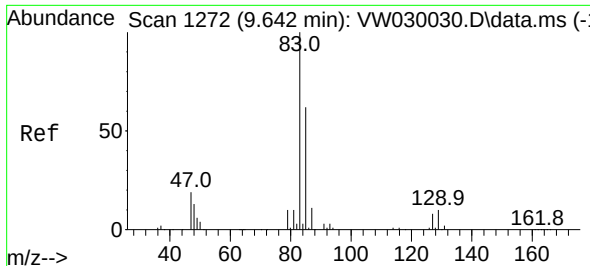
Tgt Ion: 63 Resp: 75550

Ion Ratio Lower Upper

63 100

112 4.4 3.7 5.5

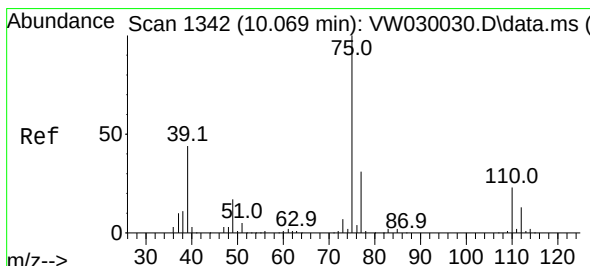
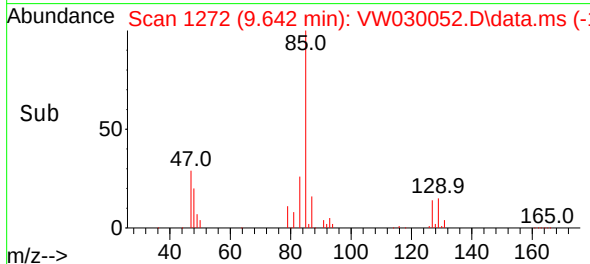
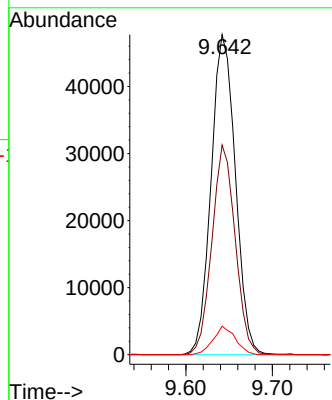
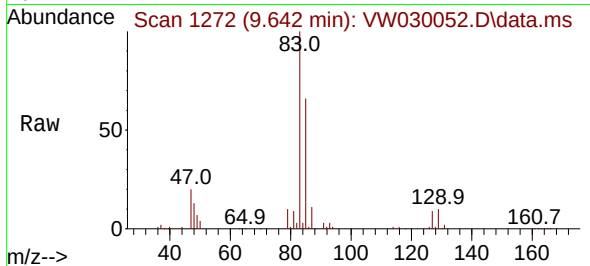




#38
Bromodichloromethane
Concen: 15.935 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VW030052.D
Acq: 27 Aug 2024 18:21

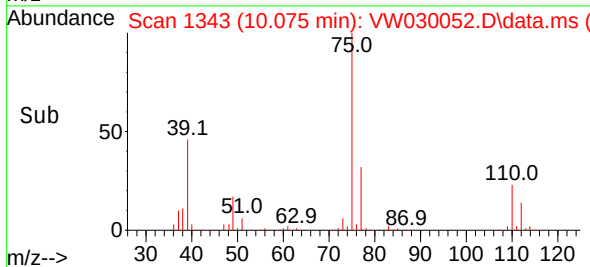
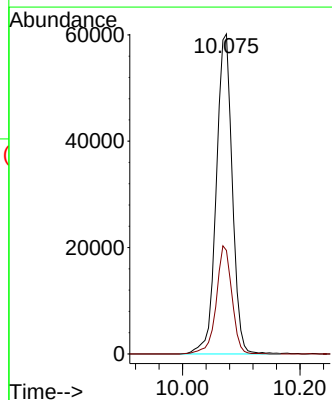
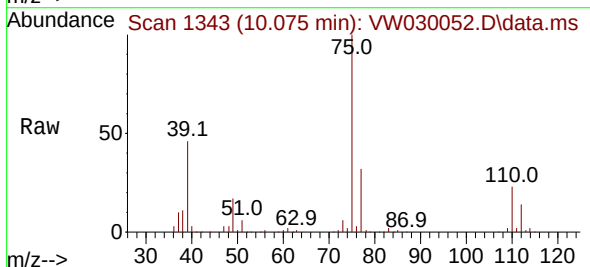
Instrument :
MSVOA_W
ClientSampleId :

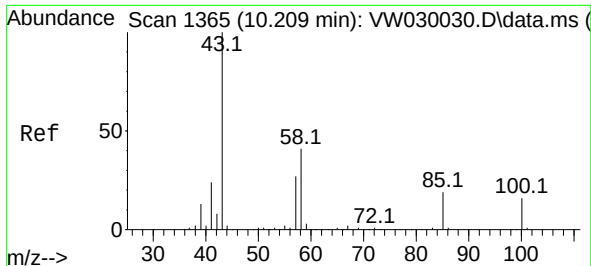
Tgt Ion: 83 Resp: 92975
Ion Ratio Lower Upper
83 100
85 65.5 42.9 79.7
127 8.9 6.6 9.8



#39
cis-1,3-Dichloropropene
Concen: 15.952 ug/L
RT: 10.075 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VW030052.D
Acq: 27 Aug 2024 18:21

Tgt Ion: 75 Resp: 113535
Ion Ratio Lower Upper
75 100
77 32.3 22.8 42.4





#40

4-Methyl-2-pentanone

Concen: 40.909 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW030052.D

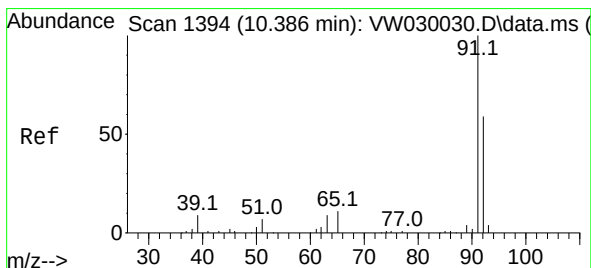
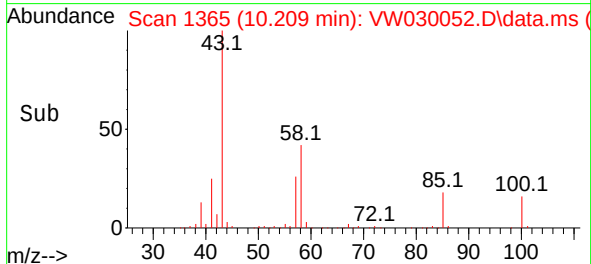
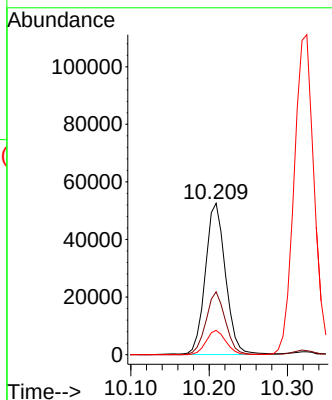
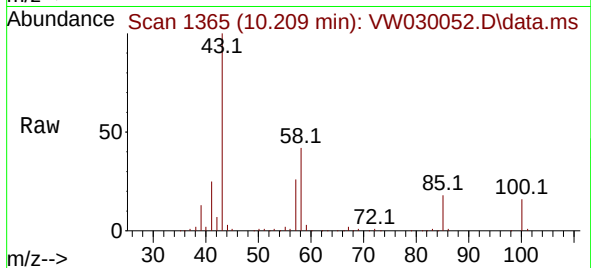
Acq: 27 Aug 2024 18:21

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	43	Resp:	94164
Ion Ratio	Lower	Upper	
43	100		
58	40.1	34.0	51.0
100	15.8	13.5	20.3



