

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031522\
 Data File : VW024996.D
 Acq On : 15 Mar 2022 14:20
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005330

Quant Time: Mar 16 03:23:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 16 03:13:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	170640	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	159518	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	75580	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	67827	5.035	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 100.600%	
7) Chloroethane-d5	1.568	69	50740	5.143	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 102.800%	
11) 1,1-Dichloroethene-d2	2.111	63	111018	5.099	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 102.000%	
20) 2-Butanone-d5	3.899	46	69829	42.890	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 85.780%	
24) Chloroform-d	4.346	84	112276	5.025	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 100.400%	
26) 1,2-Dichloroethane-d4	5.030	65	46411	4.968	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 99.400%	
32) Benzene-d6	5.047	84	234314	5.064	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 101.200%	
36) 1,2-Dichloropropane-d6	6.066	67	66721	5.014	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 100.200%	
41) Toluene-d8	7.313	98	214413	5.084	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 101.600%	
43) trans-1,3-Dichloroprop...	7.622	79	23610	5.090	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 101.800%	
46) 2-Hexanone-d5	8.088	63	82689	52.260	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 104.520%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	41528	5.305	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 106.200%	
66) 1,2-Dichlorobenzene-d4	11.622	152	65770	5.140	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 102.800%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	77013	5.108	ug/L	97
3) Chloromethane	1.243	50	68812	4.839	ug/L	100
5) Vinyl chloride	1.310	62	76306	5.086	ug/L	99
6) Bromomethane	1.523	94	48972	5.051	ug/L	99
8) Chloroethane	1.587	64	45323	4.982	ug/L	99
9) Trichlorofluoromethane	1.754	101	101888	4.993	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	55794	5.043	ug/L	99
12) 1,1-Dichloroethene	2.117	96	54905	5.051	ug/L	92
13) Acetone	2.188	43	42031	38.600	ug/L	93
14) Carbon disulfide	2.294	76	193474	4.974	ug/L	99
15) Methyl Acetate	2.445	43	15023	5.036	ug/L #	89
16) Methylene chloride	2.506	84	66835	5.074	ug/L	97
17) Methyl tert-butyl Ether	2.767	73	118384	5.000	ug/L	99
18) trans-1,2-Dichloroethene	2.760	96	65266	4.989	ug/L	98
19) 1,1-Dichloroethane	3.188	63	109902	4.936	ug/L	100
21) 2-Butanone	3.982	43	72745	42.328	ug/L	87
22) cis-1,2-Dichloroethene	3.912	96	68031	5.151	ug/L	99
23) Bromochloromethane	4.249	128	25530	4.903	ug/L	96
25) Chloroform	4.371	83	115877	4.999	ug/L	98

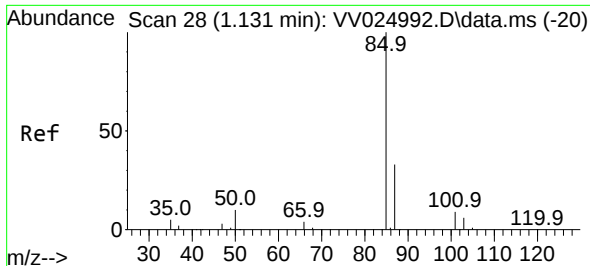
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 Data File : VW024996.D
 Acq On : 15 Mar 2022 14:20
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005330

Quant Time: Mar 16 03:23:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 16 03:13:23 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	57158	4.959	ug/L	99
29) 1,1,1-Trichloroethane	4.606	97	102123	5.020	ug/L	100
30) Cyclohexane	4.674	56	99229	5.013	ug/L	99
31) Carbon tetrachloride	4.825	117	86662	4.965	ug/L	99
33) Benzene	5.098	78	259236	4.996	ug/L	100
34) Trichloroethene	5.911	95	69568	5.036	ug/L	98
35) Methylcyclohexane	6.127	83	109178	4.992	ug/L	98
37) 1,2-Dichloropropane	6.172	63	60004	5.032	ug/L	100
38) Bromodichloromethane	6.506	83	74126	4.916	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	83528	5.045	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	252658	51.498	ug/L	96
42) Toluene	7.384	91	276939	5.100	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	65847	5.055	ug/L	97
45) 1,1,2-Trichloroethane	7.837	97	39765	4.993	ug/L	99
47) Tetrachloroethene	7.972	164	47672	4.905	ug/L	97
48) 2-Hexanone	8.136	43	173307	49.826	ug/L	97
49) Dibromochloromethane	8.243	129	45305	5.082	ug/L	99
50) 1,2-Dibromoethane	8.352	107	36743	5.041	ug/L	99
51) Chlorobenzene	8.879	112	170596	5.017	ug/L	99
52) Ethylbenzene	9.011	91	290875	5.064	ug/L	98
53) m,p-xylene	9.136	106	112066	5.066	ug/L	100
54) o-xylene	9.541	106	108661	5.137	ug/L	96
55) Styrene	9.558	104	180889	5.251	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	41201	5.277	ug/L	99
59) Bromoform	9.731	173	19913	4.892	ug/L	97
60) Isopropylbenzene	9.927	105	291746	5.119	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	31521	4.959	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	132757	5.133	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	241196	5.266	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	124465	5.034	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	121714	4.883	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	111518	5.090	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	5296	4.860	ug/L	96
69) 1,3,5-Trichlorobenzene	12.641	180	86672	4.963	ug/L	100
70) 1,2,4-trichlorobenzene	13.258	180	67900	4.990	ug/L	98
71) Naphthalene	13.500	128	116308	5.147	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	59250	5.139	ug/L	98

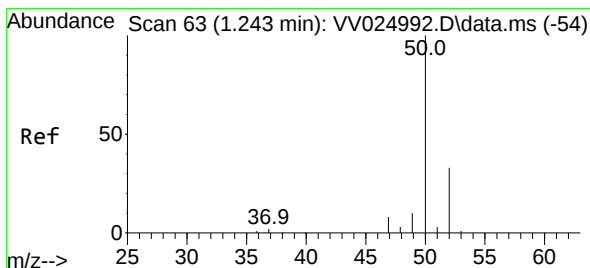
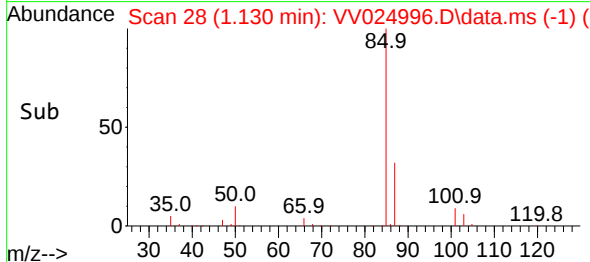
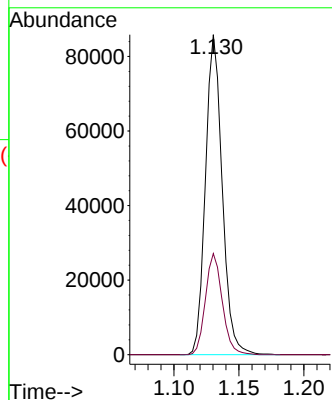
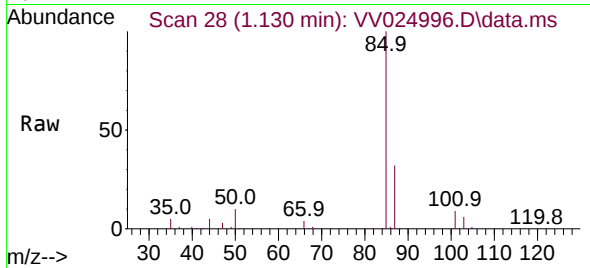
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 5.108 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VV024996.D
 Acq: 15 Mar 2022 14:20

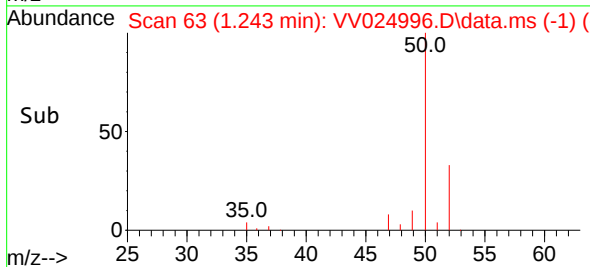
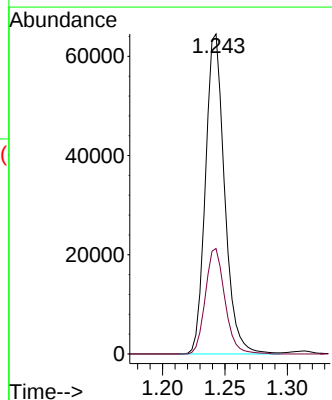
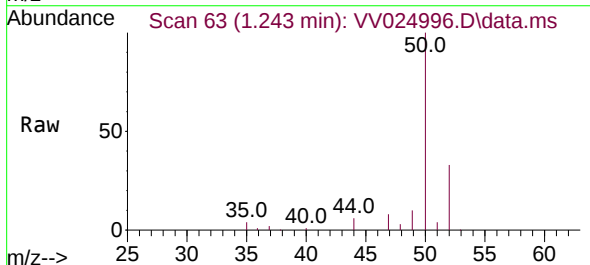
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 ClientSampleId :
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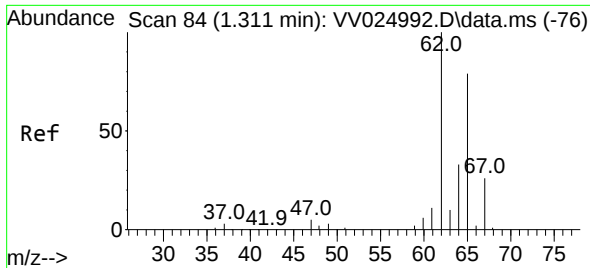
Tgt Ion: 85 Resp: 77013
 Ion Ratio Lower Upper
 85 100
 87 31.7 26.7 40.1



#3
 Chloromethane
 Concen: 4.839 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. -0.000 min
 Lab File: VV024996.D
 Acq: 15 Mar 2022 14:20

Tgt Ion: 50 Resp: 68812
 Ion Ratio Lower Upper
 50 100
 52 33.0 23.2 43.2

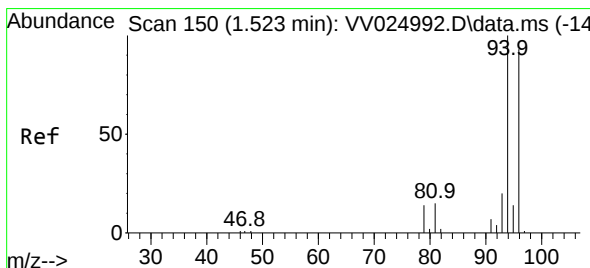
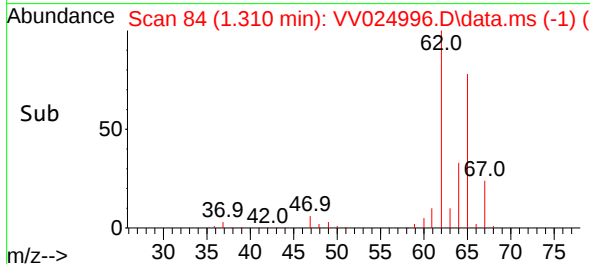
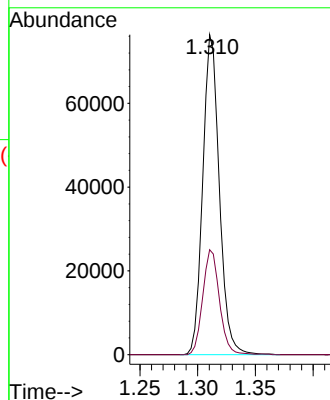
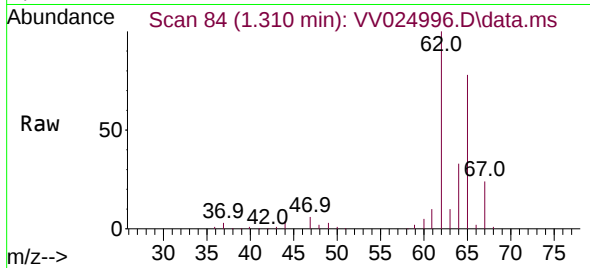




#5
 Vinyl chloride
 Concen: 5.086 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV024996.D
 Acq: 15 Mar 2022 14:20

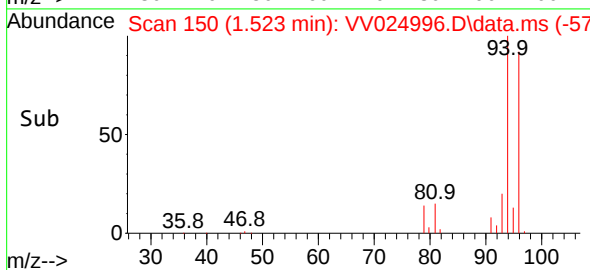
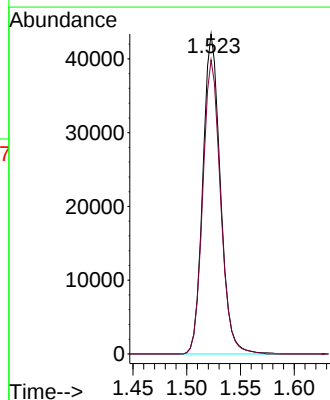
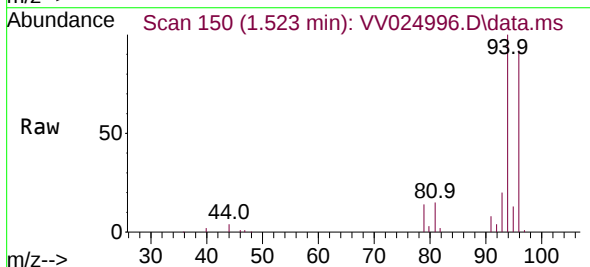
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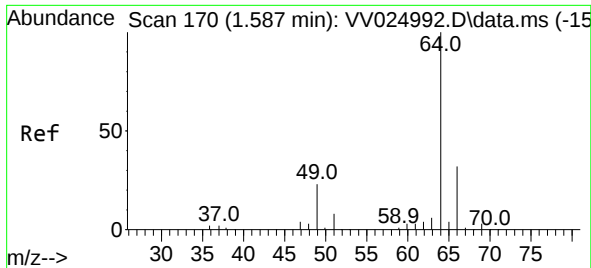
Tgt Ion: 62 Resp: 76306
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.4 43.4



#6
 Bromomethane
 Concen: 5.051 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.000 min
 Lab File: VV024996.D
 Acq: 15 Mar 2022 14:20

Tgt Ion: 94 Resp: 48972
 Ion Ratio Lower Upper
 94 100
 96 91.9 64.9 120.5

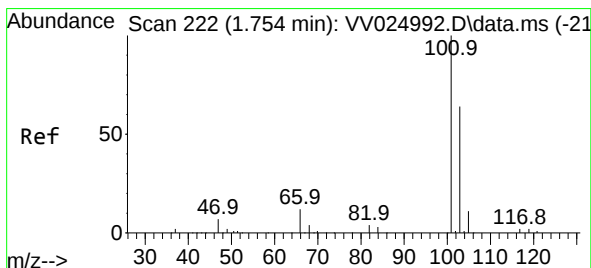
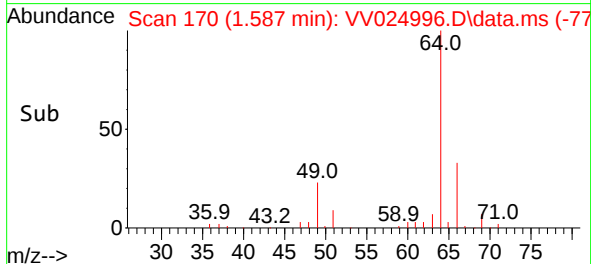
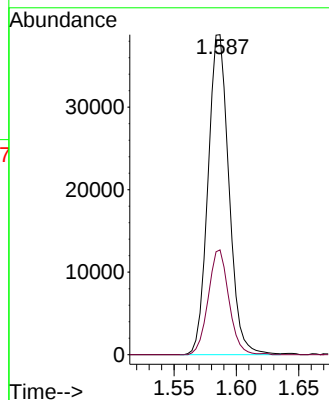
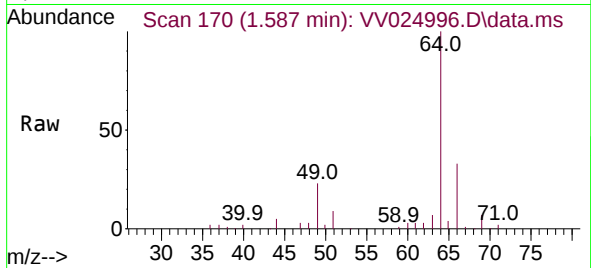




#8
Chloroethane
Concen: 4.982 ug/L
RT: 1.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV024996.D
Acq: 15 Mar 2022 14:20

