

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW030123\
 Data File : VW030102.D
 Acq On : 01 Mar 2023 11:35
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005288

Quant Time: Mar 02 00:24:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 01 00:04:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	162399	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	153829	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	90513	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	49635	4.723	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.400%
7) Chloroethane-d5	1.535	69	49642	5.033	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.600%
11) 1,1-Dichloroethene-d2	2.066	63	110029	5.093	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.800%
20) 2-Butanone-d5	3.850	46	102367	52.838	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.680%
24) Chloroform-d	4.262	84	111837	5.210	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.200%
26) 1,2-Dichloroethane-d4	4.953	65	46505	5.307	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.200%
32) Benzene-d6	4.969	84	208822	5.045	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.800%
36) 1,2-Dichloropropane-d6	5.998	67	64688	5.195	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.800%
41) Toluene-d8	7.249	98	197616	5.037	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.800%
43) trans-1,3-Dichloroprop...	7.561	79	22004	5.165	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.200%
46) 2-Hexanone-d5	8.037	63	98431	55.845	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.700%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	48740	5.502	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.000%
66) 1,2-Dichlorobenzene-d4	11.570	152	75100	4.904	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.000%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	68228	5.164	ug/L	99
3) Chloromethane	1.217	50	97523	4.684	ug/L	100
5) Vinyl chloride	1.285	62	70998	5.131	ug/L	100
6) Bromomethane	1.490	94	13129	5.286	ug/L	100
8) Chloroethane	1.555	64	43800	5.195	ug/L	99
9) Trichlorofluoromethane	1.719	101	101696	5.122	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	62810	5.101	ug/L	98
12) 1,1-Dichloroethene	2.076	96	56327	5.168	ug/L	97
13) Acetone	2.178	43	56020	39.122	ug/L #	44
14) Carbon disulfide	2.246	76	148908	5.106	ug/L	98
15) Methyl Acetate	2.397	43	16723	5.000	ug/L	98
16) Methylene chloride	2.455	84	59983	4.505	ug/L	100
17) Methyl tert-butyl Ether	2.715	73	111080	5.212	ug/L	98
18) trans-1,2-Dichloroethene	2.699	96	54312	5.239	ug/L	99
19) 1,1-Dichloroethane	3.121	63	102360	5.300	ug/L	99
21) 2-Butanone	3.918	43	24980	12.971	ug/L #	1
22) cis-1,2-Dichloroethene	3.825	96	56658	4.944	ug/L	98
23) Bromochloromethane	4.162	128	26074	5.325	ug/L	96
25) Chloroform	4.288	83	106124	5.282	ug/L	100

