

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031522\
 Data File : VW024994.D
 Acq On : 15 Mar 2022 13:11
 Operator : SY/MD
 Sample : VSTD02023
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD020223

Quant Time: Mar 16 02:57:12 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	193668	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	180230	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	87163	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	284016	18.576	ug/L	0.00
7) Chloroethane-d5	1.568	69	210798	18.827	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	475271	19.233	ug/L	0.00
20) 2-Butanone-d5	3.899	46	445125	274.904	ug/L	0.00
24) Chloroform-d	4.349	84	496771	19.590	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.031	65	203347	19.180	ug/L	0.00
32) Benzene-d6	5.050	84	1015295	19.419	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	288535	19.192	ug/L	0.00
41) Toluene-d8	7.314	98	923432	19.380	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.619	79	111276	21.232	ug/L	0.00
46) 2-Hexanone-d5	8.088	63	404552	226.297	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	170943	19.328	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	286380	19.408	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	361611	21.132	ug/L	98
3) Chloromethane	1.240	50	321197	19.903	ug/L	99
5) Vinyl chloride	1.311	62	348230	20.451	ug/L	100
6) Bromomethane	1.523	94	222864	20.254	ug/L	98
8) Chloroethane	1.584	64	209351	20.277	ug/L	99
9) Trichlorofluoromethane	1.754	101	479340	20.699	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	260603	20.753	ug/L	99
12) 1,1-Dichloroethene	2.118	96	250852	20.333	ug/L	96
13) Acetone	2.198	43	269078	250.453	ug/L	80
14) Carbon disulfide	2.291	76	942021	21.339	ug/L	100
15) Methyl Acetate	2.442	43	91937	25.601	ug/L #	88
16) Methylene chloride	2.507	84	298040	19.936	ug/L	99
17) Methyl tert-butyl Ether	2.770	73	598383	22.266	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	318882	21.477	ug/L	99
19) 1,1-Dichloroethane	3.188	63	534055	21.134	ug/L	99
21) 2-Butanone	3.982	43	501805	286.555	ug/L	83
22) cis-1,2-Dichloroethene	3.912	96	330180	22.026	ug/L	95
23) Bromochloromethane	4.246	128	131519	22.254	ug/L	98
25) Chloroform	4.375	83	549523	20.886	ug/L	98
27) 1,2-Dichloroethane	5.130	62	277729	21.229	ug/L	100
29) 1,1,1-Trichloroethane	4.606	97	493116	21.455	ug/L	99
30) Cyclohexane	4.677	56	494683	22.121	ug/L	99
31) Carbon tetrachloride	4.828	117	430820	21.848	ug/L	100
33) Benzene	5.098	78	1236430	21.092	ug/L	100
34) Trichloroethene	5.912	95	332902	21.328	ug/L	99
35) Methylcyclohexane	6.130	83	551946	22.338	ug/L	99
37) 1,2-Dichloropropane	6.172	63	290210	21.542	ug/L	100
38) Bromodichloromethane	6.510	83	370539	21.750	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	439839	23.515	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	1234571	222.716	ug/L	98
42) Toluene	7.384	91	1312893	21.400	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	348991	23.712	ug/L	97

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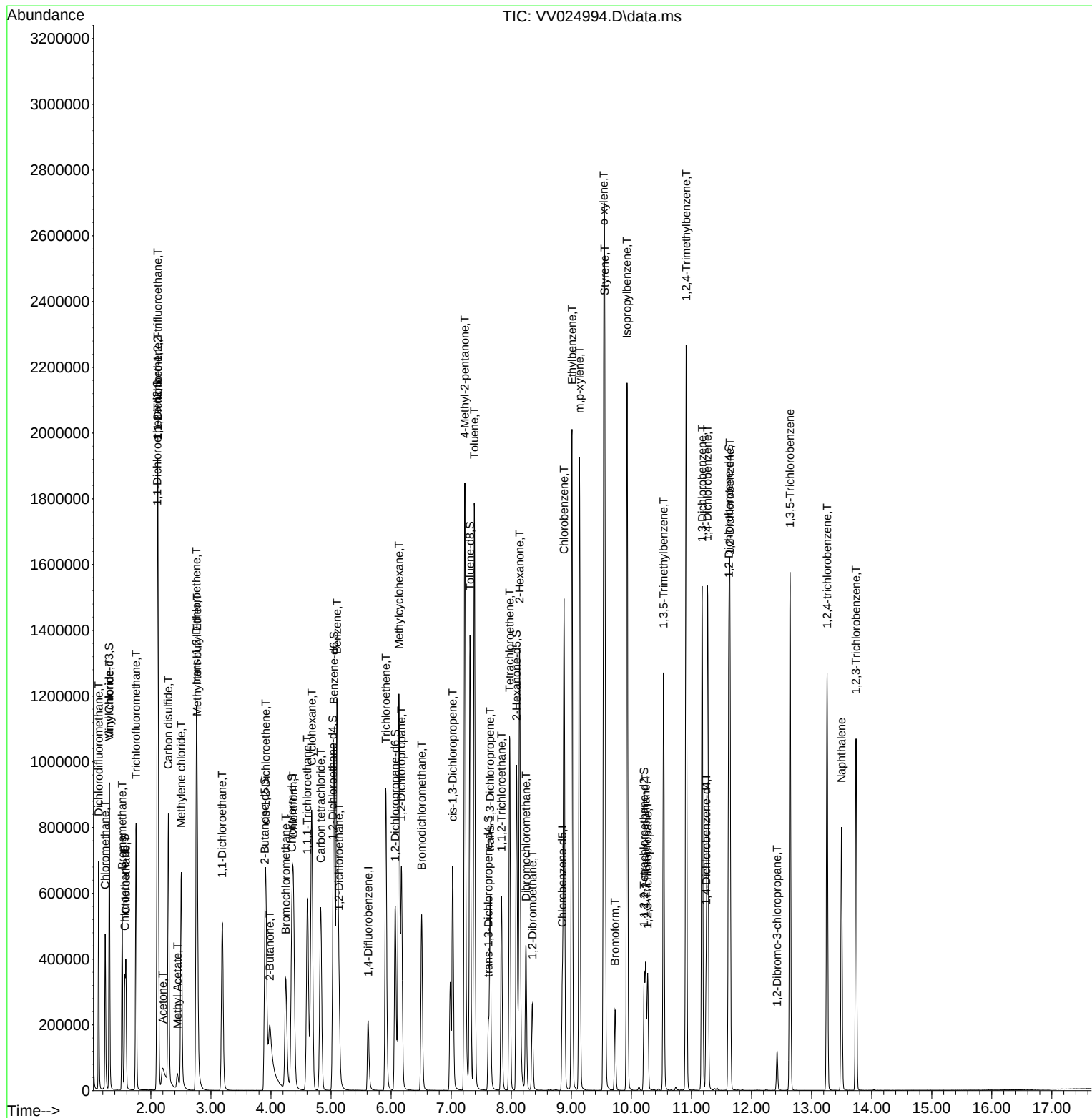
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.838	97	190338	21.155	ug/L	99
47) Tetrachloroethene	7.973	164	230497	20.991	ug/L	97
48) 2-Hexanone	8.140	43	835934	212.712	ug/L	96
49) Dibromochloromethane	8.246	129	227821	22.619	ug/L	99
50) 1,2-Dibromoethane	8.352	107	177447	21.549	ug/L	100
51) Chlorobenzene	8.879	112	811779	21.131	ug/L	99
52) Ethylbenzene	9.011	91	1423404	21.933	ug/L	100
53) m,p-xylene	9.137	106	552248	22.096	ug/L	98
54) o-xylene	9.542	106	532553	22.283	ug/L	97
55) Styrene	9.558	104	883657	22.702	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	188280	21.344	ug/L	98
59) Bromoform	9.728	173	105567	22.487	ug/L	97
60) Isopropylbenzene	9.928	105	1421261	21.622	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	147563	20.130	ug/L	98
62) 1,3,5-Trimethylbenzene	10.535	105	686009	22.999	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	1221408	23.121	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	607305	21.299	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	595053	20.702	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	531861	21.051	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	30484	24.259	ug/L	97
69) 1,3,5-Trichlorobenzene	12.641	180	448576	22.272	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	362176	23.079	ug/L	99
71) Naphthalene	13.497	128	624436	23.963	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	303389	22.817	ug/L	99

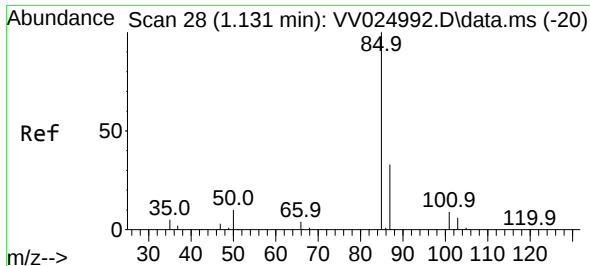
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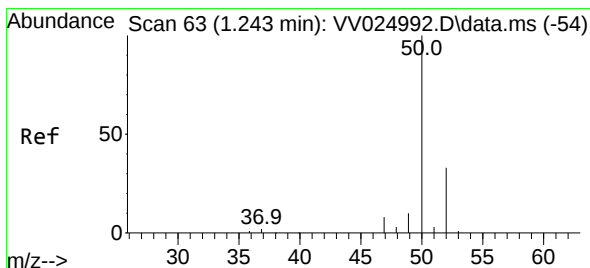
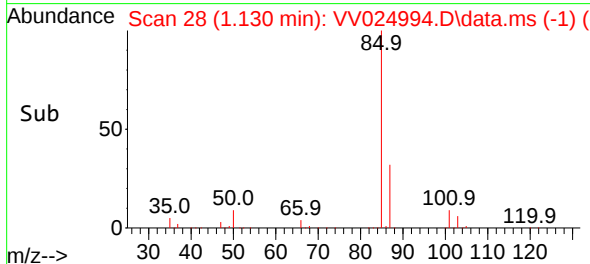
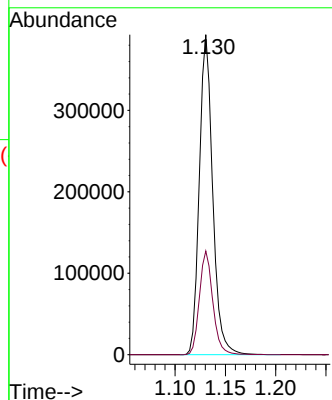
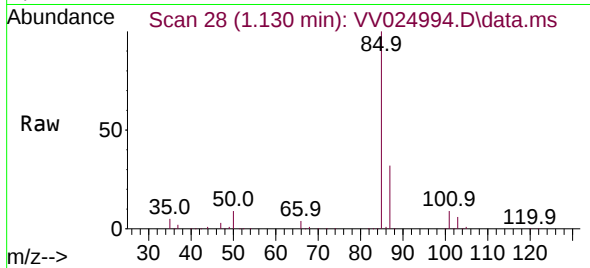




#2
Dichlorodifluoromethane
Concen: 21.132 ug/L
RT: 1.130 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV024994.D
Acq: 15 Mar 2022 13:11

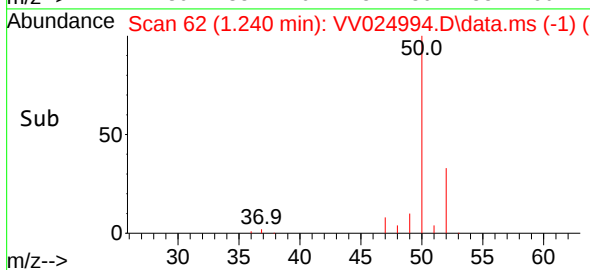
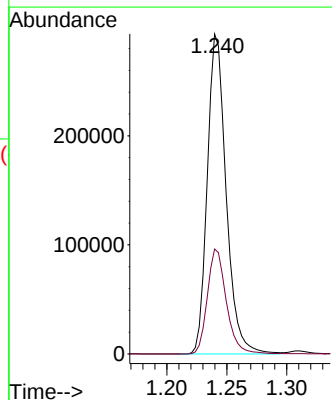
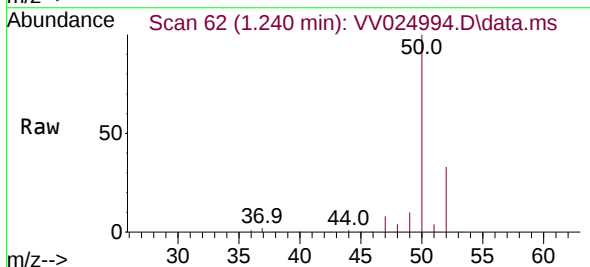
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ClientSampleId :
VSTD020223

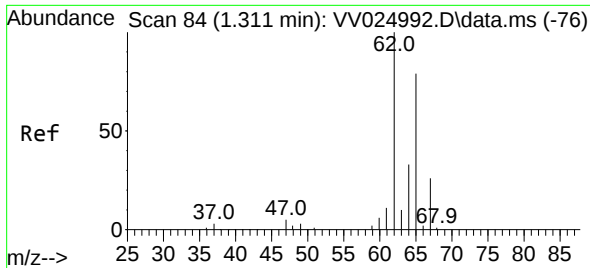
Tgt Ion: 85 Resp: 361611
Ion Ratio Lower Upper
85 100
87 32.5 26.7 40.1



#3
Chloromethane
Concen: 19.903 ug/L
RT: 1.240 min Scan# 62
Delta R.T. -0.003 min
Lab File: VV024994.D
Acq: 15 Mar 2022 13:11

Tgt Ion: 50 Resp: 321197
Ion Ratio Lower Upper
50 100
52 32.8 23.2 43.2

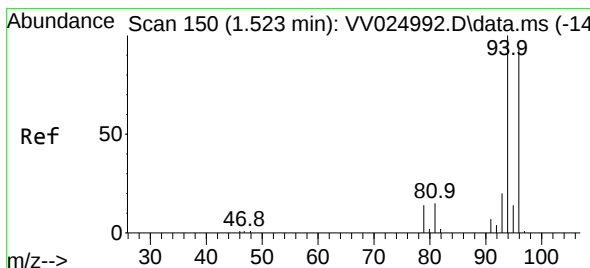
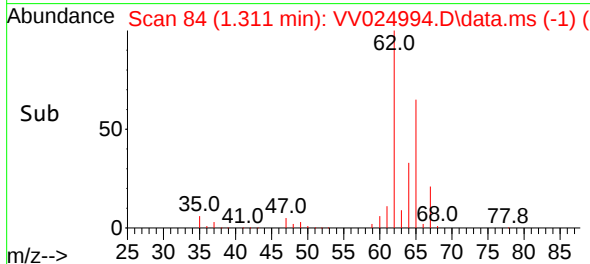
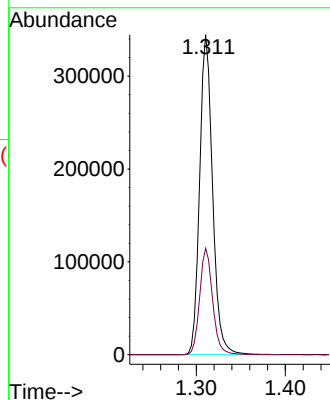
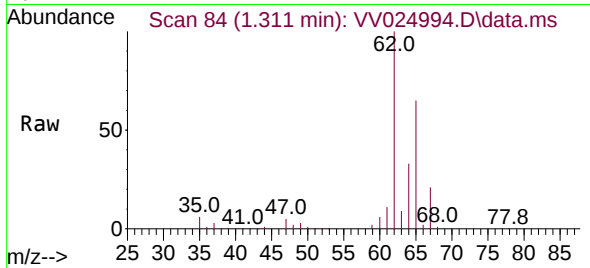




#5
 Vinyl chloride
 Concen: 20.451 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV024994.D
 Acq: 15 Mar 2022 13:11

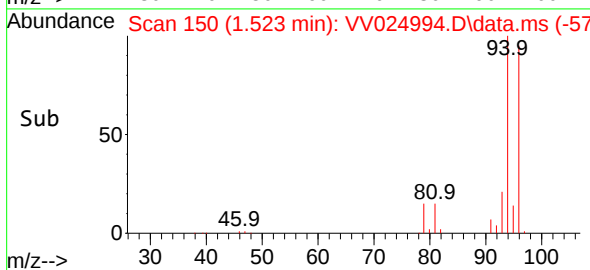
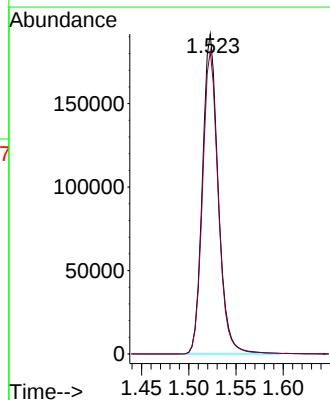
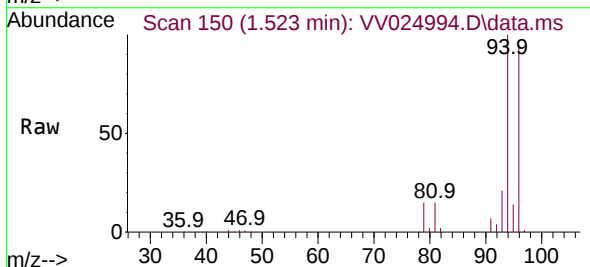
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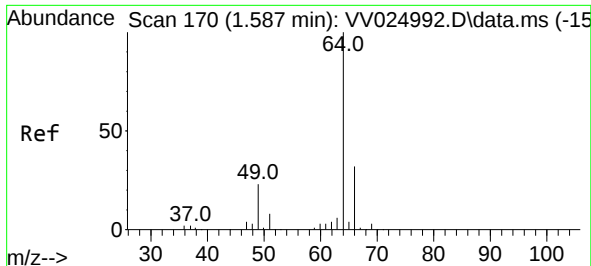
Tgt Ion: 62 Resp: 348230
 Ion Ratio Lower Upper
 62 100
 64 33.3 23.4 43.4