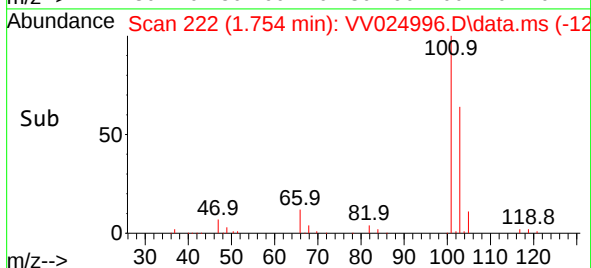
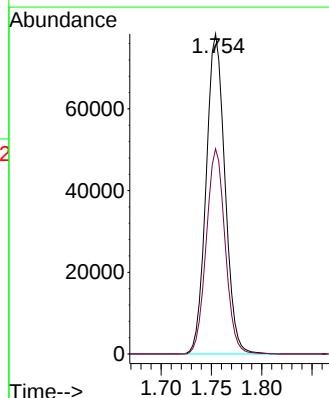
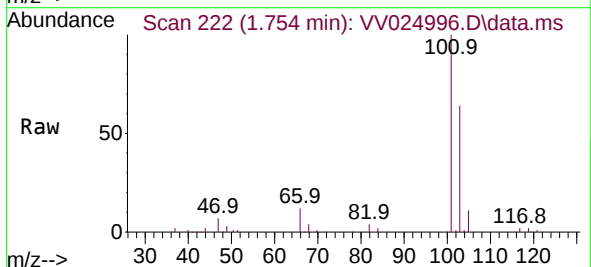
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ClientSampleId :
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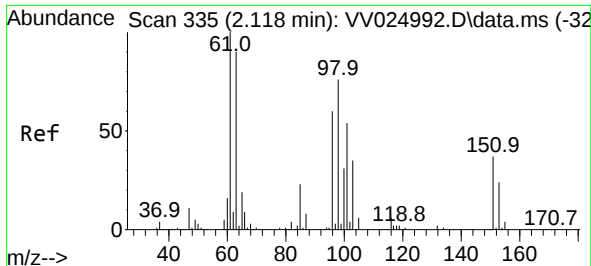
Tgt Ion: 64 Resp: 45323
Ion Ratio Lower Upper
64 100
66 32.8 22.5 41.7



#9
Trichlorofluoromethane
Concen: 4.993 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.000 min
Lab File: VV024996.D
Acq: 15 Mar 2022 14:20

Tgt Ion:101 Resp: 101888
Ion Ratio Lower Upper
101 100
103 64.2 51.5 77.3

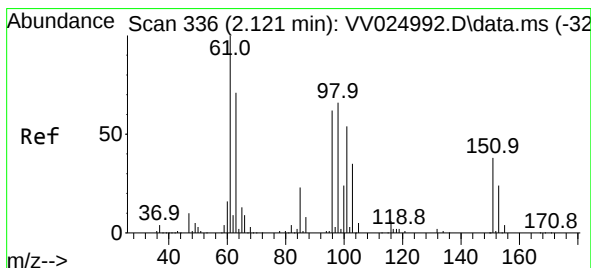
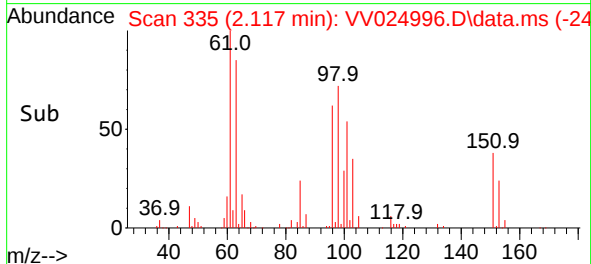
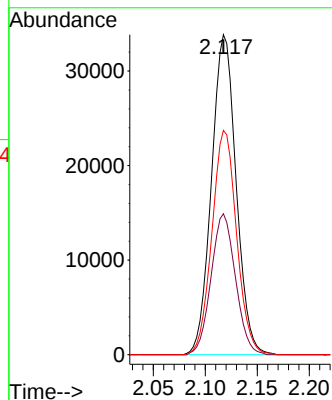
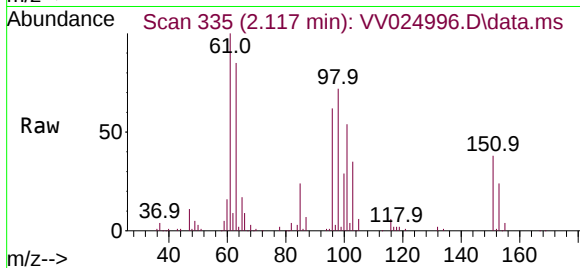




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.043 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.000 min
 Lab File: VV024996.D
 Acq: 15 Mar 2022 14:20

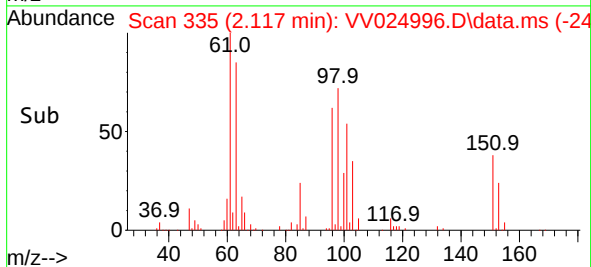
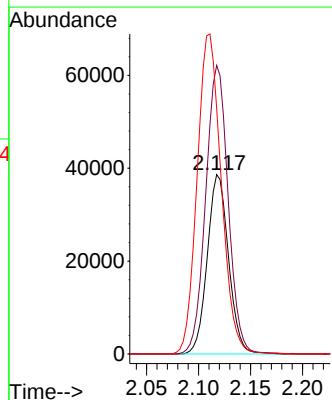
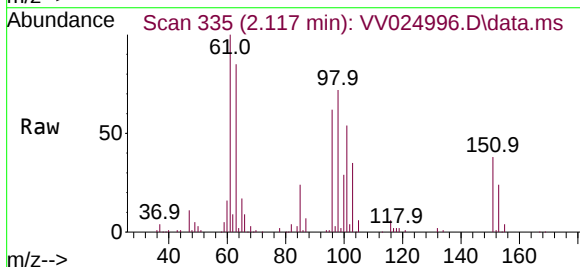
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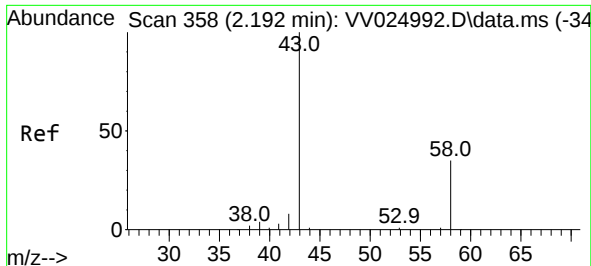
Tgt Ion:101 Resp: 55794
 Ion Ratio Lower Upper
 101 100
 85 43.5 34.8 52.2
 151 70.2 55.6 83.4



#12
 1,1-Dichloroethene
 Concen: 5.051 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.003 min
 Lab File: VV024996.D
 Acq: 15 Mar 2022 14:20

Tgt Ion: 96 Resp: 54905
 Ion Ratio Lower Upper
 96 100
 61 160.9 113.0 209.9
 63 136.9 82.1 152.5





#13

Acetone

Concen: 38.600 ug/L

RT: 2.188 min Scan# 3

Delta R.T. -0.003 min

Lab File: VV024996.D

Acq: 15 Mar 2022 14:20

Instrument :

MSVOA_V

ClientSampleId :

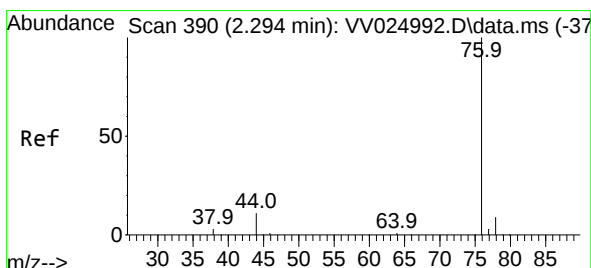
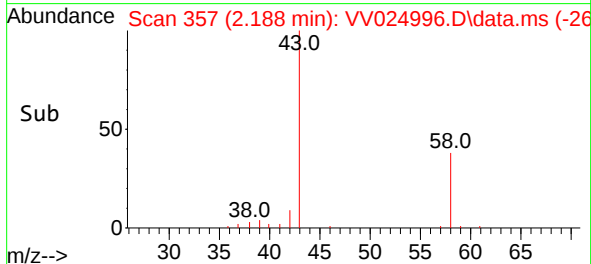
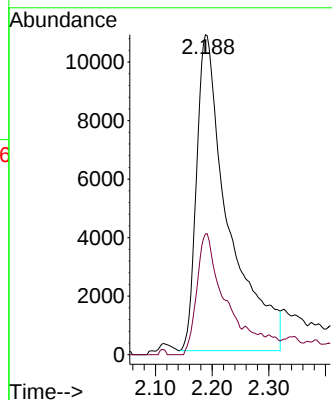
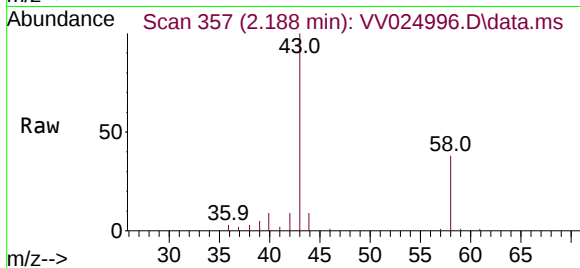
VSTD005330

Tgt Ion: 43 Resp: 42031

Ion Ratio Lower Upper

43 100

58 30.7 0.0 54.2



#14

Carbon disulfide

Concen: 4.974 ug/L

RT: 2.294 min Scan# 390

Delta R.T. -0.000 min

Lab File: VV024996.D

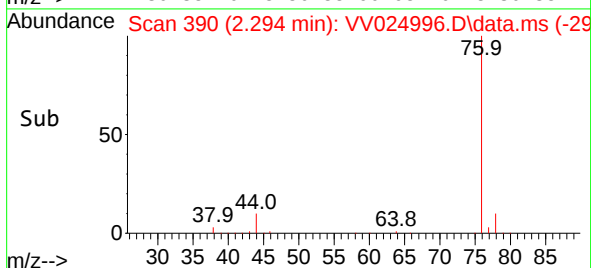
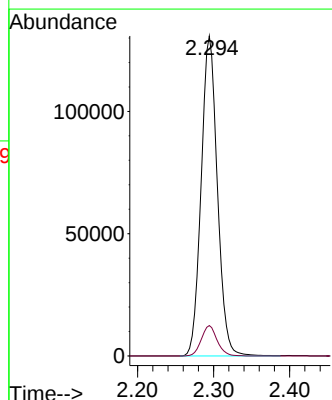
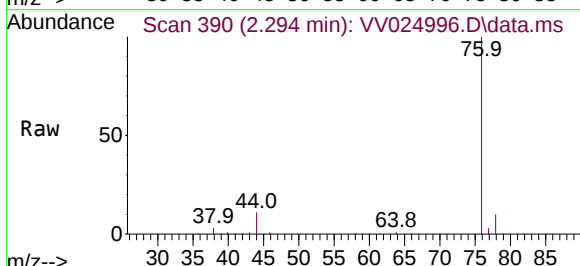
Acq: 15 Mar 2022 14:20

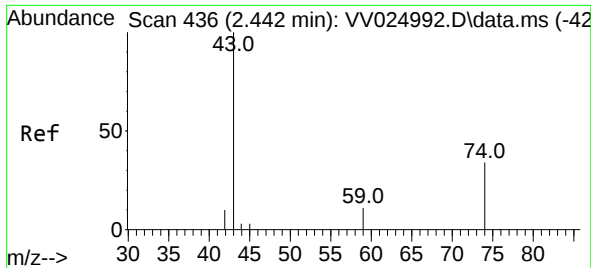
Tgt Ion: 76 Resp: 193474

Ion Ratio Lower Upper

76 100

78 9.5 7.4 11.0





#15

Methyl Acetate

Concen: 5.036 ug/L

RT: 2.445 min Scan# 41

Delta R.T. 0.003 min

Lab File: VV024996.D

Acq: 15 Mar 2022 14:20

Instrument :

MSVOA_V

ClientSampleId :

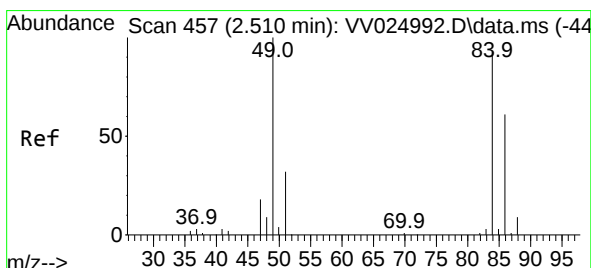
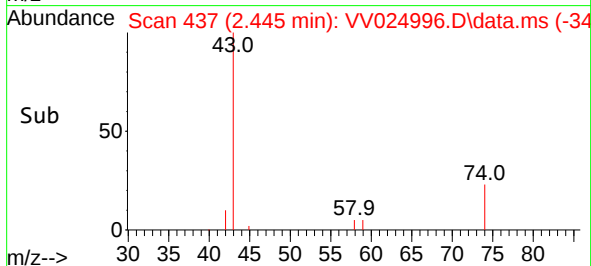
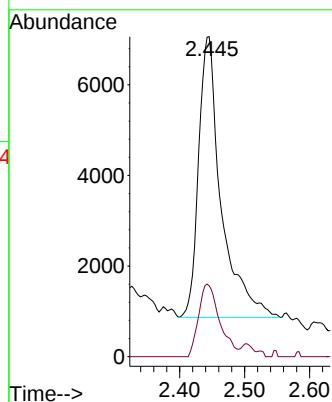
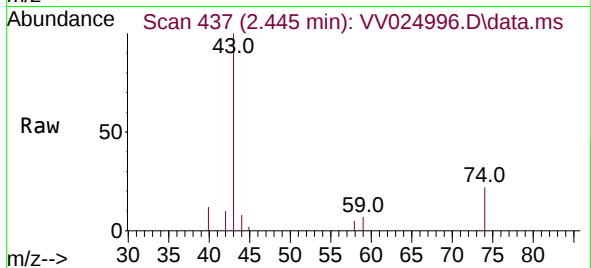
VSTD005330

Tgt Ion: 43 Resp: 15023

Ion Ratio Lower Upper

43 100

74 24.1 24.2 36.4#



#16

Methylene chloride

Concen: 5.074 ug/L

RT: 2.506 min Scan# 456

Delta R.T. -0.003 min

Lab File: VV024996.D

Acq: 15 Mar 2022 14:20

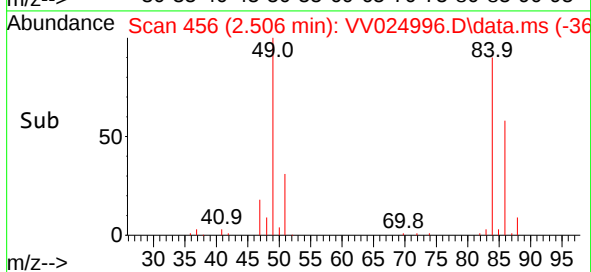
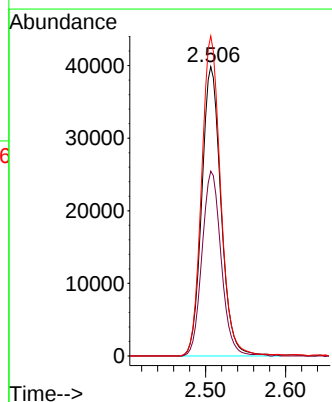
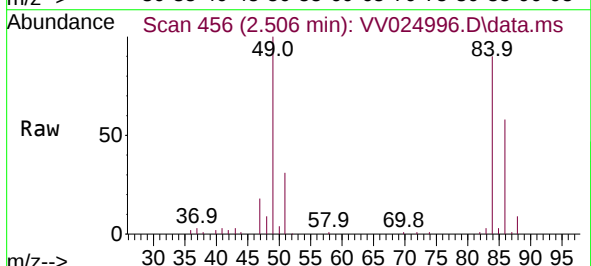
Tgt Ion: 84 Resp: 66835

