

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
 Data File : VW030048.D
 Acq On : 27 Aug 2024 16:45
 Operator : SY/MD
 Sample : P3722-02MS
 Misc : 5.36g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 28 01:17:05 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	8.837	114	308431	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	263268	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	100208	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	84596	18.431	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	73.720%		
7) Chloroethane-d5	2.899	69	60873	18.687	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	74.760%		
11) 1,1-Dichloroethene-d2	4.027	65	37093	18.915	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	75.680%		
21) 2-Butanone-d5	7.075	46	52340	57.205	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	114.420%		
24) Chloroform-d	7.648	84	167230	20.106	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	80.440%		
26) 1,2-Dichloroethane-d4	8.307	65	92095	21.806	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	87.240%		
32) Benzene-d6	8.270	84	332305	21.384	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	85.520%		
36) 1,2-Dichloropropane-d6	9.270	67	104530	22.959	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	91.840%		
41) Toluene-d8	10.325	98	297181	21.011	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	84.040%		
43) trans-1,3-Dichloroprop...	10.575	79	42322	22.598	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	90.400%		
47) 2-Hexanone-d5	10.922	63	46299	66.444	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	132.880%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	85993	25.653	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	102.600%		
66) 1,2-Dichlorobenzene-d4	13.849	152	73019	20.146	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	80.600%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.015	85	52143	14.699	ug/L	99
3) Chloromethane	2.223	50	66773	16.192	ug/L	99
5) Vinyl chloride	2.375	62	68590	14.072	ug/L	94
6) Bromomethane	2.790	94	44456	14.676	ug/L	98
8) Chloroethane	2.936	64	41780	14.875	ug/L	96
9) Trichlorofluoromethane	3.265	101	63528	15.051	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	61181	15.150	ug/L	97
12) 1,1-Dichloroethene	4.045	96	58308	14.748	ug/L #	80
13) Acetone	4.125	43	183183	218.893	ug/L	98
14) Carbon disulfide	4.393	76	195000	15.900	ug/L	98
15) Methyl Acetate	4.673	43	39513	24.217	ug/L	97
16) Methylene chloride	4.923	84	69684	13.677	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	66609	15.234	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	117815	17.620	ug/L	99
19) 1,1-Dichloroethane	6.216	63	130639	16.079	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	73306	15.169	ug/L	91
22) 2-Butanone	7.173	43	46672	38.974	ug/L	97
23) Bromochloromethane	7.514	128	31019	15.133	ug/L	87
25) Chloroform	7.679	83	129269	15.555	ug/L	94

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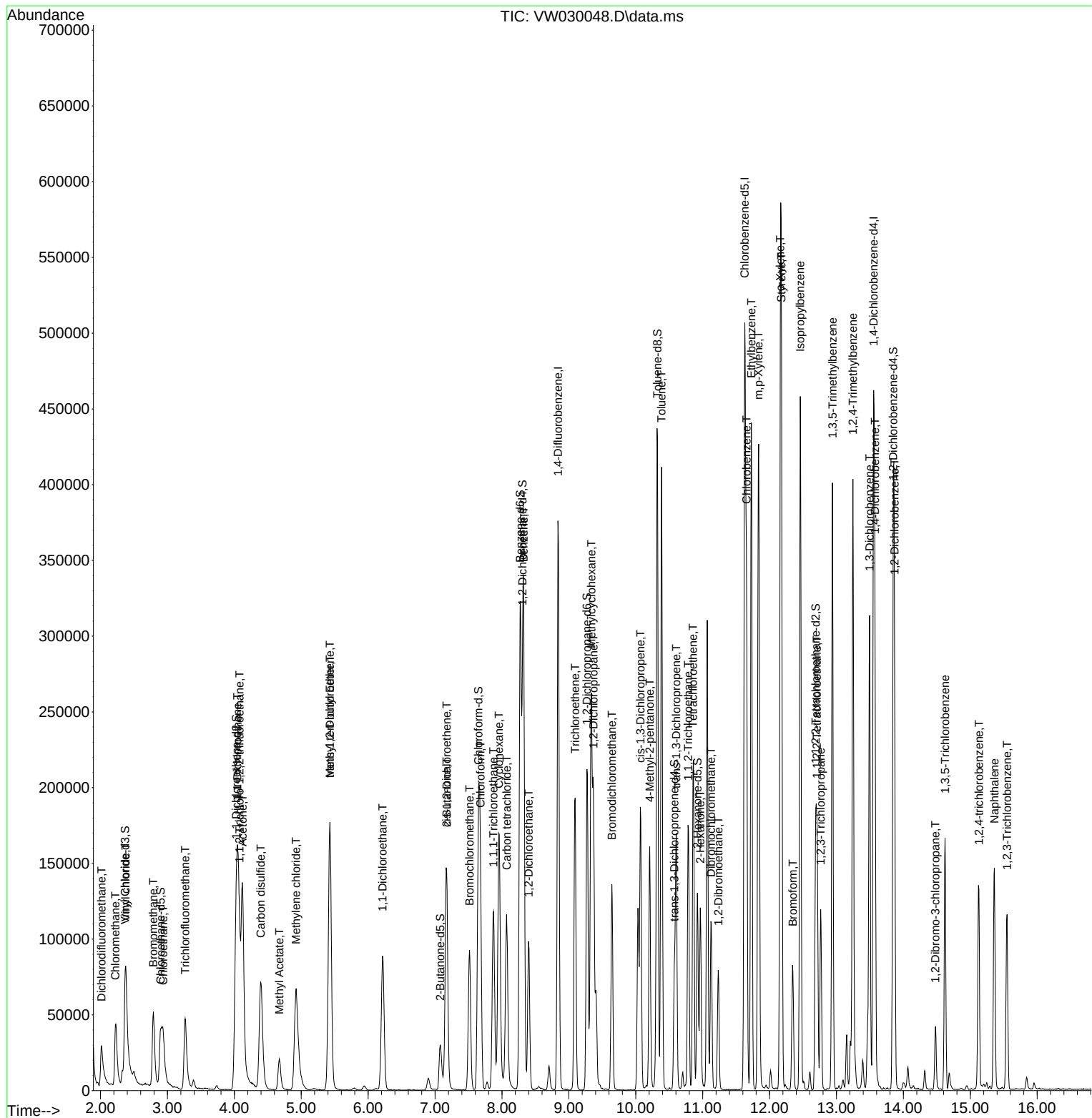
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	89048	16.739	ug/L	99
29) Cyclohexane	7.953	56	102268	16.088	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	100009	16.219	ug/L	99
31) Carbon tetrachloride	8.069	117	87930	15.872	ug/L	99
33) Benzene	8.325	78	280195	16.611	ug/L	100
34) Trichloroethene	9.093	95	71844	15.818	ug/L	96
35) Methylcyclohexane	9.337	83	106404	14.304	ug/L	96
37) 1,2-Dichloropropane	9.368	63	73916	17.305	ug/L	99
38) Bromodichloromethane	9.642	83	92456	17.155	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	112158	17.060	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	105586	49.660	ug/L	96
42) Toluene	10.386	91	292113	16.262	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	94774	17.815	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	56763	18.131	ug/L	98
46) Tetrachloroethene	10.855	164	48371	14.032	ug/L	91
48) 2-Hexanone	10.965	43	75135	49.709	ug/L	96
49) Dibromochloromethane	11.123	129	59227	17.805	ug/L	100
50) 1,2-Dibromoethane	11.233	107	52707	18.023	ug/L	88
51) Chlorobenzene	11.654	112	166892	14.531	ug/L	91
52) Ethylbenzene	11.727	91	306832	15.075	ug/L	97
53) m,p-Xylene	11.837	106	113940	15.001	ug/L	92
54) o-Xylene	12.160	106	106403	14.595	ug/L	98
55) Styrene	12.178	104	172741	14.142	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	69605	19.743	ug/L	97
59) Bromoform	12.349	173	32308	21.650	ug/L	96
60) Isopropylbenzene	12.459	105	277901	17.383	ug/L	97
61) 1,2,3-Trichloropropane	12.763	75	50101	24.589	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	208563	17.545	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	213787	17.063	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	107570	15.783	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	106663	15.492	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	96243	15.786	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	11400	26.138	ug/L	89
69) 1,3,5-Trichlorobenzene	14.623	180	49042	11.022	ug/L	95
70) 1,2,4-trichlorobenzene	15.129	180	41791	10.851	ug/L	100
71) Naphthalene	15.360	128	123150	16.746	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	37945	11.225	ug/L	96

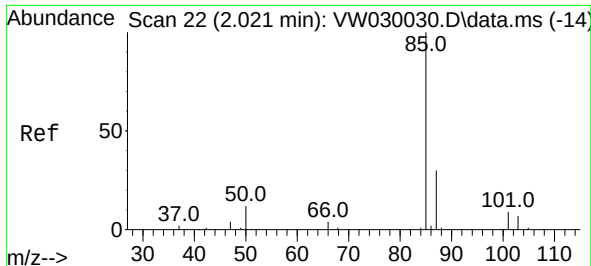
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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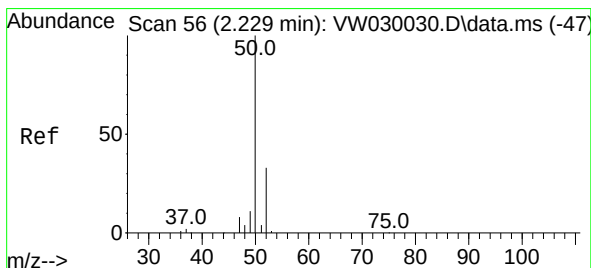
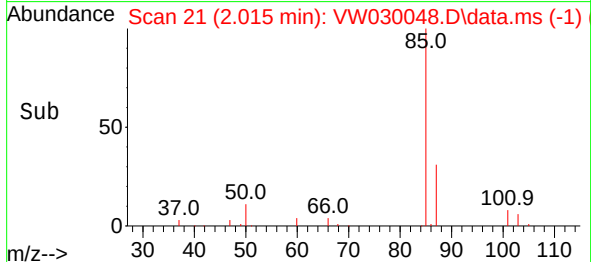
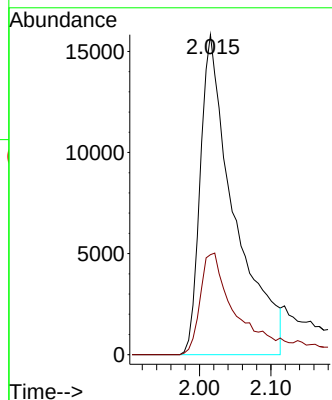
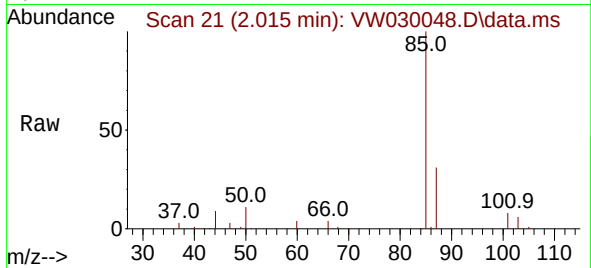




#2
Dichlorodifluoromethane
Concen: 14.699 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW030048.D
Acq: 27 Aug 2024 16:45

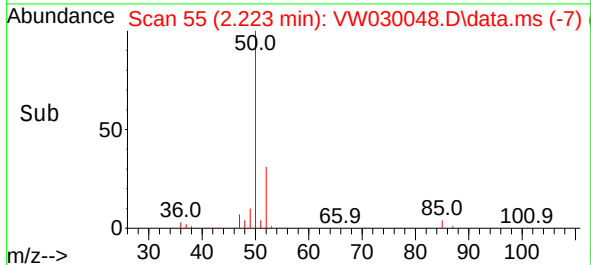
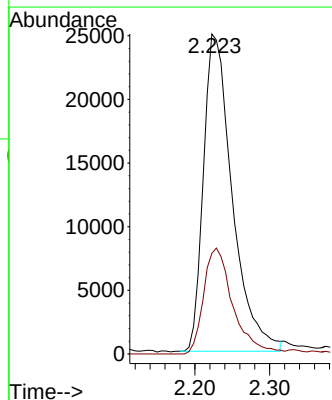
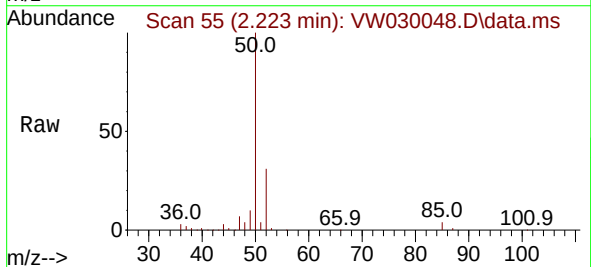
Instrument :
MSVOA_W
ClientSampleId :

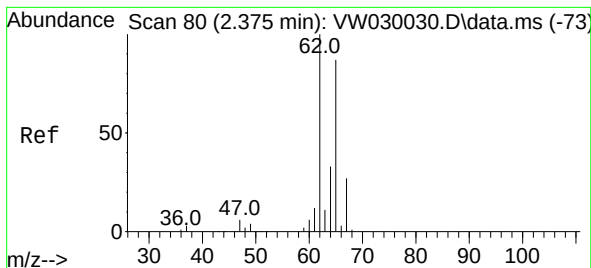
Tgt Ion: 85 Resp: 52143
Ion Ratio Lower Upper
85 100
87 29.6 24.2 36.2



#3
Chloromethane
Concen: 16.192 ug/L
RT: 2.223 min Scan# 55
Delta R.T. -0.006 min
Lab File: VW030048.D
Acq: 27 Aug 2024 16:45

Tgt Ion: 50 Resp: 66773
Ion Ratio Lower Upper
50 100
52 31.4 21.6 40.2





#5

Vinyl chloride

Concen: 14.072 ug/L

RT: 2.375 min Scan# 80

Delta R.T. -0.000 min

Lab File: VW030048.D

Acq: 27 Aug 2024 16:45

Instrument :

MSVOA_W

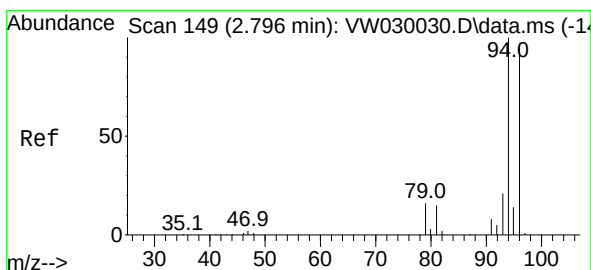
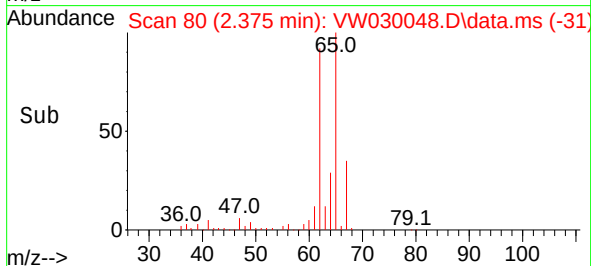
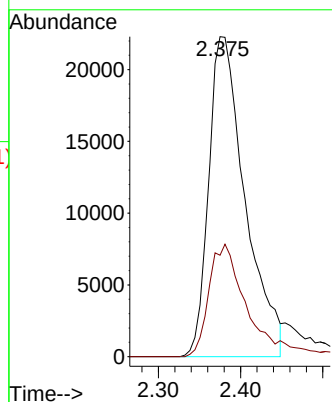
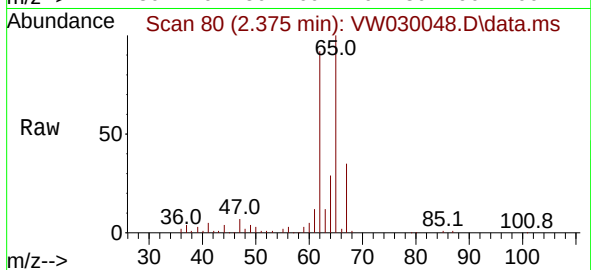
ClientSampleId :

Tgt Ion: 62 Resp: 68590

Ion Ratio Lower Upper

62 100

64 31.7 24.4 45.4



#6

Bromomethane

Concen: 14.676 ug/L

RT: 2.790 min Scan# 148

Delta R.T. -0.006 min

Lab File: VW030048.D

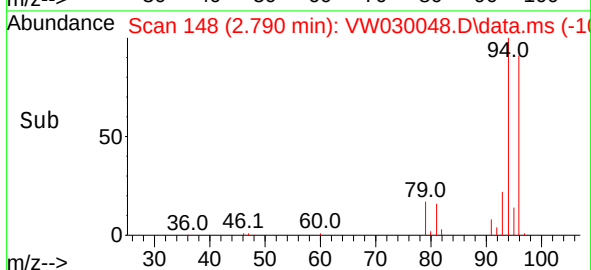
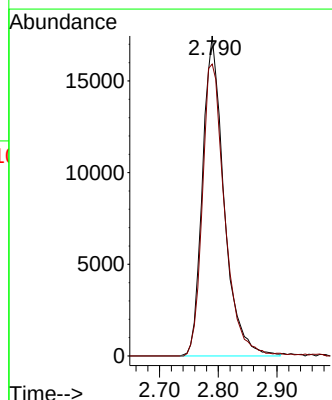
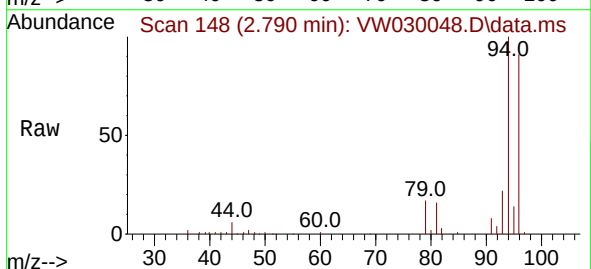
Acq: 27 Aug 2024 16:45