#42

Toluene

Concen: 15.434 ug/L

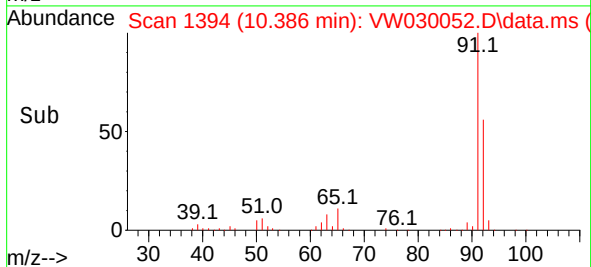
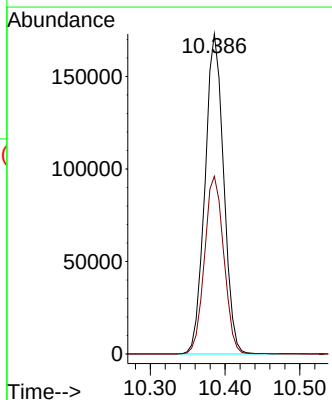
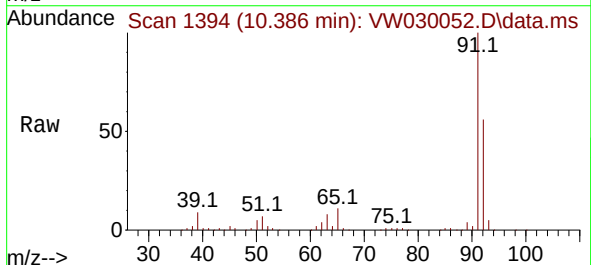
RT: 10.386 min Scan# 1394

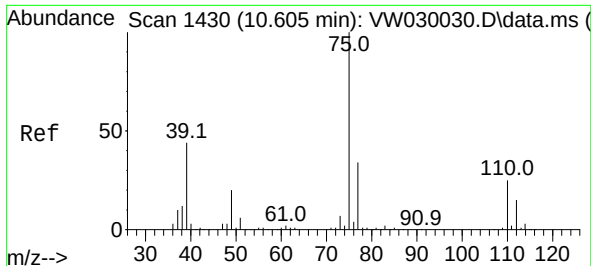
Delta R.T. -0.000 min

Lab File: VW030052.D

Acq: 27 Aug 2024 18:21

Tgt Ion:	91	Resp:	300132
Ion Ratio	Lower	Upper	
91	100		
92	55.5	39.5	73.4

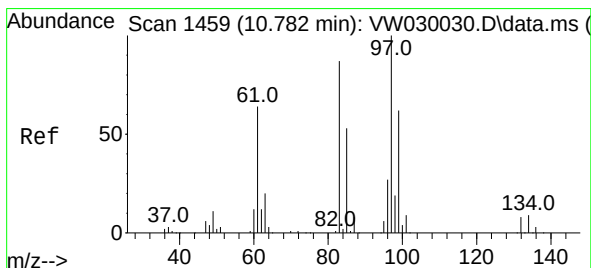
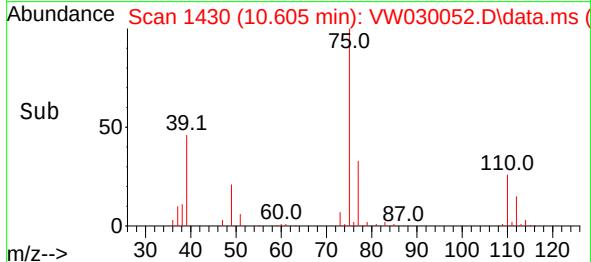
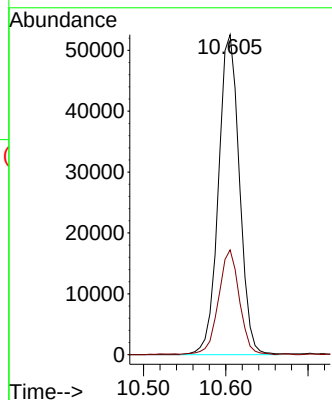
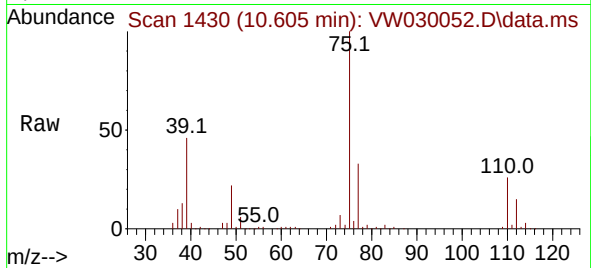




#44
trans-1,3-Dichloropropene
Concen: 16.205 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW030052.D
Acq: 27 Aug 2024 18:21

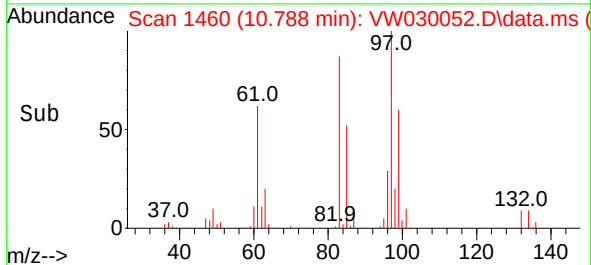
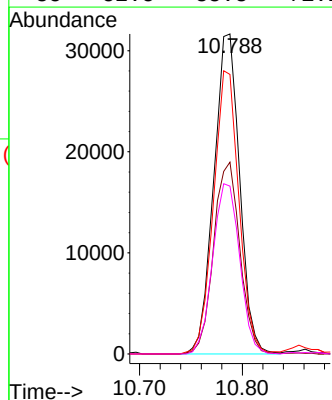
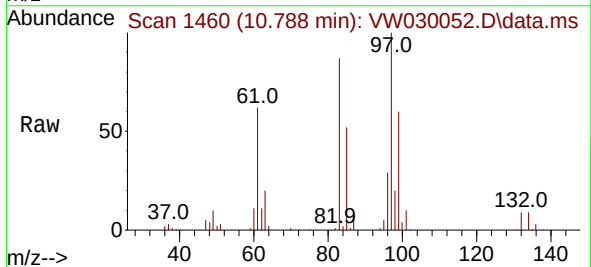
Instrument :
MSVOA_W
ClientSampleId :

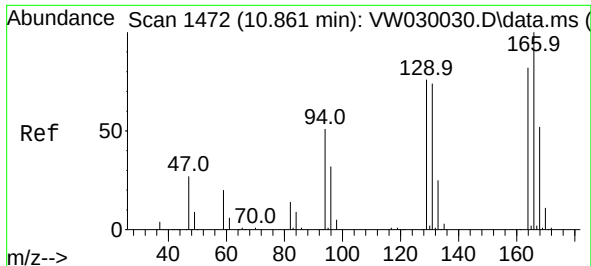
Tgt Ion: 75 Resp: 93328
Ion Ratio Lower Upper
75 100
77 32.8 22.0 40.8



#45
1,1,2-Trichloroethane
Concen: 16.324 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VW030052.D
Acq: 27 Aug 2024 18:21

Tgt Ion: 97 Resp: 55327
Ion Ratio Lower Upper
97 100
99 60.0 40.3 74.8
83 87.3 58.0 107.6
85 52.5 38.3 71.1





#46

Tetrachloroethene

Concen: 13.870 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

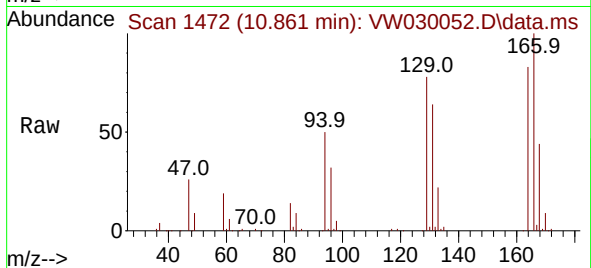
Lab File: VW030052.D

Acq: 27 Aug 2024 18:21

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:164 Resp: 51763

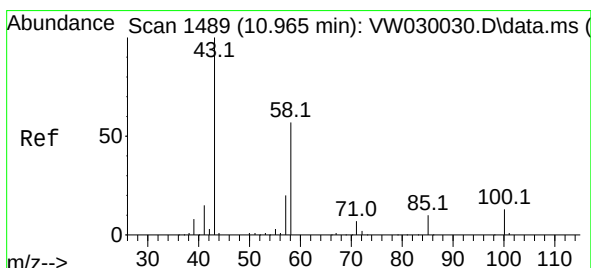
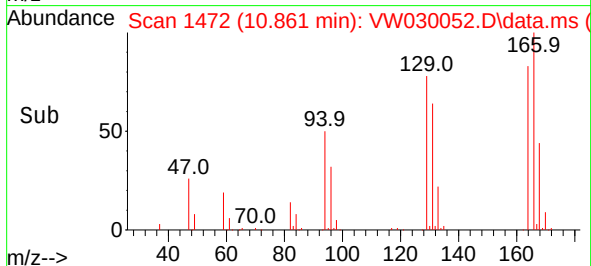
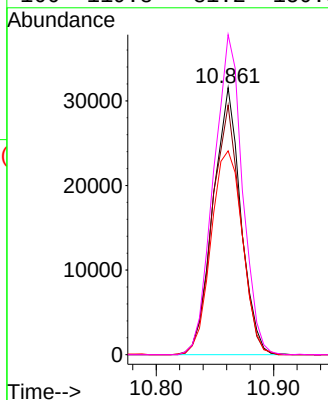
Ion Ratio Lower Upper