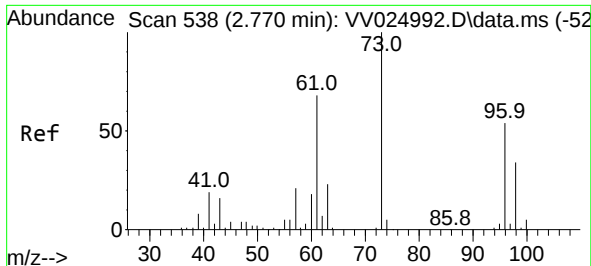
Ion Ratio Lower Upper

84 100

86 63.9 45.5 84.5

49 110.6 75.0 139.2

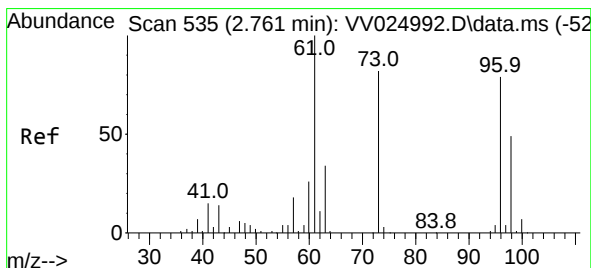
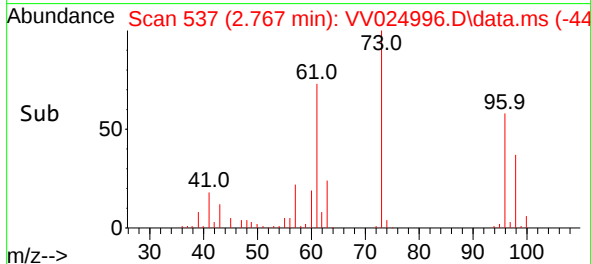
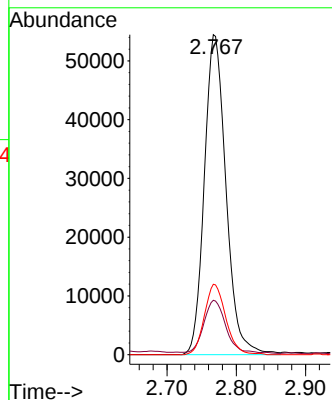
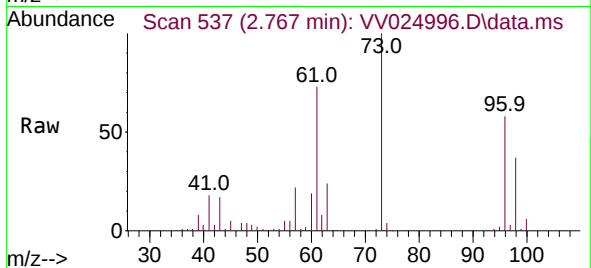




#17
Methyl tert-butyl Ether
Concen: 5.000 ug/L
RT: 2.767 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV024996.D
Acq: 15 Mar 2022 14:20

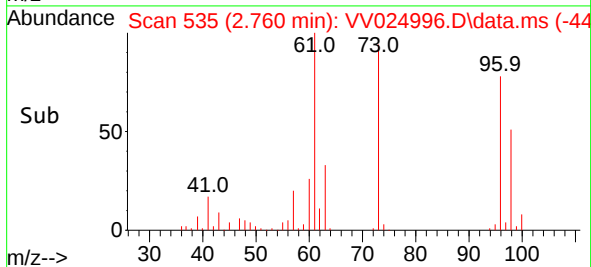
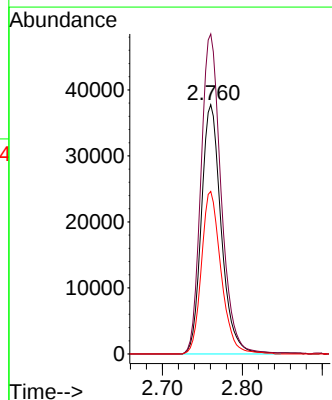
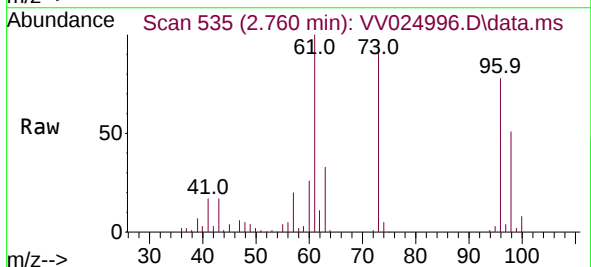
Instrument :
MSVOA_V
ClientSampleId :
VSTD005330

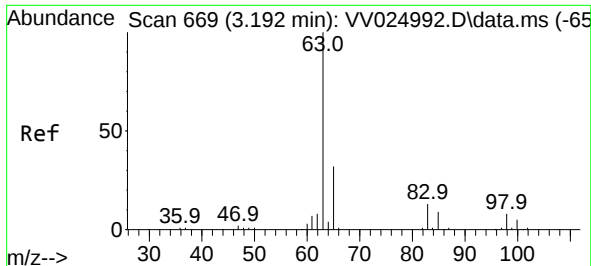
Tgt Ion: 73 Resp: 118384
Ion Ratio Lower Upper
73 100
43 16.2 13.2 19.8
57 21.7 16.7 25.1



#18
trans-1,2-Dichloroethene
Concen: 4.989 ug/L
RT: 2.760 min Scan# 535
Delta R.T. -0.000 min
Lab File: VV024996.D
Acq: 15 Mar 2022 14:20

Tgt Ion: 96 Resp: 65266
Ion Ratio Lower Upper
96 100
61 128.4 89.2 165.6
98 65.2 43.9 81.5





#19

1,1-Dichloroethane

Concen: 4.936 ug/L

RT: 3.188 min Scan# 6

Delta R.T. -0.003 min

Lab File: VV024996.D

Acq: 15 Mar 2022 14:20

Instrument :

MSVOA_V

ClientSampleId :

VSTD005330

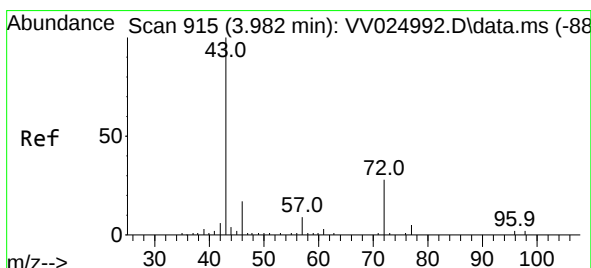
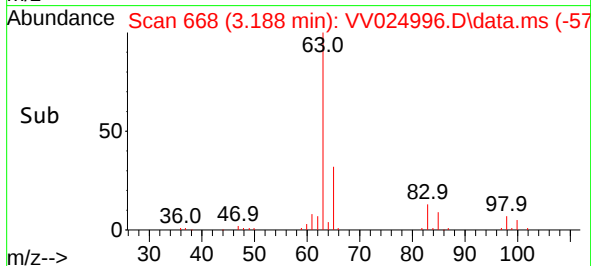
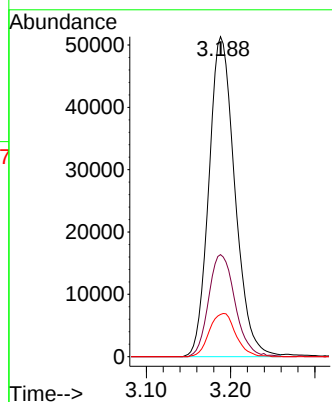
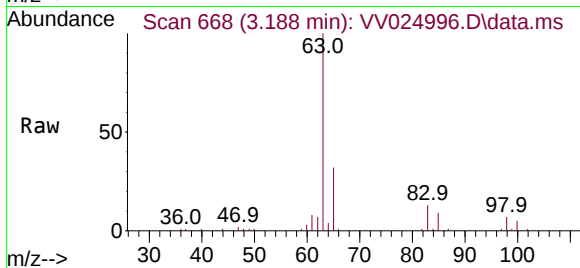
Tgt Ion: 63 Resp: 109902

Ion Ratio Lower Upper

63 100

65 31.9 22.2 41.2

83 13.2 9.4 17.4



#21

2-Butanone

Concen: 42.328 ug/L

RT: 3.982 min Scan# 915

Delta R.T. -0.000 min

Lab File: VV024996.D

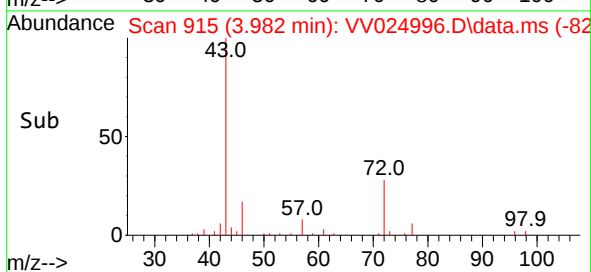
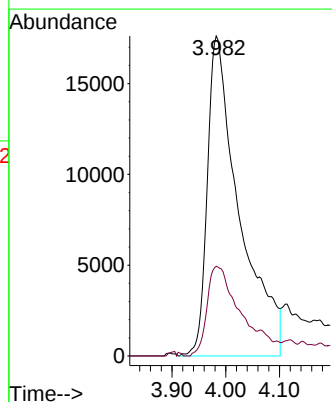
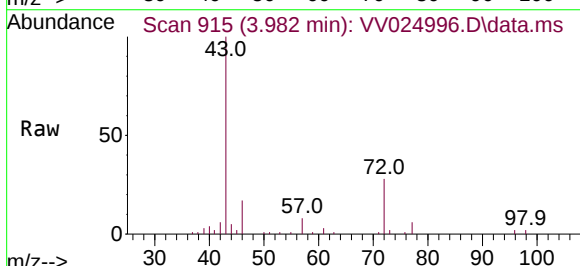
Acq: 15 Mar 2022 14:20

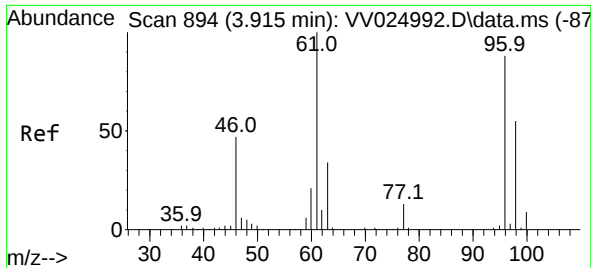
Tgt Ion: 43 Resp: 72745

Ion Ratio Lower Upper

43 100

72 26.8 10.4 31.2

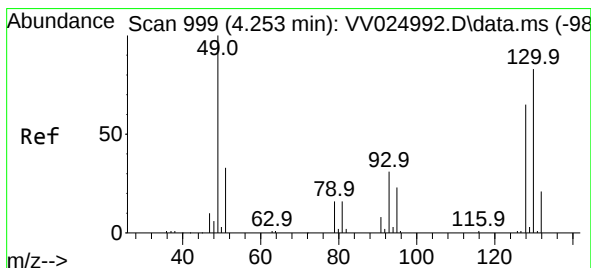
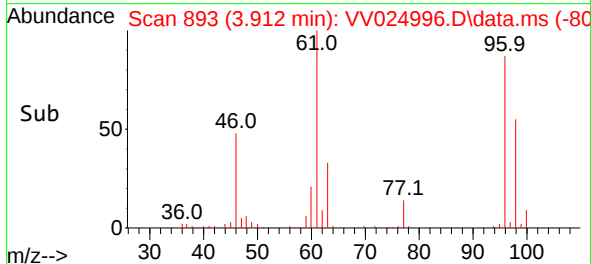
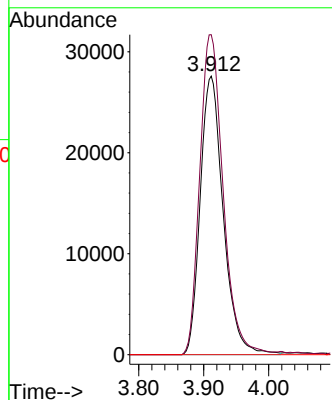
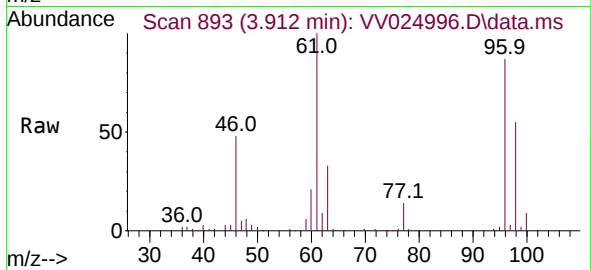




#22
 cis-1,2-Dichloroethene
 Concen: 5.151 ug/L
 RT: 3.912 min Scan# 894
 Delta R.T. -0.003 min
 Lab File: VV024996.D
 Acq: 15 Mar 2022 14:20

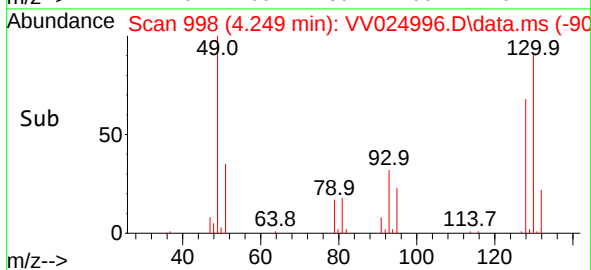
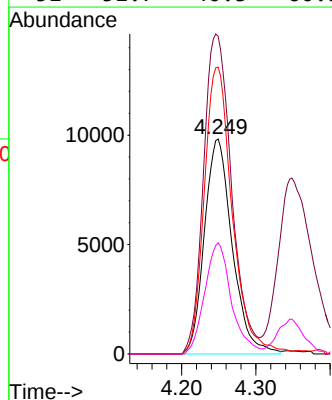
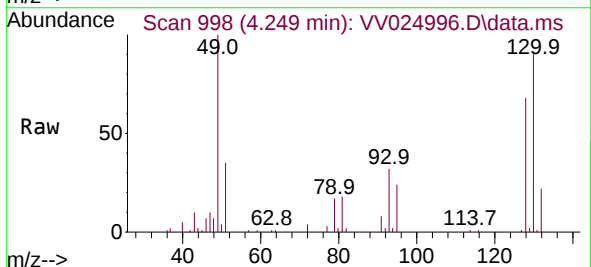
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005330

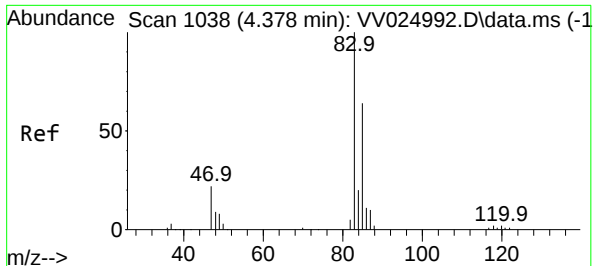
Tgt Ion: 96 Resp: 68031
 Ion Ratio Lower Upper
 96 100
 61 114.9 79.7 147.9
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 4.903 ug/L
 RT: 4.249 min Scan# 998
 Delta R.T. -0.003 min
 Lab File: VV024996.D
 Acq: 15 Mar 2022 14:20

Tgt Ion: 128 Resp: 25530
 Ion Ratio Lower Upper
 128 100
 49 147.7 107.5 199.7
 130 133.3 89.4 166.0
 51 51.7 40.3 60.5





#25

Chloroform

Concen: 4.999 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. -0.007 min

Lab File: VV024996.D

Acq: 15 Mar 2022 14:20

Instrument :

MSVOA_V

ClientSampleId :

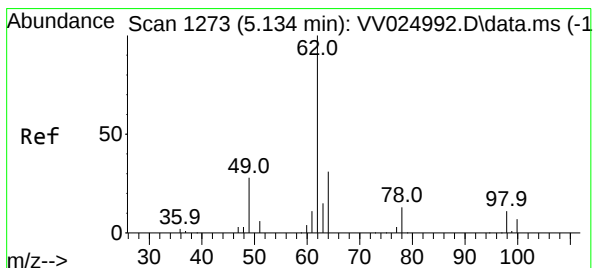
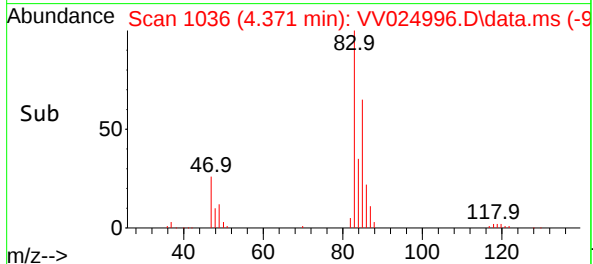
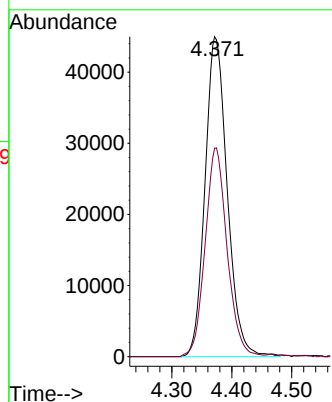
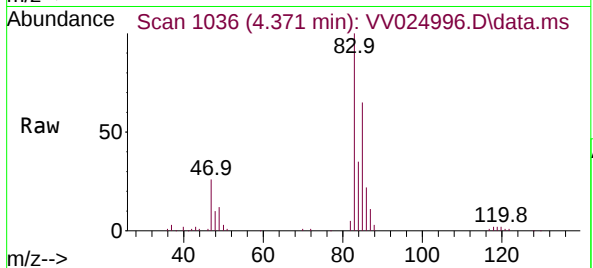
VSTD005330

Tgt Ion: 83 Resp: 115877

Ion Ratio Lower Upper

83 100

85 65.2 44.5 82.7



#27

1,2-Dichloroethane

Concen: 4.959 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. -0.003 min

Lab File: VV024996.D

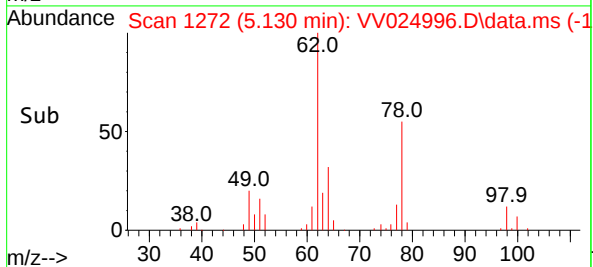
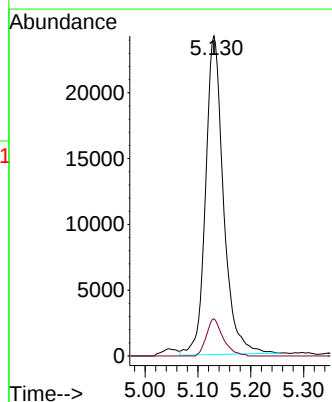
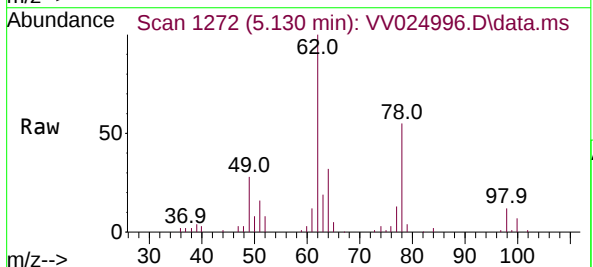
Acq: 15 Mar 2022 14:20

