

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092624\
 Data File : VW030253.D
 Acq On : 26 Sep 2024 11:54
 Operator : SY/MD
 Sample : VSTD050
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 27 04:09:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092624SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 27 04:06:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	177039	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	154832	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	72544	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	114929	48.112	ug/L	0.00
7) Chloroethane-d5	2.899	69	82640	46.935	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	58091	49.093	ug/L	0.00
21) 2-Butanone-d5	7.075	46	42374	69.025	ug/L	0.00
24) Chloroform-d	7.648	84	251344	47.947	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	116307	43.499	ug/L	0.00
32) Benzene-d6	8.276	84	513617	52.514	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	150974	49.858	ug/L	0.00
41) Toluene-d8	10.319	98	473088	54.427	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	53137	46.297	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	33386	78.765	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	80745	39.038	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	126395	50.067	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	100376	52.705	ug/L #	89
3) Chloromethane	2.222	50	134222	49.354	ug/L	98
5) Vinyl chloride	2.375	62	129814	47.377	ug/L	96
6) Bromomethane	2.789	94	73941	44.483	ug/L	95
8) Chloroethane	2.930	64	71264	44.441	ug/L	96
9) Trichlorofluoromethane	3.271	101	117392	48.487	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	114035	51.793	ug/L #	81
12) 1,1-Dichloroethene	4.045	96	112038	49.909	ug/L	98
13) Acetone	4.118	43	61499	78.577	ug/L	100
14) Carbon disulfide	4.387	76	392146	48.428	ug/L	99
15) Methyl Acetate	4.673	43	36423	32.038	ug/L	100
16) Methylene chloride	4.917	84	111656	41.174	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	126144	49.319	ug/L	96
18) Methyl tert-butyl Ether	5.423	73	140809	40.179	ug/L	98
19) 1,1-Dichloroethane	6.216	63	250620	48.599	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	132530	48.387	ug/L	98
22) 2-Butanone	7.167	43	70471	72.045	ug/L	98
23) Bromochloromethane	7.508	128	48998	43.848	ug/L	97
25) Chloroform	7.673	83	235330	46.898	ug/L	99
27) 1,2-Dichloroethane	8.398	62	135642	41.745	ug/L	99
29) Cyclohexane	7.959	56	221651	56.261	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	197433	51.513	ug/L	99
31) Carbon tetrachloride	8.069	117	179518	51.699	ug/L	99
33) Benzene	8.325	78	545858	51.448	ug/L	100
34) Trichloroethene	9.087	95	139766	50.783	ug/L	96
35) Methylcyclohexane	9.331	83	235695	54.459	ug/L	99
37) 1,2-Dichloropropane	9.367	63	134729	47.909	ug/L	100
38) Bromodichloromethane	9.642	83	157487	48.083	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	194682	48.751	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	102010	73.534	ug/L	100
42) Toluene	10.386	91	568006	51.874	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	149961	46.217	ug/L	97

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

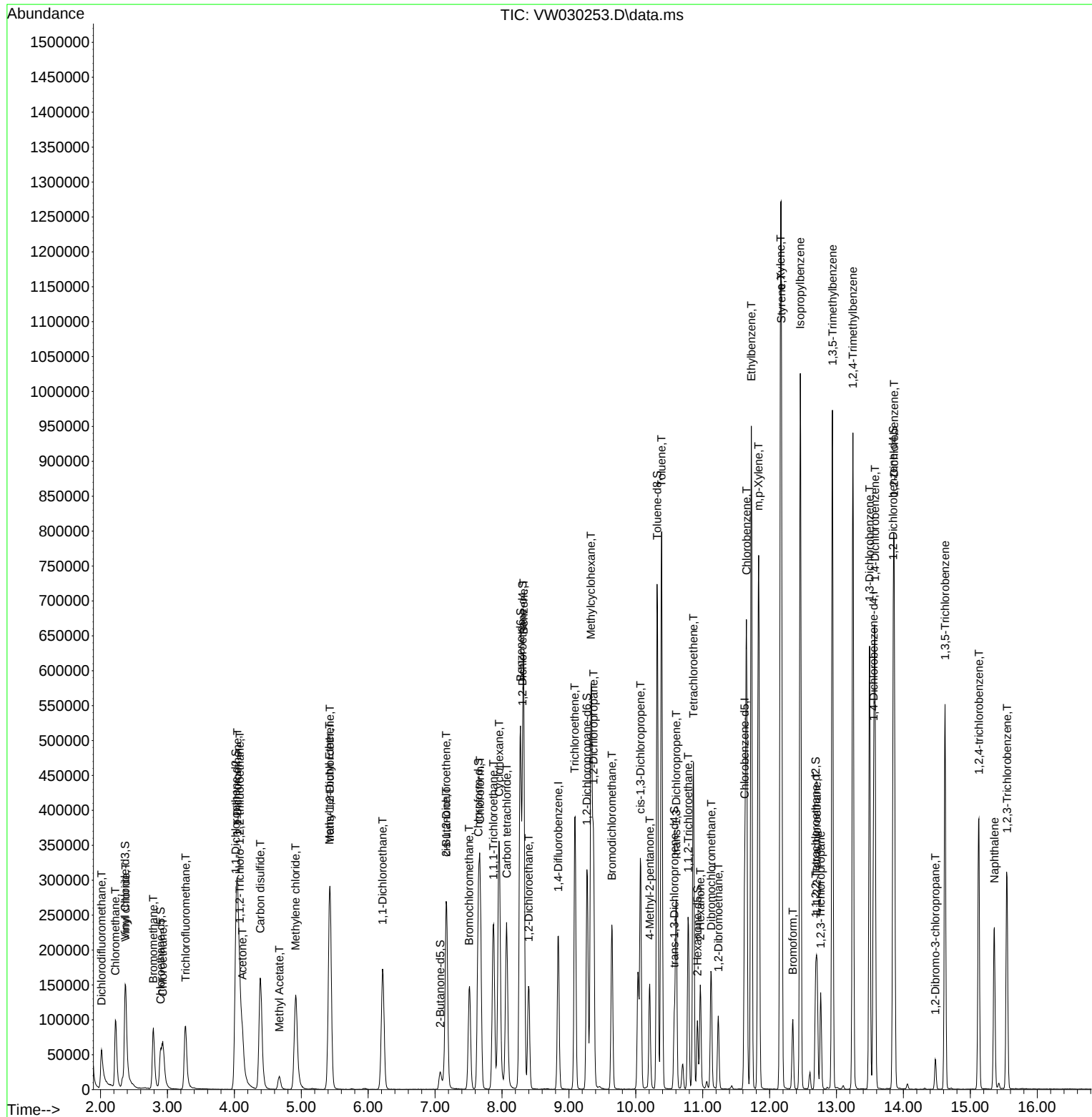
45) 1,1,2-Trichloroethane	10.782	97	75063	41.897	ug/L	95
46) Tetrachloroethene	10.861	164	99223	51.553	ug/L	92
48) 2-Hexanone	10.965	43	94845	81.299	ug/L	99
49) Dibromochloromethane	11.129	129	86057	44.756	ug/L	99
50) 1,2-Dibromoethane	11.233	107	68483	40.680	ug/L #	99
51) Chlorobenzene	11.654	112	328745	48.829	ug/L	97
52) Ethylbenzene	11.727	91	658125	53.179	ug/L	99
53) m,p-Xylene	11.837	106	237052	52.860	ug/L	99
54) o-Xylene	12.166	106	227114	53.918	ug/L	96
55) Styrene	12.178	104	374094	52.755	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	79469	37.479	ug/L	98
59) Bromoform	12.349	173	43535	43.103	ug/L	98
60) Isopropylbenzene	12.458	105	640088	57.760	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	56110	39.351	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	511181	59.267	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	488158	57.713	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	244765	51.925	ug/L	89
65) 1,4-Dichlorobenzene	13.574	146	234083	48.531	ug/L	97
67) 1,2-Dichlorobenzene	13.861	146	199613	48.609	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.476	75	11099	35.351	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	154835	50.293	ug/L	95
70) 1,2,4-trichlorobenzene	15.129	180	117622	47.180	ug/L	97
71) Naphthalene	15.360	128	190425	44.007	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	97953	45.055	ug/L	94

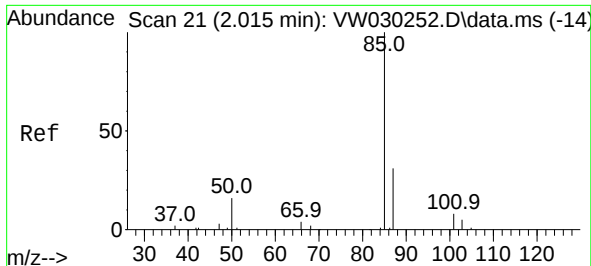
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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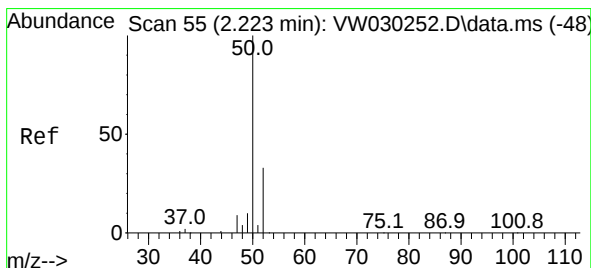
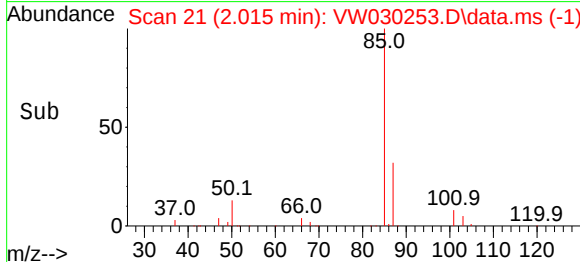
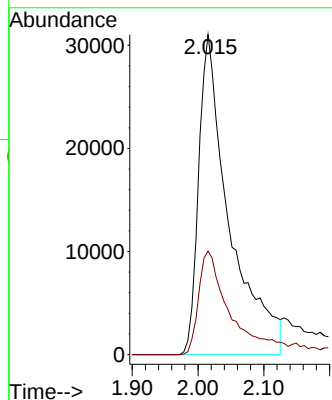
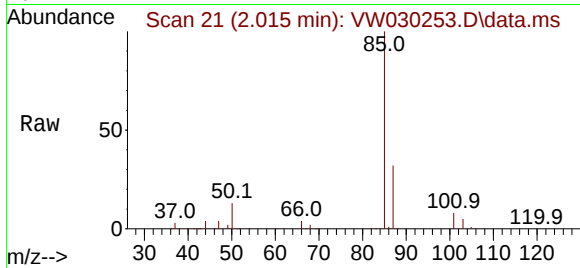




#2
 Dichlorodifluoromethane
 Concen: 52.705 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW030253.D
 Acq: 26 Sep 2024 11:54

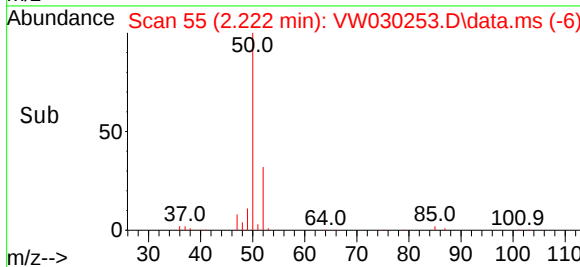
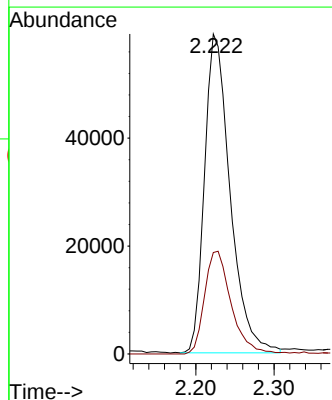
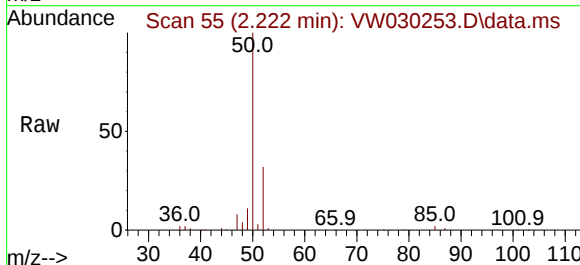
Instrument :
 MSVOA_W
 ClientSampleId :

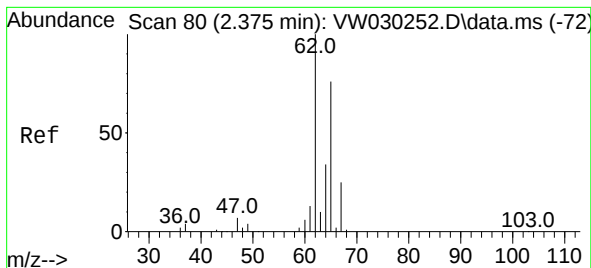
Tgt Ion: 85 Resp: 100376
 Ion Ratio Lower Upper
 85 100
 87 33.5 22.2 33.4#



#3
 Chloromethane
 Concen: 49.354 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW030253.D
 Acq: 26 Sep 2024 11:54

Tgt Ion: 50 Resp: 134222
 Ion Ratio Lower Upper
 50 100
 52 31.7 23.0 42.6





#5

Vinyl chloride

Concen: 47.377 ug/L

RT: 2.375 min Scan# 80

Delta R.T. -0.000 min

Lab File: VW030253.D

Acq: 26 Sep 2024 11:54

Instrument :

MSVOA_W

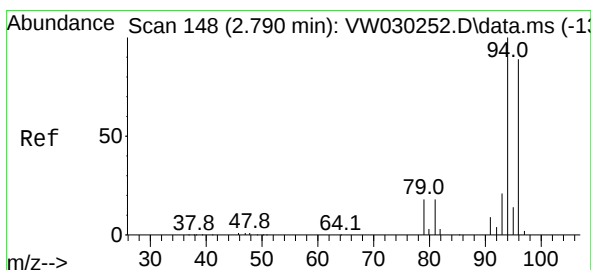
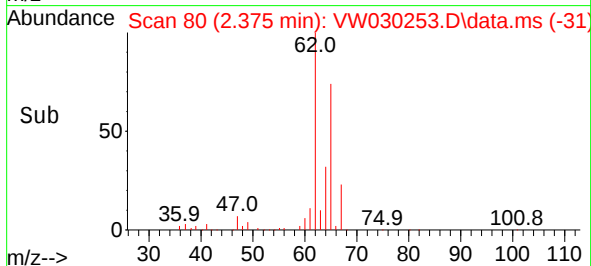
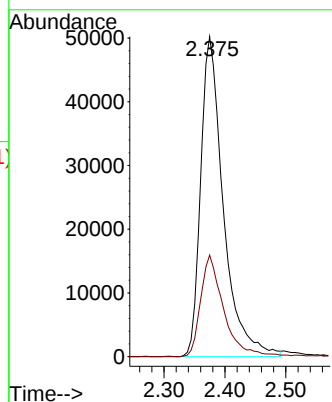
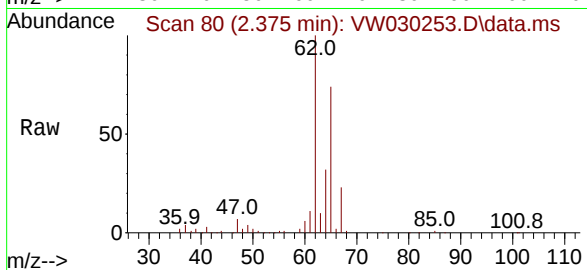
ClientSampleId :

Tgt Ion: 62 Resp: 129814

Ion Ratio Lower Upper

62 100

64 31.7 23.7 44.1



#6

Bromomethane

Concen: 44.483 ug/L

RT: 2.789 min Scan# 148

Delta R.T. -0.000 min

Lab File: VW030253.D

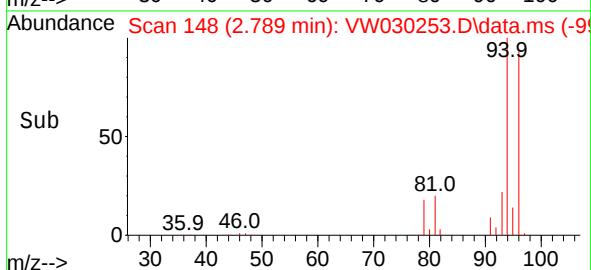
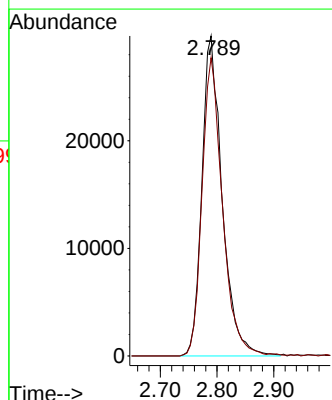
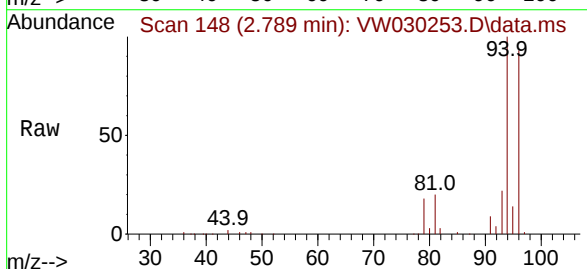
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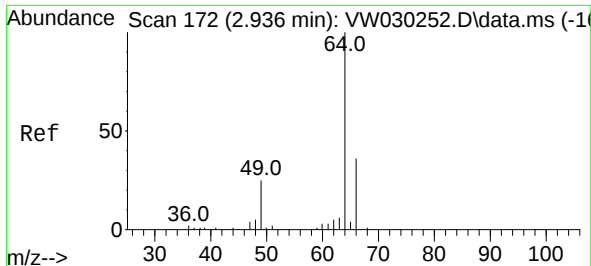
Tgt Ion: 94 Resp: 73941

