

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012122\
 Data File : VW024423.D
 Acq On : 21 Jan 2022 13:53
 Operator : SY/MD
 Sample : VSTD10078
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD100278

Quant Time: Jan 24 02:14:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM012122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jan 24 02:12:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	148321	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	138845	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	86610	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.311	65	91163	93.461	ug/L	0.00
7) Chloroethane-d5	1.571	69	53948	96.101	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	139801	89.498	ug/L	0.00
21) 2-Butanone-d5	3.883	46	91152	206.030	ug/L	0.00
24) Chloroform-d	4.343	84	204151	103.389	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.024	65	146702	100.732	ug/L	0.00
32) Benzene-d6	5.047	84	341209	102.340	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.063	67	77438	104.084	ug/L	0.00
41) Toluene-d8	7.310	98	352515	101.331	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.616	79	59511	104.772	ug/L	0.00
47) 2-Hexanone-d5	8.082	63	69001	215.396	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	107248	97.871	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	173073	97.446	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	160194	96.280	ug/L	96
3) Chloromethane	1.243	50	94204	93.454	ug/L	99
5) Vinyl chloride	1.314	62	111116	94.558	ug/L	99
6) Bromomethane	1.526	94	60462	94.700	ug/L	97
8) Chloroethane	1.587	64	49653	97.871	ug/L	98
9) Trichlorofluoromethane	1.754	101	227523	100.724	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	73571	91.225	ug/L	97
12) 1,1-Dichloroethene	2.118	96	70995	90.429	ug/L	99
14) Carbon disulfide	2.294	76	203775	90.426	ug/L	99
15) Methyl Acetate	2.433	43	67296	115.507	ug/L	96
16) Methylene chloride	2.507	84	98889	109.692	ug/L	98
17) trans-1,2-Dichloroethene	2.757	96	102343	111.652	ug/L	99
18) Methyl tert-butyl Ether	2.764	73	341178	109.696	ug/L	99
19) 1,1-Dichloroethane	3.185	63	151183	104.594	ug/L	98
20) cis-1,2-Dichloroethene	3.905	96	109099	104.115	ug/L	98
22) 2-Butanone	3.966	43	101079	187.700	ug/L	# 63
23) Bromochloromethane	4.243	128	63578	104.859	ug/L	98
25) Chloroform	4.371	83	197439	100.724	ug/L	100
27) 1,2-Dichloroethane	5.124	62	175262	101.222	ug/L	98
29) Cyclohexane	4.674	56	121049	108.039	ug/L	98
30) 1,1,1-Trichloroethane	4.603	97	218026	102.143	ug/L	98
31) Carbon tetrachloride	4.825	117	212178	101.508	ug/L	99
33) Benzene	5.095	78	365542	103.585	ug/L	100
34) Trichloroethene	5.908	95	110856	101.138	ug/L	97
35) Methylcyclohexane	6.127	83	164201	106.406	ug/L	97
37) 1,2-Dichloropropane	6.169	63	71540	109.458	ug/L	100
38) Bromodichloromethane	6.503	83	145591	101.701	ug/L	100
39) cis-1,3-Dichloropropene	7.021	75	146925	105.505	ug/L	99
40) 4-Methyl-2-pentanone	7.220	43	181890	209.433	ug/L	99
42) Toluene	7.384	91	439553	100.293	ug/L	98
44) trans-1,3-Dichloropropene	7.645	75	164359	105.178	ug/L	98
45) 1,1,2-Trichloroethane	7.834	97	89840	101.731	ug/L	98

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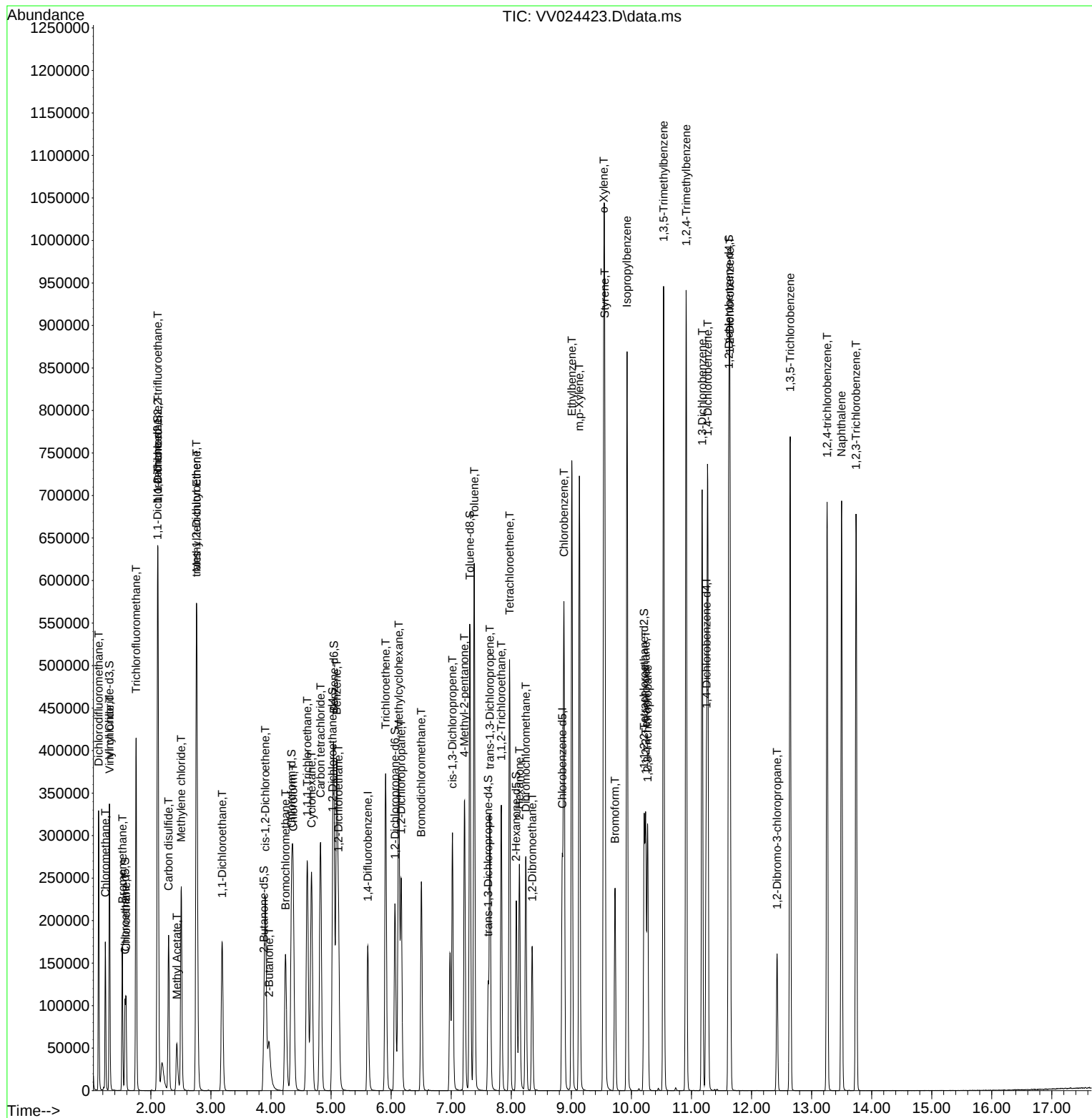
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Tetrachloroethene	7.973	164	110511	99.550	ug/L	97
48) 2-Hexanone	8.137	43	144361	208.616	ug/L	98
49) Dibromochloromethane	8.243	129	131338	105.429	ug/L	96
50) 1,2-Dibromoethane	8.349	107	97975	103.219	ug/L	98
51) Chlorobenzene	8.876	112	302973	100.540	ug/L	97
52) Ethylbenzene	9.008	91	488356	102.701	ug/L	99
53) m,p-Xylene	9.133	106	204503	102.310	ug/L	98
54) o-Xylene	9.542	106	196703	102.134	ug/L	99
55) Styrene	9.558	104	336139	102.492	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	109860	100.358	ug/L	97
59) Bromoform	9.728	173	102075	106.097	ug/L	100
60) Isopropylbenzene	9.928	105	540496	105.109	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	103139	98.059	ug/L	98
62) 1,3,5-Trimethylbenzene	10.535	105	488217	101.633	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	491524	102.692	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	284423	98.278	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	285724	98.515	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	278814	99.385	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	36489	106.192	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	238658	102.515	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	211856	102.528	ug/L	99
71) Naphthalene	13.500	128	530568	99.974	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	201632	102.409	ug/L	97

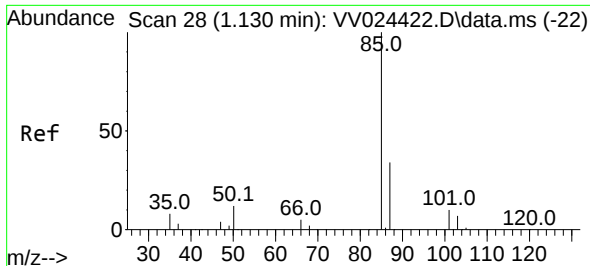
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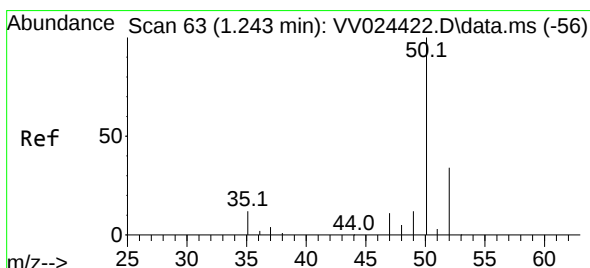
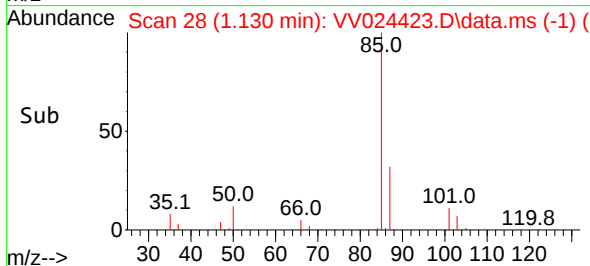
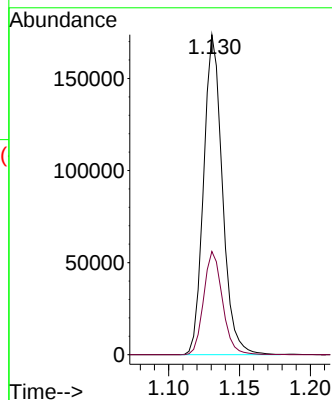
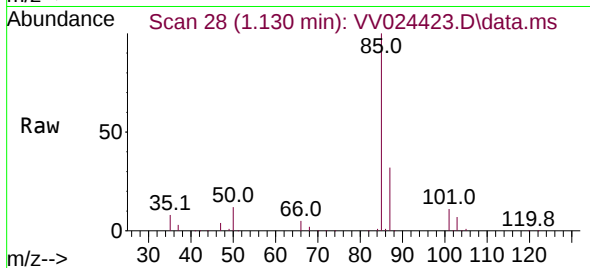




#2
Dichlorodifluoromethane
Concen: 96.280 ug/L
RT: 1.130 min Scan# 28
Delta R.T. -0.000 min
Lab File: VV024423.D
Acq: 21 Jan 2022 13:53

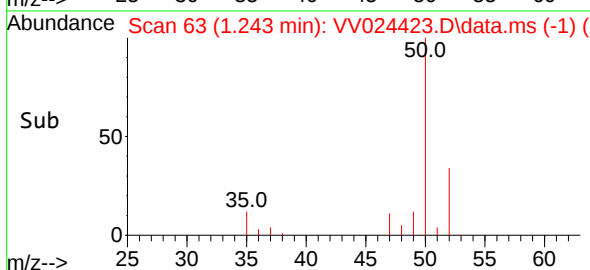
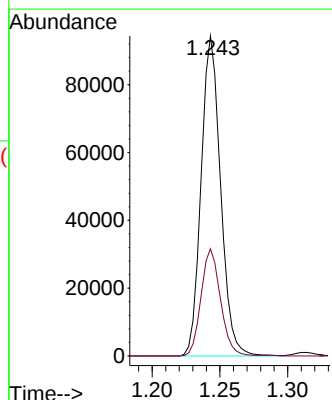
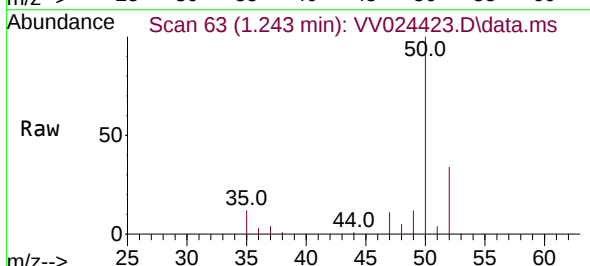
Instrument :
MSVOA_V
ClientSampleId :
VSTD100278

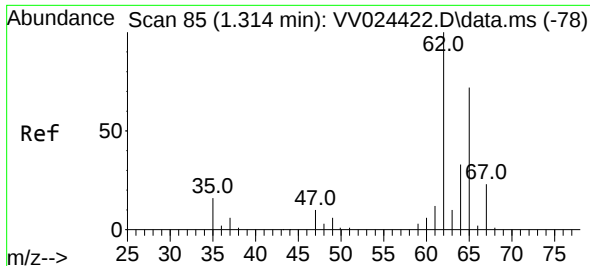
Tgt Ion: 85 Resp: 160194
Ion Ratio Lower Upper
85 100
87 32.2 27.6 41.4



#3
Chloromethane
Concen: 93.454 ug/L
RT: 1.243 min Scan# 63
Delta R.T. -0.000 min
Lab File: VV024423.D
Acq: 21 Jan 2022 13:53

Tgt Ion: 50 Resp: 94204
Ion Ratio Lower Upper
50 100
52 33.5 23.9 44.5

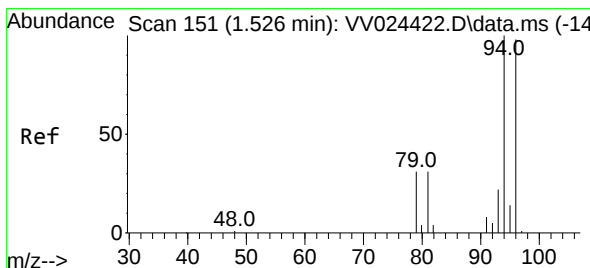
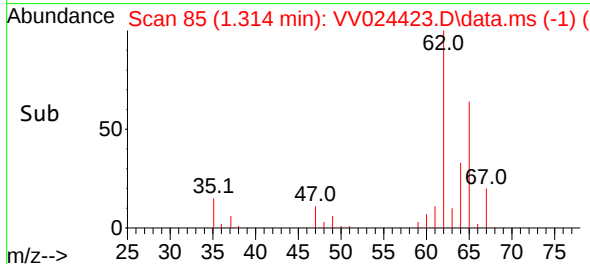
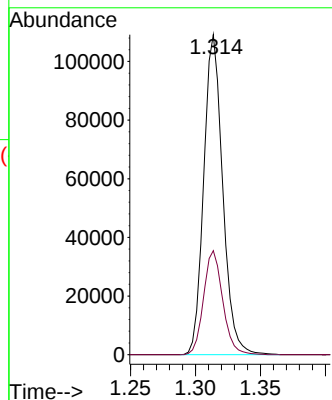
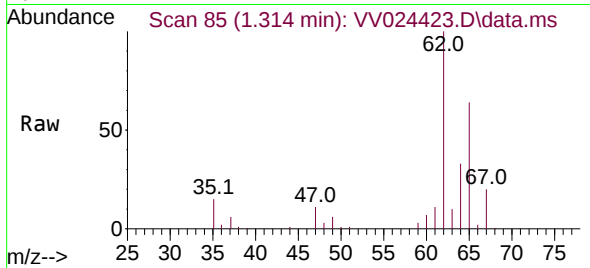




#5
 Vinyl chloride
 Concen: 94.558 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. -0.000 min
 Lab File: VV024423.D
 Acq: 21 Jan 2022 13:53

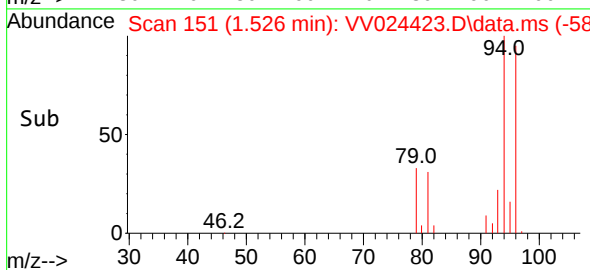
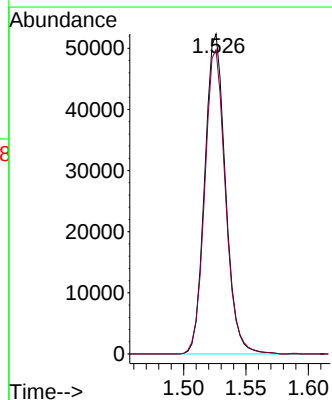
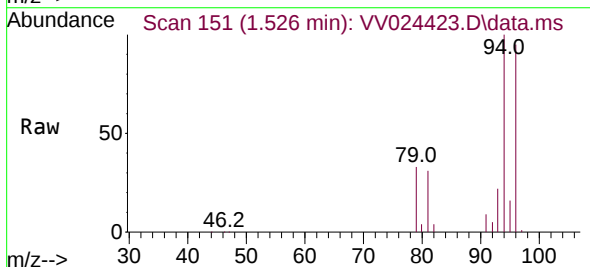
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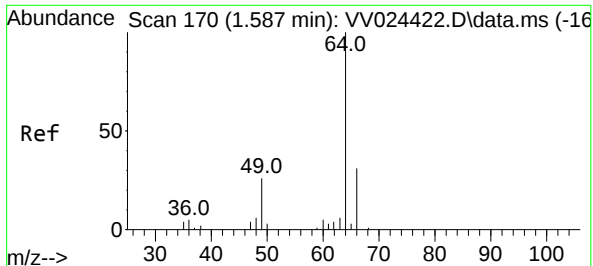
Tgt Ion: 62 Resp: 111116
 Ion Ratio Lower Upper
 62 100
 64 32.5 23.3 43.3



