

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031522\
 Data File : VW024992.D
 Acq On : 15 Mar 2022 12:24
 Operator : SY/MD
 Sample : VSTD00521
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005221

Quant Time: Mar 16 02:56:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 16 02:55:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	216104	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	198777	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	95273	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	83443	4.891	ug/L	0.00
7) Chloroethane-d5	1.568	69	62317	4.988	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	137121	4.973	ug/L	0.00
20) 2-Butanone-d5	3.899	46	83061	45.972	ug/L	0.00
24) Chloroform-d	4.349	84	139190	4.919	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	58220	4.921	ug/L	0.00
32) Benzene-d6	5.050	84	290725	5.042	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	81722	4.929	ug/L	0.00
41) Toluene-d8	7.314	98	268205	5.104	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	30305	5.243	ug/L	0.00
46) 2-Hexanone-d5	8.088	63	105357	53.435	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	50187	5.145	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	79729	4.943	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.131	85	96658	5.062	ug/L	100
3) Chloromethane	1.243	50	88470	4.913	ug/L	100
5) Vinyl chloride	1.311	62	94817	4.990	ug/L	100
6) Bromomethane	1.523	94	61564	5.014	ug/L	100
8) Chloroethane	1.587	64	56966	4.945	ug/L	100
9) Trichlorofluoromethane	1.754	101	128379	4.968	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	71244	5.084	ug/L	100
12) 1,1-Dichloroethene	2.121	96	69069	5.017	ug/L	100
13) Acetone	2.192	43	52205	43.547	ug/L	88
14) Carbon disulfide	2.294	76	247199	5.018	ug/L	100
15) Methyl Acetate	2.442	43	16589	4.140	ug/L	100
16) Methylene chloride	2.510	84	79906	4.790	ug/L	100
17) Methyl tert-butyl Ether	2.770	73	149369	4.981	ug/L	100
18) trans-1,2-Dichloroethene	2.761	96	83984	5.069	ug/L	100
19) 1,1-Dichloroethane	3.192	63	141223	5.008	ug/L	100
21) 2-Butanone	3.982	43	91244	46.695	ug/L	91
22) cis-1,2-Dichloroethene	3.915	96	85742	5.126	ug/L	100
23) Bromochloromethane	4.253	128	33390	5.063	ug/L	100
25) Chloroform	4.378	83	146903	5.004	ug/L	100
27) 1,2-Dichloroethane	5.134	62	71848	4.922	ug/L	100
29) 1,1,1-Trichloroethane	4.609	97	129909	5.125	ug/L	100
30) Cyclohexane	4.677	56	126571	5.132	ug/L	100
31) Carbon tetrachloride	4.828	117	111428	5.124	ug/L	100
33) Benzene	5.101	78	330729	5.115	ug/L	100
34) Trichloroethene	5.915	95	88319	5.130	ug/L	100
35) Methylcyclohexane	6.130	83	142706	5.237	ug/L	100
37) 1,2-Dichloropropane	6.172	63	76157	5.126	ug/L	100
38) Bromodichloromethane	6.510	83	95834	5.100	ug/L	100
39) cis-1,3-Dichloropropene	7.027	75	107309	5.202	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	325379	53.221	ug/L	100
42) Toluene	7.388	91	354648	5.241	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	85341	5.257	ug/L	100

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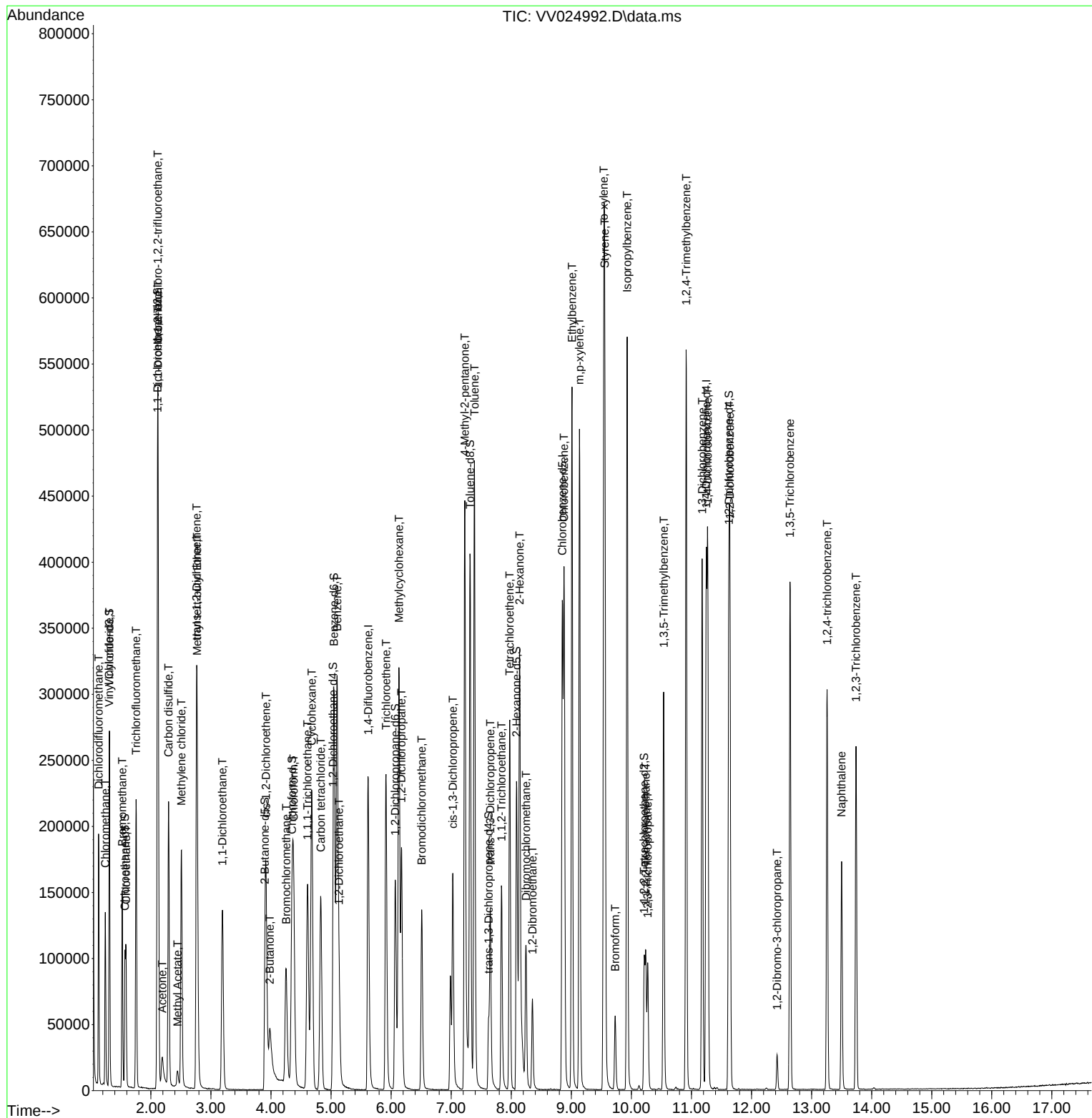
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.838	97	51533	5.193	ug/L	100
47) Tetrachloroethene	7.976	164	61203	5.054	ug/L	100
48) 2-Hexanone	8.140	43	231071	53.312	ug/L	100
49) Dibromochloromethane	8.246	129	57930	5.215	ug/L	100
50) 1,2-Dibromoethane	8.352	107	46979	5.173	ug/L	100
51) Chlorobenzene	8.879	112	216368	5.107	ug/L	100
52) Ethylbenzene	9.011	91	373642	5.220	ug/L	100
53) m,p-xylene	9.137	106	144748	5.251	ug/L	100
54) o-xylene	9.542	106	139092	5.277	ug/L	100
55) Styrene	9.558	104	230545	5.370	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	51986	5.343	ug/L	100
59) Bromoform	9.731	173	26107	5.088	ug/L	100
60) Isopropylbenzene	9.931	105	370738	5.160	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	39713	4.956	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	166771	5.115	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	305062	5.283	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	159685	5.124	ug/L	100
65) 1,4-Dichlorobenzene	11.272	146	156485	4.981	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	138770	5.025	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	6820	4.965	ug/L	100
69) 1,3,5-Trichlorobenzene	12.641	180	110084	5.000	ug/L	100
70) 1,2,4-trichlorobenzene	13.259	180	86407	5.038	ug/L	100
71) Naphthalene	13.500	128	138222	4.853	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	73235	5.039	ug/L	100

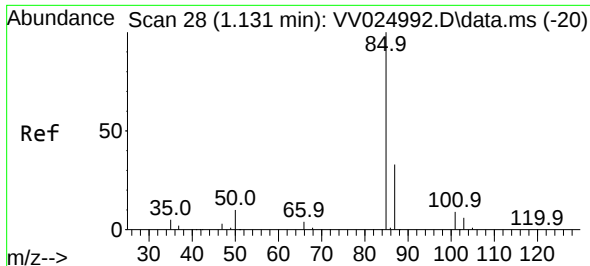
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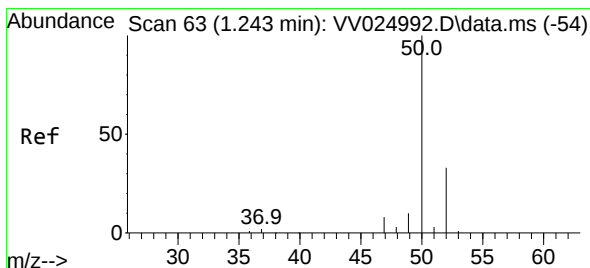
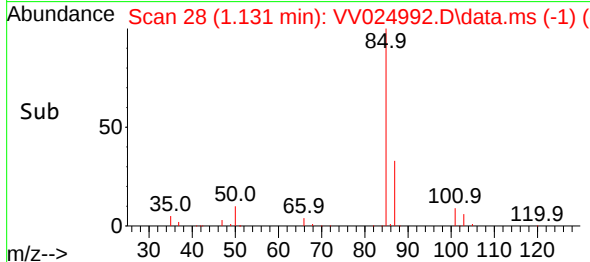
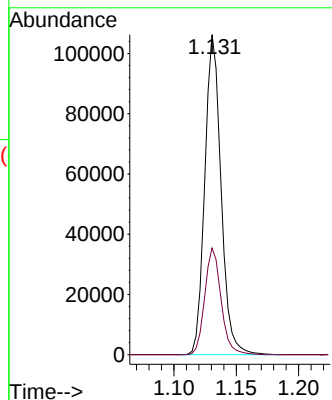
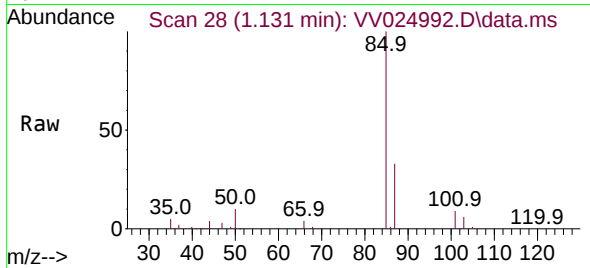




#2
 Dichlorodifluoromethane
 Concen: 5.062 ug/L
 RT: 1.131 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VV024992.D
 Acq: 15 Mar 2022 12:24

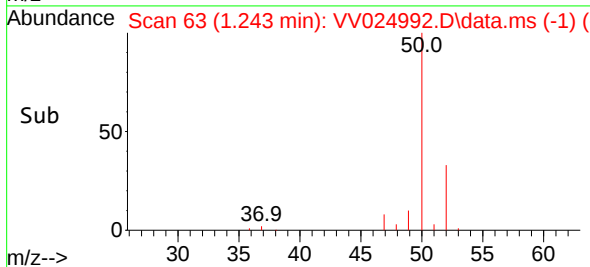
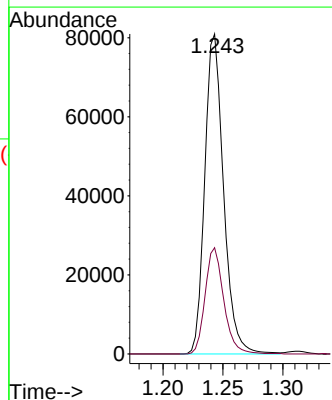
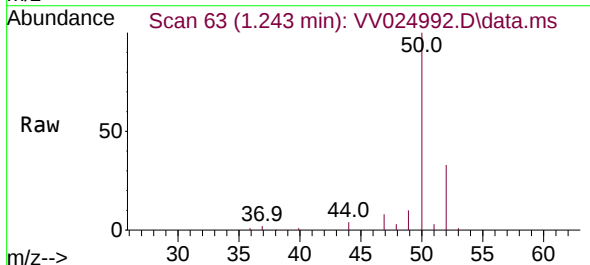
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005221

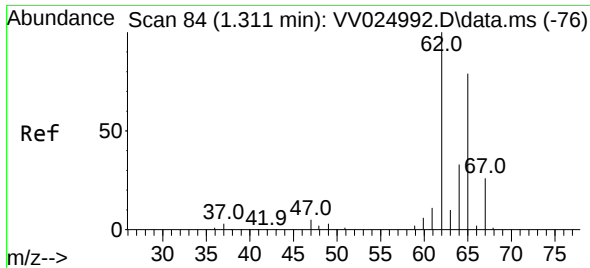
Tgt Ion: 85 Resp: 96658
 Ion Ratio Lower Upper
 85 100
 87 33.4 26.7 40.1



#3
 Chloromethane
 Concen: 4.913 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.000 min
 Lab File: VV024992.D
 Acq: 15 Mar 2022 12:24

Tgt Ion: 50 Resp: 88470
 Ion Ratio Lower Upper
 50 100
 52 33.2 23.2 43.2

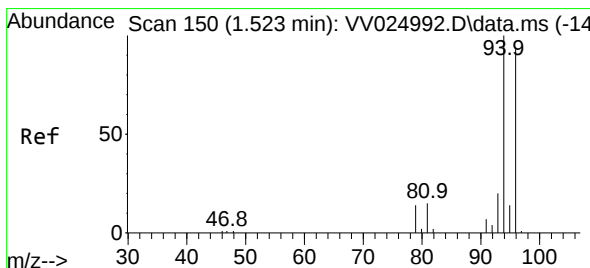
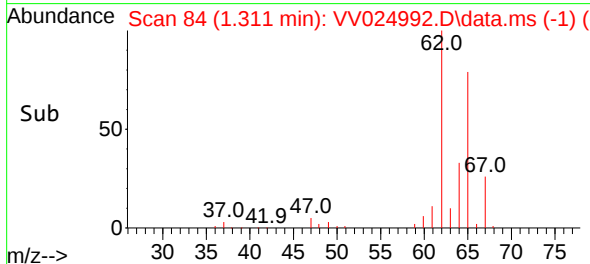
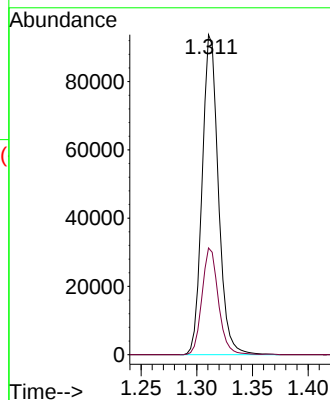
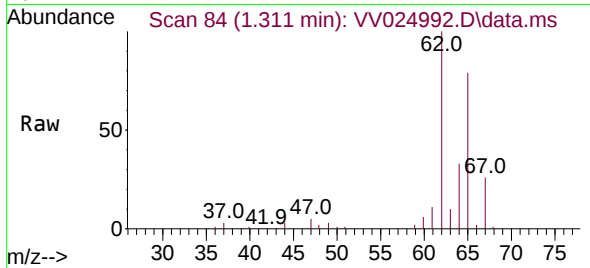




#5
 Vinyl chloride
 Concen: 4.990 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV024992.D
 Acq: 15 Mar 2022 12:24

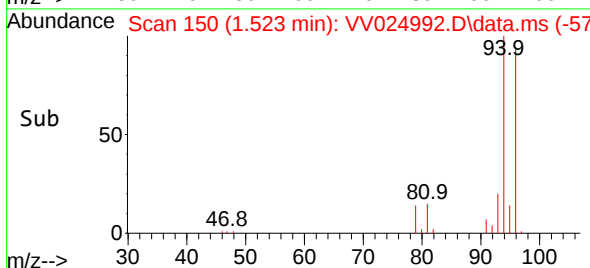
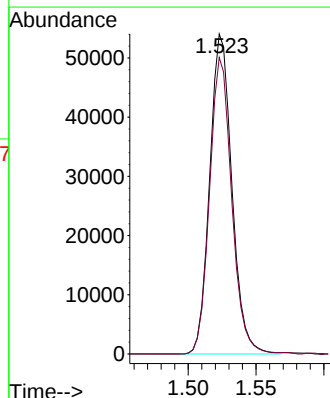
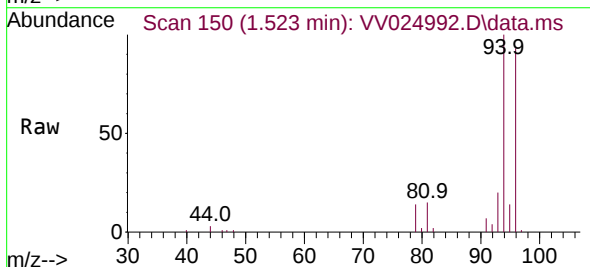
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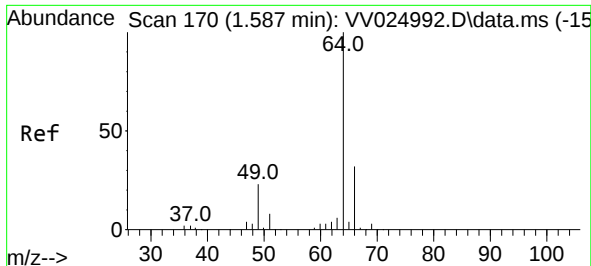
Tgt Ion: 62 Resp: 94817
 Ion Ratio Lower Upper
 62 100
 64 33.4 23.4 43.4