Ion Ratio Lower Upper

94 100

96 93.2 62.0 115.2

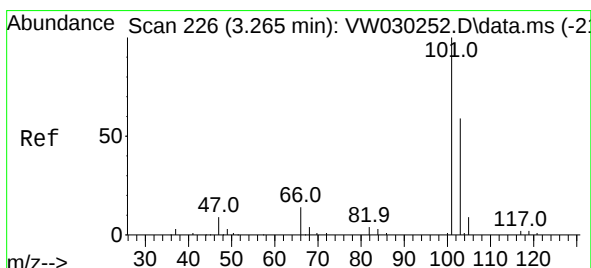
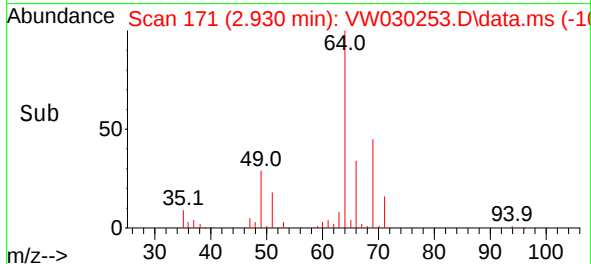
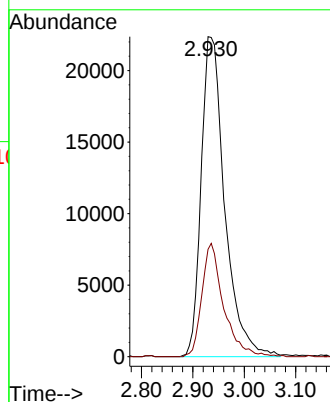
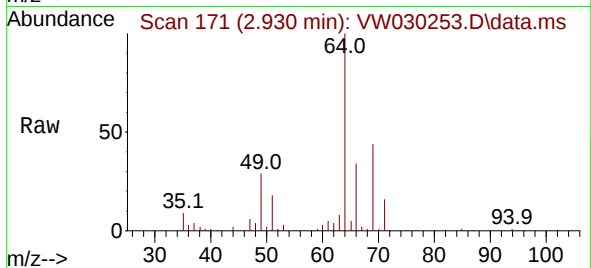




#8
Chloroethane
Concen: 44.441 ug/L
RT: 2.930 min Scan# 171
Delta R.T. -0.006 min
Lab File: VW030253.D
Acq: 26 Sep 2024 11:54

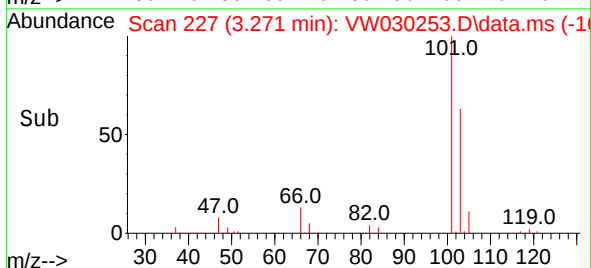
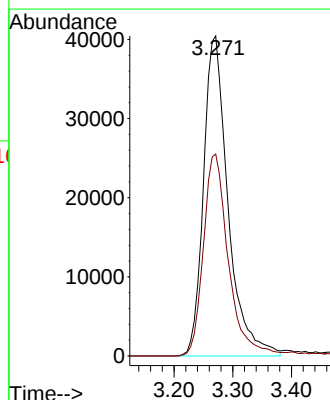
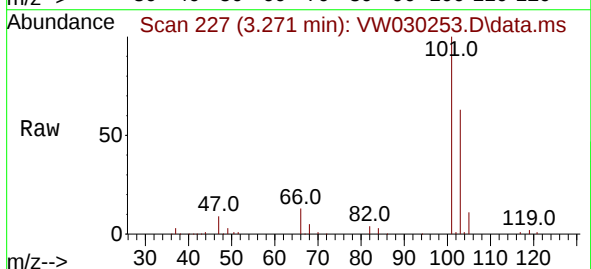
Instrument :
MSVOA_W
ClientSampleId :

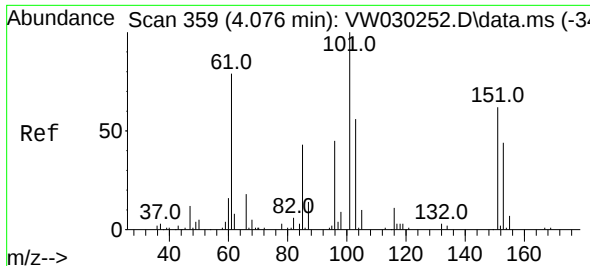
Tgt Ion: 64 Resp: 71264
Ion Ratio Lower Upper
64 100
66 33.6 25.0 46.4



#9
Trichlorofluoromethane
Concen: 48.487 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.006 min
Lab File: VW030253.D
Acq: 26 Sep 2024 11:54

Tgt Ion:101 Resp: 117392
Ion Ratio Lower Upper
101 100
103 64.3 51.5 77.3





#10

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

Concen: 51.793 ug/L

RT: 4.082 min Scan# 3

Delta R.T. 0.006 min

Lab File: VW030253.D

Acq: 26 Sep 2024 11:54

Instrument :

MSVOA_W

ClientSampleId :

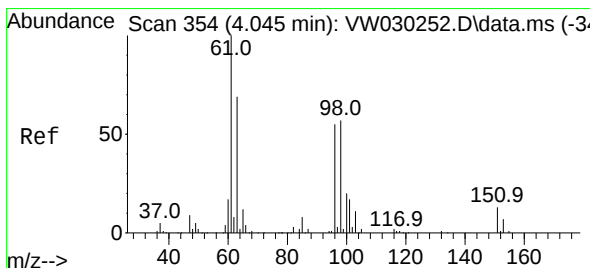
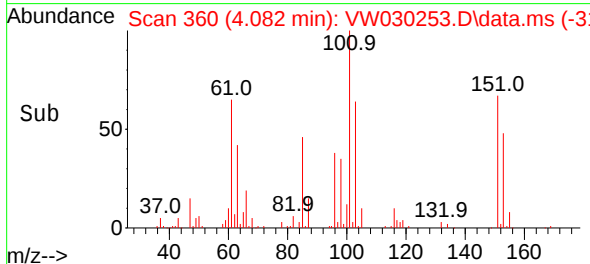
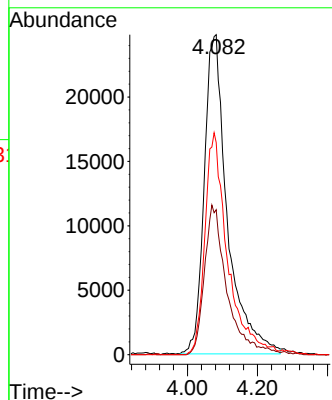
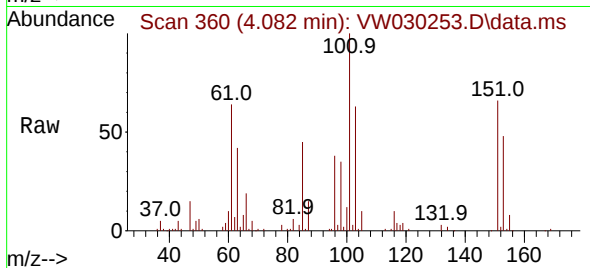
Tgt Ion:101 Resp: 114035

Ion Ratio Lower Upper

101 100

85 43.3 38.6 57.8

151 63.3 33.8 50.8#



#12

1,1-Dichloroethene

Concen: 49.909 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.000 min

Lab File: VW030253.D

Acq: 26 Sep 2024 11:54

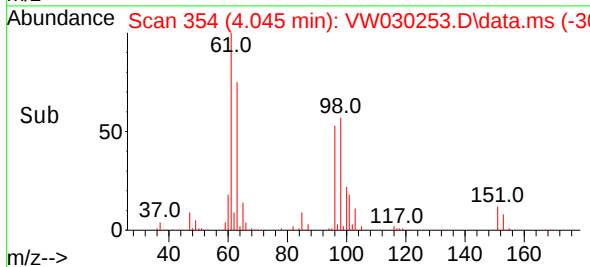
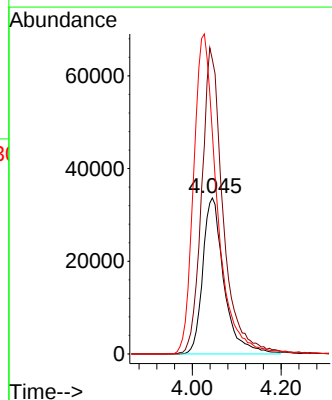
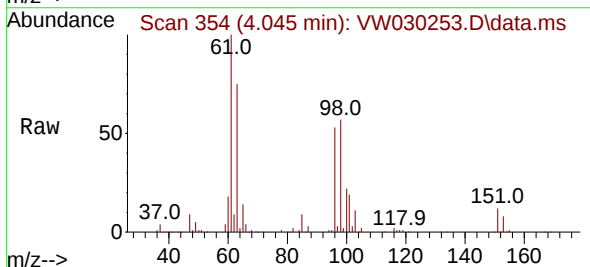
Tgt Ion: 96 Resp: 112038

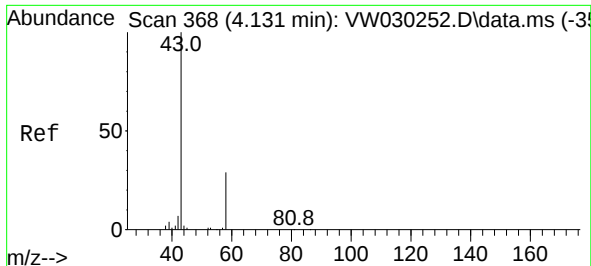
Ion Ratio Lower Upper

96 100

61 188.6 129.4 240.2

63 141.6 100.0 185.8

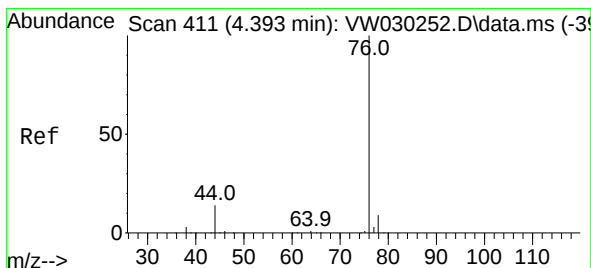
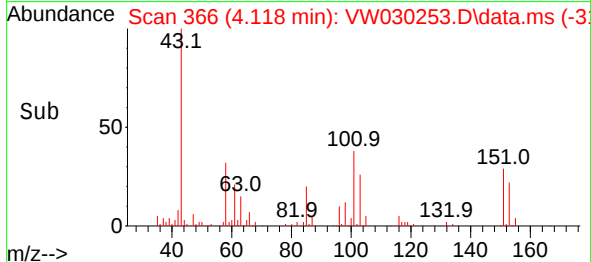
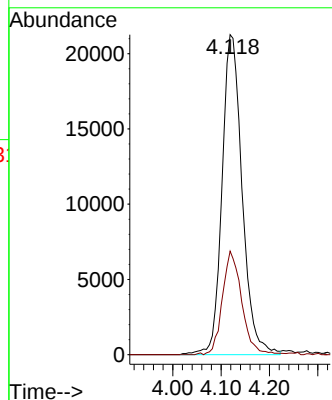
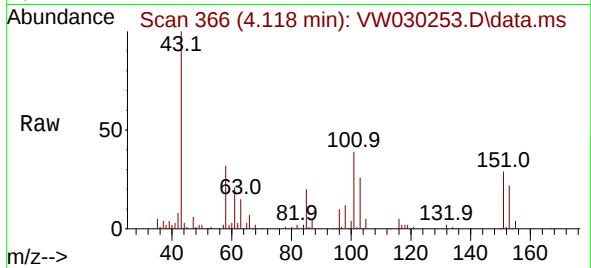




#13
Acetone
Concen: 78.577 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.012 min
Lab File: VW030253.D
Acq: 26 Sep 2024 11:54

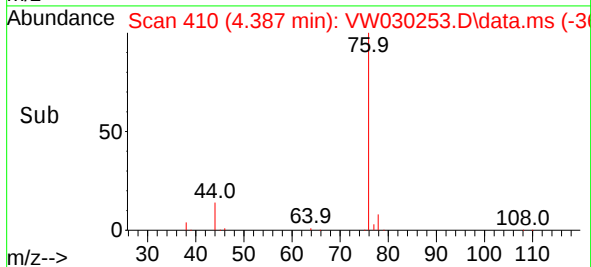
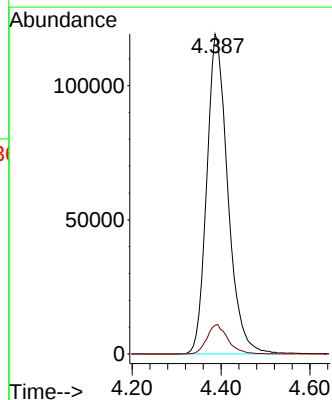
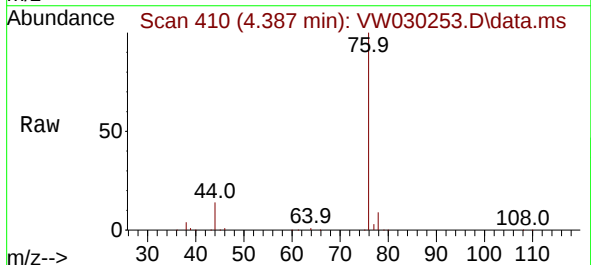
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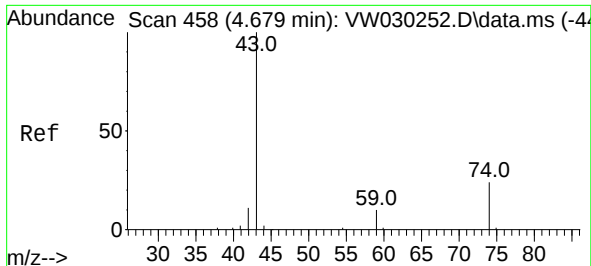
Tgt Ion: 43 Resp: 61499
Ion Ratio Lower Upper
43 100
58 30.9 0.0 62.0



#14
Carbon disulfide
Concen: 48.428 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.006 min
Lab File: VW030253.D
Acq: 26 Sep 2024 11:54

Tgt Ion: 76 Resp: 392146
Ion Ratio Lower Upper
76 100
78 8.9 6.8 10.2





#15

Methyl Acetate

Concen: 32.038 ug/L

RT: 4.673 min Scan# 4

Delta R.T. -0.006 min

Lab File: VW030253.D

Acq: 26 Sep 2024 11:54

Instrument :

MSVOA_W

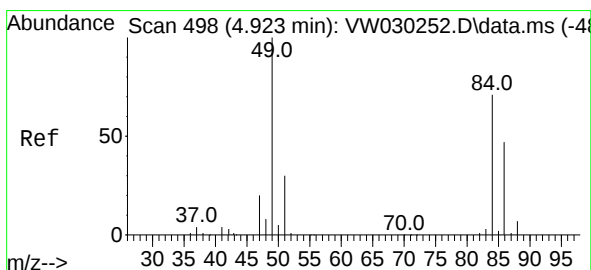
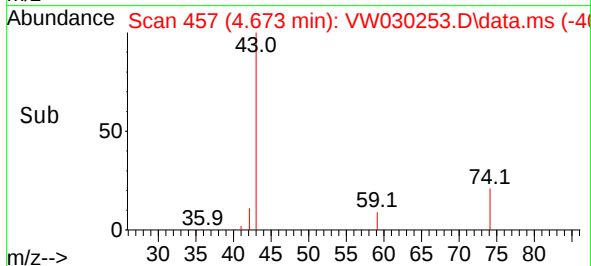
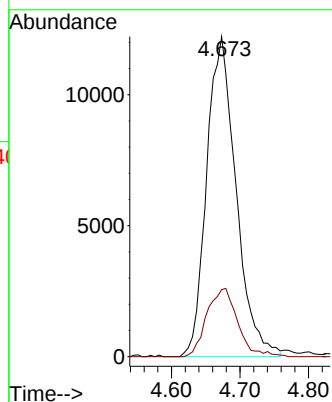
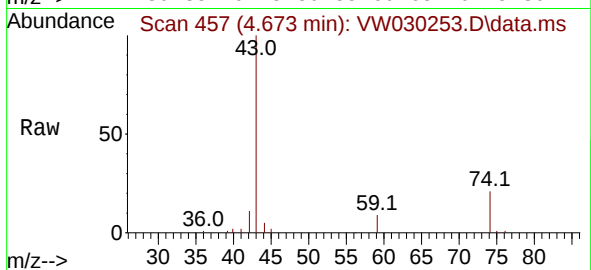
ClientSampleId :