#6
 Bromomethane
 Concen: 94.700 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. -0.000 min
 Lab File: VV024423.D
 Acq: 21 Jan 2022 13:53

Tgt Ion: 94 Resp: 60462
 Ion Ratio Lower Upper
 94 100
 96 95.0 68.3 126.9

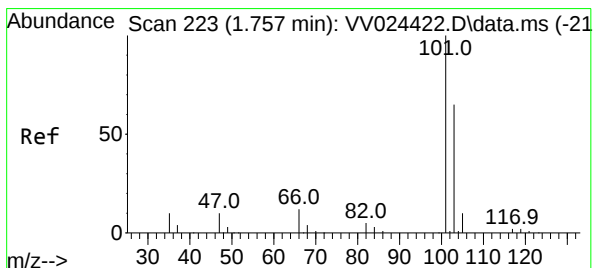
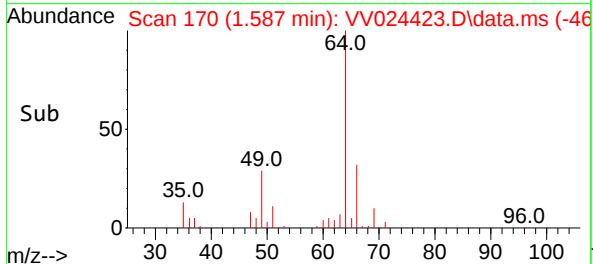
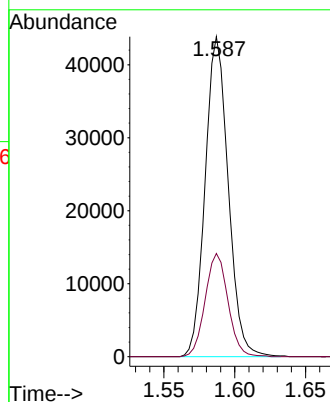
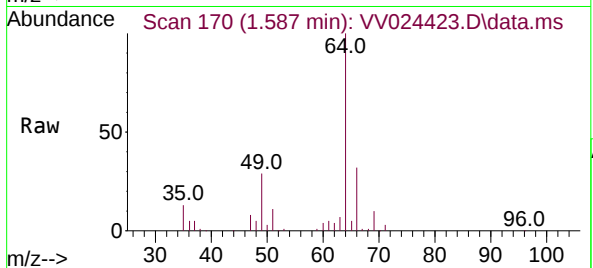




#8
Chloroethane
Concen: 97.871 ug/L
RT: 1.587 min Scan# 170
Delta R.T. -0.000 min
Lab File: VV024423.D
Acq: 21 Jan 2022 13:53

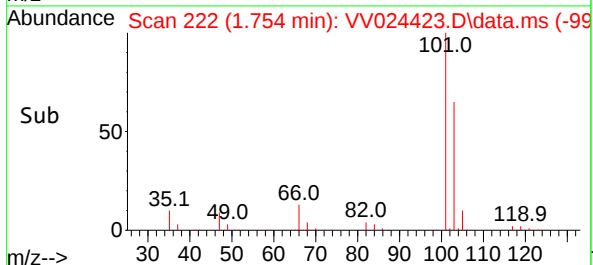
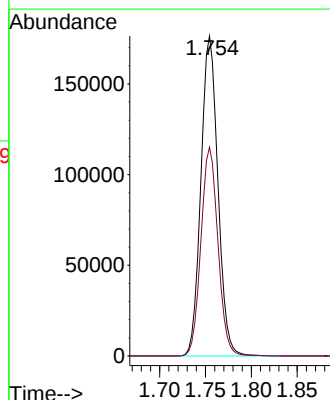
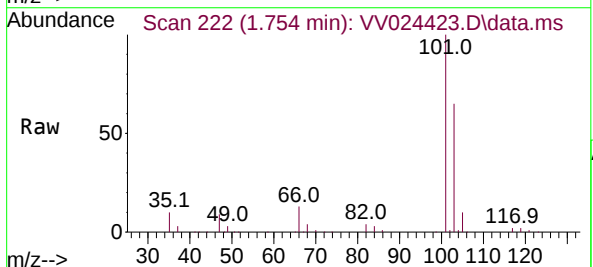
Instrument :
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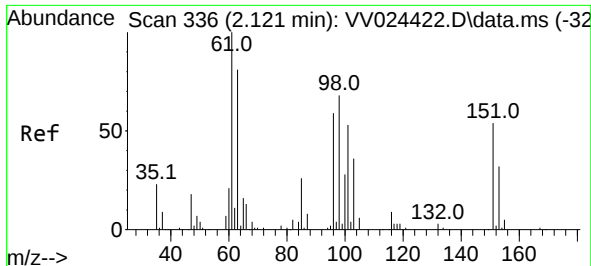
Tgt Ion: 64 Resp: 49653
Ion Ratio Lower Upper
64 100
66 32.2 21.9 40.7



#9
Trichlorofluoromethane
Concen: 100.724 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.003 min
Lab File: VV024423.D
Acq: 21 Jan 2022 13:53

Tgt Ion:101 Resp: 227523
Ion Ratio Lower Upper
101 100
103 65.3 51.4 77.0





#10

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

Concen: 91.225 ug/L

RT: 2.118 min Scan# 335

Delta R.T. -0.003 min

Lab File: VV024423.D

Acq: 21 Jan 2022 13:53

Instrument :

MSVOA_V

ClientSampleId :

VSTD100278

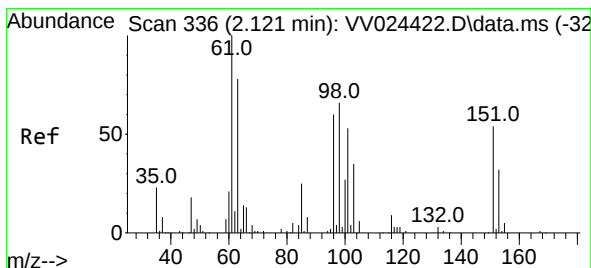
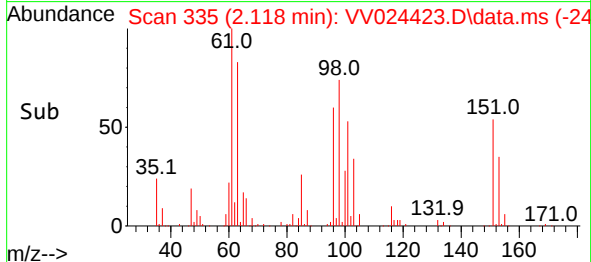
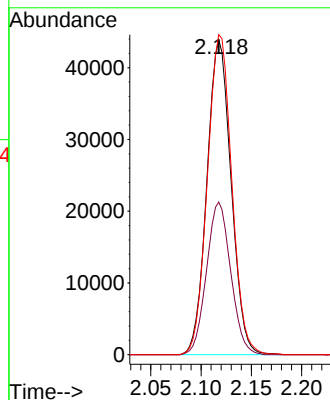
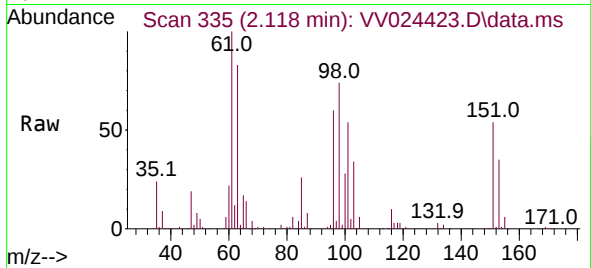
Tgt Ion:101 Resp: 73571

Ion Ratio Lower Upper

101 100

85 48.4 38.6 58.0

151 102.1 77.8 116.6



#12

1,1-Dichloroethene

Concen: 90.429 ug/L

RT: 2.118 min Scan# 335

Delta R.T. -0.003 min

Lab File: VV024423.D

Acq: 21 Jan 2022 13:53

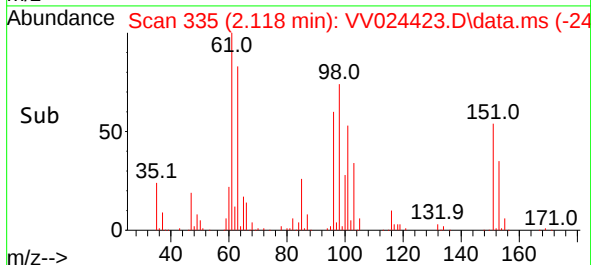
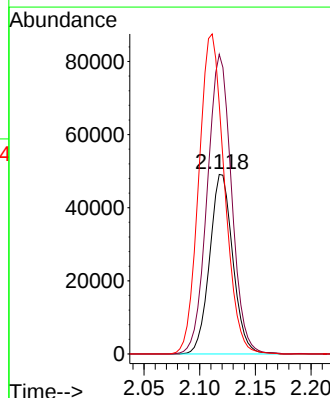
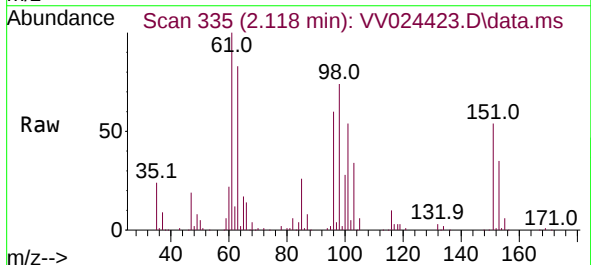
Tgt Ion: 96 Resp: 70995

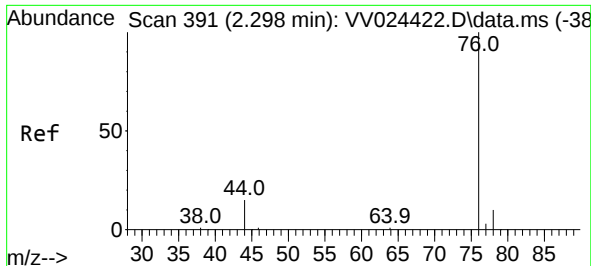
Ion Ratio Lower Upper

96 100

61 166.9 117.8 218.8

63 139.1 96.4 179.0

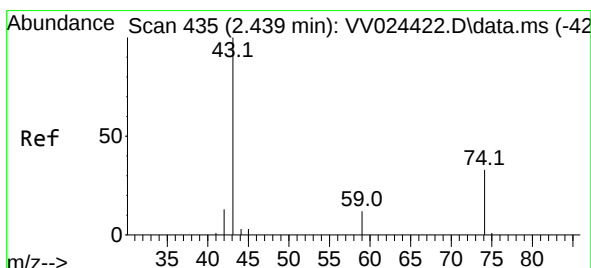
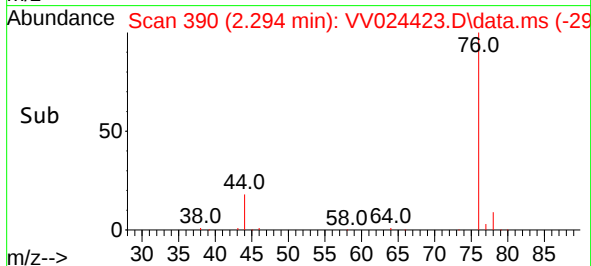
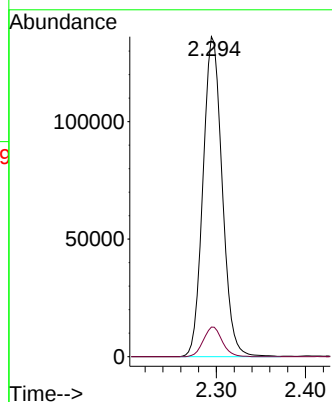
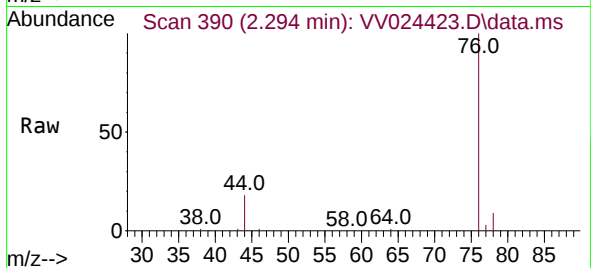




#14
Carbon disulfide
Concen: 90.426 ug/L
RT: 2.294 min Scan# 391
Delta R.T. -0.003 min
Lab File: VV024423.D
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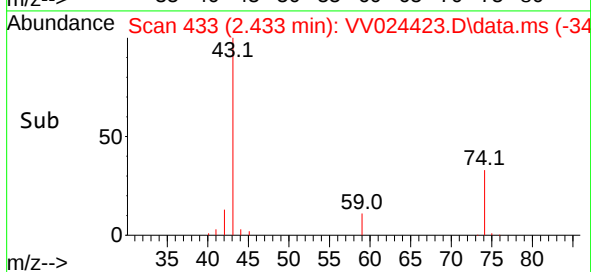
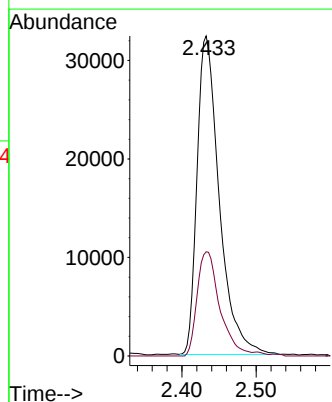
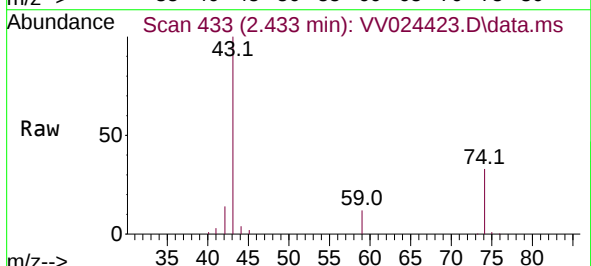
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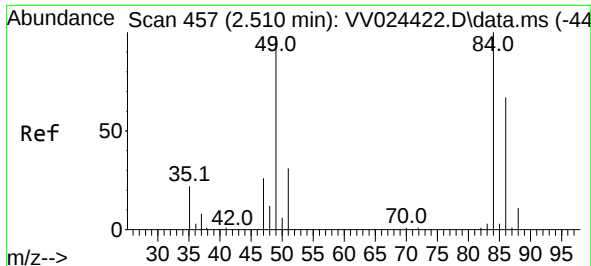
Tgt Ion: 76 Resp: 203775
Ion Ratio Lower Upper
76 100
78 9.2 7.7 11.5



#15
Methyl Acetate
Concen: 115.507 ug/L
RT: 2.433 min Scan# 433
Delta R.T. -0.006 min
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Acq: 21 Jan 2022 13:53

Tgt Ion: 43 Resp: 67296
Ion Ratio Lower Upper
43 100
74 33.2 24.7 37.1

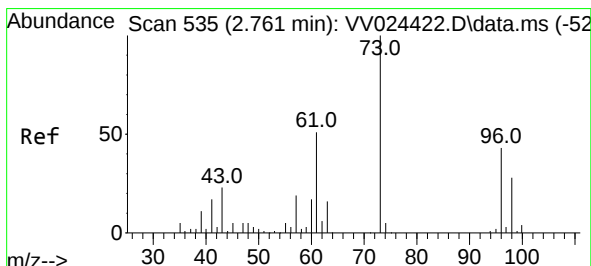
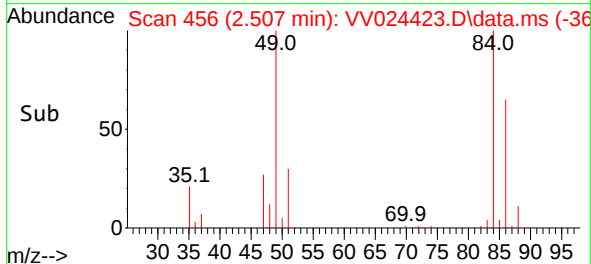
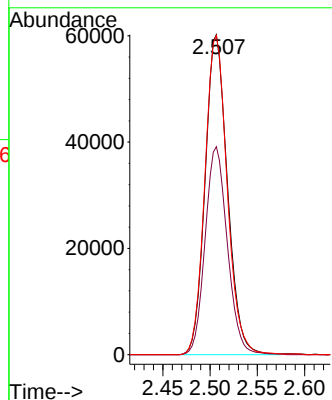
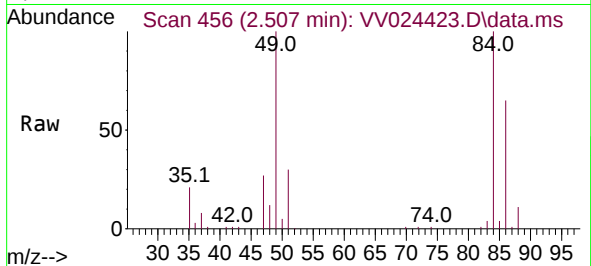