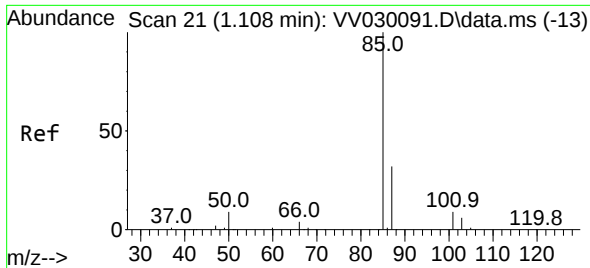
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 Data File : VV030102.D
 Acq On : 01 Mar 2023 11:35
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
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Quant Time: Mar 02 00:24:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.053	62	55436	5.275	ug/L	99
29) 1,1,1-Trichloroethane	4.522	97	95261	5.272	ug/L	100
30) Cyclohexane	4.593	56	77919	4.990	ug/L	99
31) Carbon tetrachloride	4.744	117	83284	5.128	ug/L	96
33) Benzene	5.021	78	222019	5.285	ug/L	100
34) Trichloroethene	5.841	95	59682	5.070	ug/L	98
35) Methylcyclohexane	6.059	83	87611	4.917	ug/L	98
37) 1,2-Dichloropropane	6.104	63	55878	5.228	ug/L	100
38) Bromodichloromethane	6.442	83	74396	5.453	ug/L	99
39) cis-1,3-Dichloropropene	6.963	75	82073	5.246	ug/L	99
40) 4-Methyl-2-pentanone	7.169	43	248696	56.389	ug/L	99
42) Toluene	7.323	91	244846	5.381	ug/L	100
44) trans-1,3-Dichloropropene	7.590	75	66744	5.465	ug/L	98
45) 1,1,2-Trichloroethane	7.776	97	41495	5.426	ug/L	99
47) Tetrachloroethene	7.911	164	52128	5.159	ug/L	98
48) 2-Hexanone	8.088	43	172651	54.682	ug/L	99
49) Dibromochloromethane	8.185	129	49374	5.517	ug/L	97
50) 1,2-Dibromoethane	8.291	107	38475	5.392	ug/L	97
51) Chlorobenzene	8.821	112	159057	5.183	ug/L	99
52) Ethylbenzene	8.953	91	258674	5.224	ug/L	100
53) m,p-Xylene	9.082	106	100313	5.271	ug/L	99
54) o-Xylene	9.487	106	95505	5.254	ug/L	99
55) Styrene	9.503	104	164642	5.446	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.188	83	48583	5.679	ug/L	97
59) Bromoform	9.673	173	29226	5.387	ug/L	100
60) Isopropylbenzene	9.876	105	265190	5.092	ug/L	100
61) 1,2,3-Trichloropropane	10.220	75	32026	5.287	ug/L	99
62) 1,3,5-Trimethylbenzene	10.484	105	214729	5.019	ug/L	98
63) 1,2,4-Trimethylbenzene	10.860	105	224435	5.129	ug/L	99
64) 1,3-Dichlorobenzene	11.127	146	139076	5.129	ug/L	98
65) 1,4-Dichlorobenzene	11.217	146	137290	5.018	ug/L	98
67) 1,2-Dichlorobenzene	11.586	146	123058	5.139	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.374	75	7362	5.441	ug/L	90
69) 1,3,5-Trichlorobenzene	12.593	180	108858	4.883	ug/L	100
70) 1,2,4-trichlorobenzene	13.207	180	86642	4.798	ug/L	99
71) Naphthalene	13.448	128	114012	4.831	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	72876	4.902	ug/L	99

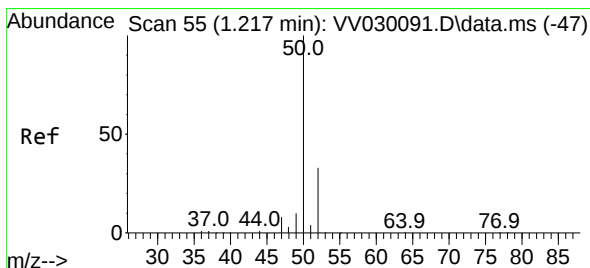
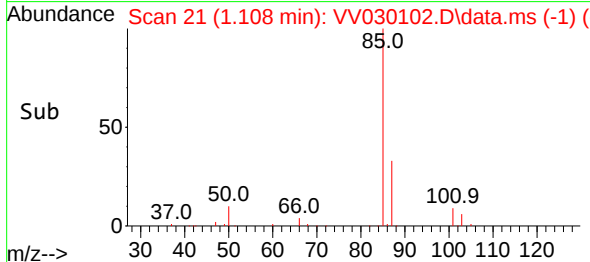
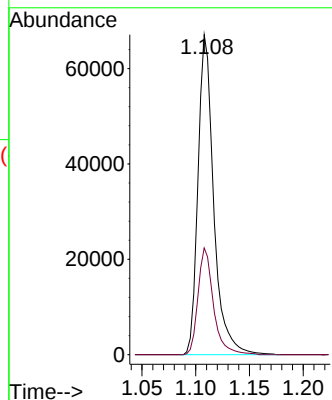
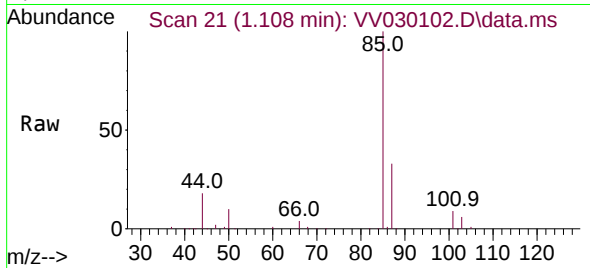
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#2
 Dichlorodifluoromethane
 Concen: 5.164 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV030102.D
 Acq: 01 Mar 2023 11:35