#6
 Bromomethane
 Concen: 20.254 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.000 min
 Lab File: VV024994.D
 Acq: 15 Mar 2022 13:11

Tgt Ion: 94 Resp: 222864
 Ion Ratio Lower Upper
 94 100
 96 94.7 64.9 120.5

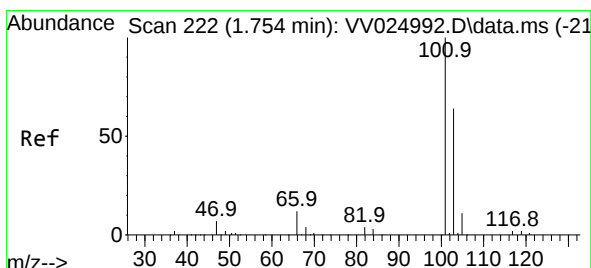
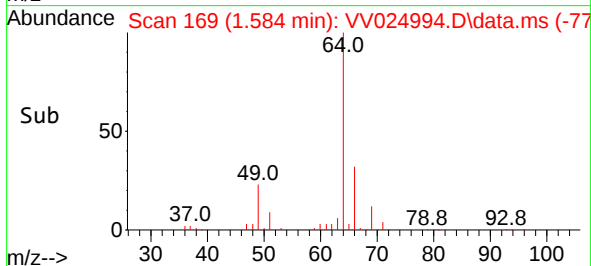
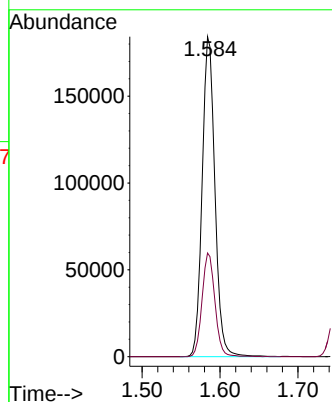
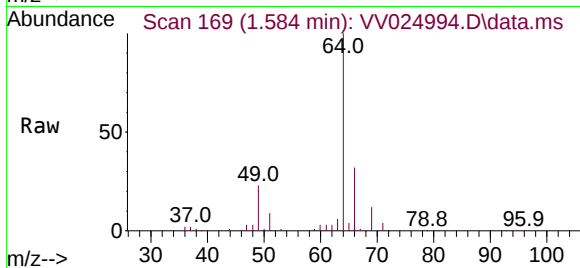




#8
Chloroethane
Concen: 20.277 ug/L
RT: 1.584 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV024994.D
Acq: 15 Mar 2022 13:11

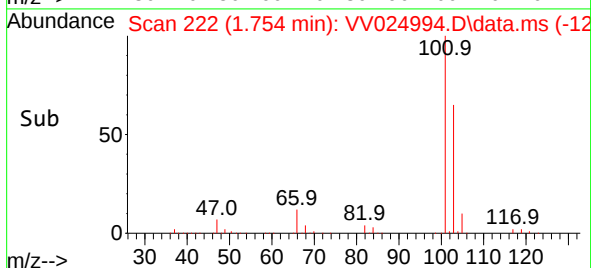
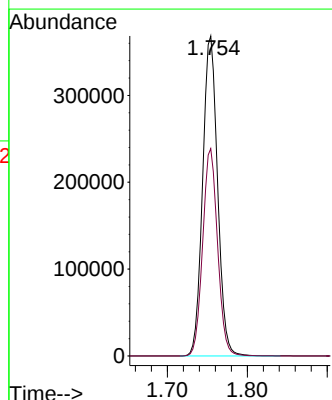
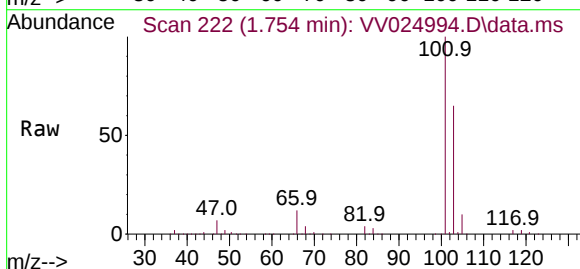
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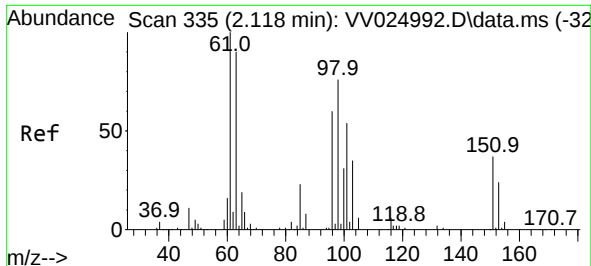
Tgt Ion: 64 Resp: 209351
Ion Ratio Lower Upper
64 100
66 32.4 22.5 41.7



#9
Trichlorofluoromethane
Concen: 20.699 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.000 min
Lab File: VV024994.D
Acq: 15 Mar 2022 13:11

Tgt Ion: 101 Resp: 479340
Ion Ratio Lower Upper
101 100
103 64.5 51.5 77.3

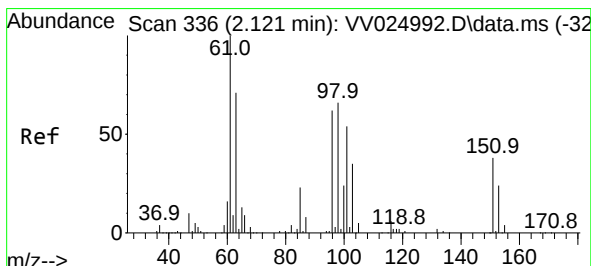
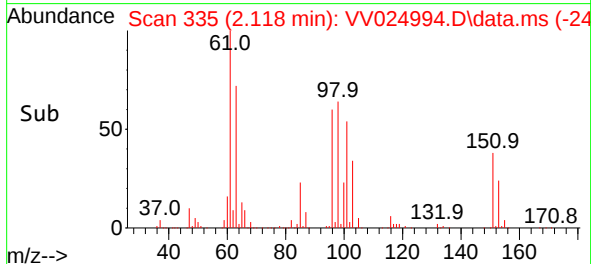
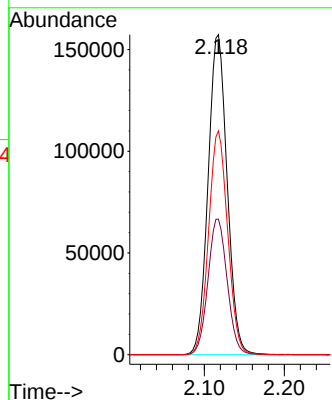
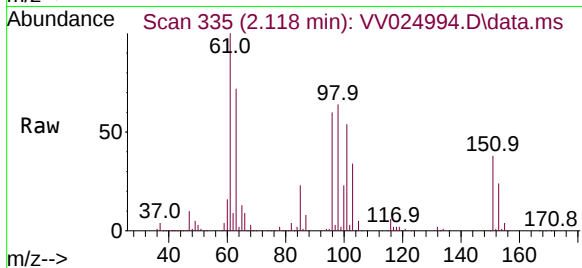




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 20.753 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. -0.000 min
 Lab File: VV024994.D
 Acq: 15 Mar 2022 13:11

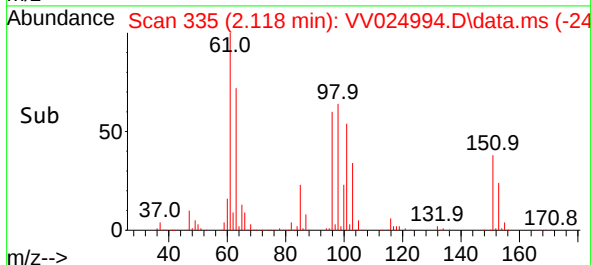
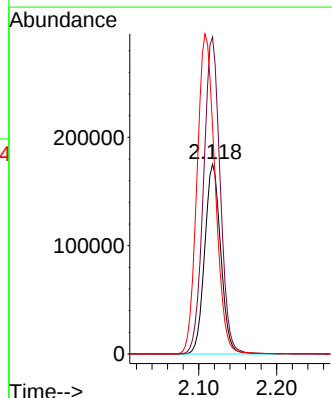
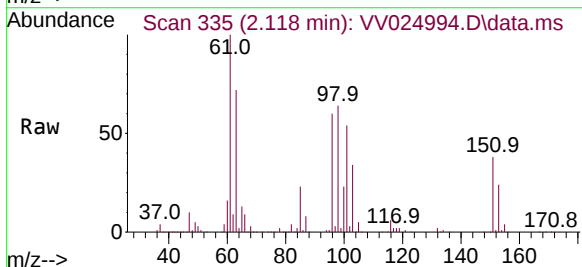
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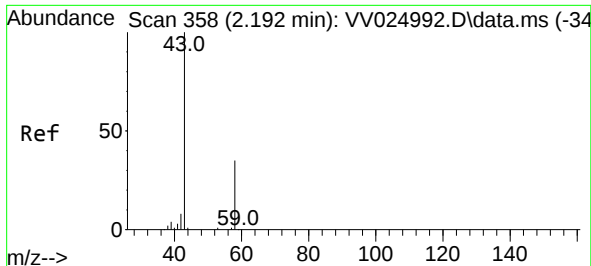
Tgt Ion:101 Resp: 260603
 Ion Ratio Lower Upper
 101 100
 85 42.7 34.8 52.2
 151 70.0 55.6 83.4



#12
 1,1-Dichloroethene
 Concen: 20.333 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. -0.003 min
 Lab File: VV024994.D
 Acq: 15 Mar 2022 13:11

Tgt Ion: 96 Resp: 250852
 Ion Ratio Lower Upper
 96 100
 61 167.1 113.0 209.9
 63 120.5 82.1 152.5

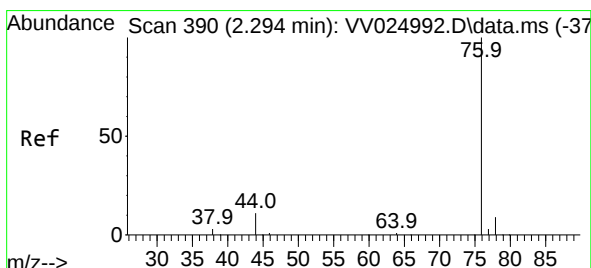
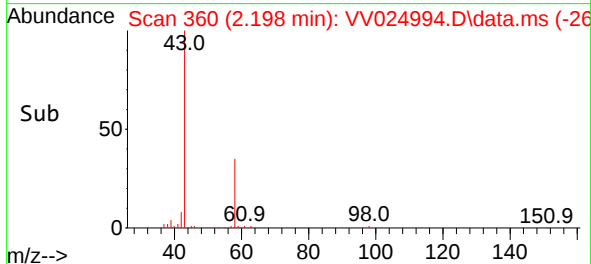
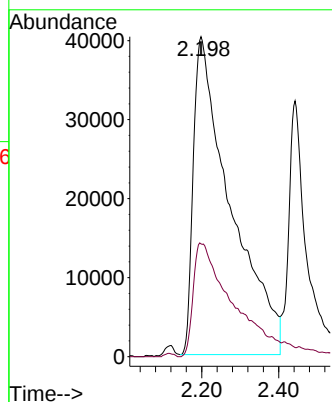
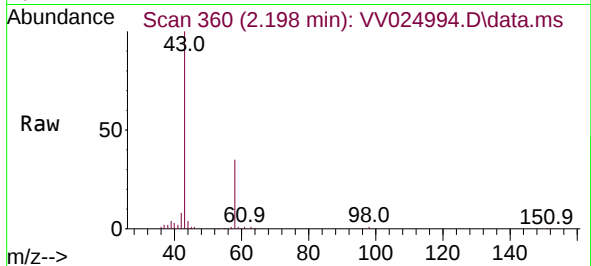




#13
Acetone
Concen: 250.453 ug/L
RT: 2.198 min Scan# 30
Delta R.T. 0.006 min
Lab File: VV024994.D
Acq: 15 Mar 2022 13:11

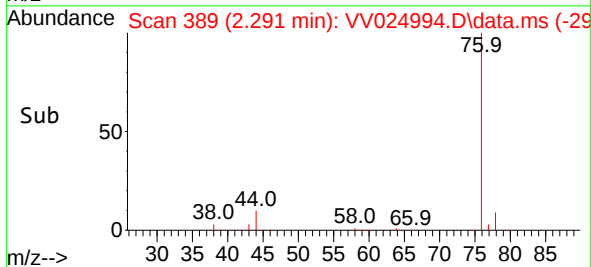
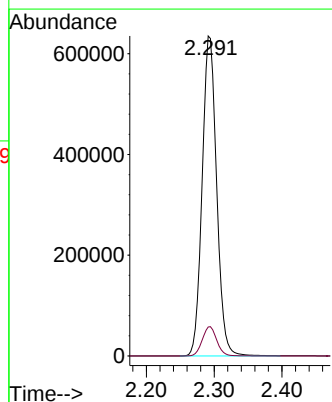
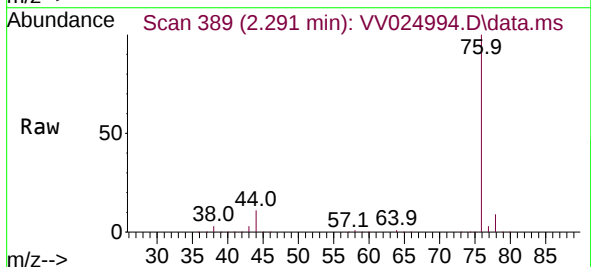
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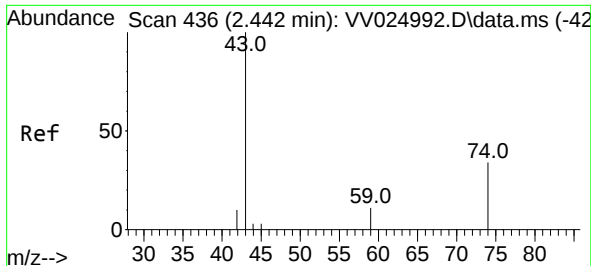
Tgt Ion: 43 Resp: 269078
Ion Ratio Lower Upper
43 100
58 37.6 0.0 54.2



#14
Carbon disulfide
Concen: 21.339 ug/L
RT: 2.291 min Scan# 389
Delta R.T. -0.003 min
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Acq: 15 Mar 2022 13:11

Tgt Ion: 76 Resp: 942021
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0

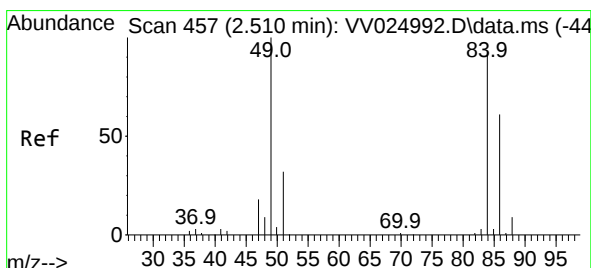
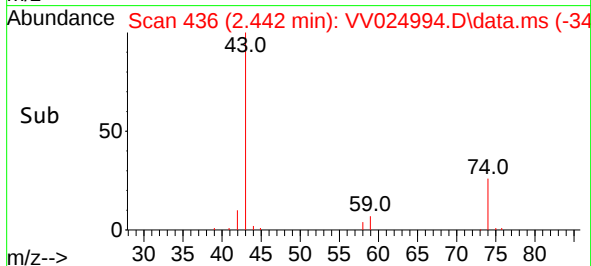
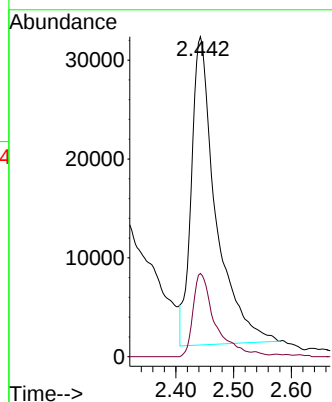
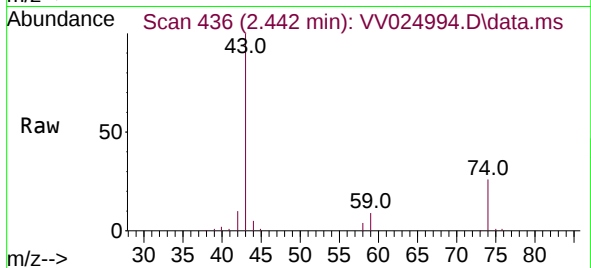




#15
Methyl Acetate
Concen: 25.601 ug/L
RT: 2.442 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV024994.D
Acq: 15 Mar 2022 13:11

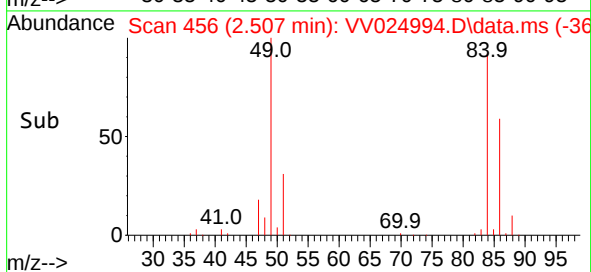
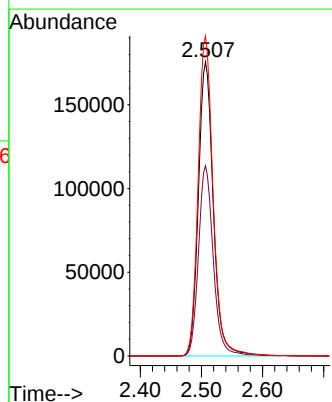
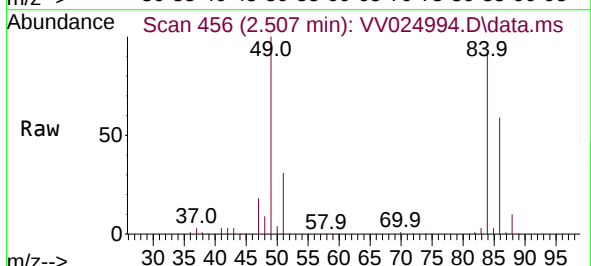
Instrument :
MSVOA_V
ClientSampleId :
VSTD020223