#6
 Bromomethane
 Concen: 5.014 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV024992.D
 Acq: 15 Mar 2022 12:24

Tgt Ion: 94 Resp: 61564
 Ion Ratio Lower Upper
 94 100
 96 92.7 64.9 120.5

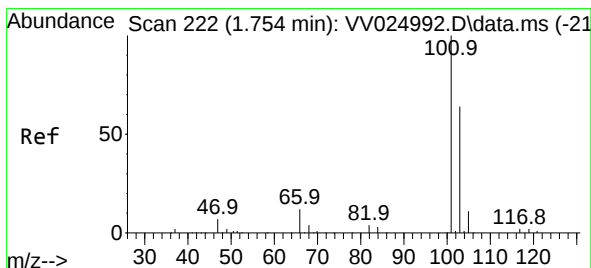
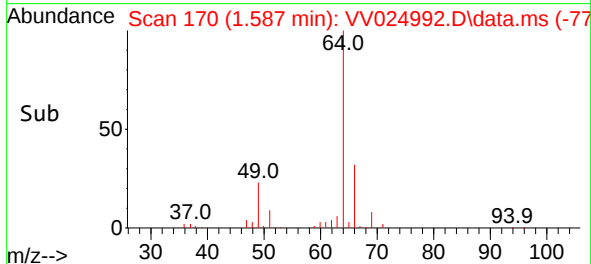
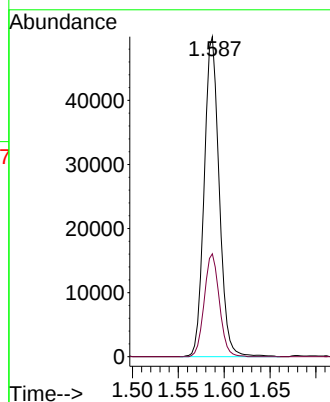
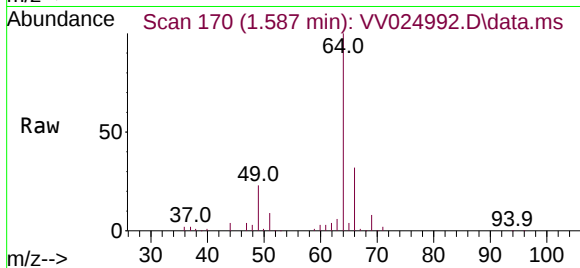




#8
Chloroethane
Concen: 4.945 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV024992.D
Acq: 15 Mar 2022 12:24

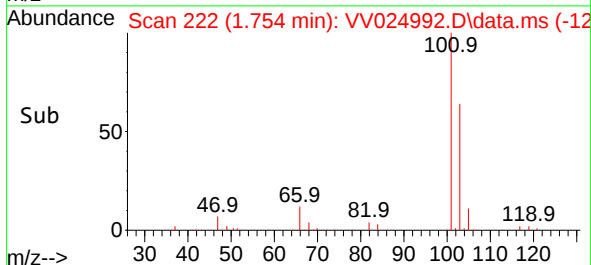
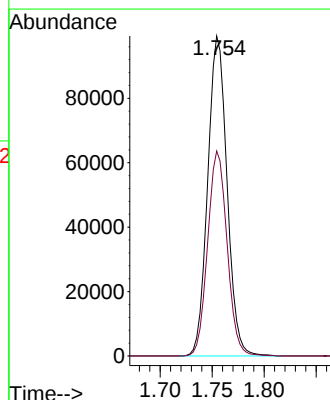
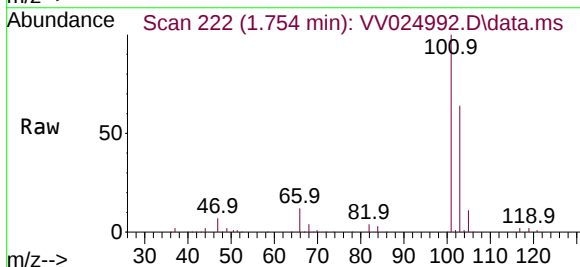
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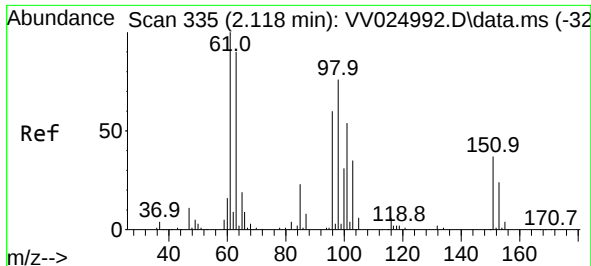
Tgt Ion: 64 Resp: 56966
Ion Ratio Lower Upper
64 100
66 32.1 22.5 41.7



#9
Trichlorofluoromethane
Concen: 4.968 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV024992.D
Acq: 15 Mar 2022 12:24

Tgt Ion:101 Resp: 128379
Ion Ratio Lower Upper
101 100
103 64.4 51.5 77.3

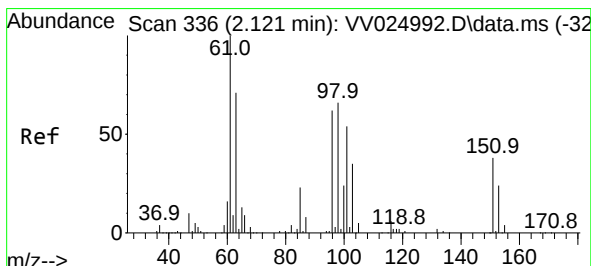
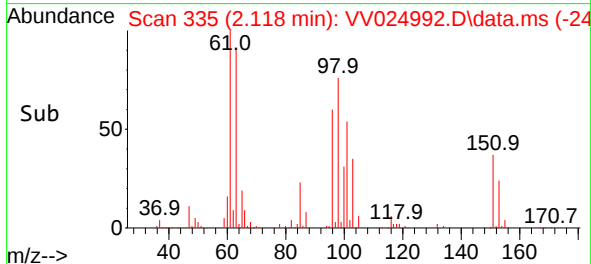
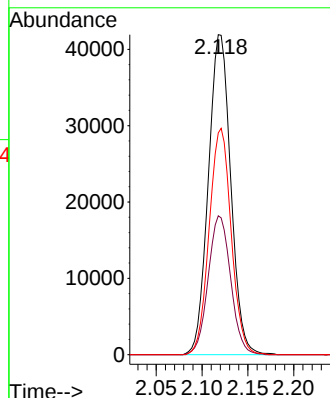
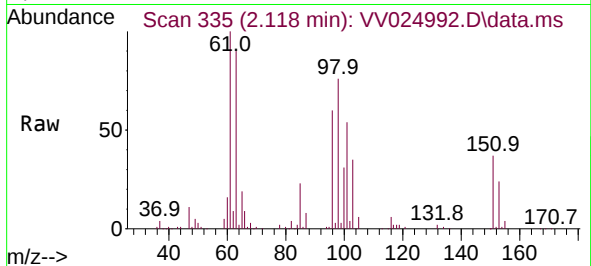




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.084 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV024992.D
 Acq: 15 Mar 2022 12:24

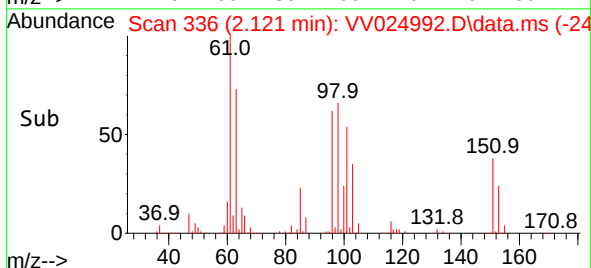
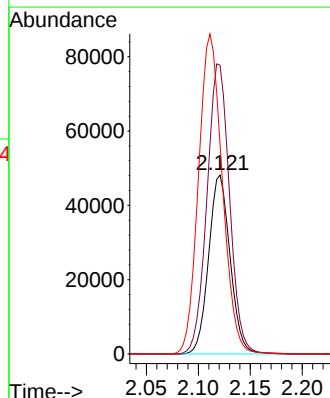
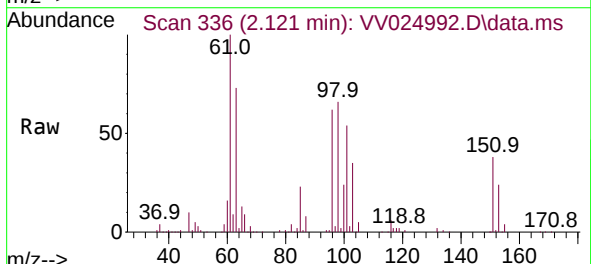
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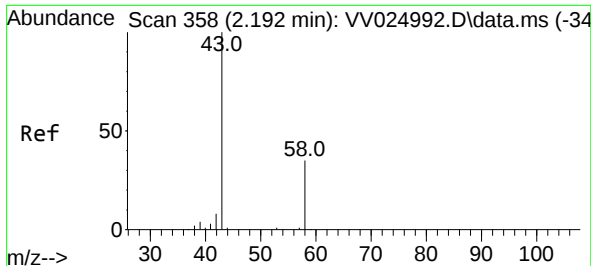
Tgt Ion:101 Resp: 71244
 Ion Ratio Lower Upper
 101 100
 85 43.5 34.8 52.2
 151 69.5 55.6 83.4



#12
 1,1-Dichloroethene
 Concen: 5.017 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.000 min
 Lab File: VV024992.D
 Acq: 15 Mar 2022 12:24

Tgt Ion: 96 Resp: 69069
 Ion Ratio Lower Upper
 96 100
 61 161.5 113.0 209.9
 63 117.3 82.1 152.5





#13

Acetone

Concen: 43.547 ug/L

RT: 2.192 min Scan# 358

Delta R.T. 0.000 min

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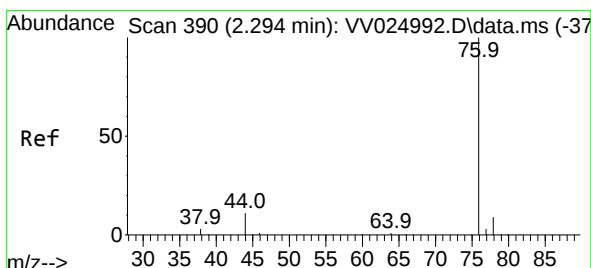
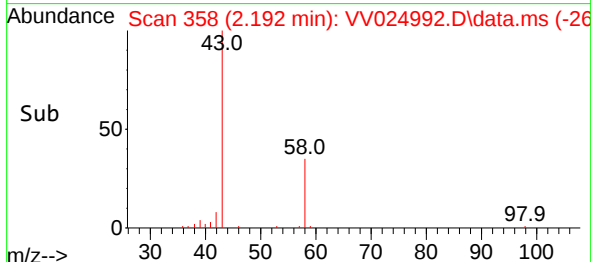
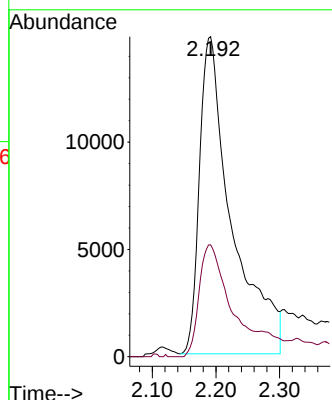
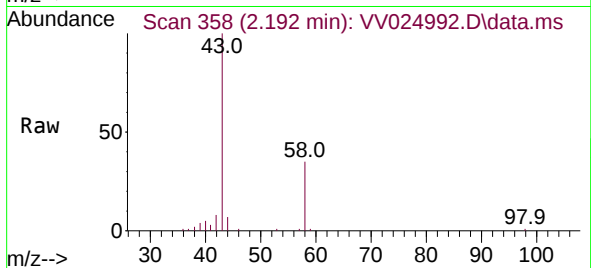
VSTD005221

Tgt Ion: 43 Resp: 52205

Ion Ratio Lower Upper

43 100

58 33.5 0.0 54.2



#14

Carbon disulfide

Concen: 5.018 ug/L

RT: 2.294 min Scan# 390

Delta R.T. 0.000 min

Lab File: VV024992.D

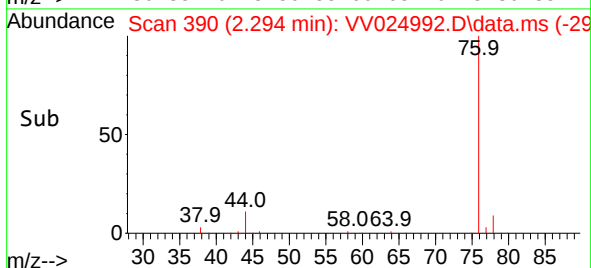
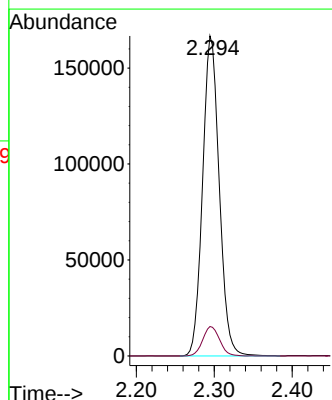
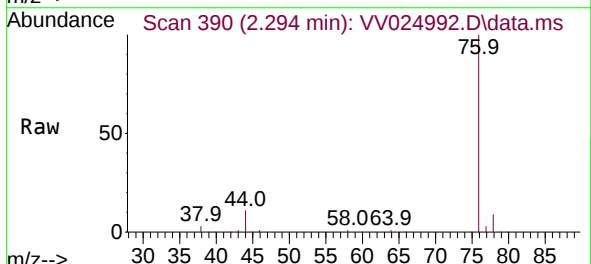
Acq: 15 Mar 2022 12:24

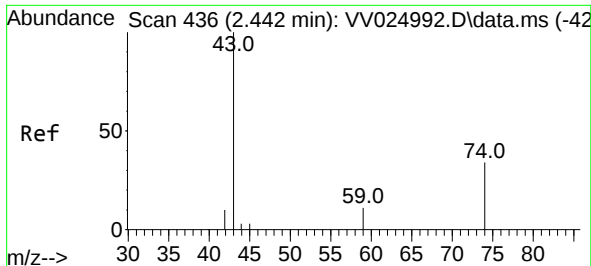
Tgt Ion: 76 Resp: 247199

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0

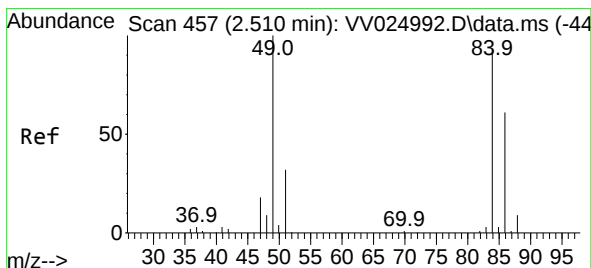
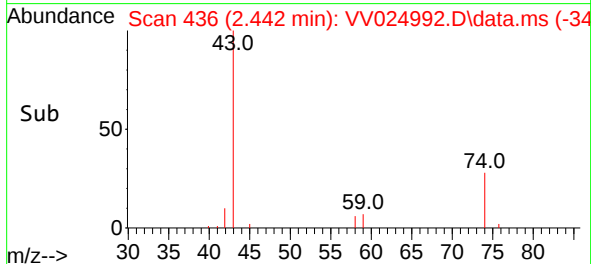
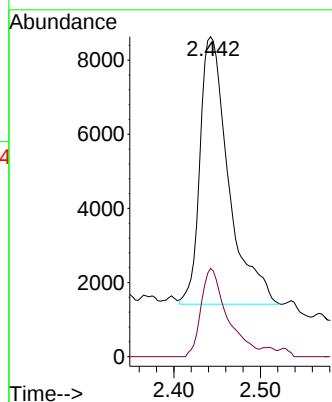
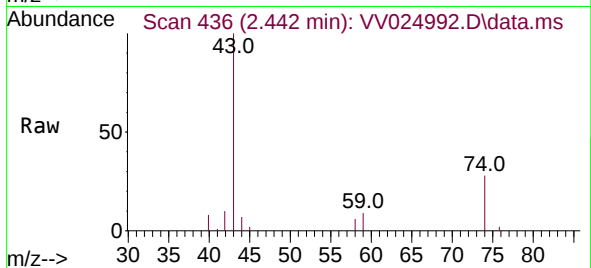




#15
Methyl Acetate
Concen: 4.140 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV024992.D
Acq: 15 Mar 2022 12:24