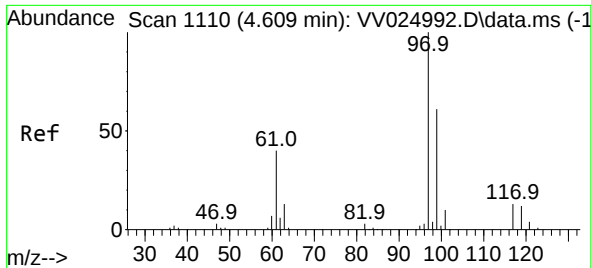
Tgt Ion: 62 Resp: 57158

Ion Ratio Lower Upper

62 100

98 11.6 9.0 13.4





#29

1,1,1-Trichloroethane

Concen: 5.020 ug/L

RT: 4.606 min Scan# 1110

Delta R.T. -0.003 min

Lab File: VV024996.D

Acq: 15 Mar 2022 14:20

Instrument :

MSVOA_V

ClientSampleId :

VSTD005330

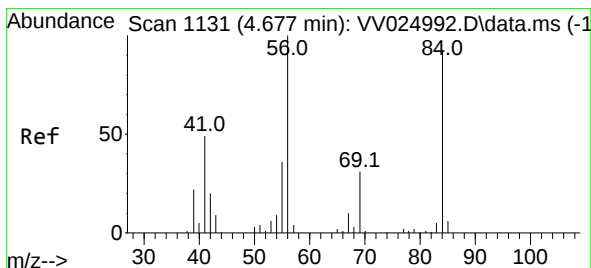
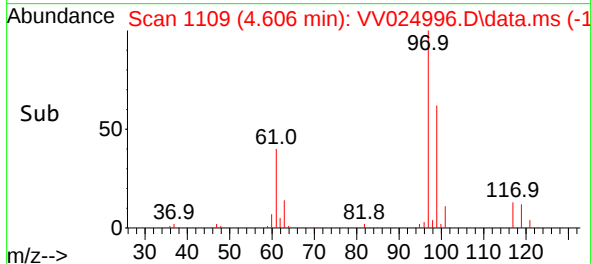
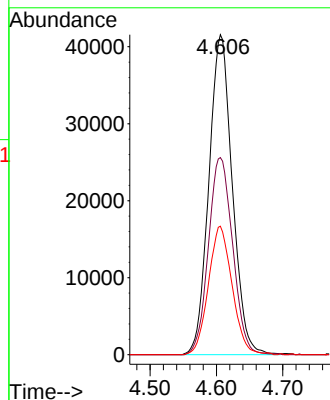
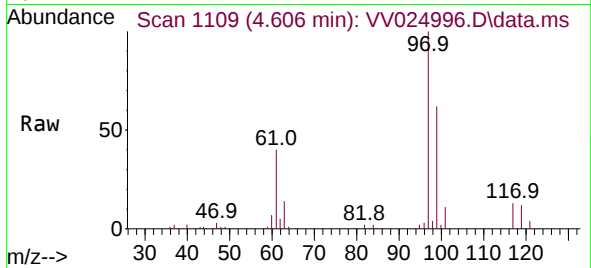
Tgt Ion: 97 Resp: 102123

Ion Ratio Lower Upper

97 100

99 63.7 50.7 76.1

61 40.5 32.4 48.6



#30

Cyclohexane

Concen: 5.013 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. -0.003 min

Lab File: VV024996.D

Acq: 15 Mar 2022 14:20

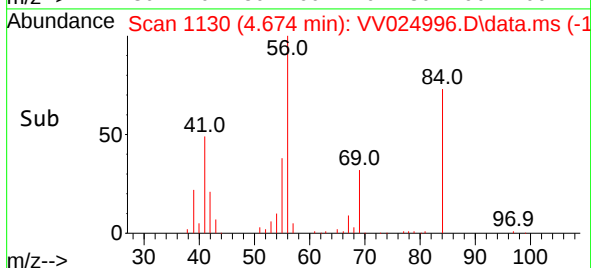
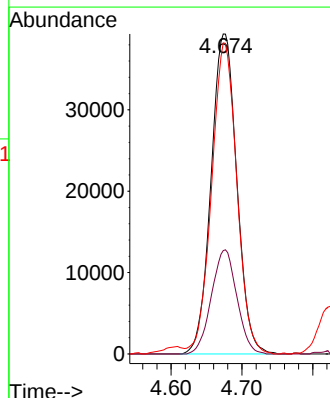
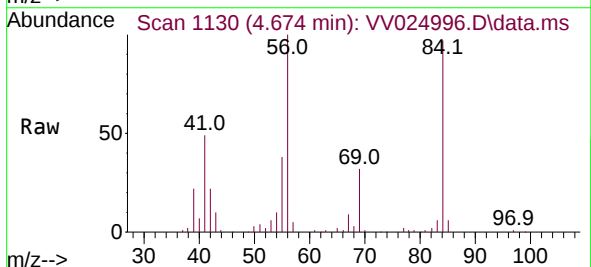
Tgt Ion: 56 Resp: 99229

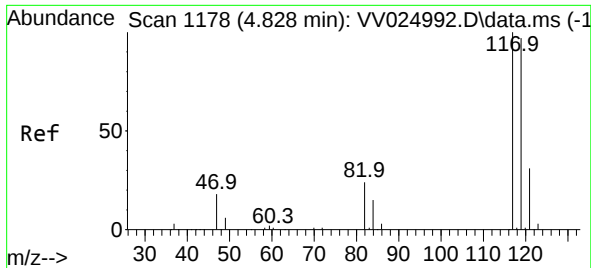
Ion Ratio Lower Upper

56 100

69 32.2 24.9 37.3

84 95.5 75.9 113.9

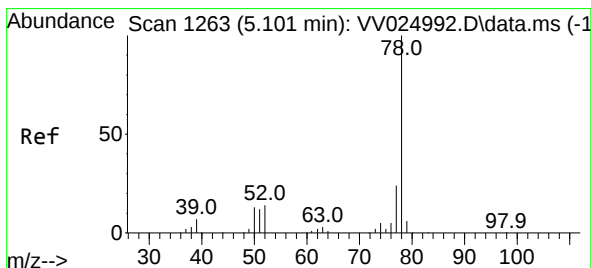
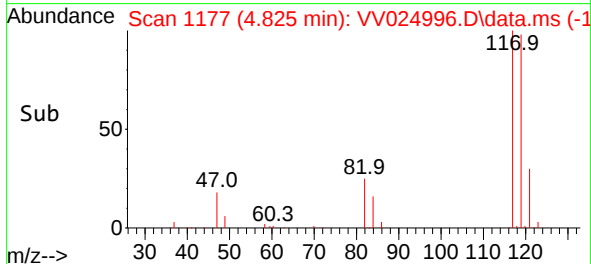
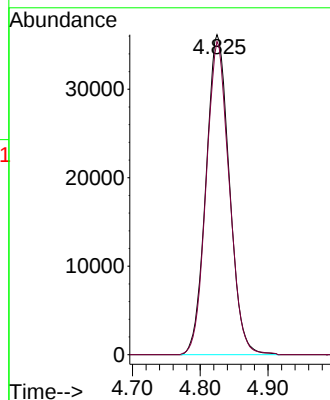
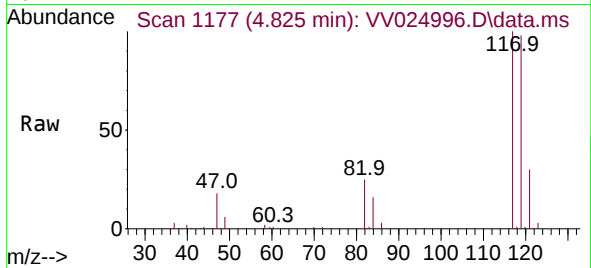




#31
Carbon tetrachloride
Concen: 4.965 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. -0.003 min
Lab File: VV024996.D
Acq: 15 Mar 2022 14:20

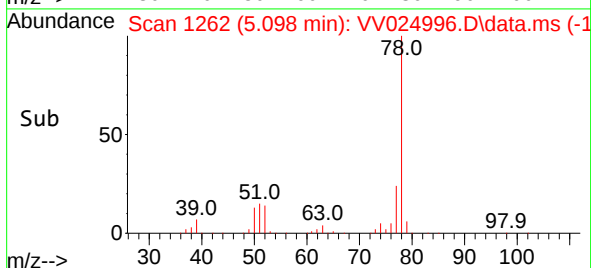
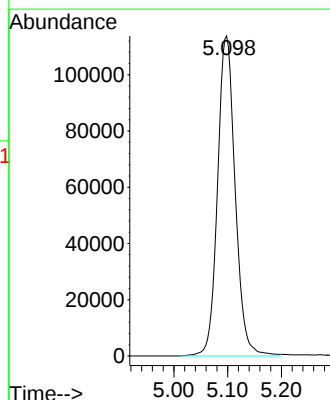
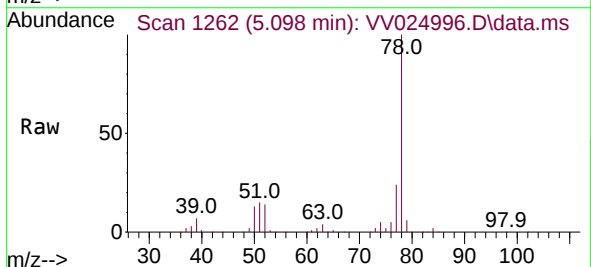
Instrument :
MSVOA_V
ClientSampleId :
VSTD005330

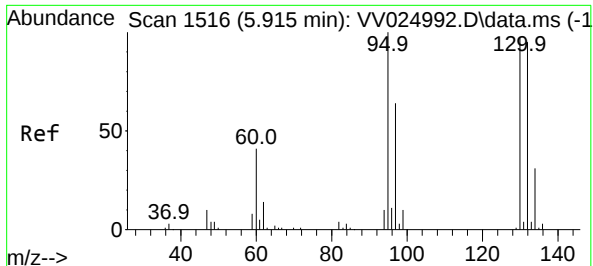
Tgt Ion:117 Resp: 86662
Ion Ratio Lower Upper
117 100
119 96.6 76.8 115.2



#33
Benzene
Concen: 4.996 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. -0.003 min
Lab File: VV024996.D
Acq: 15 Mar 2022 14:20

Tgt Ion: 78 Resp: 259236





#34

Trichloroethene

Concen: 5.036 ug/L

RT: 5.911 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV024996.D

Acq: 15 Mar 2022 14:20

Instrument :

MSVOA_V

ClientSampleId :

VSTD005330

Tgt Ion: 95 Resp: 69568

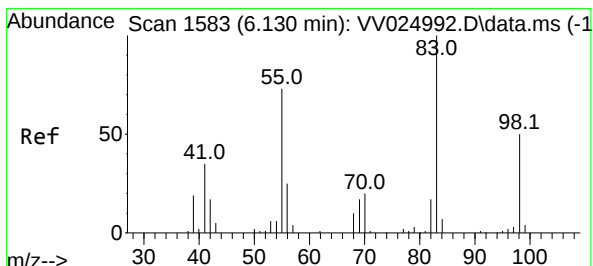
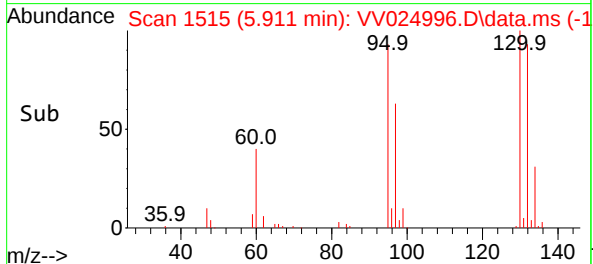
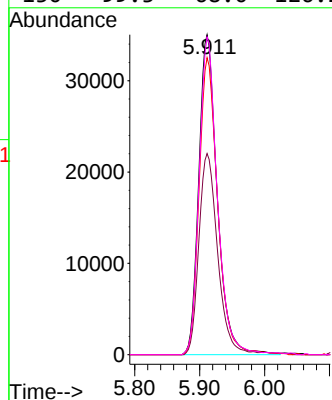
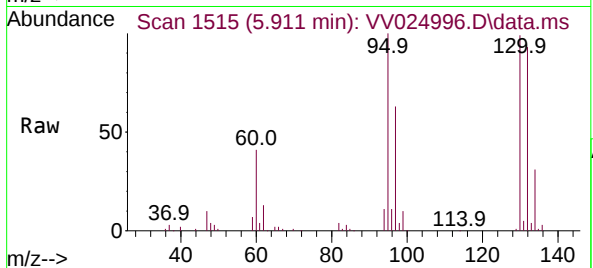
Ion Ratio Lower Upper

95 100

97 62.9 44.5 82.7

132 92.8 66.5 123.5

130 99.3 68.0 126.2



#35

Methylcyclohexane

Concen: 4.992 ug/L

RT: 6.127 min Scan# 1582

Delta R.T. -0.003 min

Lab File: VV024996.D

Acq: 15 Mar 2022 14:20

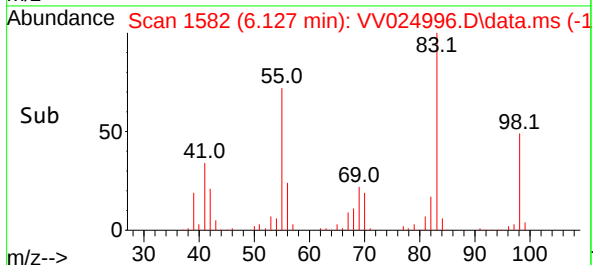
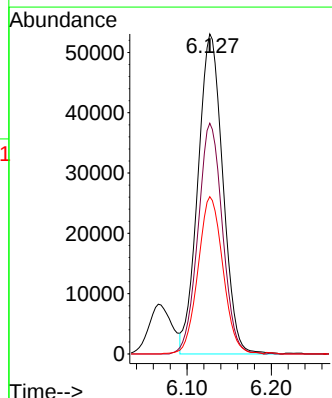
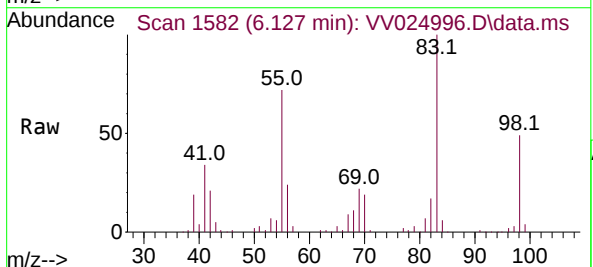
Tgt Ion: 83 Resp: 109178

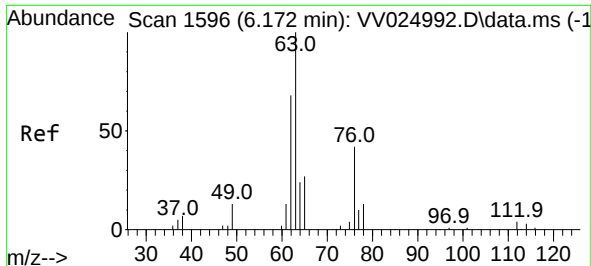
Ion Ratio Lower Upper

83 100

55 70.7 55.4 83.0

98 49.2 38.4 57.6

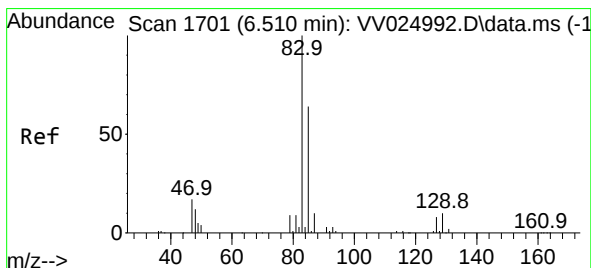
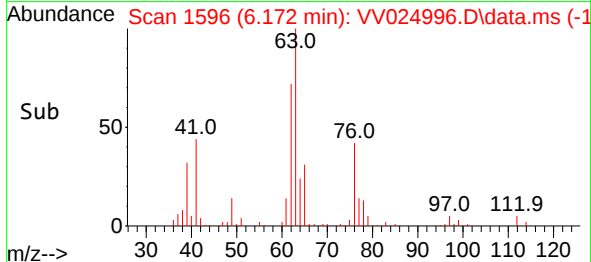
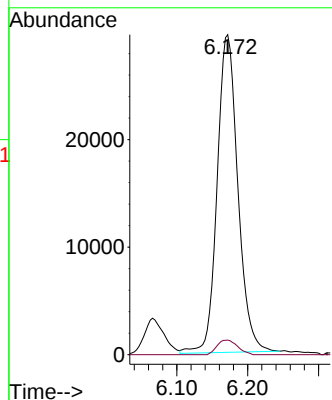
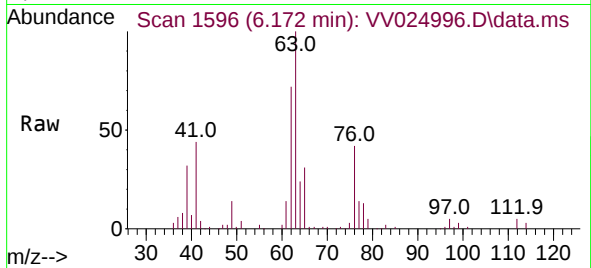