#16
Methylene chloride
Concen: 109.692 ug/L
RT: 2.507 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV024423.D
Acq: 21 Jan 2022 13:53

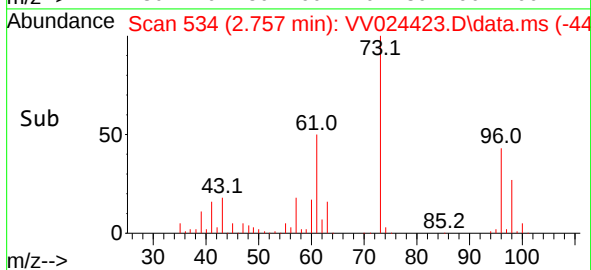
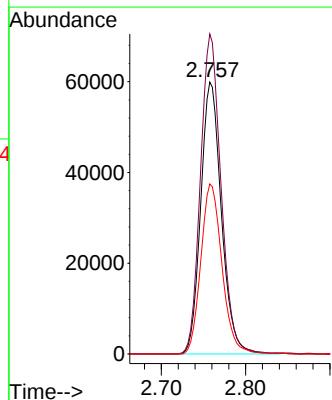
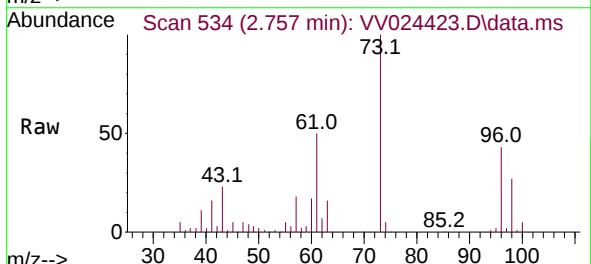
Instrument :
MSVOA_V
ClientSampleId :
VSTD100278

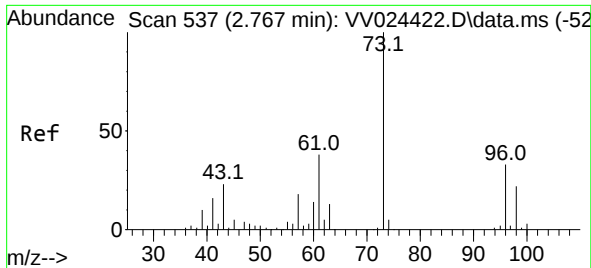
Tgt Ion: 84 Resp: 98889
Ion Ratio Lower Upper
84 100
86 65.0 47.0 87.4
49 99.7 68.5 127.3



#17
trans-1,2-Dichloroethene
Concen: 111.652 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.003 min
Lab File: VV024423.D
Acq: 21 Jan 2022 13:53

Tgt Ion: 96 Resp: 102343
Ion Ratio Lower Upper
96 100
61 117.7 83.0 154.1
98 62.5 45.1 83.7

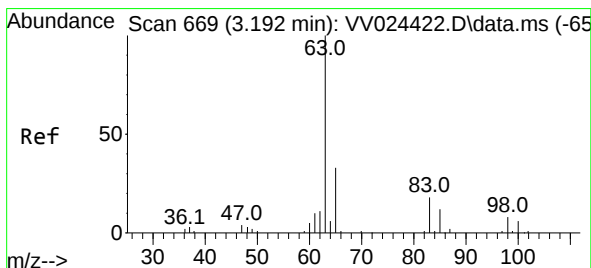
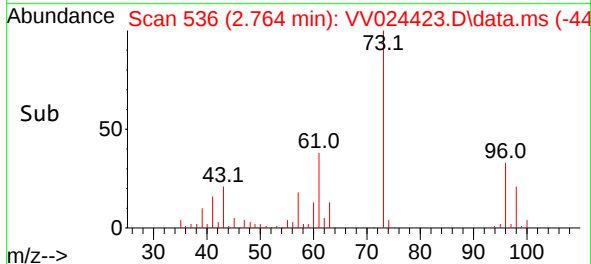
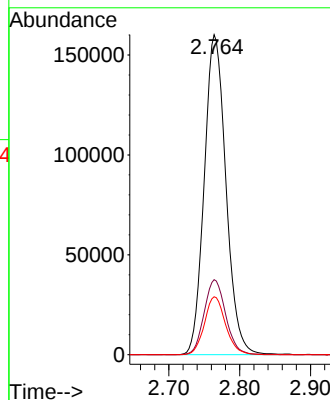
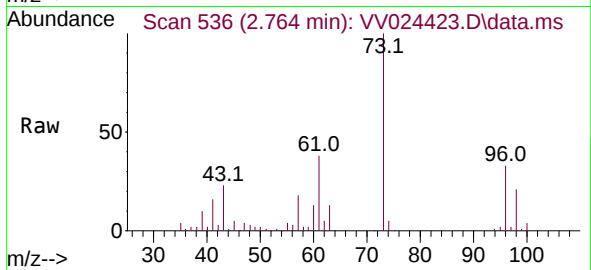




#18
Methyl tert-butyl Ether
Concen: 109.696 ug/L
RT: 2.764 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV024423.D
Acq: 21 Jan 2022 13:53

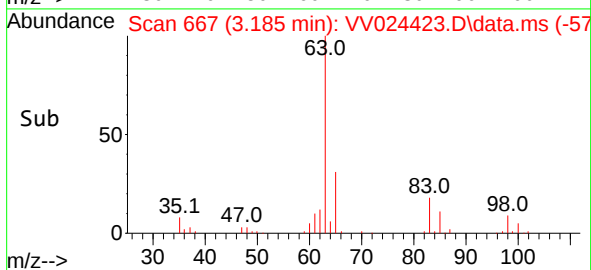
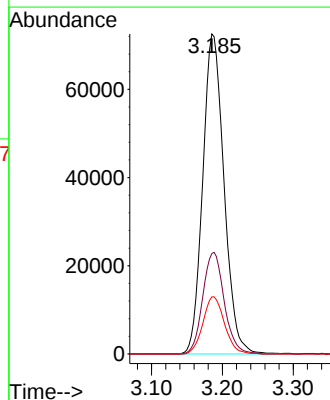
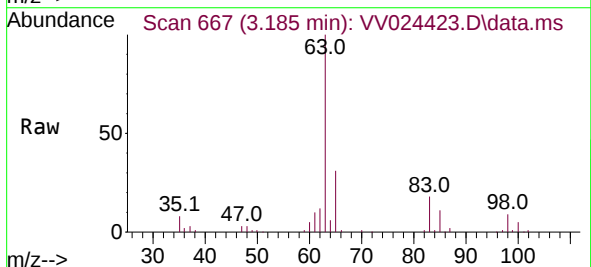
Instrument :
MSVOA_V
ClientSampleId :
VSTD100278

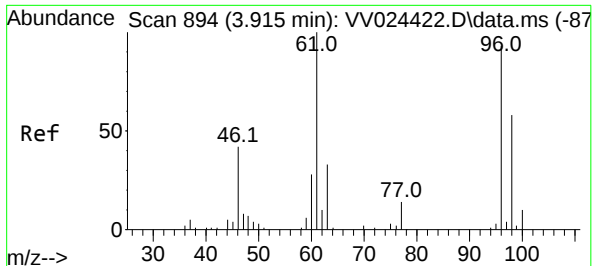
Tgt Ion: 73 Resp: 341178
Ion Ratio Lower Upper
73 100
43 23.3 18.3 27.5
57 17.6 14.2 21.2



#19
1,1-Dichloroethane
Concen: 104.594 ug/L
RT: 3.185 min Scan# 667
Delta R.T. -0.006 min
Lab File: VV024423.D
Acq: 21 Jan 2022 13:53

Tgt Ion: 63 Resp: 151183
Ion Ratio Lower Upper
63 100
65 31.4 22.7 42.3
83 17.8 12.7 23.7



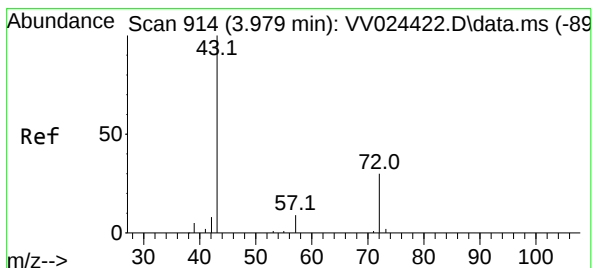
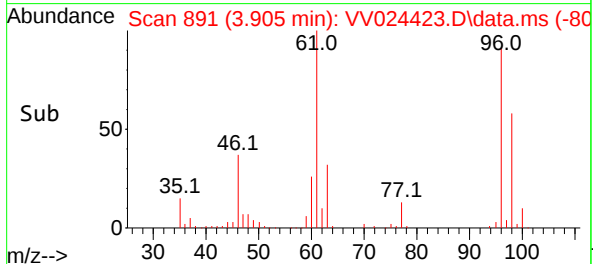
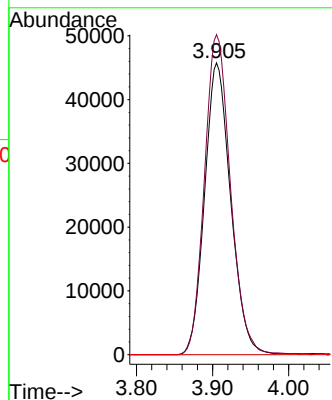
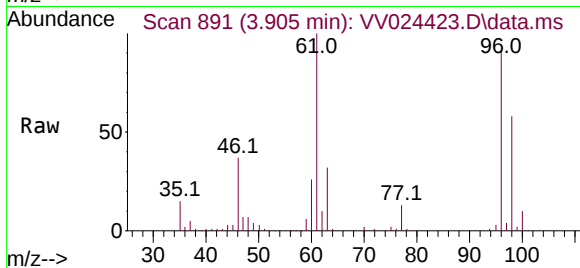


#20
 cis-1,2-Dichloroethene
 Concen: 104.115 ug/L
 RT: 3.905 min Scan# 894
 Delta R.T. -0.010 min
 Lab File: VV024423.D
 Acq: 21 Jan 2022 13:53

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD100278

Tgt Ion: 96 Resp: 109099

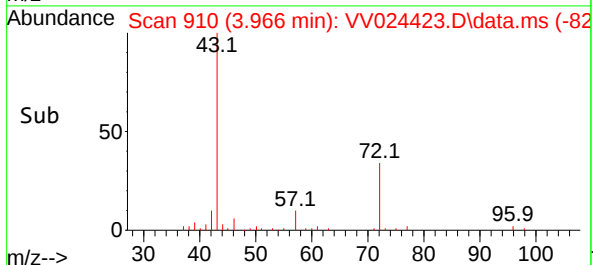
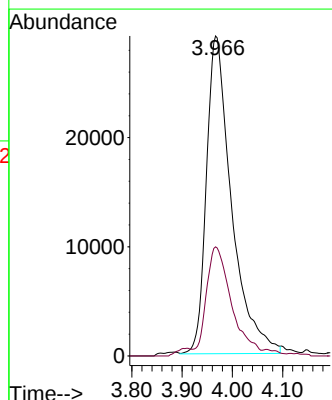
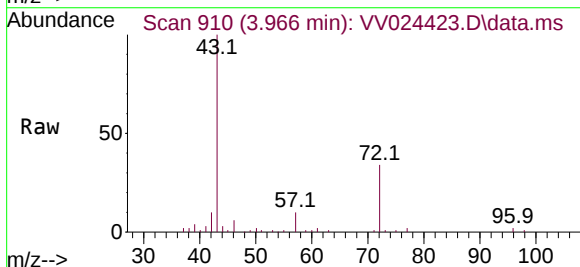
Ion	Ratio	Lower	Upper
96	100		
61	109.6	75.4	140.0
68	0.0	0.0	0.0

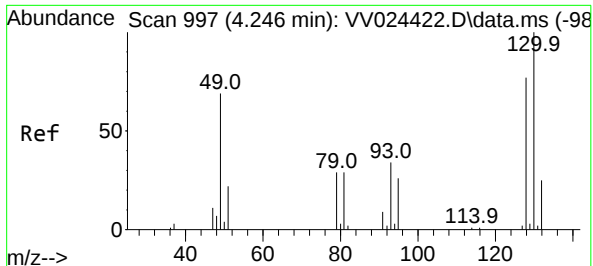


#22
 2-Butanone
 Concen: 187.700 ug/L
 RT: 3.966 min Scan# 910
 Delta R.T. -0.013 min
 Lab File: VV024423.D
 Acq: 21 Jan 2022 13:53

Tgt Ion: 43 Resp: 101079

Ion	Ratio	Lower	Upper
43	100		
72	31.5	7.9	23.7

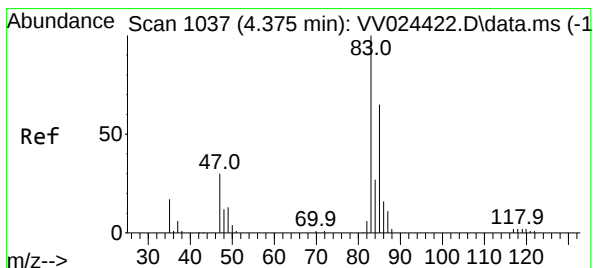
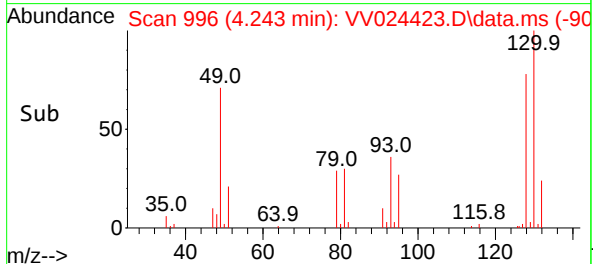
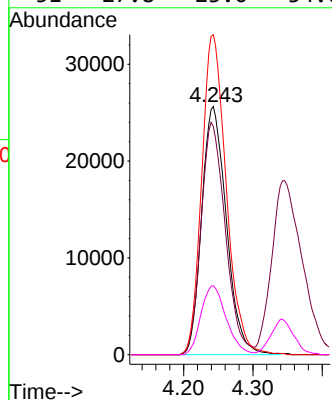
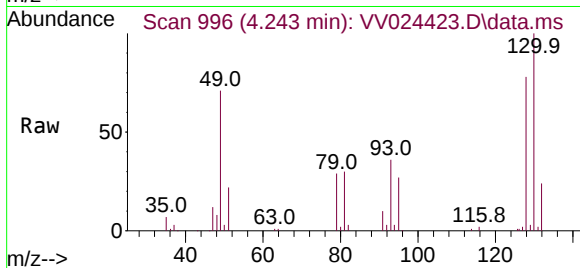




#23
Bromochloromethane
Concen: 104.859 ug/L
RT: 4.243 min Scan# 997
Delta R.T. -0.003 min
Lab File: VV024423.D
Acq: 21 Jan 2022 13:53

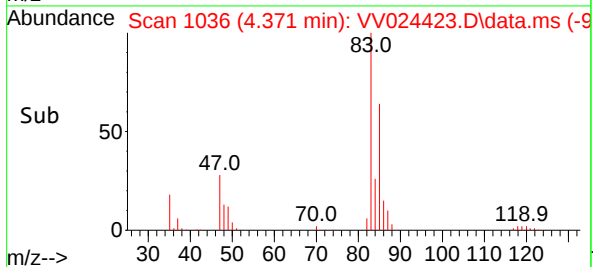
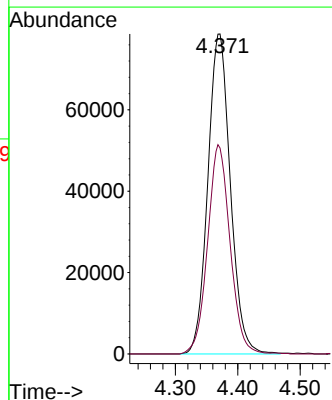
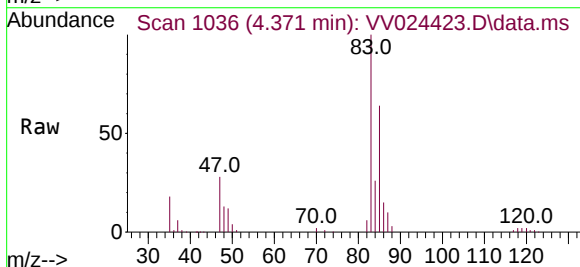
Instrument :
MSVOA_V
ClientSampleId :
VSTD100278

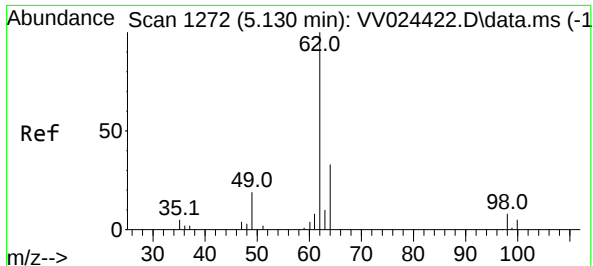
Tgt Ion:128 Resp: 63578
Ion Ratio Lower Upper
128 100
49 91.9 62.4 115.8
130 128.9 91.0 169.0
51 27.8 23.0 34.6



#25
Chloroform
Concen: 100.724 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. -0.003 min
Lab File: VV024423.D
Acq: 21 Jan 2022 13:53

Tgt Ion: 83 Resp: 197439
Ion Ratio Lower Upper
83 100
85 64.3 45.1 83.9





#27

1,2-Dichloroethane

Concen: 101.222 ug/L

RT: 5.124 min Scan# 11

Delta R.T. -0.006 min

Lab File: VV024423.D

Acq: 21 Jan 2022 13:53

Instrument :

MSVOA_V

ClientSampleId :