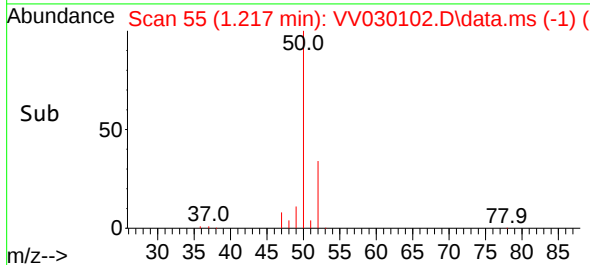
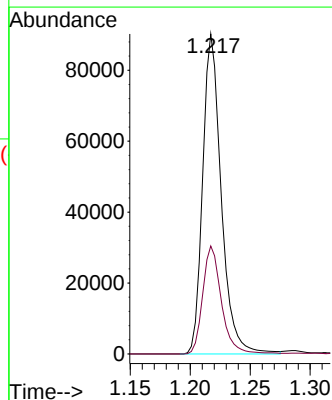
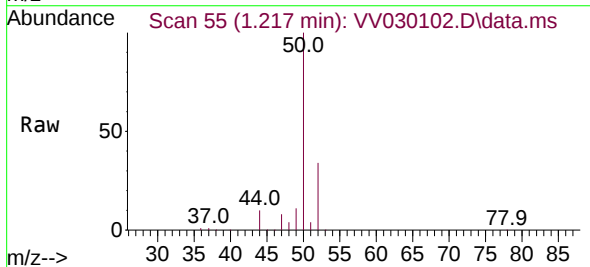
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 ClientSampleId :
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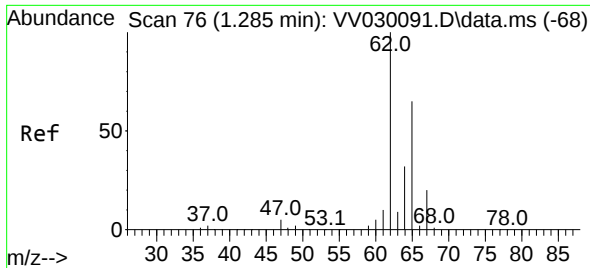
Tgt Ion: 85 Resp: 68228
 Ion Ratio Lower Upper
 85 100
 87 32.8 26.6 39.8



#3
 Chloromethane
 Concen: 4.684 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV030102.D
 Acq: 01 Mar 2023 11:35

Tgt Ion: 50 Resp: 97523
 Ion Ratio Lower Upper
 50 100
 52 33.8 23.6 43.8

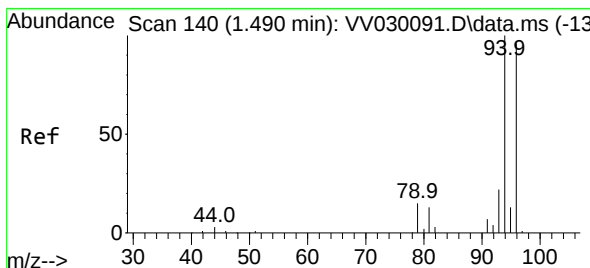
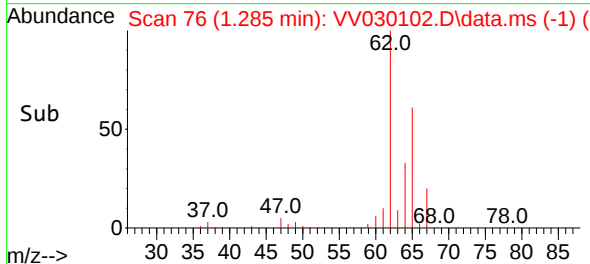
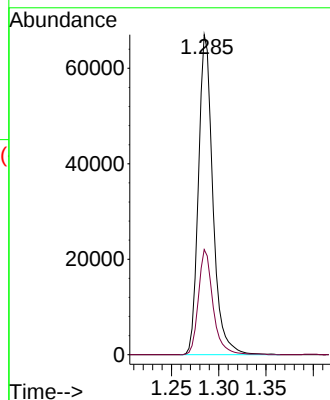
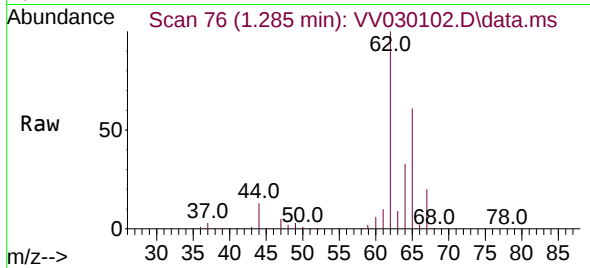