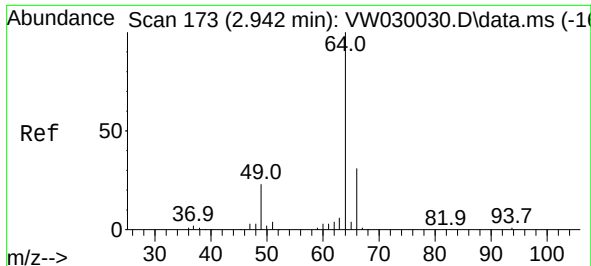
Tgt Ion: 94 Resp: 44456

Ion Ratio Lower Upper

94 100

96 91.2 62.4 115.8

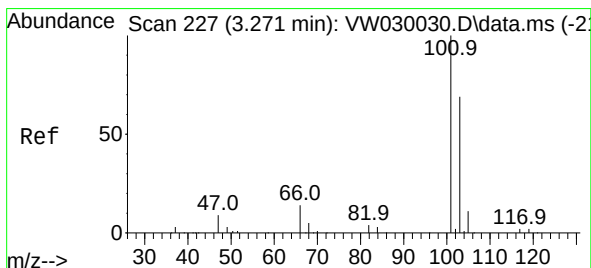
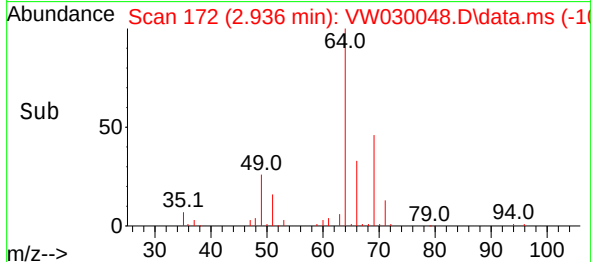
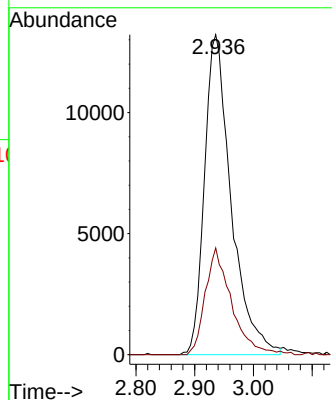
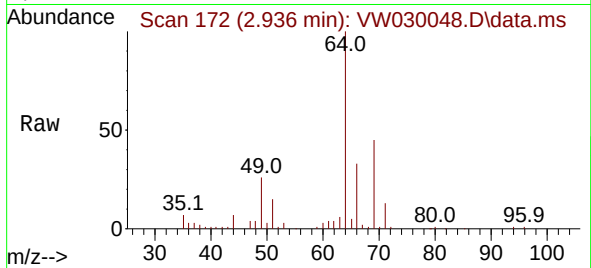




#8
Chloroethane
Concen: 14.875 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW030048.D
Acq: 27 Aug 2024 16:45

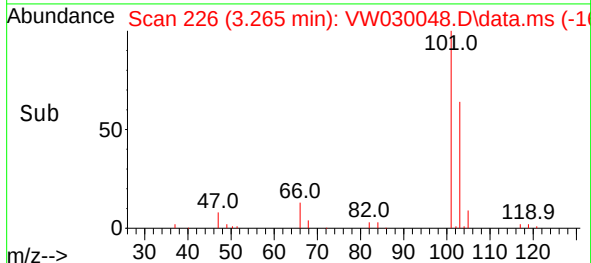
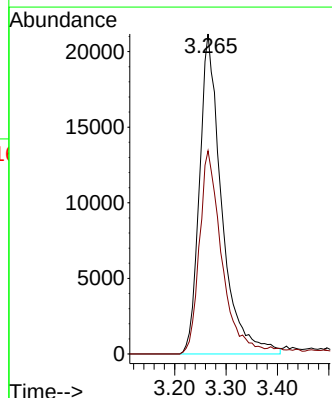
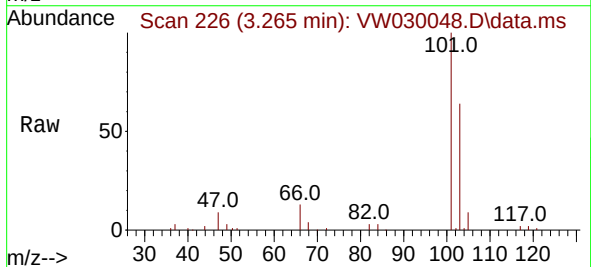
Instrument :
MSVOA_W
ClientSampleId :

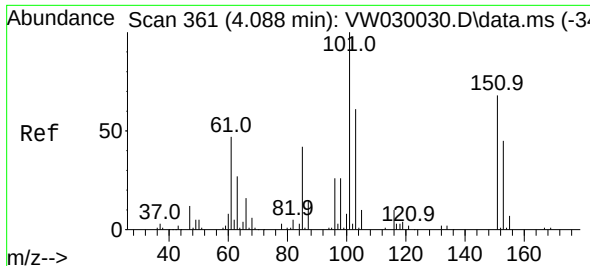
Tgt Ion: 64 Resp: 41780
Ion Ratio Lower Upper
64 100
66 33.4 21.7 40.3



#9
Trichlorofluoromethane
Concen: 15.051 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW030048.D
Acq: 27 Aug 2024 16:45

Tgt Ion:101 Resp: 63528
Ion Ratio Lower Upper
101 100
103 62.9 50.7 76.1





#10

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

Concen: 15.150 ug/L

RT: 4.076 min Scan# 3

Delta R.T. -0.012 min

Lab File: VW030048.D

Acq: 27 Aug 2024 16:45

Instrument :

MSVOA_W

ClientSampleId :

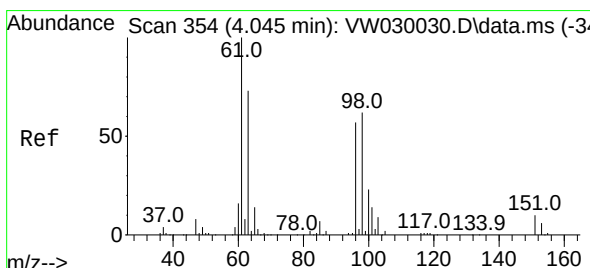
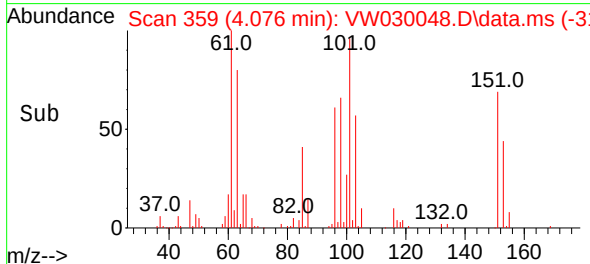
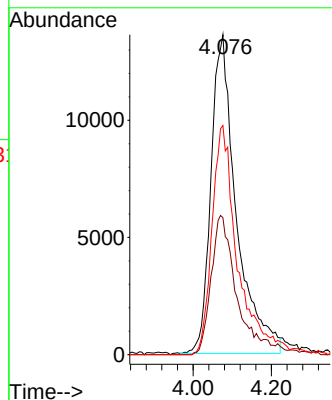
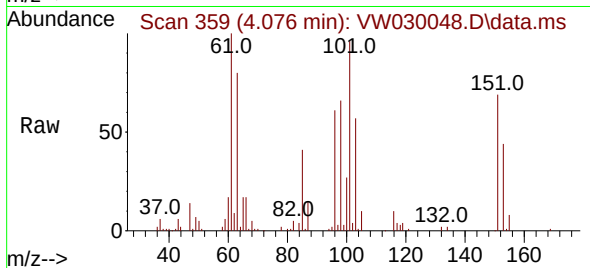
Tgt Ion:101 Resp: 61181

Ion Ratio Lower Upper

101 100

85 40.6 34.7 52.1

151 69.7 54.8 82.2



#12

1,1-Dichloroethene

Concen: 14.748 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.000 min

Lab File: VW030048.D

Acq: 27 Aug 2024 16:45

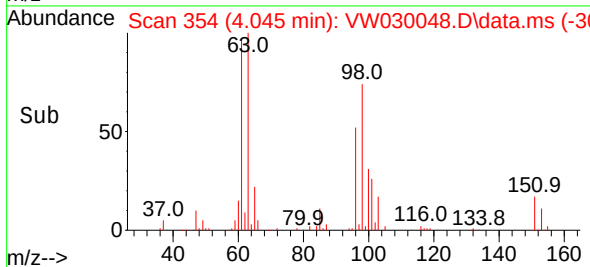
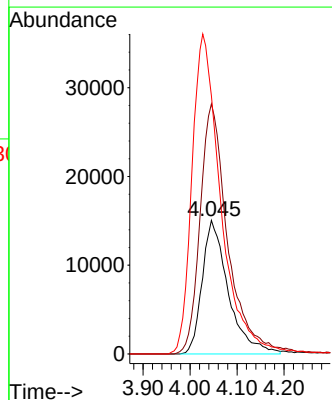
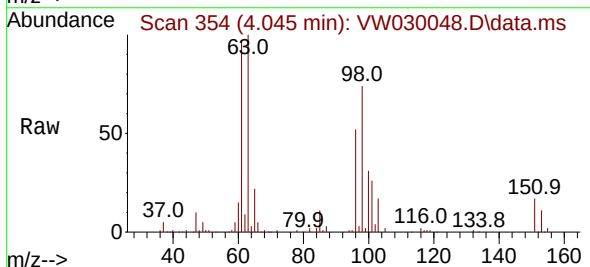
Tgt Ion: 96 Resp: 58308

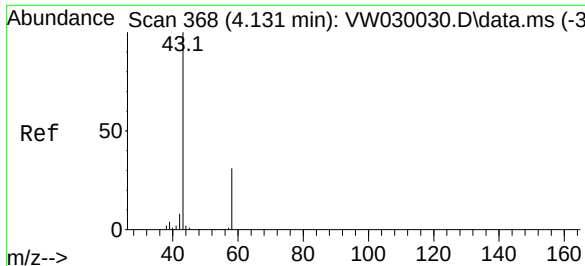
Ion Ratio Lower Upper

96 100

61 187.2 126.0 234.0

63 193.3 101.8 189.2#

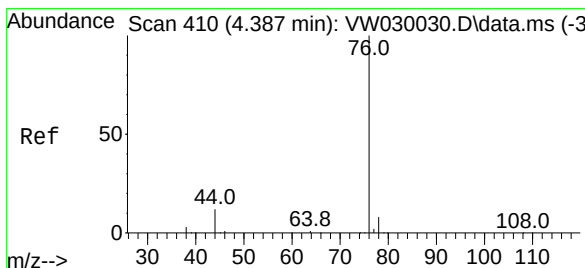
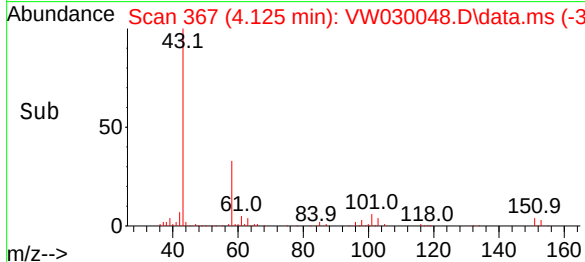
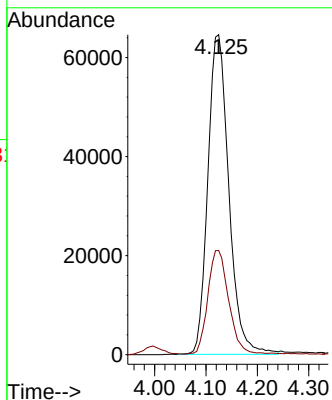
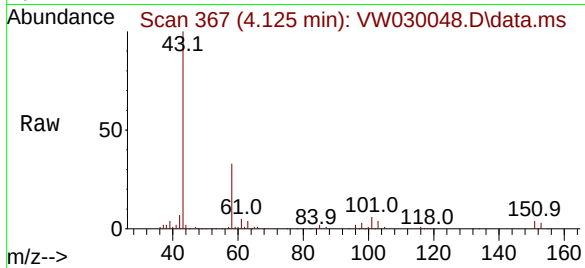




#13
Acetone
Concen: 218.893 ug/L
RT: 4.125 min Scan# 367
Delta R.T. -0.006 min
Lab File: VW030048.D
Acq: 27 Aug 2024 16:45

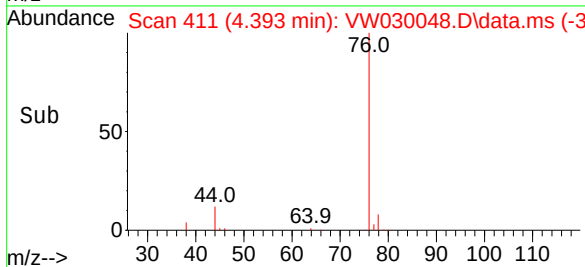
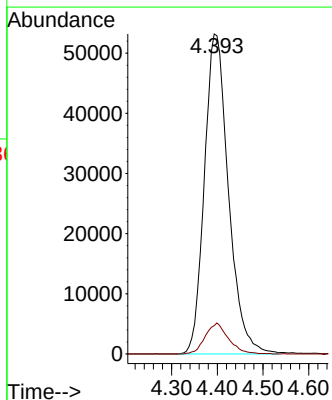
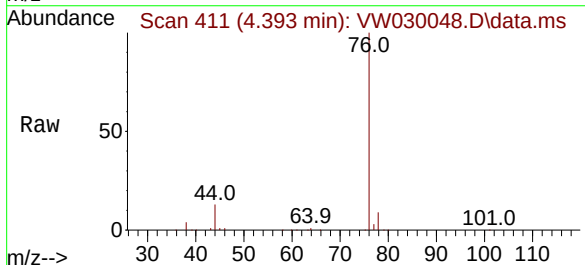
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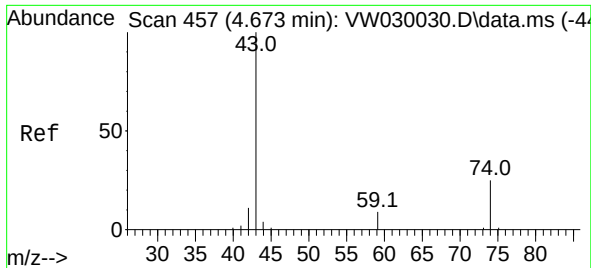
Tgt Ion: 43 Resp: 183183
Ion Ratio Lower Upper
43 100
58 32.1 0.0 66.4



#14
Carbon disulfide
Concen: 15.900 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 195000
Ion Ratio Lower Upper
76 100
78 8.9 6.6 9.8

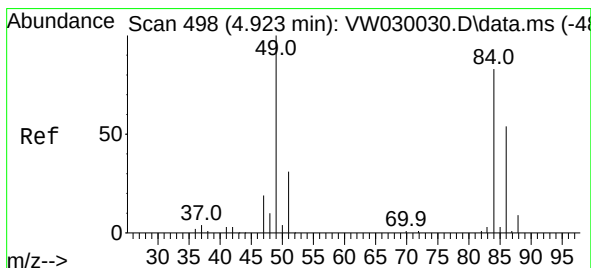
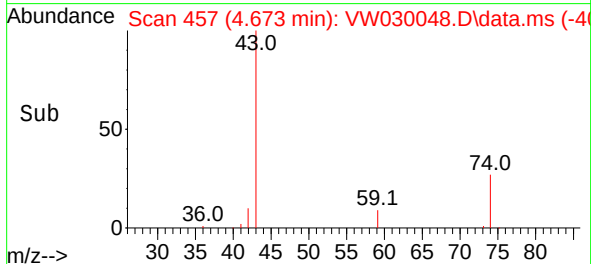
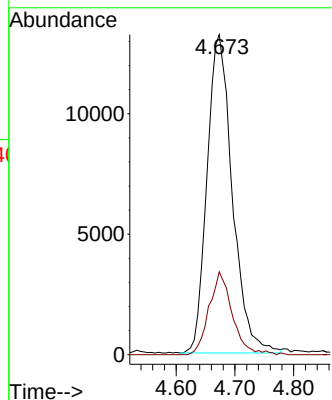
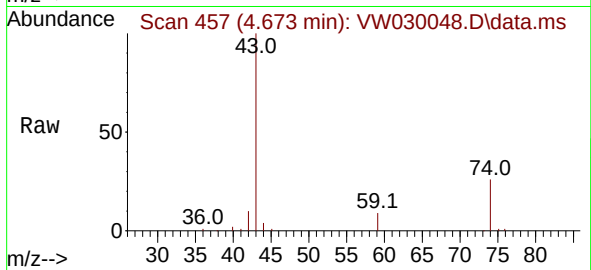




#15
Methyl Acetate
Concen: 24.217 ug/L
RT: 4.673 min Scan# 457
Delta R.T. -0.000 min
Lab File: VW030048.D
Acq: 27 Aug 2024 16:45