164 100

129 93.5 66.1 122.7

131 76.4 62.6 116.2

166 119.8 81.2 150.8



#48

2-Hexanone

Concen: 40.200 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. -0.000 min

Lab File: VW030052.D

Acq: 27 Aug 2024 18:21

Tgt Ion: 43 Resp: 65781

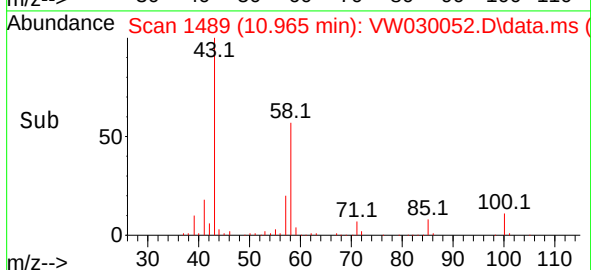
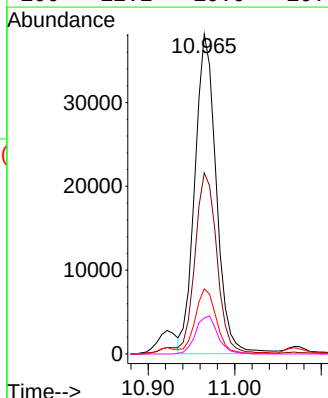
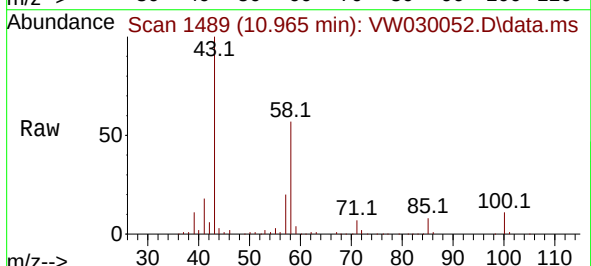
Ion Ratio Lower Upper

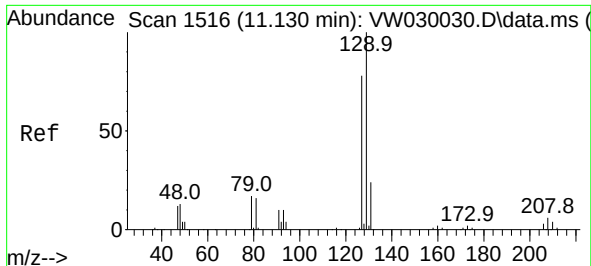
43 100

58 57.9 50.0 75.0

57 20.1 17.3 25.9

100 12.2 10.9 16.3





#49

Dibromochloromethane

Concen: 16.189 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. -0.000 min

Lab File: VW030052.D

Acq: 27 Aug 2024 18:21

Instrument :

MSVOA_W

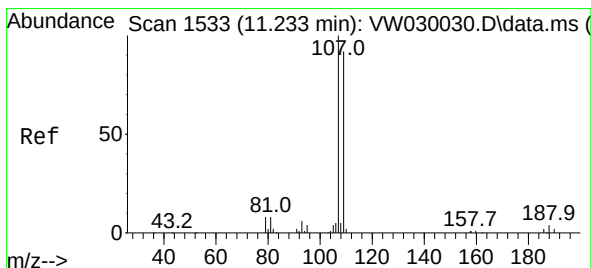
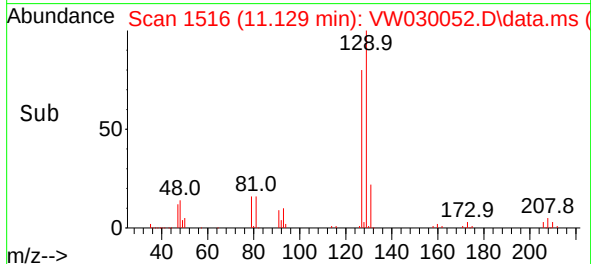
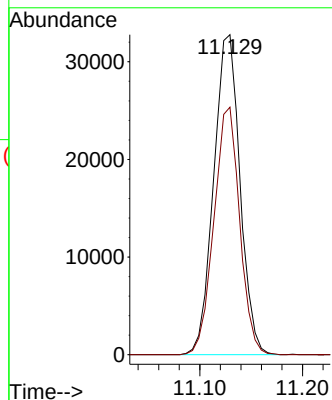
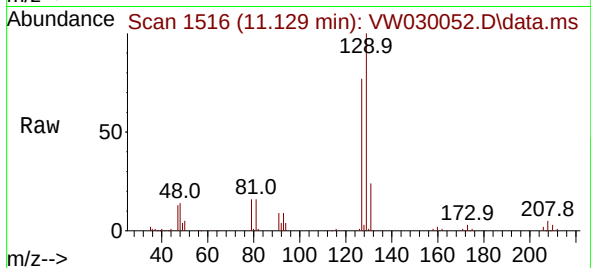
ClientSampleId :

Tgt Ion:129 Resp: 58300

Ion Ratio Lower Upper

129 100

127 77.4 51.8 96.2



#50

1,2-Dibromoethane

Concen: 16.465 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW030052.D

Acq: 27 Aug 2024 18:21

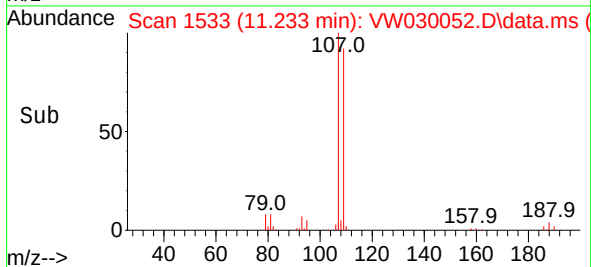
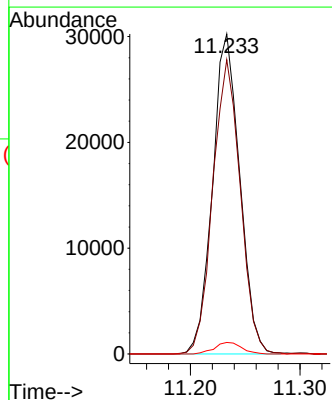
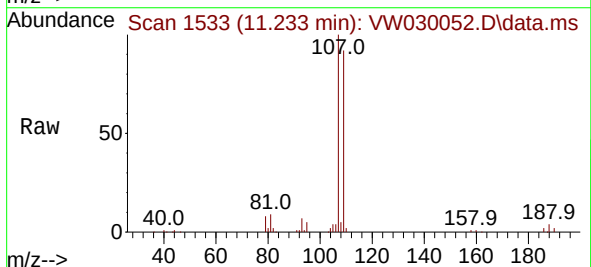
Tgt Ion:107 Resp: 52128

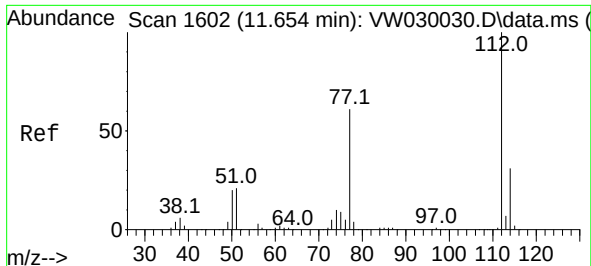
Ion Ratio Lower Upper

107 100

109 92.0 61.7 114.5

188 3.6 3.1 4.7





#51

Chlorobenzene

Concen: 14.308 ug/L

RT: 11.654 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW030052.D

Acq: 27 Aug 2024 18:21

Instrument :

MSVOA_W

ClientSampleId :