Tgt Ion: 43 Resp: 36423

Ion Ratio Lower Upper

43 100

74 21.6 17.3 25.9



#16

Methylene chloride

Concen: 41.174 ug/L

RT: 4.917 min Scan# 497

Delta R.T. -0.006 min

Lab File: VW030253.D

Acq: 26 Sep 2024 11:54

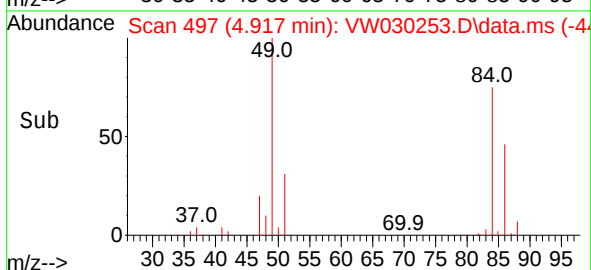
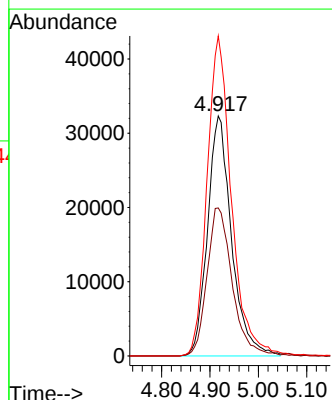
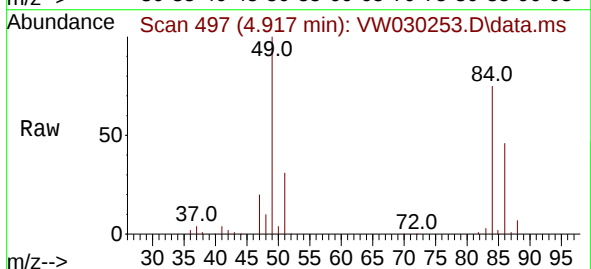
Tgt Ion: 84 Resp: 111656

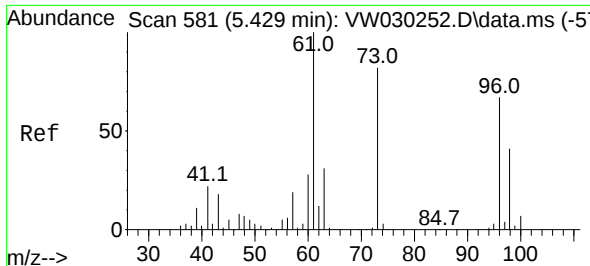
Ion Ratio Lower Upper

84 100

86 61.7 46.7 86.7

49 133.3 98.8 183.6





#17

trans-1,2-Dichloroethene

Concen: 49.319 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW030253.D

Acq: 26 Sep 2024 11:54

Instrument :

MSVOA_W

ClientSampleId :

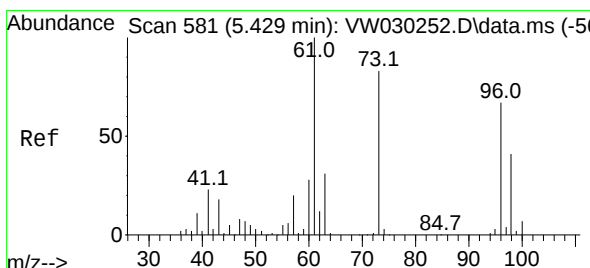
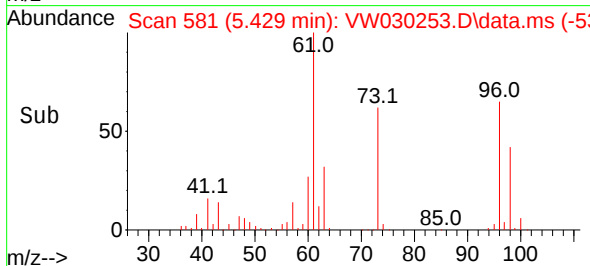
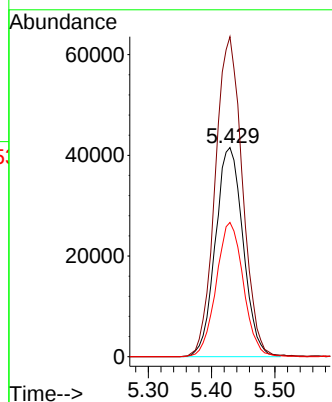
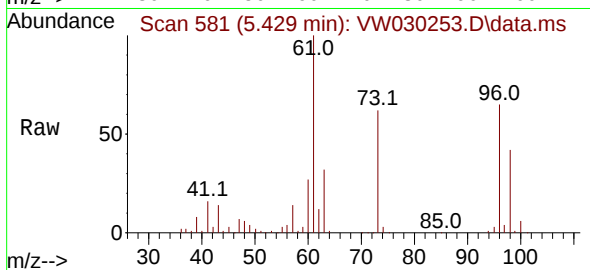
Tgt Ion: 96 Resp: 126144

Ion Ratio Lower Upper

96 100

61 153.0 104.3 193.7

98 64.2 42.6 79.0



#18

Methyl tert-butyl Ether

Concen: 40.179 ug/L

RT: 5.423 min Scan# 580

Delta R.T. -0.006 min

Lab File: VW030253.D

Acq: 26 Sep 2024 11:54

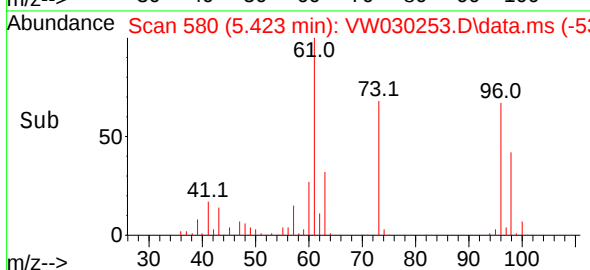
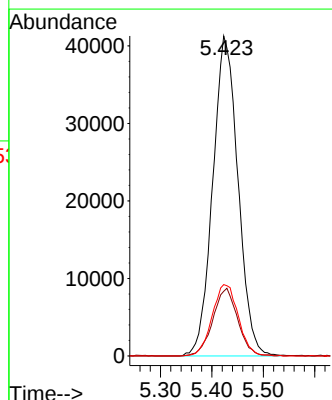
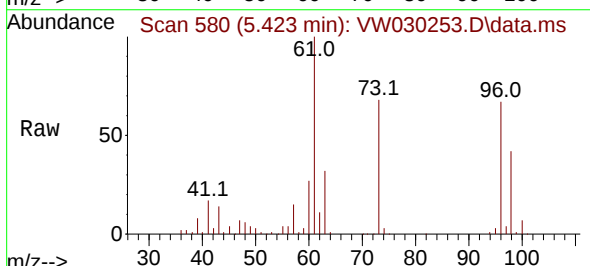
Tgt Ion: 73 Resp: 140809

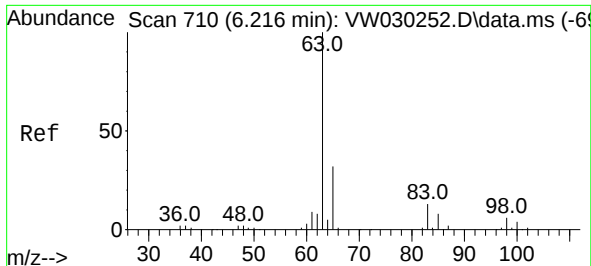
Ion Ratio Lower Upper

73 100

43 20.7 17.4 26.2

57 23.1 19.0 28.6





#19

1,1-Dichloroethane

Concen: 48.599 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW030253.D

Acq: 26 Sep 2024 11:54

Instrument :

MSVOA_W

ClientSampleId :

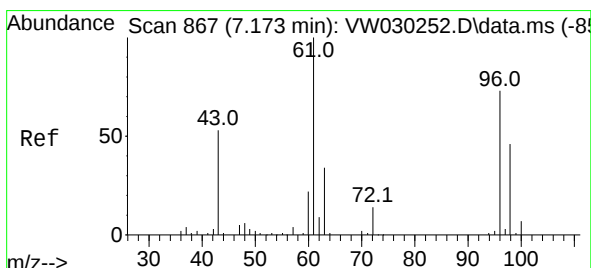
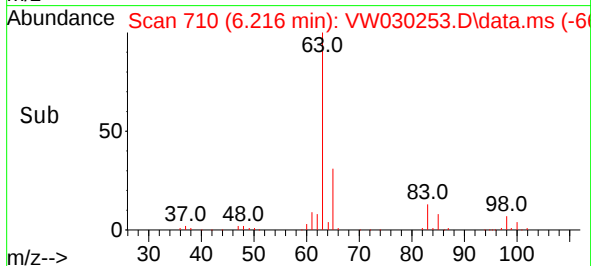
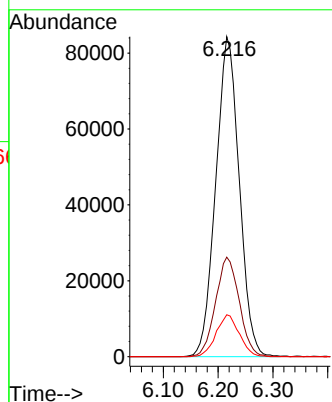
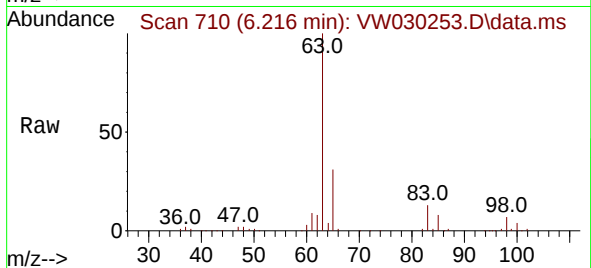
Tgt Ion: 63 Resp: 250620

Ion Ratio Lower Upper

63 100

65 31.1 22.0 41.0

83 13.1 9.0 16.6



#20

cis-1,2-Dichloroethene

Concen: 48.387 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW030253.D

Acq: 26 Sep 2024 11:54

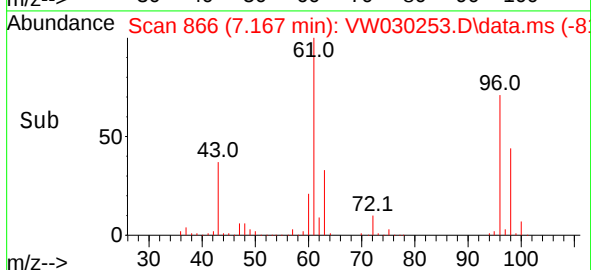
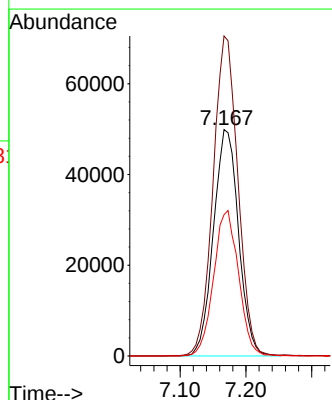
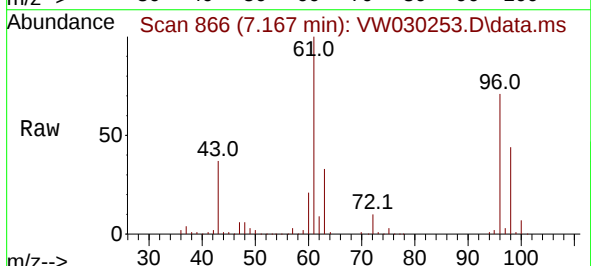
Tgt Ion: 96 Resp: 132530

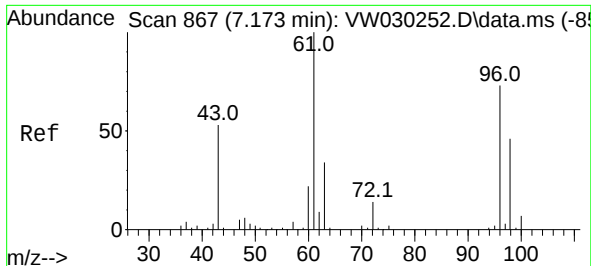
Ion Ratio Lower Upper

96 100

61 141.3 96.8 179.8

98 62.4 44.6 82.8





#22

2-Butanone

Concen: 72.045 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW030253.D

Acq: 26 Sep 2024 11:54

Instrument :

MSVOA_W

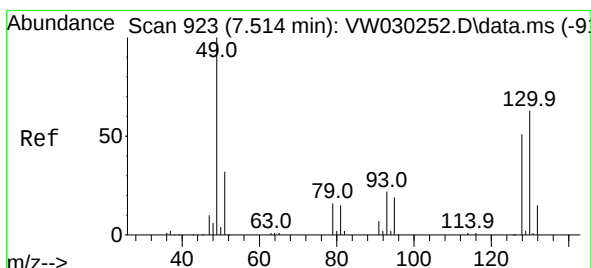
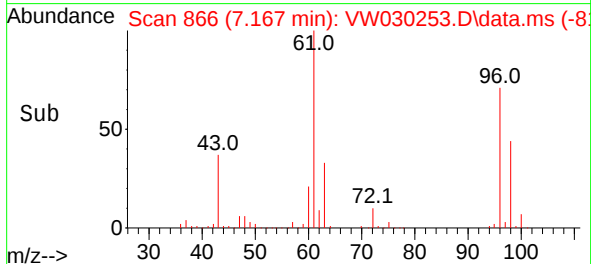
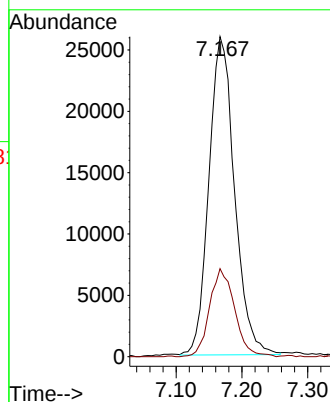
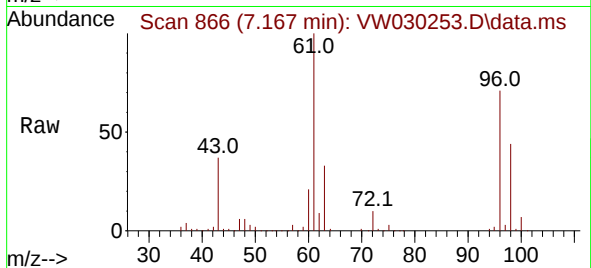
ClientSampleId :

Tgt Ion: 43 Resp: 70471

Ion Ratio Lower Upper

43 100

72 26.9 13.0 39.0



#23

Bromochloromethane

Concen: 43.848 ug/L

RT: 7.508 min Scan# 922

Delta R.T. -0.006 min

Lab File: VW030253.D

Acq: 26 Sep 2024 11:54

Tgt Ion: 128 Resp: 48998

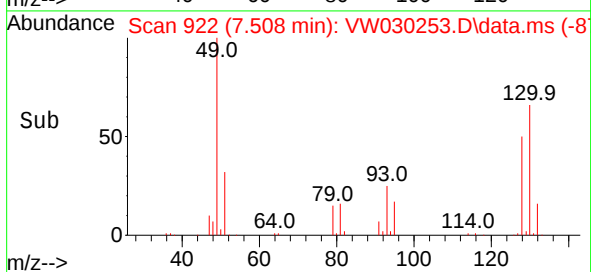
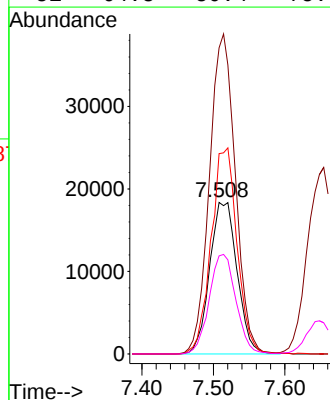
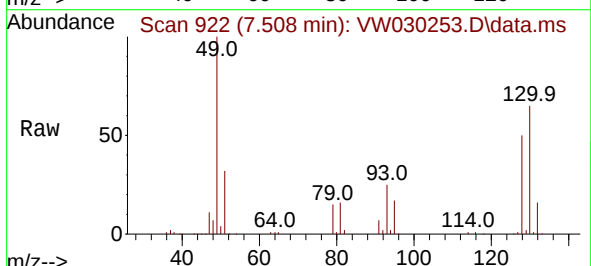
Ion Ratio Lower Upper

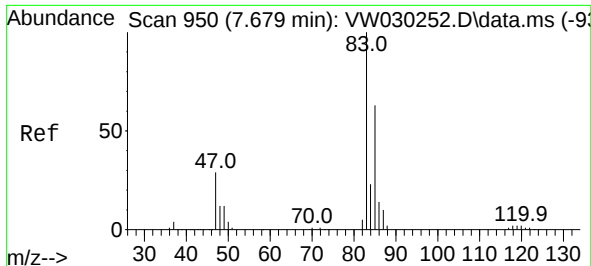
128 100

49 201.9 139.9 259.7

130 132.2 87.2 161.9

51 64.8 50.4 75.6





#25

Chloroform

Concen: 46.898 ug/L

RT: 7.673 min Scan# 949

Delta R.T. -0.006 min

Lab File: VW030253.D

Acq: 26 Sep 2024 11:54

Instrument :