#5
 Vinyl chloride
 Concen: 5.131 ug/L
 RT: 1.285 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: VV030102.D
 Acq: 01 Mar 2023 11:35

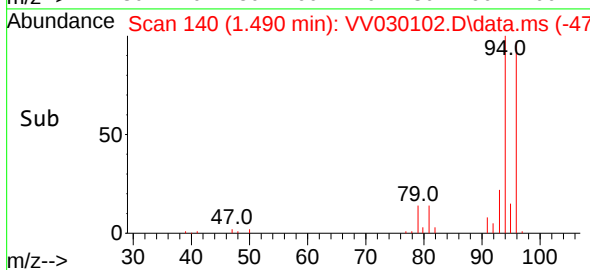
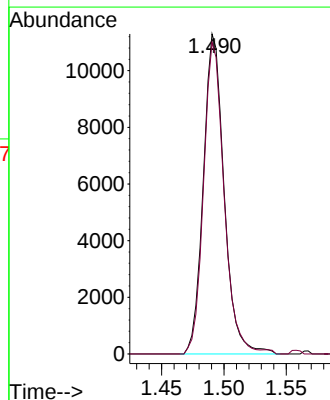
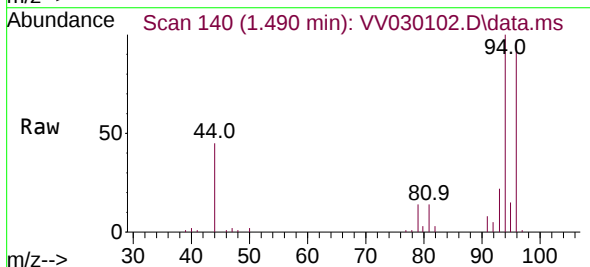
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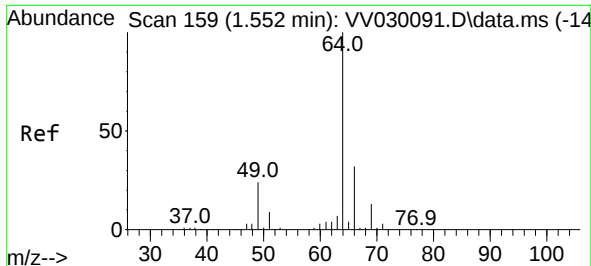
Tgt Ion: 62 Resp: 70998
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.1 42.9



#6
 Bromomethane
 Concen: 5.286 ug/L
 RT: 1.490 min Scan# 140
 Delta R.T. -0.000 min
 Lab File: VV030102.D
 Acq: 01 Mar 2023 11:35

Tgt Ion: 94 Resp: 13129
 Ion Ratio Lower Upper
 94 100
 96 97.4 68.4 127.0

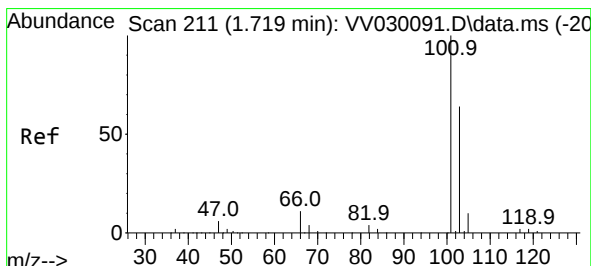
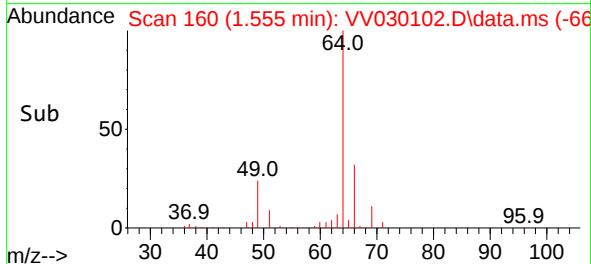
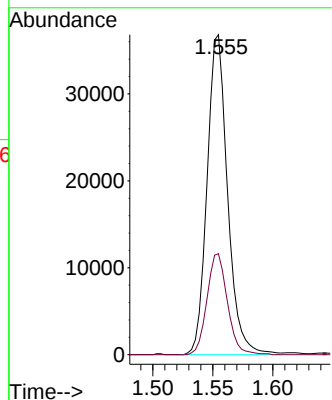
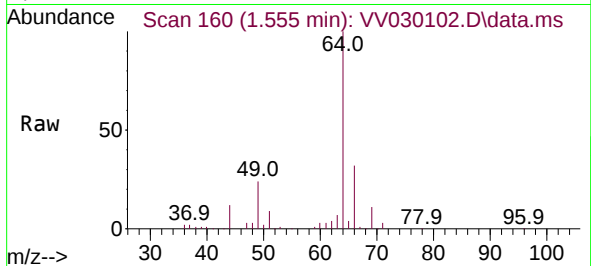