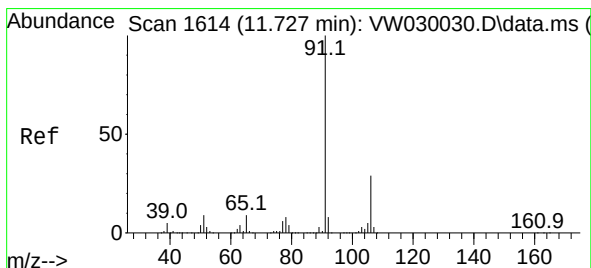
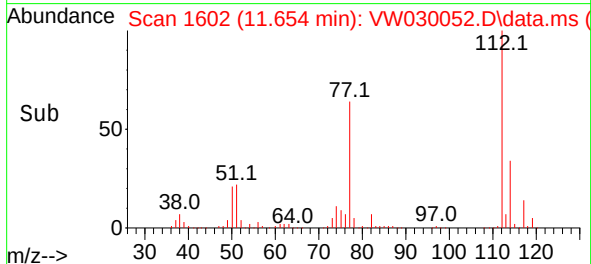
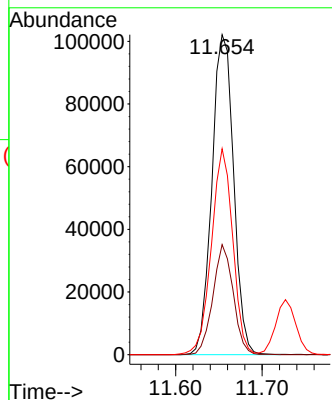
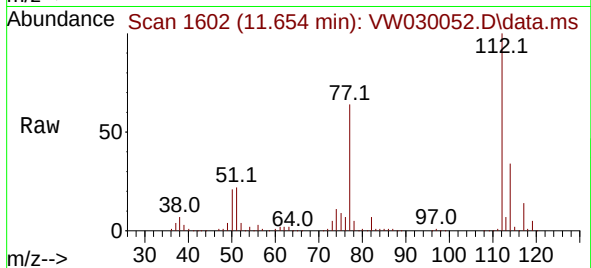
Tgt Ion:112 Resp: 177902

Ion Ratio Lower Upper

112 100

114 34.4 20.9 38.9

77 64.4 47.1 70.7



#52

Ethylbenzene

Concen: 14.708 ug/L

RT: 11.727 min Scan# 1614

Delta R.T. -0.000 min

Lab File: VW030052.D

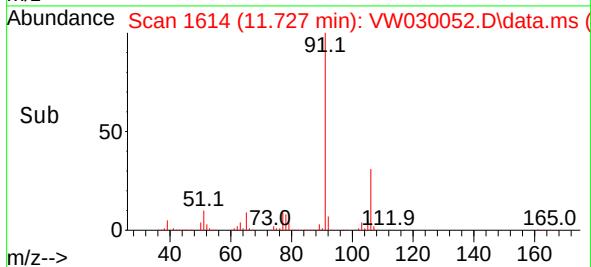
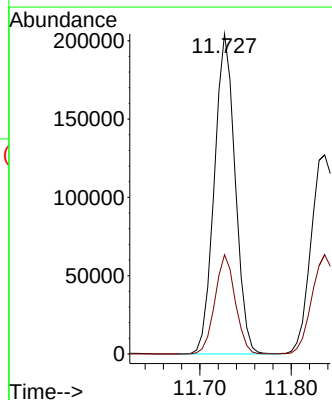
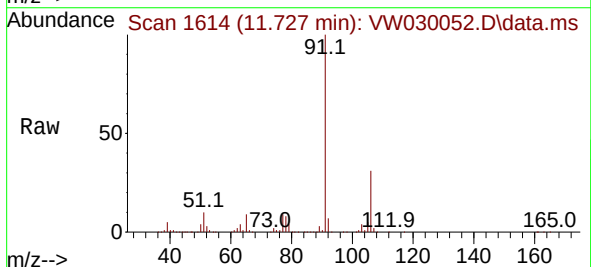
Acq: 27 Aug 2024 18:21

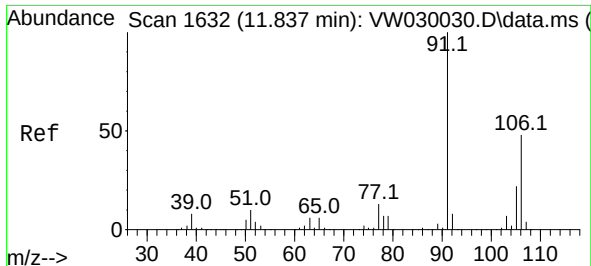
Tgt Ion: 91 Resp: 324076

Ion Ratio Lower Upper

91 100

106 31.0 22.0 41.0





#53

m,p-Xylene

Concen: 14.436 ug/L

RT: 11.837 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW030052.D

Acq: 27 Aug 2024 18:21

Instrument :

MSVOA_W

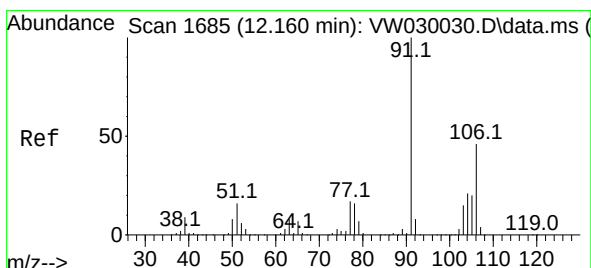
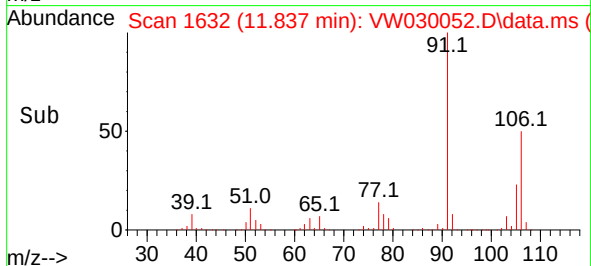
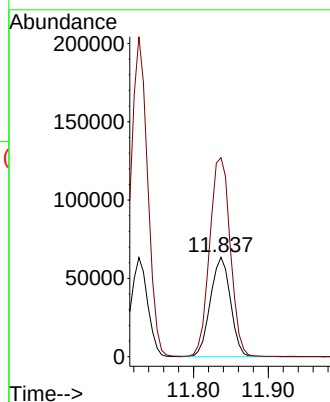
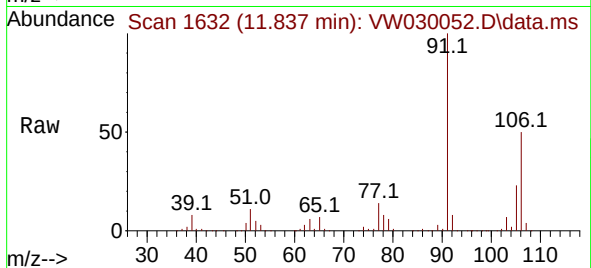
ClientSampleId :

Tgt Ion:106 Resp: 118702

Ion Ratio Lower Upper

106 100

91 200.2 146.7 272.4



#54

o-Xylene

Concen: 14.102 ug/L

RT: 12.160 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VW030052.D

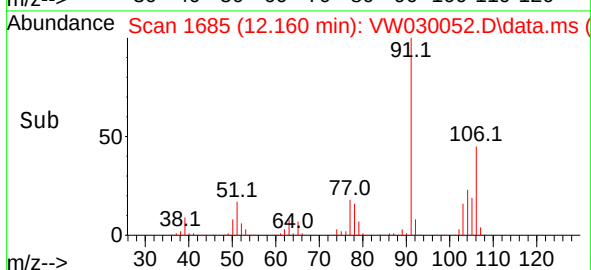
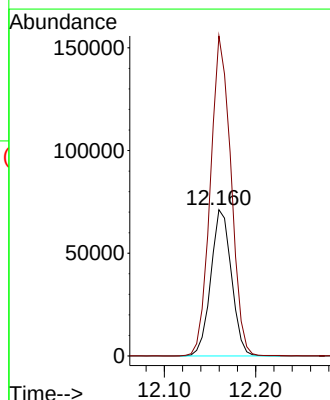
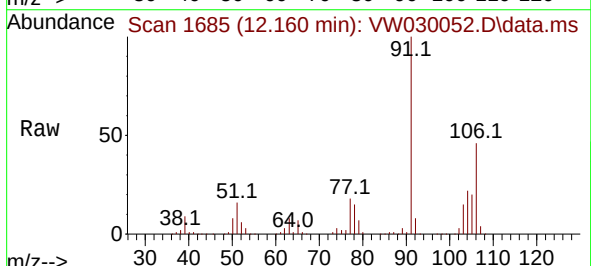
Acq: 27 Aug 2024 18:21

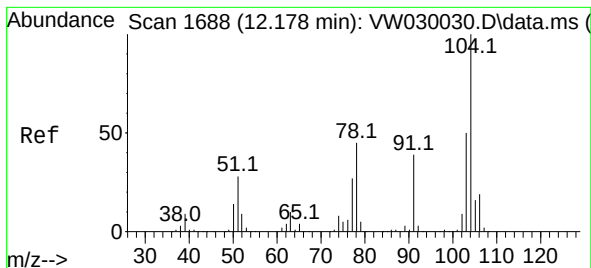
Tgt Ion:106 Resp: 111298

Ion Ratio Lower Upper

106 100

91 218.7 153.9 285.7





#55

Styrene

Concen: 14.169 ug/L

RT: 12.178 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW030052.D

Acq: 27 Aug 2024 18:21

Instrument :