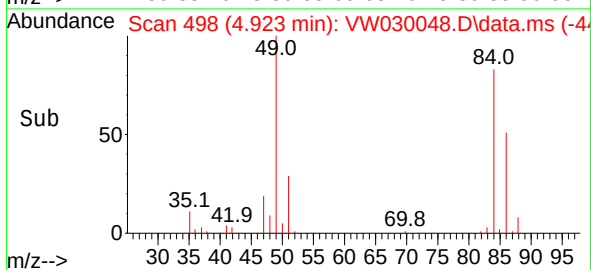
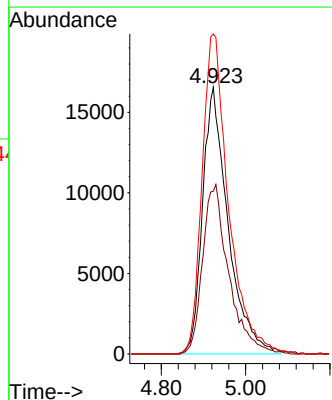
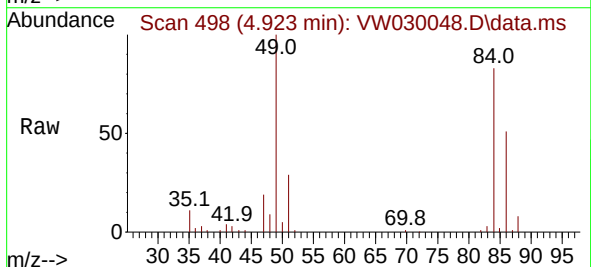
Instrument :
MSVOA_W
ClientSampleId :

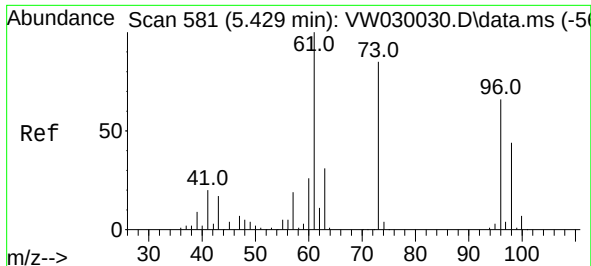
Tgt Ion: 43 Resp: 39513
Ion Ratio Lower Upper
43 100
74 23.6 19.9 29.9



#16
Methylene chloride
Concen: 13.677 ug/L
RT: 4.923 min Scan# 498
Delta R.T. -0.000 min
Lab File: VW030048.D
Acq: 27 Aug 2024 16:45

Tgt Ion: 84 Resp: 69684
Ion Ratio Lower Upper
84 100
86 61.1 44.2 82.2
49 120.1 79.9 148.3





#17

trans-1,2-Dichloroethene

Concen: 15.234 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW030048.D

Acq: 27 Aug 2024 16:45

Instrument :

MSVOA_W

ClientSampleId :

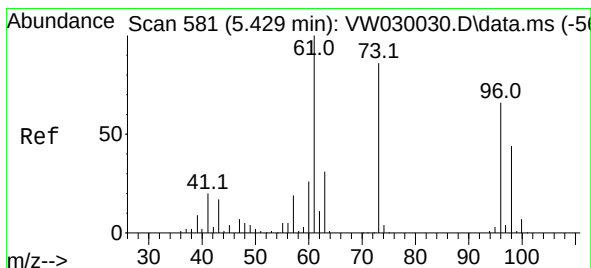
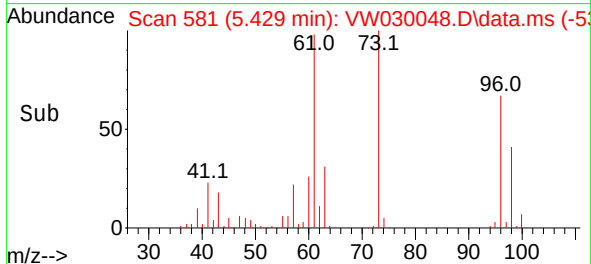
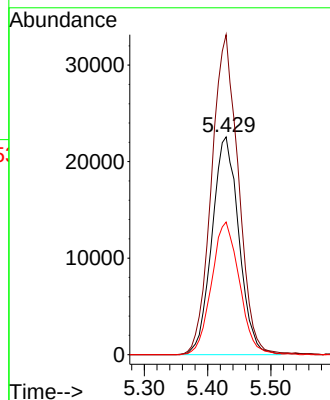
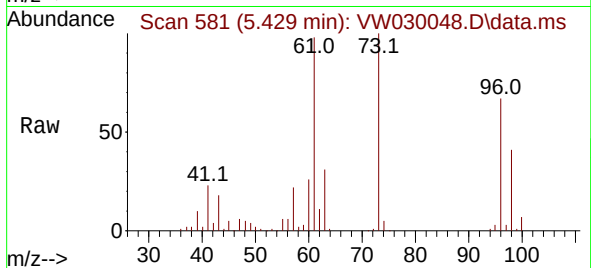
Tgt Ion: 96 Resp: 66609

Ion Ratio Lower Upper

96 100

61 147.0 98.3 182.7

98 60.9 45.3 84.1



#18

Methyl tert-butyl Ether

Concen: 17.620 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW030048.D

Acq: 27 Aug 2024 16:45

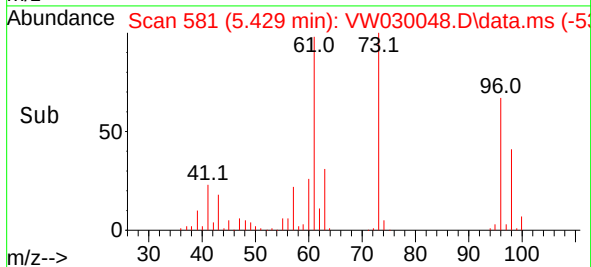
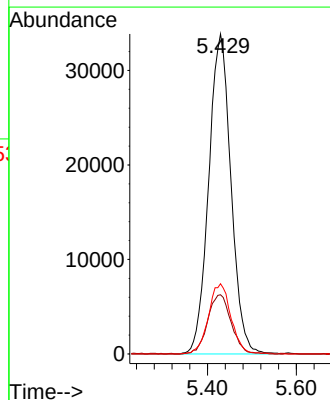
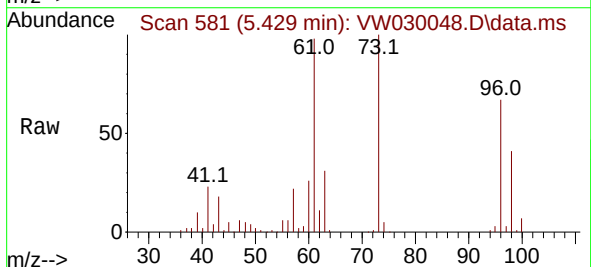
Tgt Ion: 73 Resp: 117815

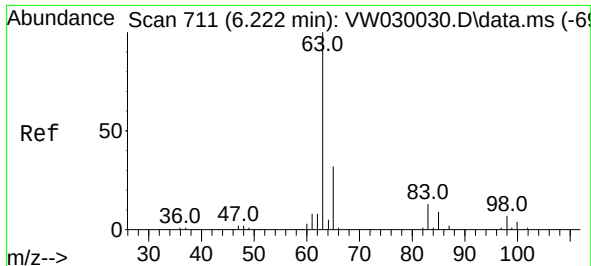
Ion Ratio Lower Upper

73 100

43 19.5 15.4 23.2

57 22.1 17.4 26.0





#19

1,1-Dichloroethane

Concen: 16.079 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.006 min

Lab File: VW030048.D

Acq: 27 Aug 2024 16:45

Instrument :

MSVOA_W

ClientSampleId :

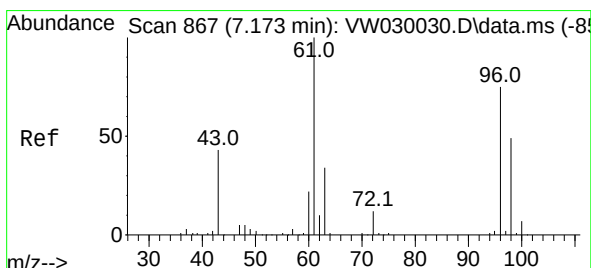
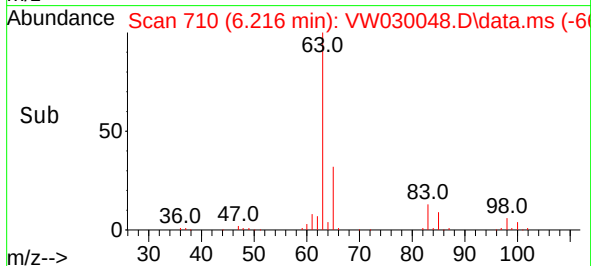
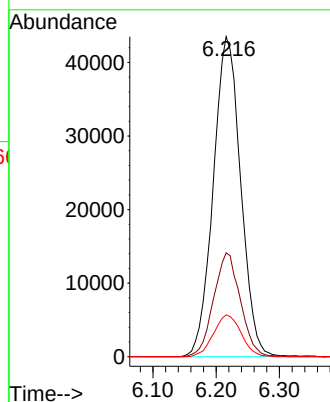
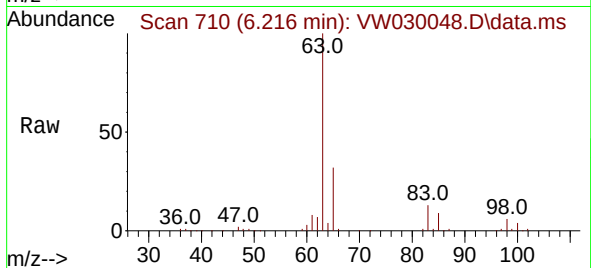
Tgt Ion: 63 Resp: 130639

Ion Ratio Lower Upper

63 100

65 32.5 21.6 40.0

83 13.0 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 15.169 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW030048.D

Acq: 27 Aug 2024 16:45

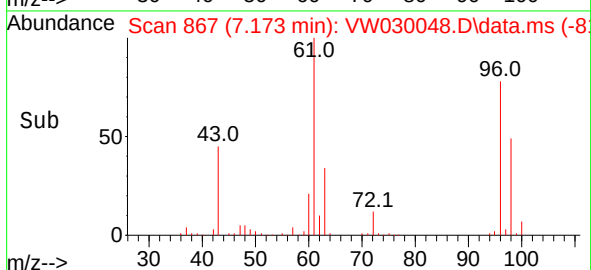
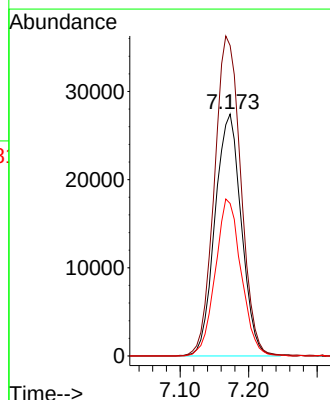
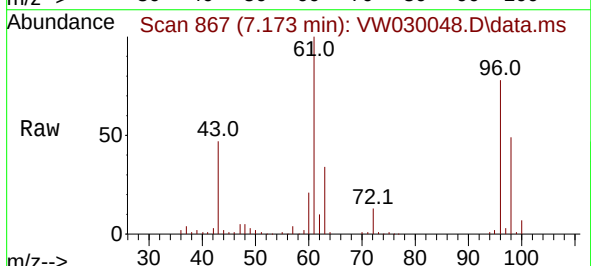
Tgt Ion: 96 Resp: 73306

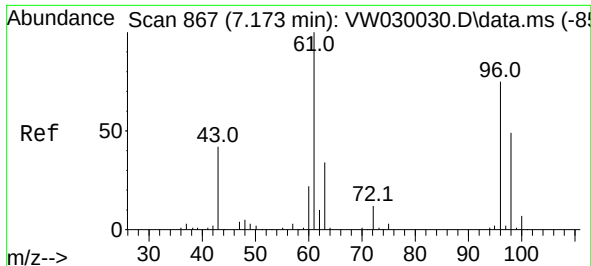
Ion Ratio Lower Upper

96 100

61 128.4 99.6 185.0

98 63.1 46.5 86.5





#22

2-Butanone

Concen: 38.974 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW030048.D

Acq: 27 Aug 2024 16:45

Instrument :

MSVOA_W

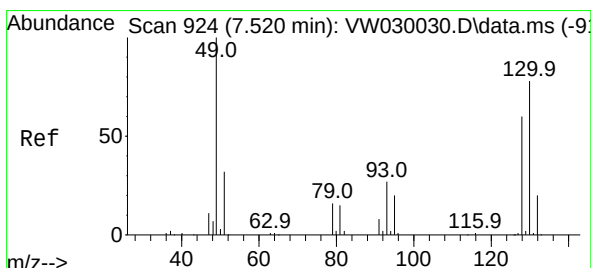
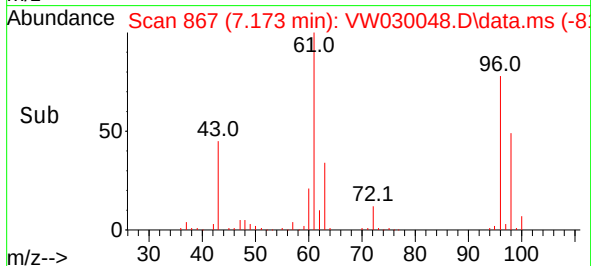
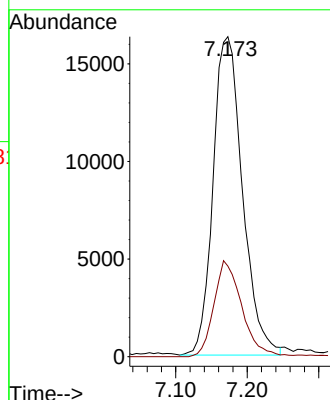
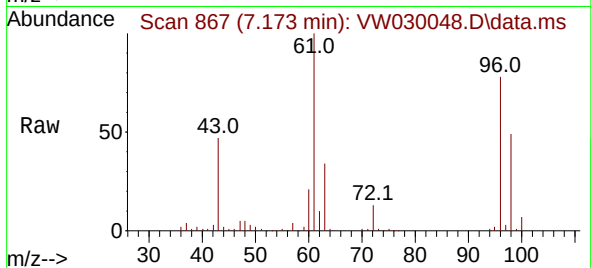
ClientSampleId :

Tgt Ion: 43 Resp: 46672

Ion Ratio Lower Upper

43 100

72 28.5 15.0 45.1



#23

Bromochloromethane

Concen: 15.133 ug/L

RT: 7.514 min Scan# 923

Delta R.T. -0.006 min

Lab File: VW030048.D

Acq: 27 Aug 2024 16:45

Tgt Ion: 128 Resp: 31019

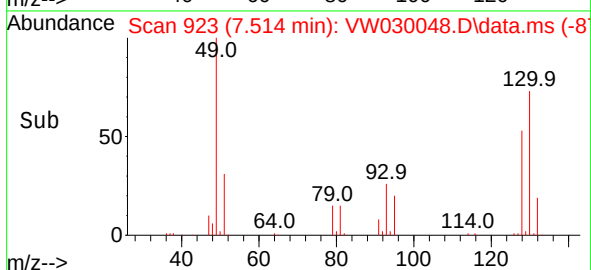
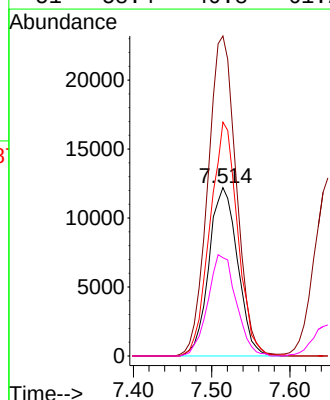
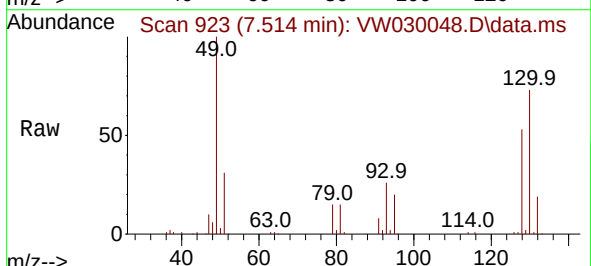
Ion Ratio Lower Upper

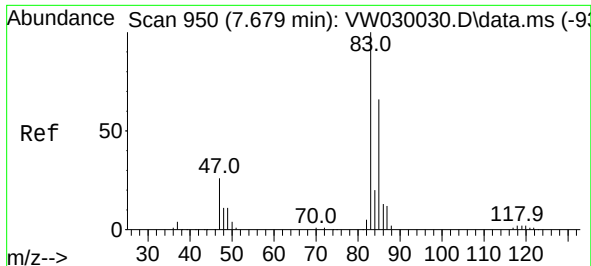
128 100

49 190.2 117.3 217.9

130 138.9 89.3 165.9

51 58.4 40.8 61.2





#25

Chloroform

Concen: 15.555 ug/L

RT: 7.679 min Scan# 950

Delta R.T. -0.000 min

Lab File: VW030048.D

Acq: 27 Aug 2024 16:45

Instrument :