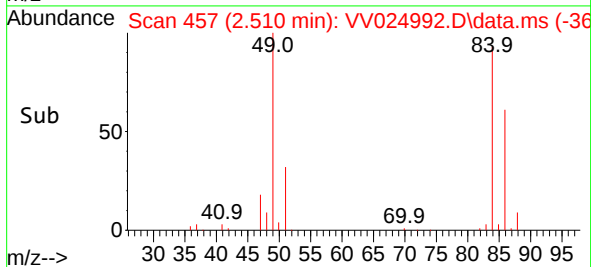
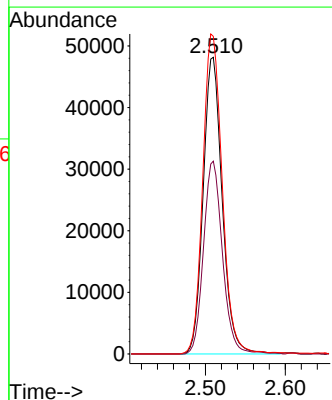
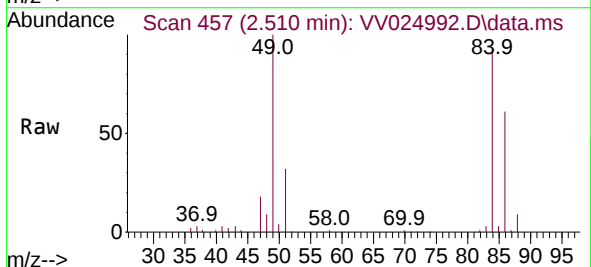
Instrument :
MSVOA_V
ClientSampleId :
VSTD005221

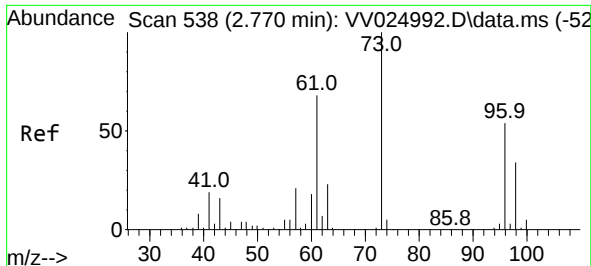
Tgt Ion: 43 Resp: 16589
Ion Ratio Lower Upper
43 100
74 30.3 24.2 36.4



#16
Methylene chloride
Concen: 4.790 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.000 min
Lab File: VV024992.D
Acq: 15 Mar 2022 12:24

Tgt Ion: 84 Resp: 79906
Ion Ratio Lower Upper
84 100
86 65.0 45.5 84.5
49 107.1 75.0 139.2





#17

Methyl tert-butyl Ether

Concen: 4.981 ug/L

RT: 2.770 min Scan# 51

Delta R.T. 0.000 min

Lab File: VV024992.D

Acq: 15 Mar 2022 12:24

Instrument :

MSVOA_V

ClientSampleId :

VSTD005221

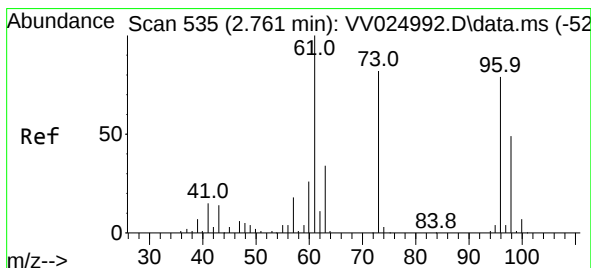
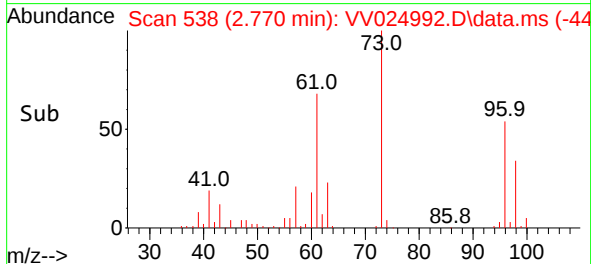
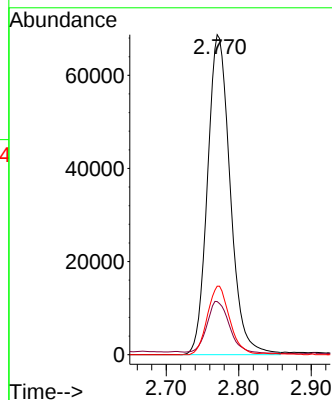
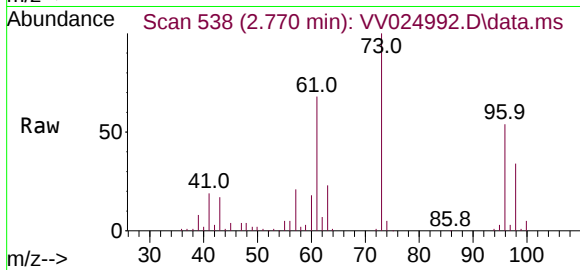
Tgt Ion: 73 Resp: 149369

Ion Ratio Lower Upper

73 100

43 16.5 13.2 19.8

57 20.9 16.7 25.1



#18

trans-1,2-Dichloroethene

Concen: 5.069 ug/L

RT: 2.761 min Scan# 535

Delta R.T. 0.000 min

Lab File: VV024992.D

Acq: 15 Mar 2022 12:24

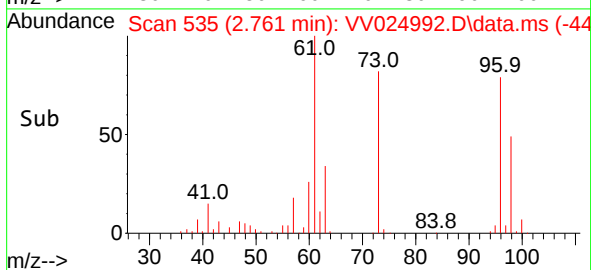
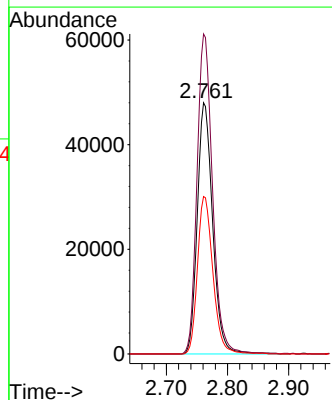
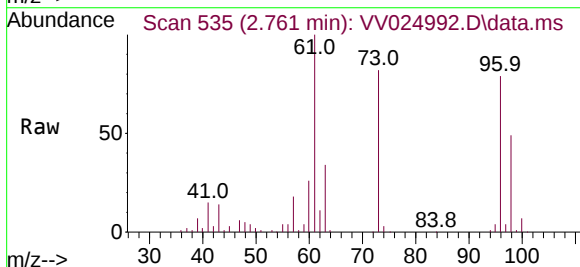
Tgt Ion: 96 Resp: 83984

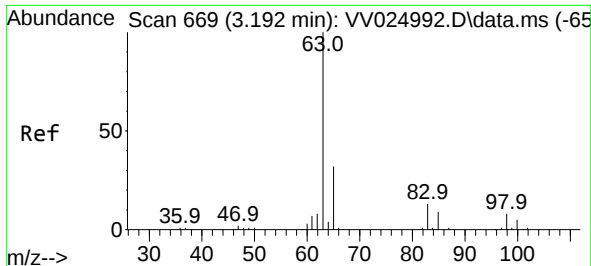
Ion Ratio Lower Upper

96 100

61 127.4 89.2 165.6

98 62.7 43.9 81.5

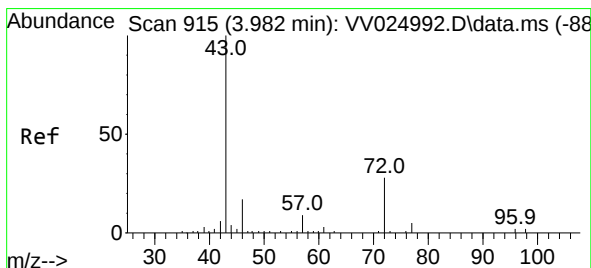
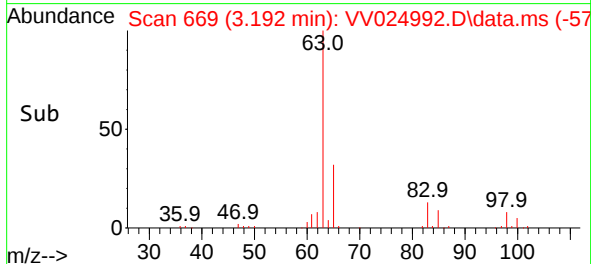
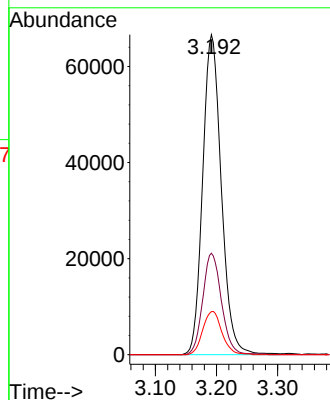
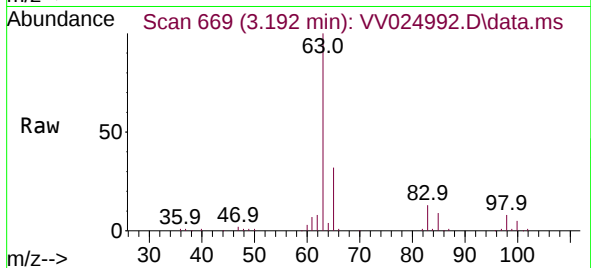




#19
1,1-Dichloroethane
Concen: 5.008 ug/L
RT: 3.192 min Scan# 669
Delta R.T. 0.000 min
Lab File: VV024992.D
Acq: 15 Mar 2022 12:24

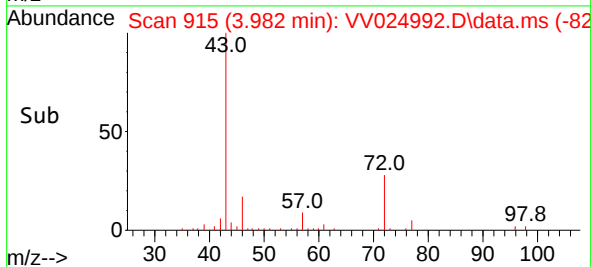
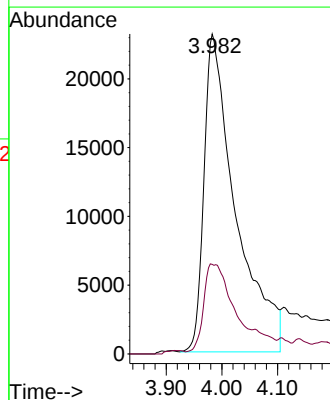
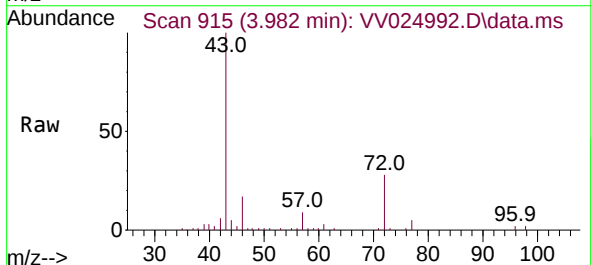
Instrument :
MSVOA_V
ClientSampleId :
VSTD005221

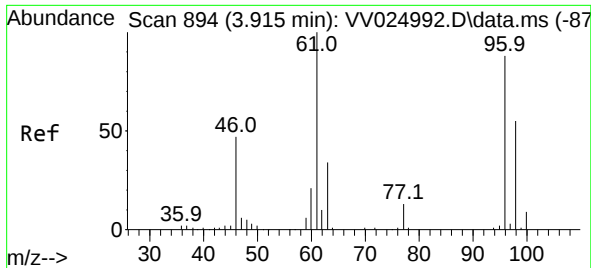
Tgt Ion: 63 Resp: 141223
Ion Ratio Lower Upper
63 100
65 31.7 22.2 41.2
83 13.4 9.4 17.4



#21
2-Butanone
Concen: 46.695 ug/L
RT: 3.982 min Scan# 915
Delta R.T. 0.000 min
Lab File: VV024992.D
Acq: 15 Mar 2022 12:24

Tgt Ion: 43 Resp: 91244
Ion Ratio Lower Upper
43 100
72 25.1 10.4 31.2

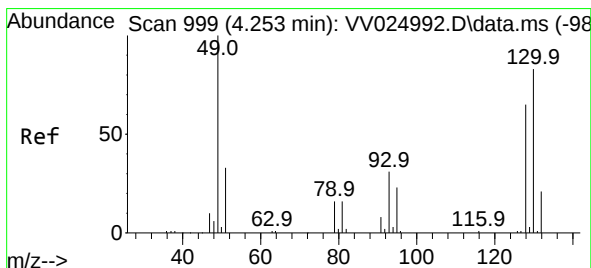
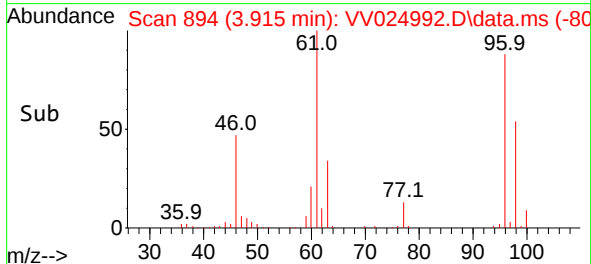
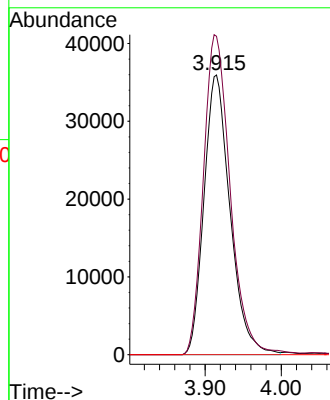
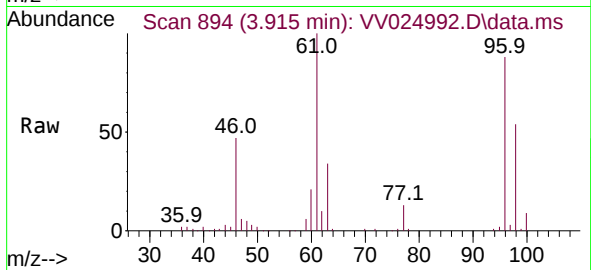




#22
 cis-1,2-Dichloroethene
 Concen: 5.126 ug/L
 RT: 3.915 min Scan# 894
 Delta R.T. 0.000 min
 Lab File: VV024992.D
 Acq: 15 Mar 2022 12:24

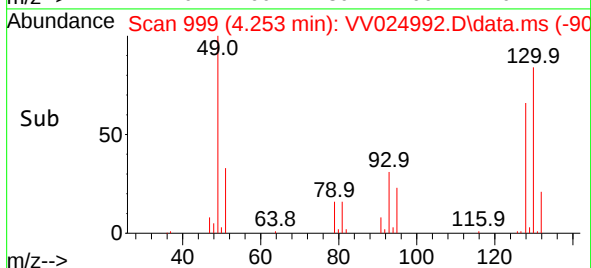
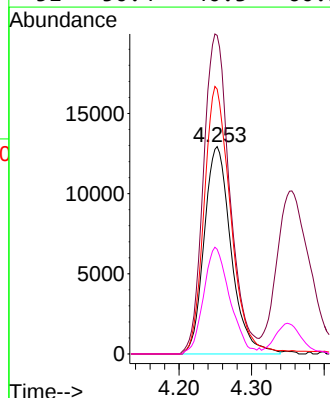
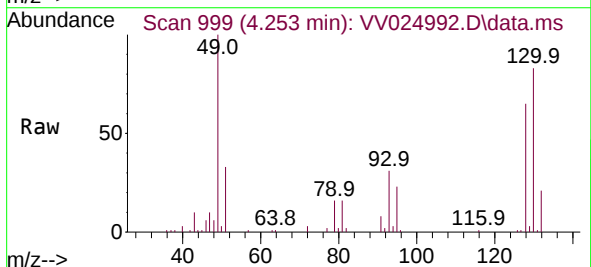
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005221

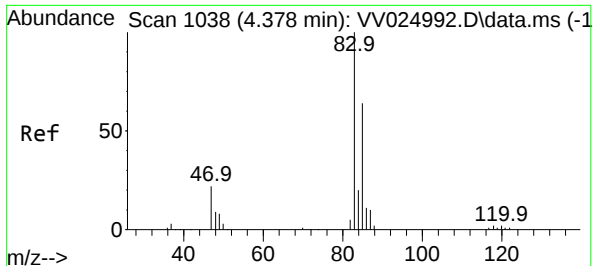
Tgt Ion: 96 Resp: 85742
 Ion Ratio Lower Upper
 96 100
 61 113.8 79.7 147.9
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.063 ug/L
 RT: 4.253 min Scan# 999
 Delta R.T. 0.000 min
 Lab File: VV024992.D
 Acq: 15 Mar 2022 12:24

Tgt Ion: 128 Resp: 33390
 Ion Ratio Lower Upper
 128 100
 49 153.6 107.5 199.7
 130 127.7 89.4 166.0
 51 50.4 40.3 60.5





#25

Chloroform

Concen: 5.004 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VV024992.D

Acq: 15 Mar 2022 12:24

Instrument :

MSVOA_V

ClientSampleId :