#8
Chloroethane
Concen: 5.195 ug/L
RT: 1.555 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV030102.D
Acq: 01 Mar 2023 11:35

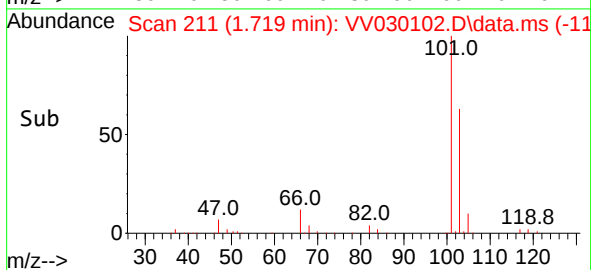
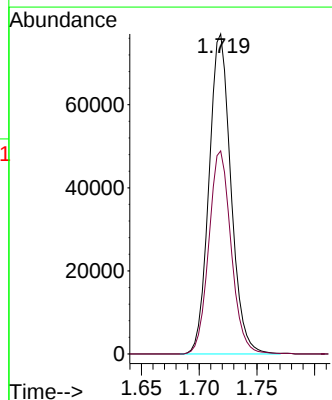
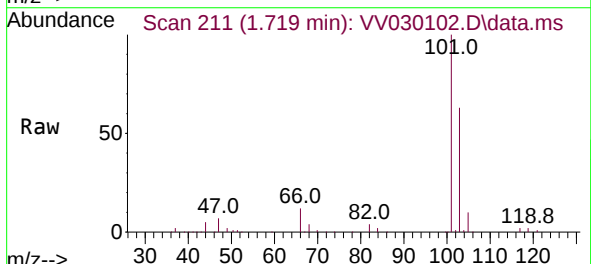
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ClientSampleId :
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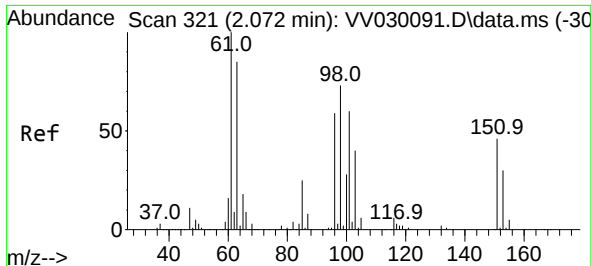
Tgt Ion: 64 Resp: 43800
Ion Ratio Lower Upper
64 100
66 31.5 22.4 41.6



#9
Trichlorofluoromethane
Concen: 5.122 ug/L
RT: 1.719 min Scan# 211
Delta R.T. -0.000 min
Lab File: VV030102.D
Acq: 01 Mar 2023 11:35

Tgt Ion:101 Resp: 101696
Ion Ratio Lower Upper
101 100
103 64.6 52.7 79.1





#10

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

Concen: 5.101 ug/L

RT: 2.072 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV030102.D

Acq: 01 Mar 2023 11:35

Instrument :

MSVOA_V

ClientSampleId :