MSVOA_W

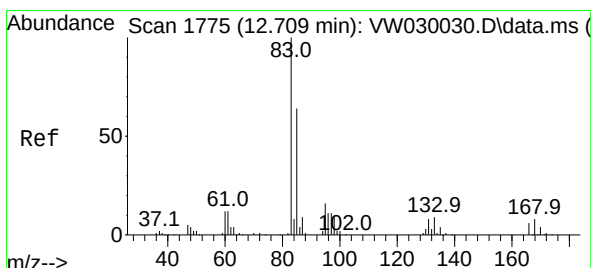
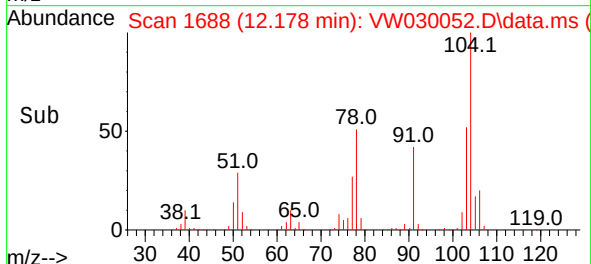
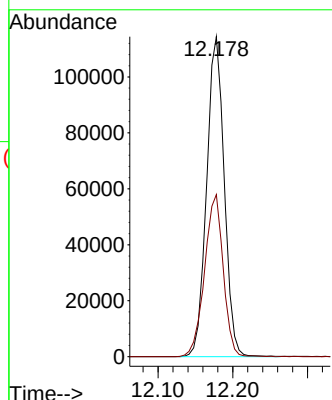
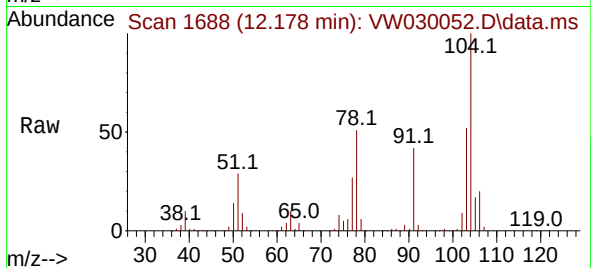
ClientSampleId :

Tgt Ion:104 Resp: 187363

Ion Ratio Lower Upper

104 100

78 50.7 32.8 60.8



#57

1,1,2,2-Tetrachloroethane

Concen: 17.343 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VW030052.D

Acq: 27 Aug 2024 18:21

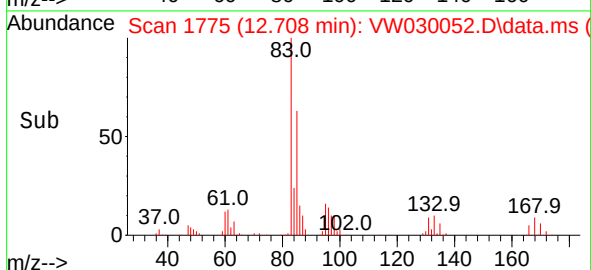
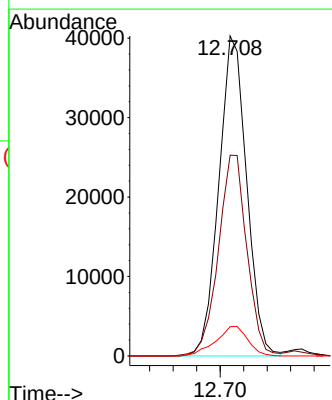
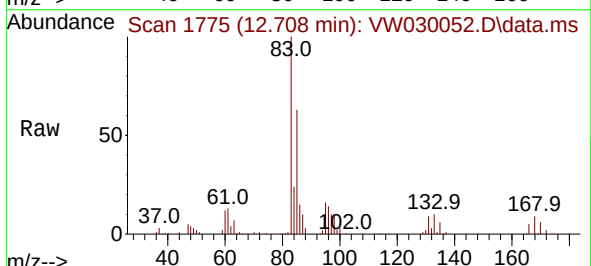
Tgt Ion: 83 Resp: 66193

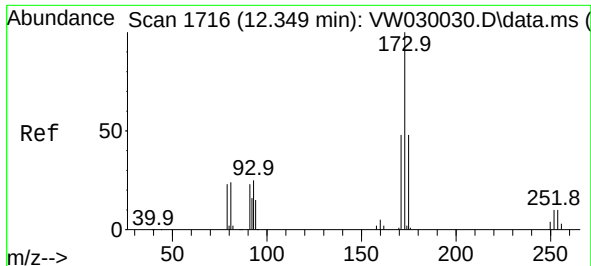
Ion Ratio Lower Upper

83 100

85 62.7 44.0 81.8

131 9.1 7.3 10.9





#59

Bromoform

Concen: 18.088 ug/L

RT: 12.349 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW030052.D

Acq: 27 Aug 2024 18:21

Instrument :

MSVOA_W

ClientSampleId :

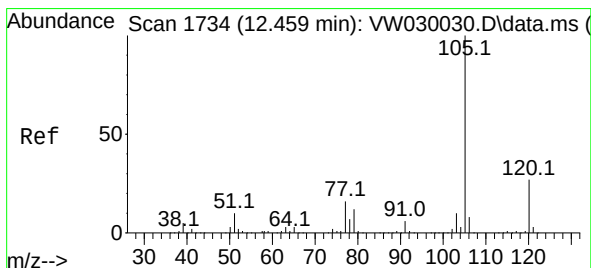
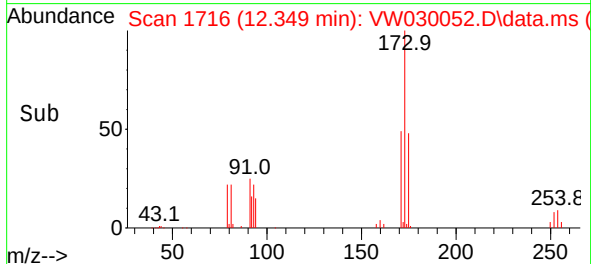
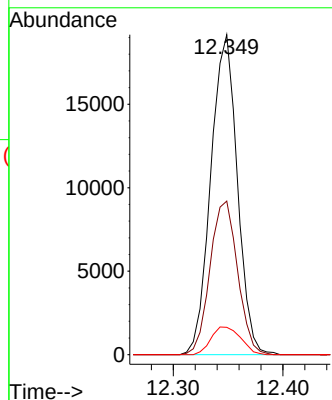
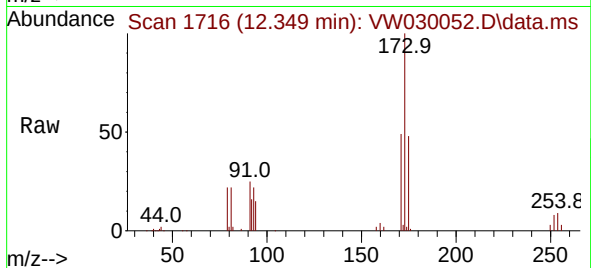
Tgt Ion:173 Resp: 32219

Ion Ratio Lower Upper

173 100

175 49.9 41.4 62.2

254 9.7 8.6 13.0



#60

Isopropylbenzene

Concen: 15.339 ug/L

RT: 12.458 min Scan# 1734

Delta R.T. -0.000 min

Lab File: VW030052.D

Acq: 27 Aug 2024 18:21

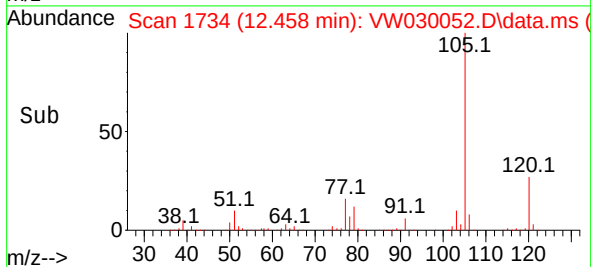
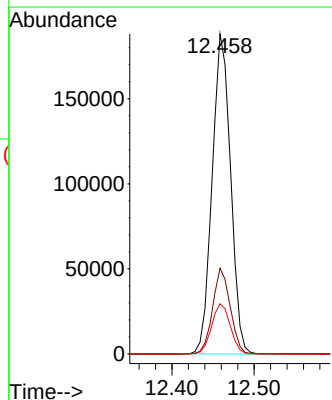
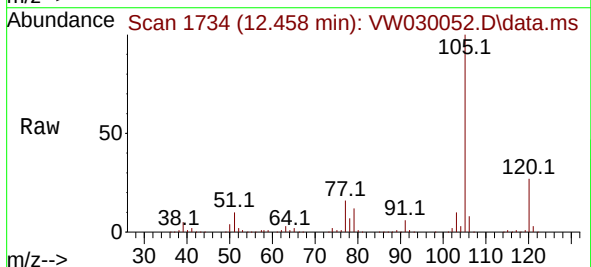
Tgt Ion:105 Resp: 292708