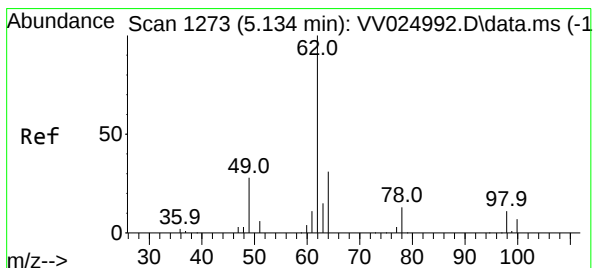
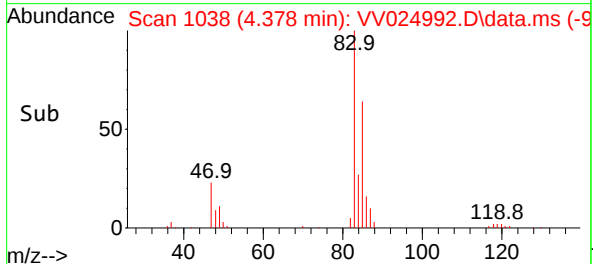
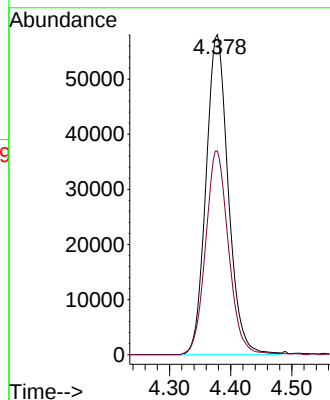
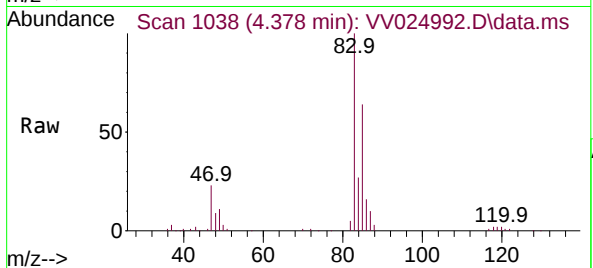
VSTD005221

Tgt Ion: 83 Resp: 146903

Ion Ratio Lower Upper

83 100

85 63.6 44.5 82.7



#27

1,2-Dichloroethane

Concen: 4.922 ug/L

RT: 5.134 min Scan# 1273

Delta R.T. 0.000 min

Lab File: VV024992.D

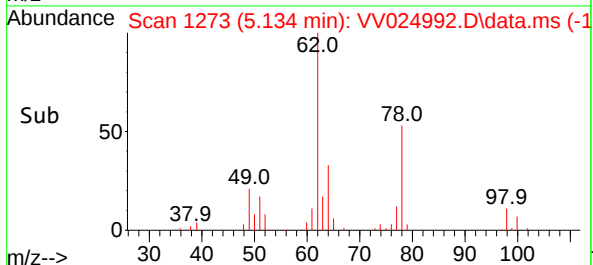
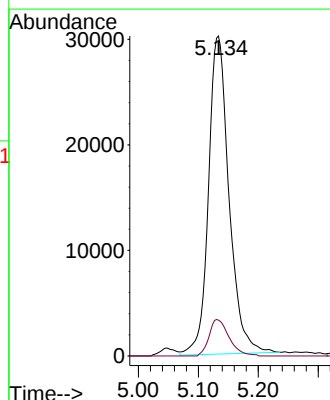
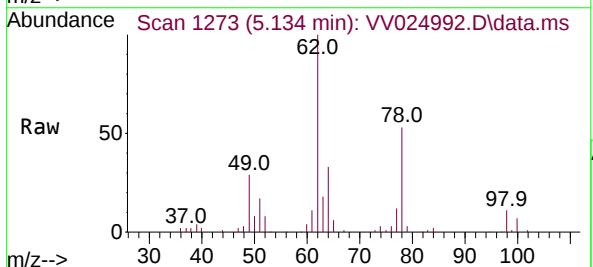
Acq: 15 Mar 2022 12:24

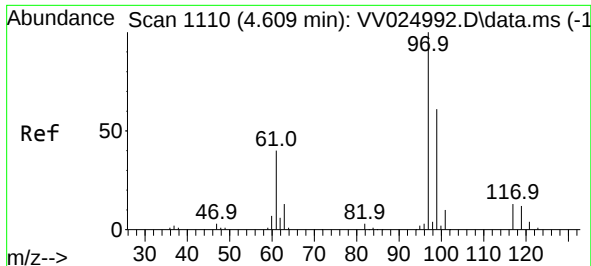
Tgt Ion: 62 Resp: 71848

Ion Ratio Lower Upper

62 100

98 11.2 9.0 13.4





#29

1,1,1-Trichloroethane

Concen: 5.125 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VV024992.D

Acq: 15 Mar 2022 12:24

Instrument :

MSVOA_V

ClientSampleId :

VSTD005221

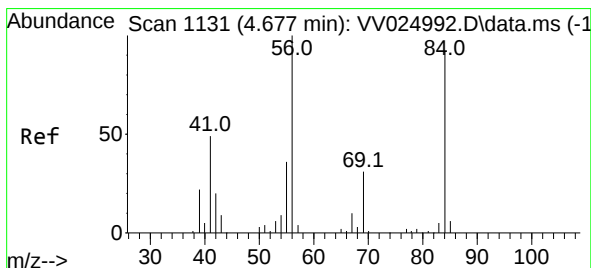
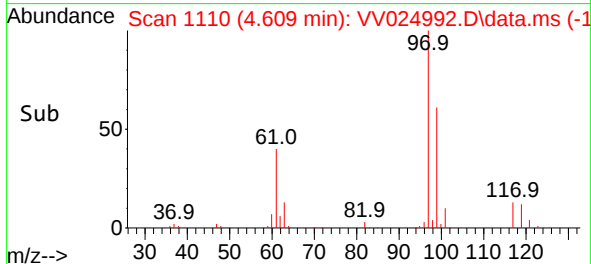
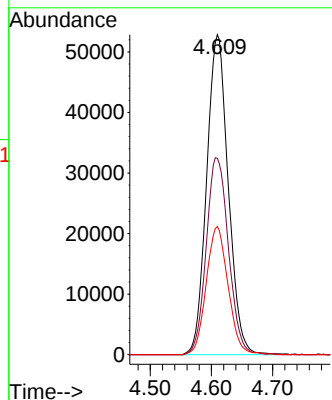
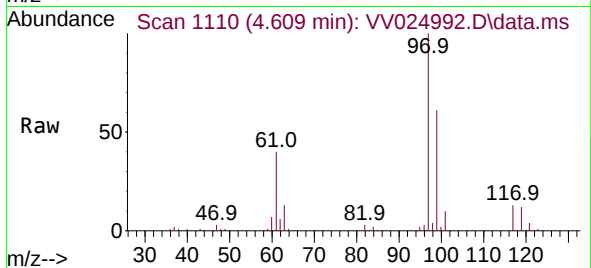
Tgt Ion: 97 Resp: 129909

Ion Ratio Lower Upper

97 100

99 63.4 50.7 76.1

61 40.5 32.4 48.6



#30

Cyclohexane

Concen: 5.132 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VV024992.D

Acq: 15 Mar 2022 12:24

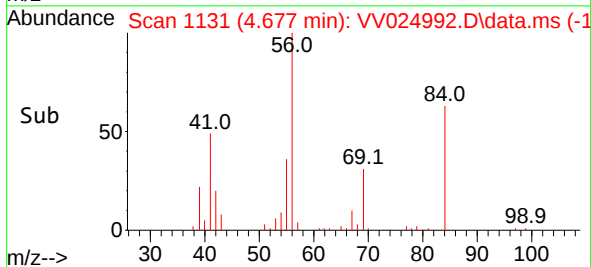
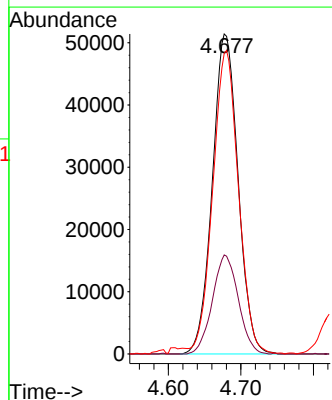
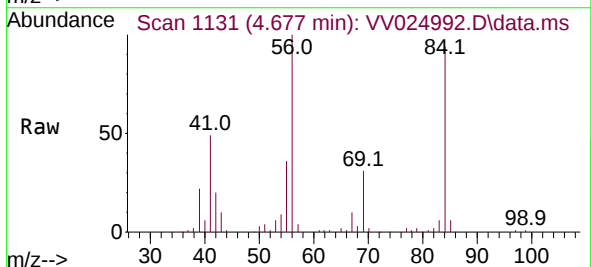
Tgt Ion: 56 Resp: 126571

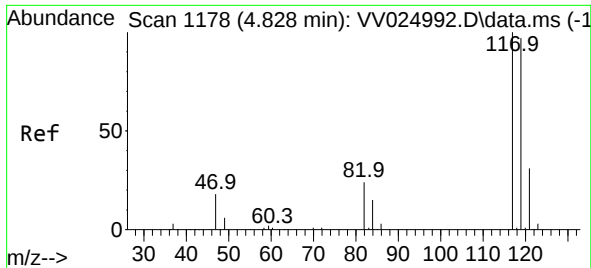
Ion Ratio Lower Upper

56 100

69 31.1 24.9 37.3

84 94.9 75.9 113.9

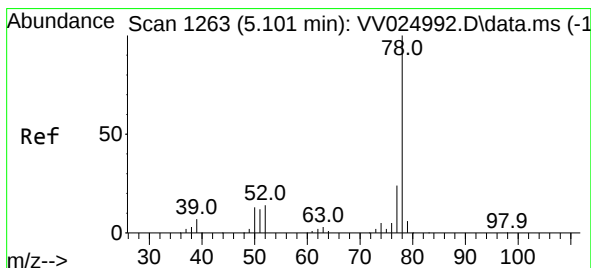
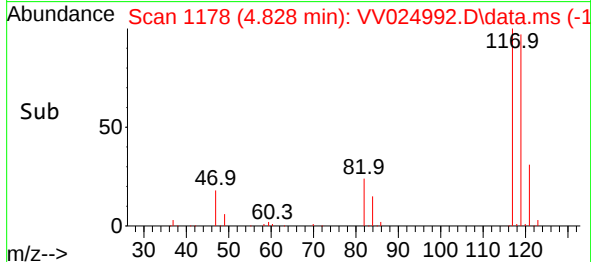
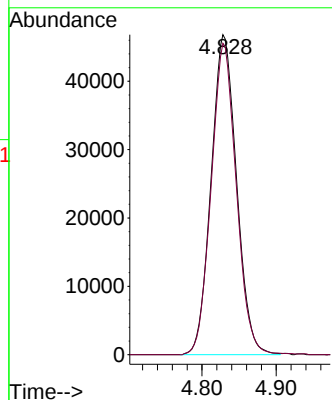
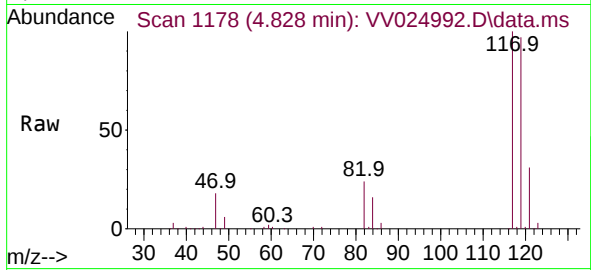




#31
Carbon tetrachloride
Concen: 5.124 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VV024992.D
Acq: 15 Mar 2022 12:24

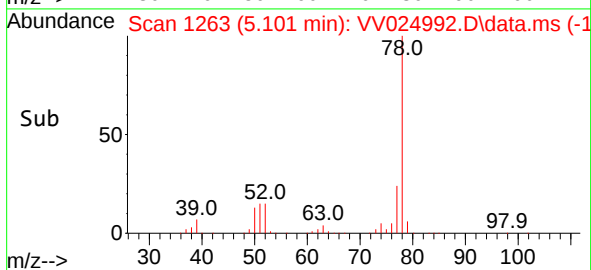
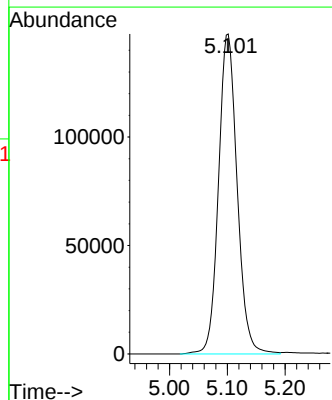
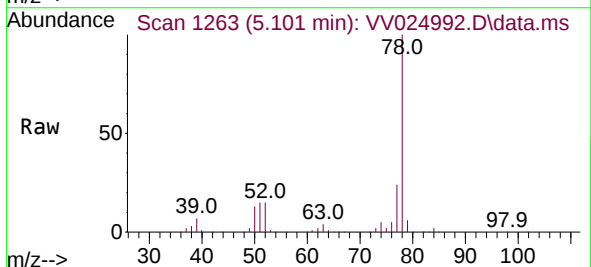
Instrument :
MSVOA_V
ClientSampleId :
VSTD005221

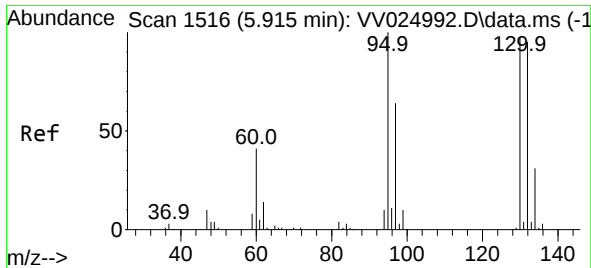
Tgt Ion:117 Resp: 111428
Ion Ratio Lower Upper
117 100
119 96.0 76.8 115.2



#33
Benzene
Concen: 5.115 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VV024992.D
Acq: 15 Mar 2022 12:24

Tgt Ion: 78 Resp: 330729

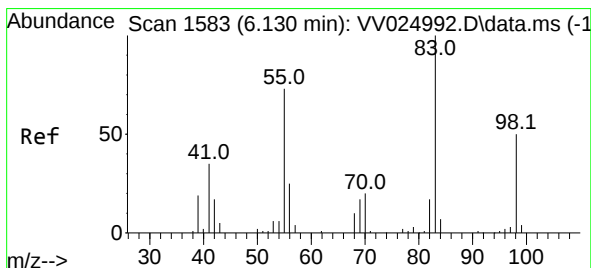
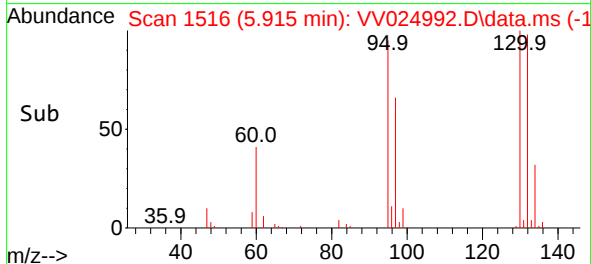
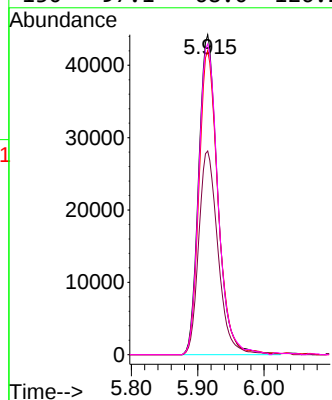
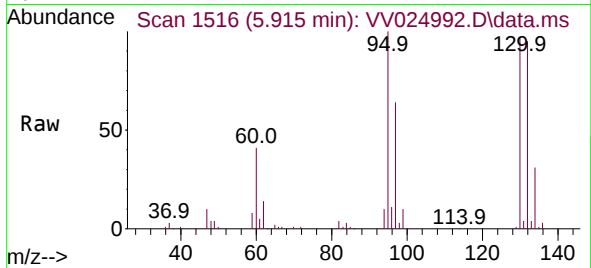




#34
Trichloroethene
Concen: 5.130 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VV024992.D
Acq: 15 Mar 2022 12:24

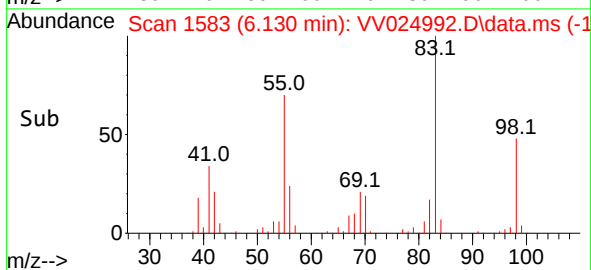
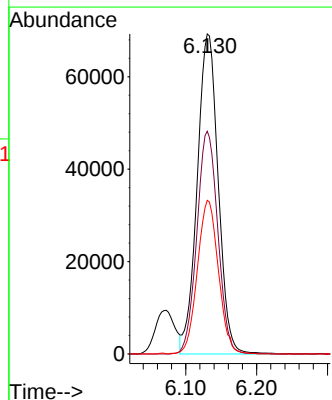
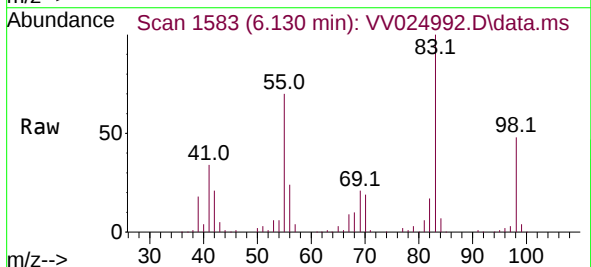
Instrument :
MSVOA_V
ClientSampleId :
VSTD005221

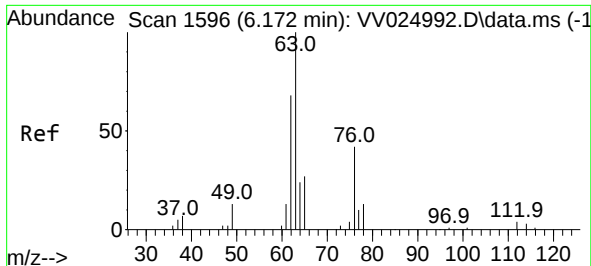
Tgt Ion: 95 Resp: 88319
Ion Ratio Lower Upper
95 100
97 63.6 44.5 82.7
132 95.0 66.5 123.5
130 97.1 68.0 126.2