MSVOA_W

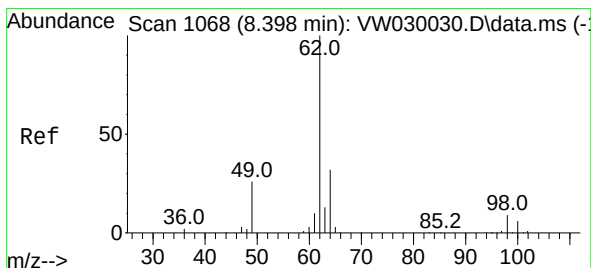
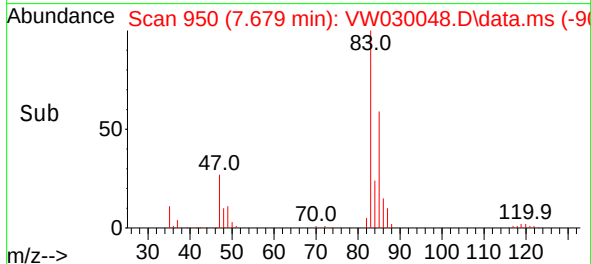
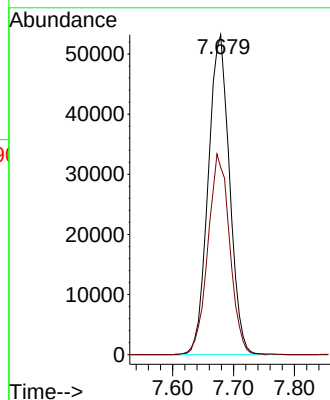
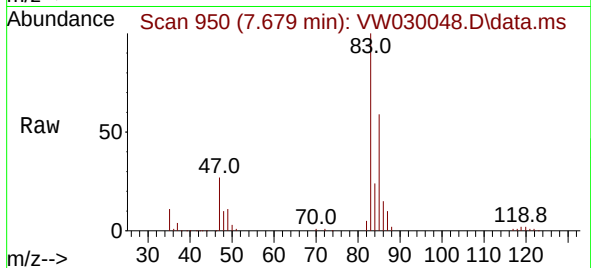
ClientSampleId :

Tgt Ion: 83 Resp: 129269

Ion Ratio Lower Upper

83 100

85 58.5 44.4 82.4



#27

1,2-Dichloroethane

Concen: 16.739 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW030048.D

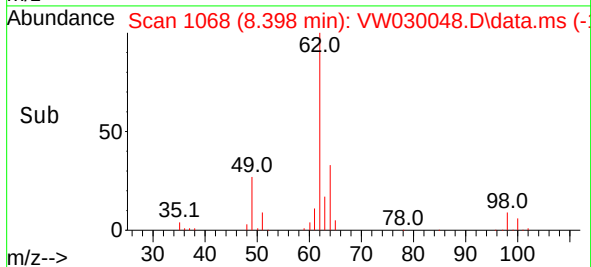
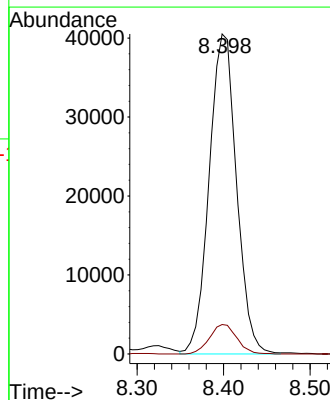
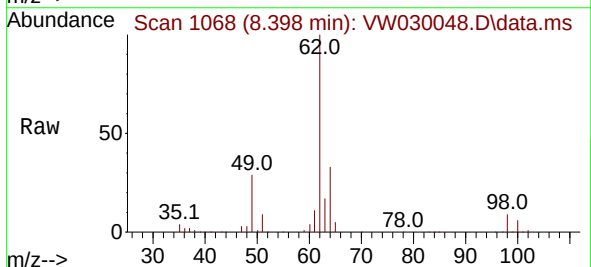
Acq: 27 Aug 2024 16:45

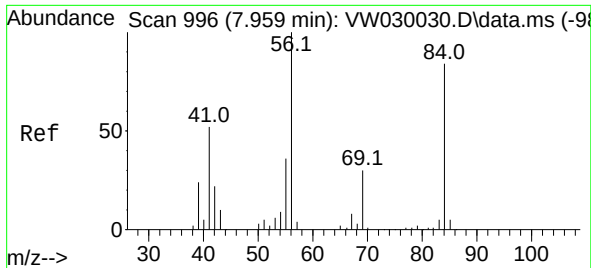
Tgt Ion: 62 Resp: 89048

Ion Ratio Lower Upper

62 100

98 9.2 7.7 11.5





#29

Cyclohexane

Concen: 16.088 ug/L

RT: 7.953 min Scan# 995

Delta R.T. -0.006 min

Lab File: VW030048.D

Acq: 27 Aug 2024 16:45

Instrument :

MSVOA_W

ClientSampleId :

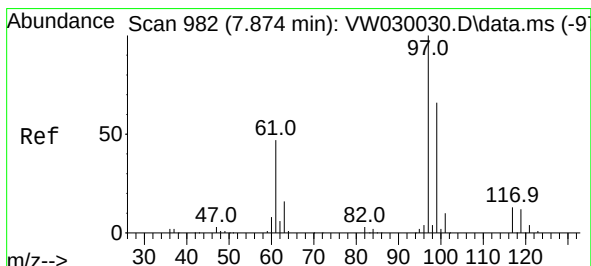
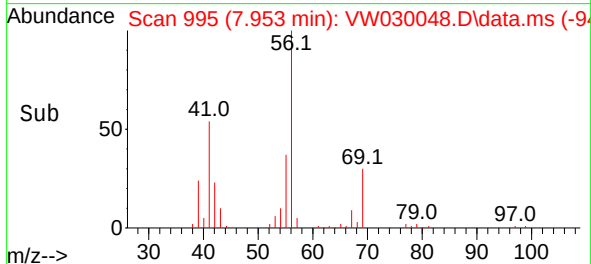
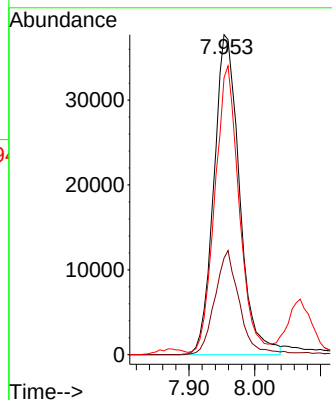
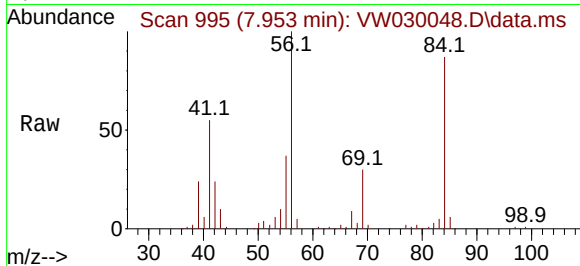
Tgt Ion: 56 Resp: 102268

Ion Ratio Lower Upper

56 100

69 30.8 24.4 36.6

84 84.4 68.1 102.1



#30

1,1,1-Trichloroethane

Concen: 16.219 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW030048.D

Acq: 27 Aug 2024 16:45

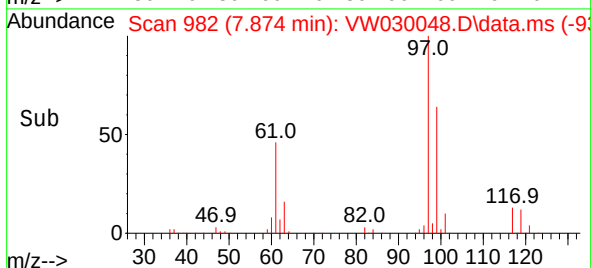
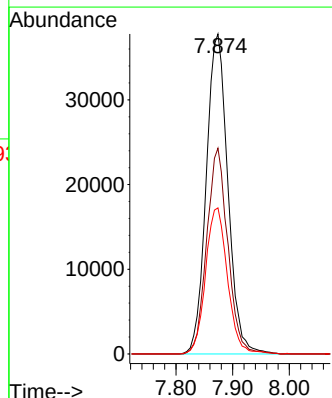
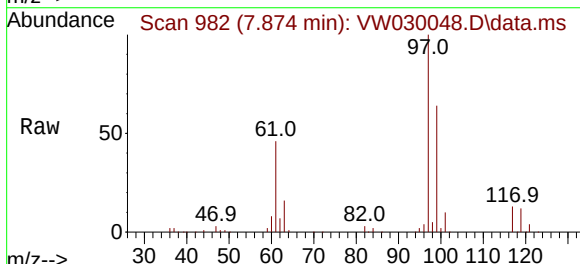
Tgt Ion: 97 Resp: 100009

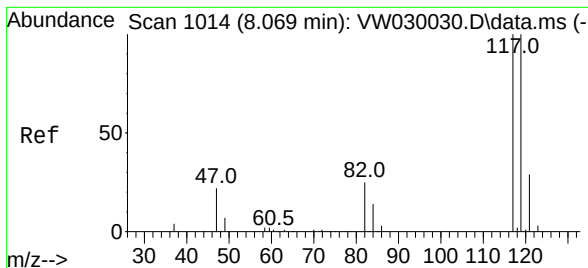
Ion Ratio Lower Upper

97 100

99 62.7 51.7 77.5

61 46.5 37.2 55.8





#31

Carbon tetrachloride

Concen: 15.872 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.000 min

Lab File: VW030048.D

Acq: 27 Aug 2024 16:45

Instrument :

MSVOA_W

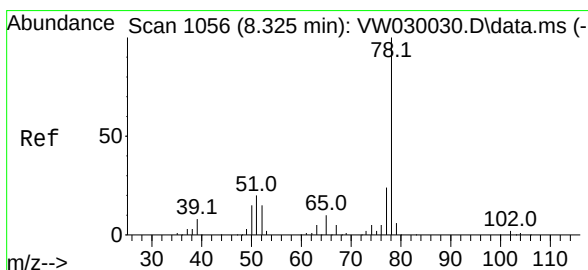
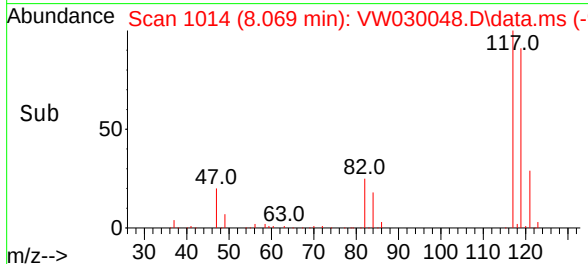
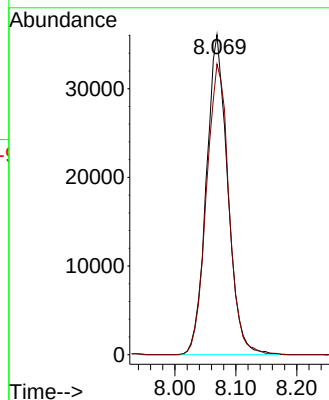
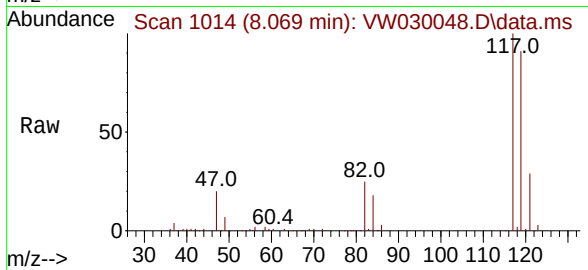
ClientSampleId :

Tgt Ion:117 Resp: 87930

Ion Ratio Lower Upper

117 100

119 95.7 77.7 116.5



#33

Benzene

Concen: 16.611 ug/L

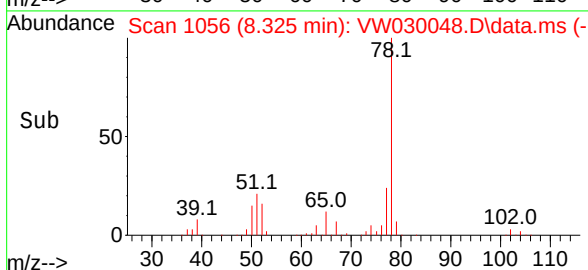
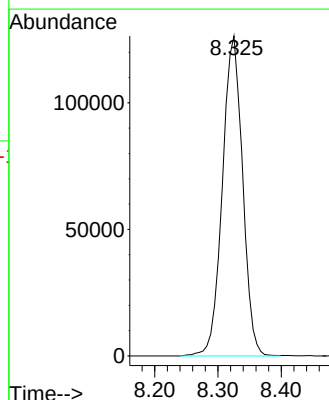
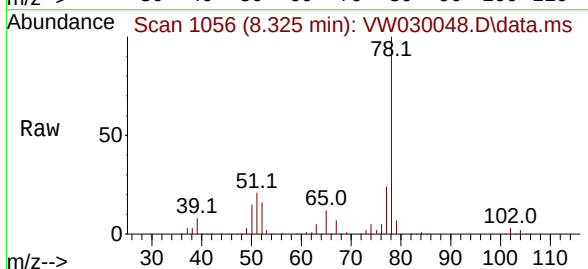
RT: 8.325 min Scan# 1056

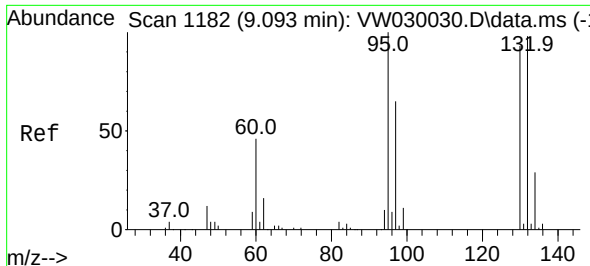
Delta R.T. -0.000 min

Lab File: VW030048.D

Acq: 27 Aug 2024 16:45

Tgt Ion: 78 Resp: 280195





#34

Trichloroethene

Concen: 15.818 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW030048.D

Acq: 27 Aug 2024 16:45

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 71844

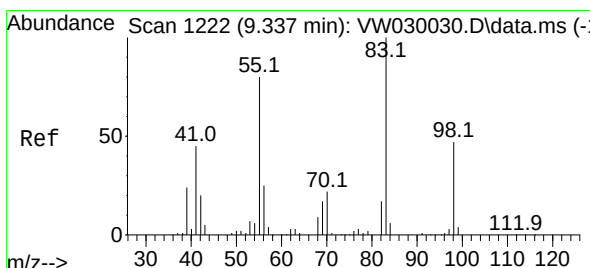
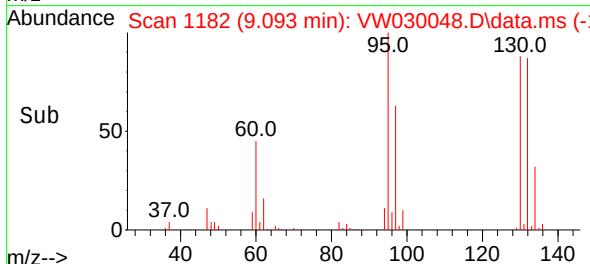
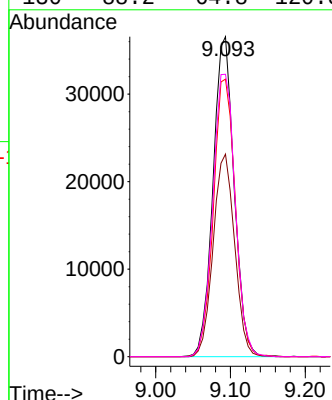
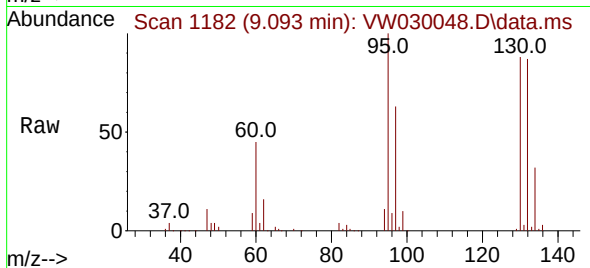
Ion Ratio Lower Upper

95 100

97 63.3 43.3 80.5

132 86.8 63.6 118.0

130 88.2 64.8 120.3



#35

Methylcyclohexane

Concen: 14.304 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW030048.D

Acq: 27 Aug 2024 16:45

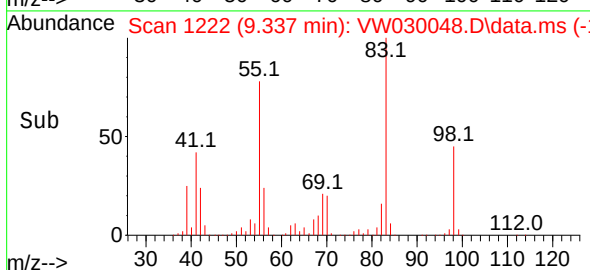
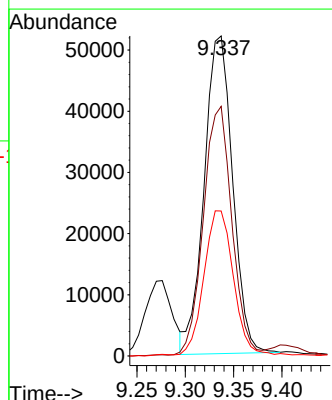
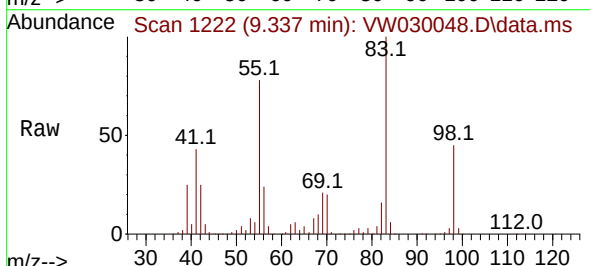
Tgt Ion: 83 Resp: 106404