#37
1,2-Dichloropropane
Concen: 5.032 ug/L
RT: 6.172 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV024996.D
Acq: 15 Mar 2022 14:20

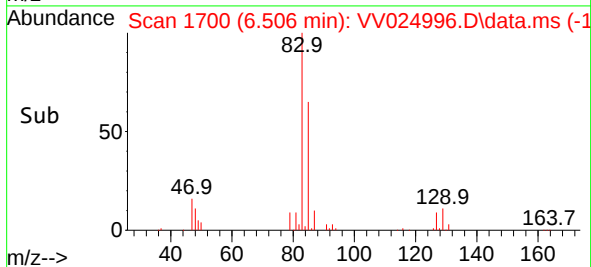
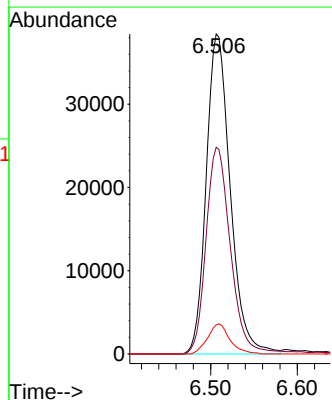
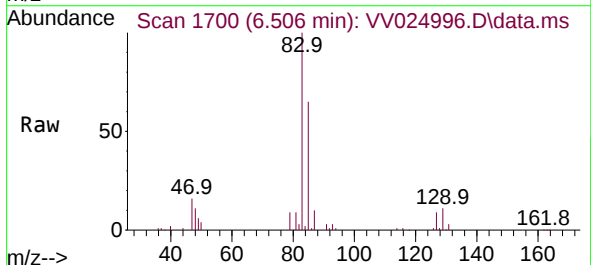
Instrument :
MSVOA_V
ClientSampleId :
VSTD005330

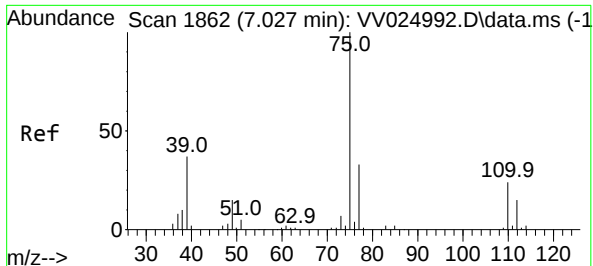
Tgt Ion: 63 Resp: 60004
Ion Ratio Lower Upper
63 100
112 4.5 3.8 5.6



#38
Bromodichloromethane
Concen: 4.916 ug/L
RT: 6.506 min Scan# 1700
Delta R.T. -0.003 min
Lab File: VV024996.D
Acq: 15 Mar 2022 14:20

Tgt Ion: 83 Resp: 74126
Ion Ratio Lower Upper
83 100
85 64.6 44.8 83.2
127 9.1 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 5.045 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. -0.003 min

Lab File: VV024996.D

Acq: 15 Mar 2022 14:20

Instrument :

MSVOA_V

ClientSampleId :

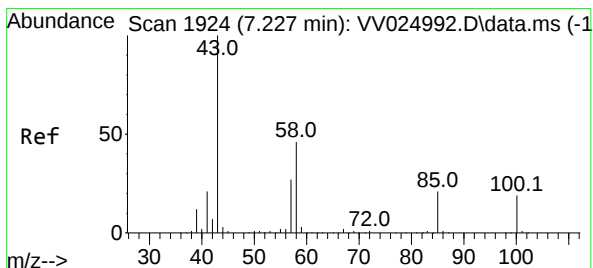
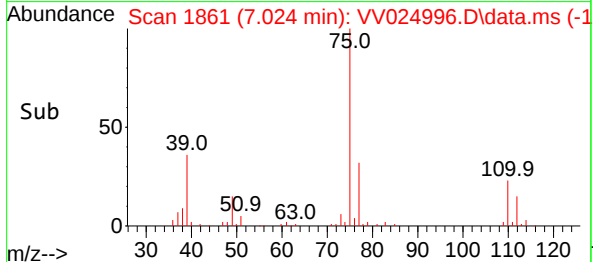
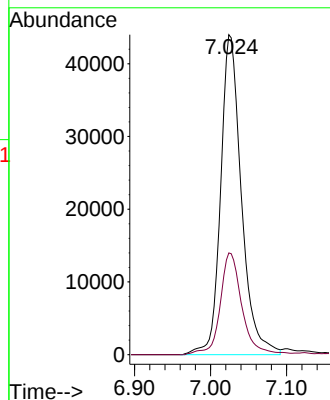
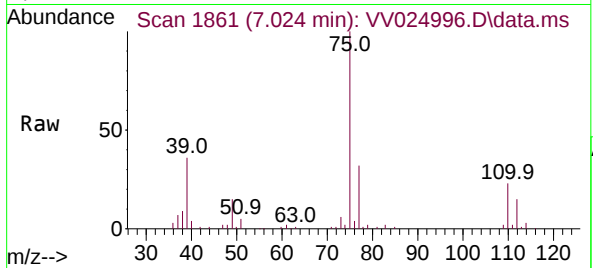
VSTD005330

Tgt Ion: 75 Resp: 83528

Ion Ratio Lower Upper

75 100

77 31.8 23.0 42.8



#40

4-Methyl-2-pentanone

Concen: 51.498 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.003 min

Lab File: VV024996.D

Acq: 15 Mar 2022 14:20

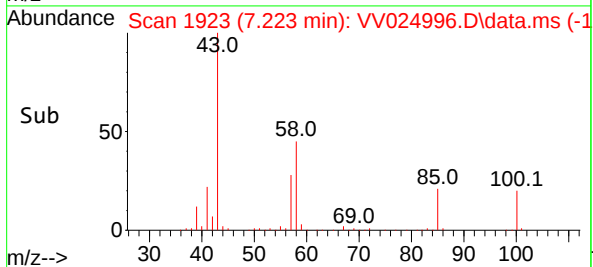
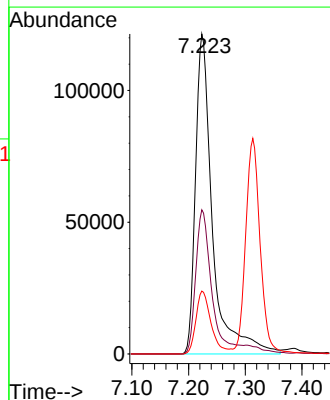
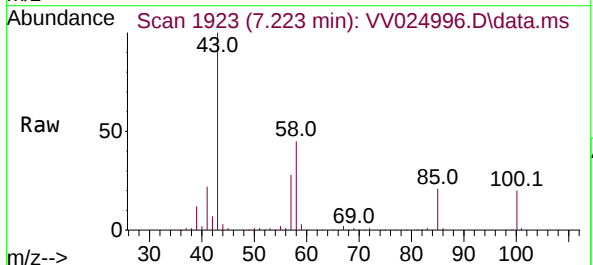
Tgt Ion: 43 Resp: 252658

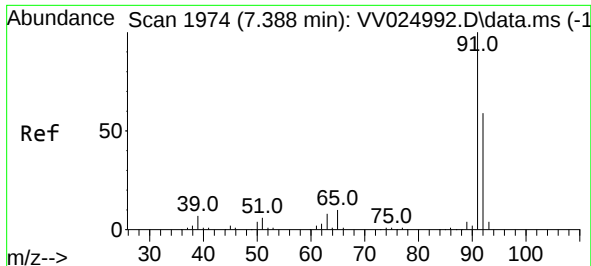
Ion Ratio Lower Upper

43 100

58 42.5 36.6 55.0

100 17.5 13.8 20.8





#42

Toluene

Concen: 5.100 ug/L

RT: 7.384 min Scan# 1974

Delta R.T. -0.003 min

Lab File: VV024996.D

Acq: 15 Mar 2022 14:20

Instrument :

MSVOA_V

ClientSampleId :

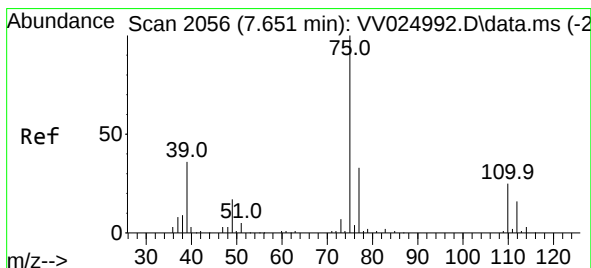
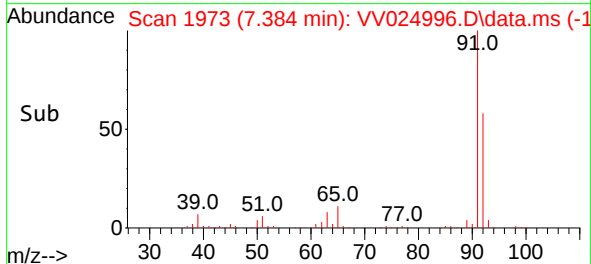
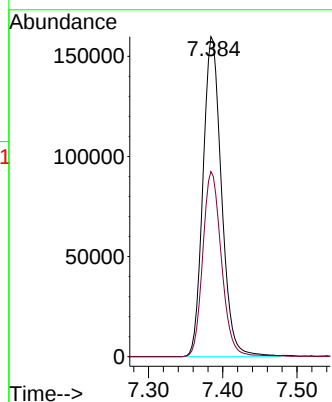
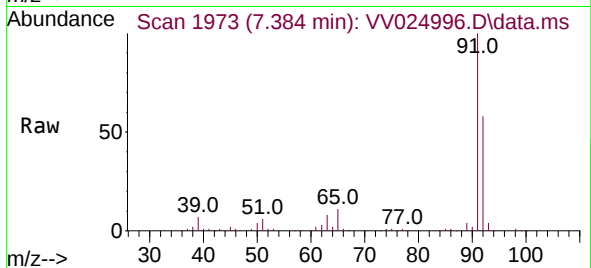
VSTD005330

Tgt Ion: 91 Resp: 276939

Ion Ratio Lower Upper

91 100

92 57.9 41.2 76.4



#44

trans-1,3-Dichloropropene

Concen: 5.055 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. -0.003 min

Lab File: VV024996.D

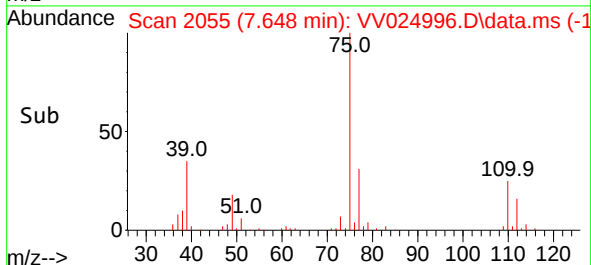
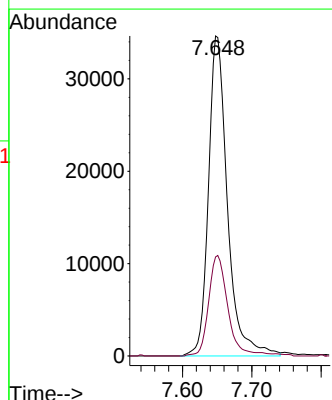
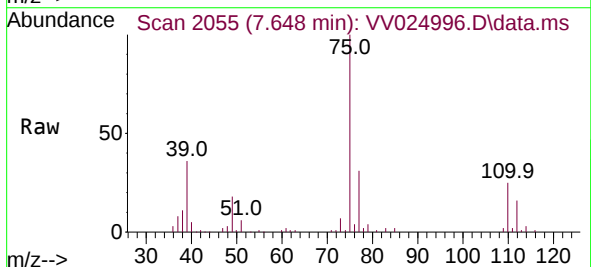
Acq: 15 Mar 2022 14:20

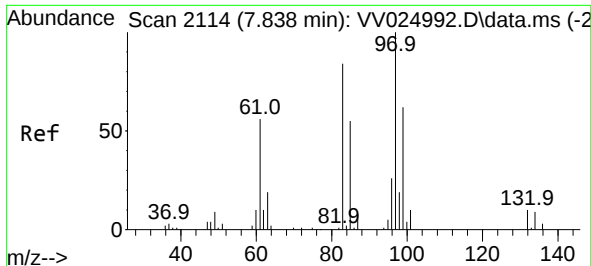
Tgt Ion: 75 Resp: 65847

Ion Ratio Lower Upper

75 100

77 31.0 23.0 42.6





#45

1,1,2-Trichloroethane

Concen: 4.993 ug/L

RT: 7.837 min Scan# 2114

Delta R.T. -0.000 min

Lab File: VV024996.D

Acq: 15 Mar 2022 14:20

Instrument :

MSVOA_V

ClientSampleId :

VSTD005330

Tgt Ion: 97 Resp: 39765

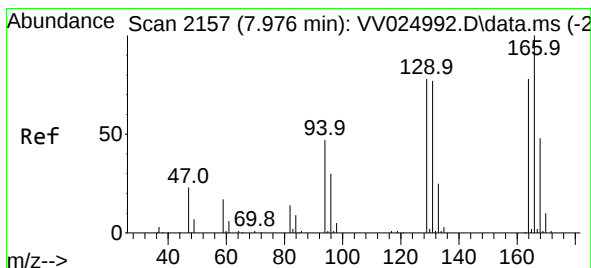
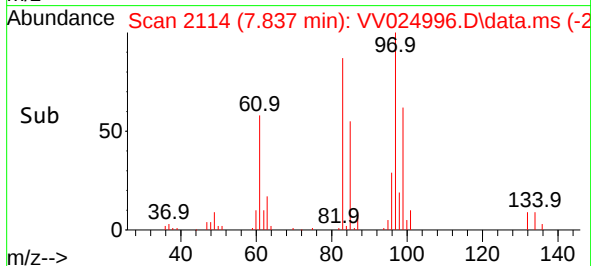
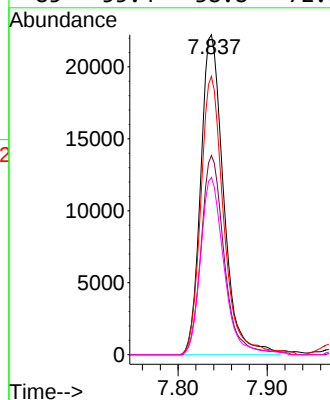
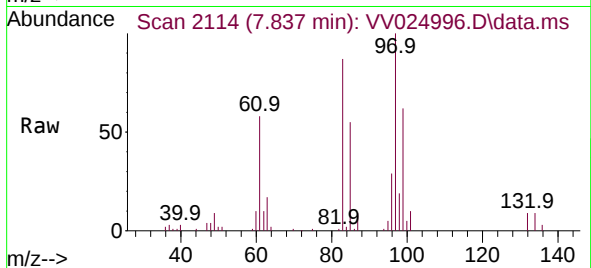
Ion Ratio Lower Upper

97 100

99 62.3 43.7 81.1

83 87.0 58.9 109.3

85 55.4 38.8 72.0



#47

Tetrachloroethene

Concen: 4.905 ug/L

RT: 7.972 min Scan# 2156

Delta R.T. -0.003 min

Lab File: VV024996.D

Acq: 15 Mar 2022 14:20

Tgt Ion:164 Resp: 47672

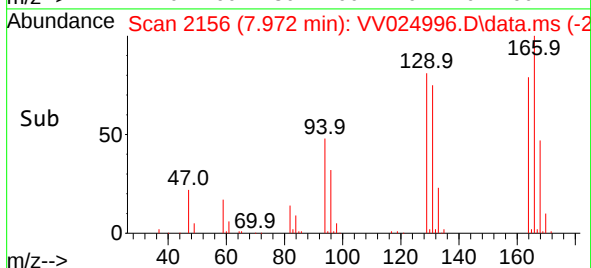
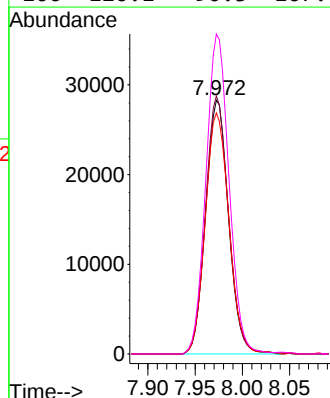
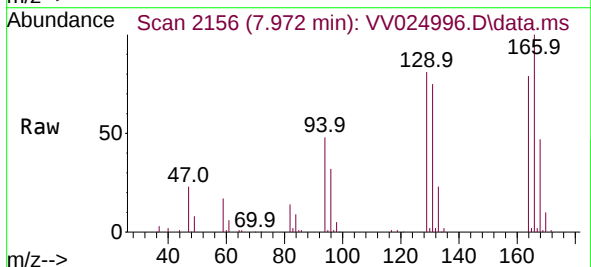
Ion Ratio Lower Upper