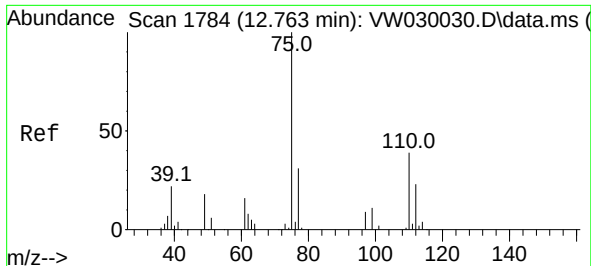
Ion Ratio Lower Upper

105 100

120 25.5 20.6 30.8

77 15.9 12.6 18.8





#61

1,2,3-Trichloropropane

Concen: 19.692 ug/L

RT: 12.763 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW030052.D

Acq: 27 Aug 2024 18:21

Instrument :

MSVOA_W

ClientSampleId :

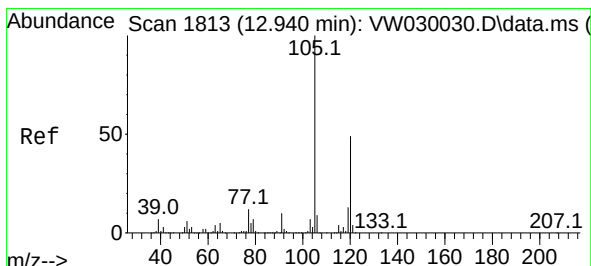
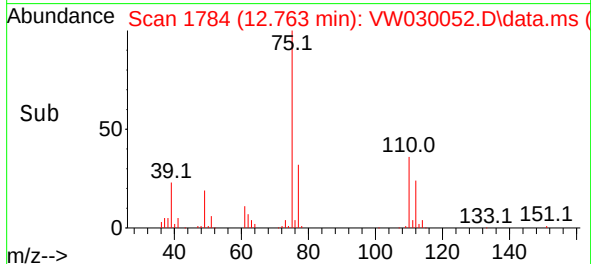
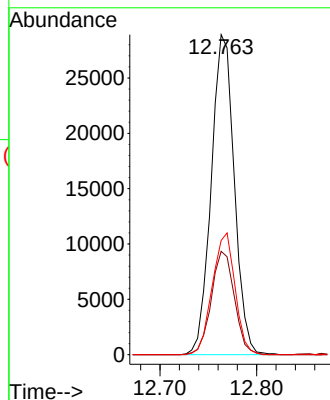
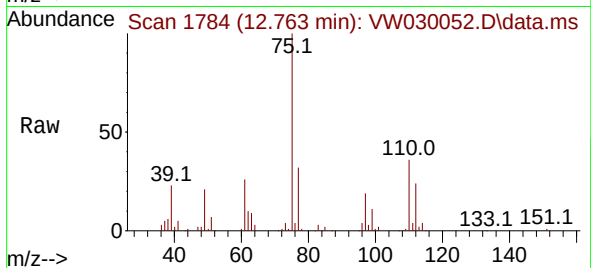
Tgt Ion: 75 Resp: 47892

Ion Ratio Lower Upper

75 100

77 32.4 26.0 39.0

110 37.6 31.0 46.4



#62

1,3,5-Trimethylbenzene

Concen: 15.269 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW030052.D

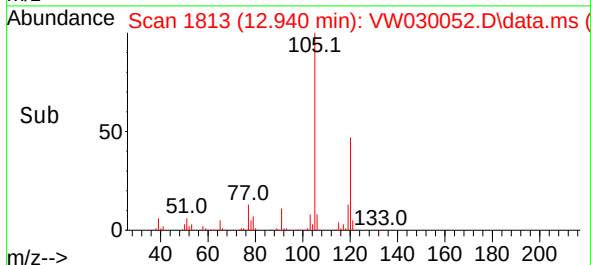
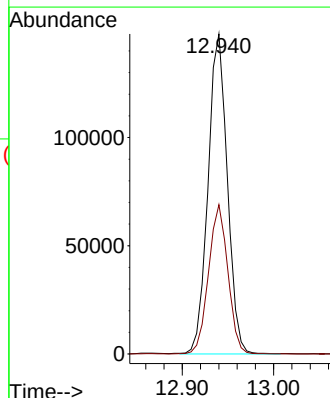
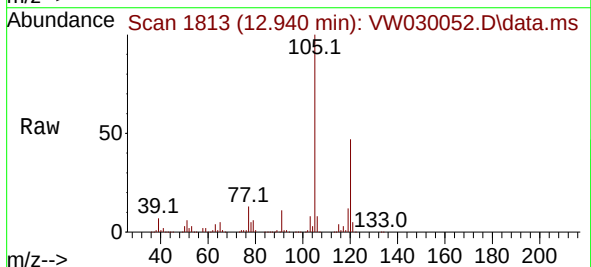
Acq: 27 Aug 2024 18:21

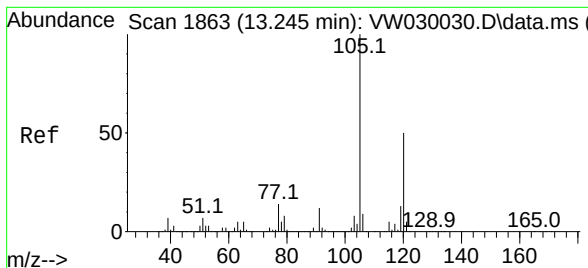
Tgt Ion:105 Resp: 216653

Ion Ratio Lower Upper

105 100

120 46.7 38.3 57.5





#63

1,2,4-Trimethylbenzene

Concen: 14.161 ug/L

RT: 13.245 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW030052.D

Acq: 27 Aug 2024 18:21

Instrument :

MSVOA_W

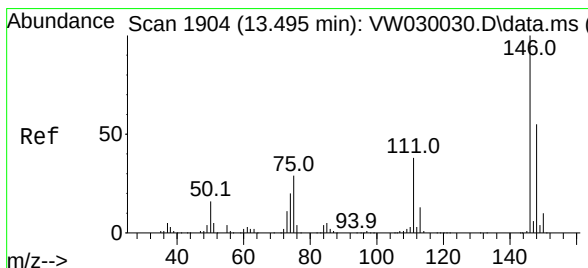
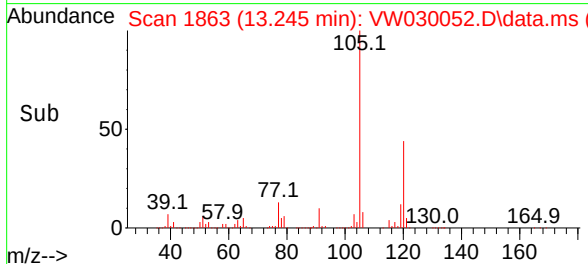
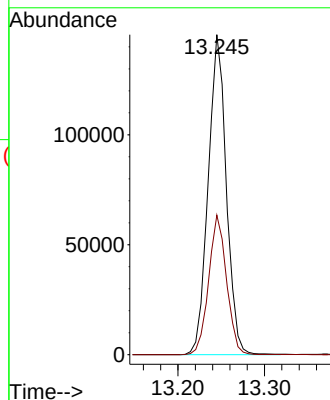
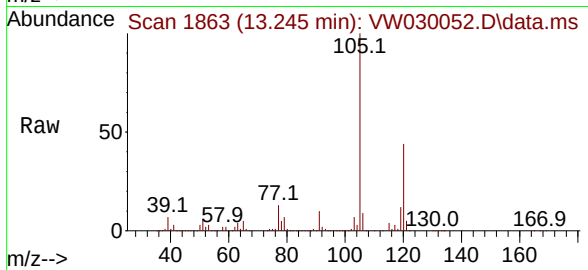
ClientSampleId :