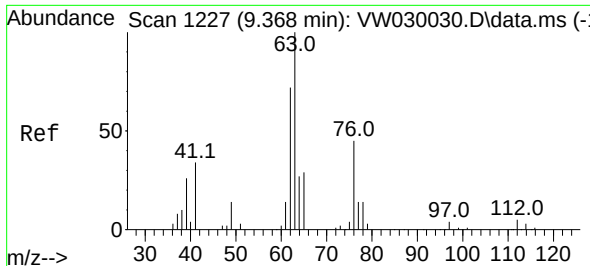
Ion Ratio Lower Upper

83 100

55 79.0 59.0 88.6

98 47.4 38.2 57.4





#37

1,2-Dichloropropane

Concen: 17.305 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW030048.D

Acq: 27 Aug 2024 16:45

Instrument :

MSVOA_W

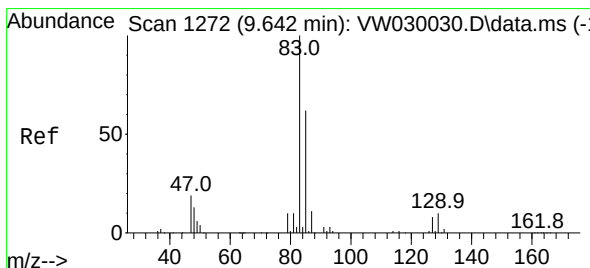
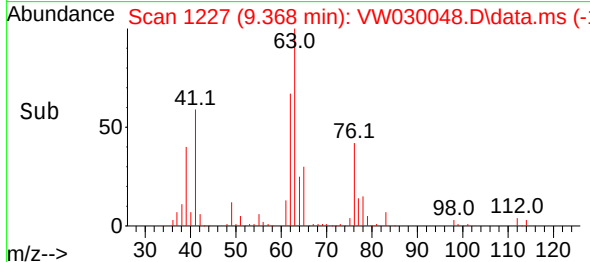
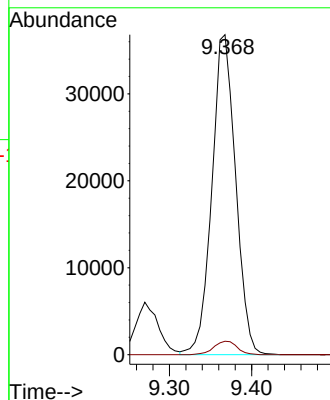
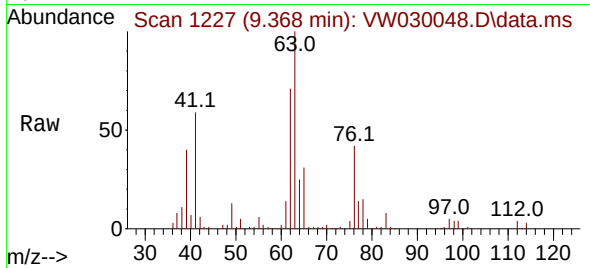
ClientSampleId :

Tgt Ion: 63 Resp: 73916

Ion Ratio Lower Upper

63 100

112 4.1 3.7 5.5



#38

Bromodichloromethane

Concen: 17.155 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW030048.D

Acq: 27 Aug 2024 16:45

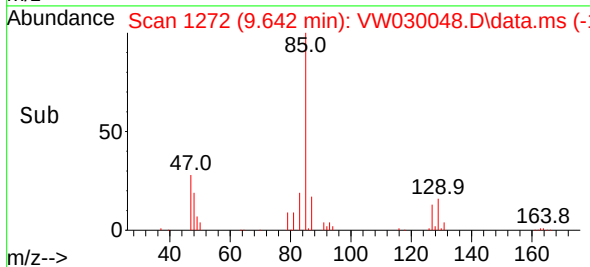
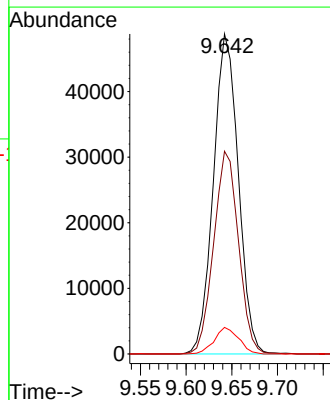
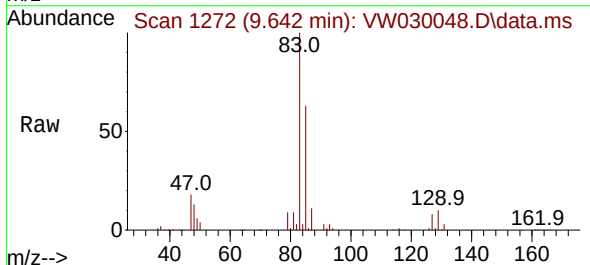
Tgt Ion: 83 Resp: 92456

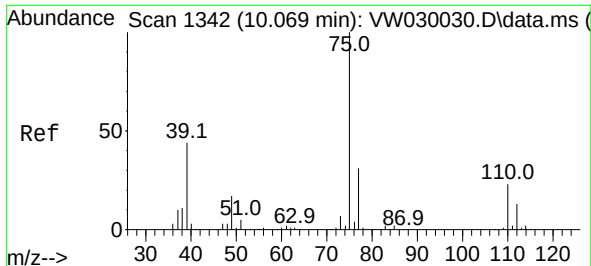
Ion Ratio Lower Upper

83 100

85 63.4 42.9 79.7

127 8.3 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 17.060 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VW030048.D

Acq: 27 Aug 2024 16:45

Instrument :

MSVOA_W

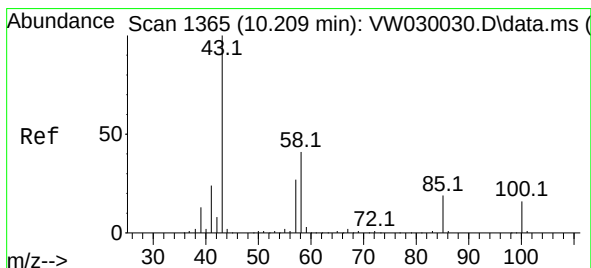
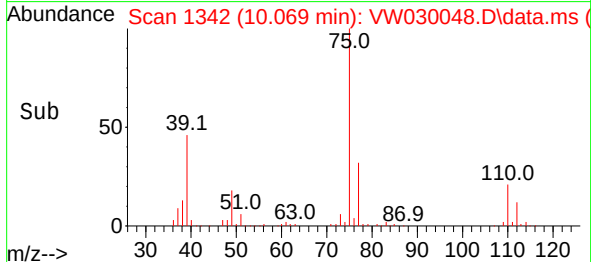
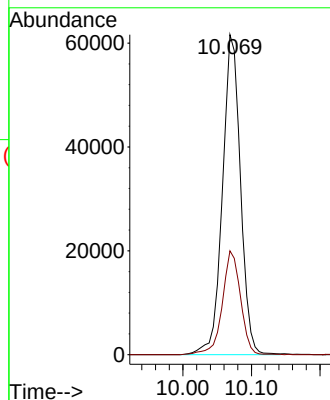
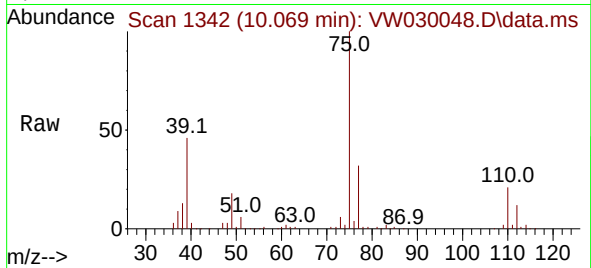
ClientSampleId :

Tgt Ion: 75 Resp: 112158

Ion Ratio Lower Upper

75 100

77 32.4 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 49.660 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW030048.D

Acq: 27 Aug 2024 16:45

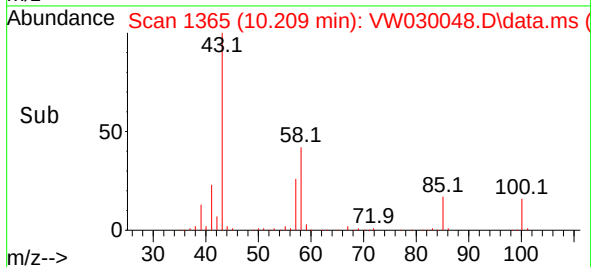
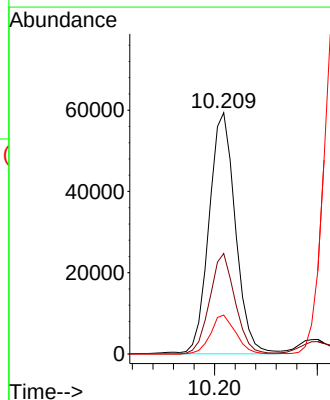
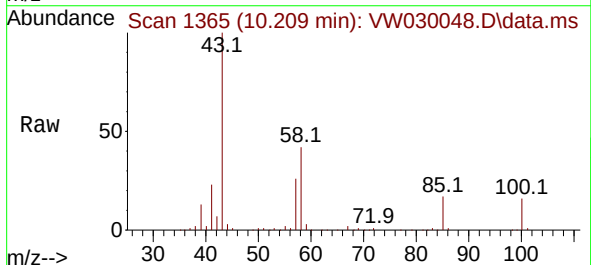
Tgt Ion: 43 Resp: 105586

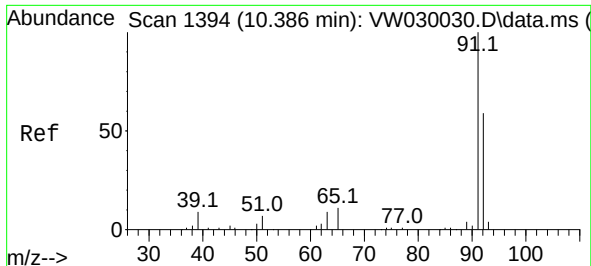
Ion Ratio Lower Upper

43 100

58 40.2 34.0 51.0

100 15.4 13.5 20.3





#42

Toluene

Concen: 16.262 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW030048.D

Acq: 27 Aug 2024 16:45

Instrument :

MSVOA_W

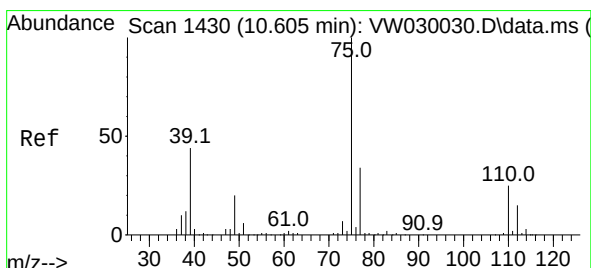
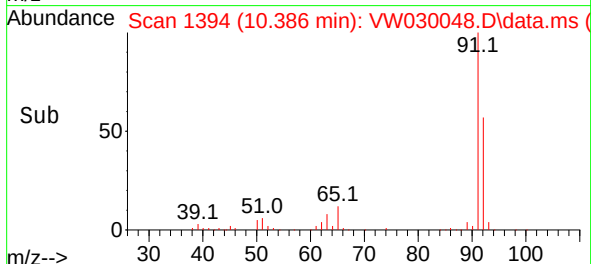
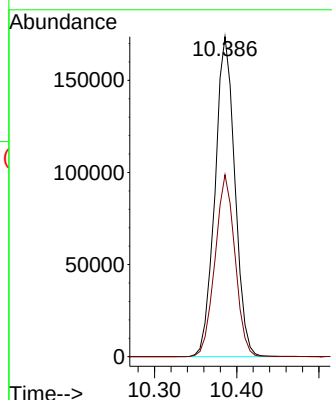
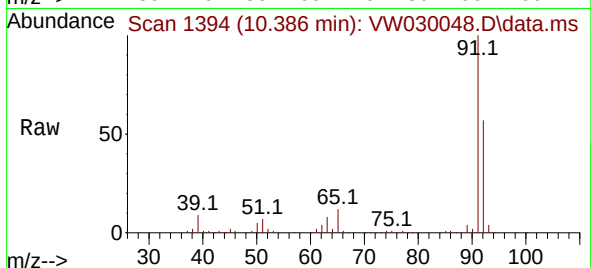
ClientSampleId :

Tgt Ion: 91 Resp: 292113

Ion Ratio Lower Upper

91 100

92 56.9 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 17.815 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW030048.D

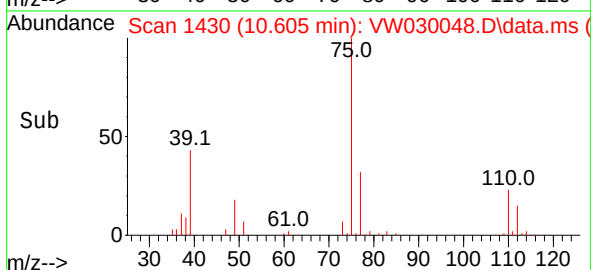
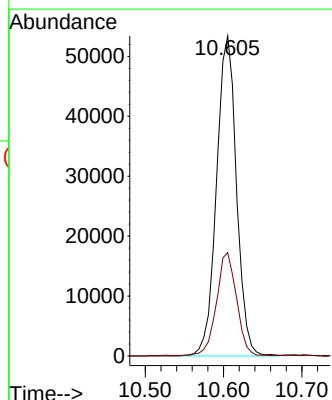
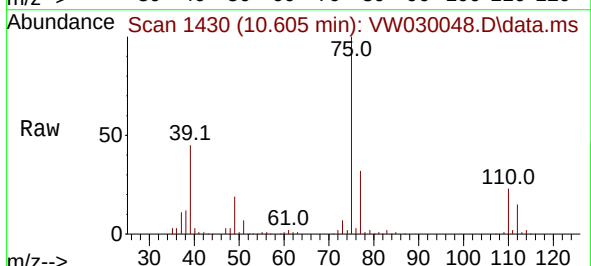
Acq: 27 Aug 2024 16:45

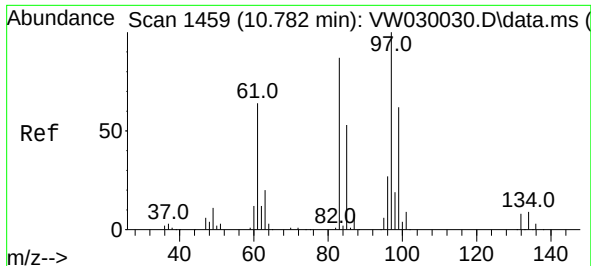
Tgt Ion: 75 Resp: 94774

Ion Ratio Lower Upper

75 100

77 32.3 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 18.131 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VW030048.D

Acq: 27 Aug 2024 16:45

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 56763

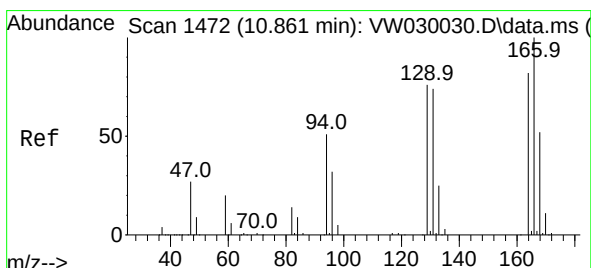
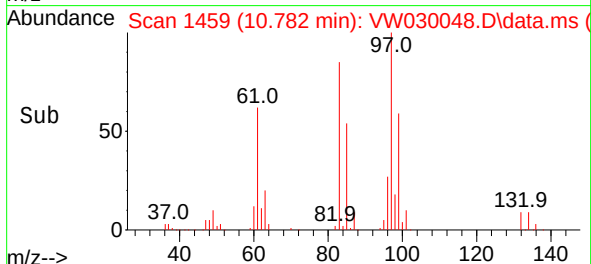
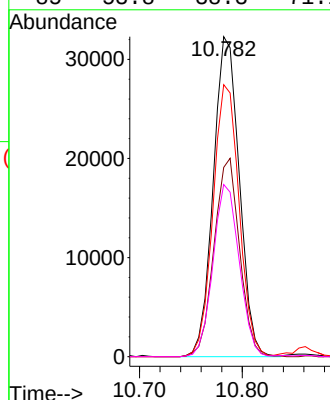
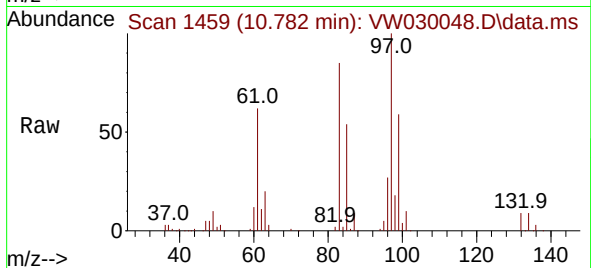
Ion Ratio Lower Upper