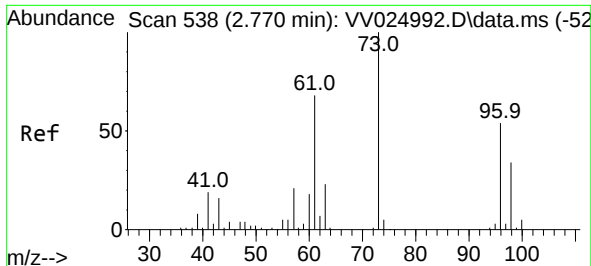
Tgt Ion: 43 Resp: 91937
Ion Ratio Lower Upper
43 100
74 23.9 24.2 36.4#



#16
Methylene chloride
Concen: 19.936 ug/L
RT: 2.507 min Scan# 456
Delta R.T. -0.003 min
Lab File: VV024994.D
Acq: 15 Mar 2022 13:11

Tgt Ion: 84 Resp: 298040
Ion Ratio Lower Upper
84 100
86 64.7 45.5 84.5
49 108.8 75.0 139.2

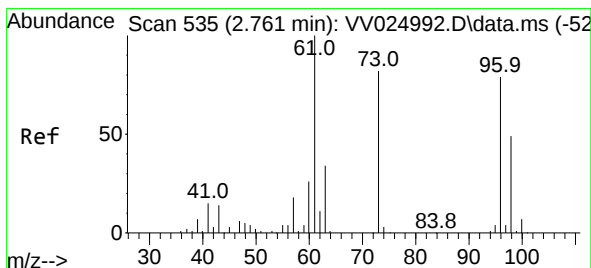
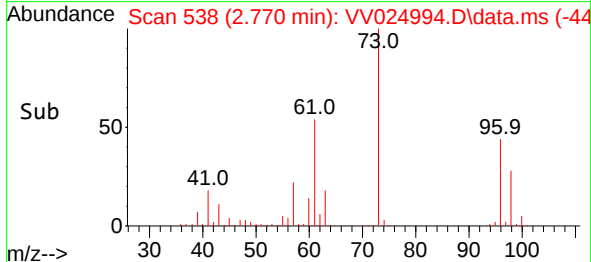
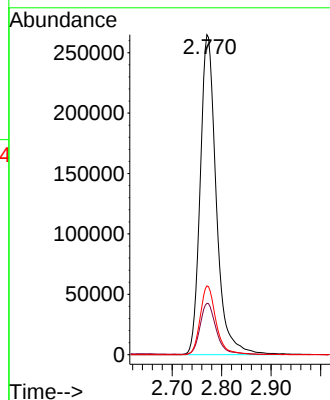
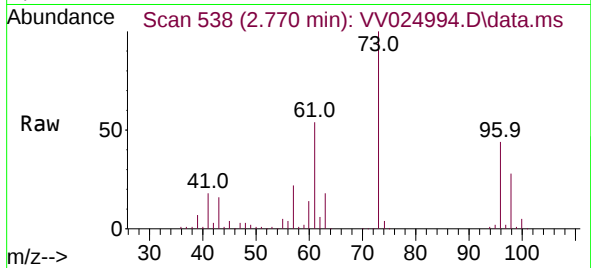




#17
Methyl tert-butyl Ether
Concen: 22.266 ug/L
RT: 2.770 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV024994.D
Acq: 15 Mar 2022 13:11

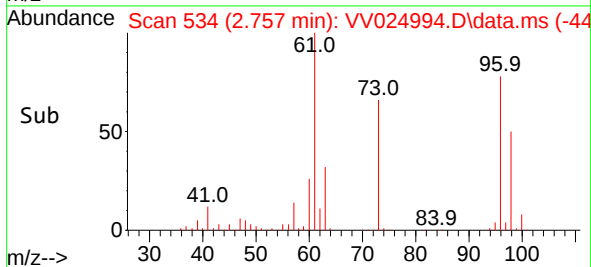
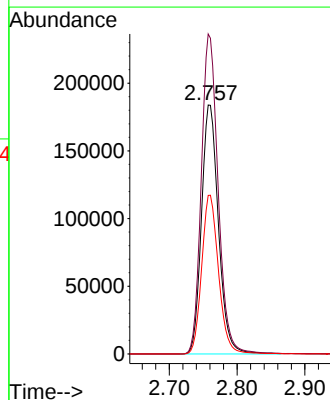
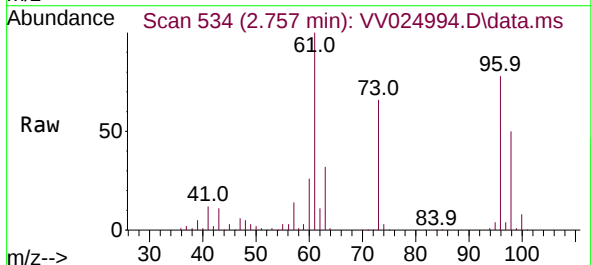
Instrument :
MSVOA_V
ClientSampleId :
VSTD020223

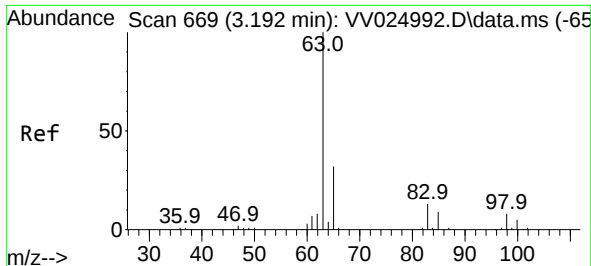
Tgt Ion: 73 Resp: 598383
Ion Ratio Lower Upper
73 100
43 15.9 13.2 19.8
57 21.2 16.7 25.1



#18
trans-1,2-Dichloroethene
Concen: 21.477 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.003 min
Lab File: VV024994.D
Acq: 15 Mar 2022 13:11

Tgt Ion: 96 Resp: 318882
Ion Ratio Lower Upper
96 100
61 128.5 89.2 165.6
98 63.7 43.9 81.5





#19

1,1-Dichloroethane

Concen: 21.134 ug/L

RT: 3.188 min Scan# 6

Delta R.T. -0.003 min

Lab File: VV024994.D

Acq: 15 Mar 2022 13:11

Instrument :

MSVOA_V

ClientSampleId :

VSTD020223

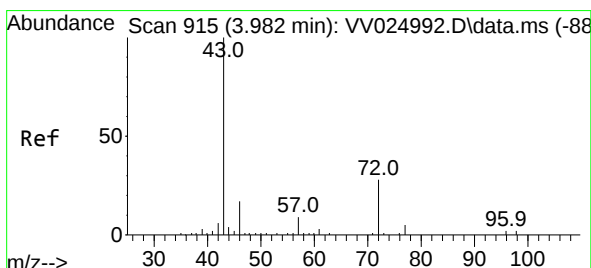
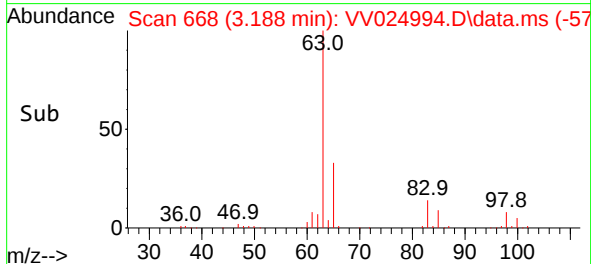
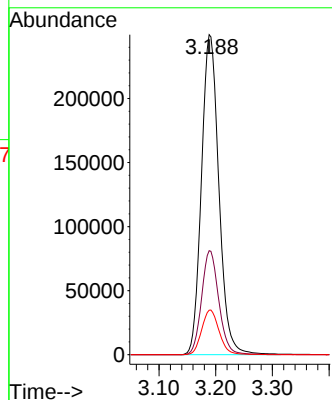
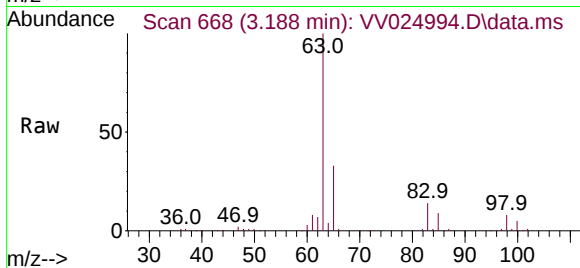
Tgt Ion: 63 Resp: 534055

Ion Ratio Lower Upper

63 100

65 32.5 22.2 41.2

83 13.9 9.4 17.4



#21

2-Butanone

Concen: 286.555 ug/L

RT: 3.982 min Scan# 915

Delta R.T. -0.000 min

Lab File: VV024994.D

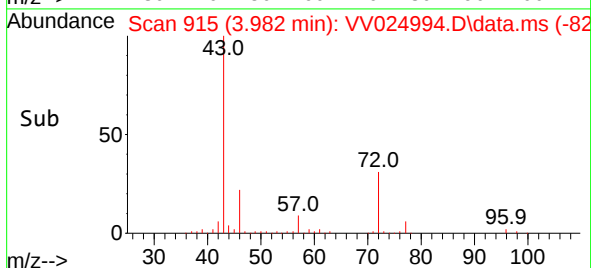
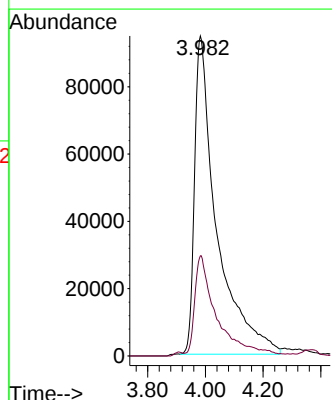
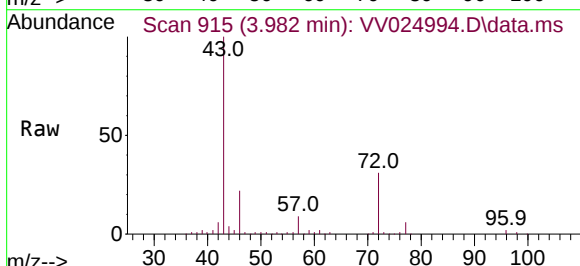
Acq: 15 Mar 2022 13:11

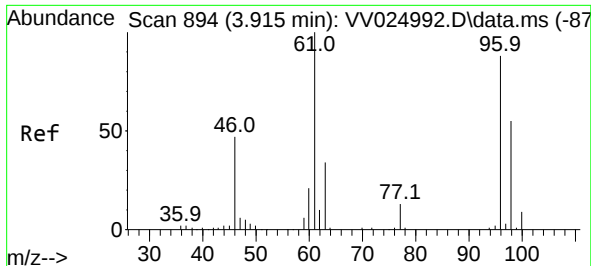
Tgt Ion: 43 Resp: 501805

Ion Ratio Lower Upper

43 100

72 28.5 10.4 31.2

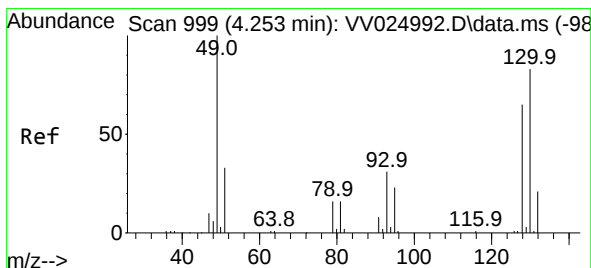
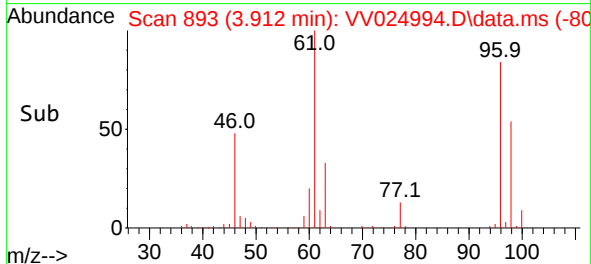
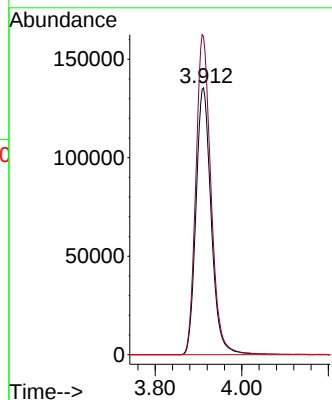
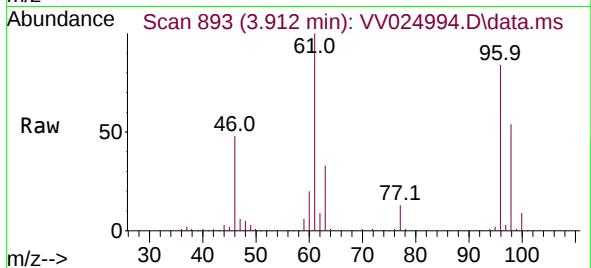




#22
 cis-1,2-Dichloroethene
 Concen: 22.026 ug/L
 RT: 3.912 min Scan# 894
 Delta R.T. -0.003 min
 Lab File: VV024994.D
 Acq: 15 Mar 2022 13:11

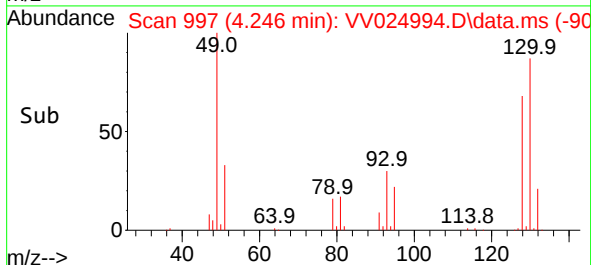
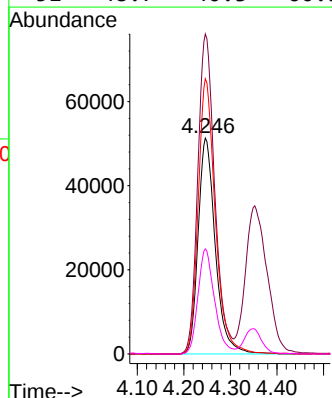
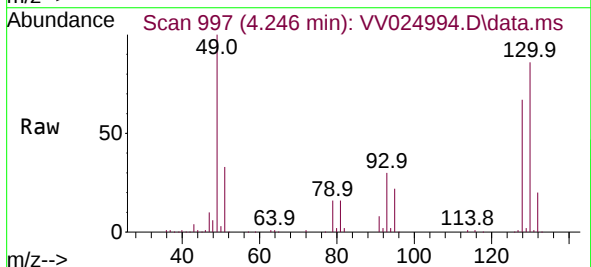
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD020223

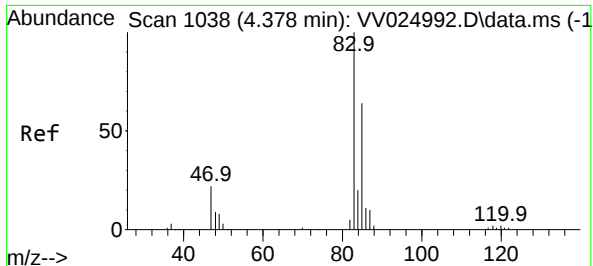
Tgt Ion: 96 Resp: 330180
 Ion Ratio Lower Upper
 96 100
 61 119.1 79.7 147.9
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 22.254 ug/L
 RT: 4.246 min Scan# 997
 Delta R.T. -0.006 min
 Lab File: VV024994.D
 Acq: 15 Mar 2022 13:11

Tgt Ion:128 Resp: 131519
 Ion Ratio Lower Upper
 128 100
 49 148.3 107.5 199.7
 130 127.5 89.4 166.0
 51 48.7 40.3 60.5

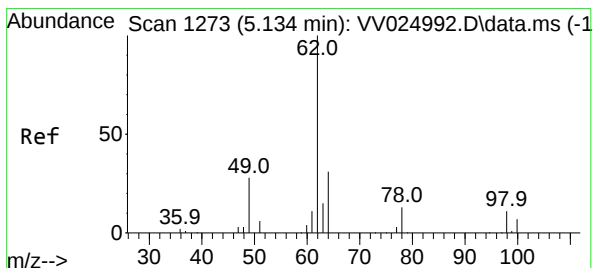
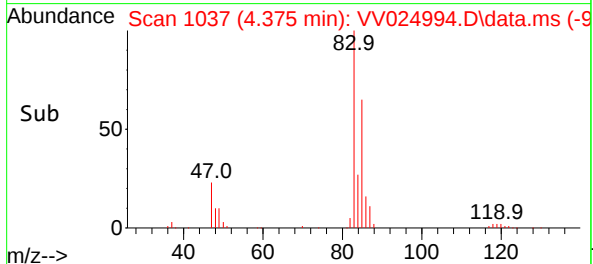
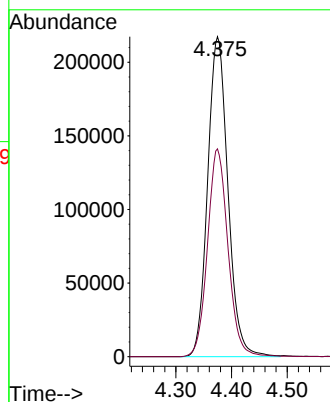
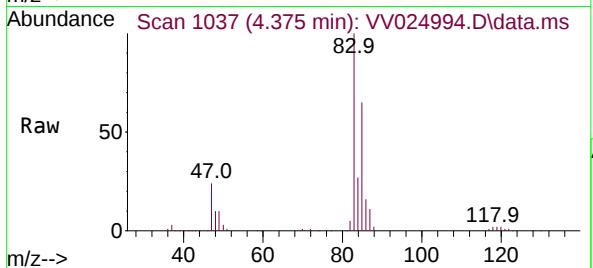