MSVOA_W

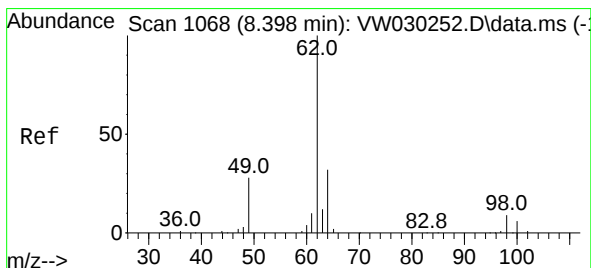
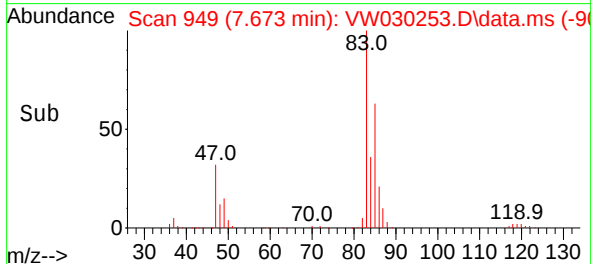
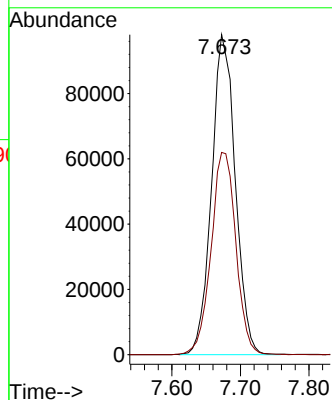
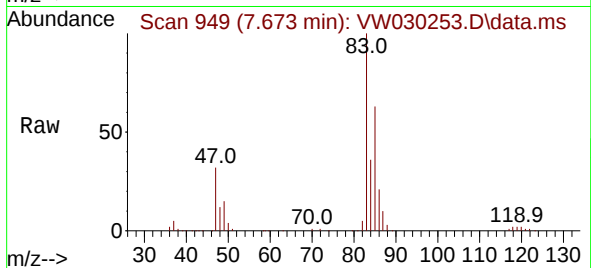
ClientSampleId :

Tgt Ion: 83 Resp: 235330

Ion Ratio Lower Upper

83 100

85 63.2 43.8 81.4



#27

1,2-Dichloroethane

Concen: 41.745 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW030253.D

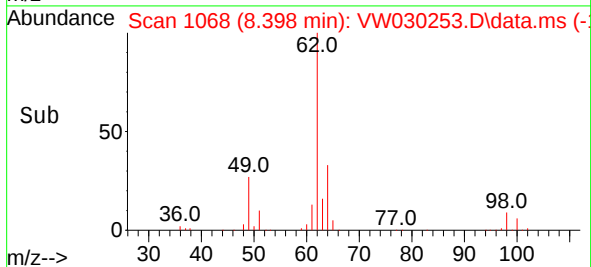
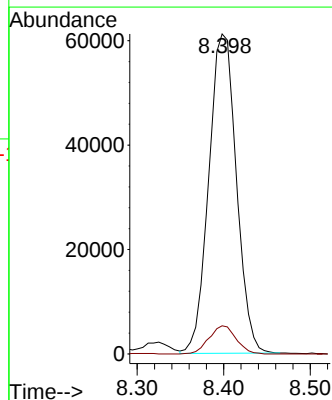
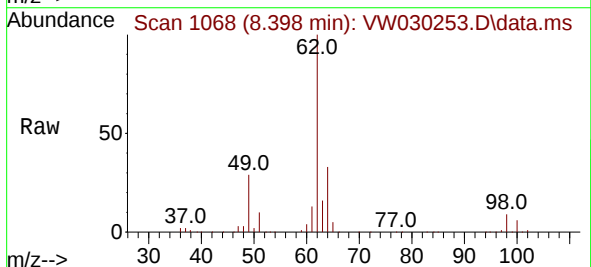
Acq: 26 Sep 2024 11:54

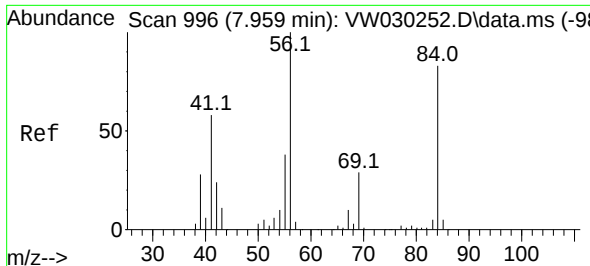
Tgt Ion: 62 Resp: 135642

Ion Ratio Lower Upper

62 100

98 8.8 7.4 11.0





#29

Cyclohexane

Concen: 56.261 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

Lab File: VW030253.D

Acq: 26 Sep 2024 11:54

Instrument :

MSVOA_W

ClientSampleId :

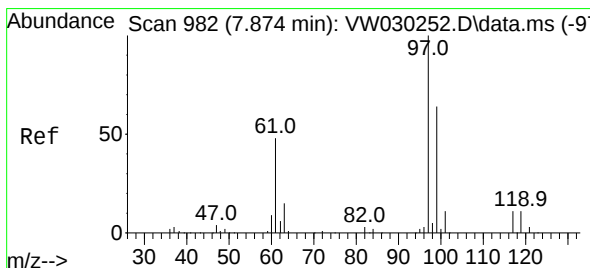
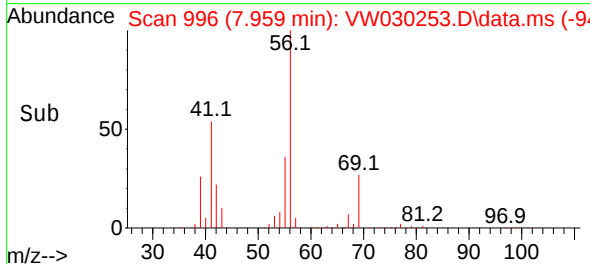
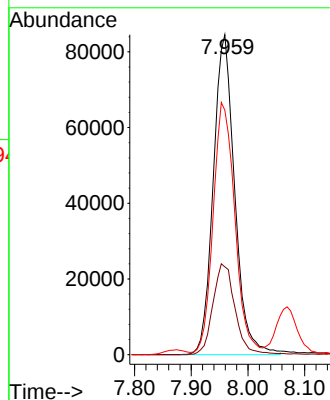
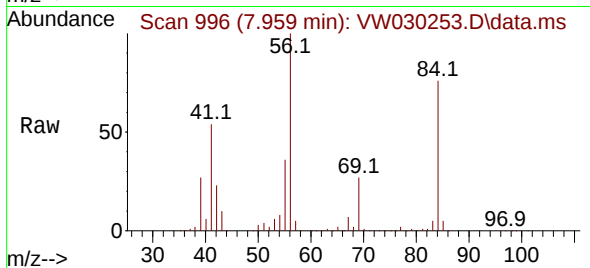
Tgt Ion: 56 Resp: 221651

Ion Ratio Lower Upper

56 100

69 29.2 23.4 35.0

84 80.2 65.2 97.8



#30

1,1,1-Trichloroethane

Concen: 51.513 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW030253.D

Acq: 26 Sep 2024 11:54

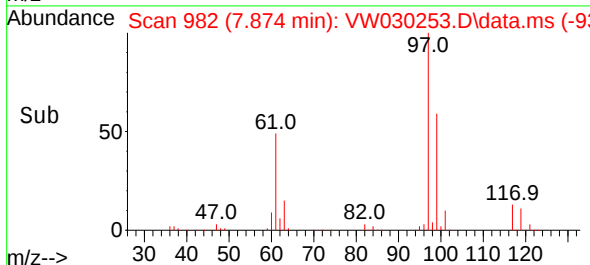
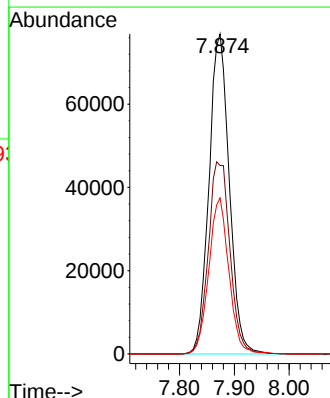
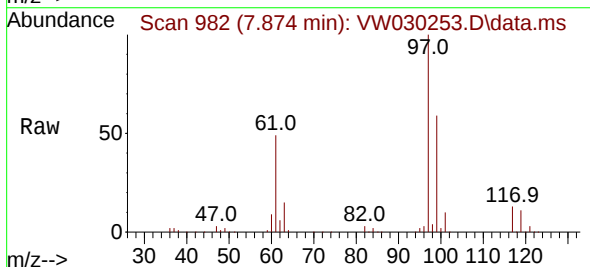
Tgt Ion: 97 Resp: 197433

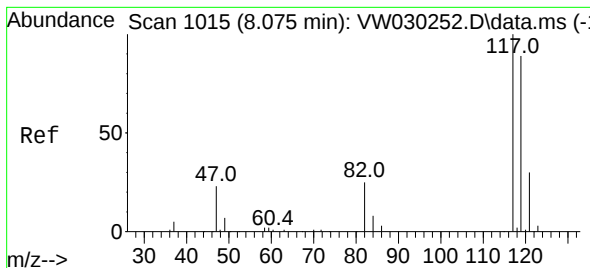
Ion Ratio Lower Upper

97 100

99 64.1 50.8 76.2

61 48.2 38.8 58.2





#31

Carbon tetrachloride

Concen: 51.699 ug/L

RT: 8.069 min Scan# 1015

Delta R.T. -0.006 min

Lab File: VW030253.D

Acq: 26 Sep 2024 11:54

Instrument :

MSVOA_W

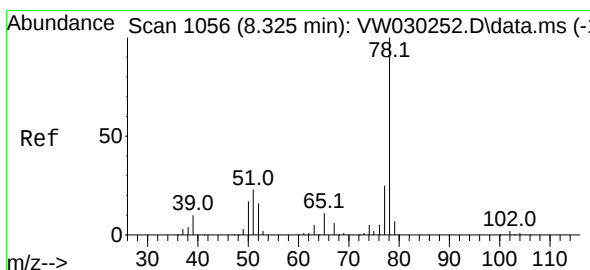
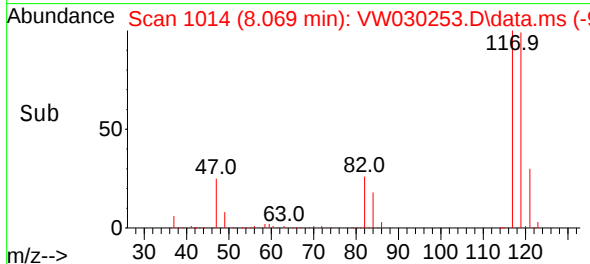
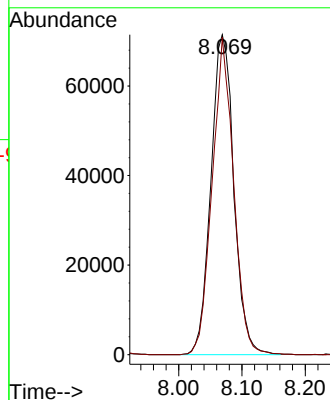
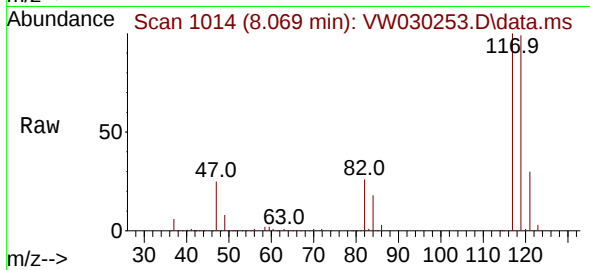
ClientSampleId :

Tgt Ion:117 Resp: 179518

Ion Ratio Lower Upper

117 100

119 92.9 73.8 110.6



#33

Benzene

Concen: 51.448 ug/L

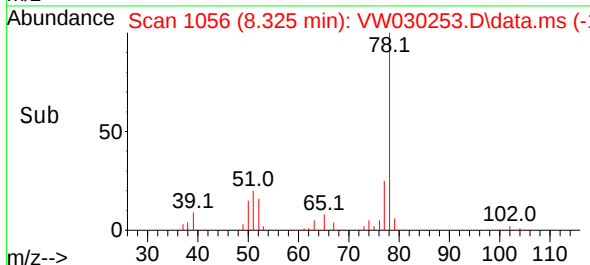
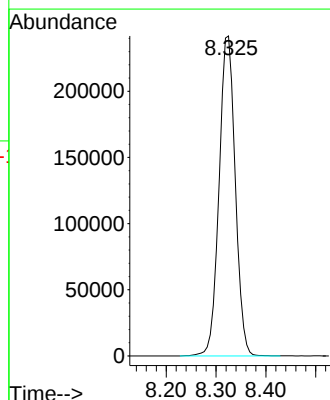
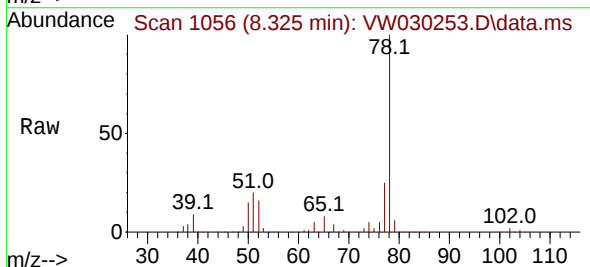
RT: 8.325 min Scan# 1056

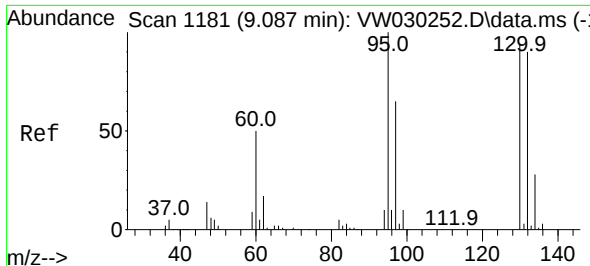
Delta R.T. -0.000 min

Lab File: VW030253.D

Acq: 26 Sep 2024 11:54

Tgt Ion: 78 Resp: 545858



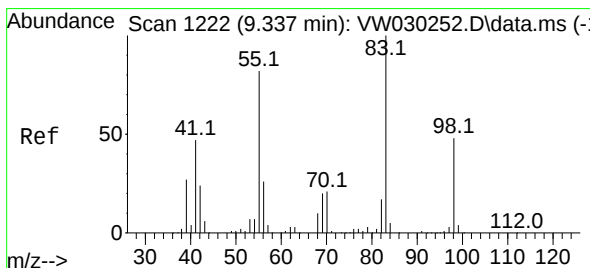
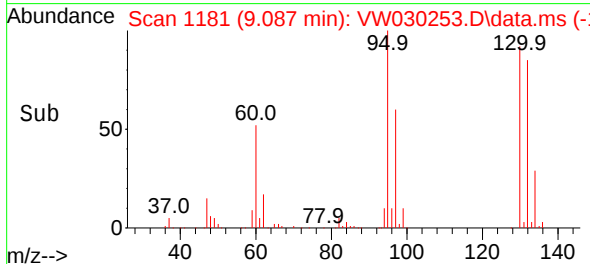
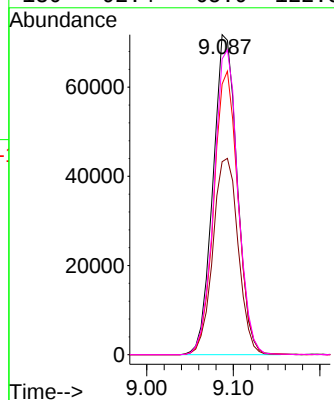
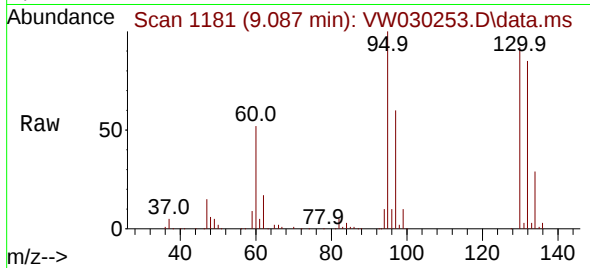


#34
 Trichloroethene
 Concen: 50.783 ug/L
 RT: 9.087 min Scan# 1181
 Delta R.T. -0.000 min
 Lab File: VW030253.D
 Acq: 26 Sep 2024 11:54

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion: 95 Resp: 139766

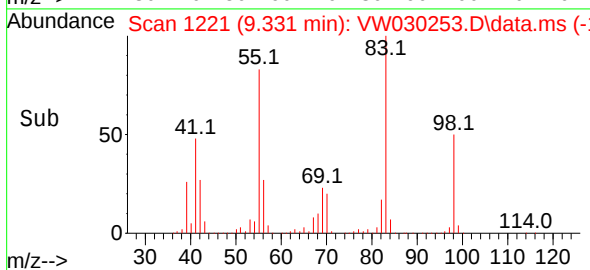
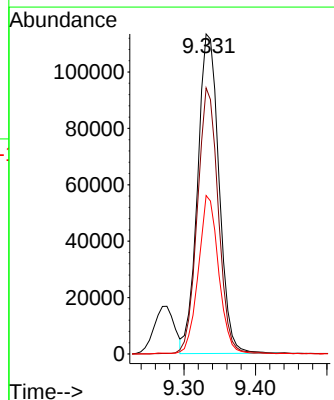
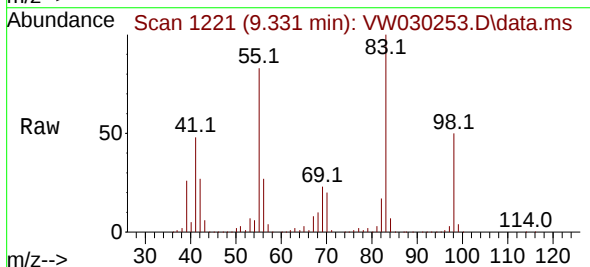
Ion	Ratio	Lower	Upper
95	100		
97	60.3	45.6	84.8
132	84.6	63.0	117.0
130	92.4	65.9	122.5