97 100

99 59.2 40.3 74.8

83 85.0 58.0 107.6

85 53.8 38.3 71.1



#46

Tetrachloroethene

Concen: 14.032 ug/L

RT: 10.855 min Scan# 1471

Delta R.T. -0.006 min

Lab File: VW030048.D

Acq: 27 Aug 2024 16:45

Tgt Ion:164 Resp: 48371

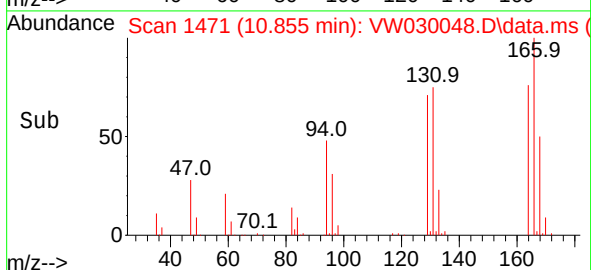
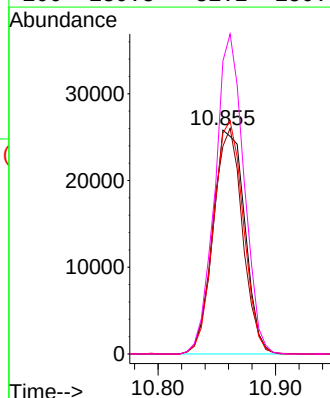
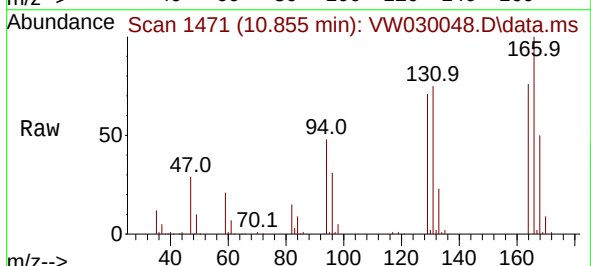
Ion Ratio Lower Upper

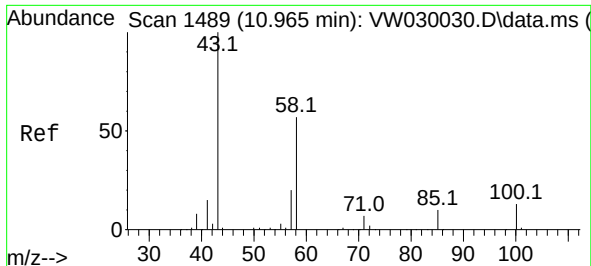
164 100

129 92.8 66.1 122.7

131 98.7 62.6 116.2

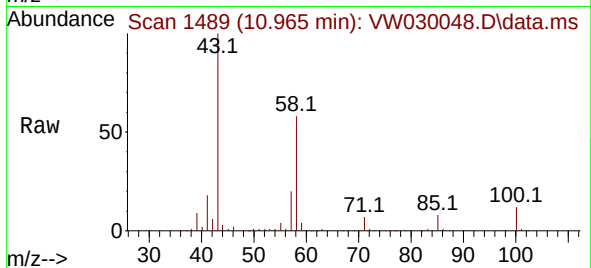
166 130.8 81.2 150.8



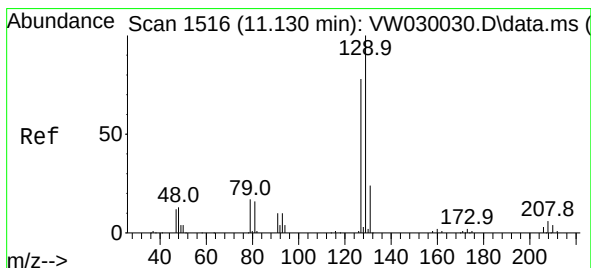
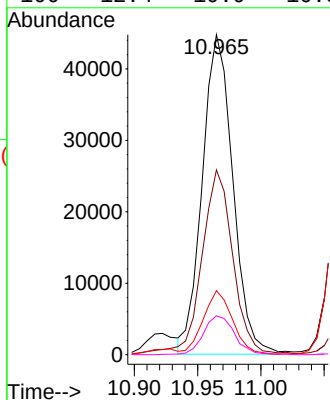
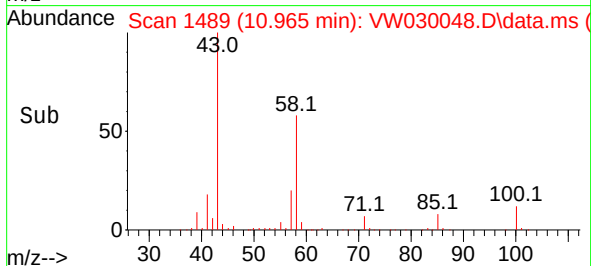


#48
2-Hexanone
Concen: 49.709 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW030048.D
Acq: 27 Aug 2024 16:45

Instrument :
MSVOA_W
ClientSampleId :

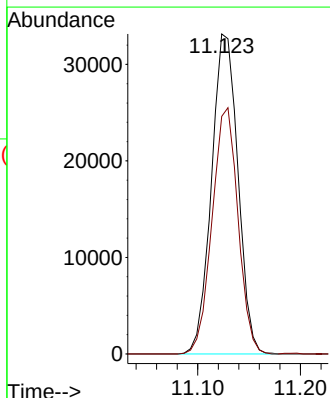
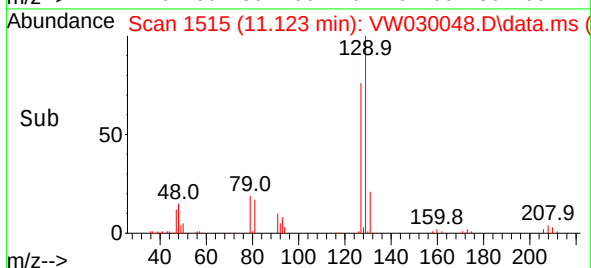
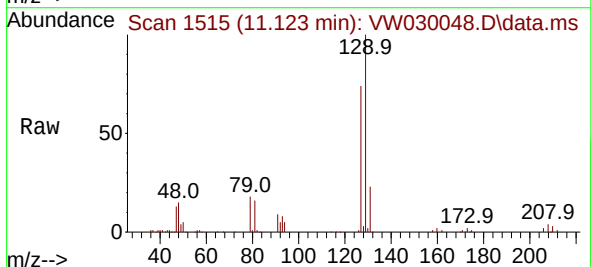


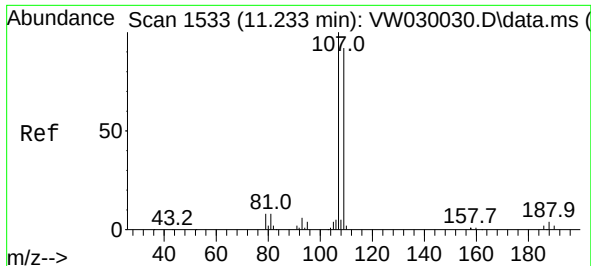
Tgt Ion: 43 Resp: 75135
Ion Ratio Lower Upper
43 100
58 59.2 50.0 75.0
57 19.5 17.3 25.9
100 12.4 10.9 16.3



#49
Dibromochloromethane
Concen: 17.805 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW030048.D
Acq: 27 Aug 2024 16:45

Tgt Ion: 129 Resp: 59227
Ion Ratio Lower Upper
129 100
127 74.2 51.8 96.2





#50

1,2-Dibromoethane

Concen: 18.023 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

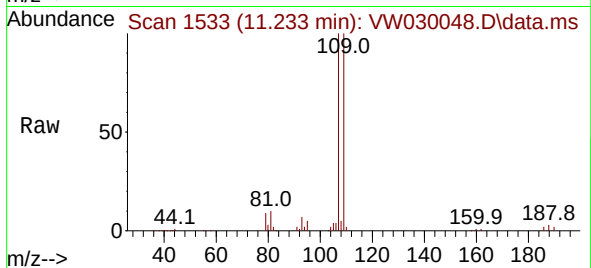
Lab File: VW030048.D

Acq: 27 Aug 2024 16:45

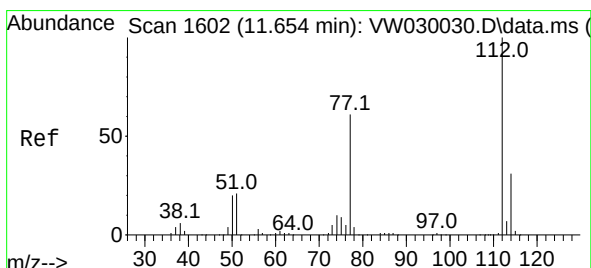
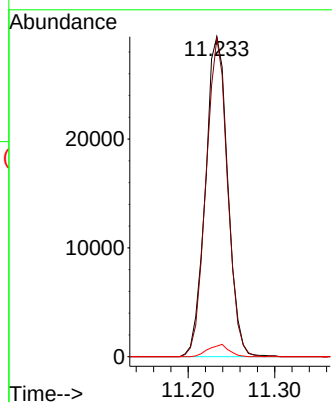
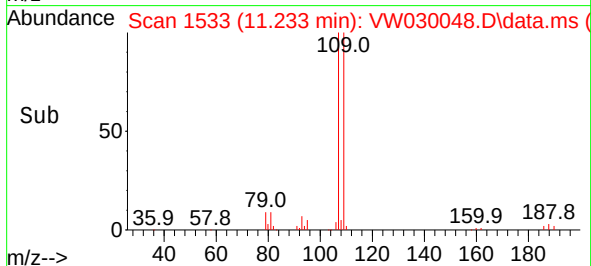
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	107	Resp:	52707
Ion Ratio	Lower	Upper	
107	100		
109	99.5	61.7	114.5
188	3.3	3.1	4.7



#51

Chlorobenzene

Concen: 14.531 ug/L

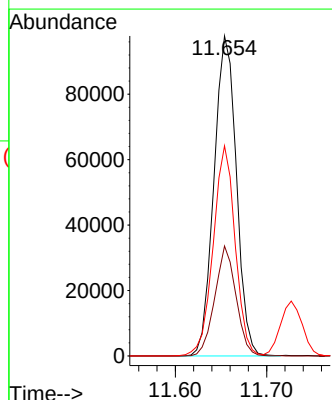
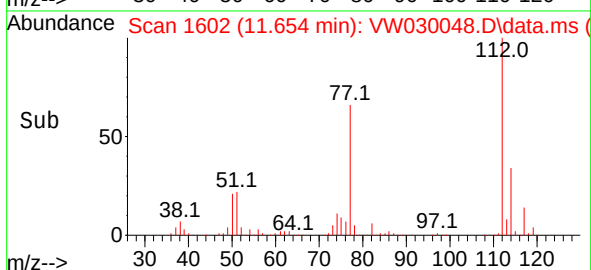
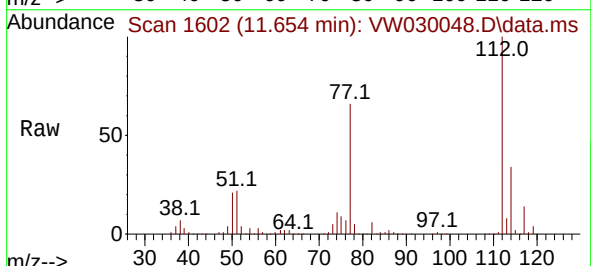
RT: 11.654 min Scan# 1602

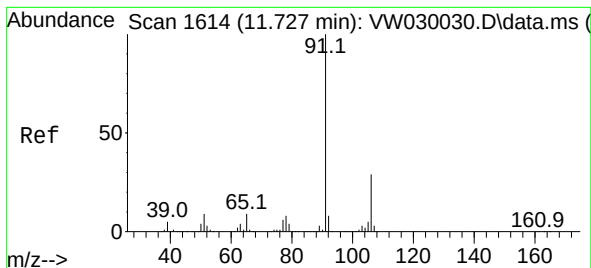
Delta R.T. -0.000 min

Lab File: VW030048.D

Acq: 27 Aug 2024 16:45

Tgt Ion:	112	Resp:	166892
Ion Ratio	Lower	Upper	
112	100		
114	34.3	20.9	38.9
77	65.7	47.1	70.7





#52

Ethylbenzene

Concen: 15.075 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW030048.D

Acq: 27 Aug 2024 16:45

Instrument :

MSVOA_W

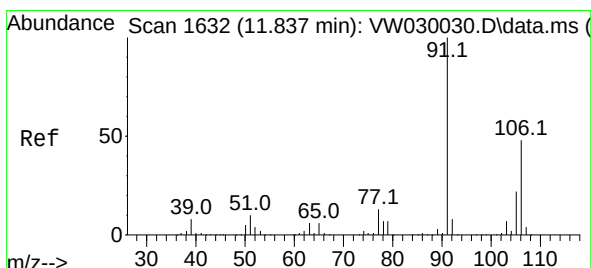
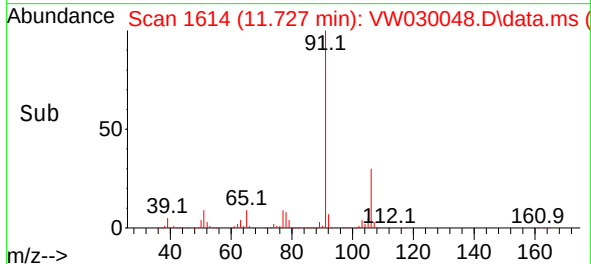
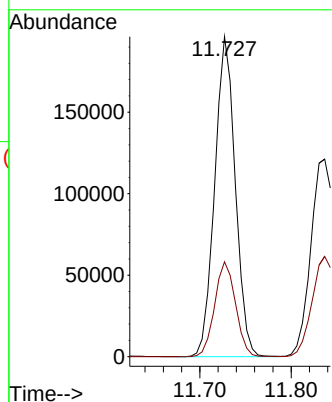
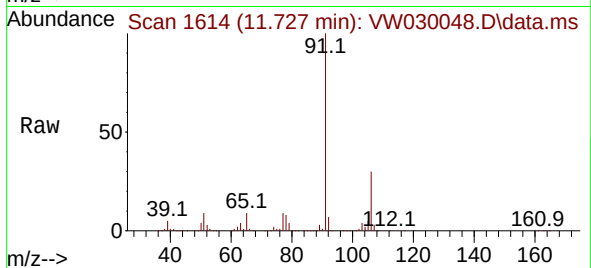
ClientSampleId :

Tgt Ion: 91 Resp: 306832

Ion Ratio Lower Upper

91 100

106 29.7 22.0 41.0



#53

m,p-Xylene

Concen: 15.001 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW030048.D

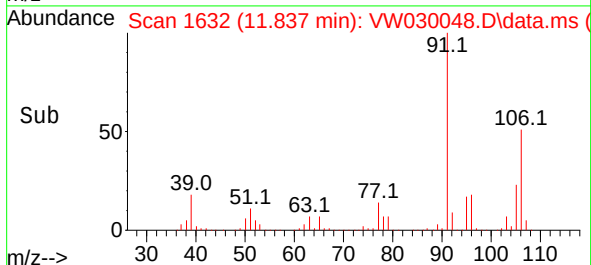
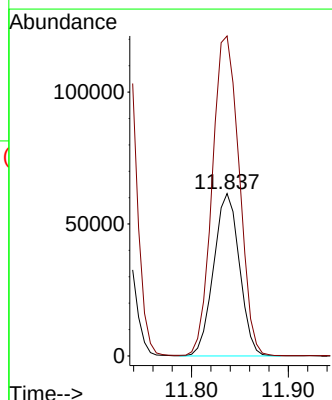
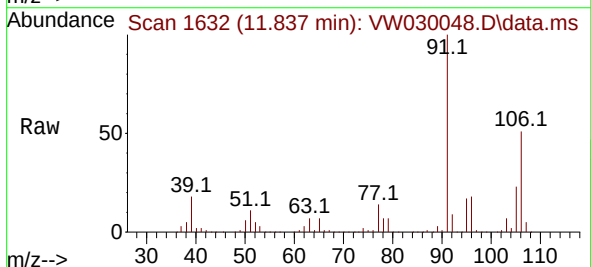
Acq: 27 Aug 2024 16:45

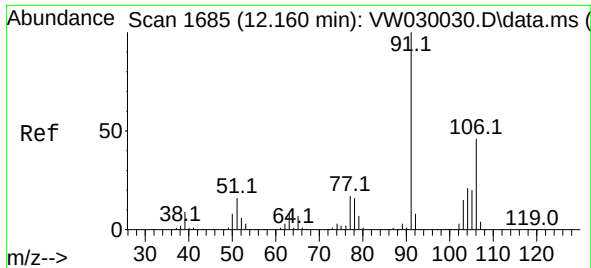
Tgt Ion:106 Resp: 113940

Ion Ratio Lower Upper

106 100

91 197.1 146.7 272.4

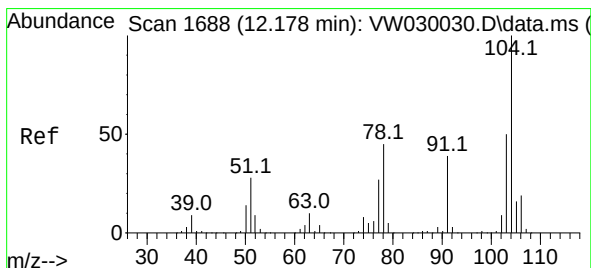
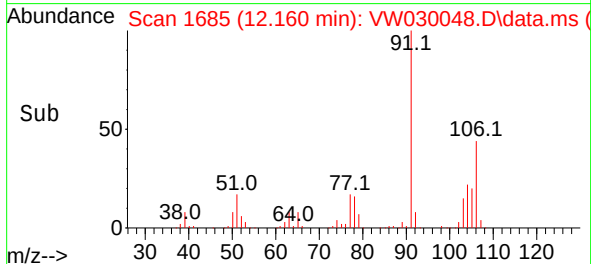
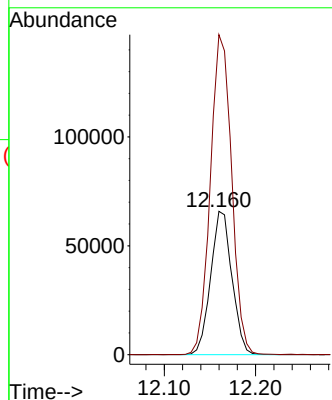
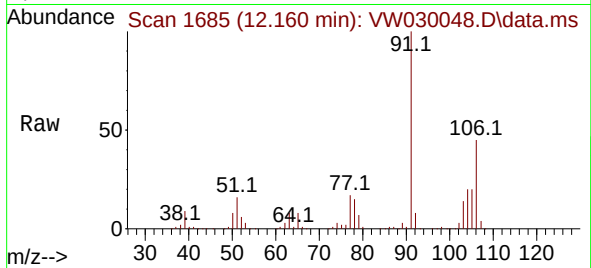