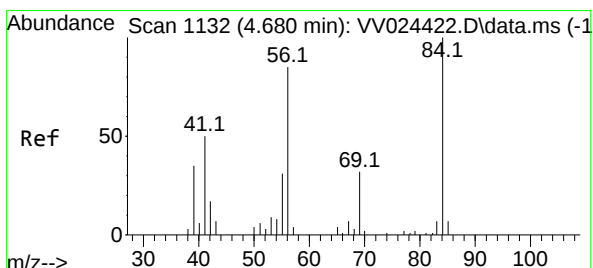
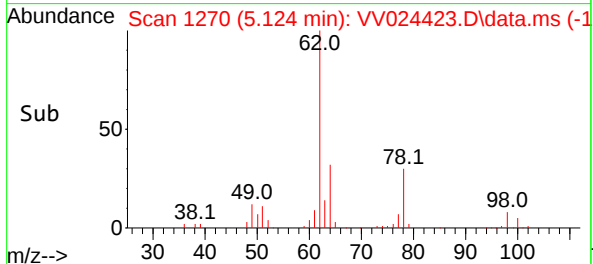
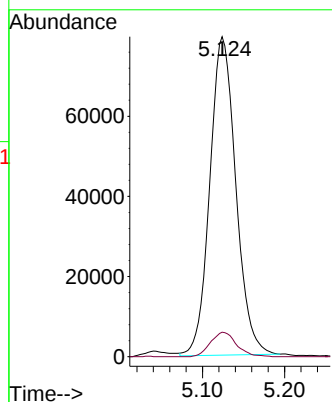
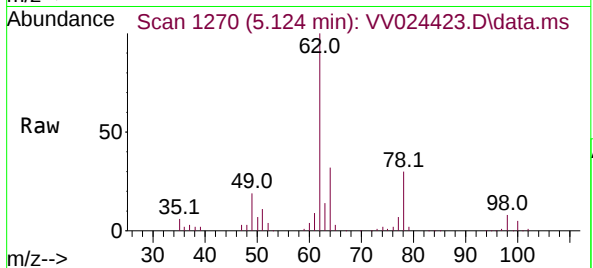
VSTD100278

Tgt Ion: 62 Resp: 175262

Ion Ratio Lower Upper

62 100

98 7.6 6.6 9.8



#29

Cyclohexane

Concen: 108.039 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VV024423.D

Acq: 21 Jan 2022 13:53

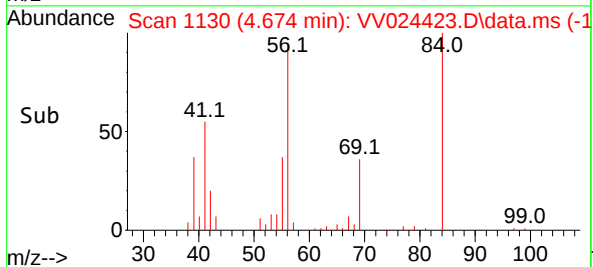
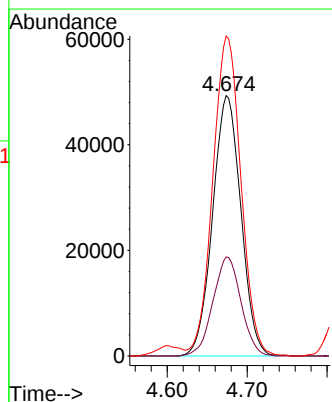
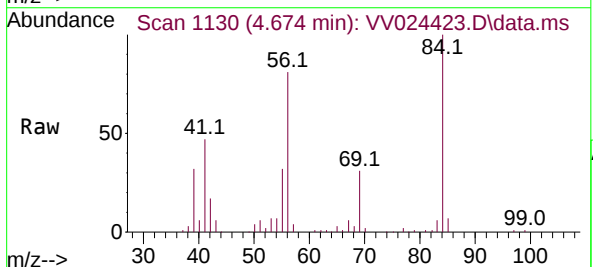
Tgt Ion: 56 Resp: 121049

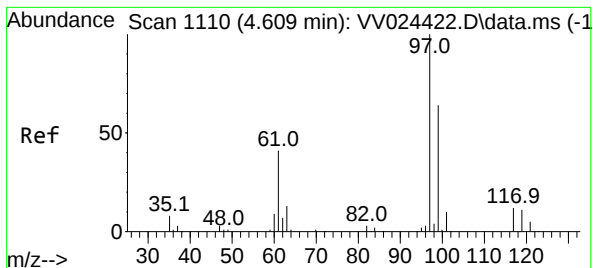
Ion Ratio Lower Upper

56 100

69 37.7 29.5 44.3

84 122.4 95.8 143.8





#30

1,1,1-Trichloroethane

Concen: 102.143 ug/L

RT: 4.603 min Scan# 1110

Delta R.T. -0.006 min

Lab File: VV024423.D

Acq: 21 Jan 2022 13:53

Instrument :

MSVOA_V

ClientSampleId :

VSTD100278

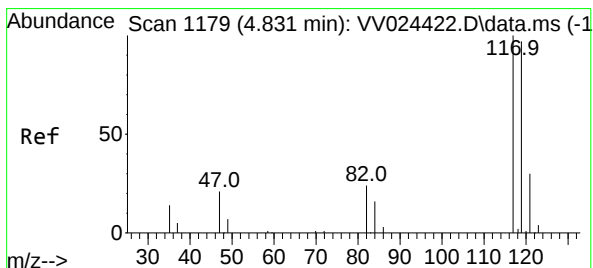
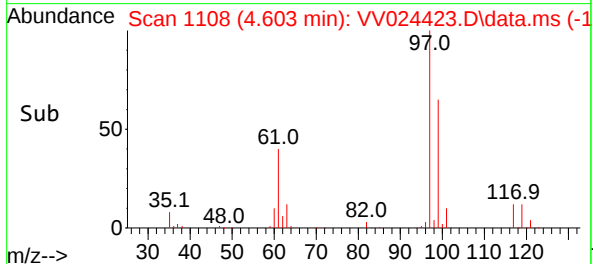
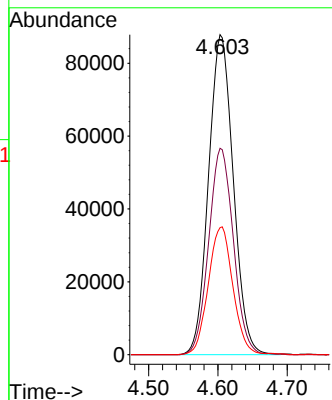
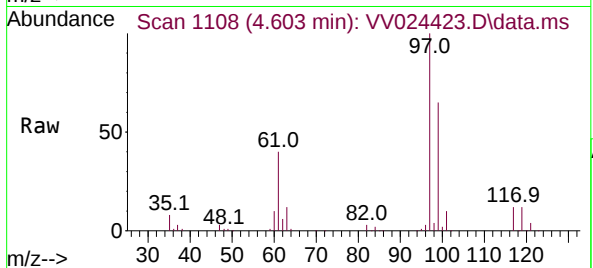
Tgt Ion: 97 Resp: 218026

Ion Ratio Lower Upper

97 100

99 64.3 50.5 75.7

61 39.7 32.5 48.7



#31

Carbon tetrachloride

Concen: 101.508 ug/L

RT: 4.825 min Scan# 1177

Delta R.T. -0.006 min

Lab File: VV024423.D

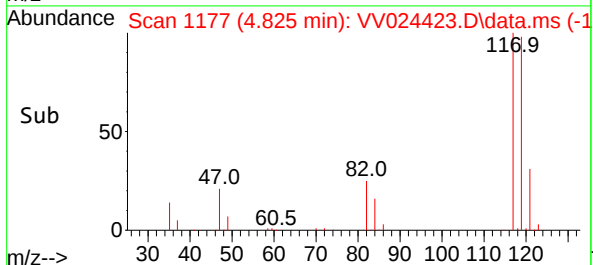
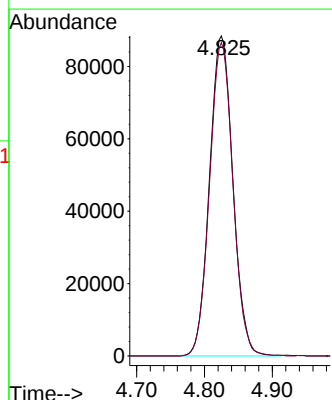
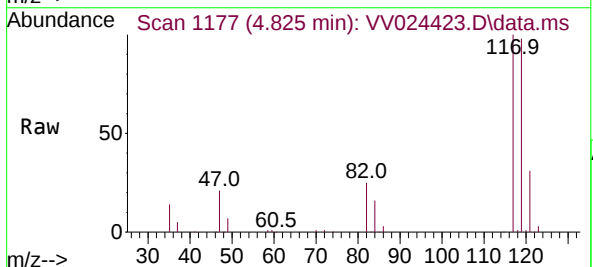
Acq: 21 Jan 2022 13:53

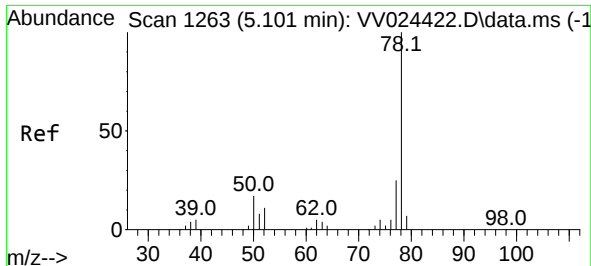
Tgt Ion: 117 Resp: 212178

Ion Ratio Lower Upper

117 100

119 97.5 79.0 118.4

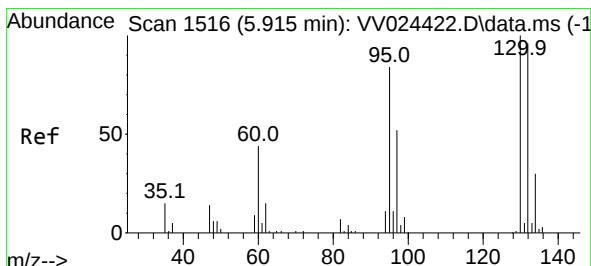
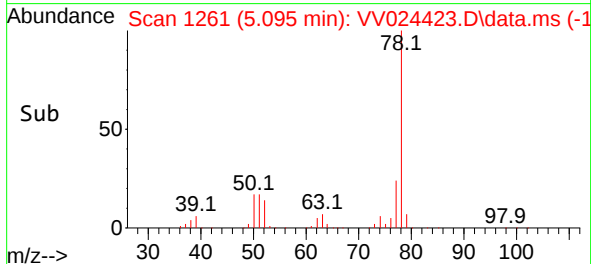
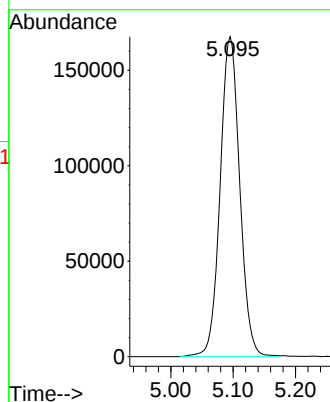
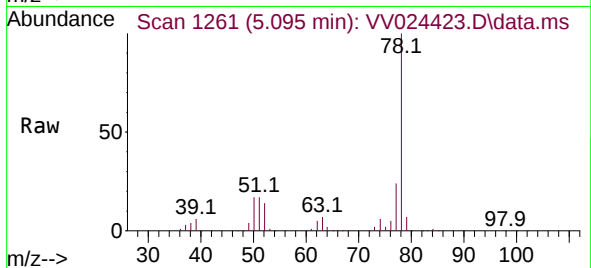




#33
Benzene
Concen: 103.585 ug/L
RT: 5.095 min Scan# 11
Delta R.T. -0.006 min
Lab File: VV024423.D
Acq: 21 Jan 2022 13:53

Instrument :
MSVOA_V
ClientSampleId :
VSTD100278

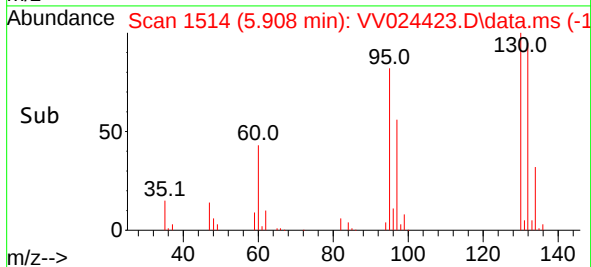
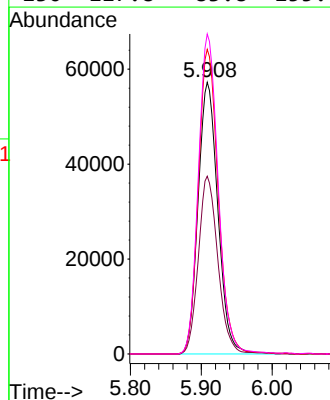
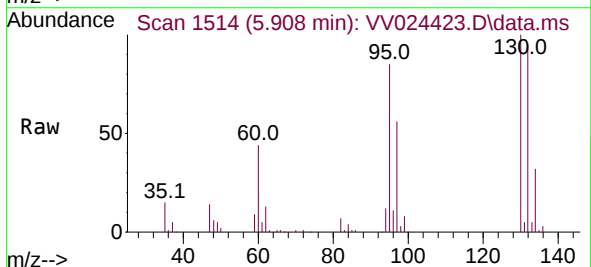
Tgt Ion: 78 Resp: 365542

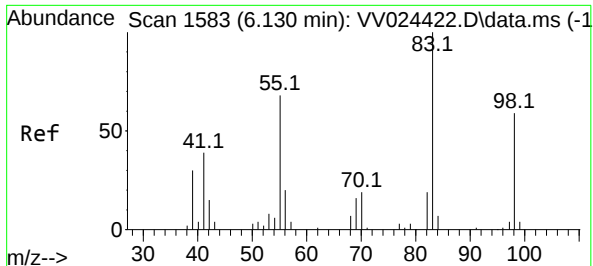


#34
Trichloroethene
Concen: 101.138 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. -0.006 min
Lab File: VV024423.D
Acq: 21 Jan 2022 13:53

Tgt Ion: 95 Resp: 110856

Ion	Ratio	Lower	Upper
95	100		
97	65.4	43.5	80.9
132	112.1	80.5	149.5
130	117.8	83.8	155.6





#35

Methylcyclohexane

Concen: 106.406 ug/L

RT: 6.127 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV024423.D

Acq: 21 Jan 2022 13:53

Instrument :

MSVOA_V

ClientSampleId :

VSTD100278

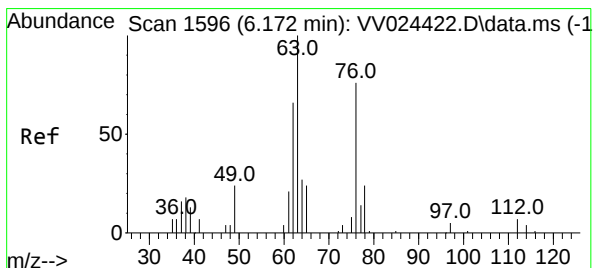
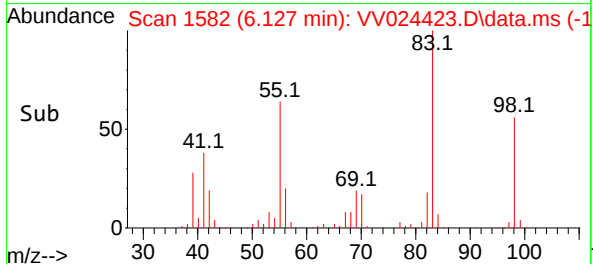
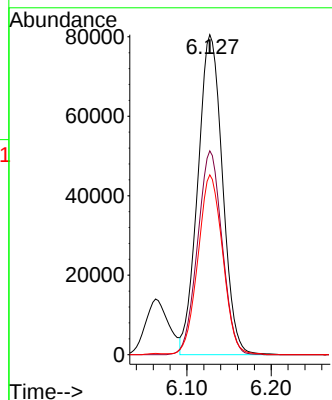
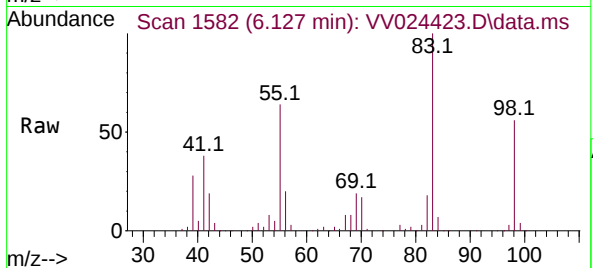
Tgt Ion: 83 Resp: 164201