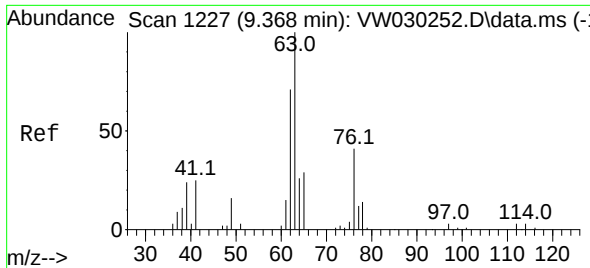


#35
 Methylcyclohexane
 Concen: 54.459 ug/L
 RT: 9.331 min Scan# 1221
 Delta R.T. -0.006 min
 Lab File: VW030253.D
 Acq: 26 Sep 2024 11:54

Tgt Ion: 83 Resp: 235695

Ion	Ratio	Lower	Upper
83	100		
55	81.5	65.8	98.6
98	47.1	38.0	57.0





#37

1,2-Dichloropropane

Concen: 47.909 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW030253.D

Acq: 26 Sep 2024 11:54

Instrument :

MSVOA_W

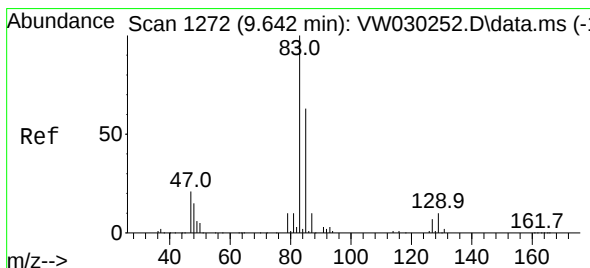
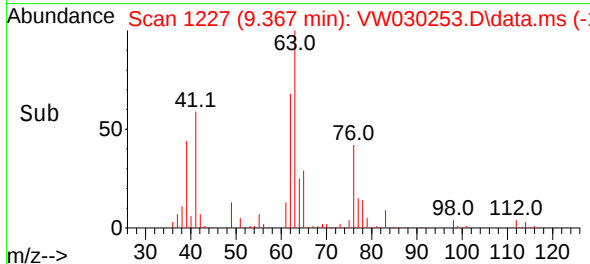
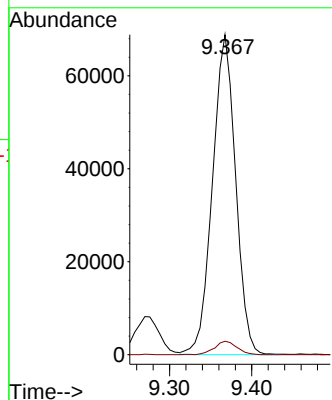
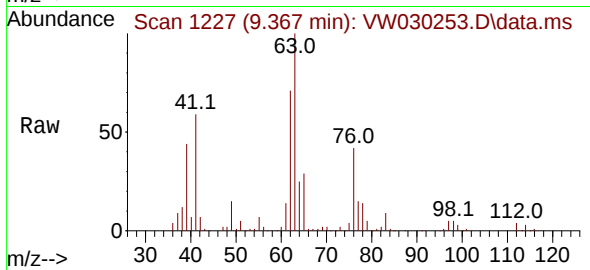
ClientSampleId :

Tgt Ion: 63 Resp: 134729

Ion Ratio Lower Upper

63 100

112 4.1 3.2 4.8



#38

Bromodichloromethane

Concen: 48.083 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW030253.D

Acq: 26 Sep 2024 11:54

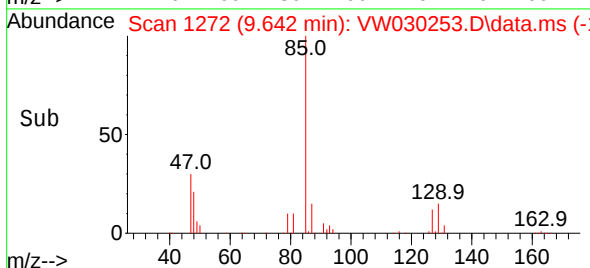
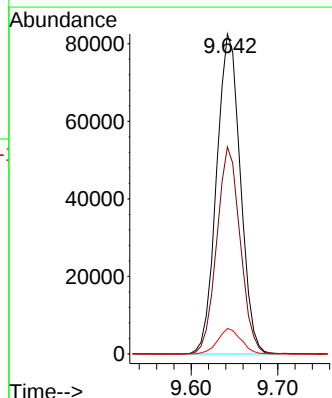
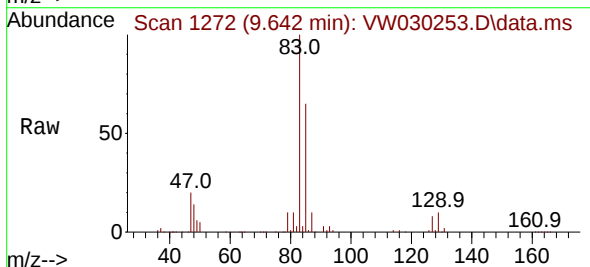
Tgt Ion: 83 Resp: 157487

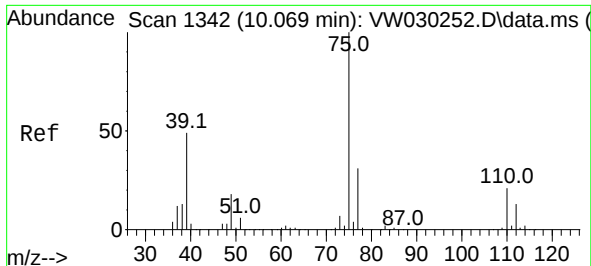
Ion Ratio Lower Upper

83 100

85 64.7 44.1 81.9

127 8.0 5.8 8.8





#39

cis-1,3-Dichloropropene

Concen: 48.751 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VW030253.D

Acq: 26 Sep 2024 11:54

Instrument :

MSVOA_W

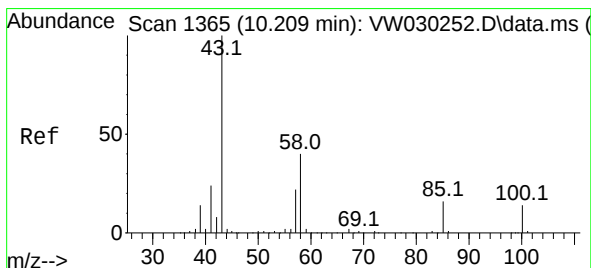
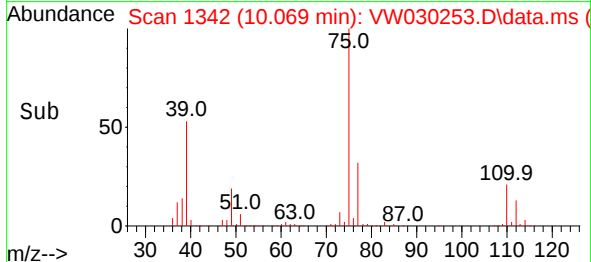
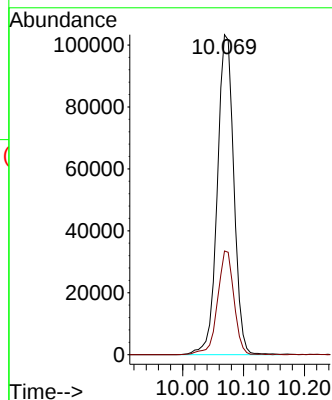
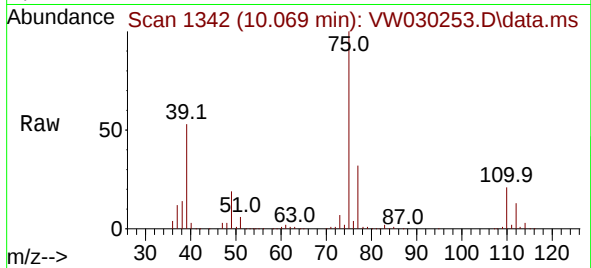
ClientSampleId :

Tgt Ion: 75 Resp: 194682

Ion Ratio Lower Upper

75 100

77 32.4 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 73.534 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW030253.D

Acq: 26 Sep 2024 11:54

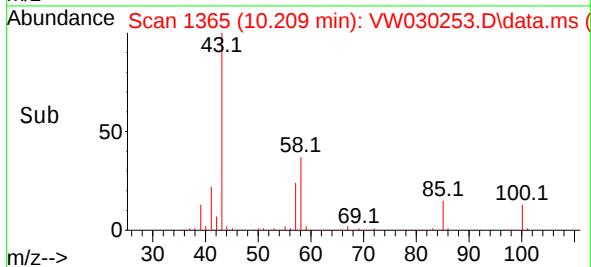
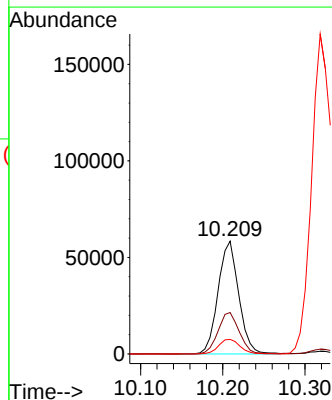
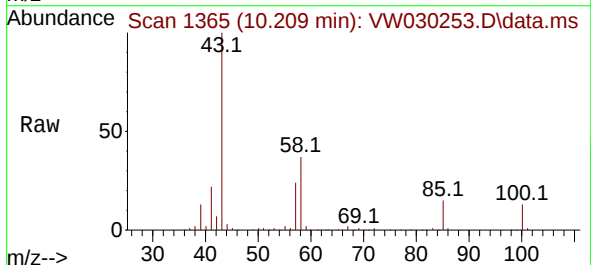
Tgt Ion: 43 Resp: 102010

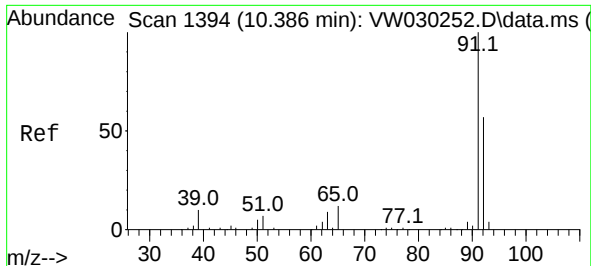
Ion Ratio Lower Upper

43 100

58 37.9 30.3 45.5

100 13.5 11.0 16.4





#42

Toluene

Concen: 51.874 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW030253.D

Acq: 26 Sep 2024 11:54

Instrument :

MSVOA_W

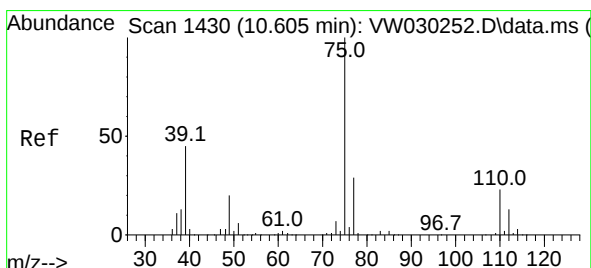
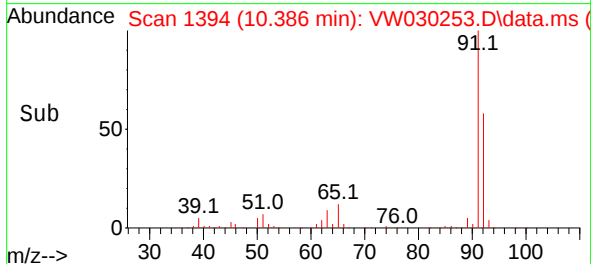
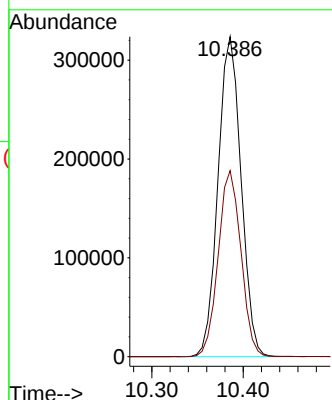
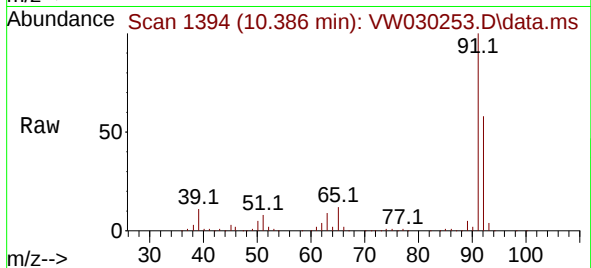
ClientSampleId :

Tgt Ion: 91 Resp: 568006

Ion Ratio Lower Upper

91 100

92 58.2 39.8 73.8



#44

trans-1,3-Dichloropropene

Concen: 46.217 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW030253.D

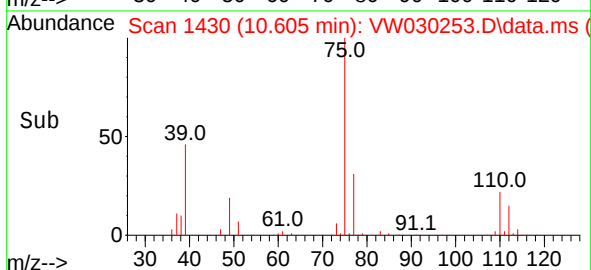
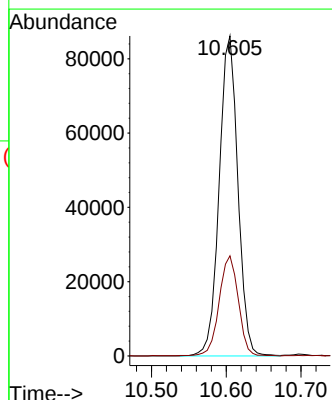
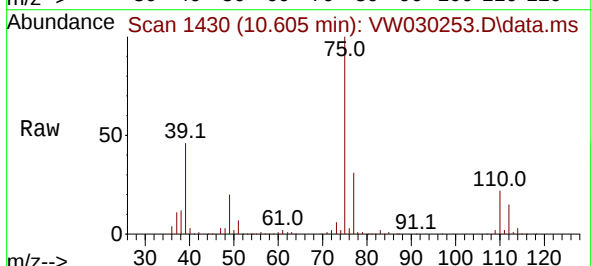
Acq: 26 Sep 2024 11:54

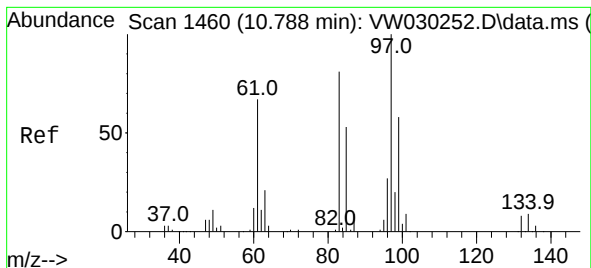
Tgt Ion: 75 Resp: 149961

Ion Ratio Lower Upper

75 100

77 31.3 20.7 38.5





#45

1,1,2-Trichloroethane

Concen: 41.897 ug/L

RT: 10.782 min Scan# 14

Delta R.T. -0.006 min

Lab File: VW030253.D

Acq: 26 Sep 2024 11:54

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 75063

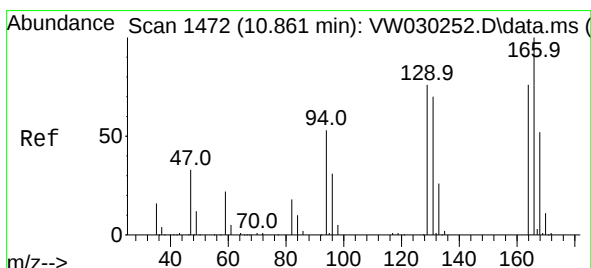
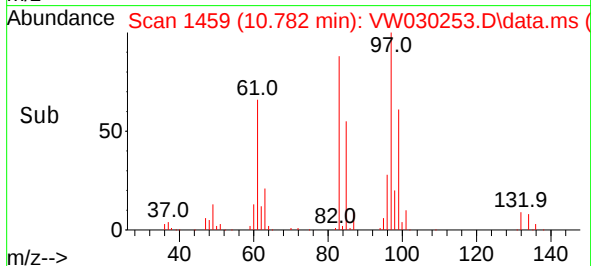
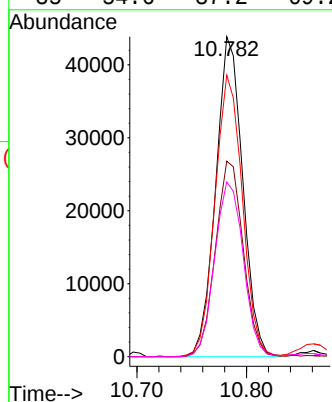
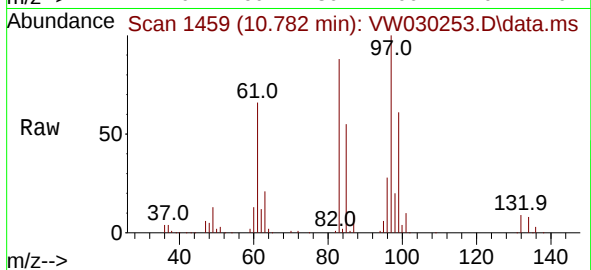
Ion Ratio Lower Upper