#35
Methylcyclohexane
Concen: 5.237 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.000 min
Lab File: VV024992.D
Acq: 15 Mar 2022 12:24

Tgt Ion: 83 Resp: 142706
Ion Ratio Lower Upper
83 100
55 69.2 55.4 83.0
98 48.0 38.4 57.6





#37

1,2-Dichloropropane

Concen: 5.126 ug/L

RT: 6.172 min Scan# 1596

Delta R.T. 0.000 min

Lab File: VV024992.D

Acq: 15 Mar 2022 12:24

Instrument :

MSVOA_V

ClientSampleId :

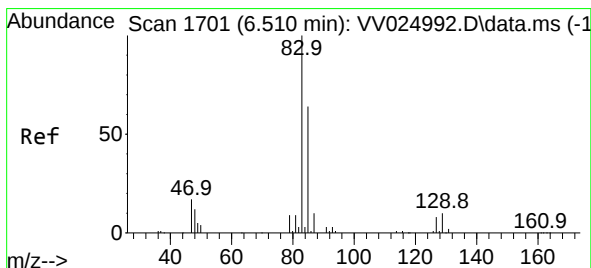
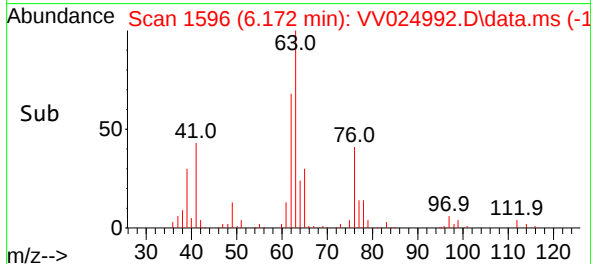
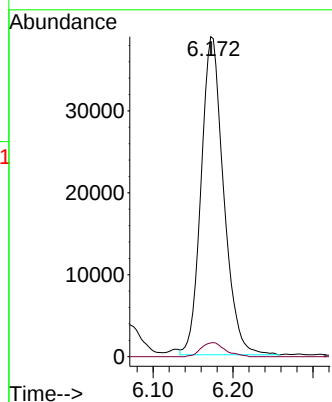
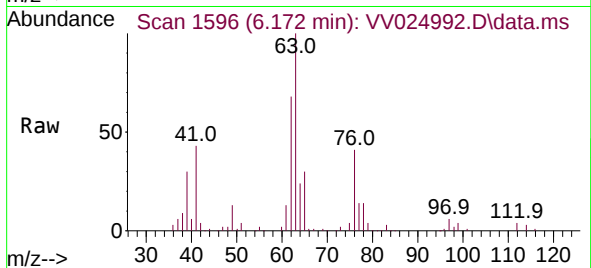
VSTD005221

Tgt Ion: 63 Resp: 76157

Ion Ratio Lower Upper

63 100

112 4.7 3.8 5.6



#38

Bromodichloromethane

Concen: 5.100 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VV024992.D

Acq: 15 Mar 2022 12:24

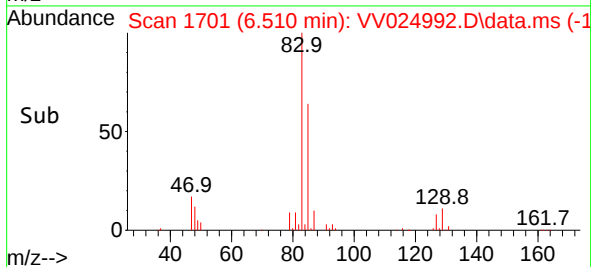
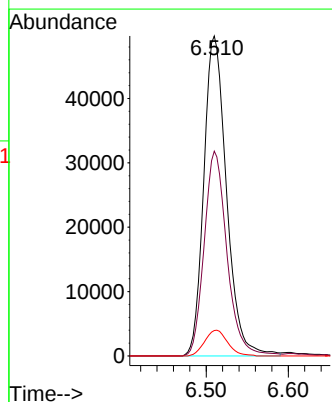
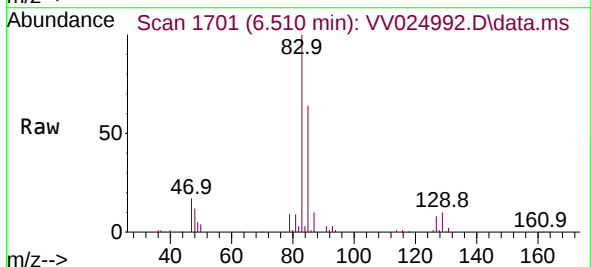
Tgt Ion: 83 Resp: 95834

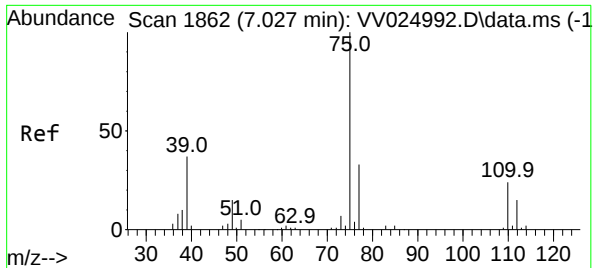
Ion Ratio Lower Upper

83 100

85 64.0 44.8 83.2

127 7.9 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 5.202 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. 0.000 min

Lab File: VV024992.D

Acq: 15 Mar 2022 12:24

Instrument :

MSVOA_V

ClientSampleId :

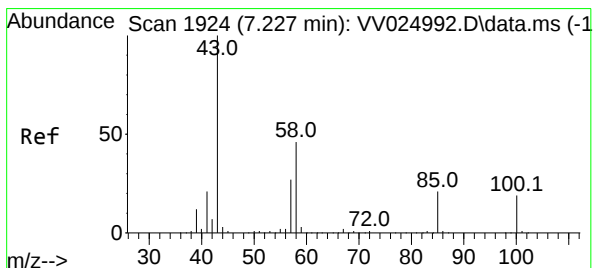
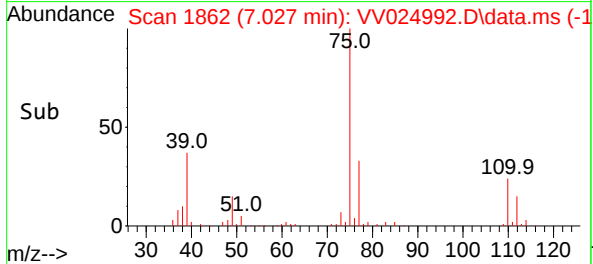
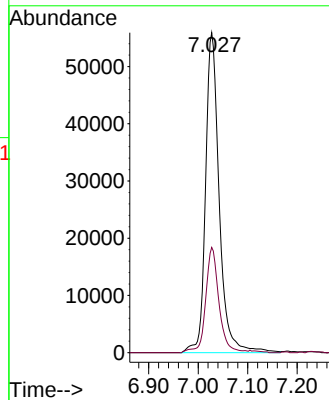
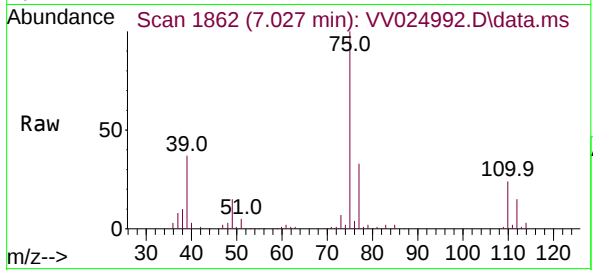
VSTD005221

Tgt Ion: 75 Resp: 107309

Ion Ratio Lower Upper

75 100

77 32.9 23.0 42.8



#40

4-Methyl-2-pentanone

Concen: 53.221 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VV024992.D

Acq: 15 Mar 2022 12:24

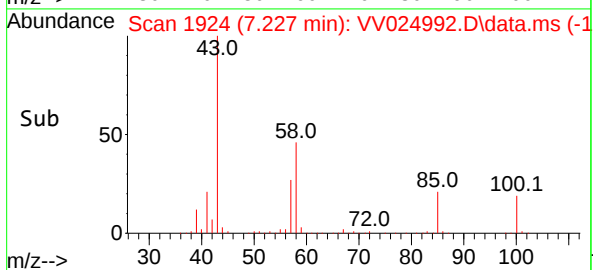
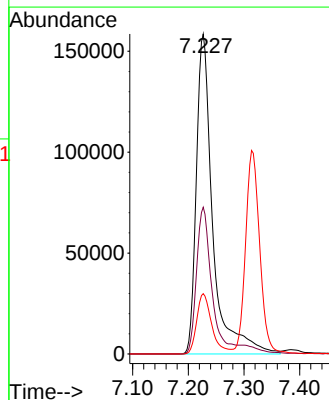
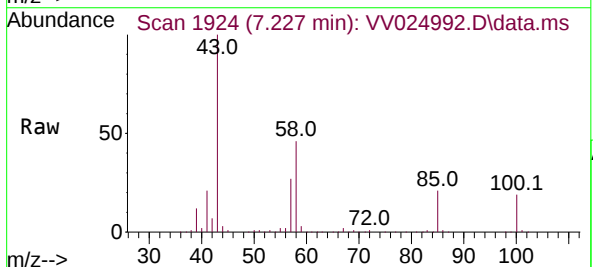
Tgt Ion: 43 Resp: 325379

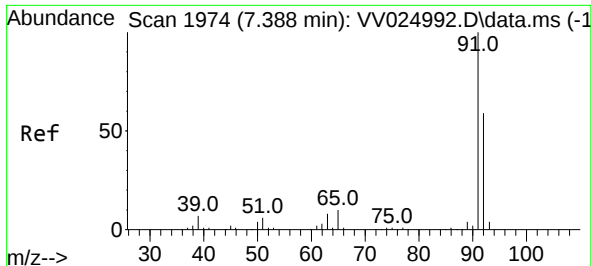
Ion Ratio Lower Upper

43 100

58 45.8 36.6 55.0

100 17.3 13.8 20.8





#42

Toluene

Concen: 5.241 ug/L

RT: 7.388 min Scan# 1974

Delta R.T. 0.000 min

Lab File: VV024992.D

Acq: 15 Mar 2022 12:24

Instrument :

MSVOA_V

ClientSampleId :

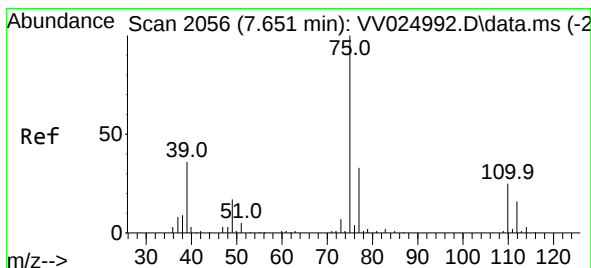
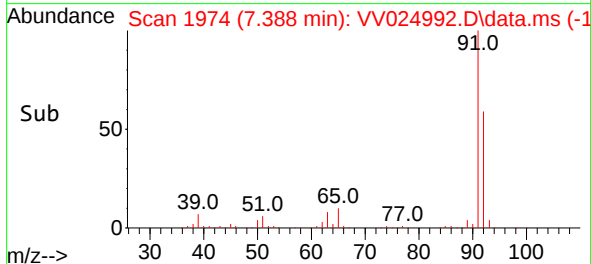
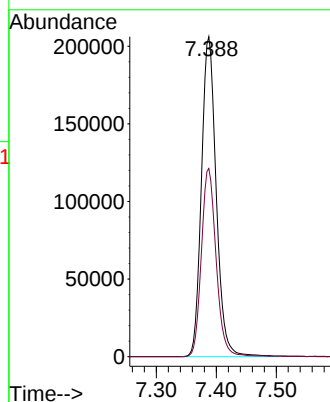
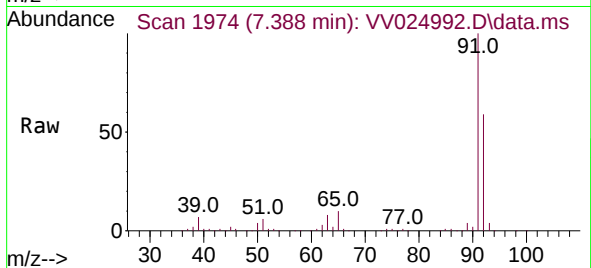
VSTD005221

Tgt Ion: 91 Resp: 354648

Ion Ratio Lower Upper

91 100

92 58.8 41.2 76.4



#44

trans-1,3-Dichloropropene

Concen: 5.257 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VV024992.D

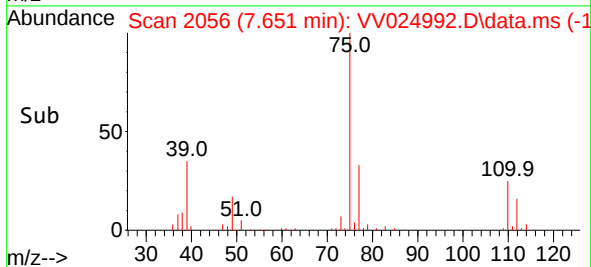
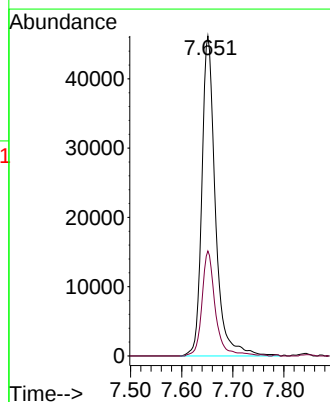
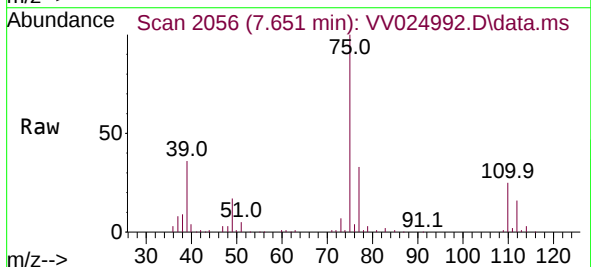
Acq: 15 Mar 2022 12:24

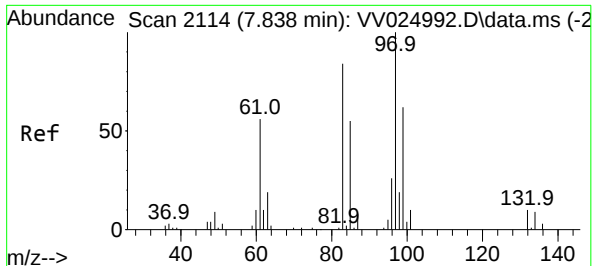
Tgt Ion: 75 Resp: 85341

Ion Ratio Lower Upper

75 100

77 32.8 23.0 42.6





#45

1,1,2-Trichloroethane

Concen: 5.193 ug/L

RT: 7.838 min Scan# 2114

Delta R.T. 0.000 min

Lab File: VV024992.D

Acq: 15 Mar 2022 12:24

Instrument :

MSVOA_V

ClientSampleId :

VSTD005221

Tgt Ion: 97 Resp: 51533

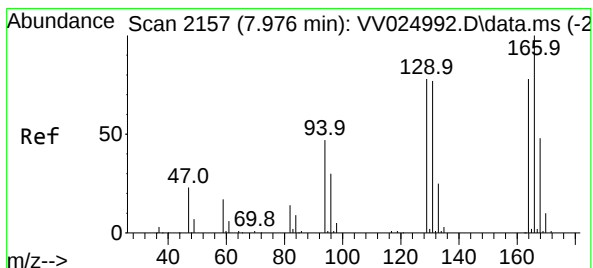
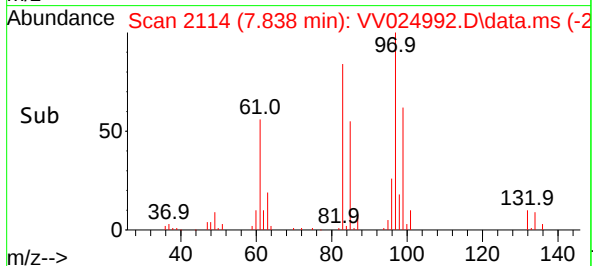
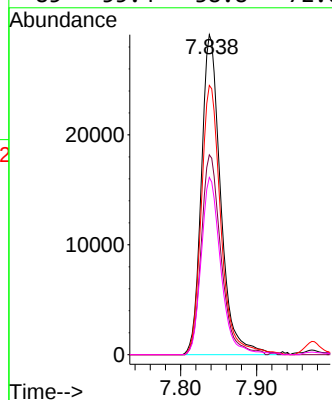
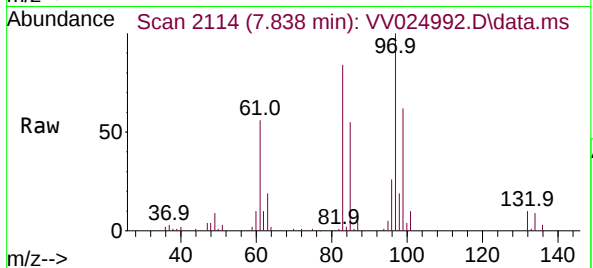
Ion Ratio Lower Upper