Ion Ratio Lower Upper

83 100

55 63.3 53.0 79.4

98 56.3 46.2 69.2



#37

1,2-Dichloropropane

Concen: 109.458 ug/L

RT: 6.169 min Scan# 1595

Delta R.T. -0.003 min

Lab File: VV024423.D

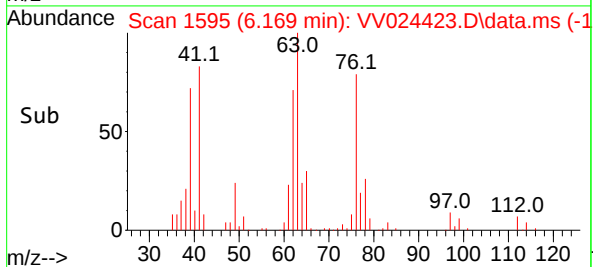
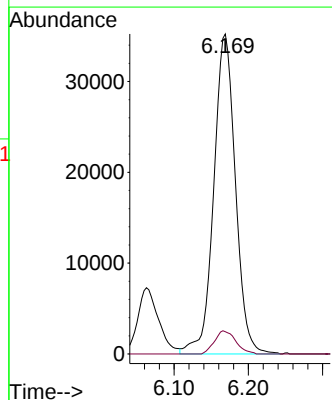
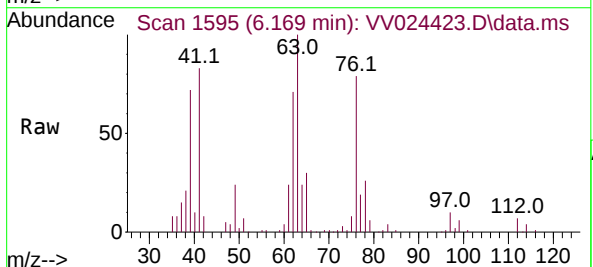
Acq: 21 Jan 2022 13:53

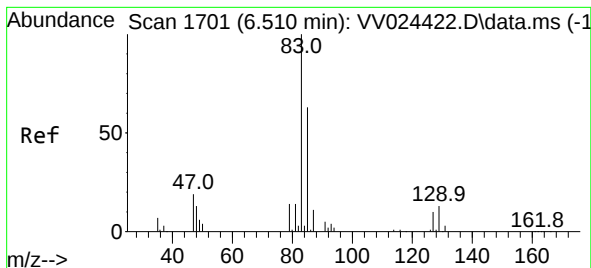
Tgt Ion: 63 Resp: 71540

Ion Ratio Lower Upper

63 100

112 7.1 5.7 8.5





#38

Bromodichloromethane

Concen: 101.701 ug/L

RT: 6.503 min Scan# 1

Delta R.T. -0.006 min

Lab File: VV024423.D

Acq: 21 Jan 2022 13:53

Instrument :

MSVOA_V

ClientSampleId :

VSTD100278

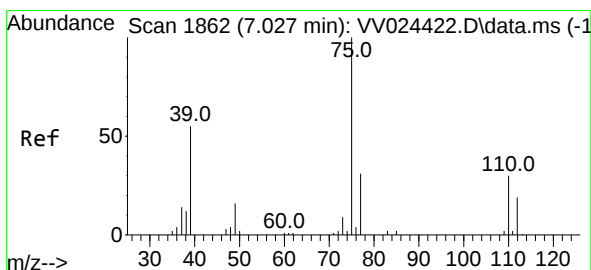
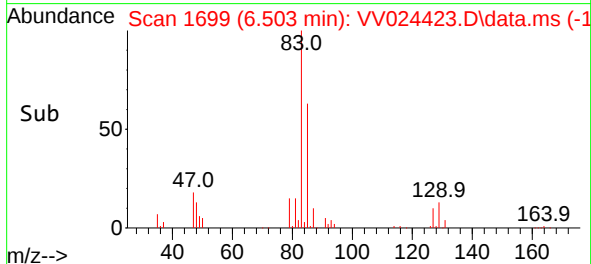
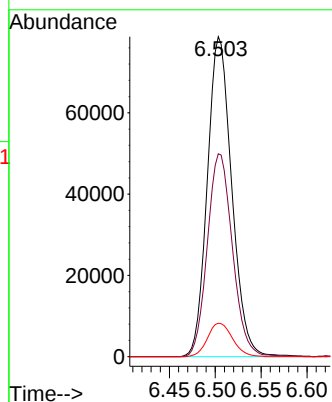
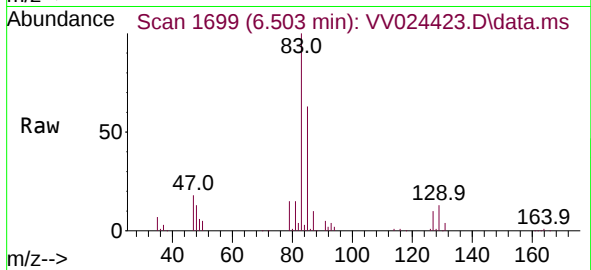
Tgt Ion: 83 Resp: 145591

Ion Ratio Lower Upper

83 100

85 63.4 44.4 82.5

127 10.5 7.9 11.9



#39

cis-1,3-Dichloropropene

Concen: 105.505 ug/L

RT: 7.021 min Scan# 1860

Delta R.T. -0.006 min

Lab File: VV024423.D

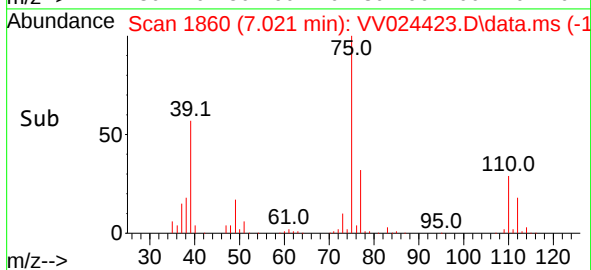
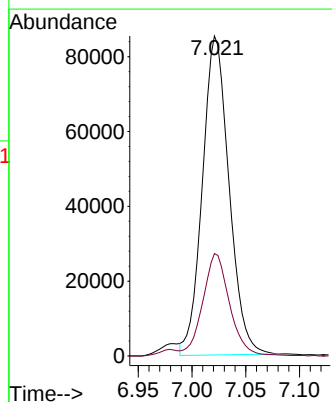
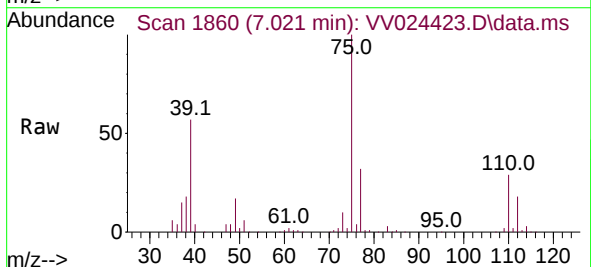
Acq: 21 Jan 2022 13:53

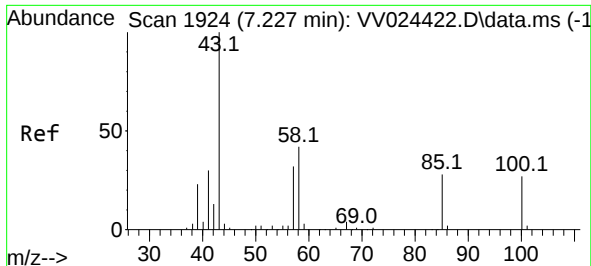
Tgt Ion: 75 Resp: 146925

Ion Ratio Lower Upper

75 100

77 32.0 22.2 41.2





#40

4-Methyl-2-pentanone

Concen: 209.433 ug/L

RT: 7.220 min Scan# 1924

Delta R.T. -0.006 min

Lab File: VV024423.D

Acq: 21 Jan 2022 13:53

Instrument :

MSVOA_V

ClientSampleId :

VSTD100278

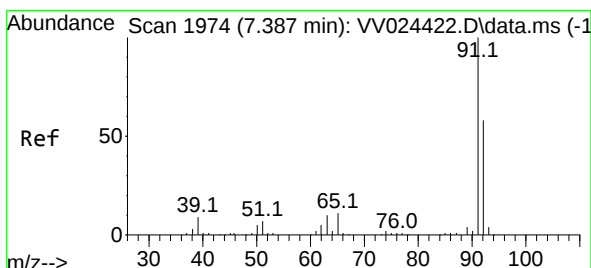
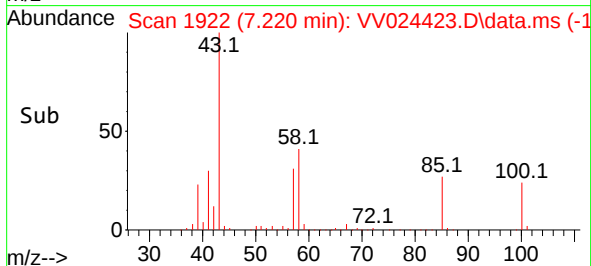
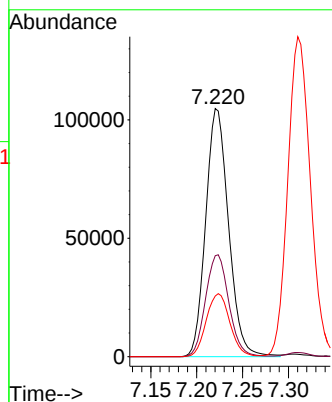
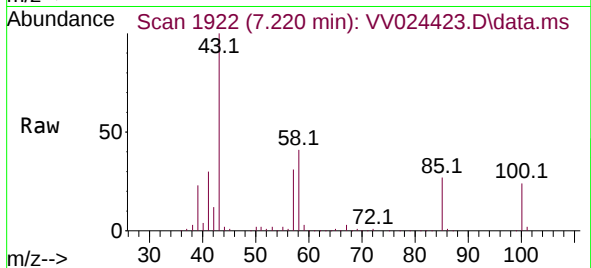
Tgt Ion: 43 Resp: 181890

Ion Ratio Lower Upper

43 100

58 41.7 33.7 50.5

100 26.2 21.3 31.9



#42

Toluene

Concen: 100.293 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. -0.003 min

Lab File: VV024423.D

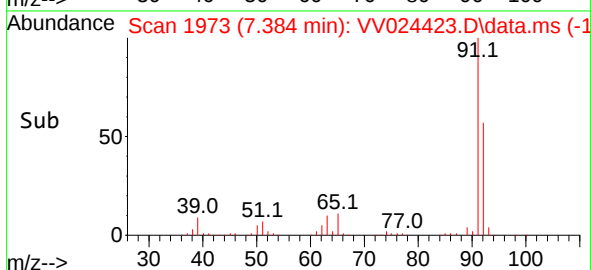
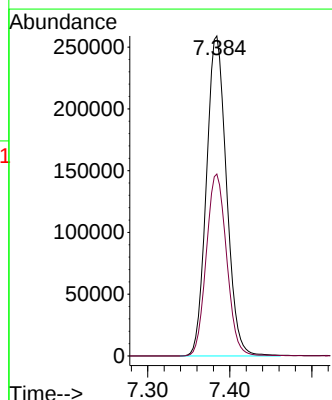
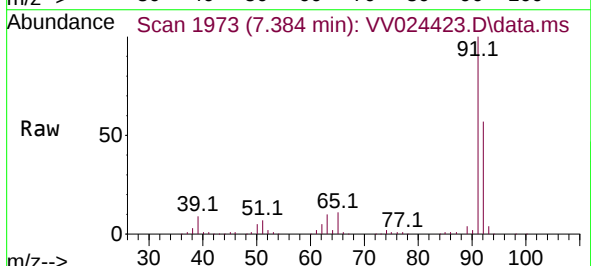
Acq: 21 Jan 2022 13:53

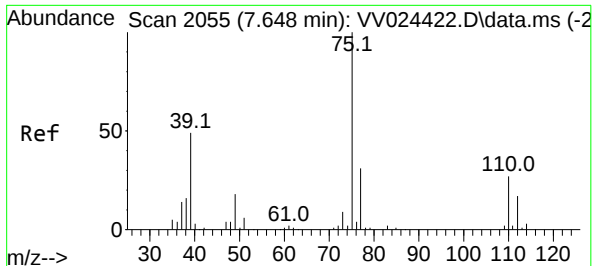
Tgt Ion: 91 Resp: 439553

Ion Ratio Lower Upper

91 100

92 56.9 40.6 75.4

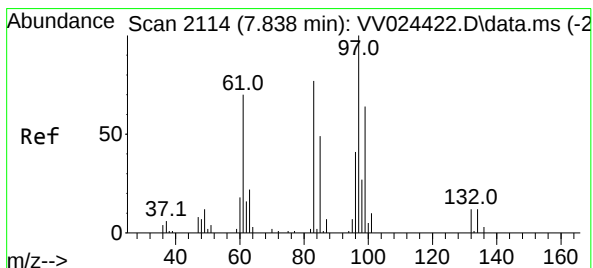
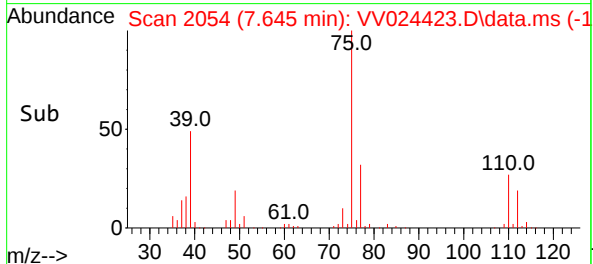
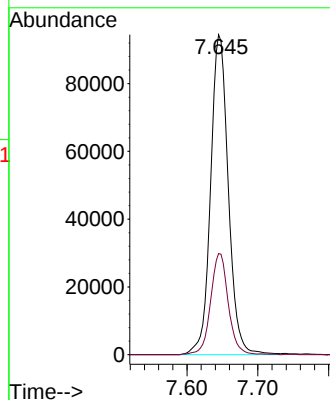
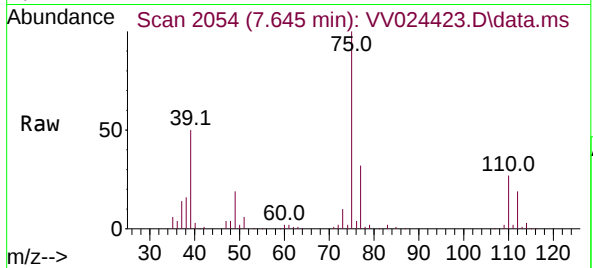




#44
trans-1,3-Dichloropropene
Concen: 105.178 ug/L
RT: 7.645 min Scan# 2054
Delta R.T. -0.003 min
Lab File: VV024423.D
Acq: 21 Jan 2022 13:53

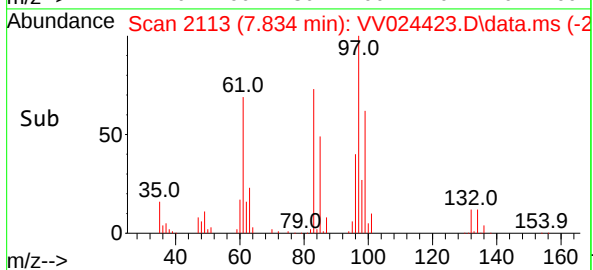
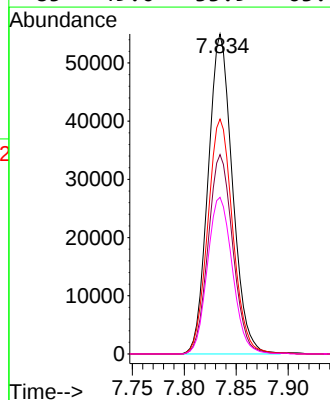
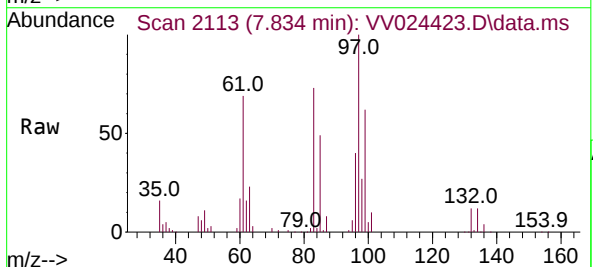
Instrument :
MSVOA_V
ClientSampleId :
VSTD100278

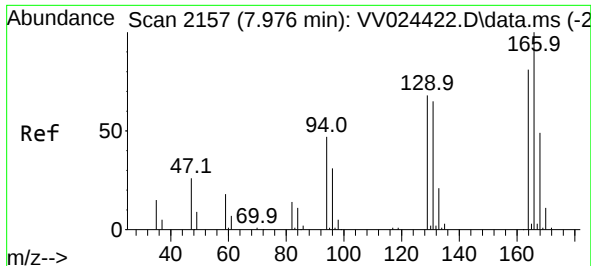
Tgt Ion: 75 Resp: 164359
Ion Ratio Lower Upper
75 100
77 31.6 21.5 39.9



#45
1,1,2-Trichloroethane
Concen: 101.731 ug/L
RT: 7.834 min Scan# 2113
Delta R.T. -0.003 min
Lab File: VV024423.D
Acq: 21 Jan 2022 13:53

Tgt Ion: 97 Resp: 89840
Ion Ratio Lower Upper
97 100
99 62.3 44.8 83.2
83 73.4 53.5 99.5
85 49.0 33.9 63.0

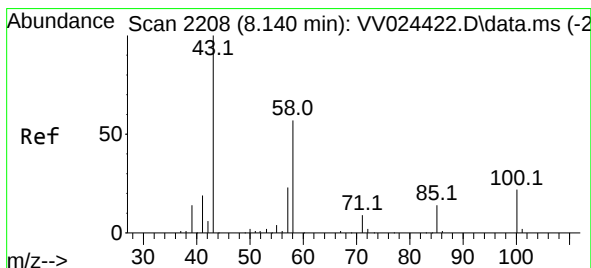
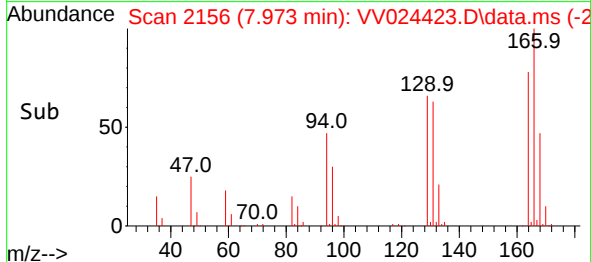
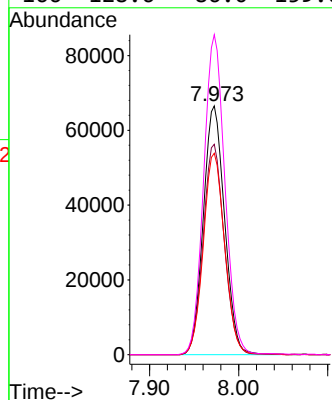
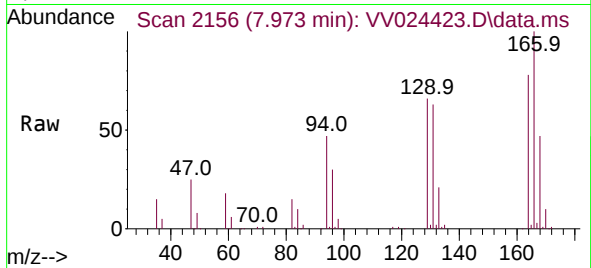