VSTD005288

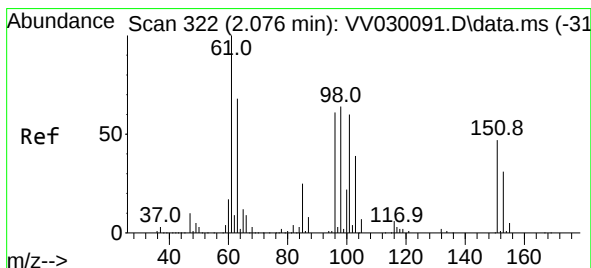
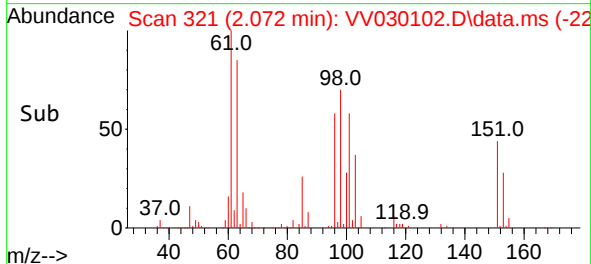
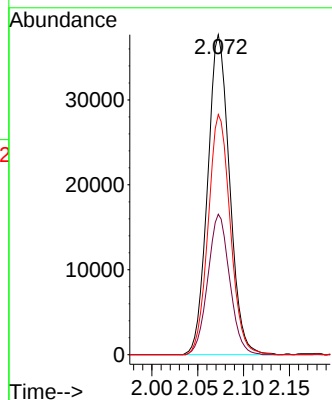
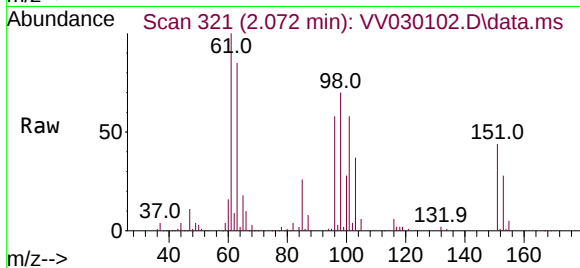
Tgt Ion:101 Resp: 62810

Ion Ratio Lower Upper

101 100

85 43.5 33.5 50.3

151 75.4 61.6 92.4



#12

1,1-Dichloroethene

Concen: 5.168 ug/L

RT: 2.076 min Scan# 322

Delta R.T. -0.000 min

Lab File: VV030102.D

Acq: 01 Mar 2023 11:35

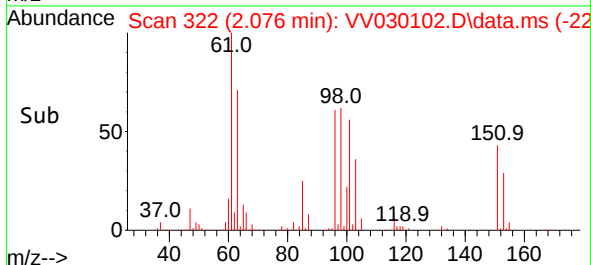
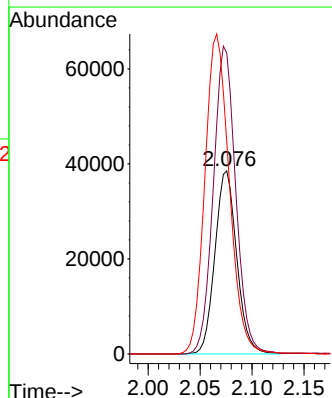
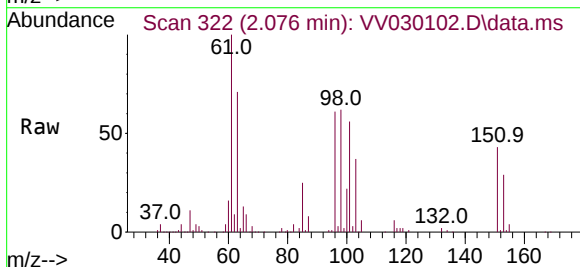
Tgt Ion: 96 Resp: 56327