#54
o-Xylene
Concen: 14.595 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW030048.D
Acq: 27 Aug 2024 16:45

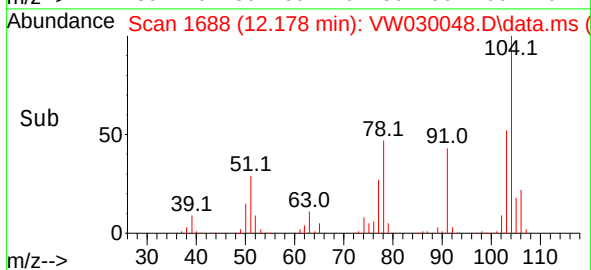
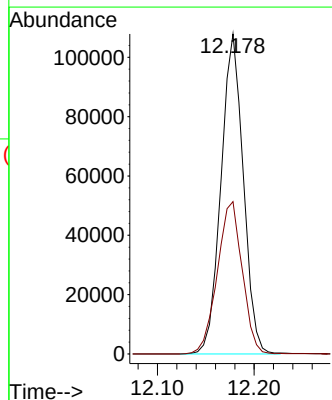
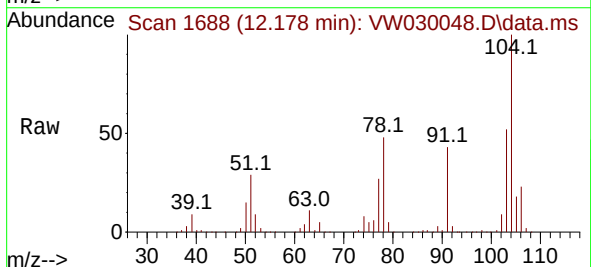
Instrument :
MSVOA_W
ClientSampleId :

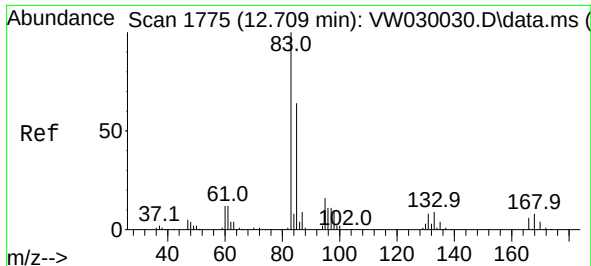
Tgt Ion:106 Resp: 106403
Ion Ratio Lower Upper
106 100
91 223.3 153.9 285.7



#55
Styrene
Concen: 14.142 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW030048.D
Acq: 27 Aug 2024 16:45

Tgt Ion:104 Resp: 172741
Ion Ratio Lower Upper
104 100
78 47.6 32.8 60.8





#57

1,1,2,2-Tetrachloroethane

Concen: 19.743 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW030048.D

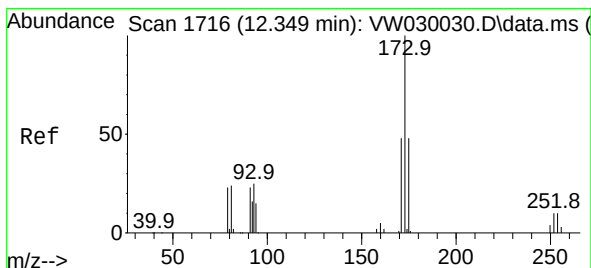
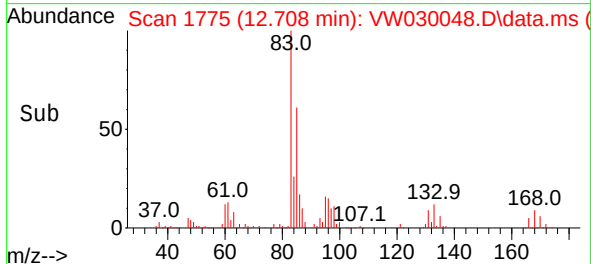
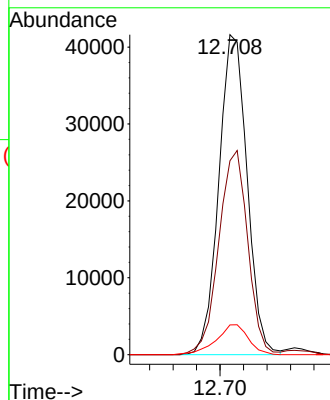
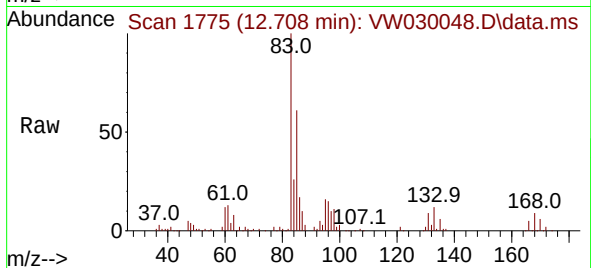
Acq: 27 Aug 2024 16:45

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 83	Resp: 69605
Ion Ratio	Lower Upper
83 100	
85 60.6	44.0 81.8
131 9.3	7.3 10.9



#59

Bromoform

Concen: 21.650 ug/L

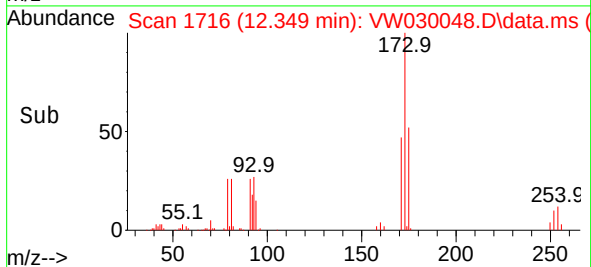
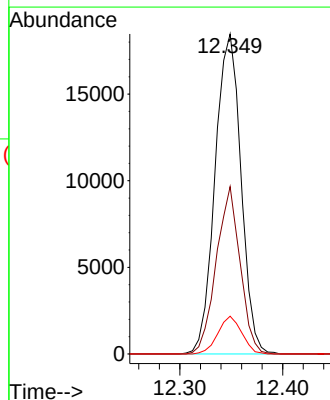
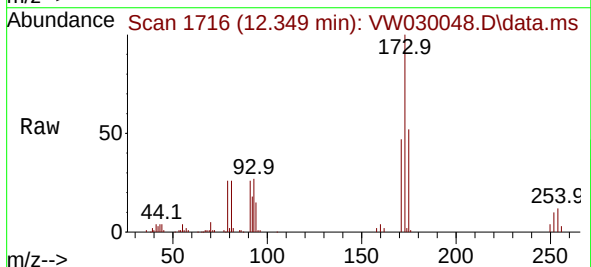
RT: 12.349 min Scan# 1716

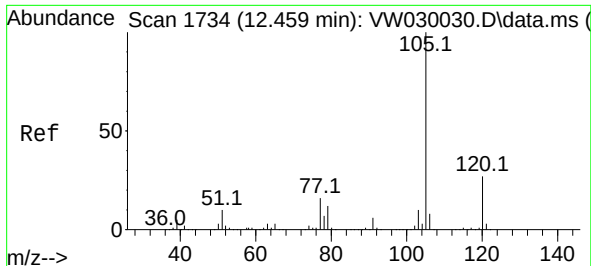
Delta R.T. -0.000 min

Lab File: VW030048.D

Acq: 27 Aug 2024 16:45

Tgt Ion: 173	Resp: 32308
Ion Ratio	Lower Upper
173 100	
175 48.0	41.4 62.2
254 10.8	8.6 13.0





#60

Isopropylbenzene

Concen: 17.383 ug/L

RT: 12.459 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW030048.D

Acq: 27 Aug 2024 16:45

Instrument :

MSVOA_W

ClientSampleId :

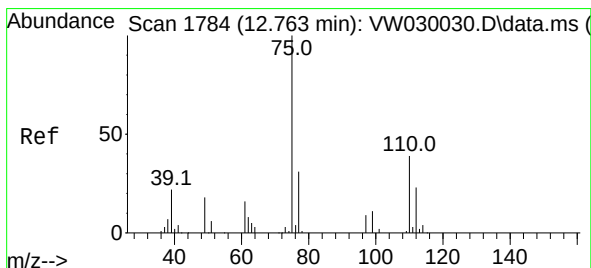
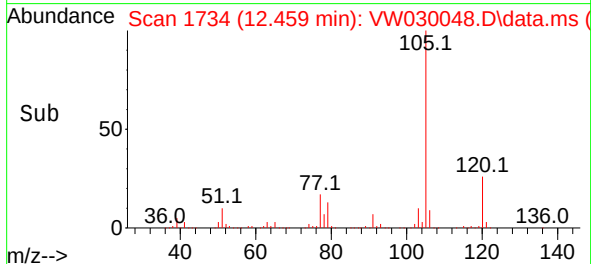
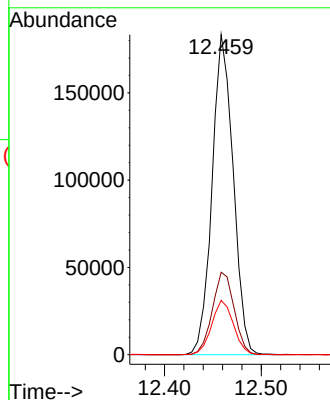
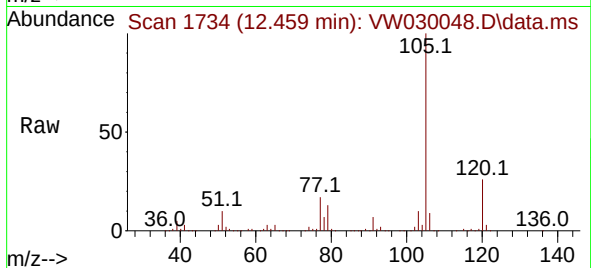
Tgt Ion:105 Resp: 277901

Ion Ratio Lower Upper

105 100

120 26.6 20.6 30.8

77 17.6 12.6 18.8



#61

1,2,3-Trichloropropane

Concen: 24.589 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW030048.D

Acq: 27 Aug 2024 16:45

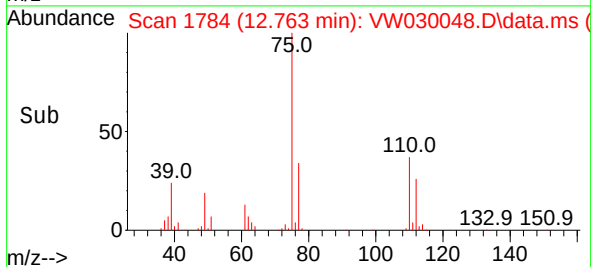
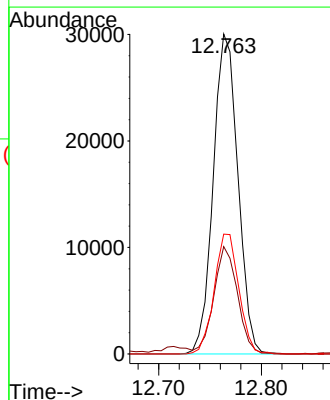
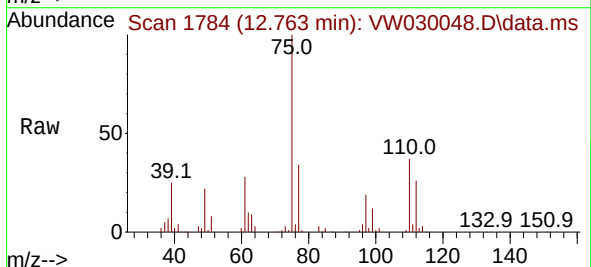
Tgt Ion: 75 Resp: 50101

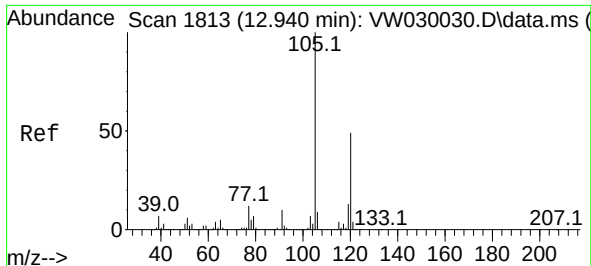
Ion Ratio Lower Upper

75 100

77 32.2 26.0 39.0

110 37.4 31.0 46.4





#62

1,3,5-Trimethylbenzene

Concen: 17.545 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW030048.D

Acq: 27 Aug 2024 16:45

Instrument :

MSVOA_W

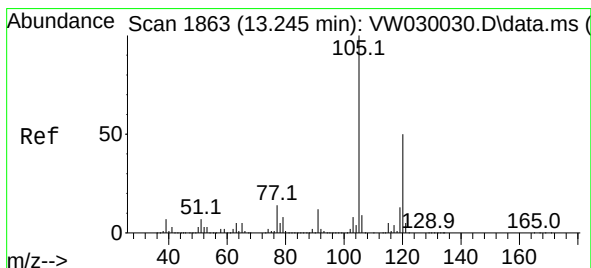
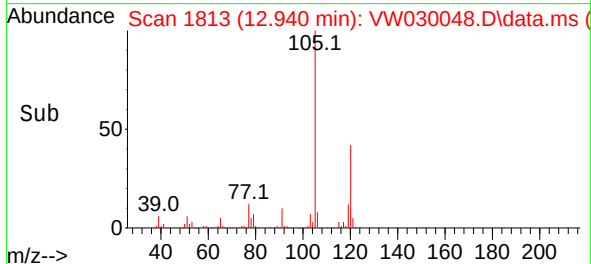
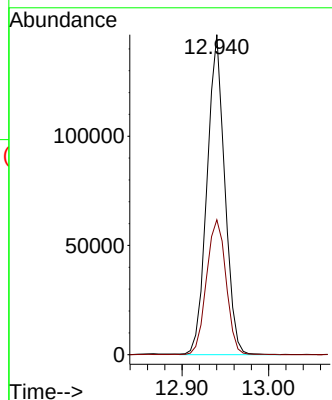
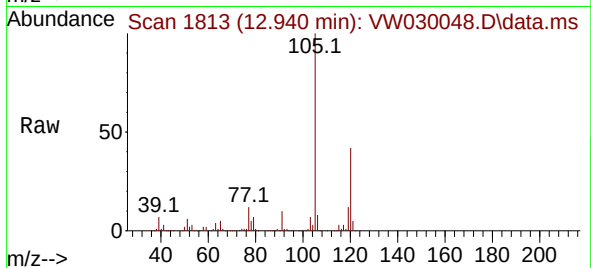
ClientSampleId :

Tgt Ion:105 Resp: 208563

Ion Ratio Lower Upper

105 100

120 46.1 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 17.063 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW030048.D

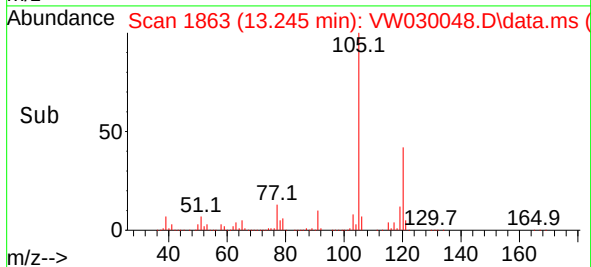
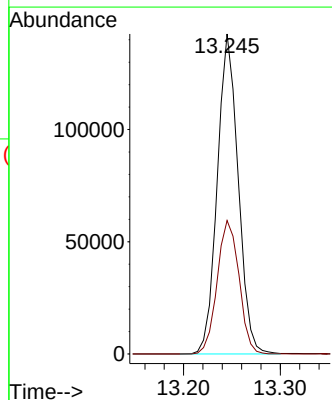
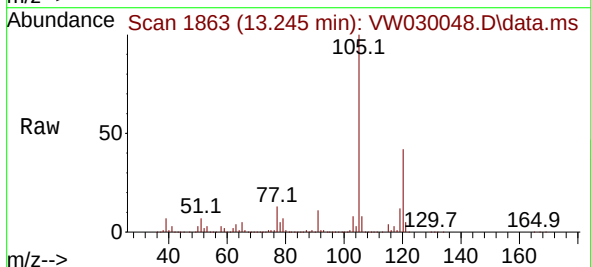
Acq: 27 Aug 2024 16:45