Tgt Ion:105 Resp: 211791

Ion Ratio Lower Upper

105 100

120 43.0 36.3 54.5



#64

1,3-Dichlorobenzene

Concen: 13.115 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW030052.D

Acq: 27 Aug 2024 18:21

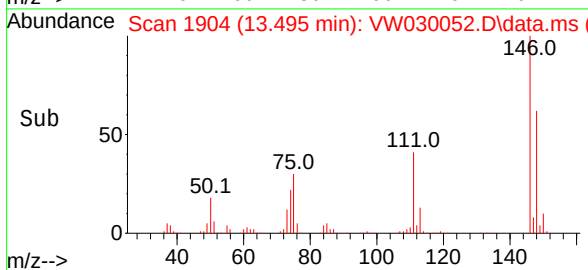
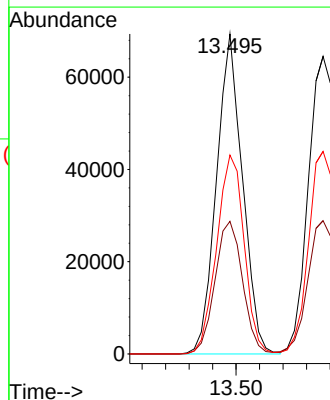
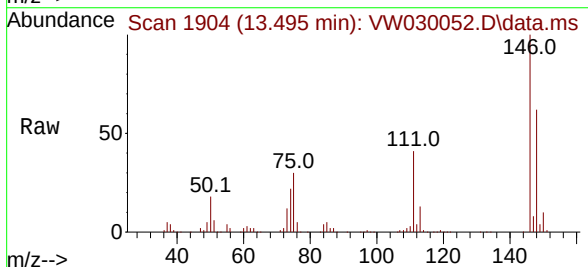
Tgt Ion:146 Resp: 106696

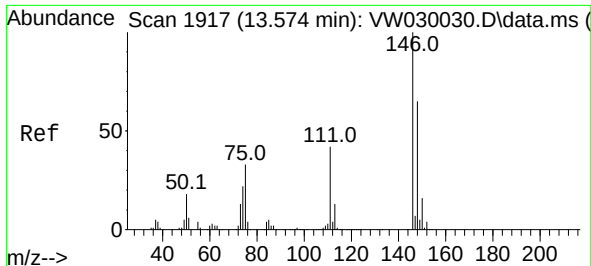
Ion Ratio Lower Upper

146 100

111 41.4 29.1 54.1

148 62.2 43.9 81.5





#65

1,4-Dichlorobenzene

Concen: 13.574 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW030052.D

Acq: 27 Aug 2024 18:21

Instrument :

MSVOA_W

ClientSampleId :

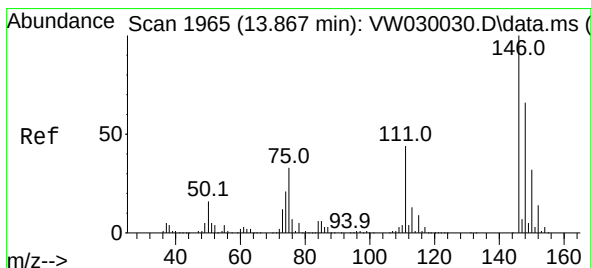
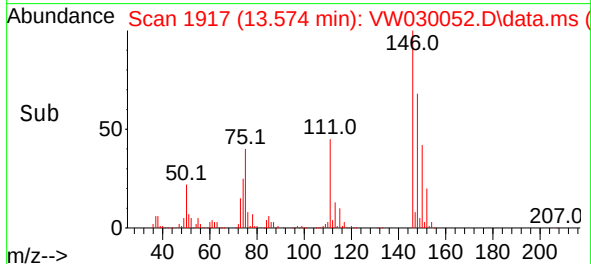
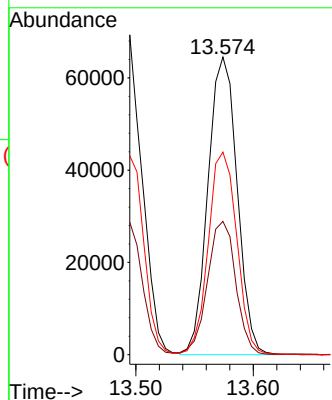
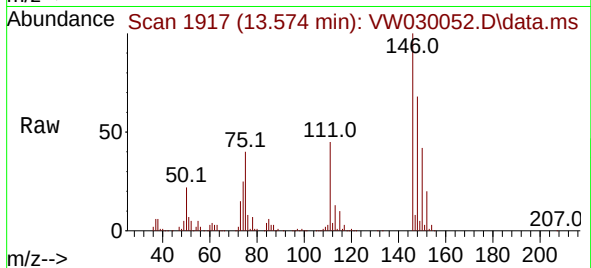
Tgt Ion:146 Resp: 111557

Ion Ratio Lower Upper

146 100

111 44.8 28.2 52.4

148 68.1 45.8 85.2



#67

1,2-Dichlorobenzene

Concen: 13.988 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW030052.D

Acq: 27 Aug 2024 18:21

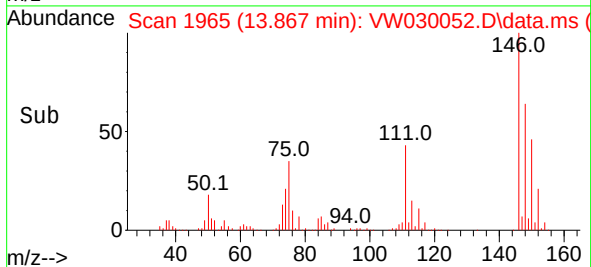
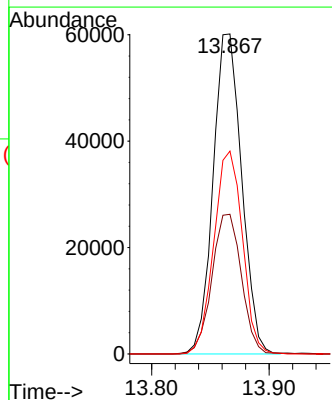
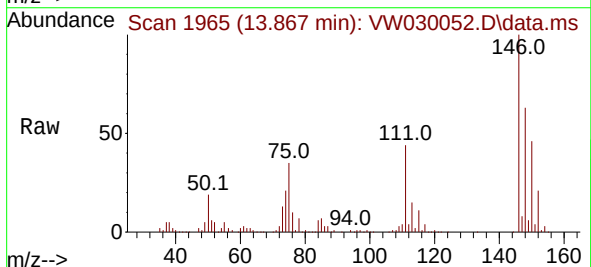
Tgt Ion:146 Resp: 101799

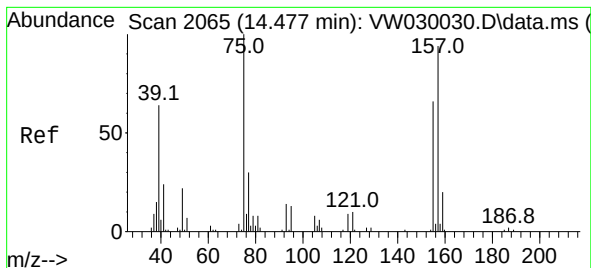
Ion Ratio Lower Upper

146 100

111 43.6 34.7 52.1

148 63.4 51.4 77.0





#68

1,2-Dibromo-3-chloropropane

Concen: 19.450 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

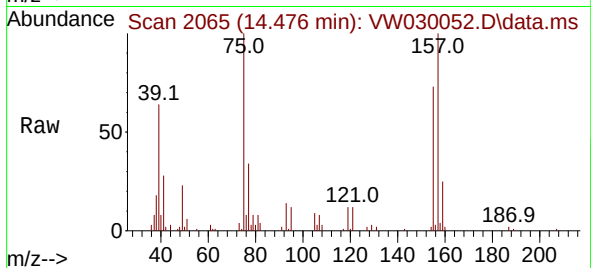
Lab File: VW030052.D

Acq: 27 Aug 2024 18:21

Instrument :

MSVOA_W

ClientSampleId :



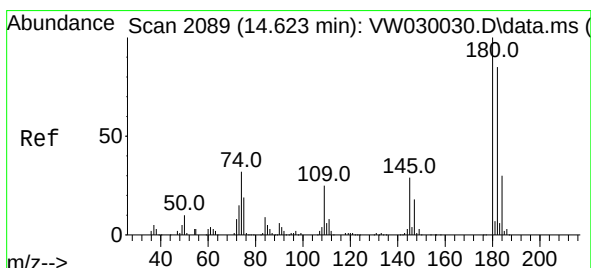
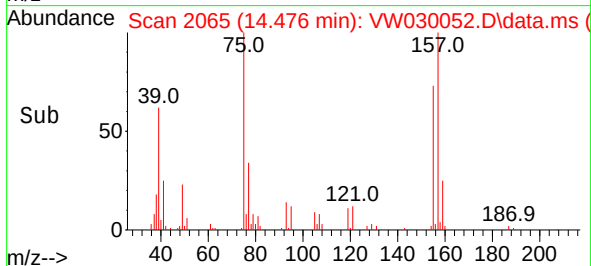
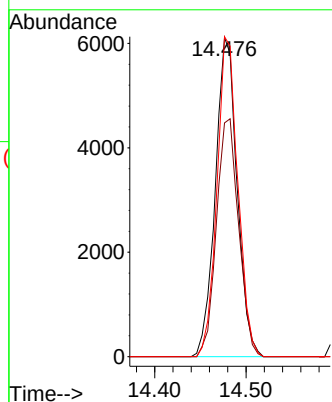
Tgt Ion: 75 Resp: 10126