#46
Tetrachloroethene
Concen: 99.550 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. -0.003 min
Lab File: VV024423.D
Acq: 21 Jan 2022 13:53

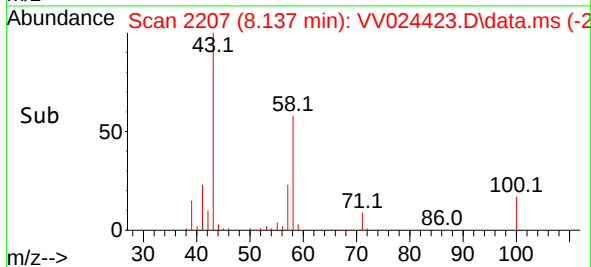
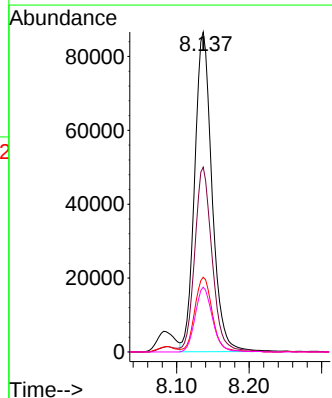
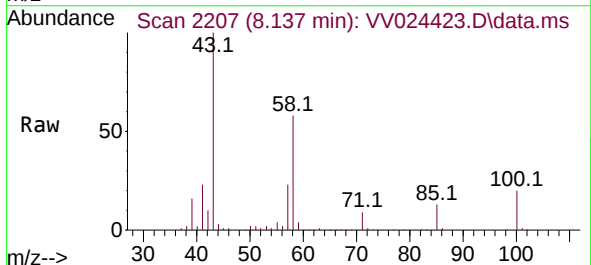
Instrument :
MSVOA_V
ClientSampleId :
VSTD100278

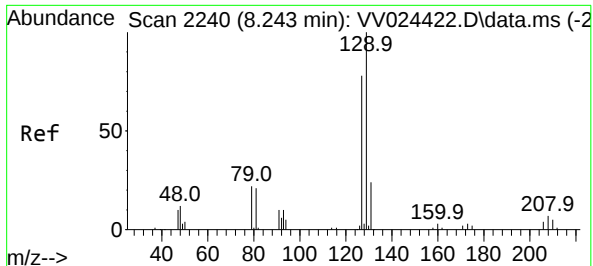
Tgt Ion:164 Resp: 110511
Ion Ratio Lower Upper
164 100
129 84.6 58.4 108.6
131 81.0 56.1 104.1
166 128.6 86.0 159.6



#48
2-Hexanone
Concen: 208.616 ug/L
RT: 8.137 min Scan# 2207
Delta R.T. -0.003 min
Lab File: VV024423.D
Acq: 21 Jan 2022 13:53

Tgt Ion: 43 Resp: 144361
Ion Ratio Lower Upper
43 100
58 56.3 46.2 69.4
57 23.7 19.3 28.9
100 20.0 16.9 25.3





#49

Dibromochloromethane

Concen: 105.429 ug/L

RT: 8.243 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV024423.D

Acq: 21 Jan 2022 13:53

Instrument :

MSVOA_V

ClientSampleId :

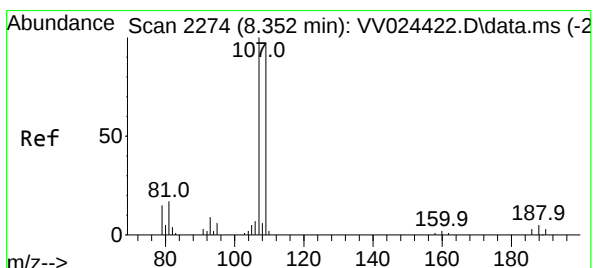
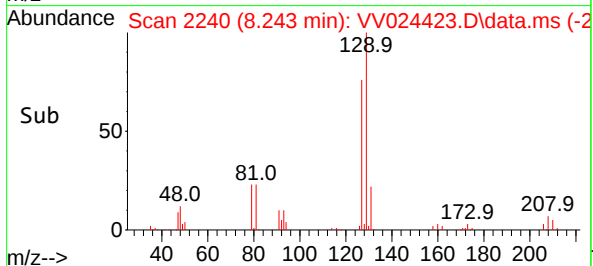
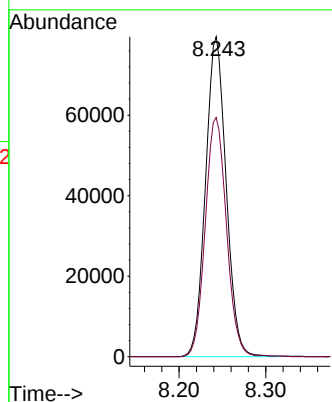
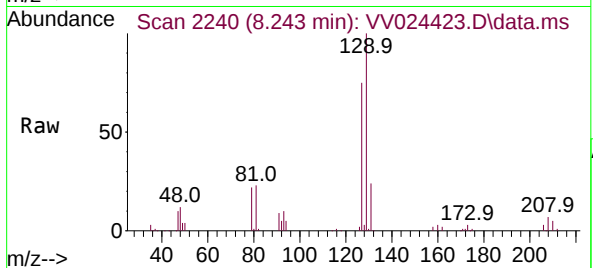
VSTD100278

Tgt Ion:129 Resp: 131338

Ion Ratio Lower Upper

129 100

127 74.8 54.9 102.1



#50

1,2-Dibromoethane

Concen: 103.219 ug/L

RT: 8.349 min Scan# 2273

Delta R.T. -0.003 min

Lab File: VV024423.D

Acq: 21 Jan 2022 13:53

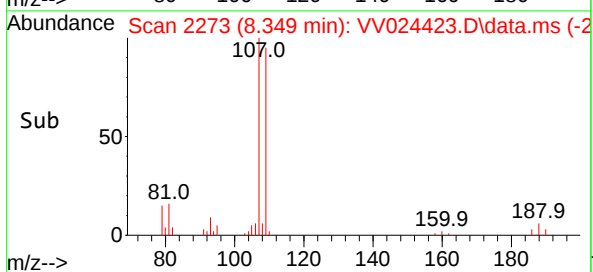
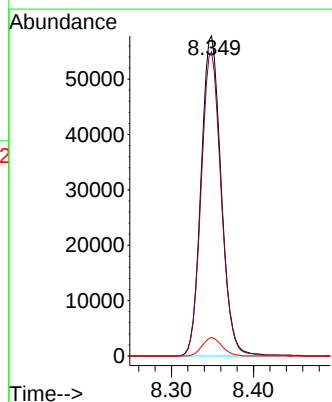
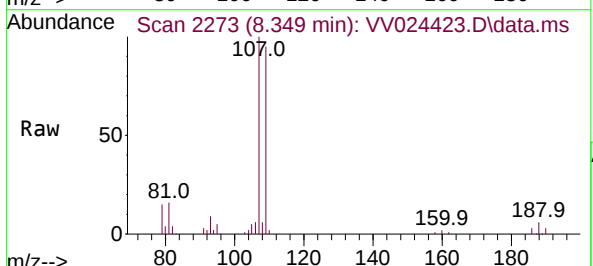
Tgt Ion:107 Resp: 97975

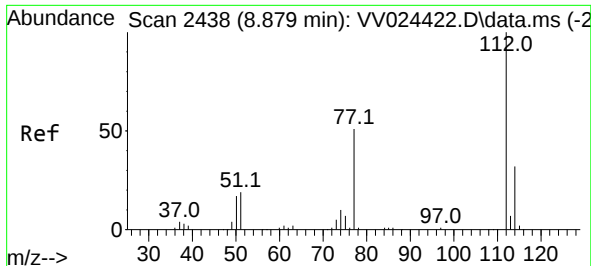
Ion Ratio Lower Upper

107 100

109 95.1 67.5 125.4

188 5.8 3.9 5.9

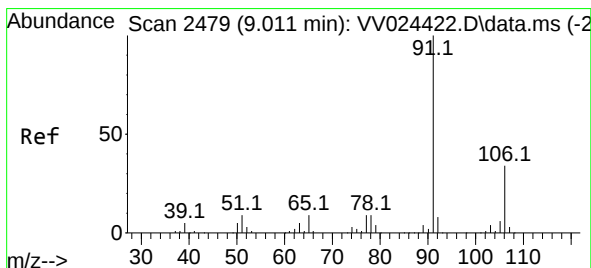
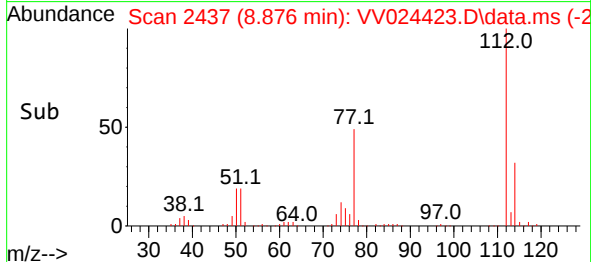
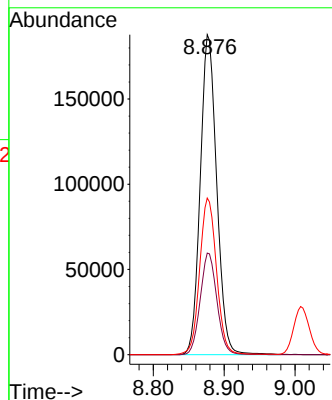
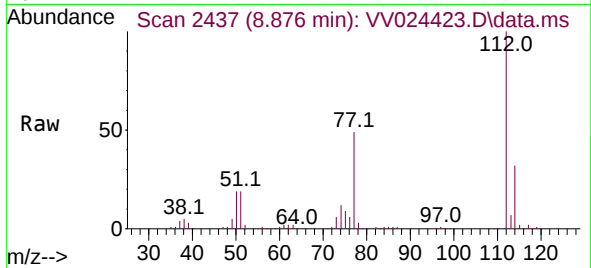




#51
Chlorobenzene
Concen: 100.540 ug/L
RT: 8.876 min Scan# 2438
Delta R.T. -0.003 min
Lab File: VV024423.D
Acq: 21 Jan 2022 13:53

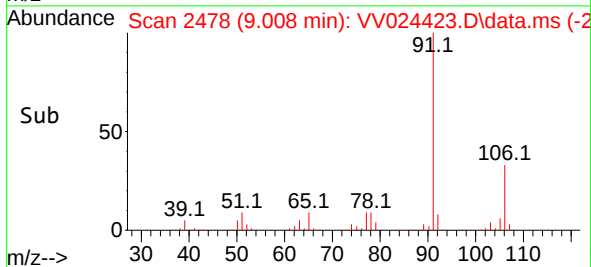
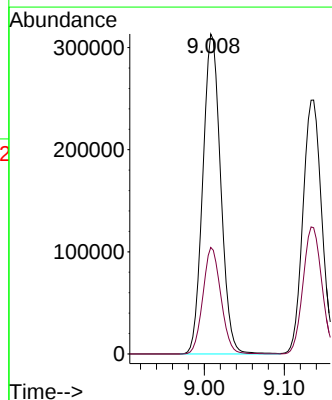
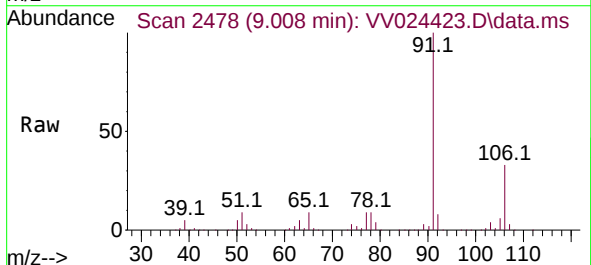
Instrument :
MSVOA_V
ClientSampleId :
VSTD100278

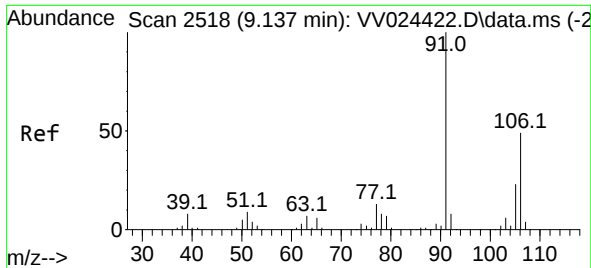
Tgt Ion:112 Resp: 302973
Ion Ratio Lower Upper
112 100
114 31.7 22.0 41.0
77 48.9 42.0 63.0



#52
Ethylbenzene
Concen: 102.701 ug/L
RT: 9.008 min Scan# 2478
Delta R.T. -0.003 min
Lab File: VV024423.D
Acq: 21 Jan 2022 13:53

Tgt Ion: 91 Resp: 488356
Ion Ratio Lower Upper
91 100
106 33.3 23.8 44.2

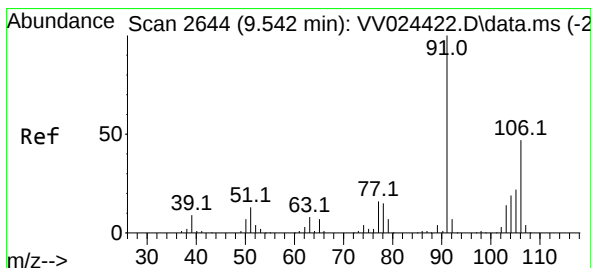
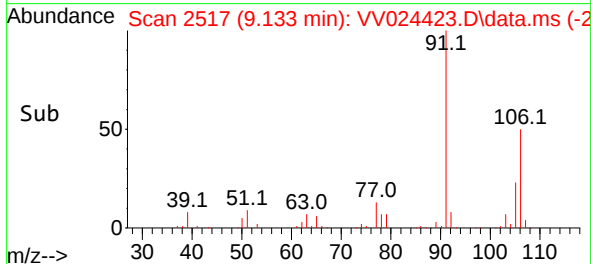
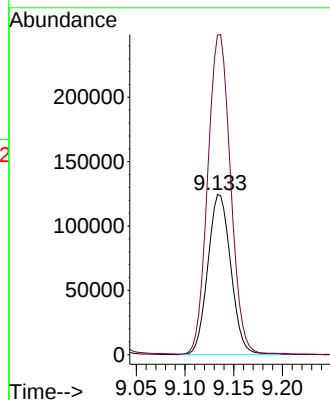
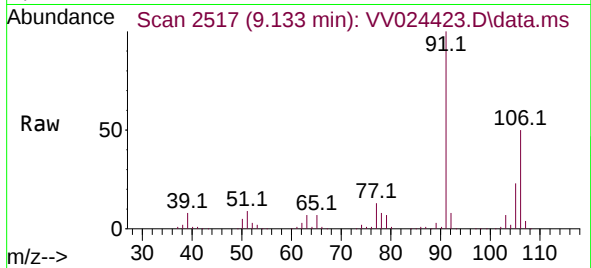




#53
m,p-Xylene
Concen: 102.310 ug/L
RT: 9.133 min Scan# 2517
Delta R.T. -0.003 min
Lab File: VV024423.D
Acq: 21 Jan 2022 13:53

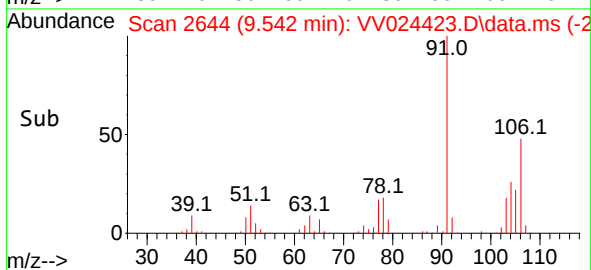
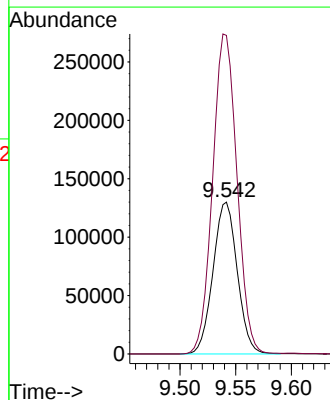
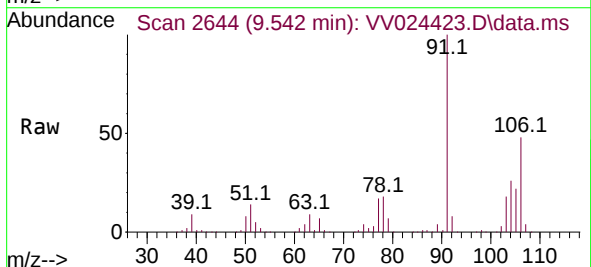
Instrument :
MSVOA_V
ClientSampleId :
VSTD100278