#25
Chloroform
Concen: 20.886 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. -0.003 min
Lab File: VV024994.D
Acq: 15 Mar 2022 13:11

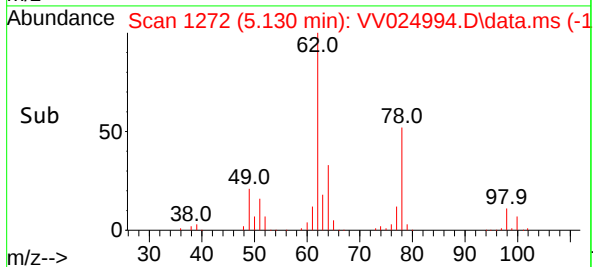
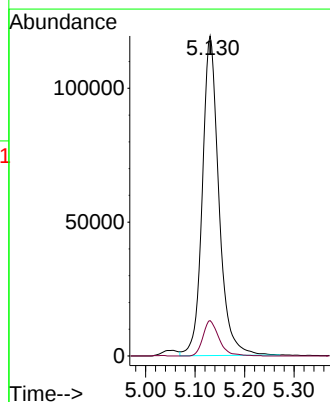
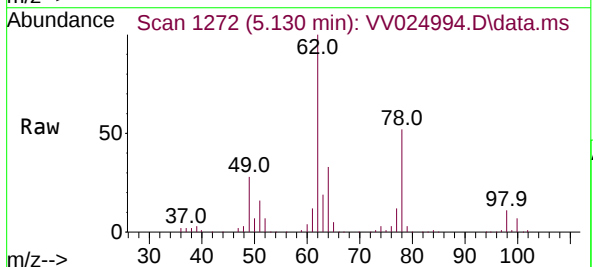
Instrument :
MSVOA_V
ClientSampleId :
VSTD020223

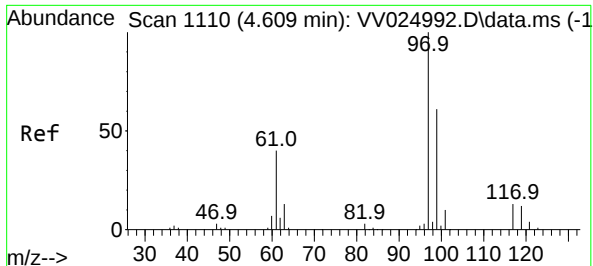
Tgt Ion: 83 Resp: 549523
Ion Ratio Lower Upper
83 100
85 64.9 44.5 82.7



#27
1,2-Dichloroethane
Concen: 21.229 ug/L
RT: 5.130 min Scan# 1272
Delta R.T. -0.003 min
Lab File: VV024994.D
Acq: 15 Mar 2022 13:11

Tgt Ion: 62 Resp: 277729
Ion Ratio Lower Upper
62 100
98 11.1 9.0 13.4





#29

1,1,1-Trichloroethane

Concen: 21.455 ug/L

RT: 4.606 min Scan# 1110

Delta R.T. -0.003 min

Lab File: VV024994.D

Acq: 15 Mar 2022 13:11

Instrument :

MSVOA_V

ClientSampleId :

VSTD020223

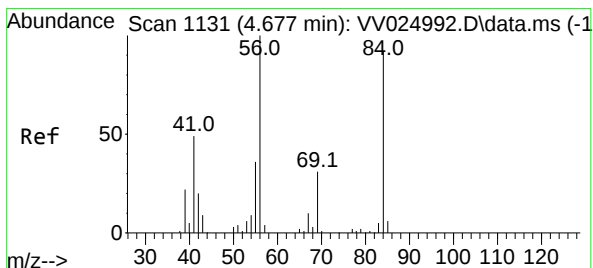
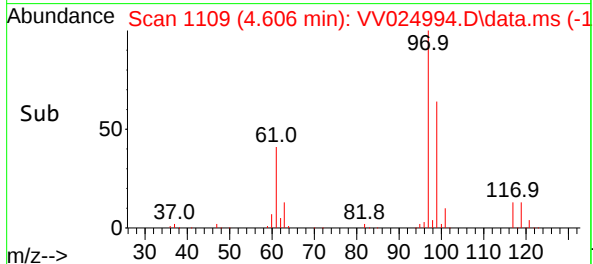
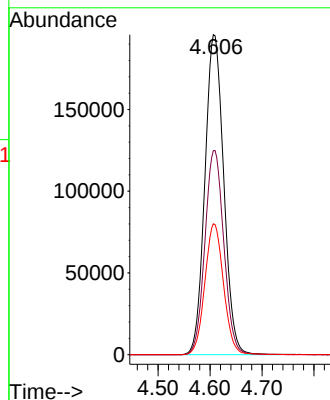
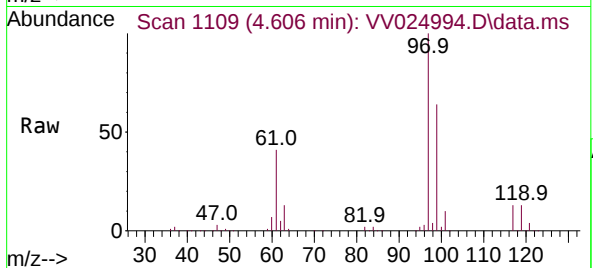
Tgt Ion: 97 Resp: 493116

Ion Ratio Lower Upper

97 100

99 64.1 50.7 76.1

61 40.7 32.4 48.6



#30

Cyclohexane

Concen: 22.121 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VV024994.D

Acq: 15 Mar 2022 13:11

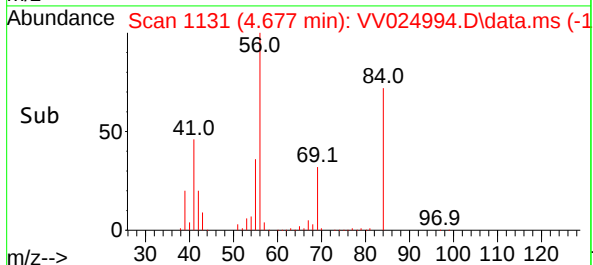
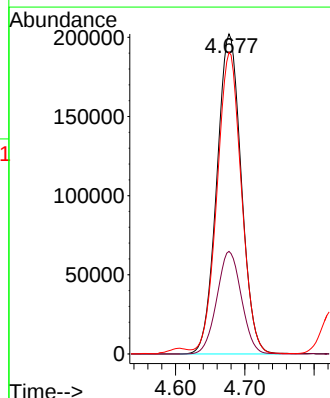
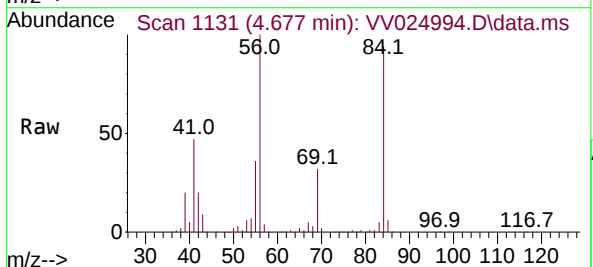
Tgt Ion: 56 Resp: 494683

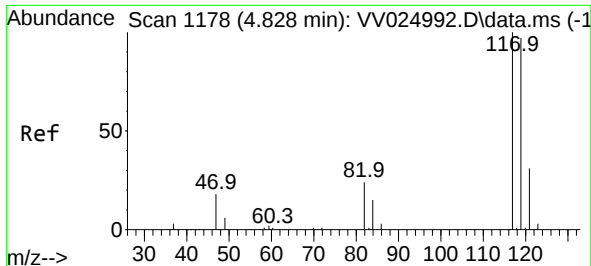
Ion Ratio Lower Upper

56 100

69 32.2 24.9 37.3

84 94.1 75.9 113.9

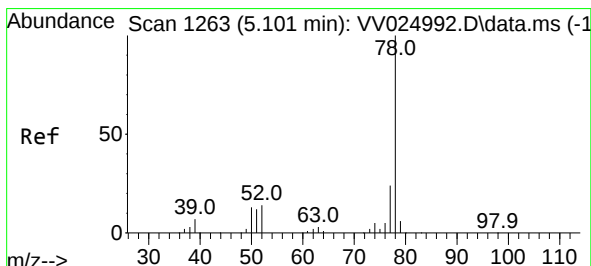
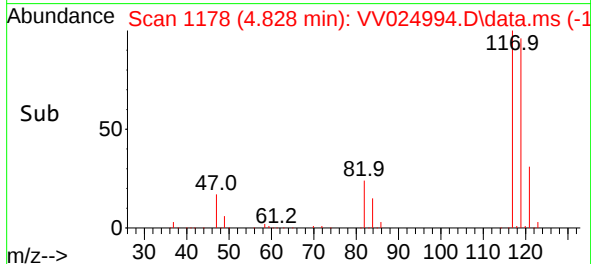
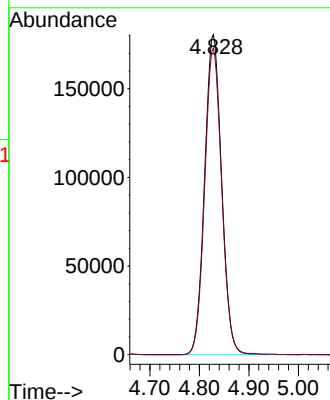
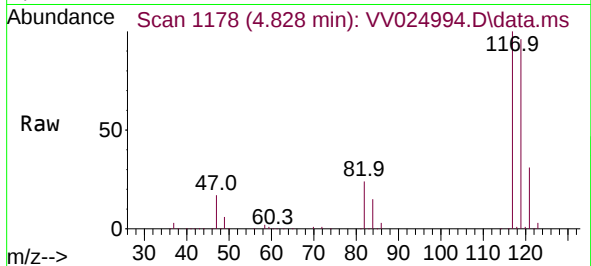




#31
Carbon tetrachloride
Concen: 21.848 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VV024994.D
Acq: 15 Mar 2022 13:11

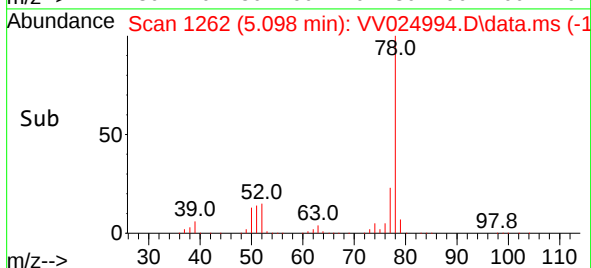
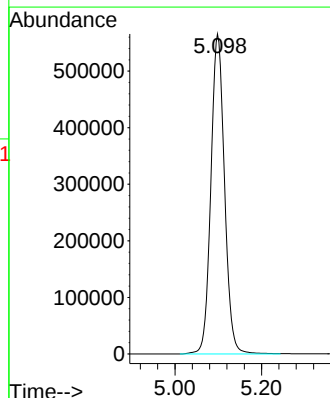
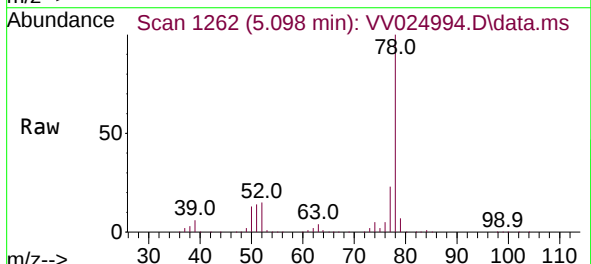
Instrument :
MSVOA_V
ClientSampleId :
VSTD020223

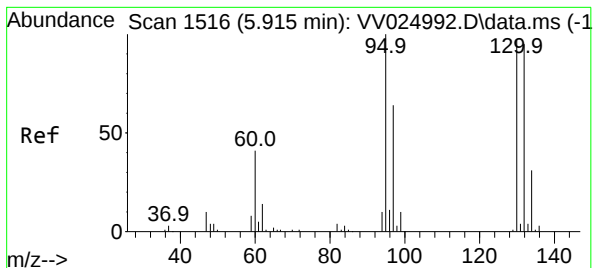
Tgt Ion:117 Resp: 430820
Ion Ratio Lower Upper
117 100
119 95.7 76.8 115.2



#33
Benzene
Concen: 21.092 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. -0.003 min
Lab File: VV024994.D
Acq: 15 Mar 2022 13:11

Tgt Ion: 78 Resp: 1236430





#34

Trichloroethene

Concen: 21.328 ug/L

RT: 5.912 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV024994.D

Acq: 15 Mar 2022 13:11

Instrument :

MSVOA_V

ClientSampleId :

VSTD020223

Tgt Ion: 95 Resp: 332902

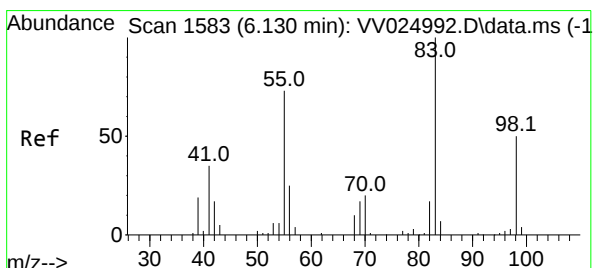
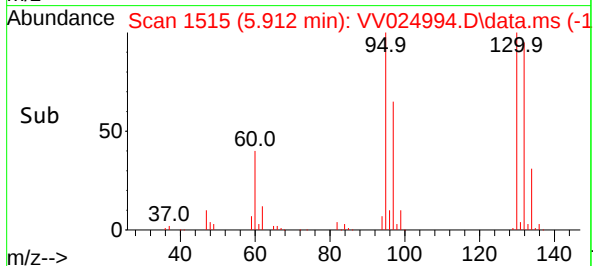
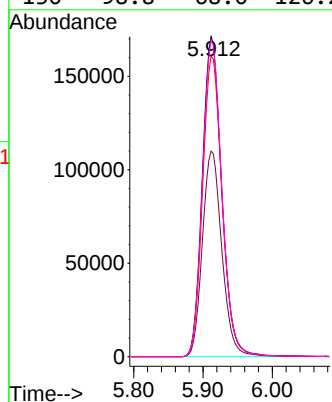
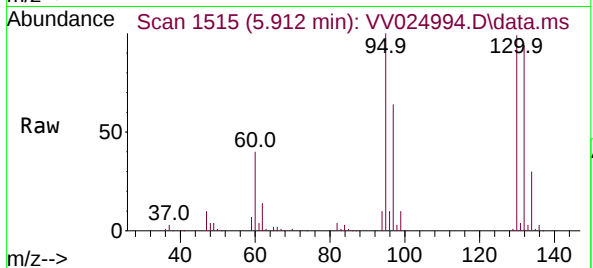
Ion Ratio Lower Upper

95 100

97 64.3 44.5 82.7

132 94.0 66.5 123.5

130 98.8 68.0 126.2



#35

Methylcyclohexane

Concen: 22.338 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. -0.000 min

Lab File: VV024994.D

Acq: 15 Mar 2022 13:11

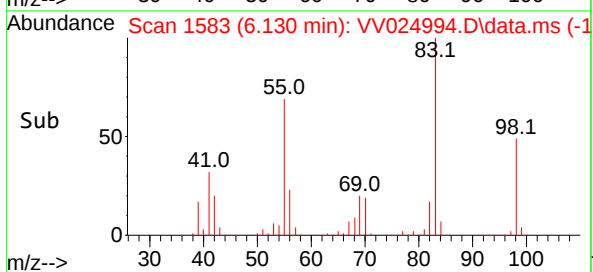
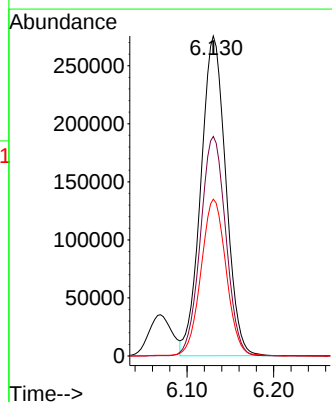
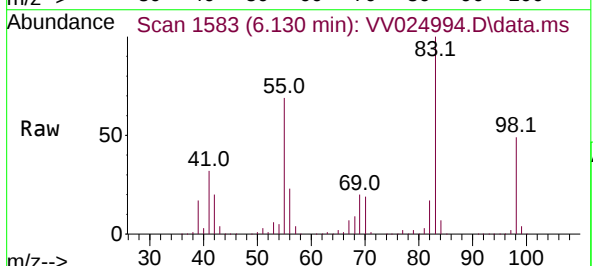
Tgt Ion: 83 Resp: 551946