97 100

99 62.4 43.7 81.1

83 84.1 58.9 109.3

85 55.4 38.8 72.0



#47

Tetrachloroethene

Concen: 5.054 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.000 min

Lab File: VV024992.D

Acq: 15 Mar 2022 12:24

Tgt Ion:164 Resp: 61203

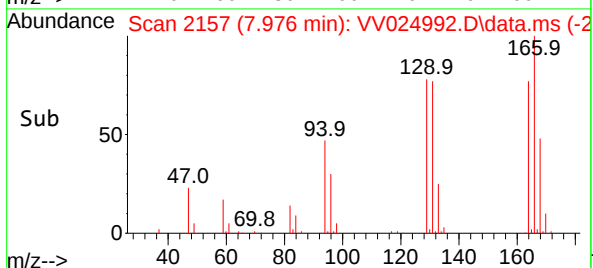
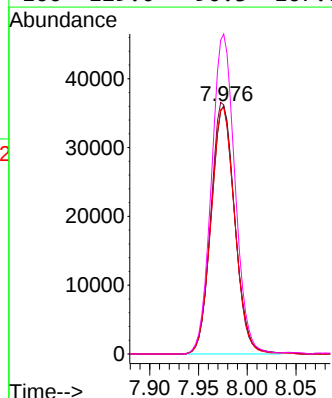
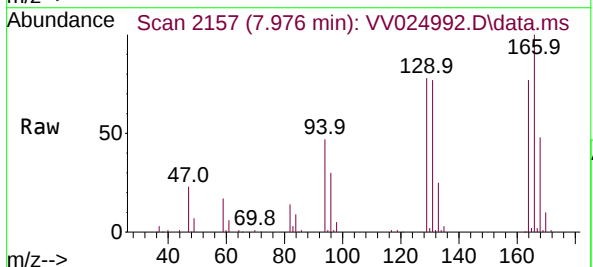
Ion Ratio Lower Upper

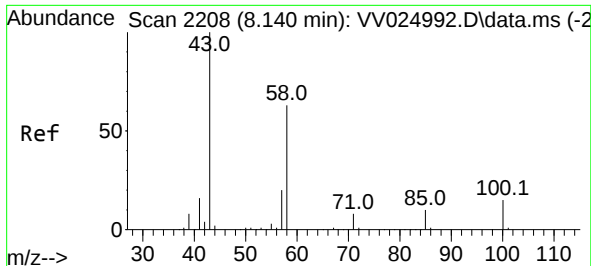
164 100

129 100.5 70.3 130.7

131 99.2 69.4 129.0

166 129.0 90.3 167.7



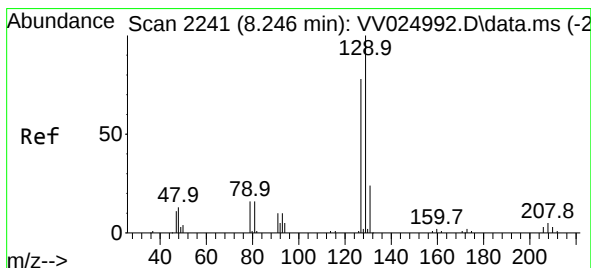
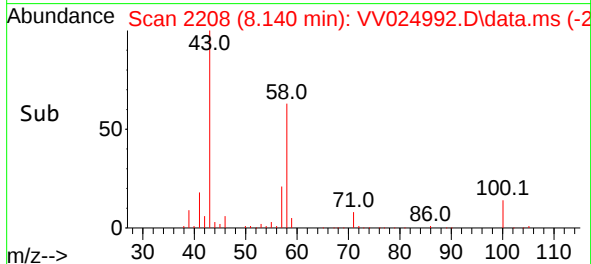
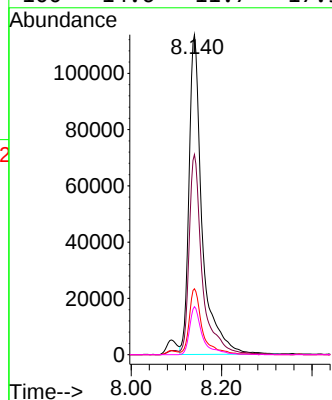
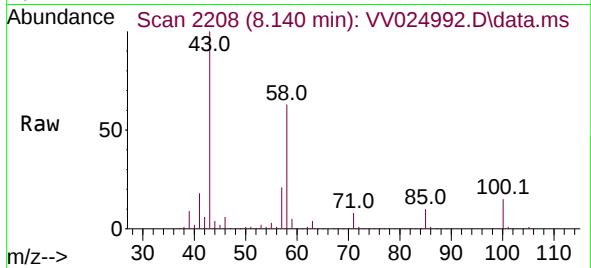


#48
2-Hexanone
Concen: 53.312 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VV024992.D
Acq: 15 Mar 2022 12:24

Instrument :
MSVOA_V
ClientSampleId :
VSTD005221

Tgt Ion: 43 Resp: 231071

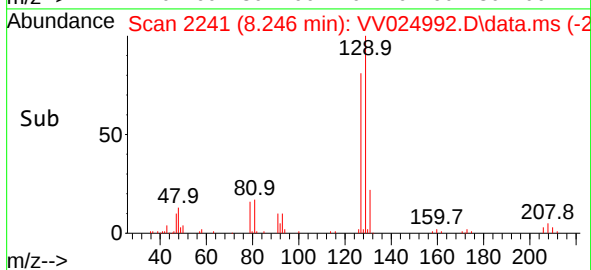
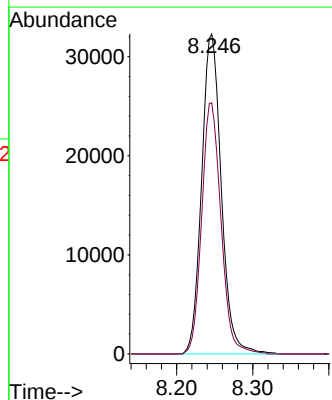
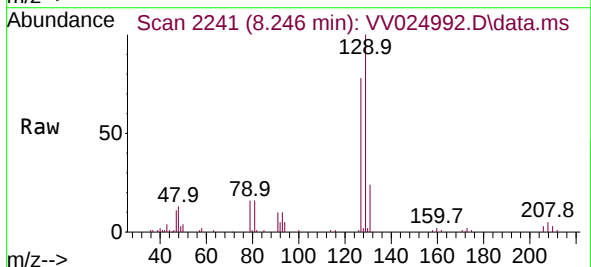
Ion	Ratio	Lower	Upper
43	100		
58	61.5	49.2	73.8
57	20.0	16.0	24.0
100	14.6	11.7	17.5

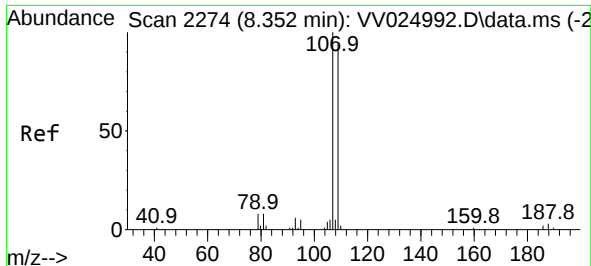


#49
Dibromochloromethane
Concen: 5.215 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV024992.D
Acq: 15 Mar 2022 12:24

Tgt Ion: 129 Resp: 57930

Ion	Ratio	Lower	Upper
129	100		
127	78.5	54.9	102.1





#50

1,2-Dibromoethane

Concen: 5.173 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV024992.D

Acq: 15 Mar 2022 12:24

Instrument :

MSVOA_V

ClientSampleId :

VSTD005221

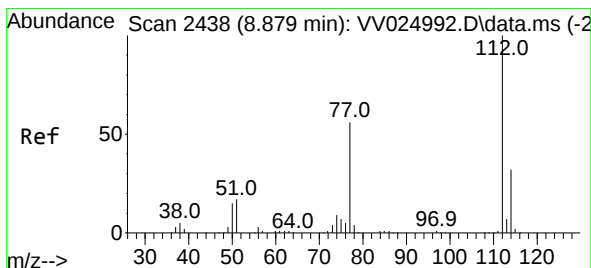
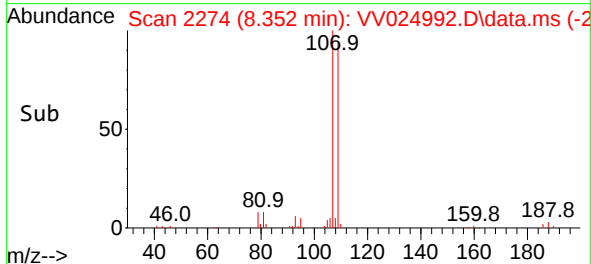
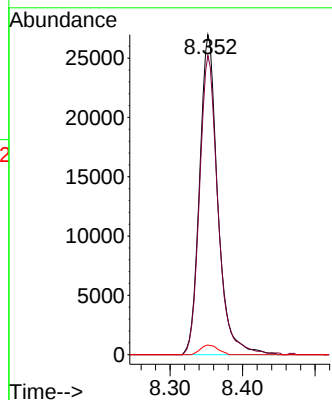
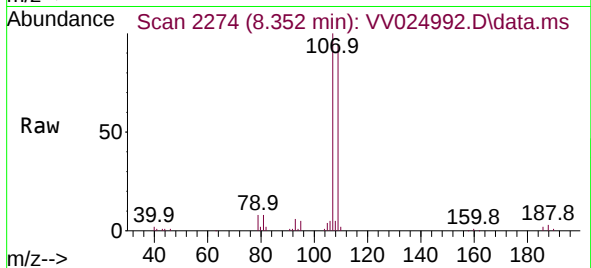
Tgt Ion:107 Resp: 46979

Ion Ratio Lower Upper

107 100

109 93.5 65.5 121.6

188 3.0 2.4 3.6



#51

Chlorobenzene

Concen: 5.107 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.000 min

Lab File: VV024992.D

Acq: 15 Mar 2022 12:24

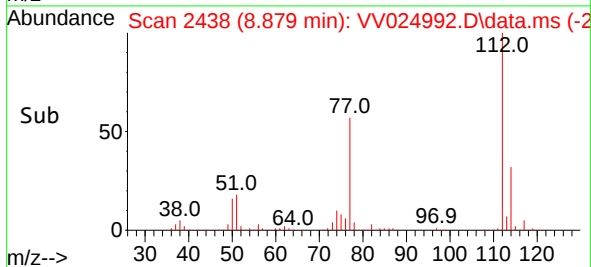
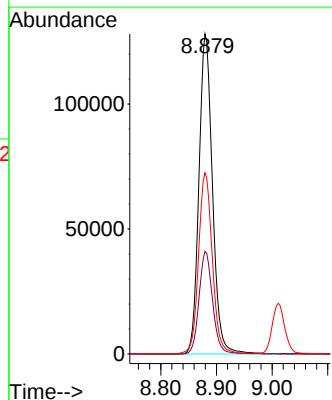
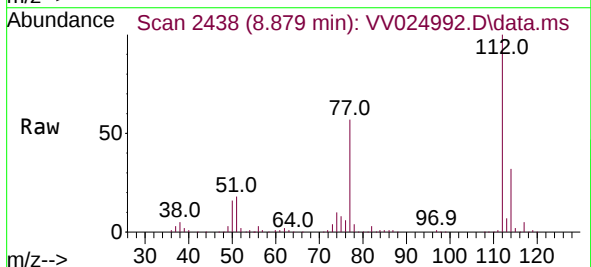
Tgt Ion:112 Resp: 216368

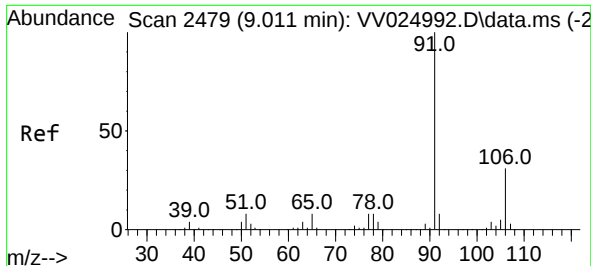
Ion Ratio Lower Upper

112 100

114 32.1 22.5 41.7

77 56.6 45.3 67.9





#52

Ethylbenzene

Concen: 5.220 ug/L

RT: 9.011 min Scan# 2479

Delta R.T. 0.000 min

Lab File: VV024992.D

Acq: 15 Mar 2022 12:24

Instrument :

MSVOA_V

ClientSampleId :

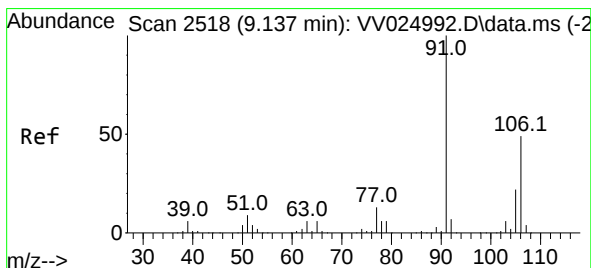
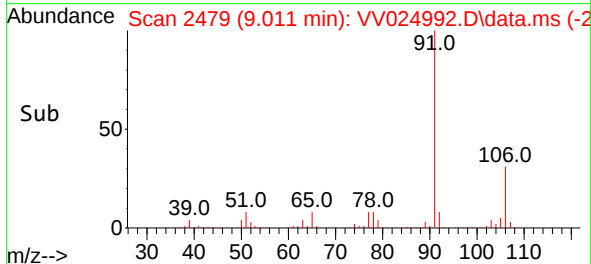
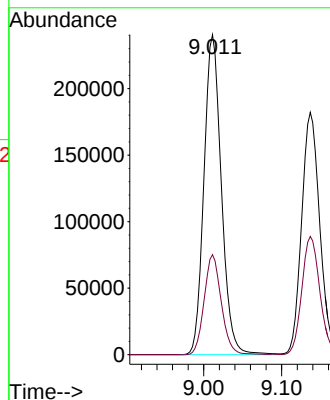
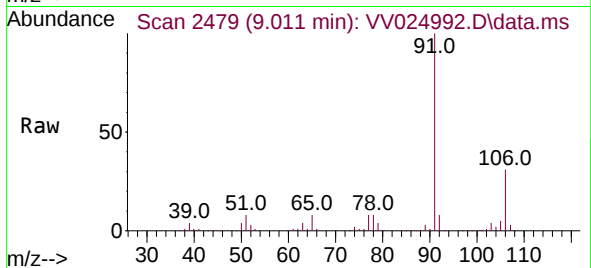
VSTD005221

Tgt Ion: 91 Resp: 373642

Ion Ratio Lower Upper

91 100

106 31.3 21.9 40.7



#53

m,p-xylene

Concen: 5.251 ug/L

RT: 9.137 min Scan# 2518

Delta R.T. 0.000 min

Lab File: VV024992.D

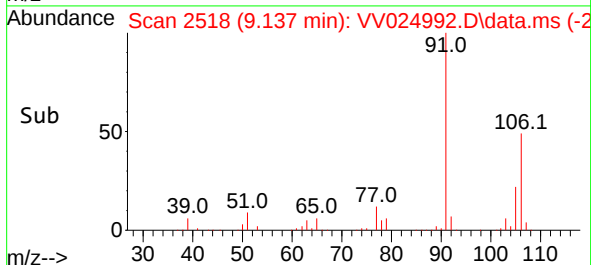
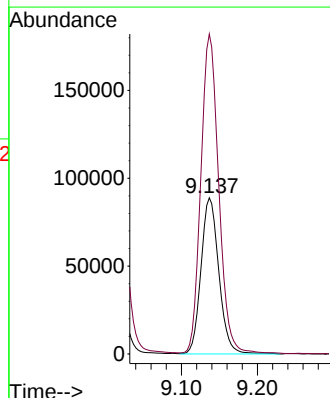
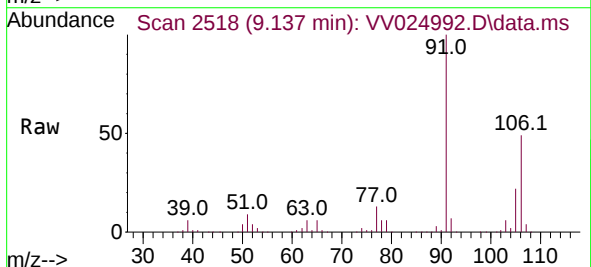
Acq: 15 Mar 2022 12:24

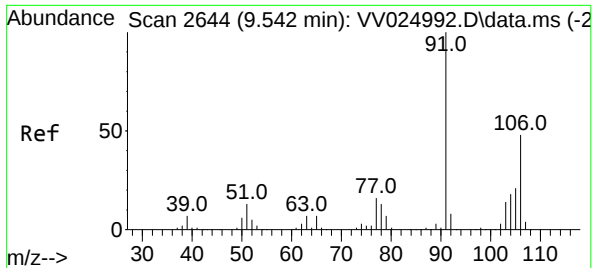
Tgt Ion: 106 Resp: 144748

Ion Ratio Lower Upper

106 100

91 204.9 143.4 266.4

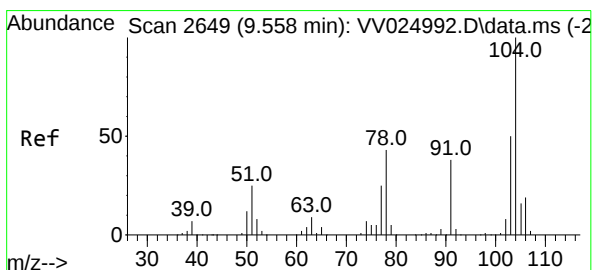
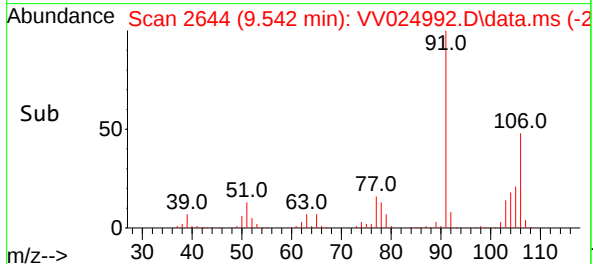
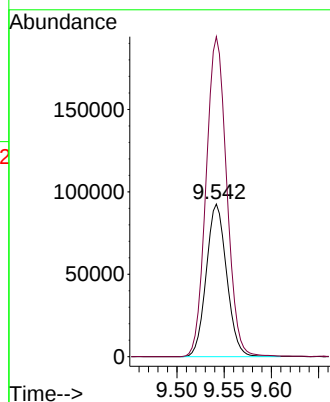
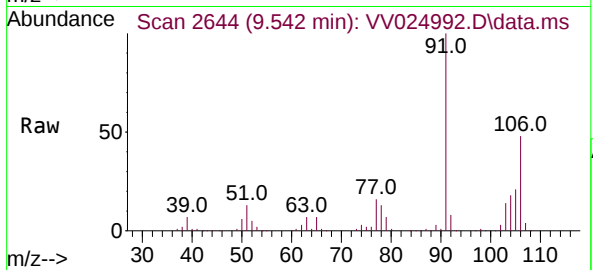