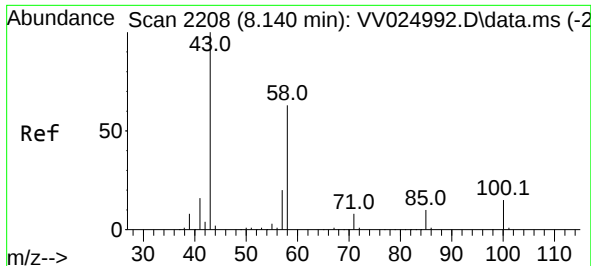
164 100

129 101.7 70.3 130.7

131 94.9 69.4 129.0

166 126.1 90.3 167.7



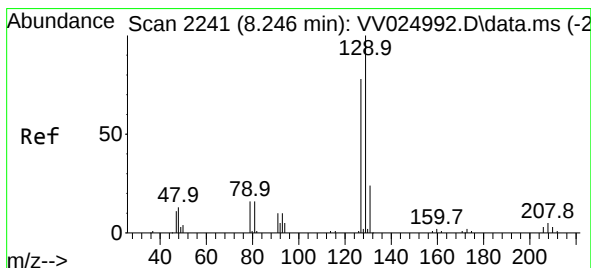
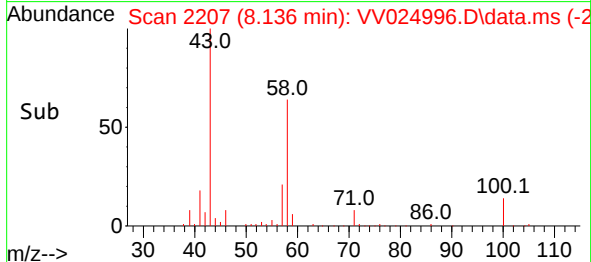
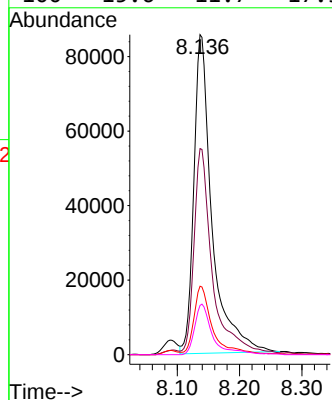
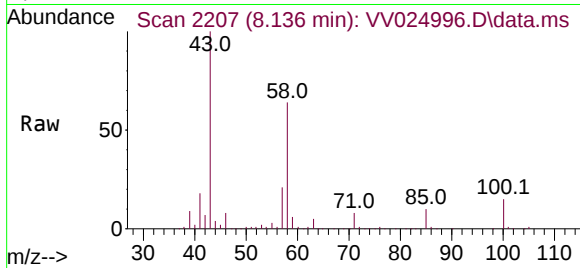


#48
2-Hexanone
Concen: 49.826 ug/L
RT: 8.136 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV024996.D
Acq: 15 Mar 2022 14:20

Instrument :
MSVOA_V
ClientSampleId :
VSTD005330

Tgt Ion: 43 Resp: 173307

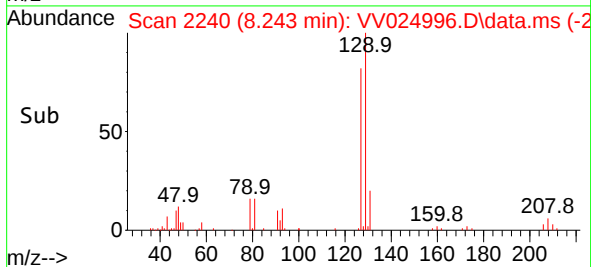
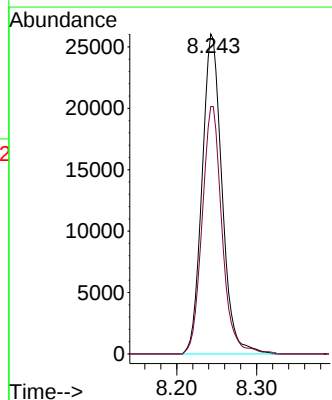
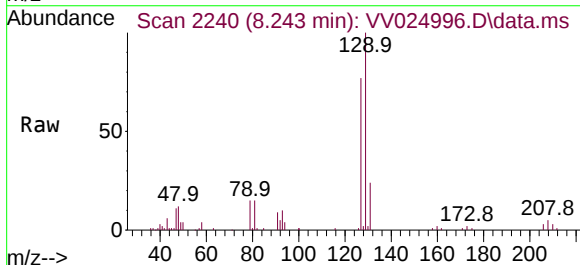
Ion	Ratio	Lower	Upper
43	100		
58	64.4	49.2	73.8
57	21.1	16.0	24.0
100	15.6	11.7	17.5

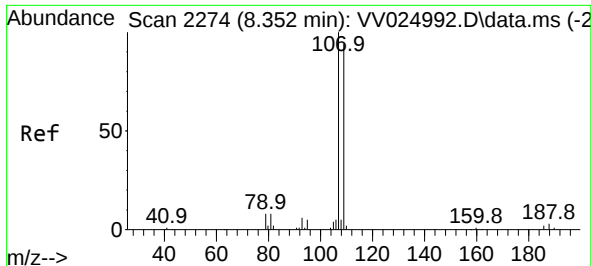


#49
Dibromochloromethane
Concen: 5.082 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. -0.003 min
Lab File: VV024996.D
Acq: 15 Mar 2022 14:20

Tgt Ion: 129 Resp: 45305

Ion	Ratio	Lower	Upper
129	100		
127	77.3	54.9	102.1





#50

1,2-Dibromoethane

Concen: 5.041 ug/L

RT: 8.352 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV024996.D

Acq: 15 Mar 2022 14:20

Instrument :

MSVOA_V

ClientSampleId :

VSTD005330

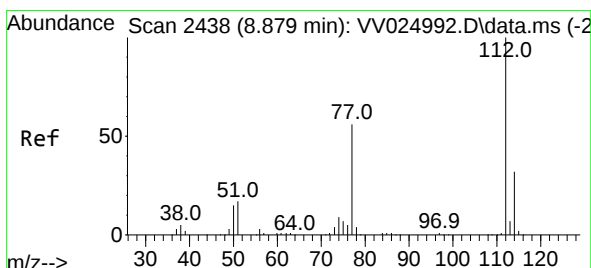
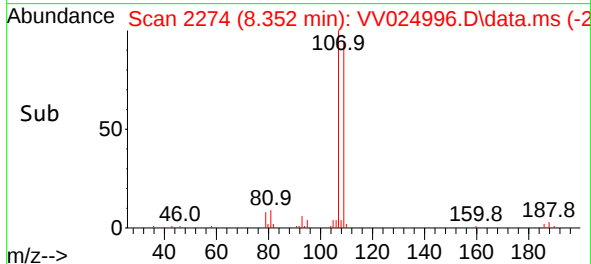
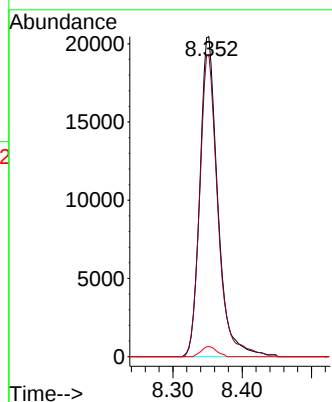
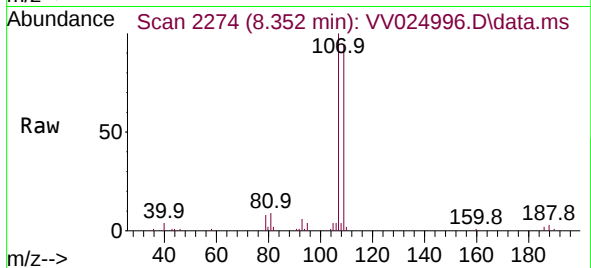
Tgt Ion:107 Resp: 36743

Ion Ratio Lower Upper

107 100

109 94.4 65.5 121.6

188 3.2 2.4 3.6



#51

Chlorobenzene

Concen: 5.017 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. -0.000 min

Lab File: VV024996.D

Acq: 15 Mar 2022 14:20

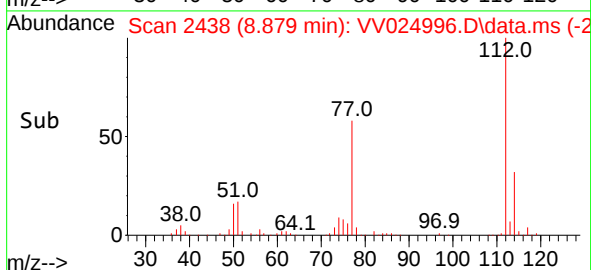
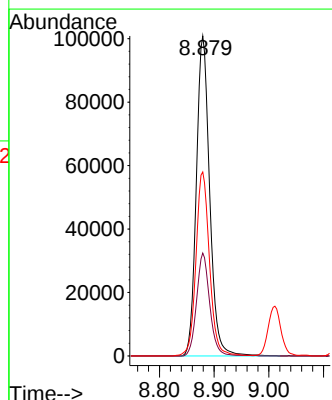
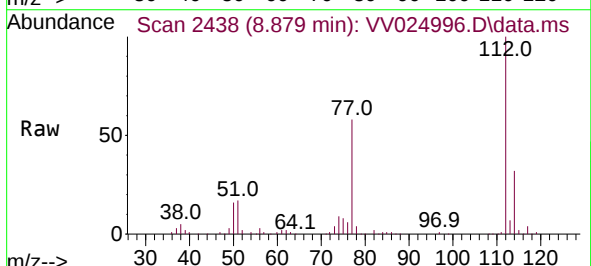
Tgt Ion:112 Resp: 170596

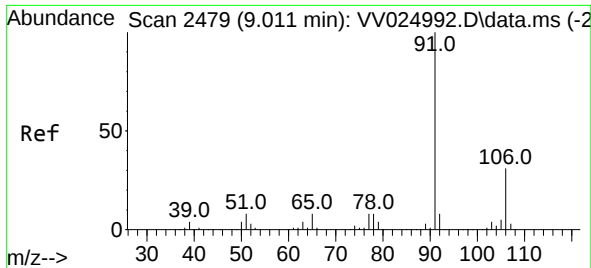
Ion Ratio Lower Upper

112 100

114 32.2 22.5 41.7

77 57.5 45.3 67.9

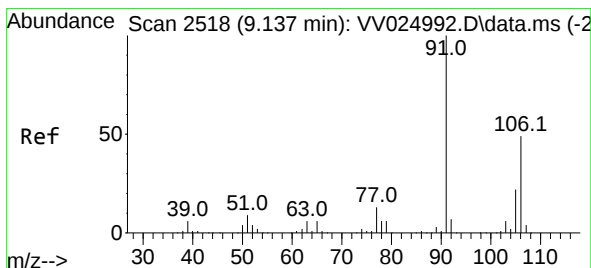
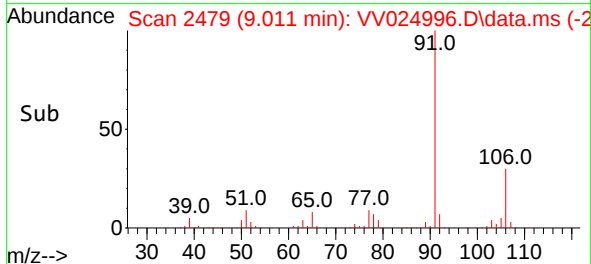
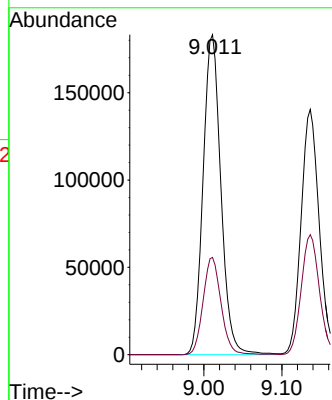
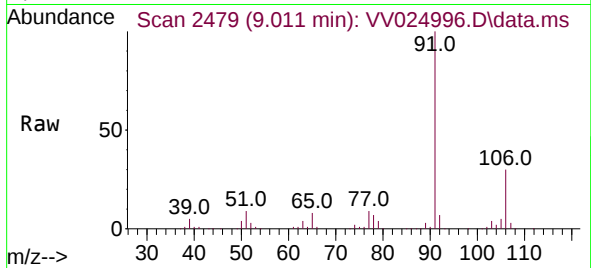




#52
Ethylbenzene
Concen: 5.064 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. -0.000 min
Lab File: VV024996.D
Acq: 15 Mar 2022 14:20

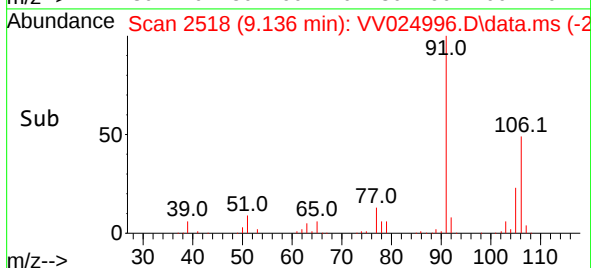
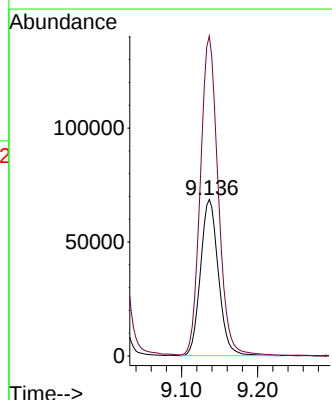
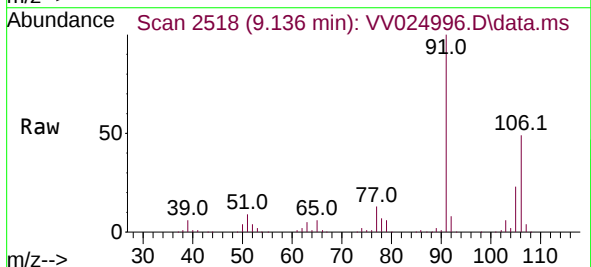
Instrument :
MSVOA_V
ClientSampleId :
VSTD005330

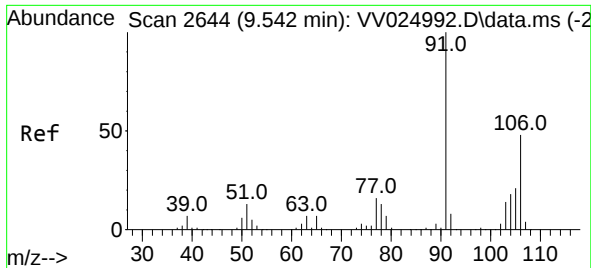
Tgt Ion: 91 Resp: 290875
Ion Ratio Lower Upper
91 100
106 30.4 21.9 40.7



#53
m,p-xylene
Concen: 5.066 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. -0.000 min
Lab File: VV024996.D
Acq: 15 Mar 2022 14:20

Tgt Ion: 106 Resp: 112066
Ion Ratio Lower Upper
106 100
91 204.4 143.4 266.4

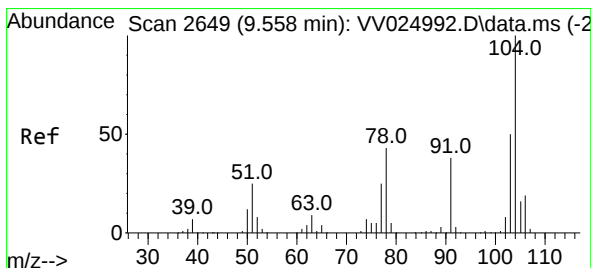
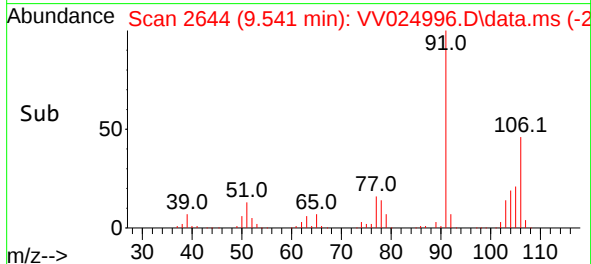
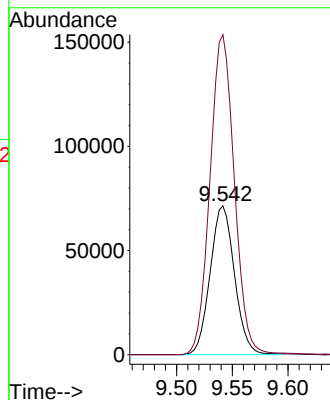
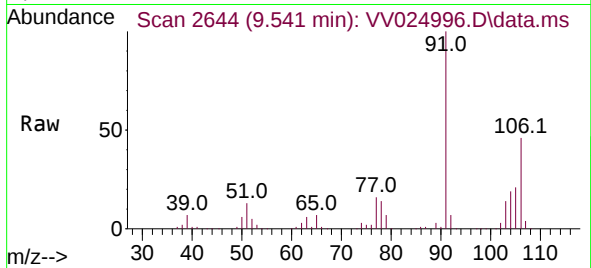