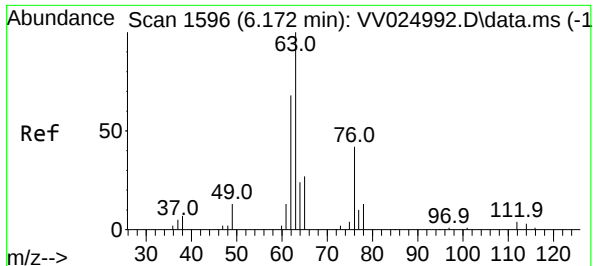
Ion Ratio Lower Upper

83 100

55 69.4 55.4 83.0

98 49.6 38.4 57.6





#37

1,2-Dichloropropane

Concen: 21.542 ug/L

RT: 6.172 min Scan# 1596

Delta R.T. -0.000 min

Lab File: VV024994.D

Acq: 15 Mar 2022 13:11

Instrument :

MSVOA_V

ClientSampleId :

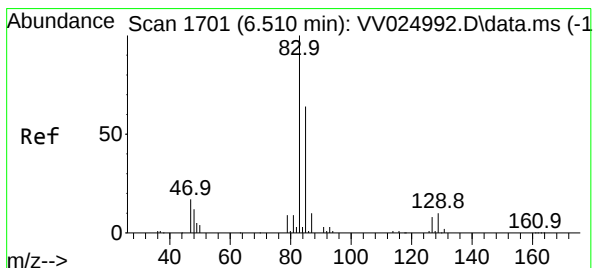
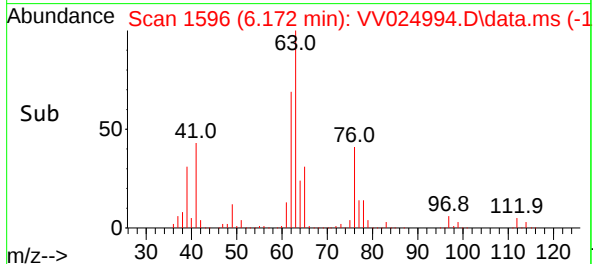
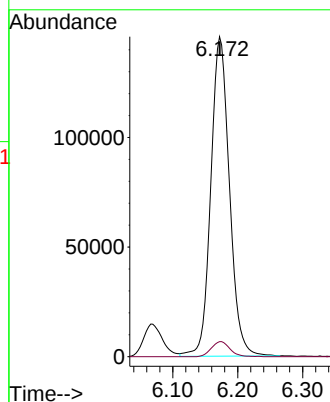
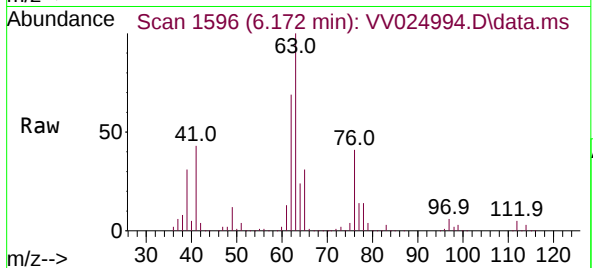
VSTD020223

Tgt Ion: 63 Resp: 290210

Ion Ratio Lower Upper

63 100

112 4.7 3.8 5.6



#38

Bromodichloromethane

Concen: 21.750 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VV024994.D

Acq: 15 Mar 2022 13:11

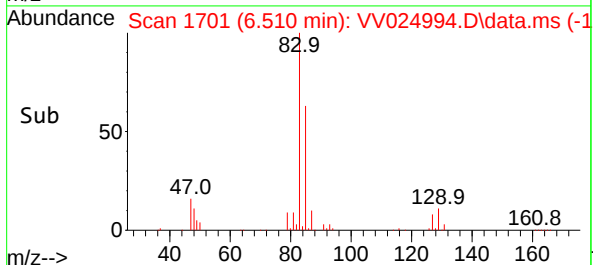
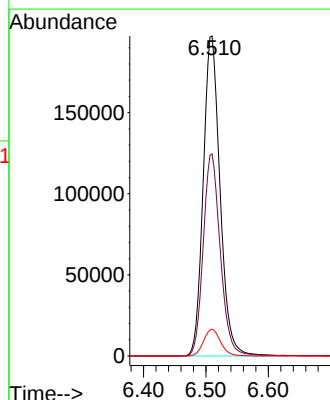
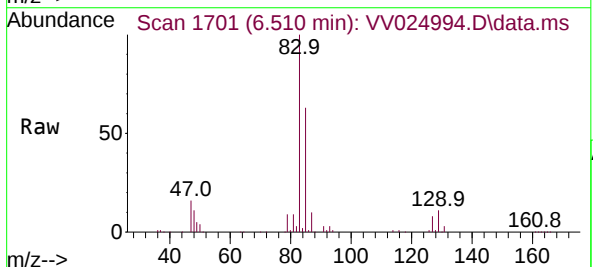
Tgt Ion: 83 Resp: 370539

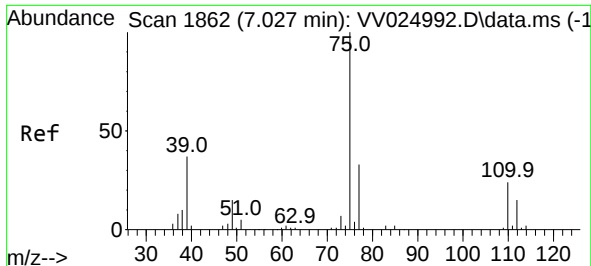
Ion Ratio Lower Upper

83 100

85 63.2 44.8 83.2

127 8.4 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 23.515 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. -0.003 min

Lab File: VV024994.D

Acq: 15 Mar 2022 13:11

Instrument :

MSVOA_V

ClientSampleId :

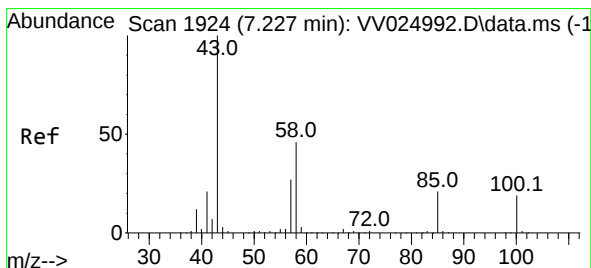
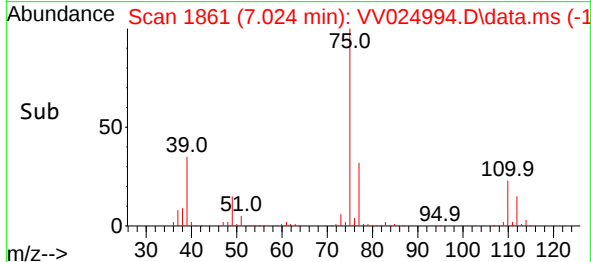
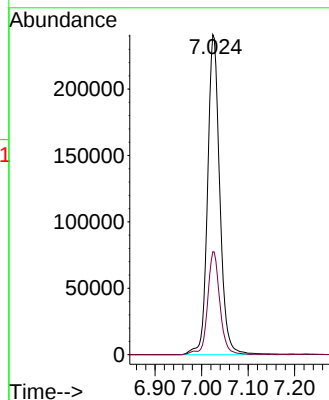
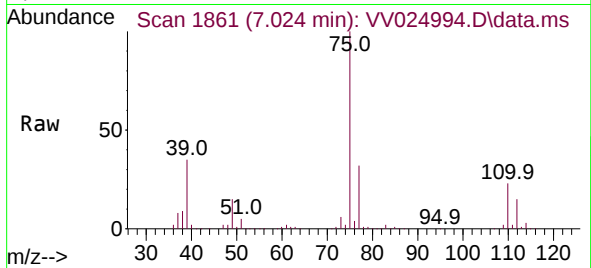
VSTD020223

Tgt Ion: 75 Resp: 439839

Ion Ratio Lower Upper

75 100

77 32.2 23.0 42.8



#40

4-Methyl-2-pentanone

Concen: 222.716 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VV024994.D

Acq: 15 Mar 2022 13:11

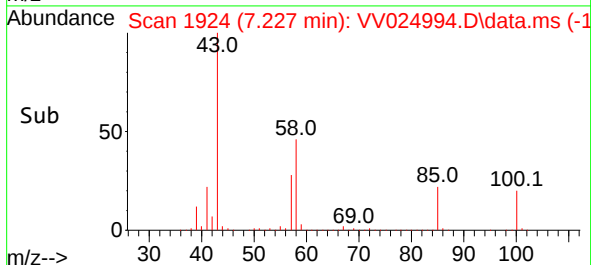
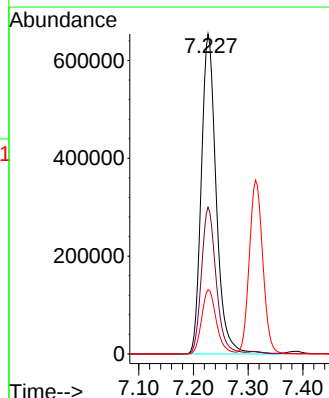
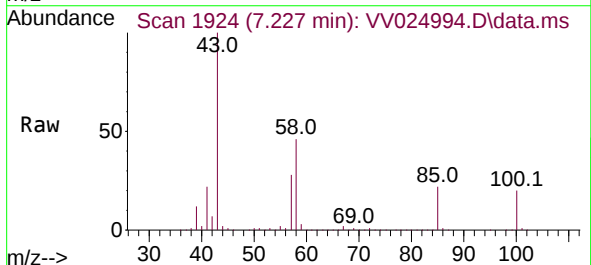
Tgt Ion: 43 Resp: 1234571

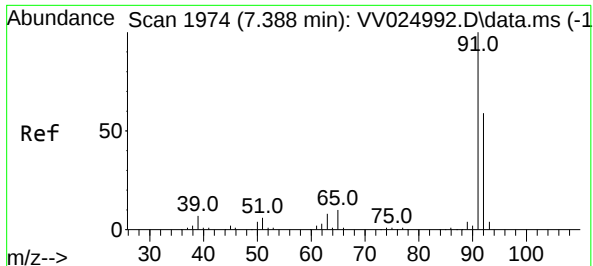
Ion Ratio Lower Upper

43 100

58 45.3 36.6 55.0

100 19.8 13.8 20.8





#42

Toluene

Concen: 21.400 ug/L

RT: 7.384 min Scan# 1974

Delta R.T. -0.003 min

Lab File: VV024994.D

Acq: 15 Mar 2022 13:11

Instrument :

MSVOA_V

ClientSampleId :

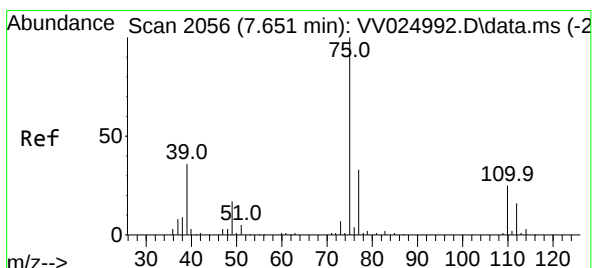
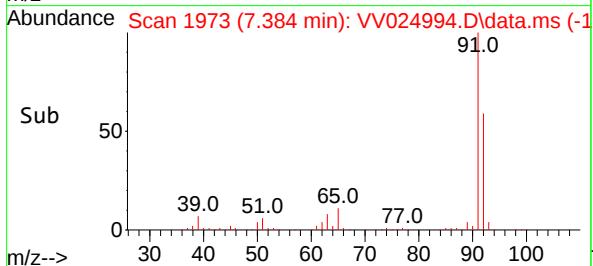
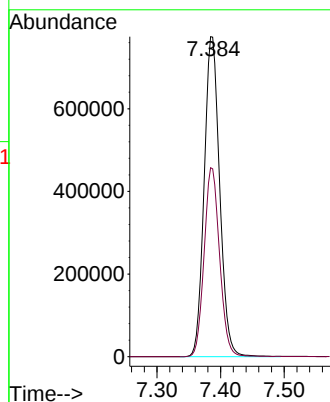
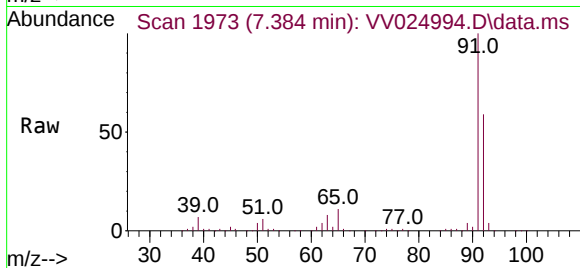
VSTD020223

Tgt Ion: 91 Resp: 1312893

Ion Ratio Lower Upper

91 100

92 59.0 41.2 76.4



#44

trans-1,3-Dichloropropene

Concen: 23.712 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. -0.003 min

Lab File: VV024994.D

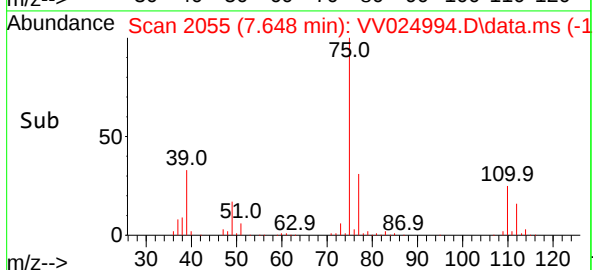
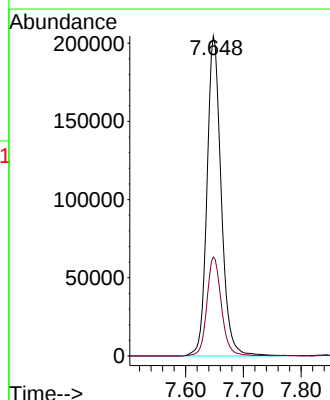
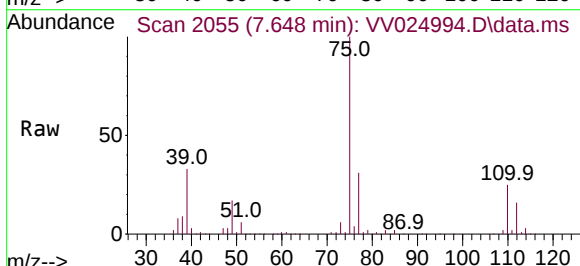
Acq: 15 Mar 2022 13:11

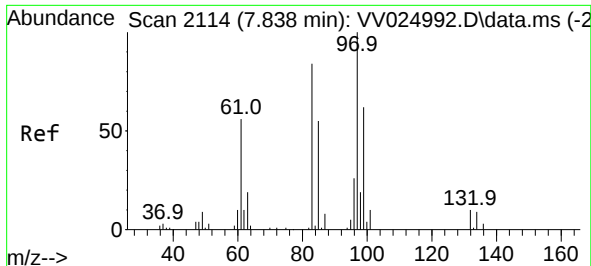
Tgt Ion: 75 Resp: 348991

Ion Ratio Lower Upper

75 100

77 31.0 23.0 42.6





#45

1,1,2-Trichloroethane

Concen: 21.155 ug/L

RT: 7.838 min Scan# 2114

Delta R.T. -0.000 min

Lab File: VV024994.D

Acq: 15 Mar 2022 13:11

Instrument :

MSVOA_V

ClientSampleId :

VSTD020223

Tgt Ion: 97 Resp: 190338

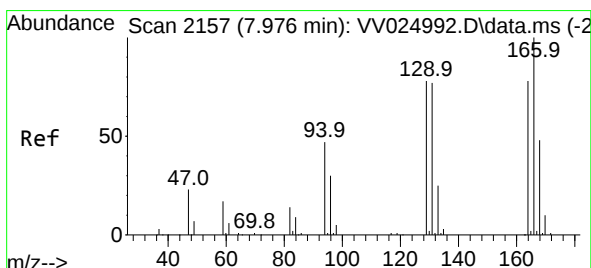
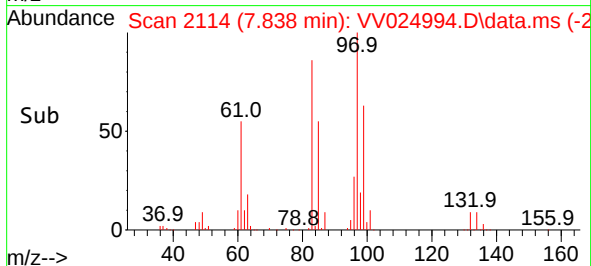
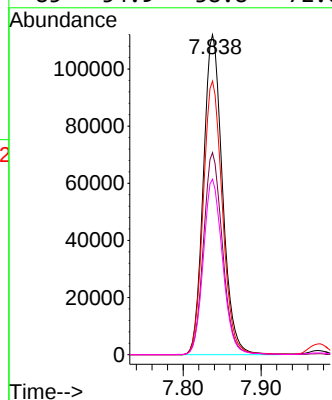
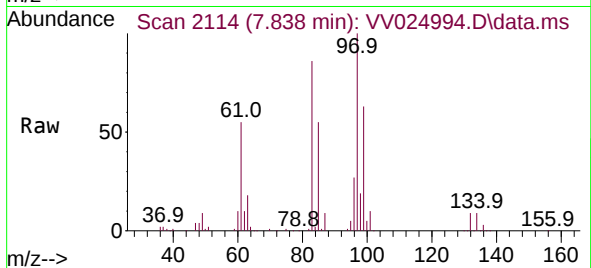
Ion Ratio Lower Upper