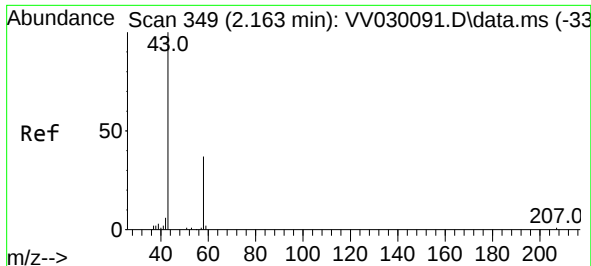
Ion Ratio Lower Upper

96 100

61 164.3 115.6 214.6

63 116.0 85.6 159.0





#13

Acetone

Concen: 39.122 ug/L

RT: 2.178 min Scan# 3

Delta R.T. 0.016 min

Lab File: VV030102.D

Acq: 01 Mar 2023 11:35

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MSVOA_V

ClientSampleId :

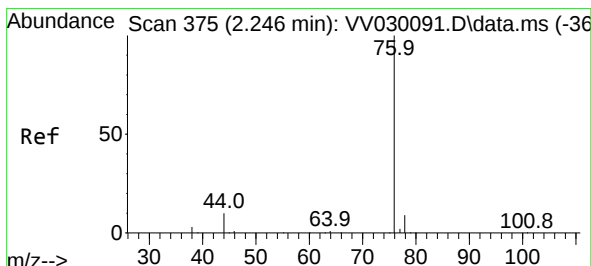
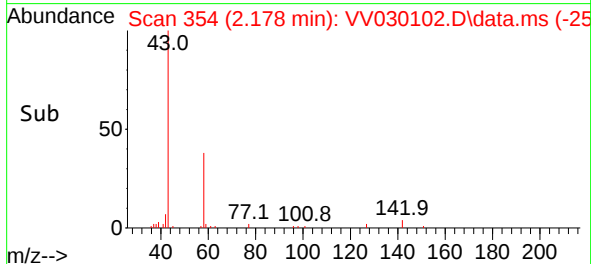
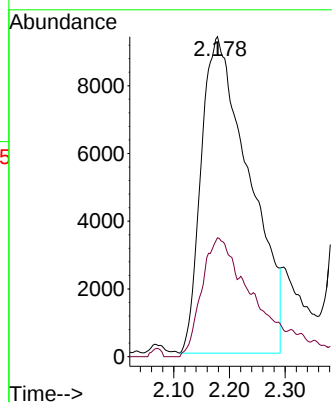
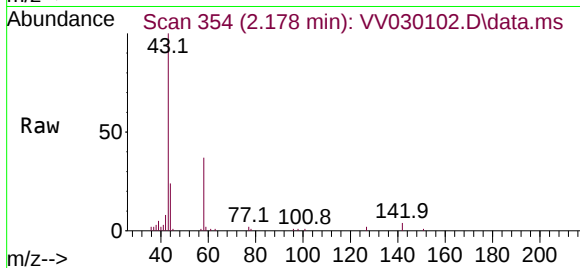
VSTD005288

Tgt Ion: 43 Resp: 56020

Ion Ratio Lower Upper

43 100

58 38.0 0.0 29.4#



#14

Carbon disulfide

Concen: 5.106 ug/L

RT: 2.246 min Scan# 375

Delta R.T. -0.000 min

Lab File: VV030102.D

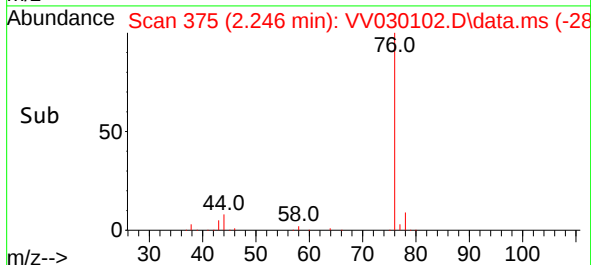
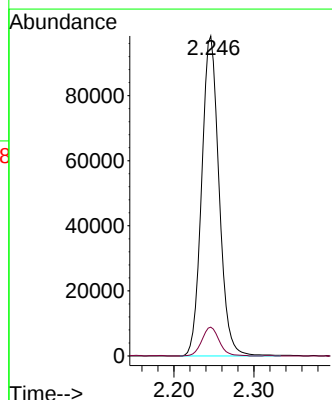
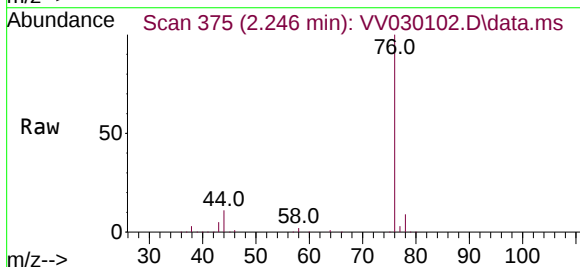
Acq: 01 Mar 2023 11:35