97 100

99 61.1 40.4 75.0

83 88.0 56.7 105.3

85 54.6 37.2 69.2



#46

Tetrachloroethene

Concen: 51.553 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW030253.D

Acq: 26 Sep 2024 11:54

Tgt Ion:164 Resp: 99223

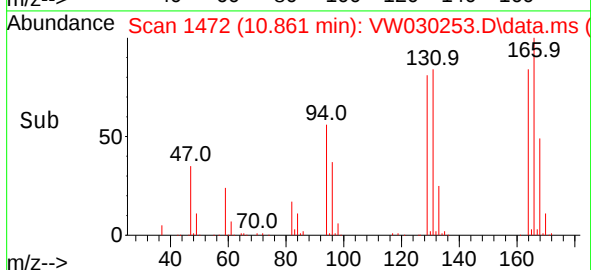
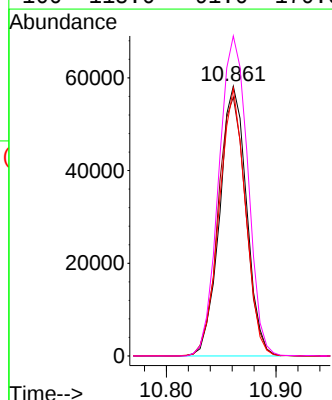
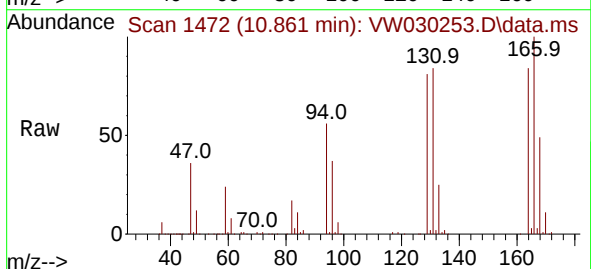
Ion Ratio Lower Upper

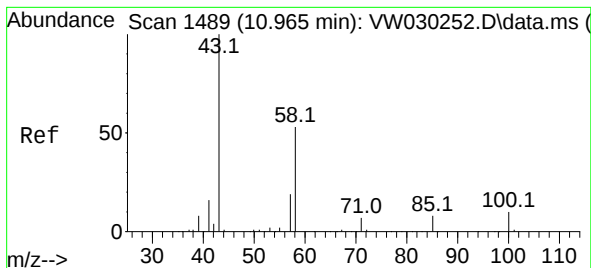
164 100

129 95.9 69.9 129.9

131 99.2 63.8 118.6

166 118.6 91.6 170.0





#48

2-Hexanone

Concen: 81.299 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. -0.000 min

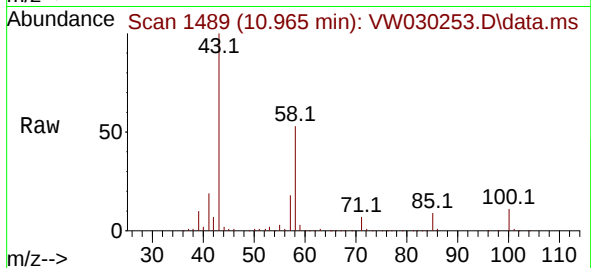
Lab File: VW030253.D

Acq: 26 Sep 2024 11:54

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 94845

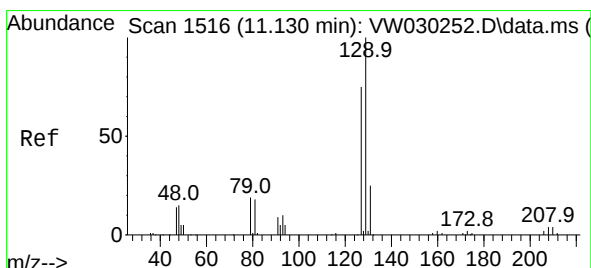
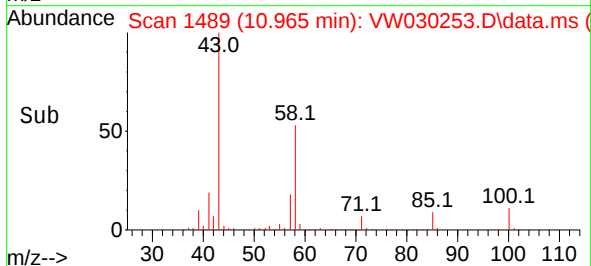
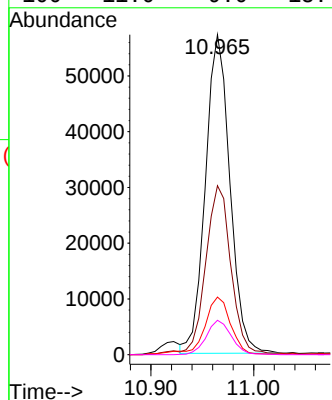
Ion Ratio Lower Upper

43 100

58 53.1 43.3 64.9

57 18.3 15.4 23.0

100 11.0 9.0 13.4



#49

Dibromochloromethane

Concen: 44.756 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. -0.000 min

Lab File: VW030253.D

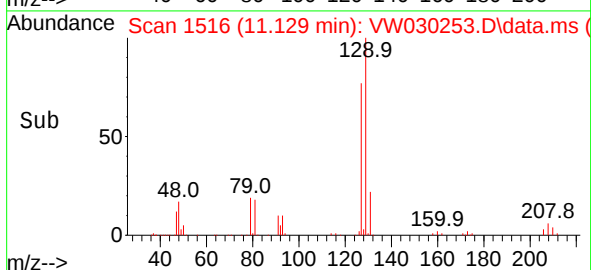
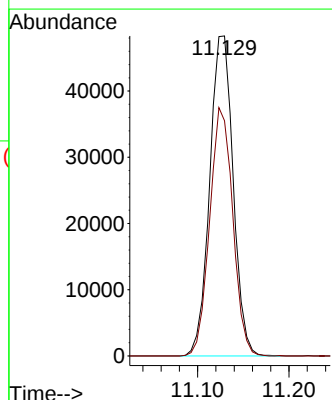
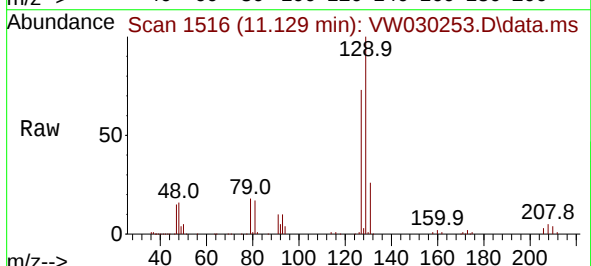
Acq: 26 Sep 2024 11:54

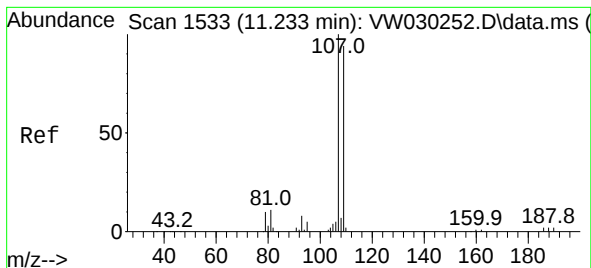
Tgt Ion: 129 Resp: 86057

Ion Ratio Lower Upper

129 100

127 73.5 52.2 97.0





#50

1,2-Dibromoethane

Concen: 40.680 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW030253.D

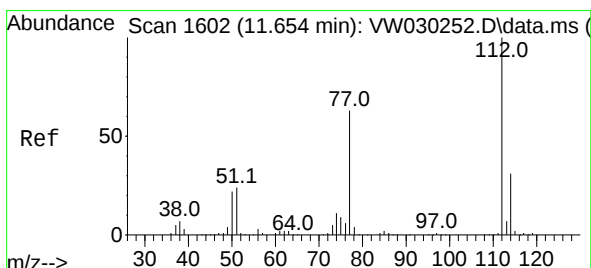
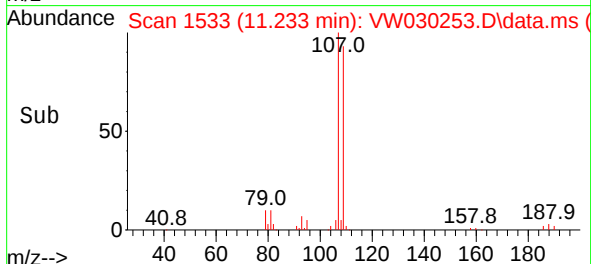
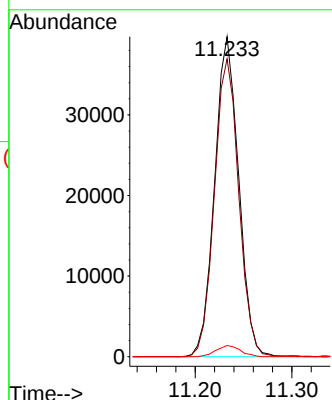
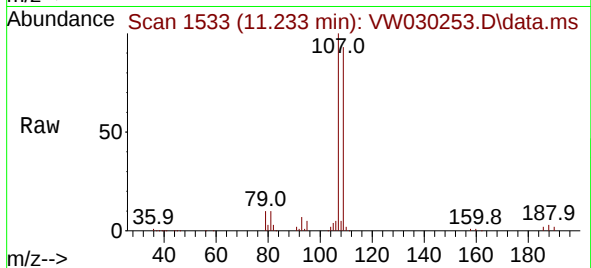
Acq: 26 Sep 2024 11:54

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	68483
Ion Ratio	Lower	Upper	
107	100		
109	93.0	65.9	122.5
188	3.5	1.9	2.9#



#51

Chlorobenzene

Concen: 48.829 ug/L

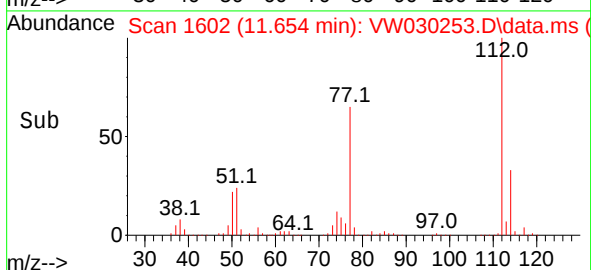
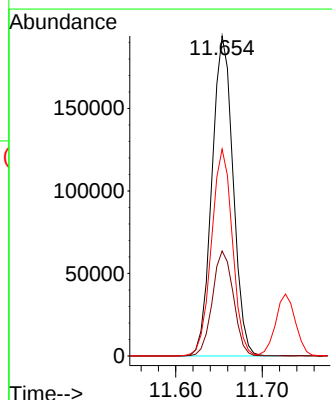
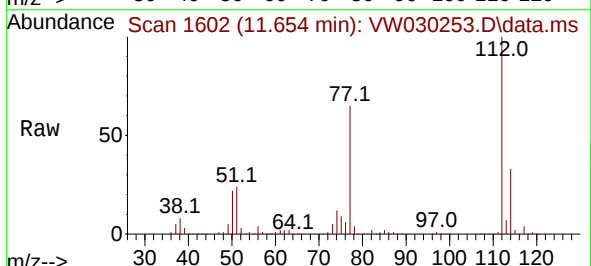
RT: 11.654 min Scan# 1602

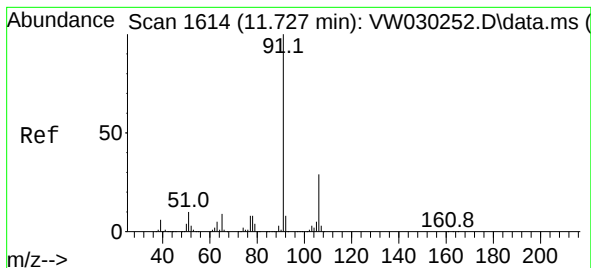
Delta R.T. -0.000 min

Lab File: VW030253.D

Acq: 26 Sep 2024 11:54

Tgt Ion:	112	Resp:	328745
Ion Ratio	Lower	Upper	
112	100		
114	32.8	21.5	39.9
77	64.7	50.6	75.8





#52

Ethylbenzene

Concen: 53.179 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW030253.D

Acq: 26 Sep 2024 11:54

Instrument :

MSVOA_W

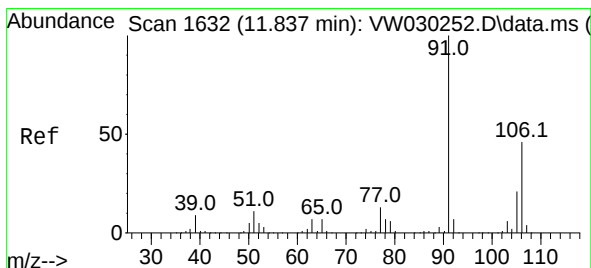
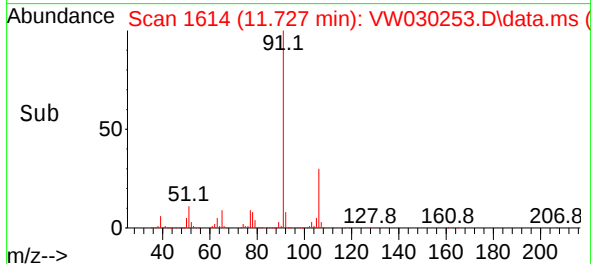
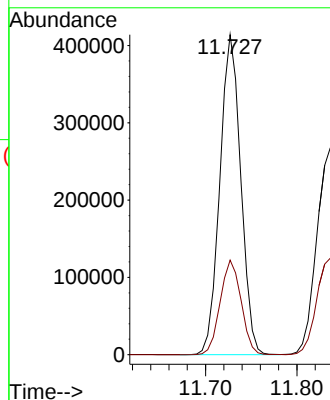
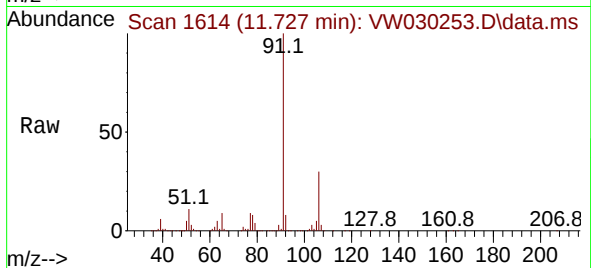
ClientSampleId :

Tgt Ion: 91 Resp: 658125

Ion Ratio Lower Upper

91 100

106 29.5 20.4 38.0



#53

m,p-Xylene

Concen: 52.860 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW030253.D

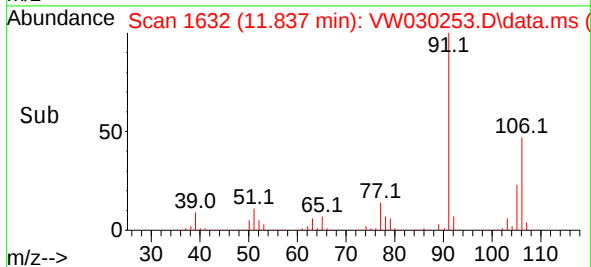
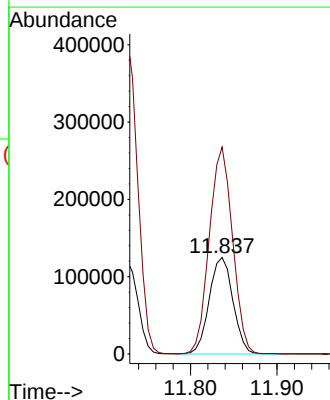
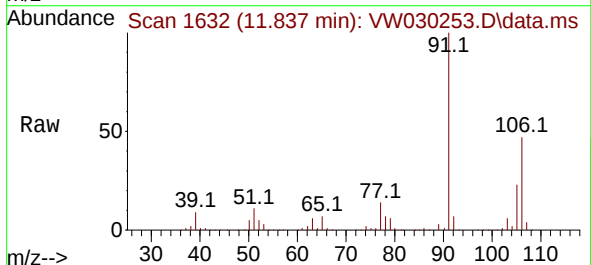
Acq: 26 Sep 2024 11:54

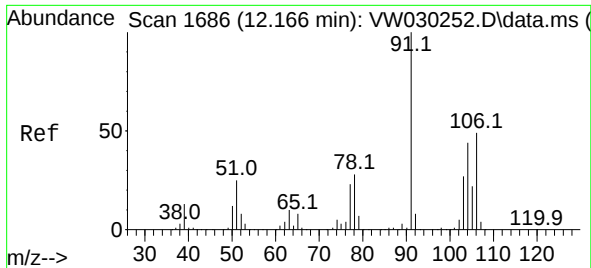
Tgt Ion:106 Resp: 237052

Ion Ratio Lower Upper

106 100

91 214.5 151.1 280.5

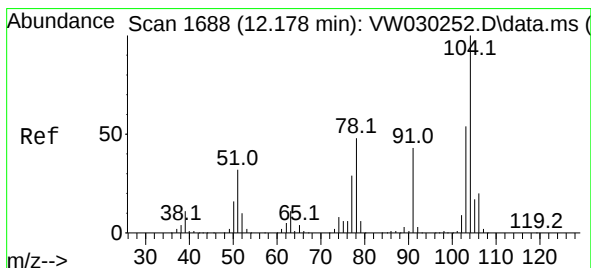
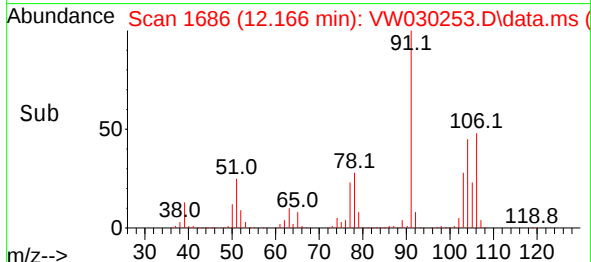
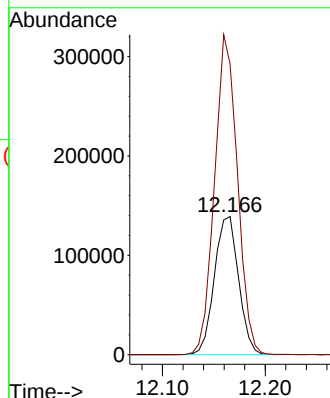
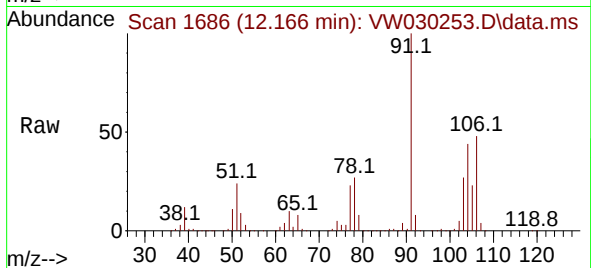