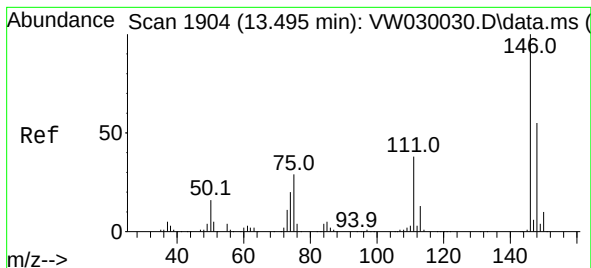
Tgt Ion:105 Resp: 213787

Ion Ratio Lower Upper

105 100

120 43.5 36.3 54.5





#64

1,3-Dichlorobenzene

Concen: 15.783 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW030048.D

Acq: 27 Aug 2024 16:45

Instrument :

MSVOA_W

ClientSampleId :

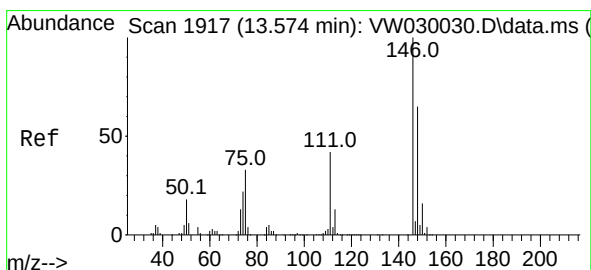
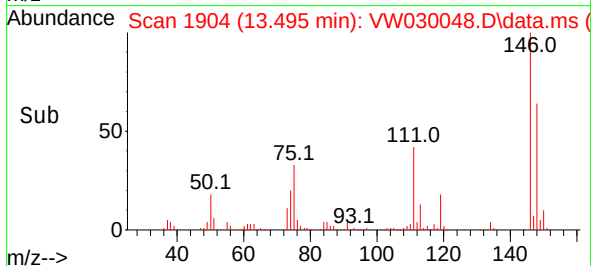
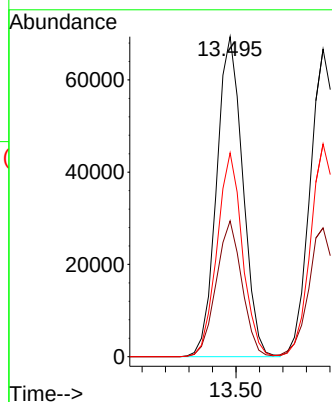
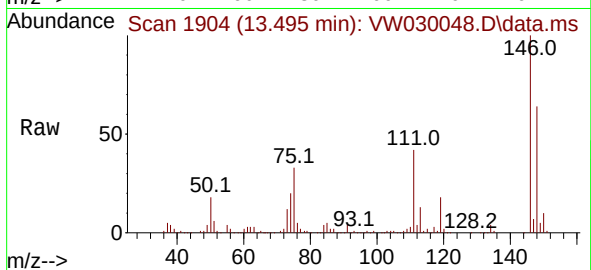
Tgt Ion:146 Resp: 107570

Ion Ratio Lower Upper

146 100

111 42.5 29.1 54.1

148 63.7 43.9 81.5



#65

1,4-Dichlorobenzene

Concen: 15.492 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW030048.D

Acq: 27 Aug 2024 16:45

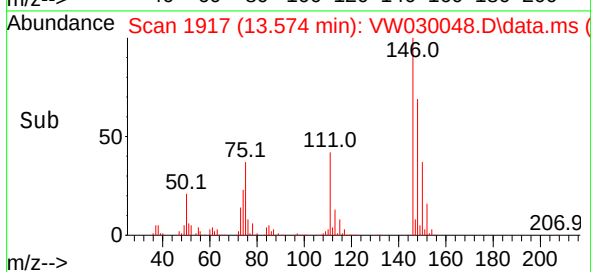
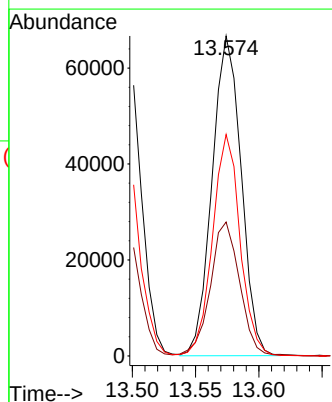
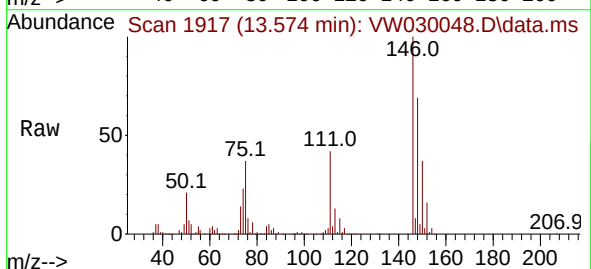
Tgt Ion:146 Resp: 106663

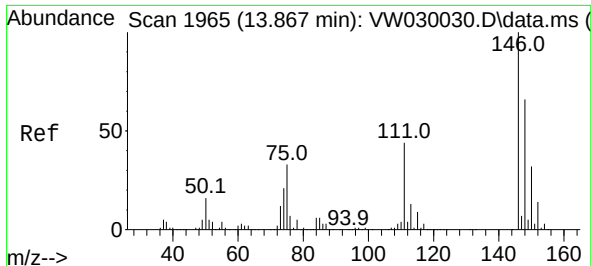
Ion Ratio Lower Upper

146 100

111 41.9 28.2 52.4

148 69.2 45.8 85.2

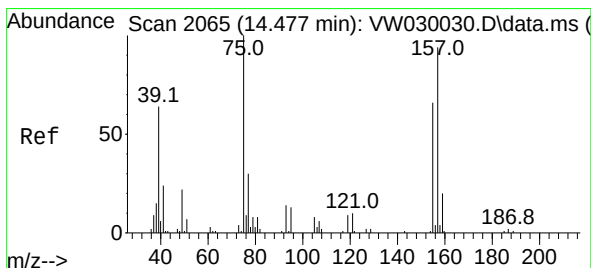
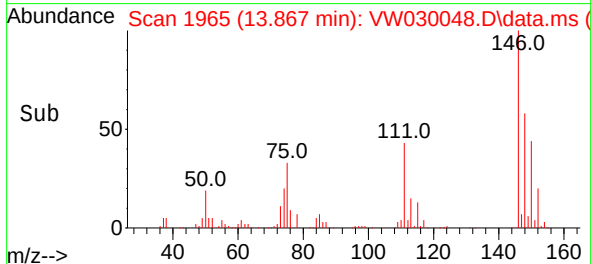
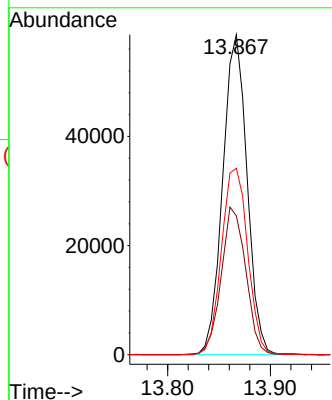
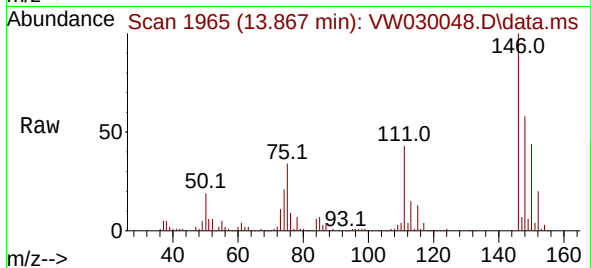




#67
1,2-Dichlorobenzene
Concen: 15.786 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW030048.D
Acq: 27 Aug 2024 16:45

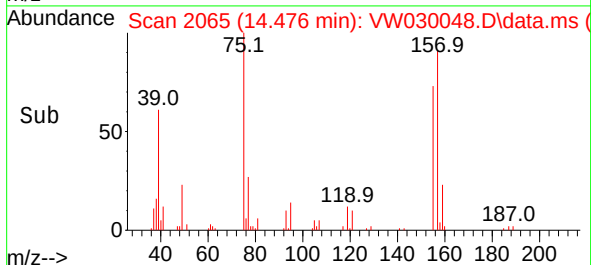
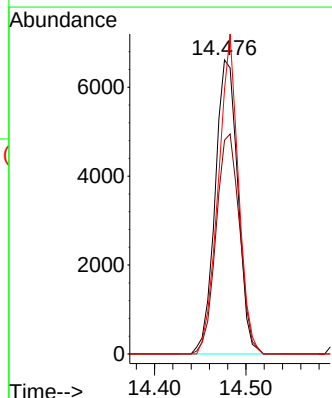
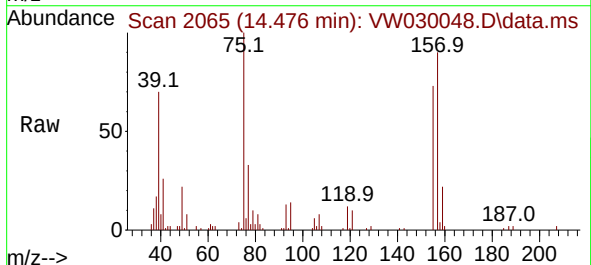
Instrument :
MSVOA_W
ClientSampleId :

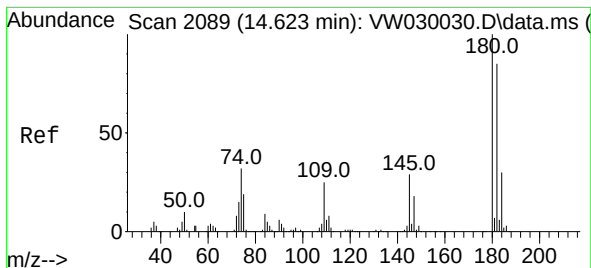
Tgt Ion:146 Resp: 96243
Ion Ratio Lower Upper
146 100
111 43.4 34.7 52.1
148 58.3 51.4 77.0



#68
1,2-Dibromo-3-chloropropane
Concen: 26.138 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VW030048.D
Acq: 27 Aug 2024 16:45

Tgt Ion: 75 Resp: 11400
Ion Ratio Lower Upper
75 100
155 72.7 62.8 94.2
157 90.0 84.3 126.5





#69

1,3,5-Trichlorobenzene

Concen: 11.022 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

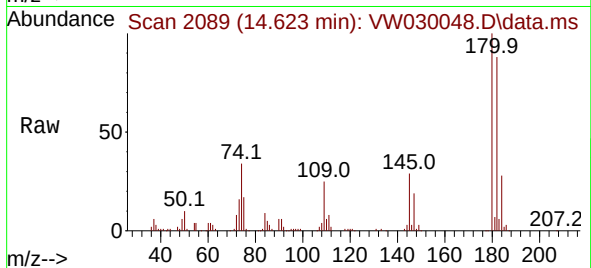
Lab File: VW030048.D

Acq: 27 Aug 2024 16:45

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 49042

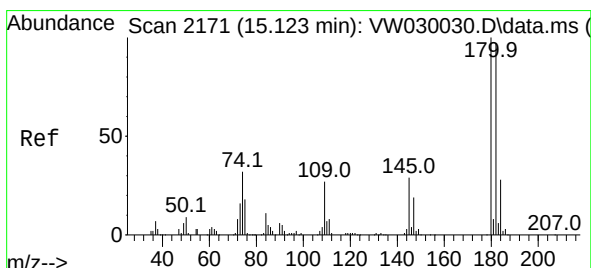
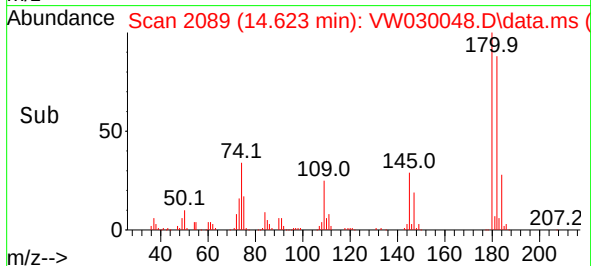
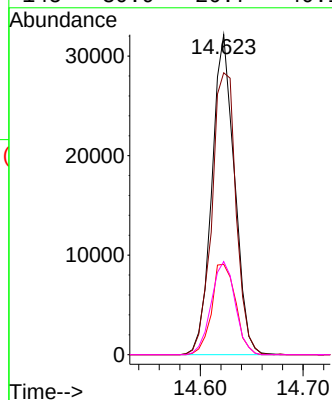
Ion Ratio Lower Upper

180 100

182 94.3 79.7 119.5

184 30.0 25.1 37.7

145 30.9 26.7 40.1



#70

1,2,4-trichlorobenzene

Concen: 10.851 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW030048.D

Acq: 27 Aug 2024 16:45

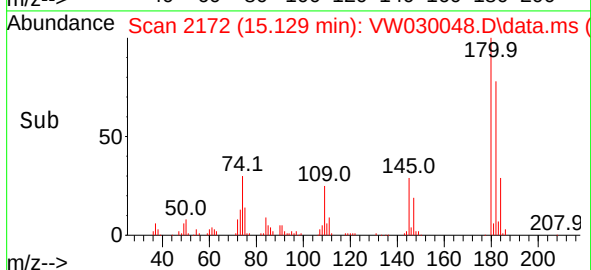
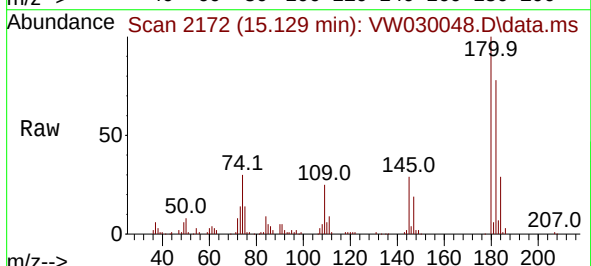
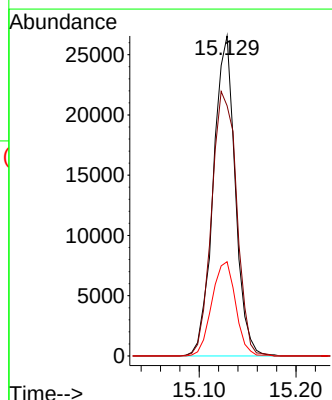
Tgt Ion:180 Resp: 41791

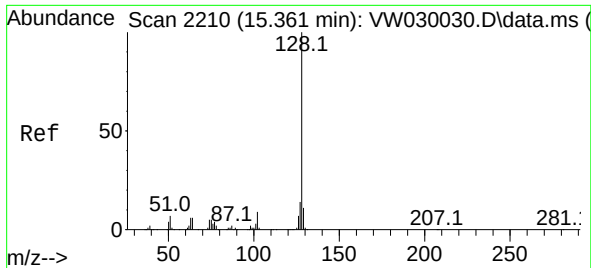
Ion Ratio Lower Upper

180 100

182 94.0 75.3 112.9

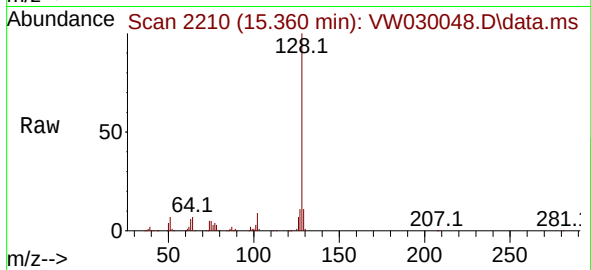
145 31.9 24.7 37.1



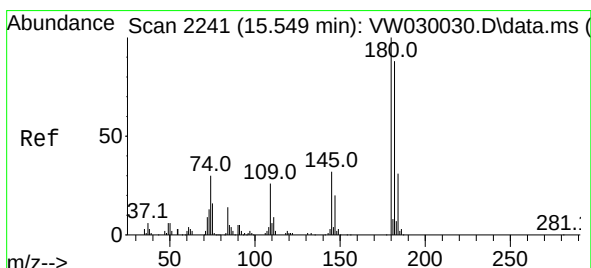
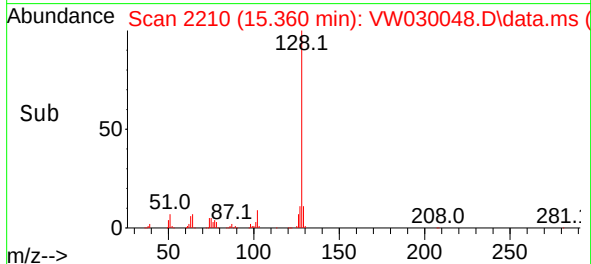
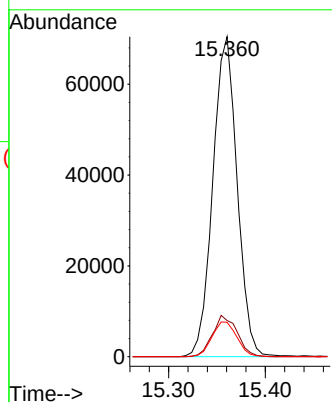


#71
Naphthalene
Concen: 16.746 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VW030048.D
Acq: 27 Aug 2024 16:45

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:128 Resp: 123150
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 11.2 8.9 13.3



#72
1,2,3-Trichlorobenzene
Concen: 11.225 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW030048.D
Acq: 27 Aug 2024 16:45

Tgt Ion:180 Resp: 37945
Ion Ratio Lower Upper
180 100
182 91.6 77.2 115.8
145 32.4 26.5 39.7