#54
o-xylene
Concen: 5.137 ug/L
RT: 9.541 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV024996.D
Acq: 15 Mar 2022 14:20

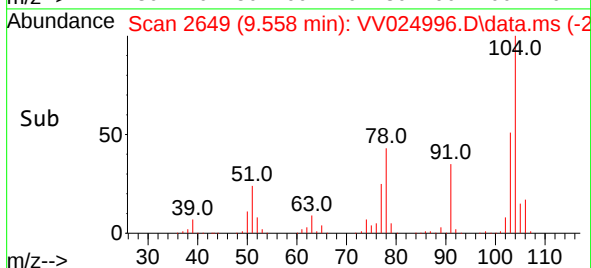
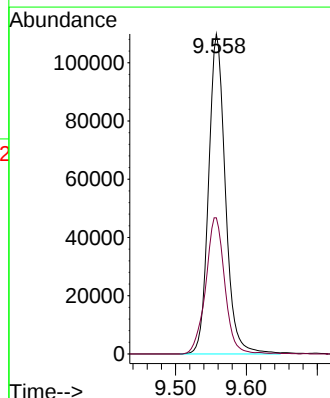
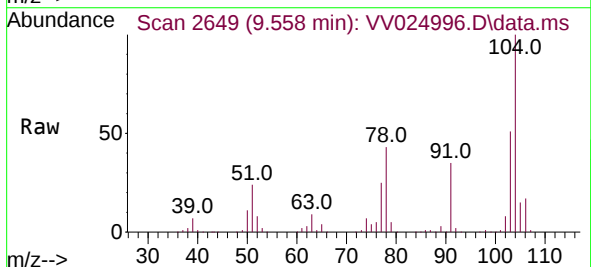
Instrument :
MSVOA_V
ClientSampleId :
VSTD005330

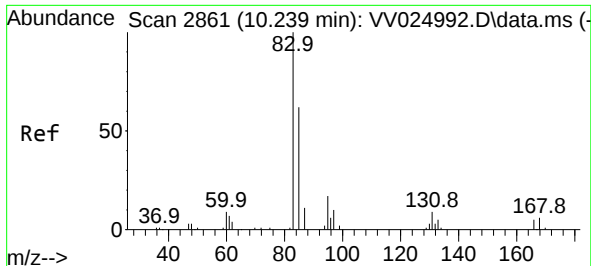
Tgt Ion:106 Resp: 108661
Ion Ratio Lower Upper
106 100
91 215.1 146.7 272.5



#55
Styrene
Concen: 5.251 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.000 min
Lab File: VV024996.D
Acq: 15 Mar 2022 14:20

Tgt Ion:104 Resp: 180889
Ion Ratio Lower Upper
104 100
78 42.5 30.2 56.2





#57

1,1,2,2-Tetrachloroethane

Concen: 5.277 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. -0.000 min

Lab File: VV024996.D

Acq: 15 Mar 2022 14:20

Instrument :

MSVOA_V

ClientSampleId :

VSTD005330

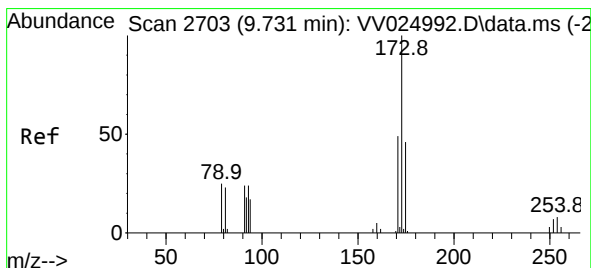
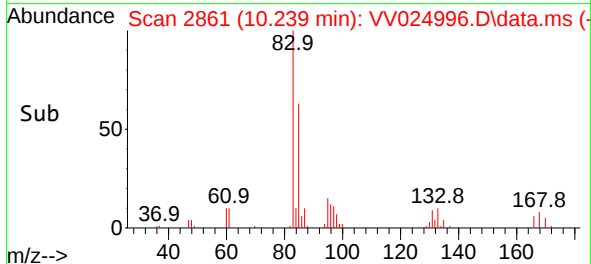
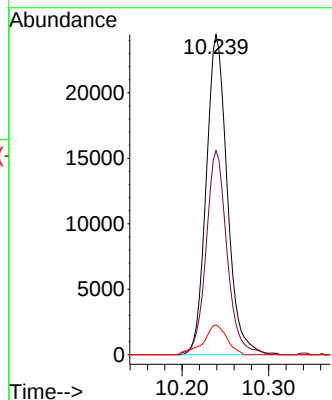
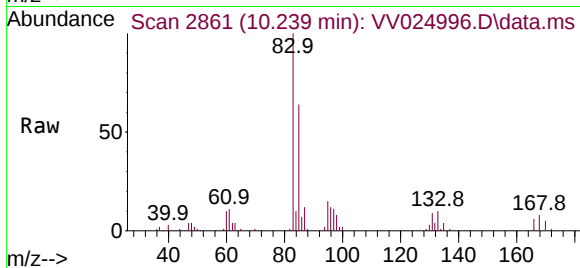
Tgt Ion: 83 Resp: 41201

Ion Ratio Lower Upper

83 100

85 63.7 43.9 81.5

131 9.3 7.5 11.3



#59

Bromoform

Concen: 4.892 ug/L

RT: 9.731 min Scan# 2703

Delta R.T. -0.000 min

Lab File: VV024996.D

Acq: 15 Mar 2022 14:20

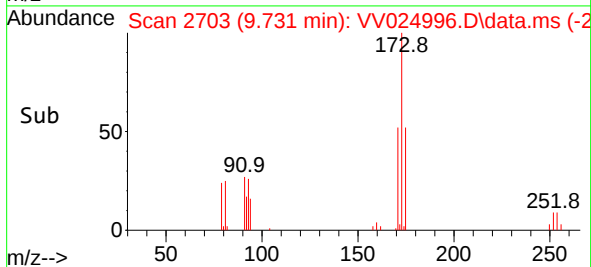
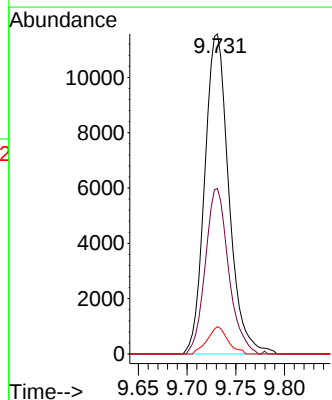
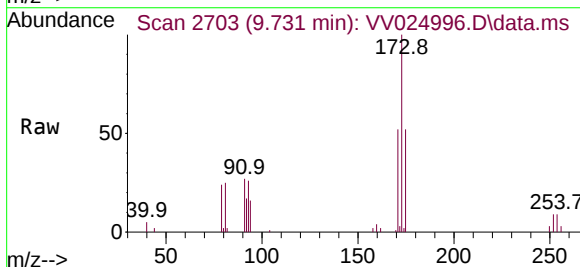
Tgt Ion: 173 Resp: 19913

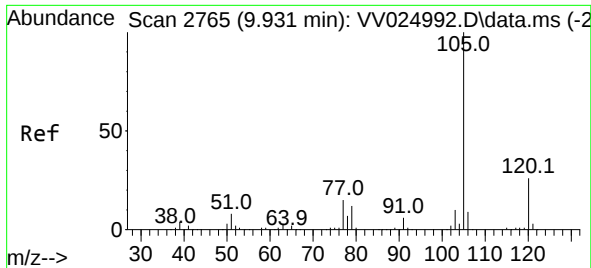
Ion Ratio Lower Upper

173 100

175 49.9 37.8 56.8

254 7.2 5.8 8.6

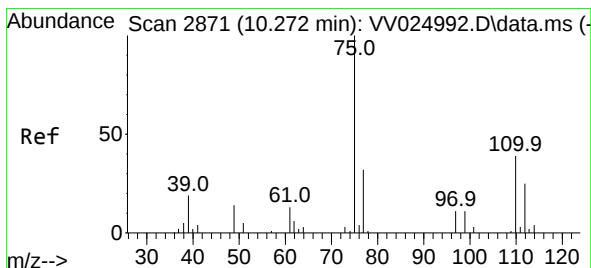
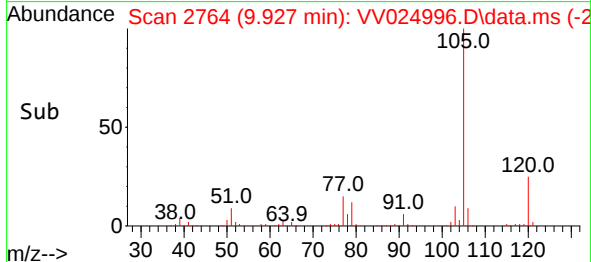
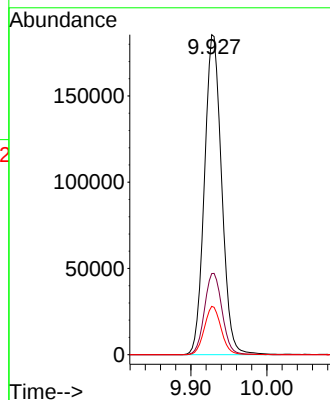
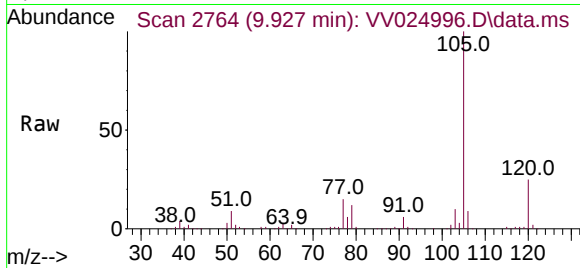




#60
Isopropylbenzene
Concen: 5.119 ug/L
RT: 9.927 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV024996.D
Acq: 15 Mar 2022 14:20

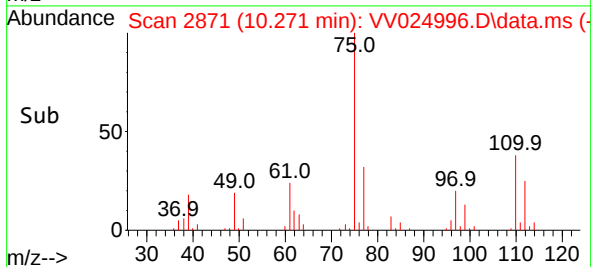
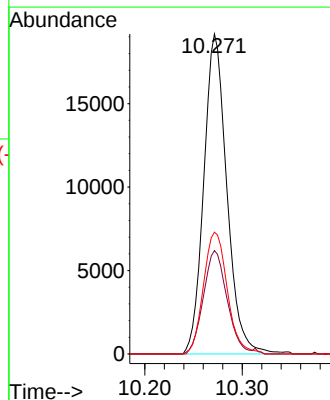
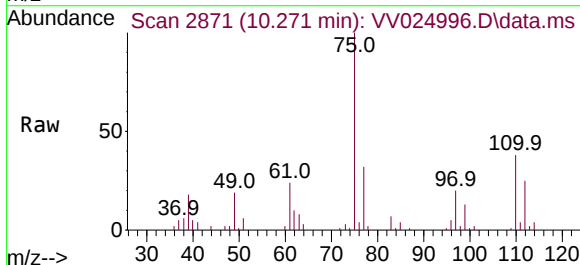
Instrument :
MSVOA_V
ClientSampleId :
VSTD005330

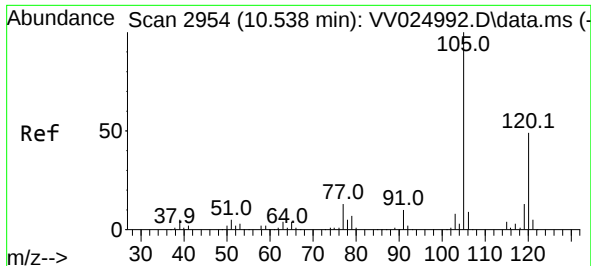
Tgt Ion:105 Resp: 291746
Ion Ratio Lower Upper
105 100
120 26.0 20.7 31.1
77 14.8 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 4.959 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV024996.D
Acq: 15 Mar 2022 14:20

Tgt Ion: 75 Resp: 31521
Ion Ratio Lower Upper
75 100
77 33.5 25.7 38.5
110 39.4 31.2 46.8

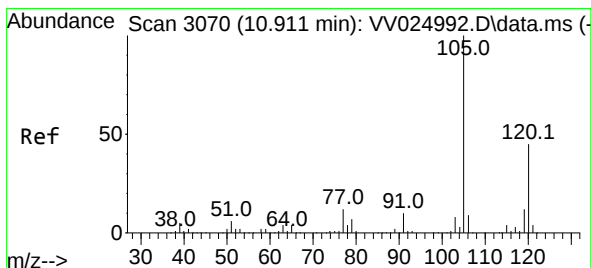
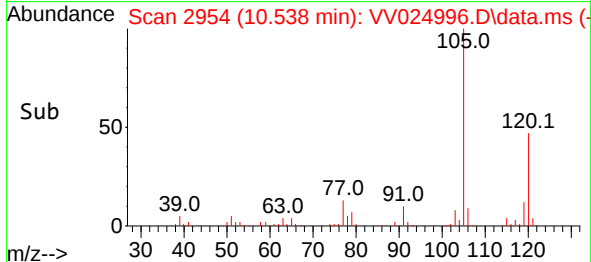
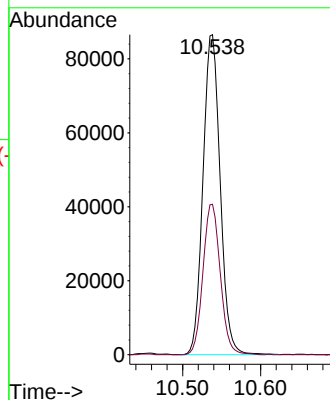
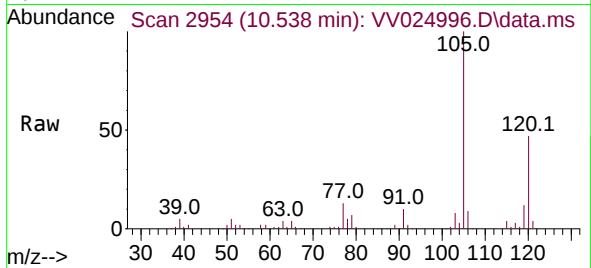




#62
1,3,5-Trimethylbenzene
Concen: 5.133 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. -0.000 min
Lab File: VV024996.D
Acq: 15 Mar 2022 14:20

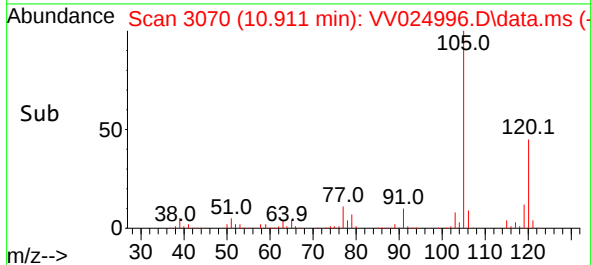
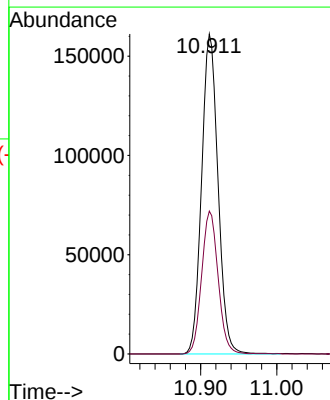
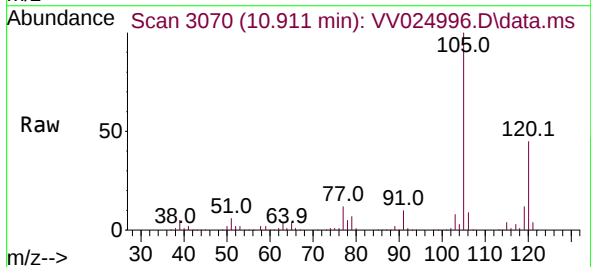
Instrument :
MSVOA_V
ClientSampleId :
VSTD005330

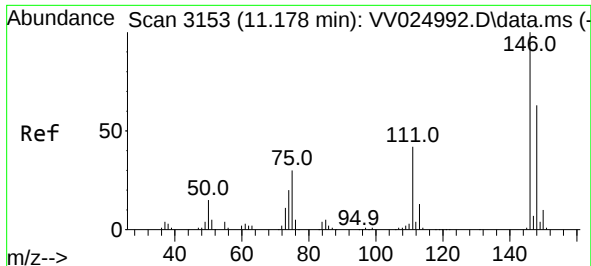
Tgt Ion:105 Resp: 132757
Ion Ratio Lower Upper
105 100
120 47.3 38.5 57.7



#63
1,2,4-Trimethylbenzene
Concen: 5.266 ug/L
RT: 10.911 min Scan# 3070
Delta R.T. -0.000 min
Lab File: VV024996.D
Acq: 15 Mar 2022 14:20