#54
o-Xylene
Concen: 53.918 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW030253.D
Acq: 26 Sep 2024 11:54

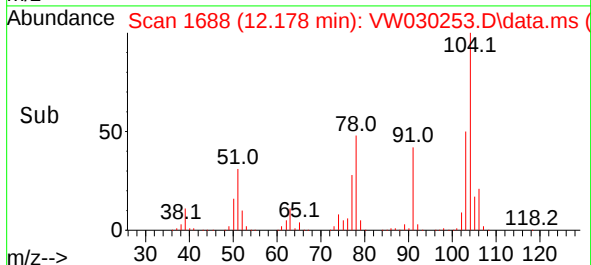
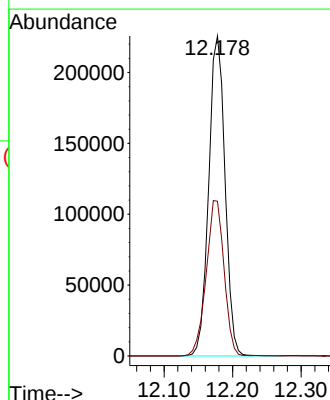
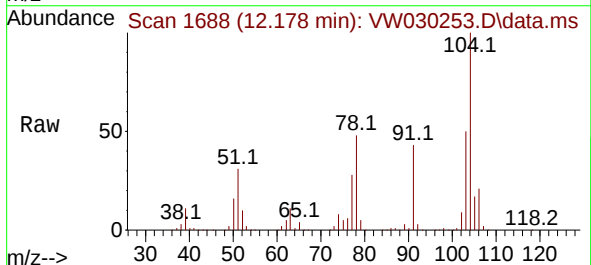
Instrument :
MSVOA_W
ClientSampleId :

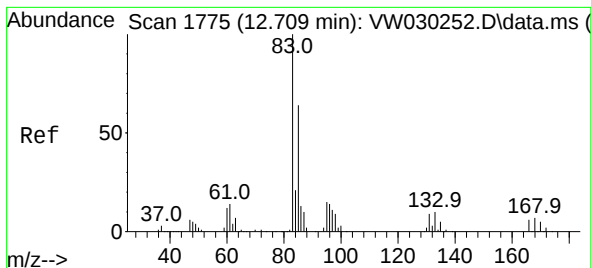
Tgt Ion:106 Resp: 227114
Ion Ratio Lower Upper
106 100
91 210.3 143.1 265.9



#55
Styrene
Concen: 52.755 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW030253.D
Acq: 26 Sep 2024 11:54

Tgt Ion:104 Resp: 374094
Ion Ratio Lower Upper
104 100
78 48.3 33.6 62.4

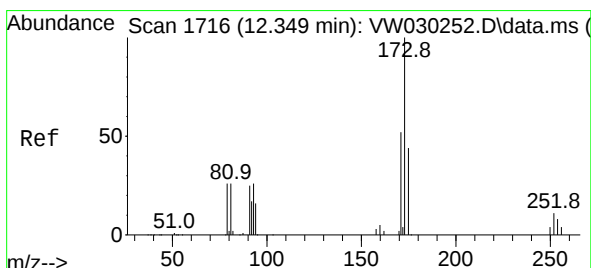
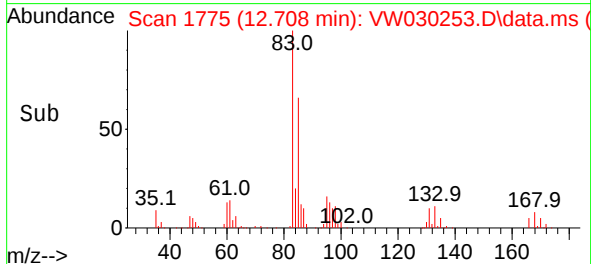
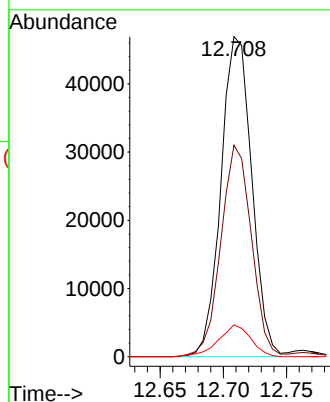
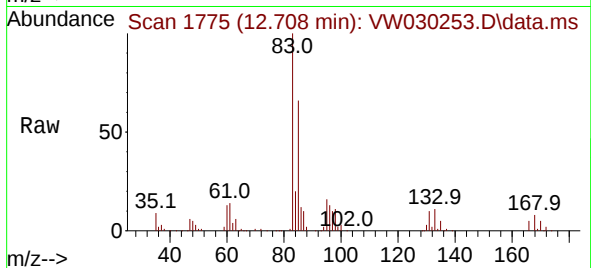




#57
1,1,2,2-Tetrachloroethane
Concen: 37.479 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VW030253.D
Acq: 26 Sep 2024 11:54

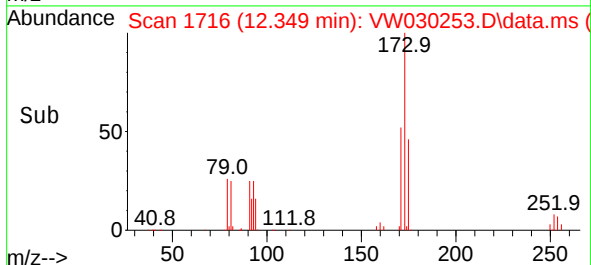
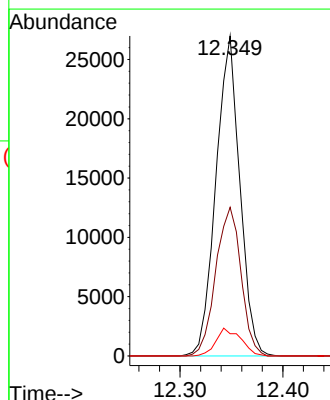
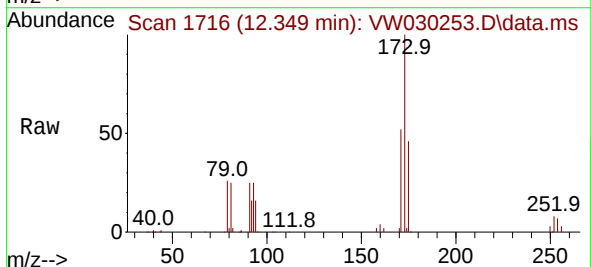
Instrument :
MSVOA_W
ClientSampleId :

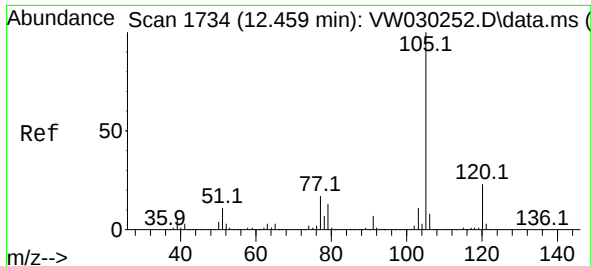
Tgt Ion: 83 Resp: 79469
Ion Ratio Lower Upper
83 100
85 66.1 44.9 83.5
131 9.9 7.3 10.9



#59
Bromoform
Concen: 43.103 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VW030253.D
Acq: 26 Sep 2024 11:54

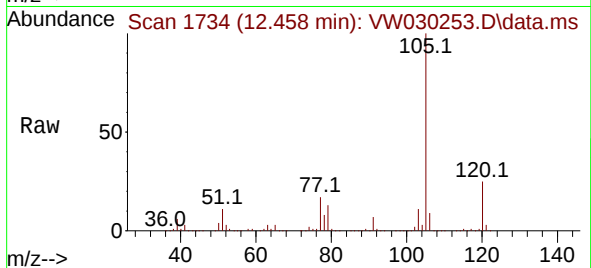
Tgt Ion:173 Resp: 43535
Ion Ratio Lower Upper
173 100
175 49.0 37.8 56.8
254 9.1 7.4 11.2



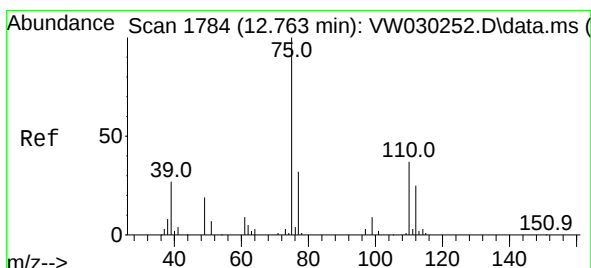
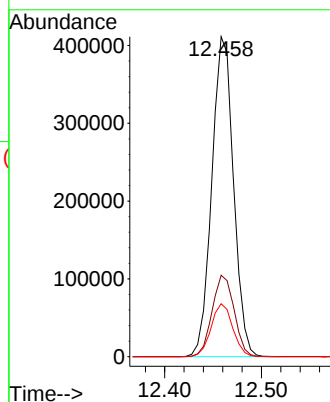
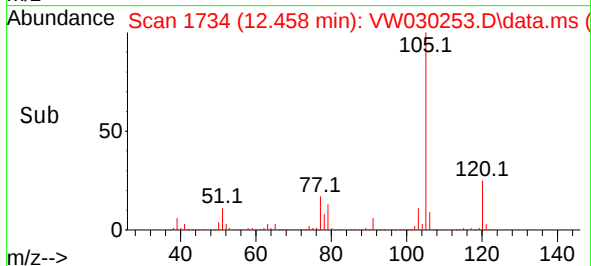


#60
Isopropylbenzene
Concen: 57.760 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW030253.D
Acq: 26 Sep 2024 11:54

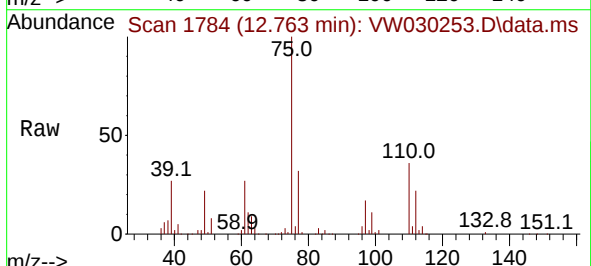
Instrument :
MSVOA_W
ClientSampleId :



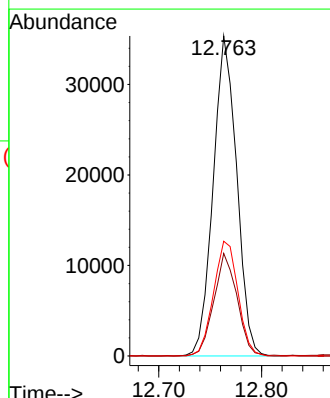
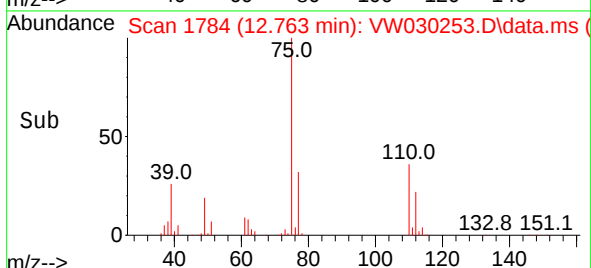
Tgt Ion:105 Resp: 640088
Ion Ratio Lower Upper
105 100
120 25.8 20.5 30.7
77 16.5 13.6 20.4

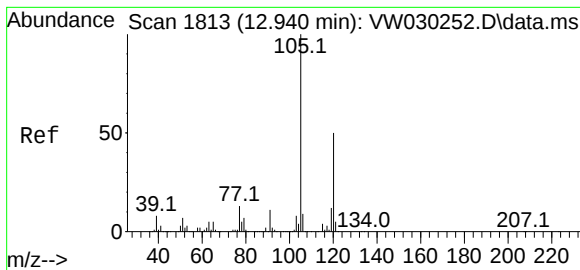


#61
1,2,3-Trichloropropane
Concen: 39.351 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW030253.D
Acq: 26 Sep 2024 11:54



Tgt Ion: 75 Resp: 56110
Ion Ratio Lower Upper
75 100
77 31.7 26.6 39.8
110 37.2 30.3 45.5

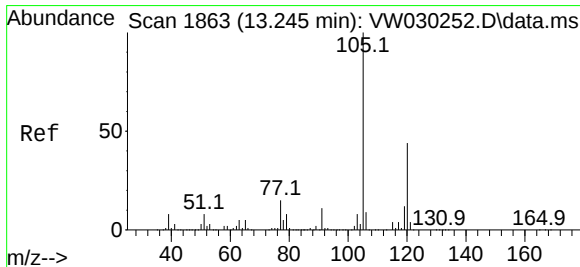
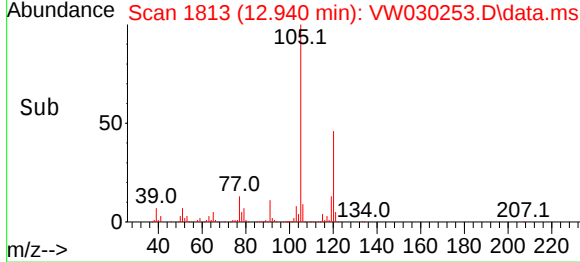
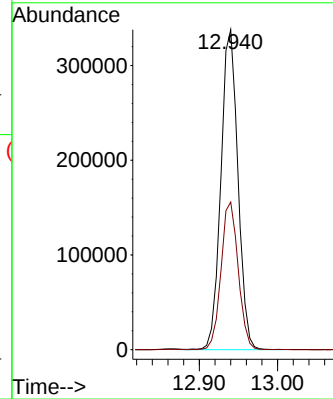
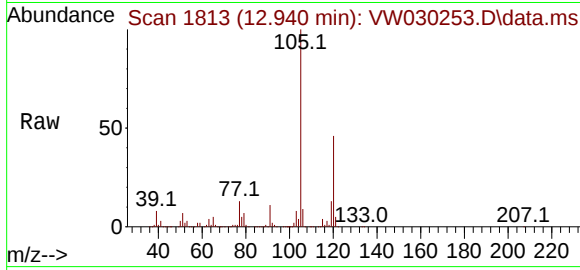




#62
1,3,5-Trimethylbenzene
Concen: 59.267 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW030253.D
Acq: 26 Sep 2024 11:54

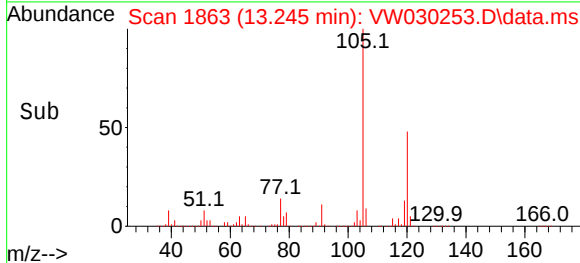
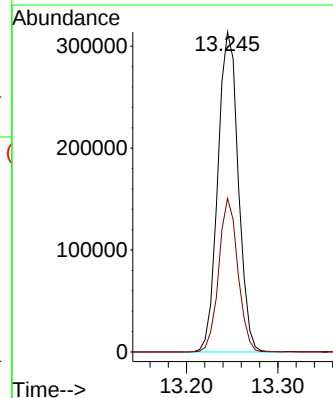
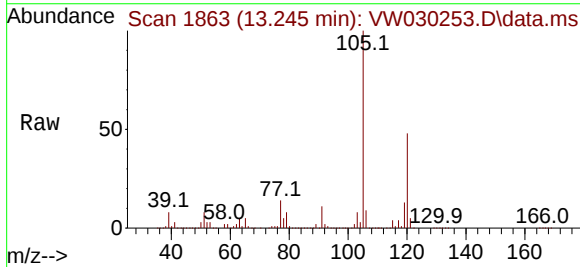
Instrument :
MSVOA_W
ClientSampleId :

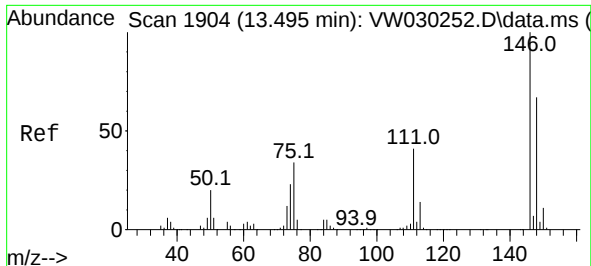
Tgt Ion:105 Resp: 511181
Ion Ratio Lower Upper
105 100
120 46.5 38.3 57.5