97 100

99 63.2 43.7 81.1

83 85.5 58.9 109.3

85 54.9 38.8 72.0



#47

Tetrachloroethene

Concen: 20.991 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.003 min

Lab File: VV024994.D

Acq: 15 Mar 2022 13:11

Tgt Ion: 164 Resp: 230497

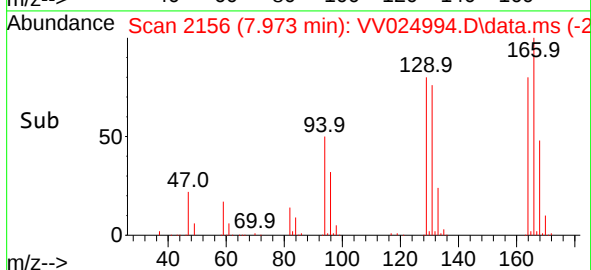
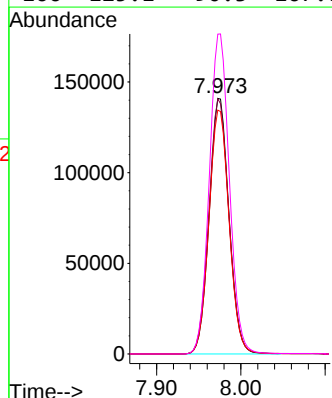
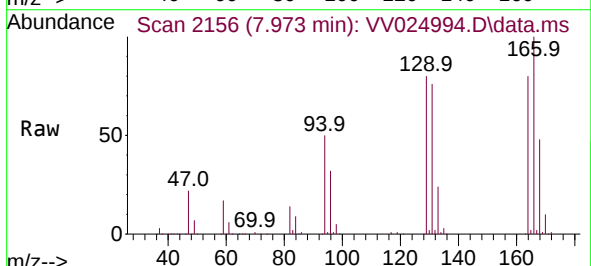
Ion Ratio Lower Upper

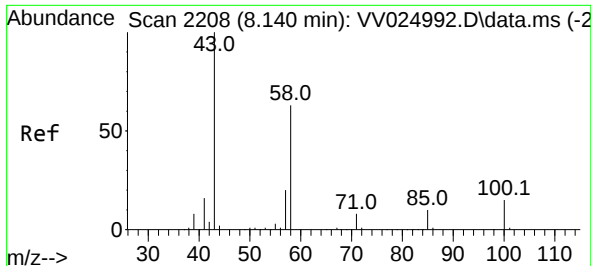
164 100

129 99.8 70.3 130.7

131 95.4 69.4 129.0

166 125.1 90.3 167.7

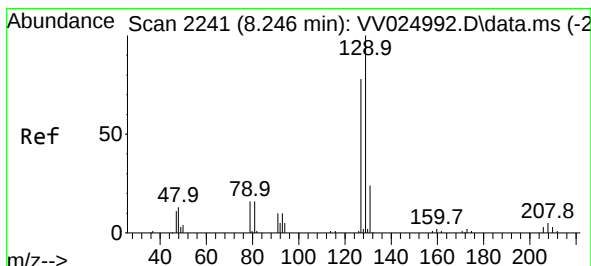
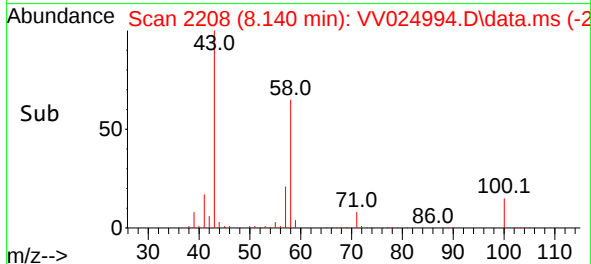
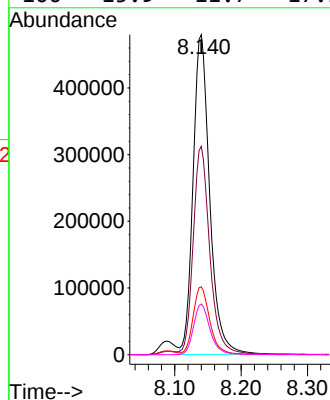
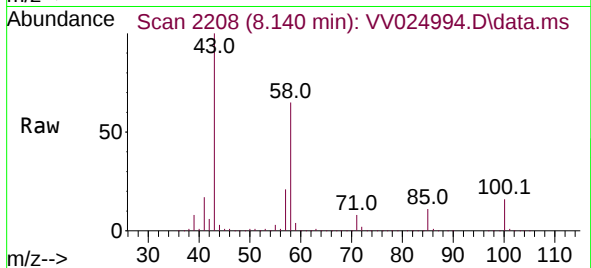




#48
2-Hexanone
Concen: 212.712 ug/L
RT: 8.140 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV024994.D
Acq: 15 Mar 2022 13:11

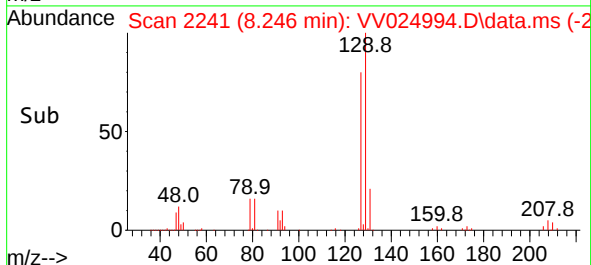
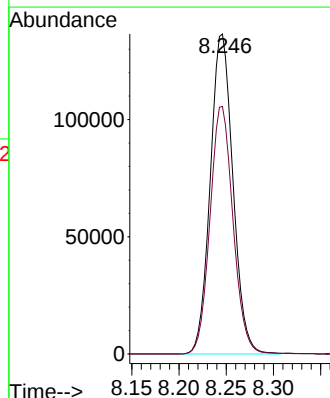
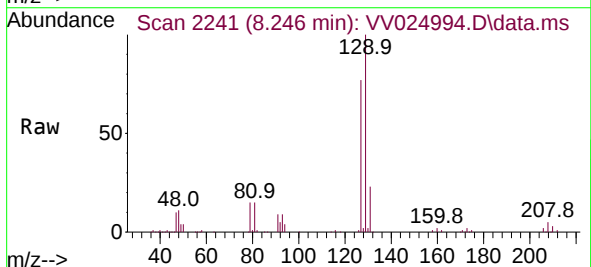
Instrument :
MSVOA_V
ClientSampleId :
VSTD020223

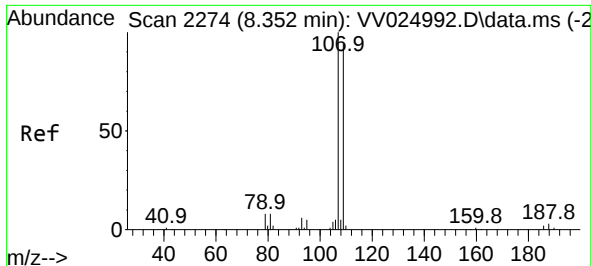
Tgt Ion:	43	Resp:	835934
Ion	Ratio	Lower	Upper
43	100		
58	65.0	49.2	73.8
57	21.4	16.0	24.0
100	15.9	11.7	17.5



#49
Dibromochloromethane
Concen: 22.619 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VV024994.D
Acq: 15 Mar 2022 13:11

Tgt Ion:	129	Resp:	227821
Ion	Ratio	Lower	Upper
129	100		
127	77.3	54.9	102.1





#50

1,2-Dibromoethane

Concen: 21.549 ug/L

RT: 8.352 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV024994.D

Acq: 15 Mar 2022 13:11

Instrument :

MSVOA_V

ClientSampleId :

VSTD020223

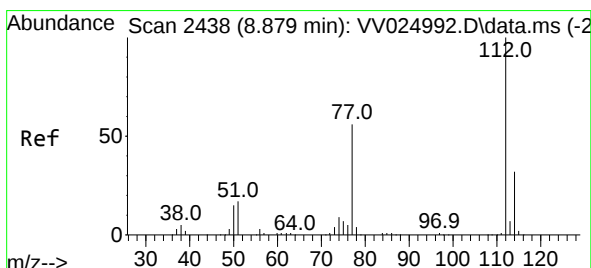
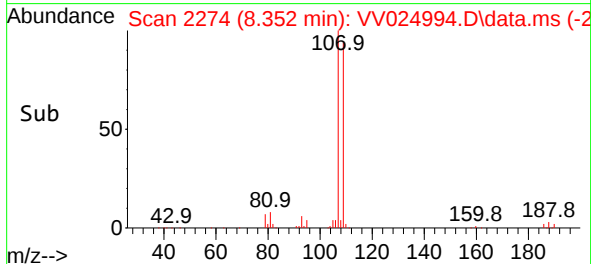
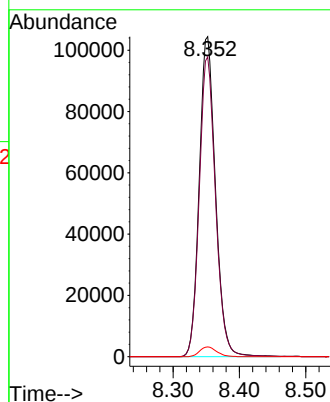
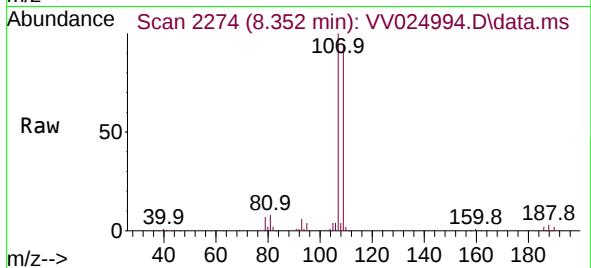
Tgt Ion:107 Resp: 177447

Ion Ratio Lower Upper

107 100

109 93.7 65.5 121.6

188 3.1 2.4 3.6



#51

Chlorobenzene

Concen: 21.131 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. -0.000 min

Lab File: VV024994.D

Acq: 15 Mar 2022 13:11

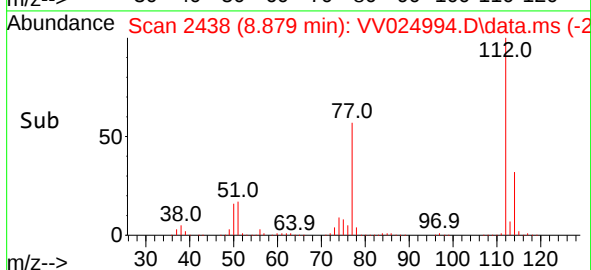
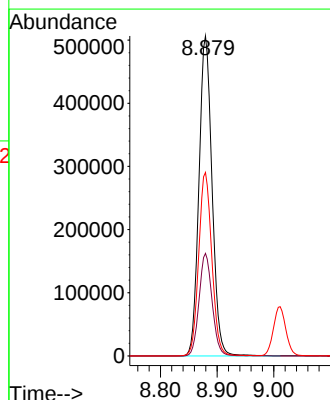
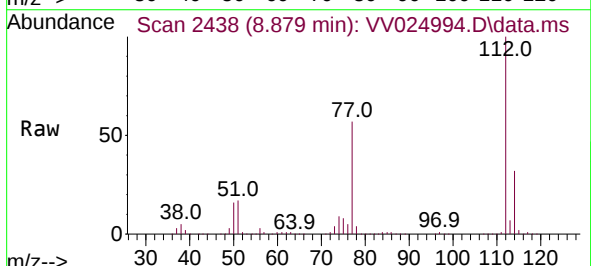
Tgt Ion:112 Resp: 811779

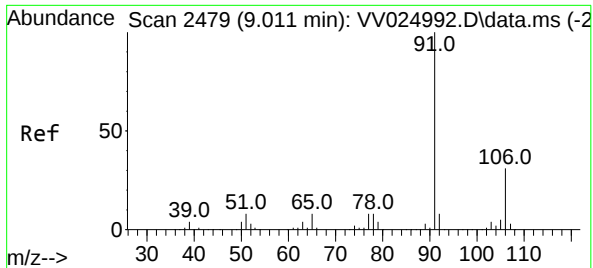
Ion Ratio Lower Upper

112 100

114 32.0 22.5 41.7

77 57.3 45.3 67.9

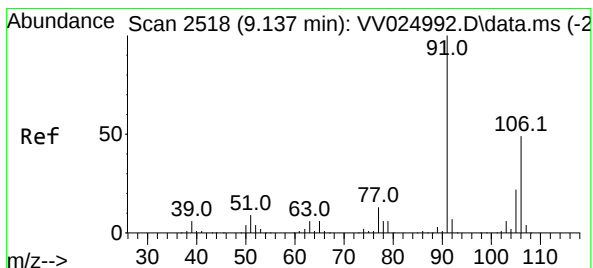
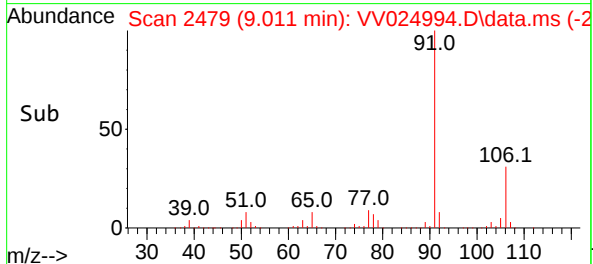
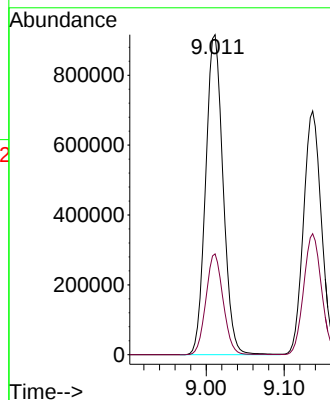
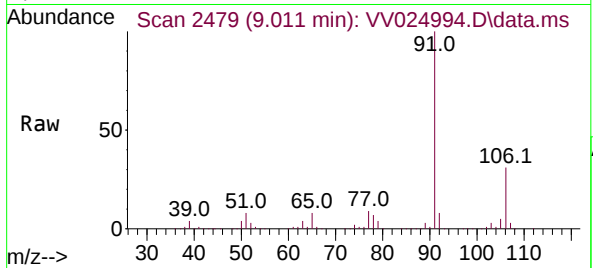




#52
Ethylbenzene
Concen: 21.933 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. -0.000 min
Lab File: VV024994.D
Acq: 15 Mar 2022 13:11

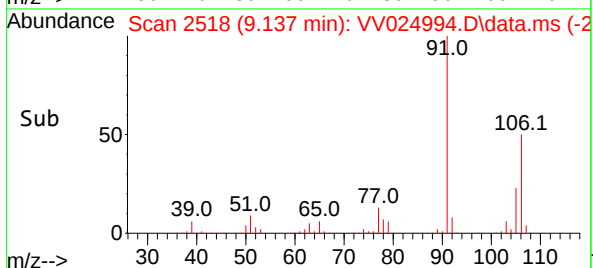
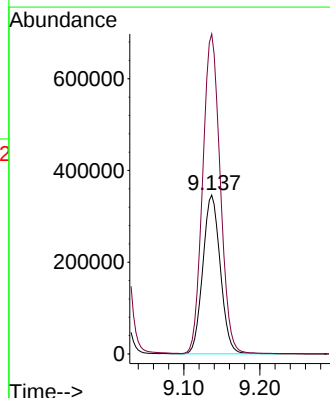
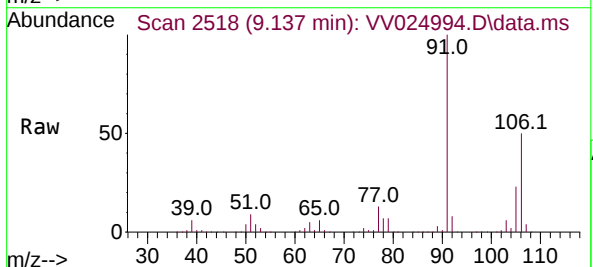
Instrument :
MSVOA_V
ClientSampleId :
VSTD020223

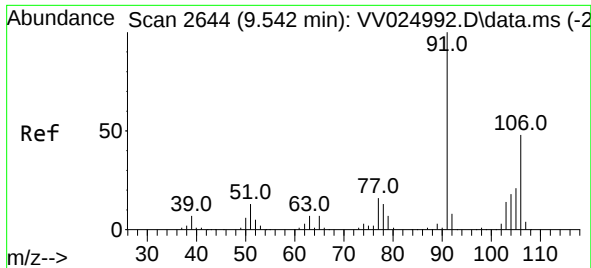
Tgt Ion: 91 Resp: 1423404
Ion Ratio Lower Upper
91 100
106 31.5 21.9 40.7



#53
m,p-xylene
Concen: 22.096 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. -0.000 min
Lab File: VV024994.D
Acq: 15 Mar 2022 13:11

Tgt Ion:106 Resp: 552248
Ion Ratio Lower Upper
106 100
91 201.5 143.4 266.4

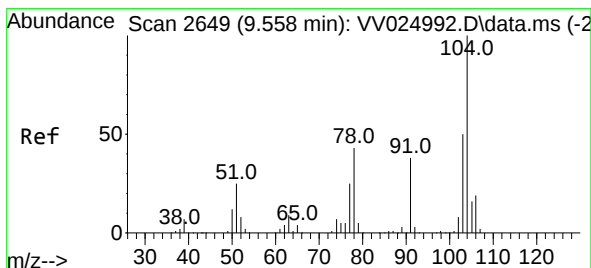
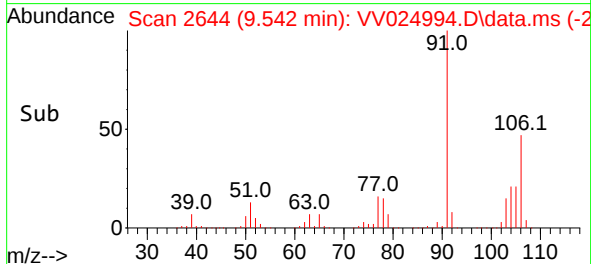
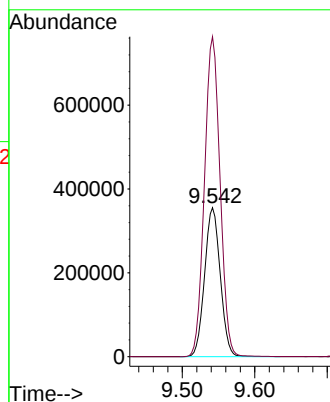
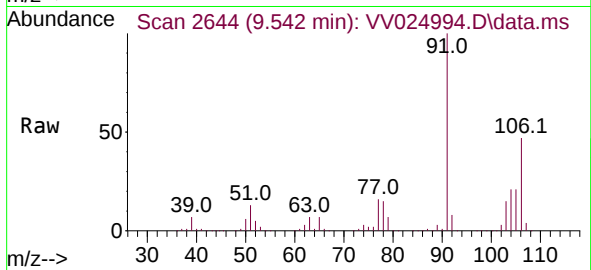