#54
o-xylene
Concen: 5.277 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV024992.D
Acq: 15 Mar 2022 12:24

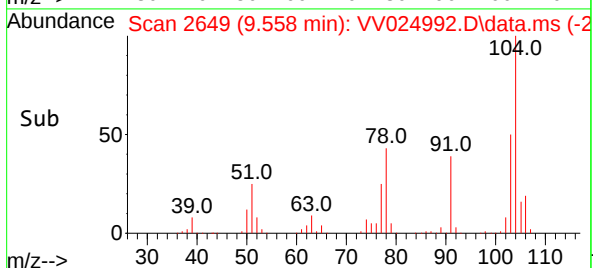
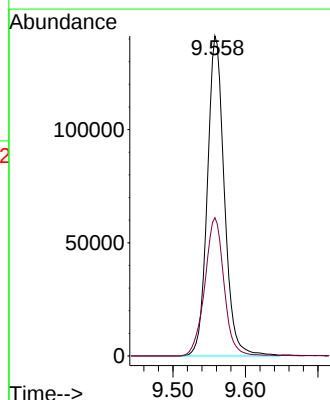
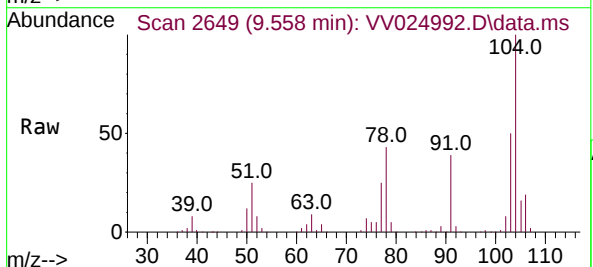
Instrument :
MSVOA_V
ClientSampleId :
VSTD005221

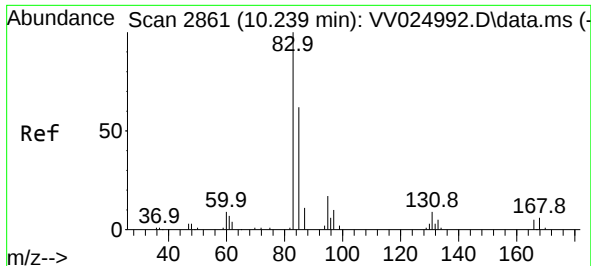
Tgt Ion:106 Resp: 139092
Ion Ratio Lower Upper
106 100
91 209.6 146.7 272.5



#55
Styrene
Concen: 5.370 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV024992.D
Acq: 15 Mar 2022 12:24

Tgt Ion:104 Resp: 230545
Ion Ratio Lower Upper
104 100
78 43.2 30.2 56.2





#57

1,1,2,2-Tetrachloroethane

Concen: 5.343 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. 0.000 min

Lab File: VV024992.D

Acq: 15 Mar 2022 12:24

Instrument :

MSVOA_V

ClientSampleId :

VSTD005221

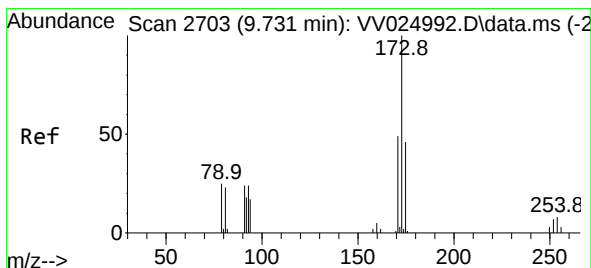
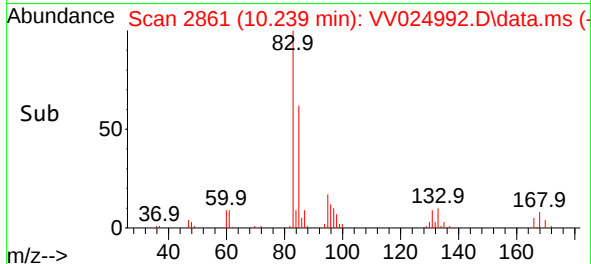
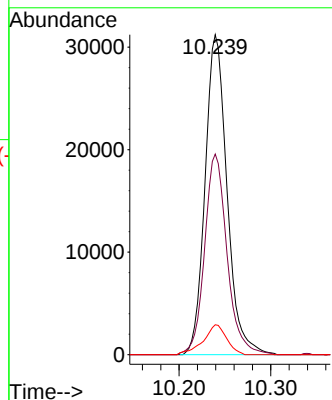
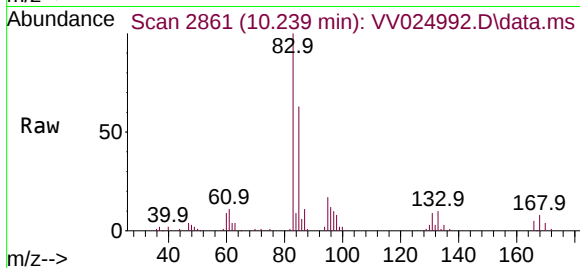
Tgt Ion: 83 Resp: 51986

Ion Ratio Lower Upper

83 100

85 62.7 43.9 81.5

131 9.4 7.5 11.3



#59

Bromoform

Concen: 5.088 ug/L

RT: 9.731 min Scan# 2703

Delta R.T. 0.000 min

Lab File: VV024992.D

Acq: 15 Mar 2022 12:24

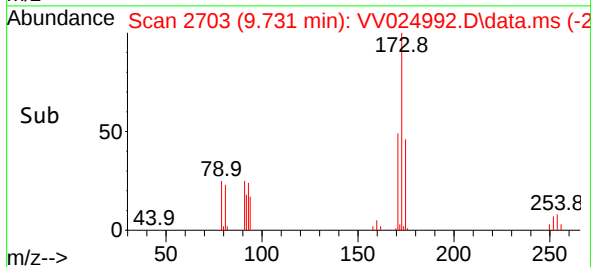
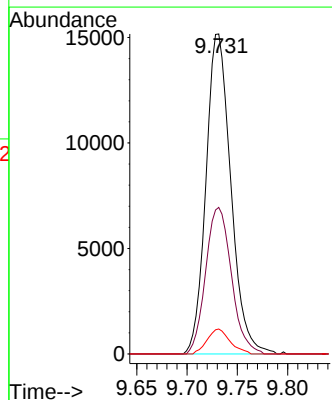
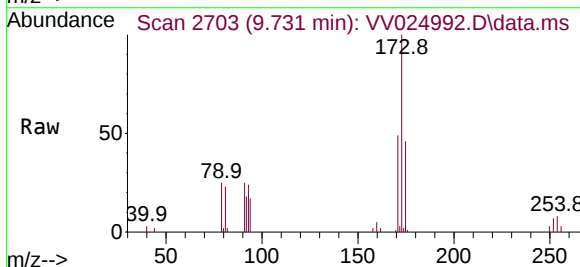
Tgt Ion: 173 Resp: 26107

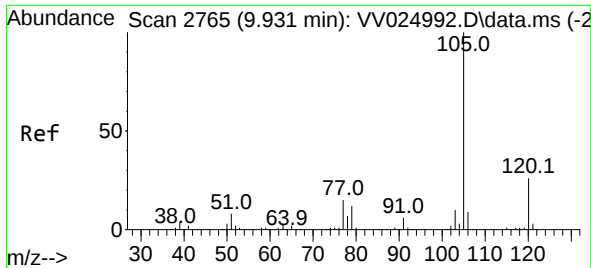
Ion Ratio Lower Upper

173 100

175 47.3 37.8 56.8

254 7.2 5.8 8.6

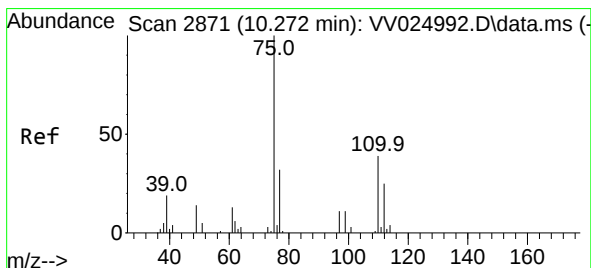
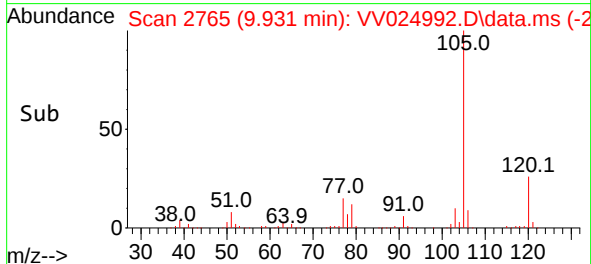
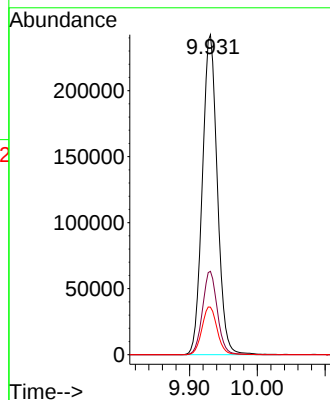
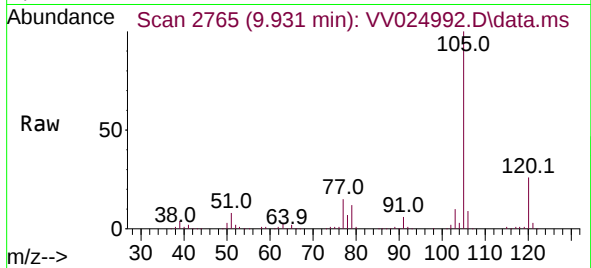




#60
Isopropylbenzene
Concen: 5.160 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VV024992.D
Acq: 15 Mar 2022 12:24

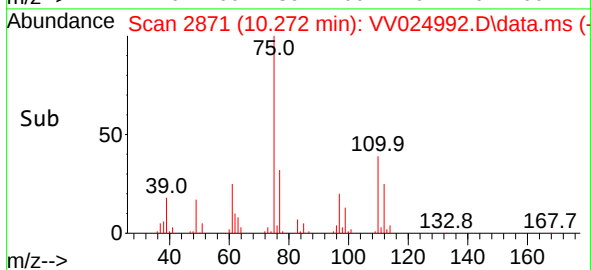
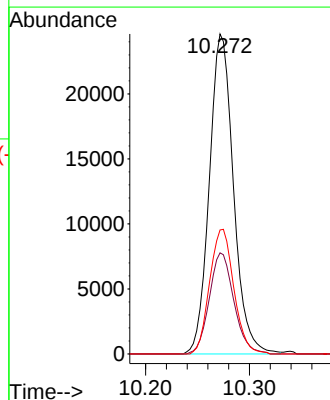
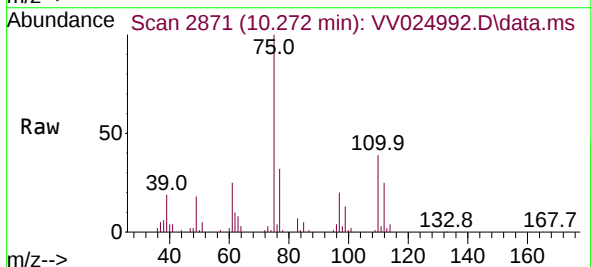
Instrument :
MSVOA_V
ClientSampleId :
VSTD005221

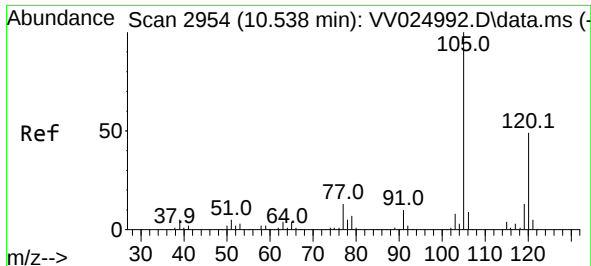
Tgt Ion:105 Resp: 370738
Ion Ratio Lower Upper
105 100
120 25.9 20.7 31.1
77 15.2 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 4.956 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV024992.D
Acq: 15 Mar 2022 12:24

Tgt Ion: 75 Resp: 39713
Ion Ratio Lower Upper
75 100
77 32.1 25.7 38.5
110 39.0 31.2 46.8





#62

1,3,5-Trimethylbenzene

Concen: 5.115 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV024992.D

Acq: 15 Mar 2022 12:24

Instrument :

MSVOA_V

ClientSampleId :

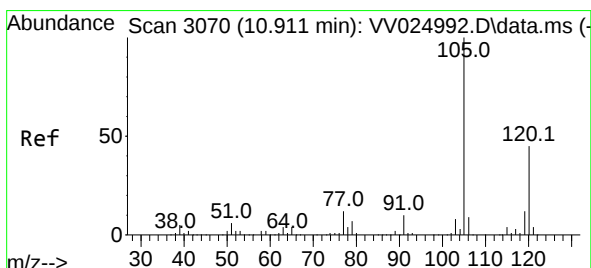
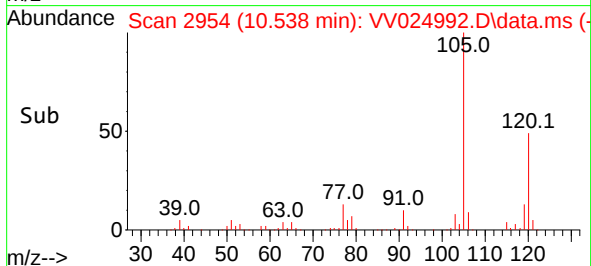
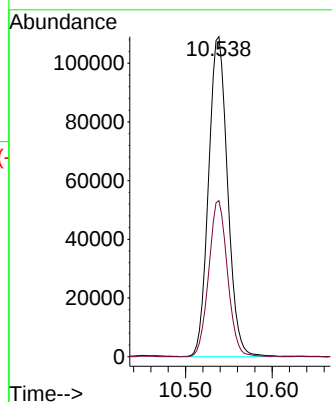
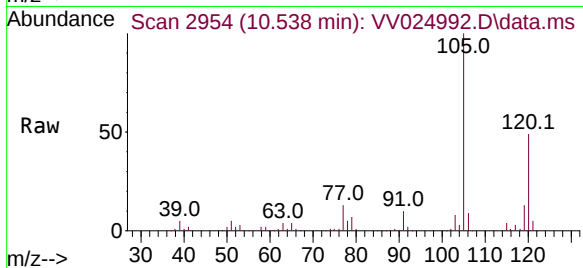
VSTD005221

Tgt Ion:105 Resp: 166771

Ion Ratio Lower Upper

105 100

120 48.1 38.5 57.7



#63

1,2,4-Trimethylbenzene

Concen: 5.283 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. 0.000 min

Lab File: VV024992.D

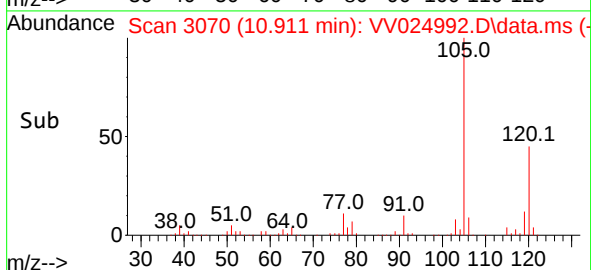
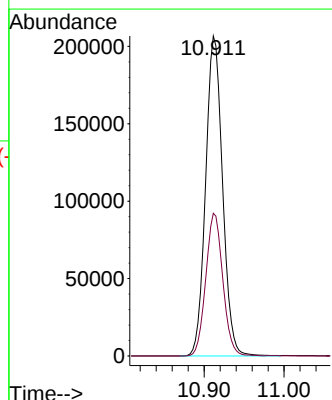
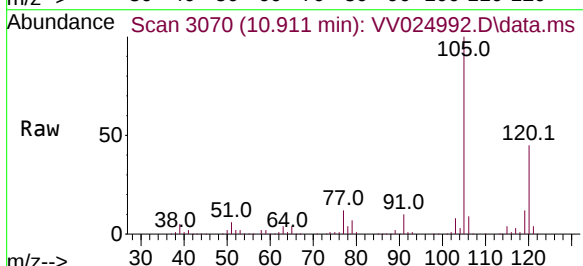
Acq: 15 Mar 2022 12:24