Tgt Ion:105 Resp: 241196
Ion Ratio Lower Upper
105 100
120 44.7 35.8 53.8

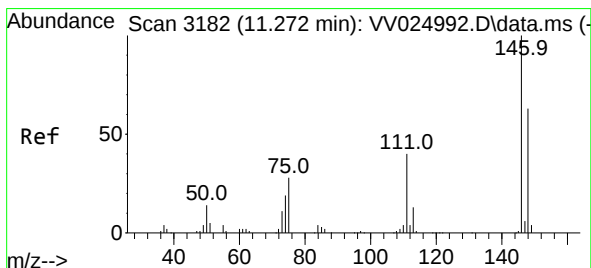
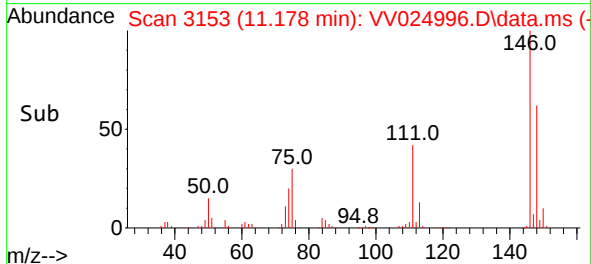
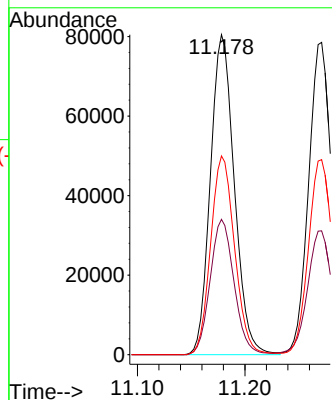
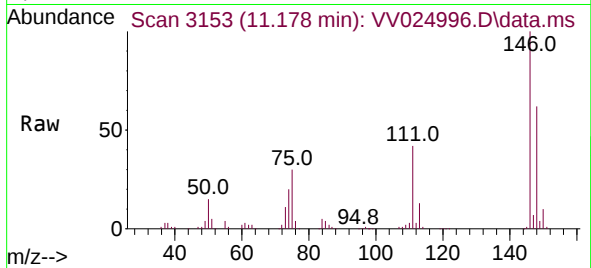




#64
1,3-Dichlorobenzene
Concen: 5.034 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV024996.D
Acq: 15 Mar 2022 14:20

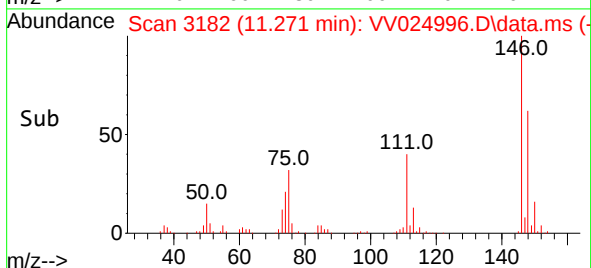
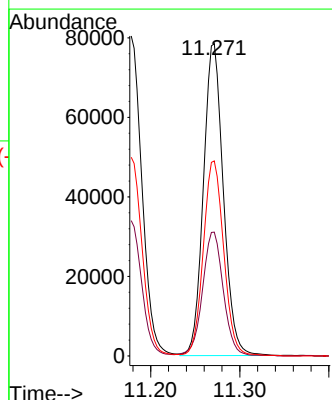
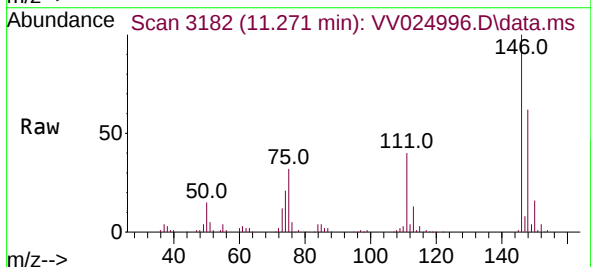
Instrument :
MSVOA_V
ClientSampleId :
VSTD005330

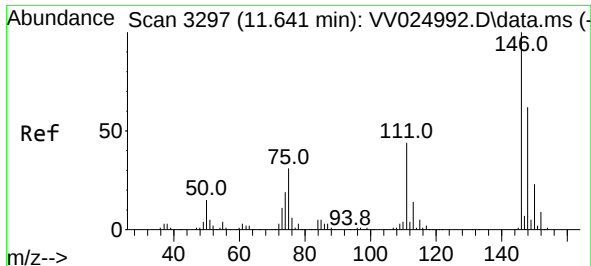
Tgt Ion:146 Resp: 124465
Ion Ratio Lower Upper
146 100
111 42.3 29.2 54.2
148 62.1 43.8 81.4



#65
1,4-Dichlorobenzene
Concen: 4.883 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV024996.D
Acq: 15 Mar 2022 14:20

Tgt Ion:146 Resp: 121714
Ion Ratio Lower Upper
146 100
111 39.6 28.2 52.4
148 62.5 43.8 81.4

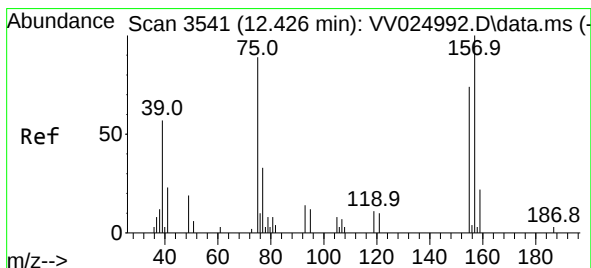
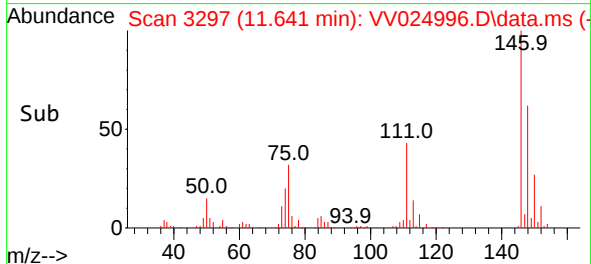
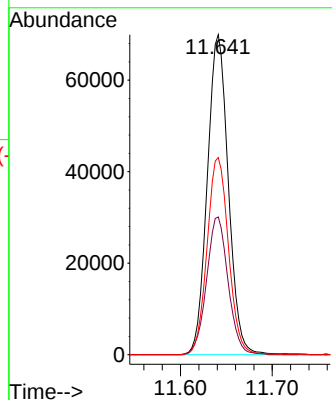
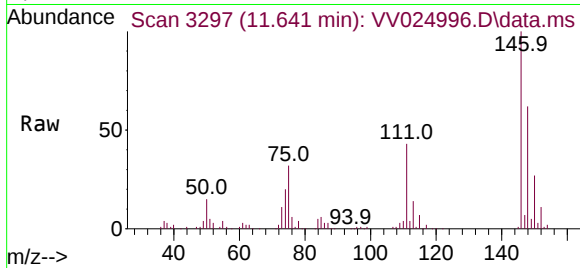




#67
 1,2-Dichlorobenzene
 Concen: 5.090 ug/L
 RT: 11.641 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV024996.D
 Acq: 15 Mar 2022 14:20

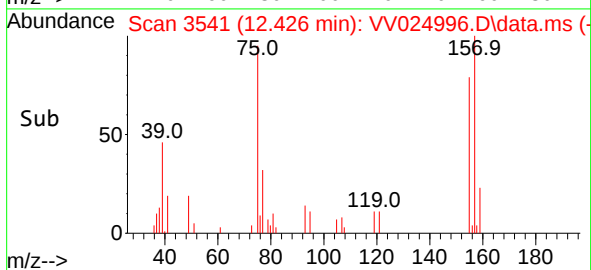
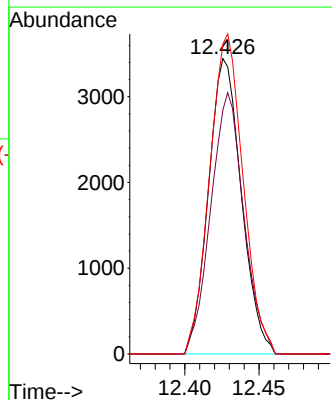
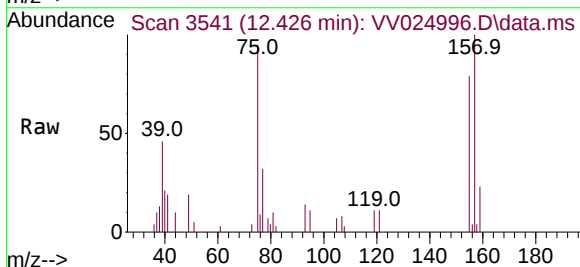
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005330

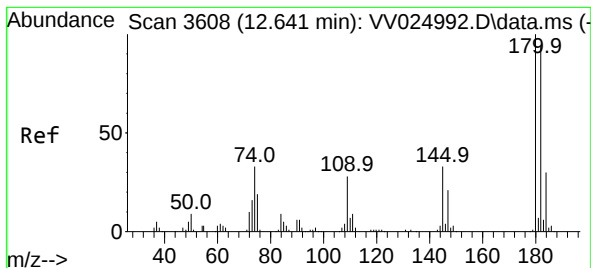
Tgt Ion:146 Resp: 111518
 Ion Ratio Lower Upper
 146 100
 111 43.0 35.5 53.3
 148 61.6 49.7 74.5



#68
 1,2-Dibromo-3-chloropropane
 Concen: 4.860 ug/L
 RT: 12.426 min Scan# 3541
 Delta R.T. -0.000 min
 Lab File: VV024996.D
 Acq: 15 Mar 2022 14:20

Tgt Ion: 75 Resp: 5296
 Ion Ratio Lower Upper
 75 100
 155 82.7 65.9 98.9
 157 105.1 89.7 134.5





#69

1,3,5-Trichlorobenzene

Concen: 4.963 ug/L

RT: 12.641 min Scan# 3608

Delta R.T. -0.000 min

Lab File: VV024996.D

Acq: 15 Mar 2022 14:20

Instrument :

MSVOA_V

ClientSampleId :

VSTD005330

Tgt Ion:180 Resp: 86672

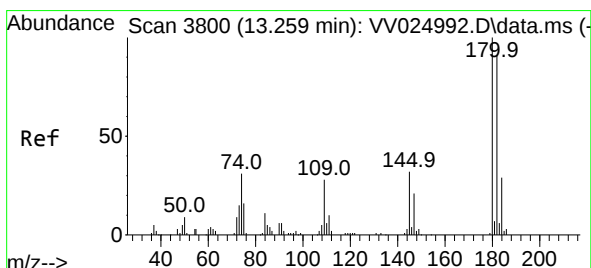
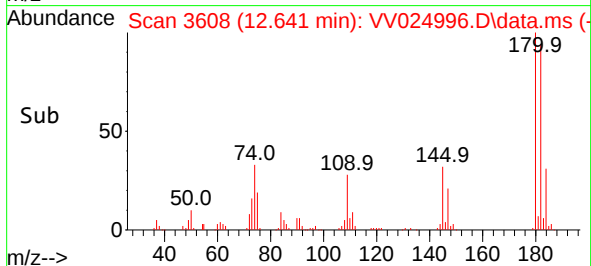
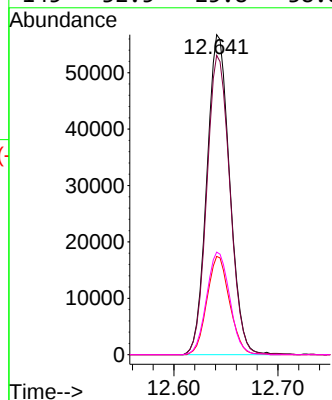
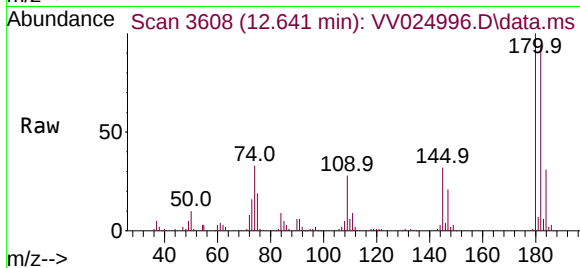
Ion Ratio Lower Upper

180 100

182 94.4 75.4 113.0

184 30.4 24.2 36.4

145 32.5 25.8 38.8



#70

1,2,4-trichlorobenzene

Concen: 4.990 ug/L

RT: 13.258 min Scan# 3800

Delta R.T. -0.000 min

Lab File: VV024996.D

Acq: 15 Mar 2022 14:20

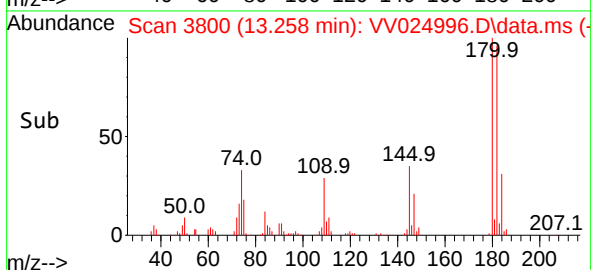
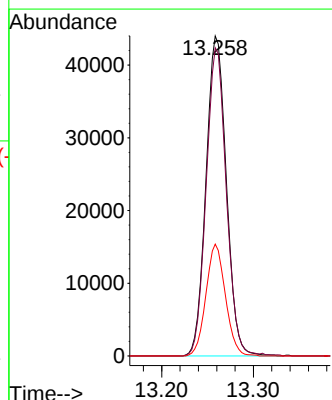
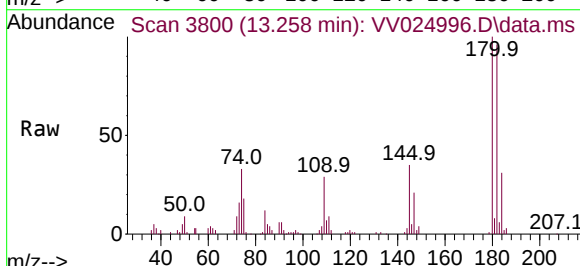
Tgt Ion:180 Resp: 67900

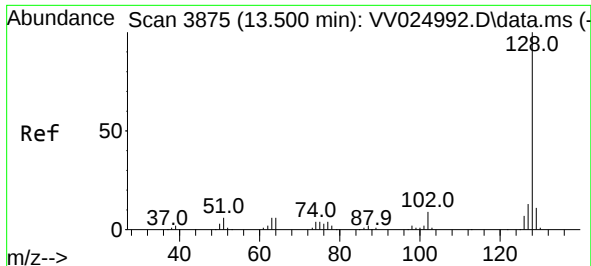
Ion Ratio Lower Upper

180 100

182 95.4 74.6 112.0

145 33.4 26.1 39.1

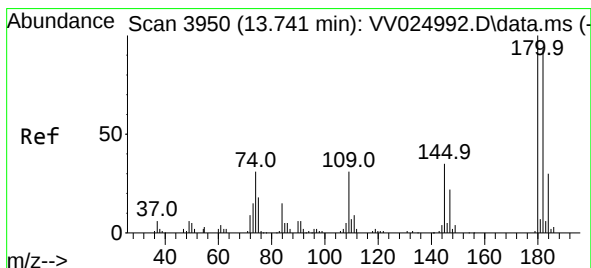
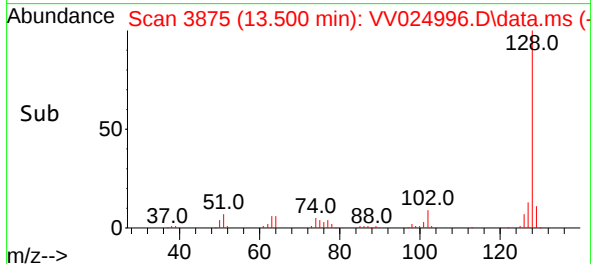
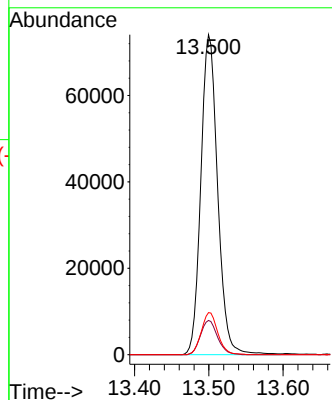
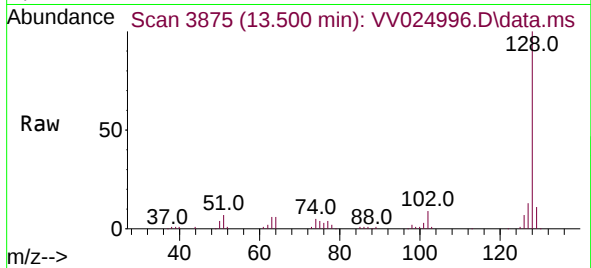




#71
Naphthalene
Concen: 5.147 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV024996.D
Acq: 15 Mar 2022 14:20

Instrument :
MSVOA_V
ClientSampleId :
VSTD005330

Tgt Ion:128 Resp: 116308
Ion Ratio Lower Upper
128 100
129 10.9 8.5 12.7
127 12.9 9.8 14.8



#72
1,2,3-Trichlorobenzene
Concen: 5.139 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV024996.D
Acq: 15 Mar 2022 14:20

Tgt Ion:180 Resp: 59250
Ion Ratio Lower Upper
180 100
182 95.1 74.8 112.2
145 35.9 27.6 41.4