#54
o-xylene
Concen: 22.283 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV024994.D
Acq: 15 Mar 2022 13:11

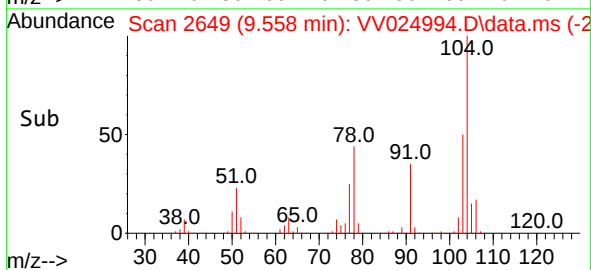
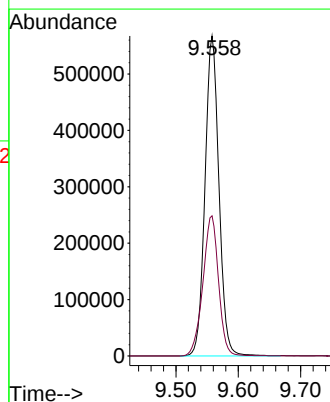
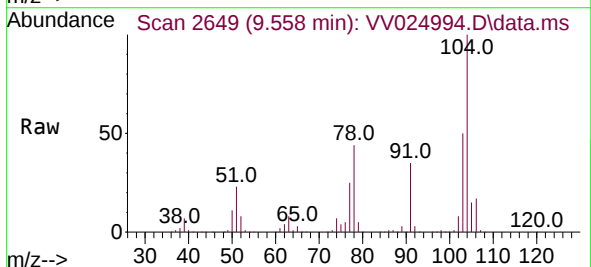
Instrument :
MSVOA_V
ClientSampleId :
VSTD020223

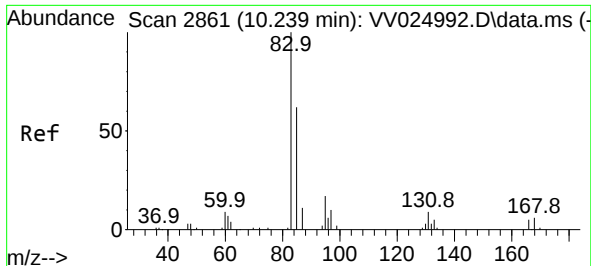
Tgt Ion:106 Resp: 532553
Ion Ratio Lower Upper
106 100
91 214.7 146.7 272.5



#55
Styrene
Concen: 22.702 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.000 min
Lab File: VV024994.D
Acq: 15 Mar 2022 13:11

Tgt Ion:104 Resp: 883657
Ion Ratio Lower Upper
104 100
78 43.8 30.2 56.2





#57

1,1,2,2-Tetrachloroethane

Concen: 21.344 ug/L

RT: 10.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV024994.D

Acq: 15 Mar 2022 13:11

Instrument :

MSVOA_V

ClientSampleId :

VSTD020223

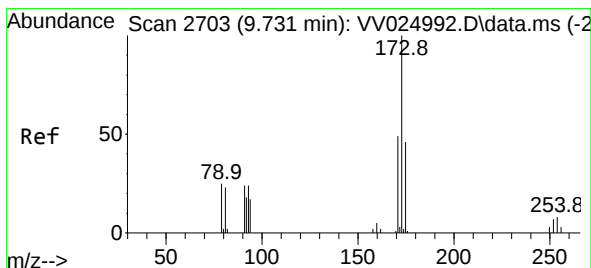
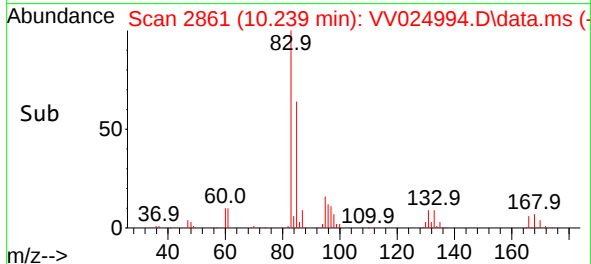
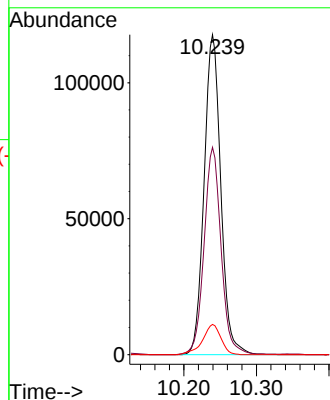
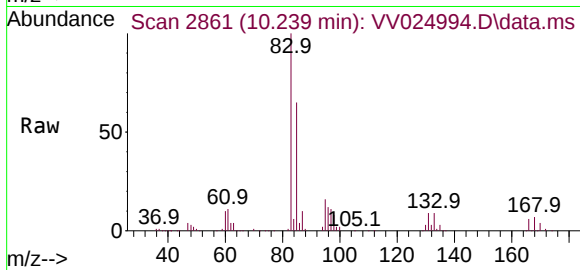
Tgt Ion: 83 Resp: 188280

Ion Ratio Lower Upper

83 100

85 64.8 43.9 81.5

131 9.5 7.5 11.3



#59

Bromoform

Concen: 22.487 ug/L

RT: 9.728 min Scan# 2702

Delta R.T. -0.003 min

Lab File: VV024994.D

Acq: 15 Mar 2022 13:11

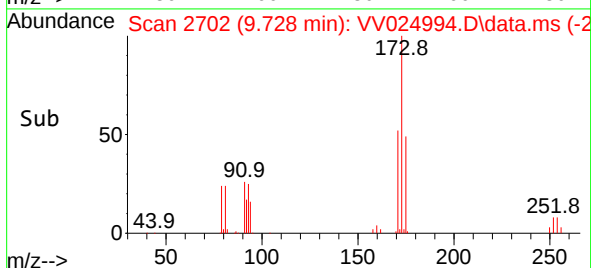
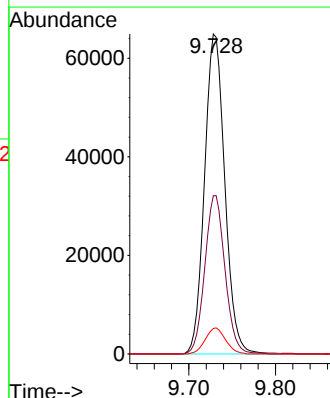
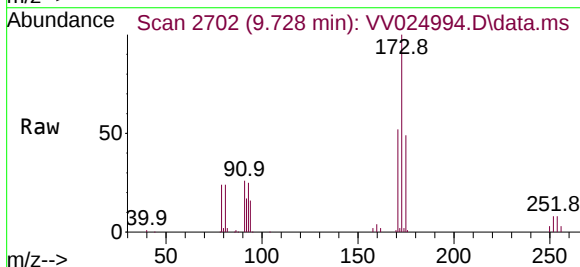
Tgt Ion: 173 Resp: 105567

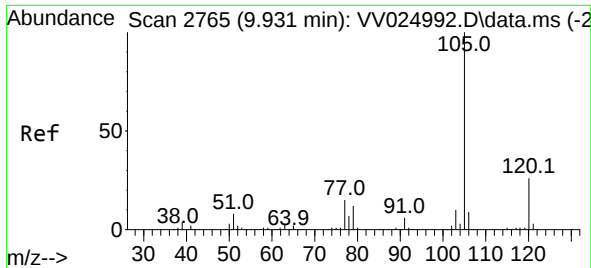
Ion Ratio Lower Upper

173 100

175 49.3 37.8 56.8

254 8.1 5.8 8.6

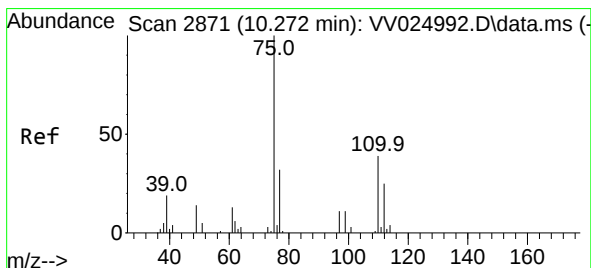
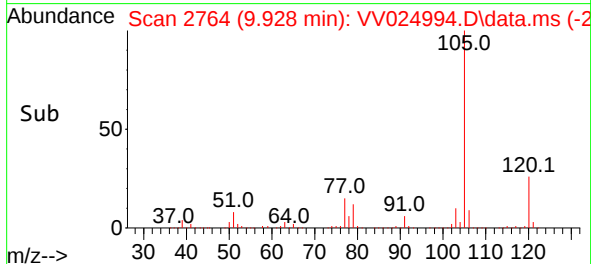
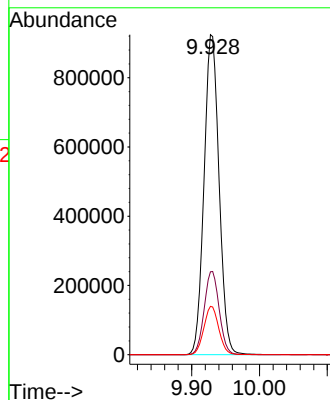
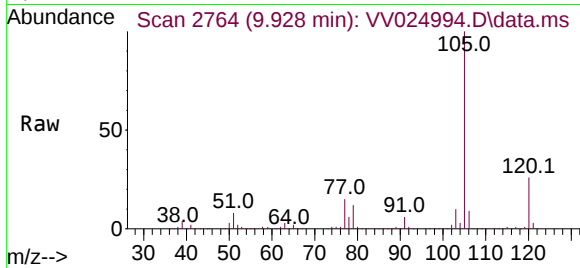




#60
Isopropylbenzene
Concen: 21.622 ug/L
RT: 9.928 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV024994.D
Acq: 15 Mar 2022 13:11

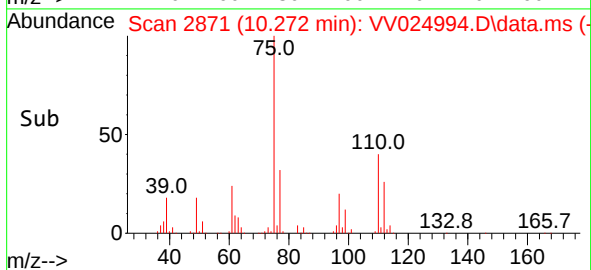
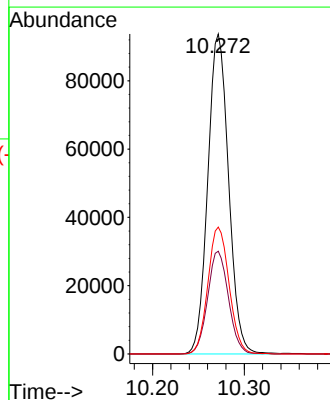
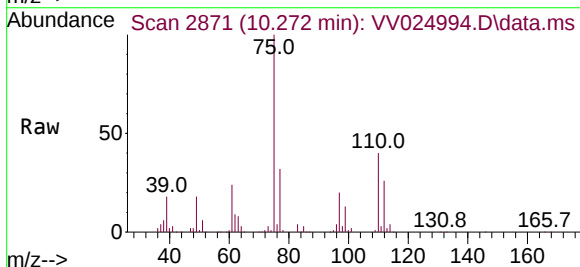
Instrument :
MSVOA_V
ClientSampleId :
VSTD020223

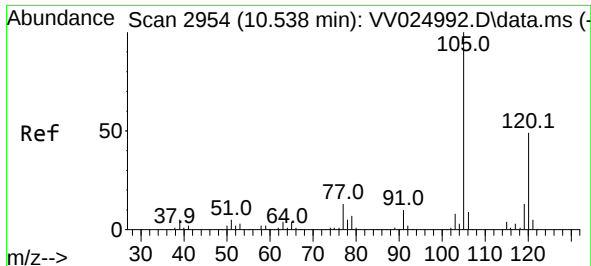
Tgt Ion:105 Resp: 1421261
Ion Ratio Lower Upper
105 100
120 26.1 20.7 31.1
77 15.0 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 20.130 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV024994.D
Acq: 15 Mar 2022 13:11

Tgt Ion: 75 Resp: 147563
Ion Ratio Lower Upper
75 100
77 32.3 25.7 38.5
110 40.6 31.2 46.8





#62

1,3,5-Trimethylbenzene

Concen: 22.999 ug/L

RT: 10.535 min Scan# 2954

Delta R.T. -0.003 min

Lab File: VV024994.D

Acq: 15 Mar 2022 13:11

Instrument :

MSVOA_V

ClientSampleId :

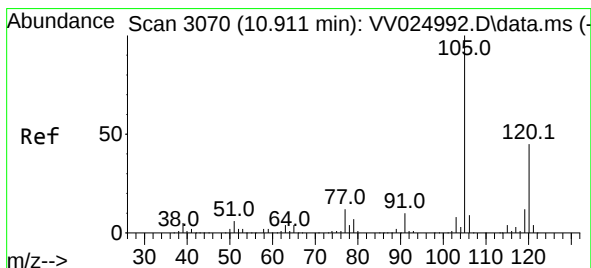
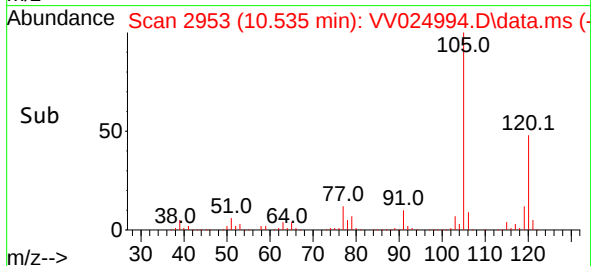
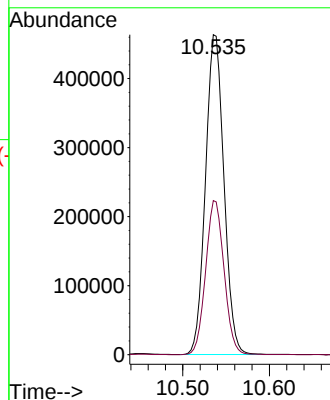
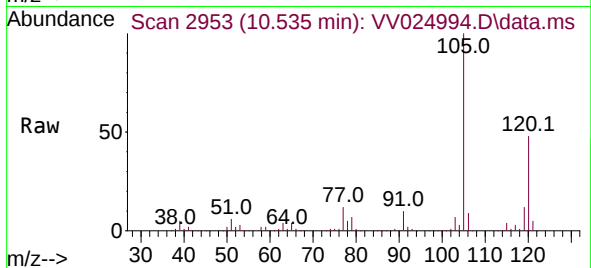
VSTD020223

Tgt Ion:105 Resp: 686009

Ion Ratio Lower Upper

105 100

120 48.2 38.5 57.7



#63

1,2,4-Trimethylbenzene

Concen: 23.121 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.000 min

Lab File: VV024994.D

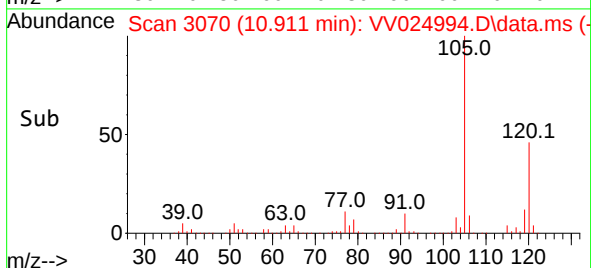
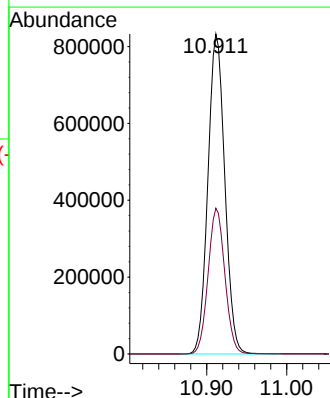
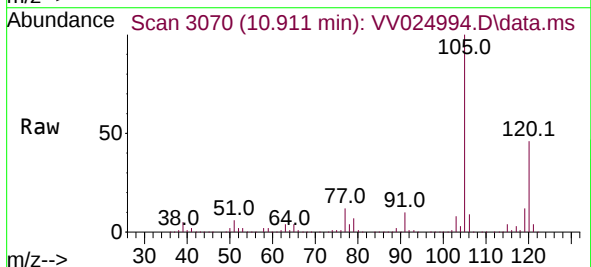
Acq: 15 Mar 2022 13:11

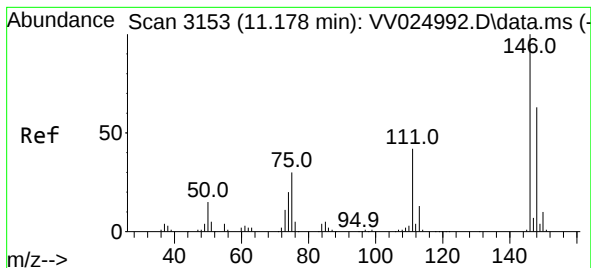
Tgt Ion:105 Resp: 1221408

Ion Ratio Lower Upper

105 100

120 45.3 35.8 53.8





#64

1,3-Dichlorobenzene

Concen: 21.299 ug/L

RT: 11.178 min Scan# 3153

Delta R.T. -0.000 min

Lab File: VV024994.D

Acq: 15 Mar 2022 13:11

Instrument :