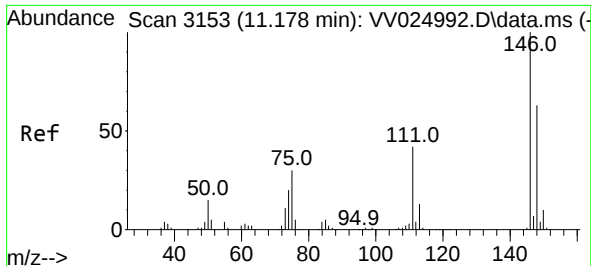
Tgt Ion:105 Resp: 305062

Ion Ratio Lower Upper

105 100

120 44.8 35.8 53.8

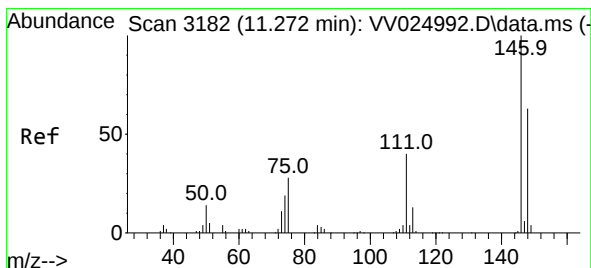
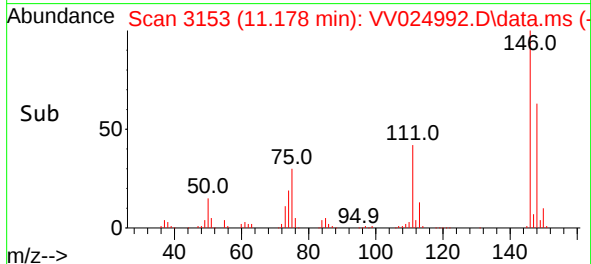
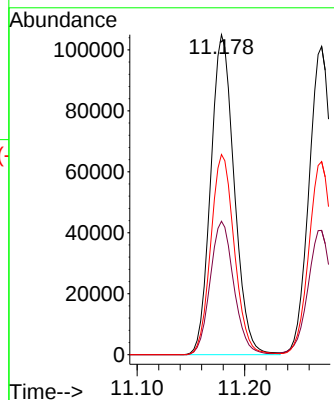
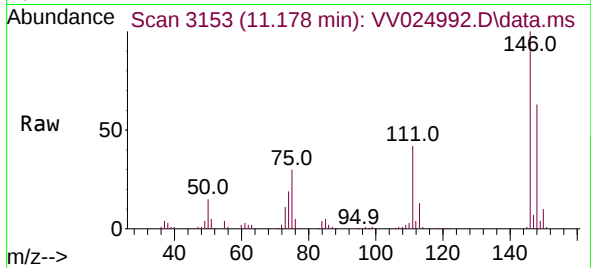




#64
1,3-Dichlorobenzene
Concen: 5.124 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV024992.D
Acq: 15 Mar 2022 12:24

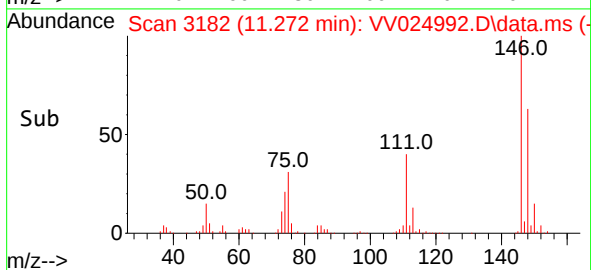
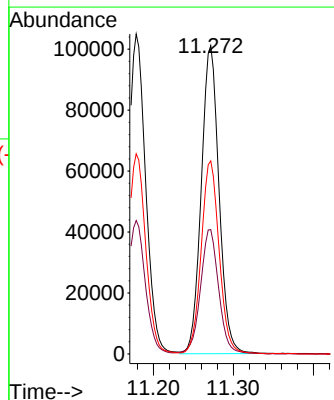
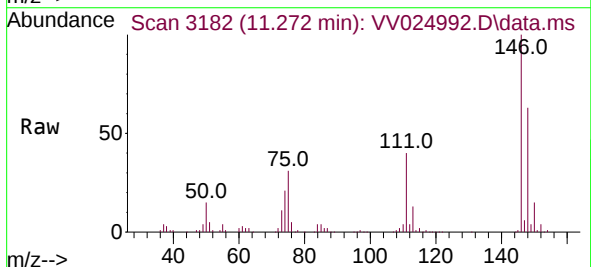
Instrument :
MSVOA_V
ClientSampleId :
VSTD005221

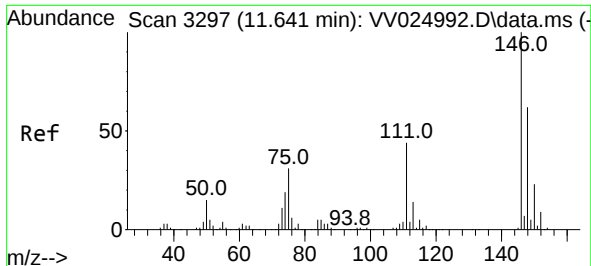
Tgt Ion:146 Resp: 159685
Ion Ratio Lower Upper
146 100
111 41.7 29.2 54.2
148 62.6 43.8 81.4



#65
1,4-Dichlorobenzene
Concen: 4.981 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV024992.D
Acq: 15 Mar 2022 12:24

Tgt Ion:146 Resp: 156485
Ion Ratio Lower Upper
146 100
111 40.3 28.2 52.4
148 62.6 43.8 81.4

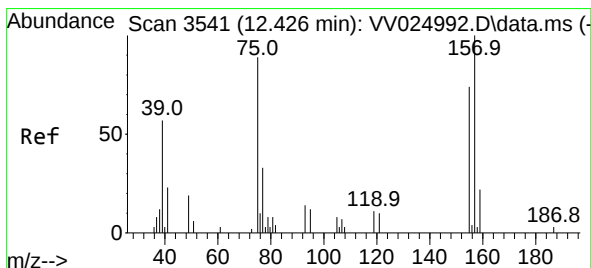
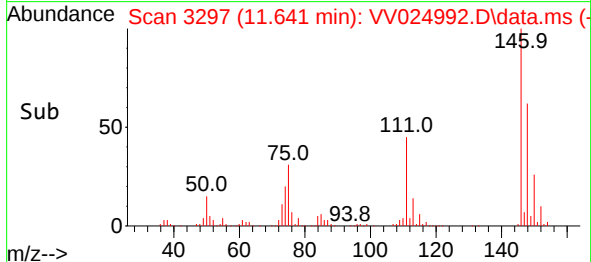
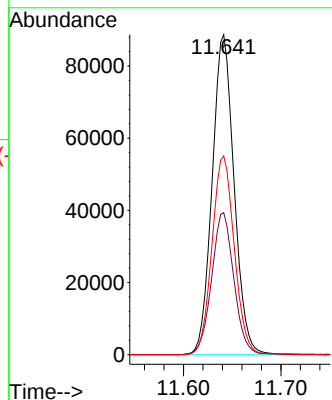
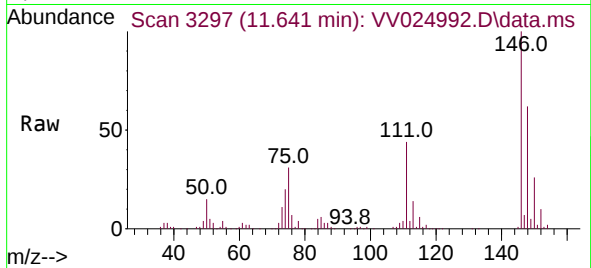




#67
1,2-Dichlorobenzene
Concen: 5.025 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. 0.000 min
Lab File: VV024992.D
Acq: 15 Mar 2022 12:24

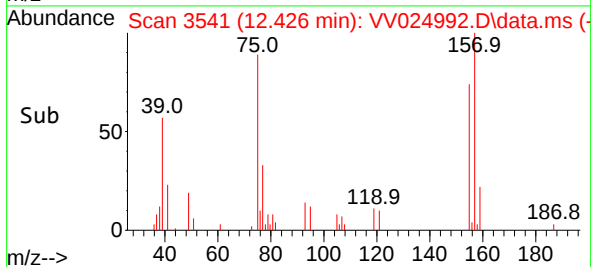
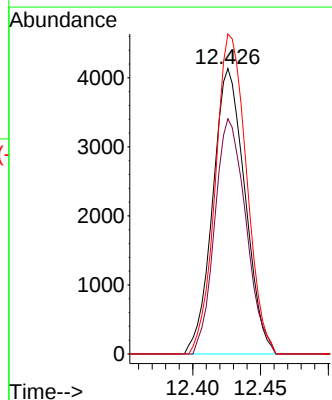
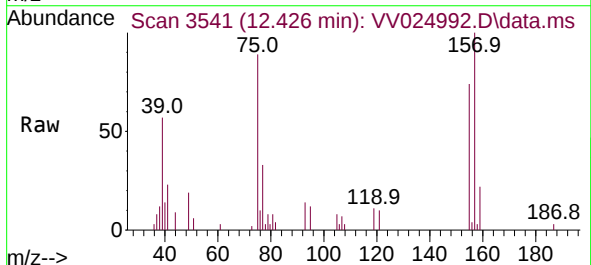
Instrument :
MSVOA_V
ClientSampleId :
VSTD005221

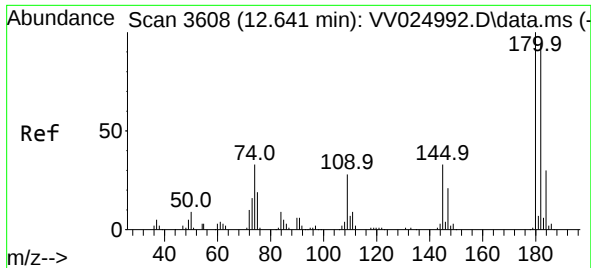
Tgt Ion:146 Resp: 138770
Ion Ratio Lower Upper
146 100
111 44.4 35.5 53.3
148 62.1 49.7 74.5



#68
1,2-Dibromo-3-chloropropane
Concen: 4.965 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. 0.000 min
Lab File: VV024992.D
Acq: 15 Mar 2022 12:24

Tgt Ion: 75 Resp: 6820
Ion Ratio Lower Upper
75 100
155 82.4 65.9 98.9
157 112.1 89.7 134.5

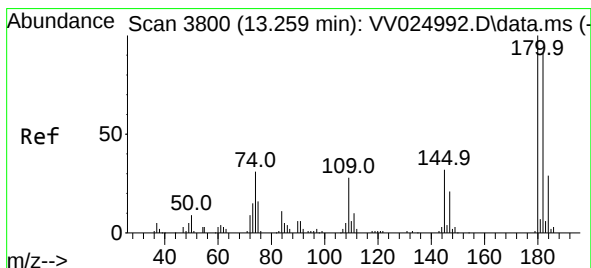
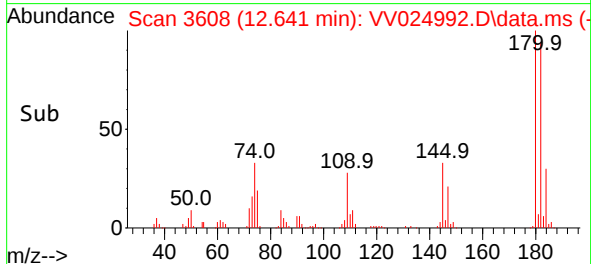
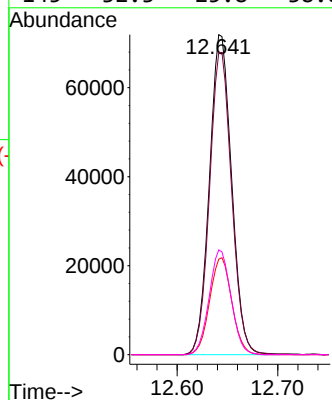
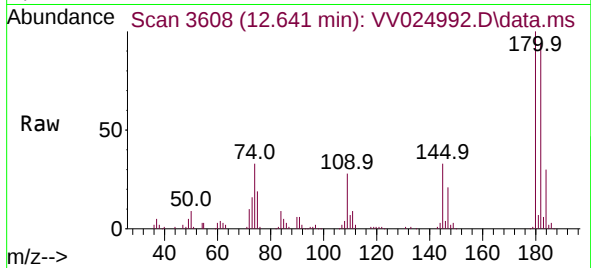




#69
 1,3,5-Trichlorobenzene
 Concen: 5.000 ug/L
 RT: 12.641 min Scan# 3608
 Delta R.T. 0.000 min
 Lab File: VV024992.D
 Acq: 15 Mar 2022 12:24

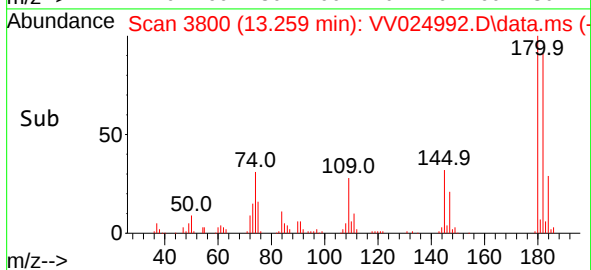
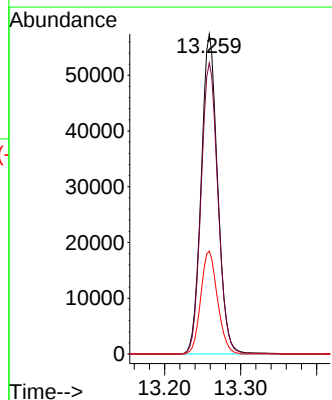
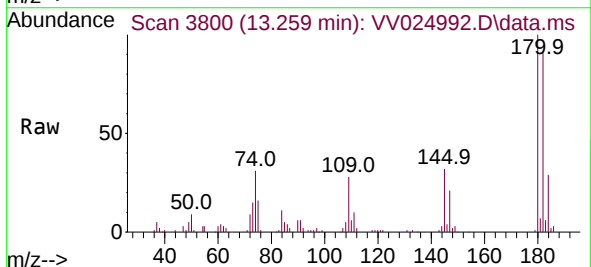
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005221

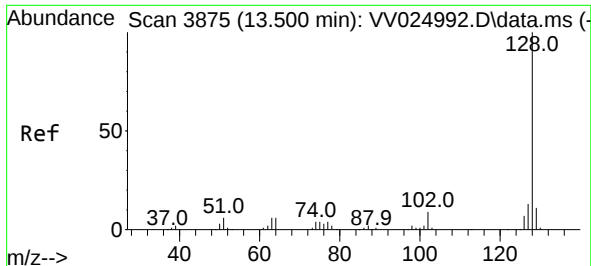
Tgt Ion:180	Resp:	110084
Ion	Ratio	Lower Upper
180	100	
182	94.2	75.4 113.0
184	30.3	24.2 36.4
145	32.3	25.8 38.8



#70
 1,2,4-trichlorobenzene
 Concen: 5.038 ug/L
 RT: 13.259 min Scan# 3800
 Delta R.T. 0.000 min
 Lab File: VV024992.D
 Acq: 15 Mar 2022 12:24

Tgt Ion:180	Resp:	86407
Ion	Ratio	Lower Upper
180	100	
182	93.3	74.6 112.0
145	32.6	26.1 39.1

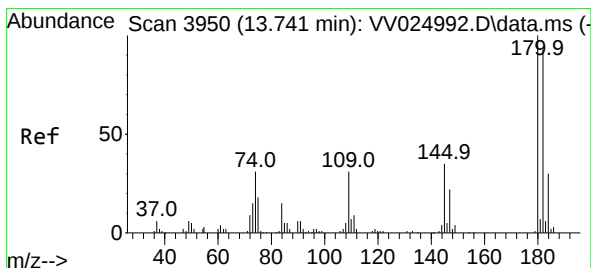
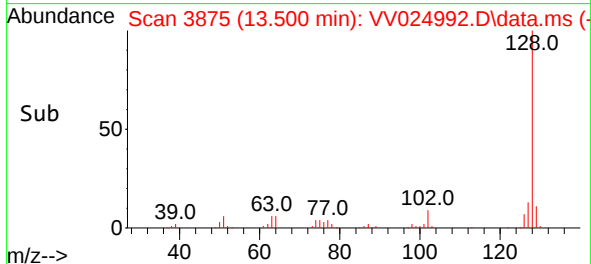
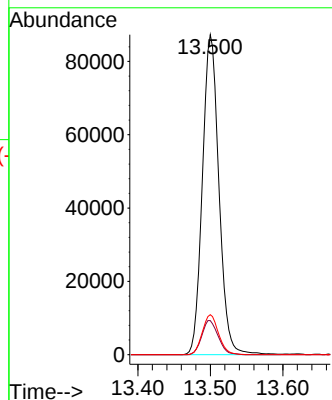
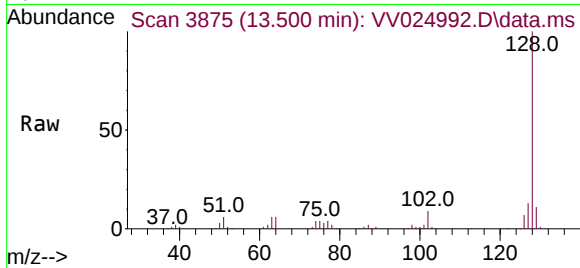




#71
Naphthalene
Concen: 4.853 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV024992.D
Acq: 15 Mar 2022 12:24

Instrument :
MSVOA_V
ClientSampleId :
VSTD005221

Tgt Ion:128 Resp: 138222
Ion Ratio Lower Upper
128 100
129 10.6 8.5 12.7
127 12.3 9.8 14.8



#72
1,2,3-Trichlorobenzene
Concen: 5.039 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV024992.D
Acq: 15 Mar 2022 12:24

Tgt Ion:180 Resp: 73235
Ion Ratio Lower Upper
180 100
182 93.5 74.8 112.2
145 34.5 27.6 41.4