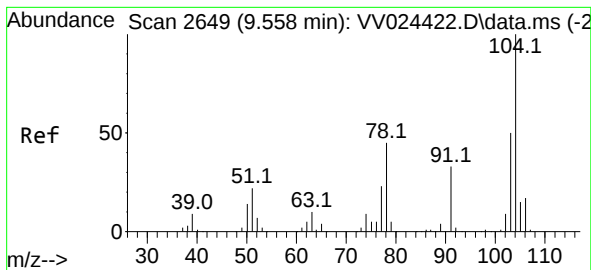
Tgt Ion:106 Resp: 204503
Ion Ratio Lower Upper
106 100
91 199.8 142.0 263.8



#54
o-Xylene
Concen: 102.134 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV024423.D
Acq: 21 Jan 2022 13:53

Tgt Ion:106 Resp: 196703
Ion Ratio Lower Upper
106 100
91 209.8 148.1 275.1





#55

Styrene

Concen: 102.492 ug/L

RT: 9.558 min Scan# 2

Delta R.T. -0.000 min

Lab File: VV024423.D

Acq: 21 Jan 2022 13:53

Instrument :

MSVOA_V

ClientSampleId :

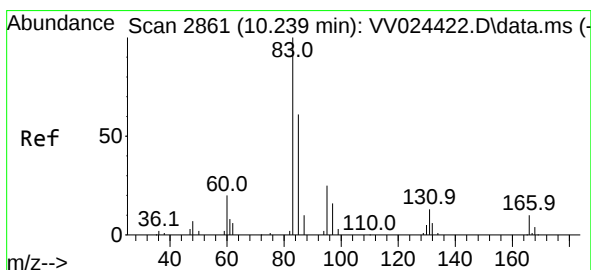
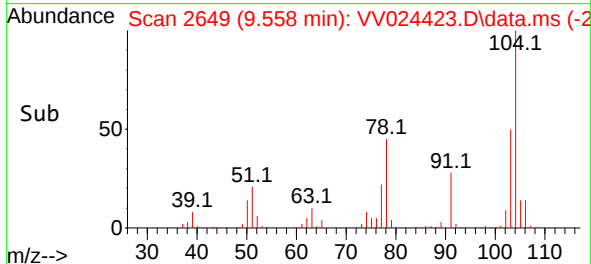
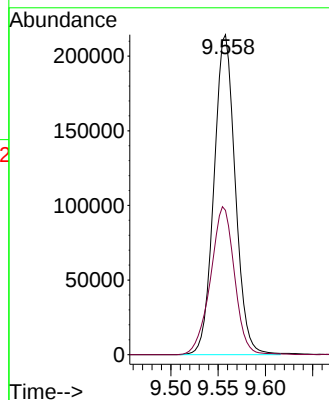
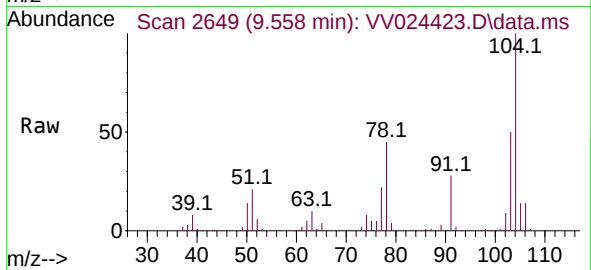
VSTD100278

Tgt Ion:104 Resp: 336139

Ion Ratio Lower Upper

104 100

78 45.1 31.6 58.8



#57

1,1,2,2-Tetrachloroethane

Concen: 100.358 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. -0.000 min

Lab File: VV024423.D

Acq: 21 Jan 2022 13:53

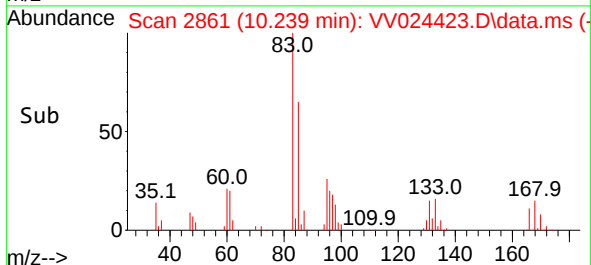
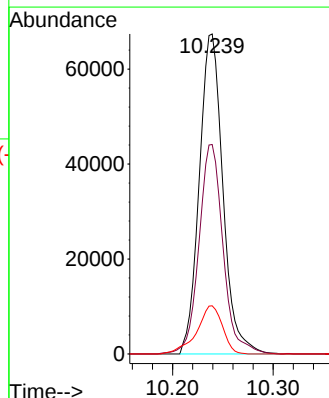
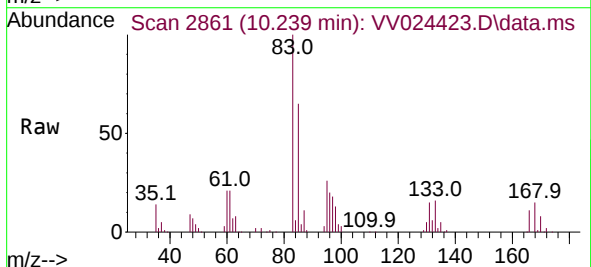
Tgt Ion: 83 Resp: 109860

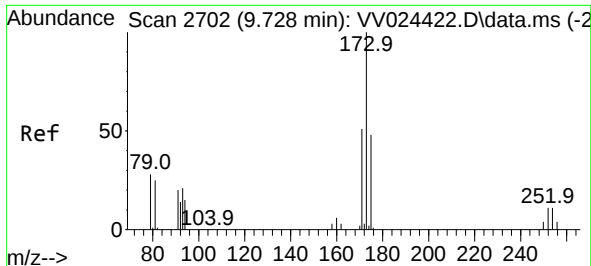
Ion Ratio Lower Upper

83 100

85 65.5 44.2 82.0

131 15.0 11.9 17.9

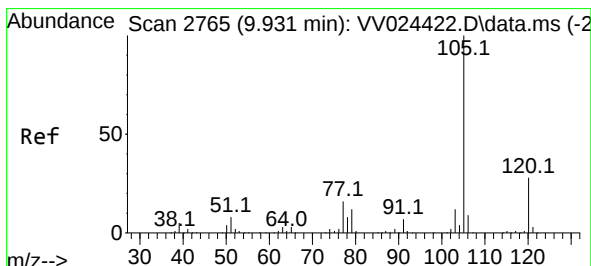
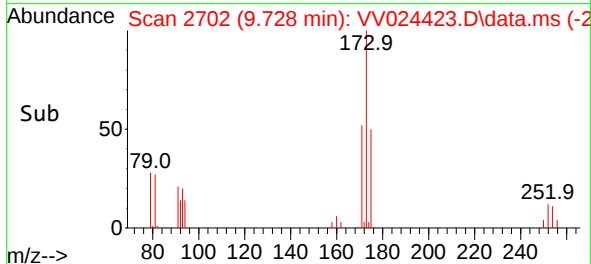
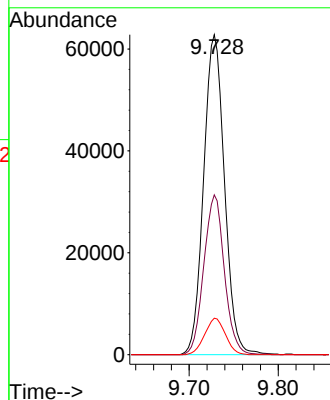
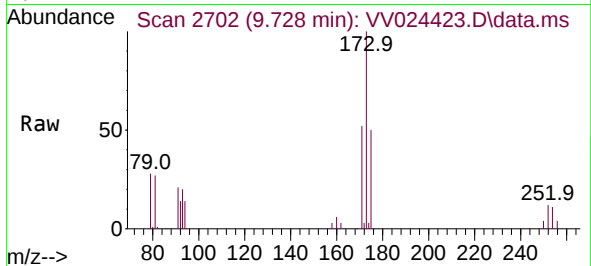




#59
Bromoform
Concen: 106.097 ug/L
RT: 9.728 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV024423.D
Acq: 21 Jan 2022 13:53

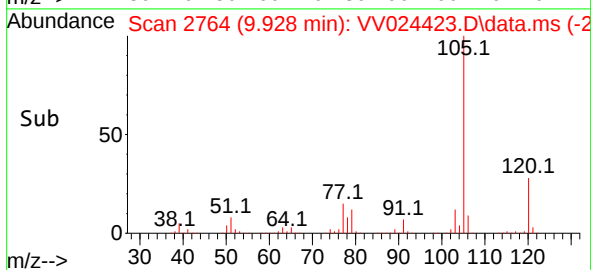
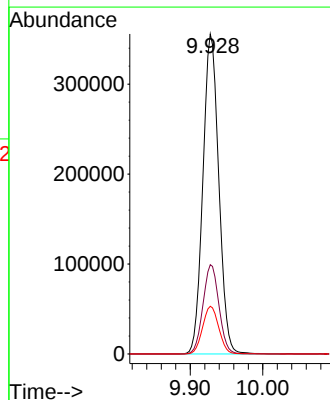
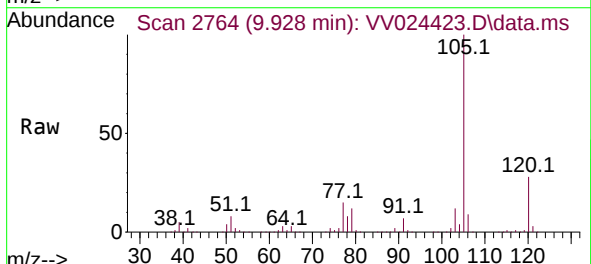
Instrument :
MSVOA_V
ClientSampleId :
VSTD100278

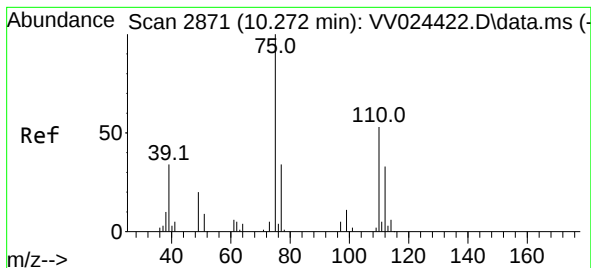
Tgt Ion:173 Resp: 102075
Ion Ratio Lower Upper
173 100
175 49.1 39.4 59.2
254 11.3 9.0 13.6



#60
Isopropylbenzene
Concen: 105.109 ug/L
RT: 9.928 min Scan# 2764
Delta R.T. -0.003 min
Lab File: VV024423.D
Acq: 21 Jan 2022 13:53

Tgt Ion:105 Resp: 540496
Ion Ratio Lower Upper
105 100
120 28.0 22.1 33.1
77 15.2 12.5 18.7





#61

1,2,3-Trichloropropane

Concen: 98.059 ug/L

RT: 10.272 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV024423.D

Acq: 21 Jan 2022 13:53

Instrument :

MSVOA_V

ClientSampleId :

VSTD100278

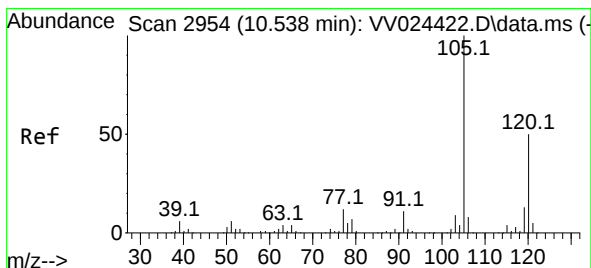
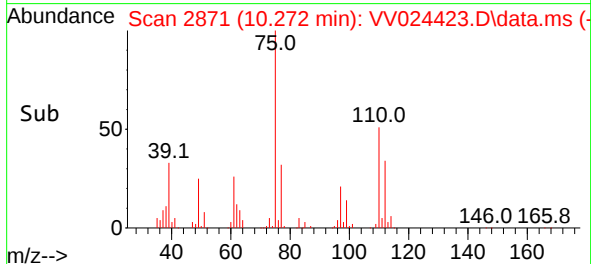
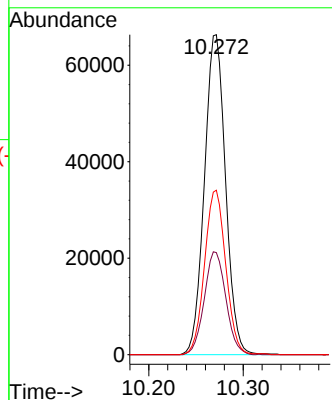
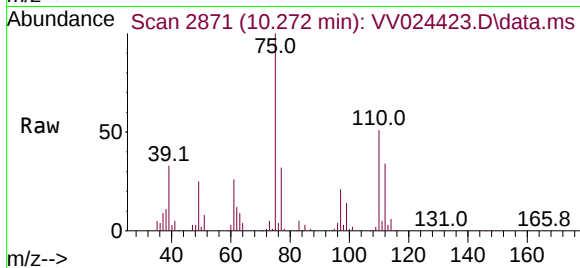
Tgt Ion: 75 Resp: 103139

Ion Ratio Lower Upper

75 100

77 32.8 26.6 39.8

110 51.5 43.0 64.6



#62

1,3,5-Trimethylbenzene

Concen: 101.633 ug/L

RT: 10.535 min Scan# 2953

Delta R.T. -0.003 min

Lab File: VV024423.D

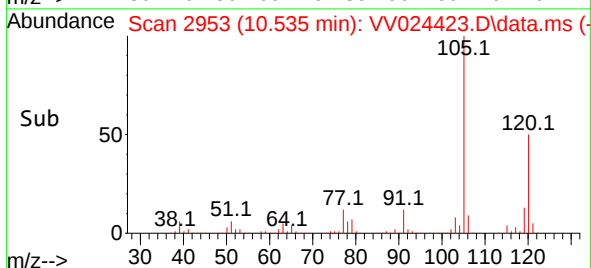
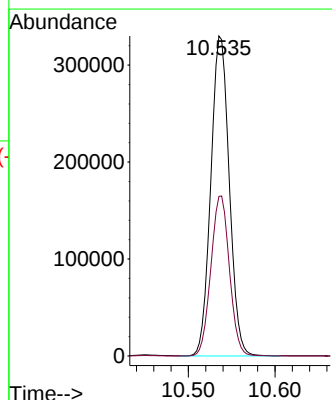
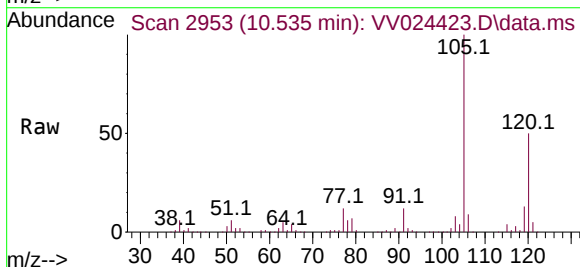
Acq: 21 Jan 2022 13:53

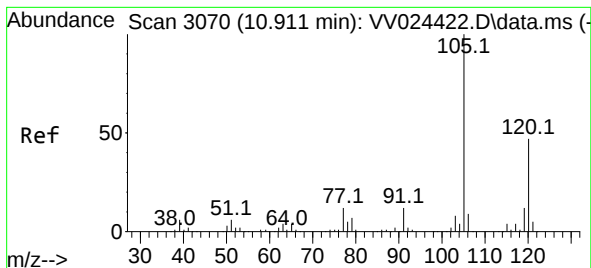
Tgt Ion: 105 Resp: 488217

Ion Ratio Lower Upper

105 100

120 50.2 40.5 60.7





#63

1,2,4-Trimethylbenzene

Concen: 102.692 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.000 min

Lab File: VV024423.D

Acq: 21 Jan 2022 13:53

Instrument :

MSVOA_V

ClientSampleId :

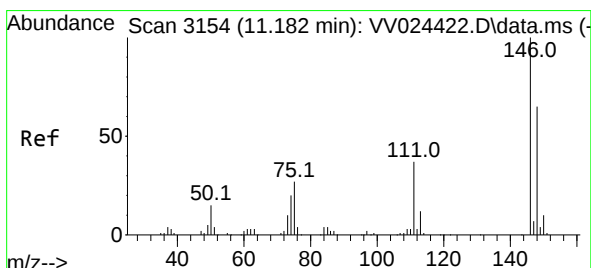
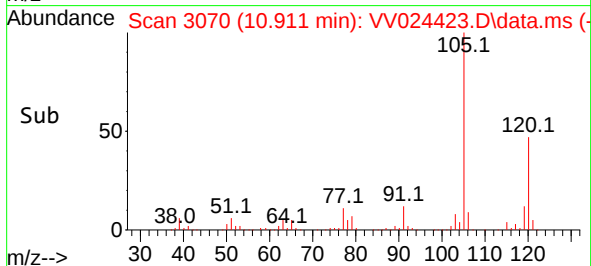
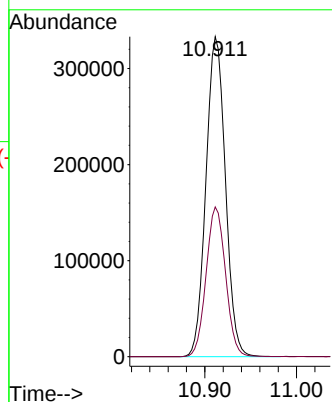
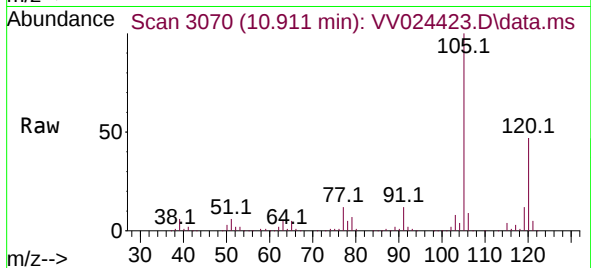
VSTD100278