MSVOA_V

ClientSampleId :

VSTD020223

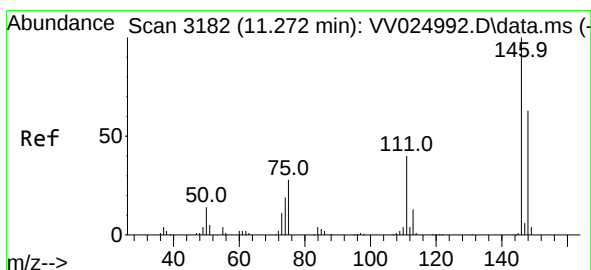
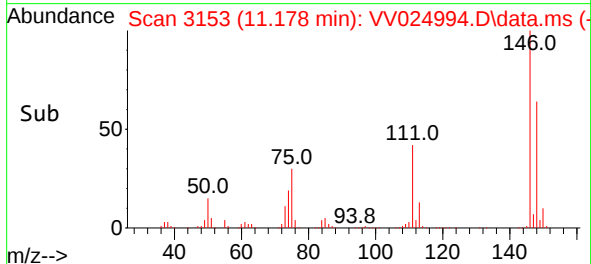
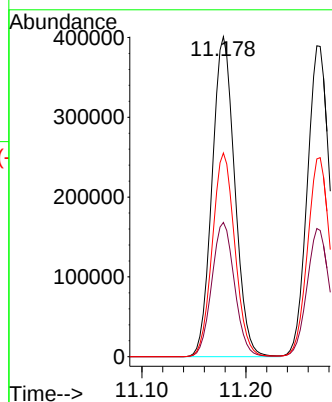
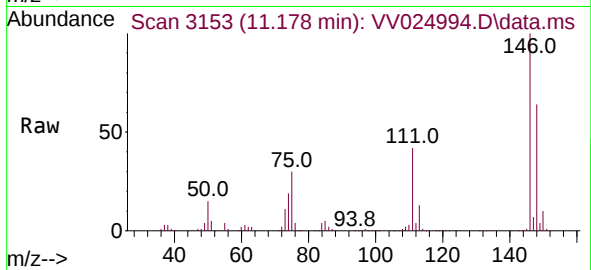
Tgt Ion:146 Resp: 607305

Ion Ratio Lower Upper

146 100

111 42.0 29.2 54.2

148 63.7 43.8 81.4



#65

1,4-Dichlorobenzene

Concen: 20.702 ug/L

RT: 11.268 min Scan# 3181

Delta R.T. -0.003 min

Lab File: VV024994.D

Acq: 15 Mar 2022 13:11

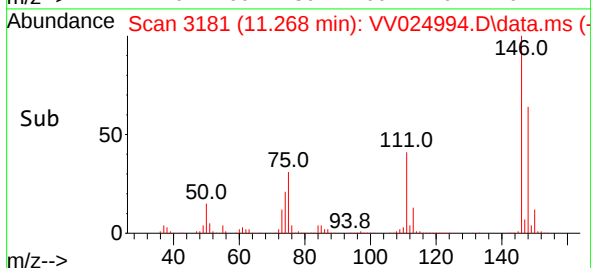
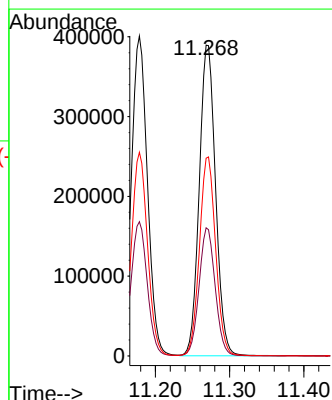
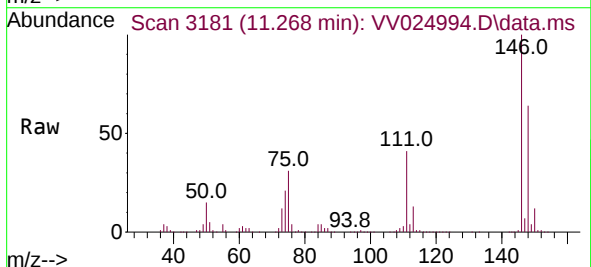
Tgt Ion:146 Resp: 595053

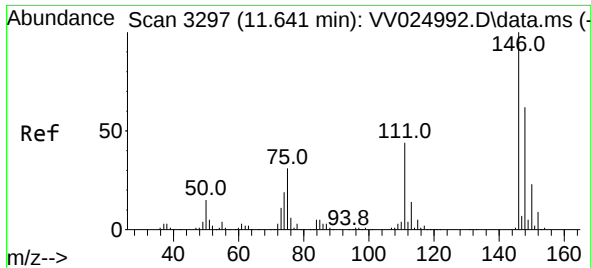
Ion Ratio Lower Upper

146 100

111 41.2 28.2 52.4

148 63.6 43.8 81.4

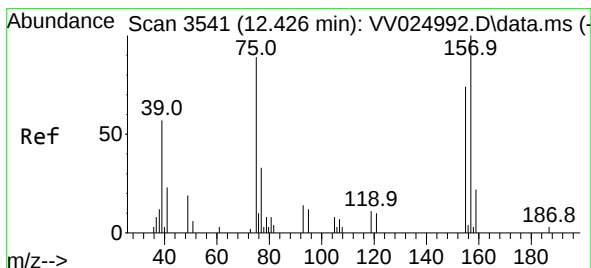
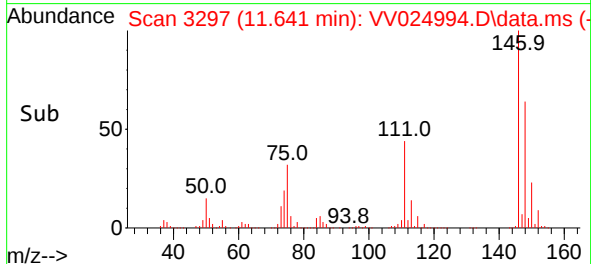
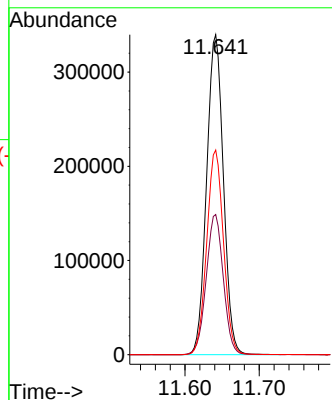
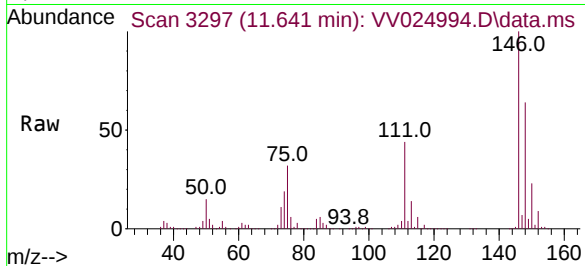




#67
1,2-Dichlorobenzene
Concen: 21.051 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. -0.000 min
Lab File: VV024994.D
Acq: 15 Mar 2022 13:11

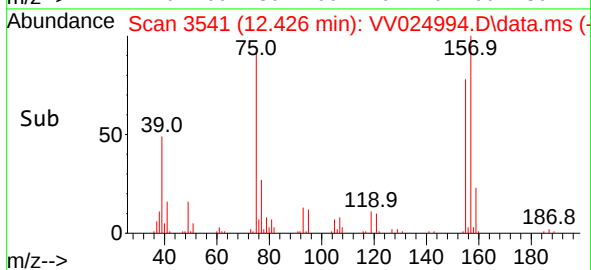
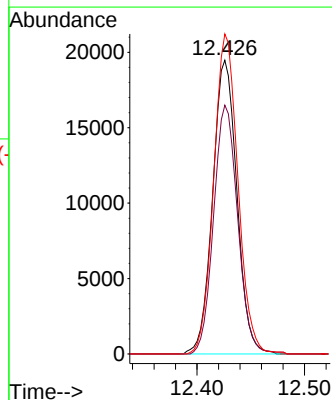
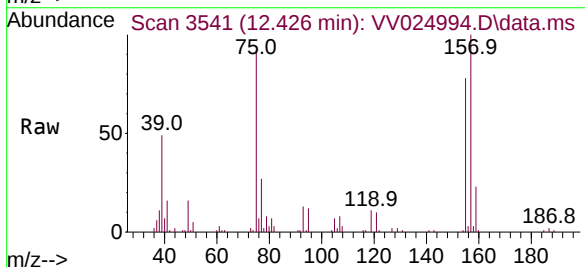
Instrument :
MSVOA_V
ClientSampleId :
VSTD020223

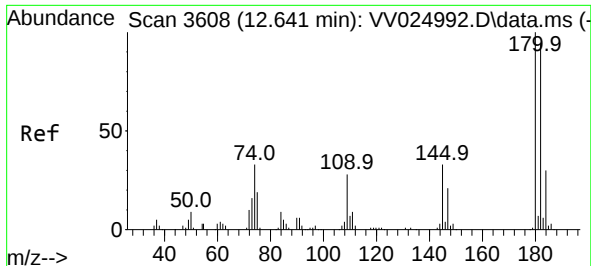
Tgt Ion:146 Resp: 531861
Ion Ratio Lower Upper
146 100
111 43.8 35.5 53.3
148 63.9 49.7 74.5



#68
1,2-Dibromo-3-chloropropane
Concen: 24.259 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.000 min
Lab File: VV024994.D
Acq: 15 Mar 2022 13:11

Tgt Ion: 75 Resp: 30484
Ion Ratio Lower Upper
75 100
155 84.7 65.9 98.9
157 108.9 89.7 134.5





#69

1,3,5-Trichlorobenzene

Concen: 22.272 ug/L

RT: 12.641 min Scan# 3608

Delta R.T. -0.000 min

Lab File: VV024994.D

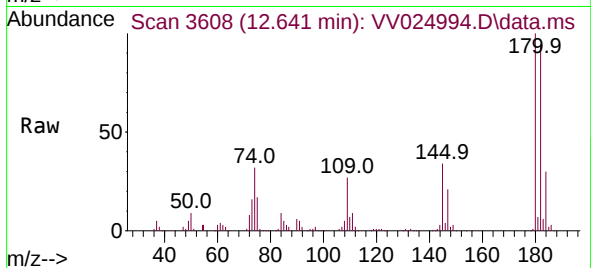
Acq: 15 Mar 2022 13:11

Instrument :

MSVOA_V

ClientSampleId :

VSTD020223



Tgt Ion:180 Resp: 448576

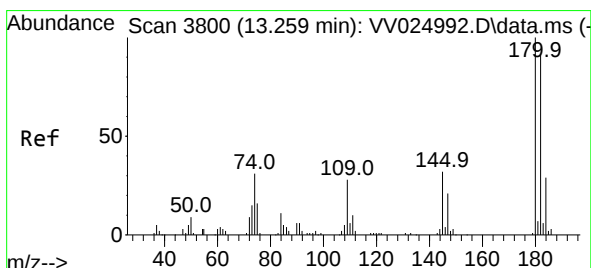
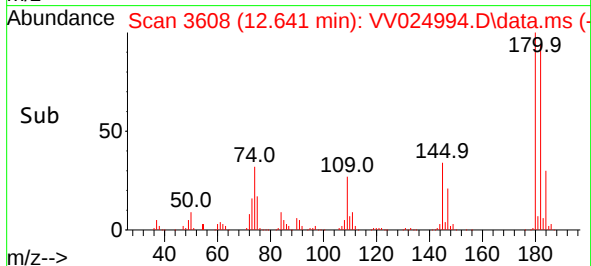
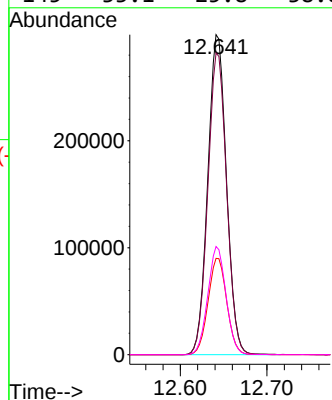
Ion Ratio Lower Upper

180 100

182 94.8 75.4 113.0

184 30.2 24.2 36.4

145 33.1 25.8 38.8



#70

1,2,4-trichlorobenzene

Concen: 23.079 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. -0.000 min

Lab File: VV024994.D

Acq: 15 Mar 2022 13:11

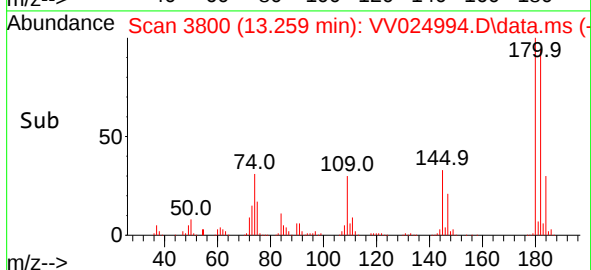
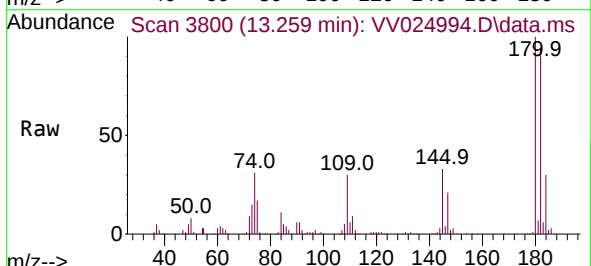
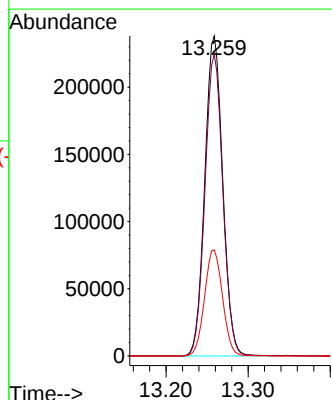
Tgt Ion:180 Resp: 362176

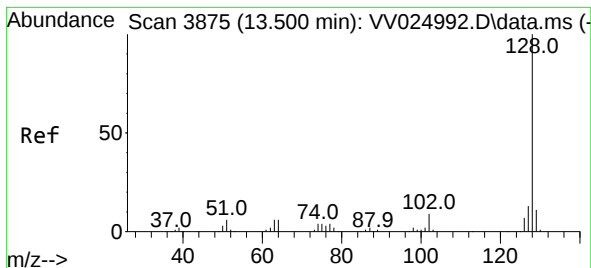
Ion Ratio Lower Upper

180 100

182 94.2 74.6 112.0

145 33.3 26.1 39.1





#71

Naphthalene

Concen: 23.963 ug/L

RT: 13.497 min Scan# 3874

Delta R.T. -0.003 min

Lab File: VV024994.D

Acq: 15 Mar 2022 13:11

Instrument :

MSVOA_V

ClientSampleId :

VSTD020223

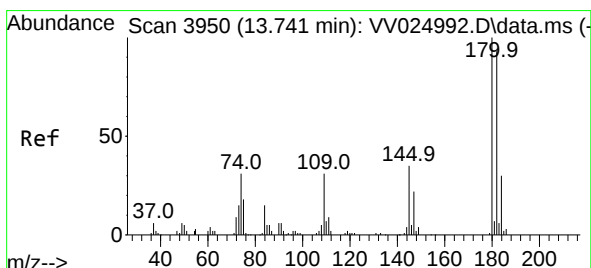
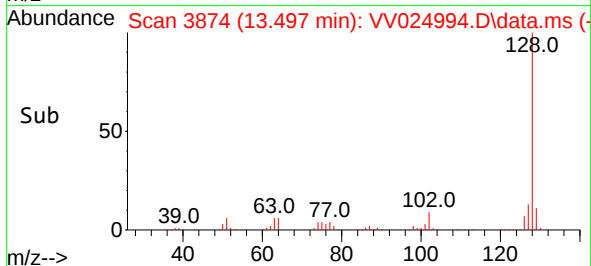
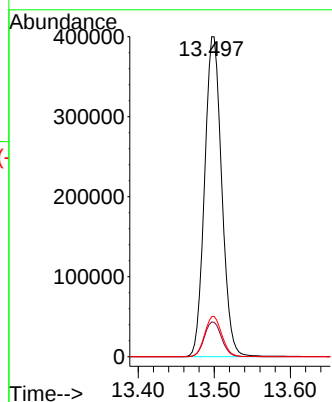
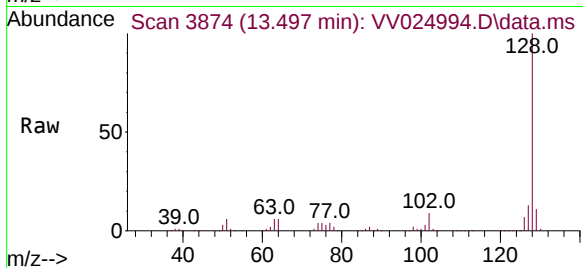
Tgt Ion:128 Resp: 624436

Ion Ratio Lower Upper

128 100

129 10.9 8.5 12.7

127 12.6 9.8 14.8



#72

1,2,3-Trichlorobenzene

Concen: 22.817 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. -0.000 min

Lab File: VV024994.D

Acq: 15 Mar 2022 13:11

Tgt Ion:180 Resp: 303389

Ion Ratio Lower Upper

180 100

182 94.5 74.8 112.2

145 34.9 27.6 41.4