Ion Ratio Lower Upper

75 100

155 73.2 62.8 94.2

157 100.2 84.3 126.5



#69

1,3,5-Trichlorobenzene

Concen: 9.835 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW030052.D

Acq: 27 Aug 2024 18:21

Tgt Ion:180 Resp: 52235

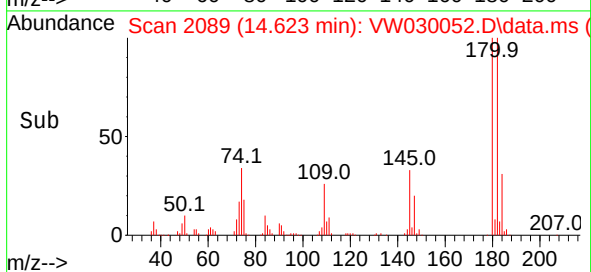
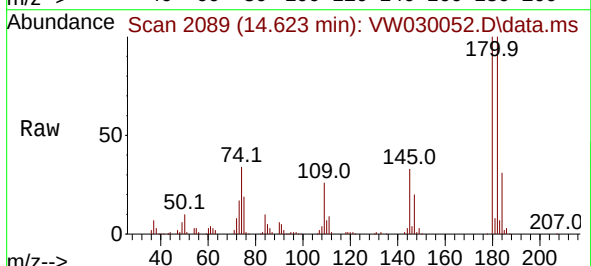
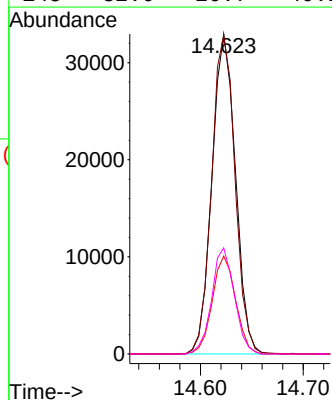
Ion Ratio Lower Upper

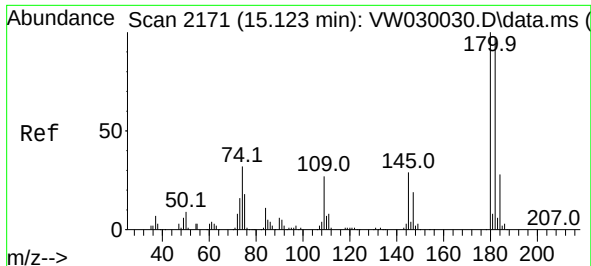
180 100

182 99.2 79.7 119.5

184 30.5 25.1 37.7

145 32.0 26.7 40.1





#70

1,2,4-trichlorobenzene

Concen: 9.564 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.000 min

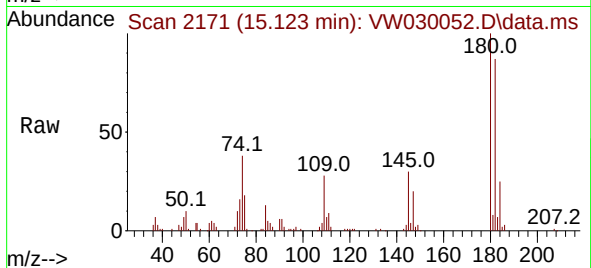
Lab File: VW030052.D

Acq: 27 Aug 2024 18:21

Instrument :

MSVOA_W

ClientSampleId :



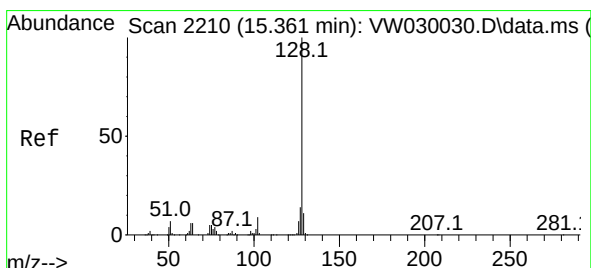
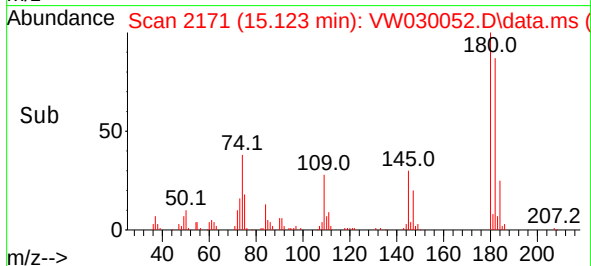
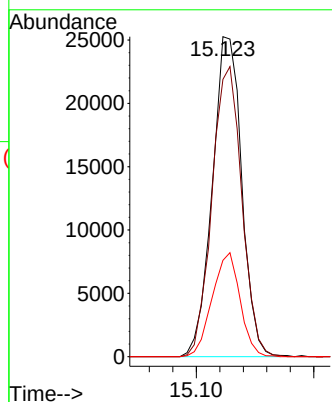
Tgt Ion:180 Resp: 43964

Ion Ratio Lower Upper

180 100

182 91.8 75.3 112.9

145 30.8 24.7 37.1



#71

Naphthalene

Concen: 13.641 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW030052.D

Acq: 27 Aug 2024 18:21

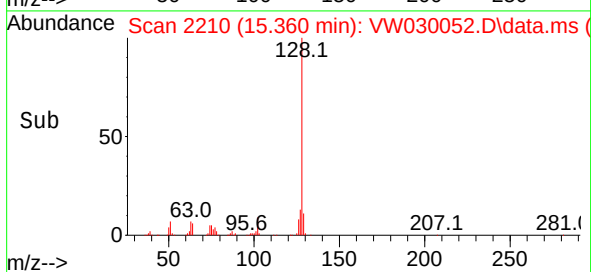
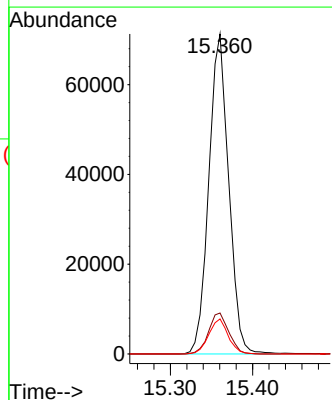
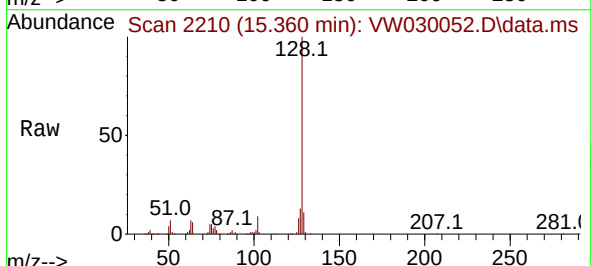
Tgt Ion:128 Resp: 119742

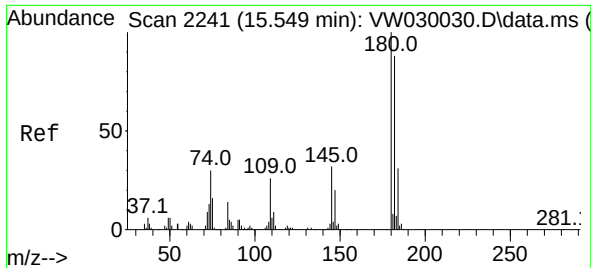
Ion Ratio Lower Upper

128 100

127 13.0 10.6 15.8

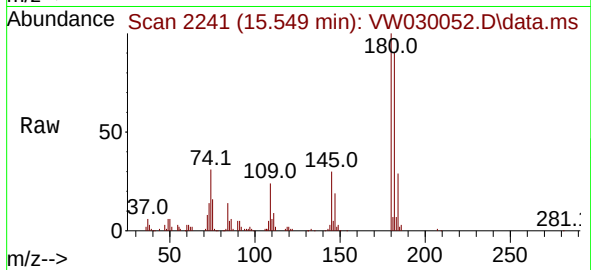
129 10.7 8.9 13.3





#72
 1,2,3-Trichlorobenzene
 Concen: 10.115 ug/L
 RT: 15.549 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW030052.D
 Acq: 27 Aug 2024 18:21

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:	180	Resp:	40814
Ion Ratio	Lower	Upper	
180	100		
182	92.8	77.2	115.8
145	32.1	26.5	39.7