Tgt Ion:105 Resp: 491524

Ion Ratio Lower Upper

105 100

120 46.8 37.3 55.9



#64

1,3-Dichlorobenzene

Concen: 98.278 ug/L

RT: 11.178 min Scan# 3153

Delta R.T. -0.003 min

Lab File: VV024423.D

Acq: 21 Jan 2022 13:53

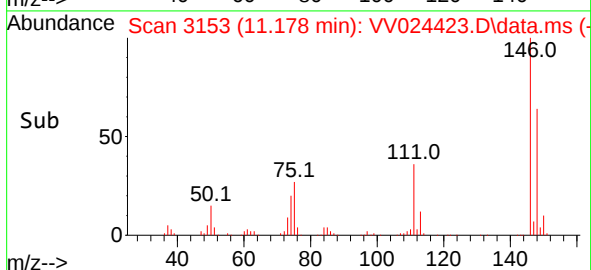
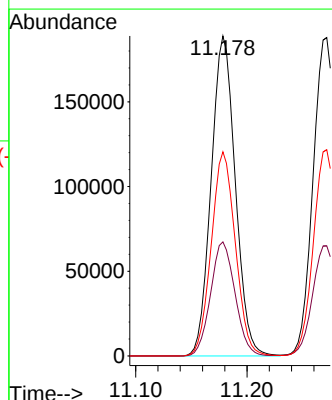
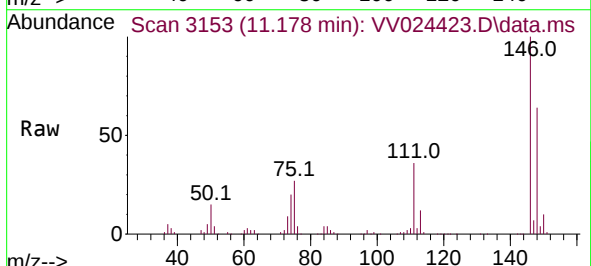
Tgt Ion:146 Resp: 284423

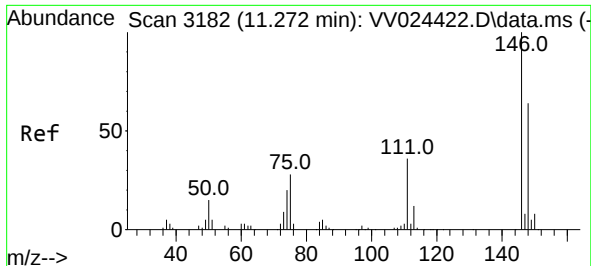
Ion Ratio Lower Upper

146 100

111 35.7 25.7 47.7

148 63.8 45.4 84.2

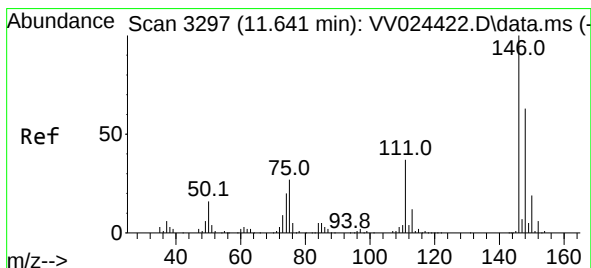
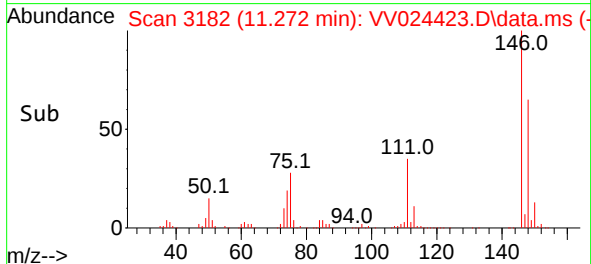
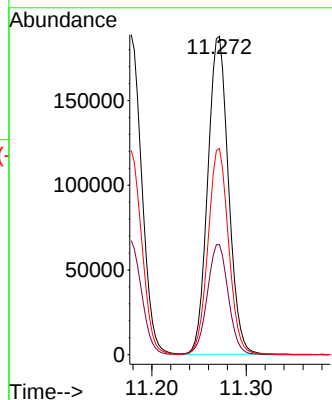
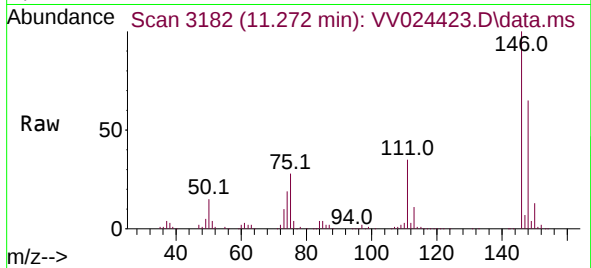




#65
1,4-Dichlorobenzene
Concen: 98.515 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV024423.D
Acq: 21 Jan 2022 13:53

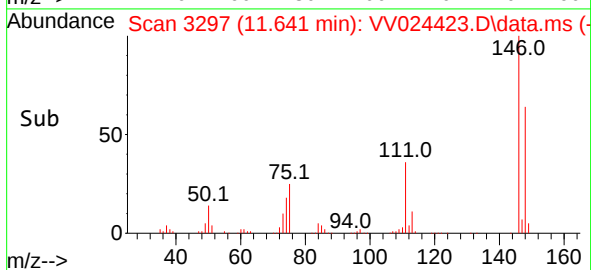
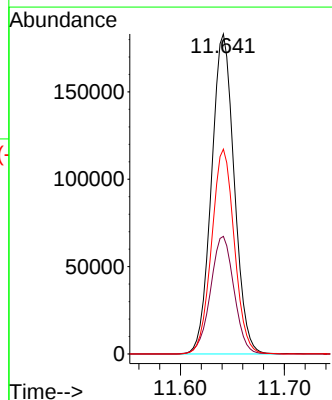
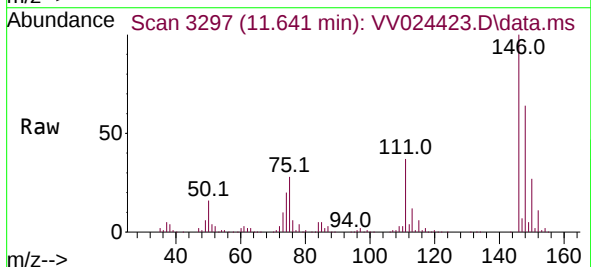
Instrument :
MSVOA_V
ClientSampleId :
VSTD100278

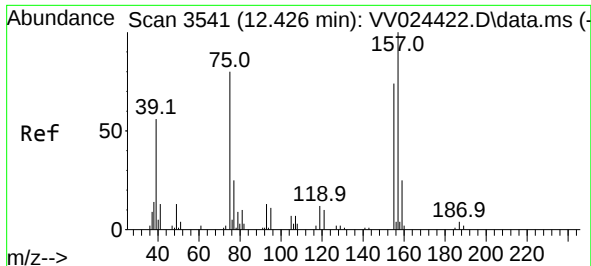
Tgt Ion:146 Resp: 285724
Ion Ratio Lower Upper
146 100
111 34.6 25.2 46.8
148 64.7 45.1 83.9



#67
1,2-Dichlorobenzene
Concen: 99.385 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. -0.000 min
Lab File: VV024423.D
Acq: 21 Jan 2022 13:53

Tgt Ion:146 Resp: 278814
Ion Ratio Lower Upper
146 100
111 36.7 30.2 45.2
148 64.0 50.6 76.0

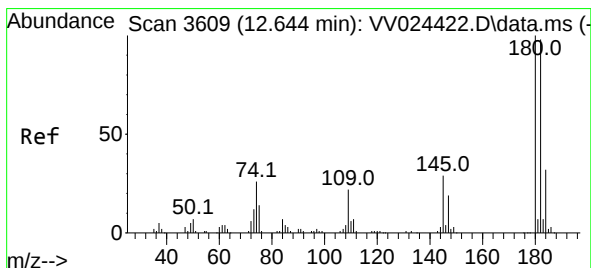
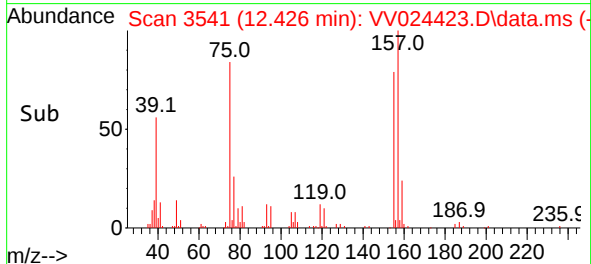
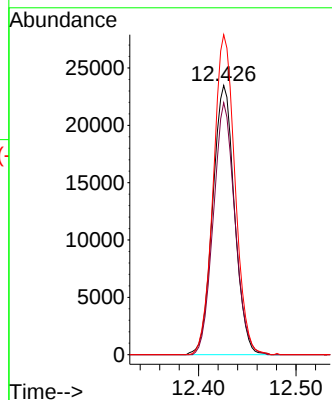
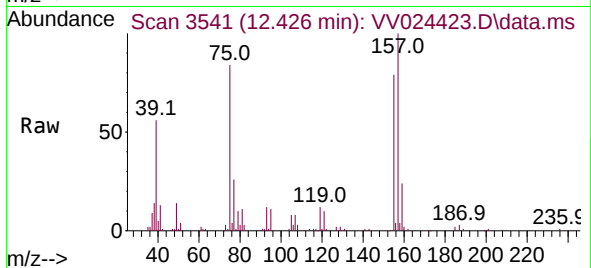




#68
1,2-Dibromo-3-chloropropane
Concen: 106.192 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.000 min
Lab File: VV024423.D
Acq: 21 Jan 2022 13:53

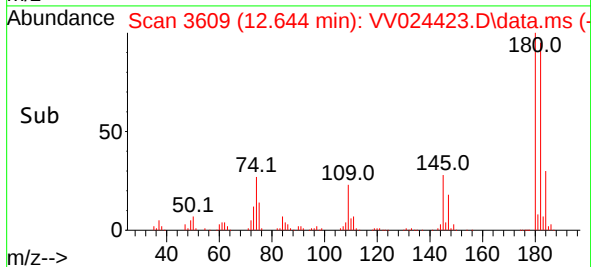
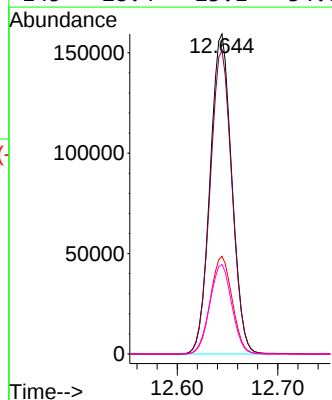
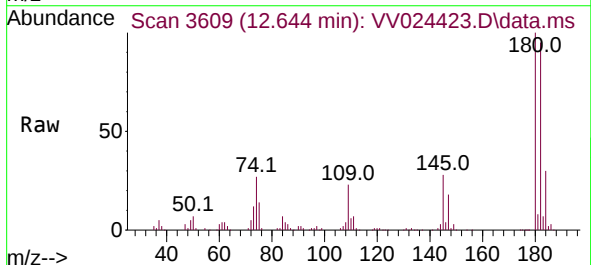
Instrument :
MSVOA_V
ClientSampleId :
VSTD100278

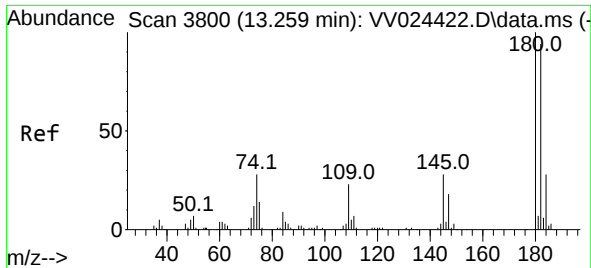
Tgt Ion: 75 Resp: 36489
Ion Ratio Lower Upper
75 100
155 93.6 73.6 110.4
157 118.8 99.8 149.8



#69
1,3,5-Trichlorobenzene
Concen: 102.515 ug/L
RT: 12.644 min Scan# 3609
Delta R.T. -0.000 min
Lab File: VV024423.D
Acq: 21 Jan 2022 13:53

Tgt Ion:180 Resp: 238658
Ion Ratio Lower Upper
180 100
182 95.5 78.0 117.0
184 30.6 25.1 37.7
145 28.4 23.1 34.7

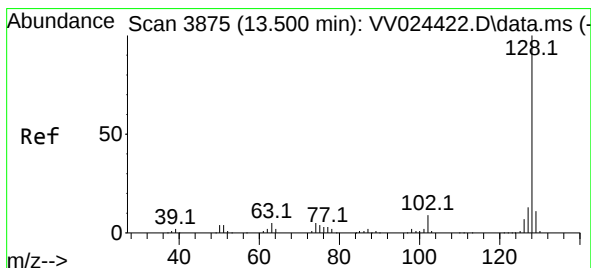
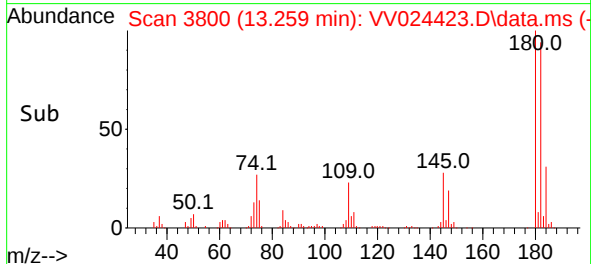
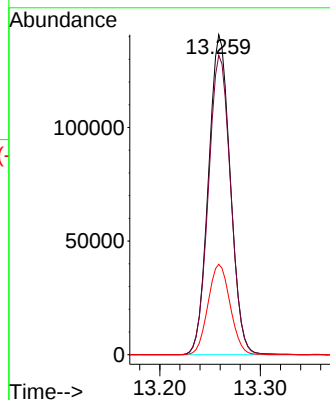
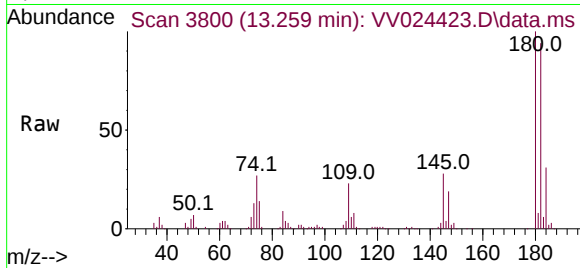




#70
1,2,4-trichlorobenzene
Concen: 102.528 ug/L
RT: 13.259 min Scan# 3800
Delta R.T. -0.000 min
Lab File: VV024423.D
Acq: 21 Jan 2022 13:53

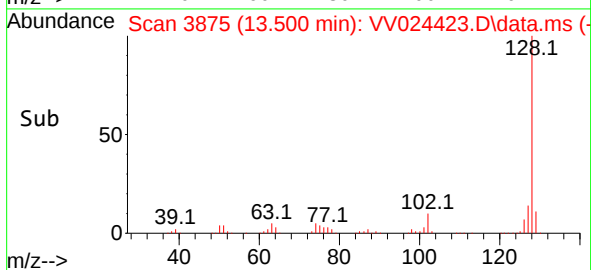
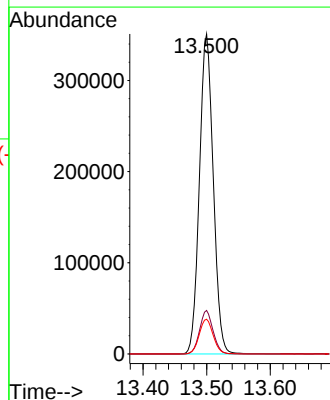
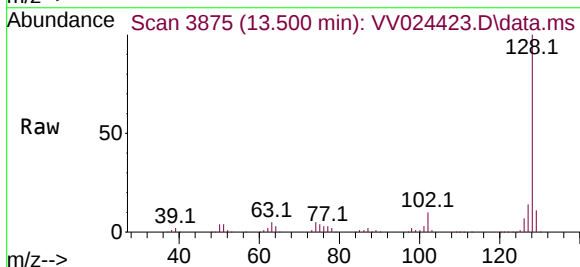
Instrument :
MSVOA_V
ClientSampleId :
VSTD100278

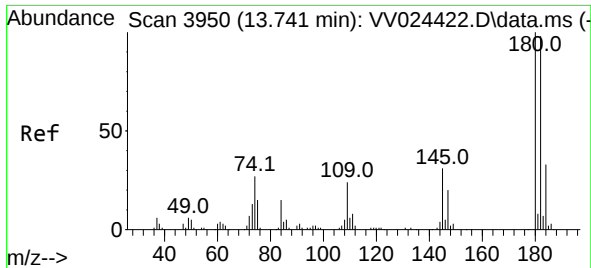
Tgt Ion:180 Resp: 211856
Ion Ratio Lower Upper
180 100
182 95.4 75.8 113.8
145 28.7 22.8 34.2



#71
Naphthalene
Concen: 99.974 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV024423.D
Acq: 21 Jan 2022 13:53

Tgt Ion:128 Resp: 530568
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 11.0 8.9 13.3





#72
 1,2,3-Trichlorobenzene
 Concen: 102.409 ug/L
 RT: 13.741 min Scan# 3950
 Delta R.T. -0.000 min
 Lab File: VV024423.D
 Acq: 21 Jan 2022 13:53

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD100278

Tgt Ion:180 Resp: 201632
 Ion Ratio Lower Upper
 180 100
 182 95.0 78.1 117.1
 145 29.8 25.0 37.6