#63
1,2,4-Trimethylbenzene
Concen: 57.713 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW030253.D
Acq: 26 Sep 2024 11:54

Tgt Ion:105 Resp: 488158
Ion Ratio Lower Upper
105 100
120 44.9 35.5 53.3





#64

1,3-Dichlorobenzene

Concen: 51.925 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW030253.D

Acq: 26 Sep 2024 11:54

Instrument :

MSVOA_W

ClientSampleId :

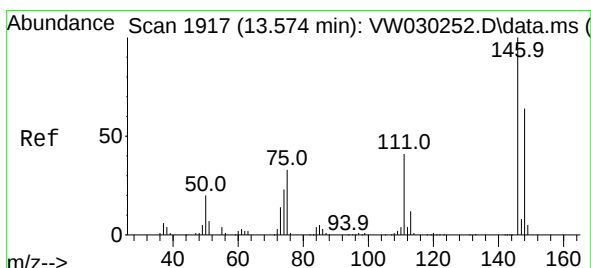
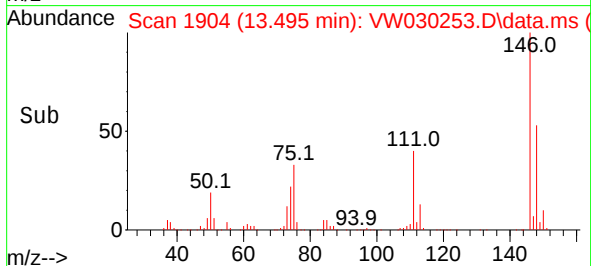
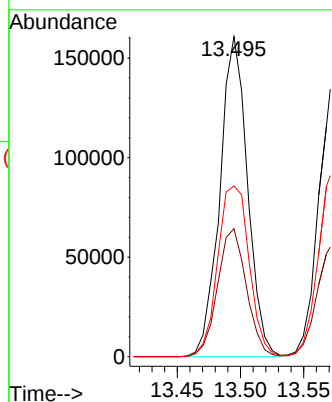
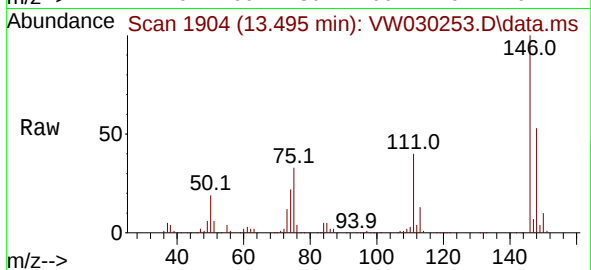
Tgt Ion:146 Resp: 244765

Ion Ratio Lower Upper

146 100

111 40.0 29.0 53.8

148 53.3 46.6 86.6



#65

1,4-Dichlorobenzene

Concen: 48.531 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW030253.D

Acq: 26 Sep 2024 11:54

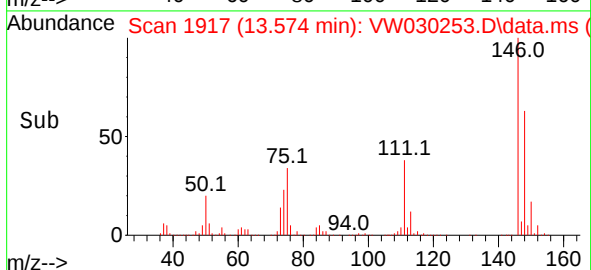
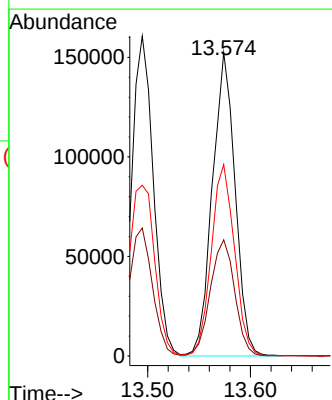
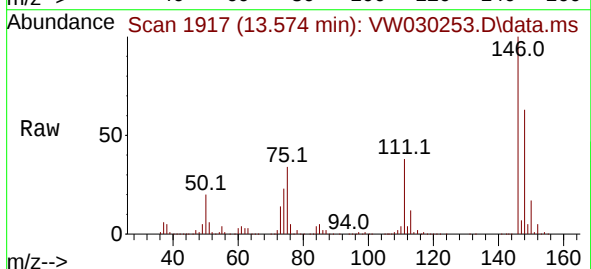
Tgt Ion:146 Resp: 234083

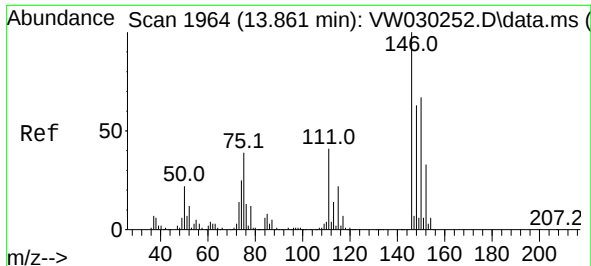
Ion Ratio Lower Upper

146 100

111 38.3 29.0 53.8

148 63.0 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 48.609 ug/L

RT: 13.861 min Scan# 1964

Delta R.T. -0.000 min

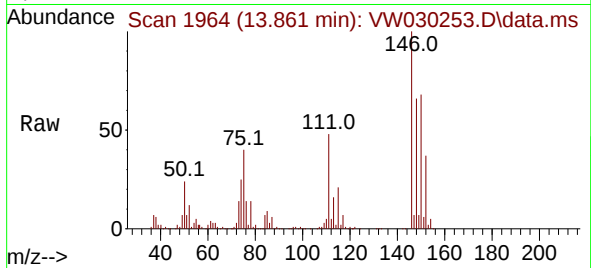
Lab File: VW030253.D

Acq: 26 Sep 2024 11:54

Instrument :

MSVOA_W

ClientSampleId :



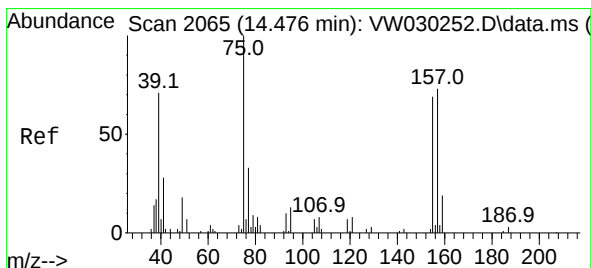
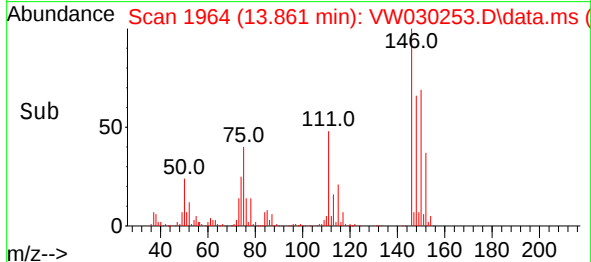
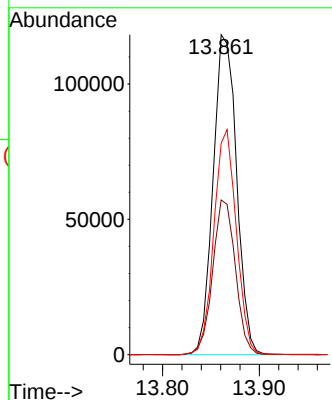
Tgt Ion:146 Resp: 199613

Ion Ratio Lower Upper

146 100

111 48.4 32.9 49.3

148 66.0 50.2 75.2



#68

1,2-Dibromo-3-chloropropane

Concen: 35.351 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW030253.D

Acq: 26 Sep 2024 11:54

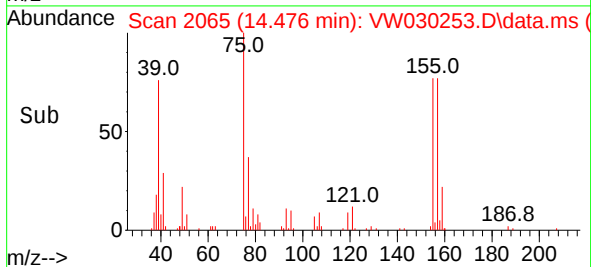
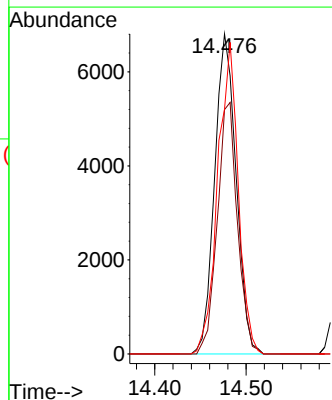
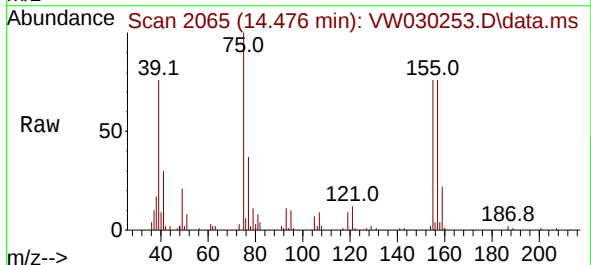
Tgt Ion: 75 Resp: 11099

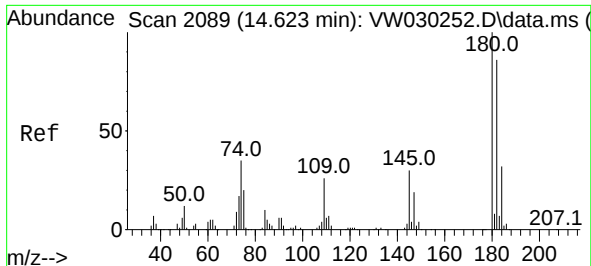
Ion Ratio Lower Upper

75 100

155 76.3 55.4 83.2

157 76.5 58.3 87.5





#69

1,3,5-Trichlorobenzene

Concen: 50.293 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

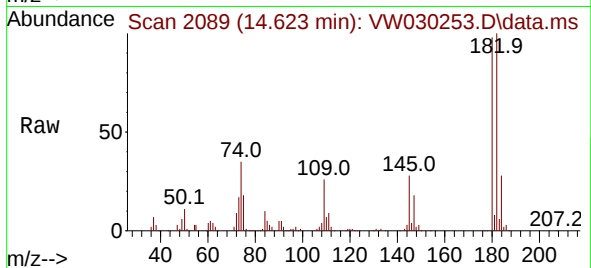
Lab File: VW030253.D

Acq: 26 Sep 2024 11:54

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 154835

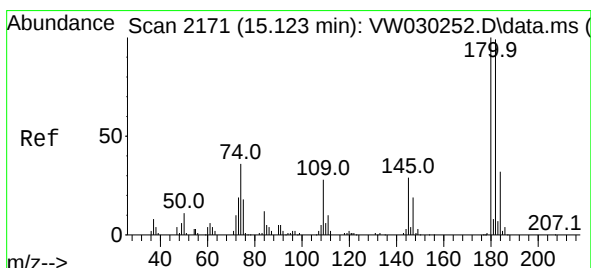
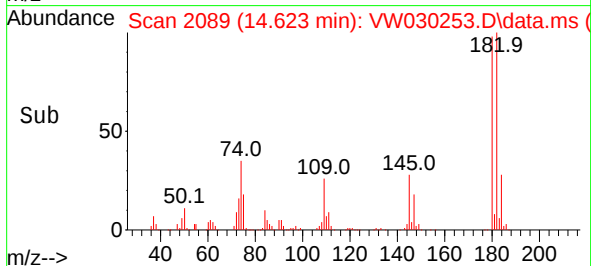
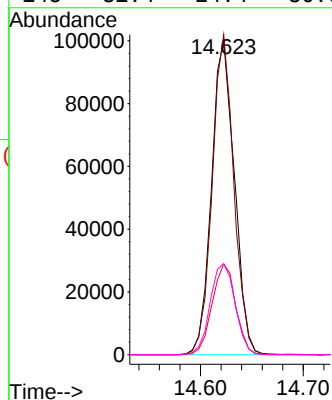
Ion Ratio Lower Upper

180 100

182 96.4 71.8 107.8

184 29.7 23.7 35.5

145 31.4 24.4 36.6



#70

1,2,4-trichlorobenzene

Concen: 47.180 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW030253.D

Acq: 26 Sep 2024 11:54

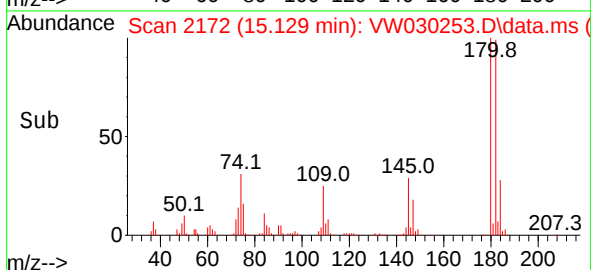
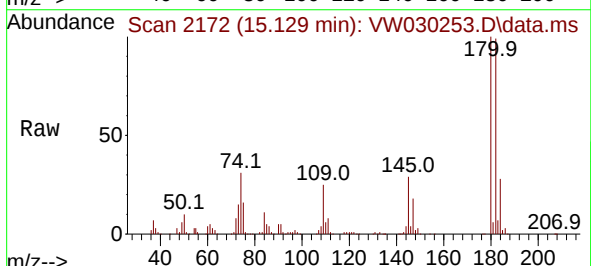
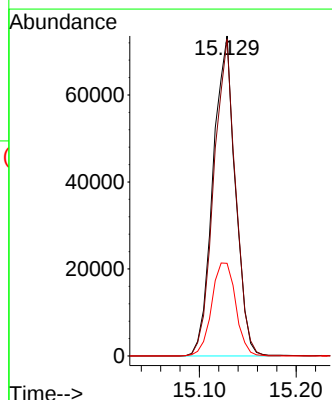
Tgt Ion:180 Resp: 117622

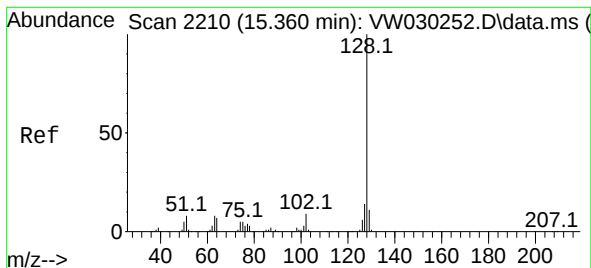
Ion Ratio Lower Upper

180 100

182 96.5 74.6 112.0

145 31.4 24.2 36.2





#71

Naphthalene

Concen: 44.007 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW030253.D

Acq: 26 Sep 2024 11:54

Instrument :

MSVOA_W

ClientSampleId :

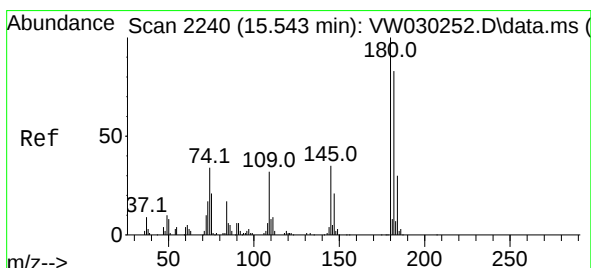
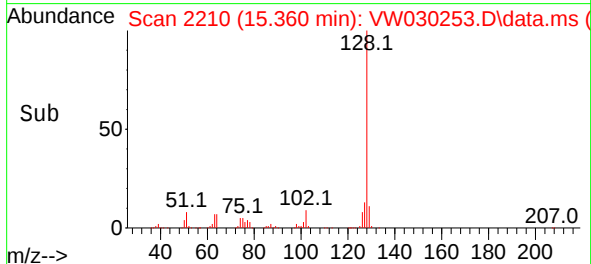
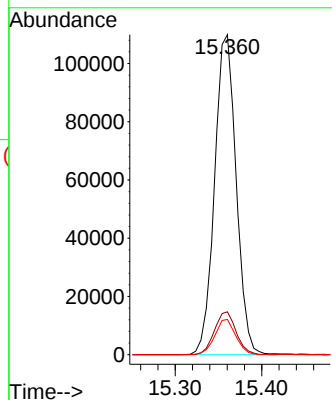
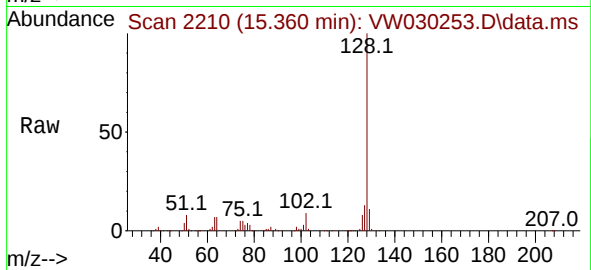
Tgt Ion:128 Resp: 190425

Ion Ratio Lower Upper

128 100

127 13.5 11.0 16.6

129 10.7 9.0 13.4



#72

1,2,3-Trichlorobenzene

Concen: 45.055 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW030253.D

Acq: 26 Sep 2024 11:54

Tgt Ion:180 Resp: 97953

Ion Ratio Lower Upper

180 100

182 98.8 73.4 110.2

145 33.3 27.5 41.3