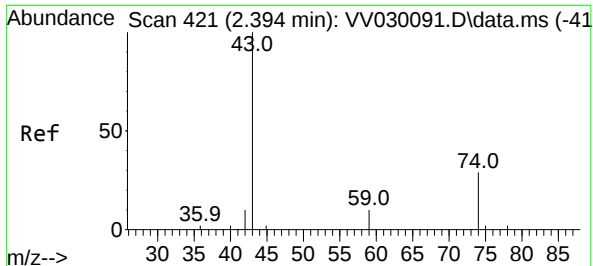
Tgt Ion: 76 Resp: 148908

Ion Ratio Lower Upper

76 100

78 9.0 7.7 11.5

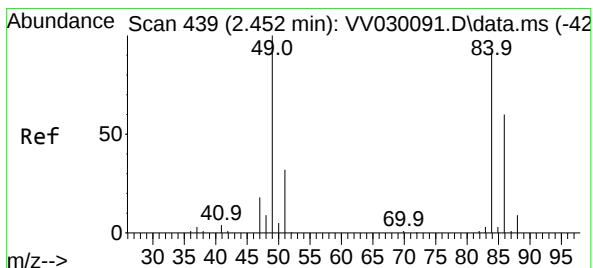
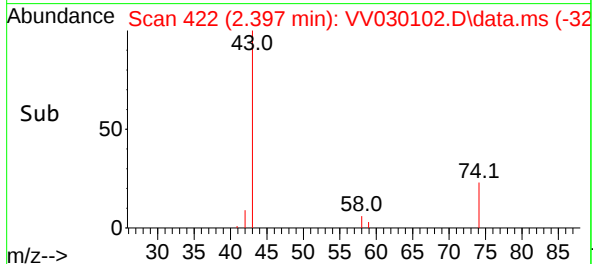
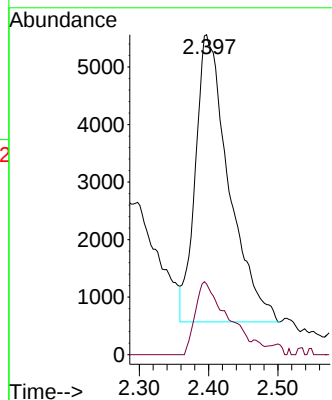
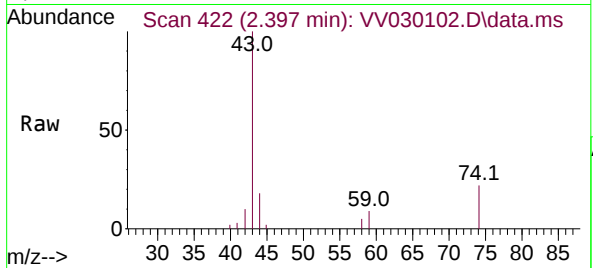




#15
Methyl Acetate
Concen: 5.000 ug/L
RT: 2.397 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV030102.D
Acq: 01 Mar 2023 11:35

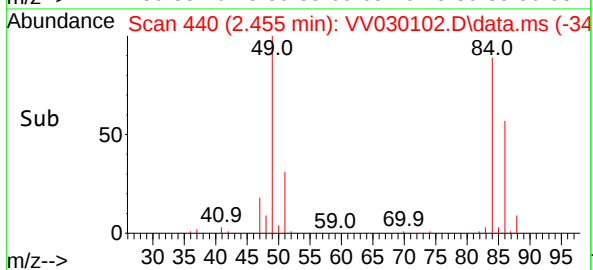
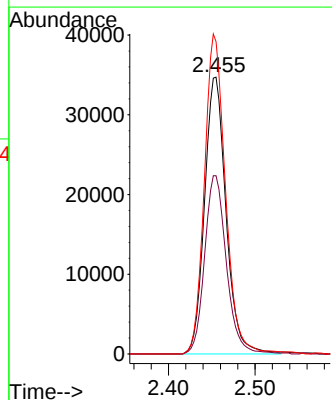
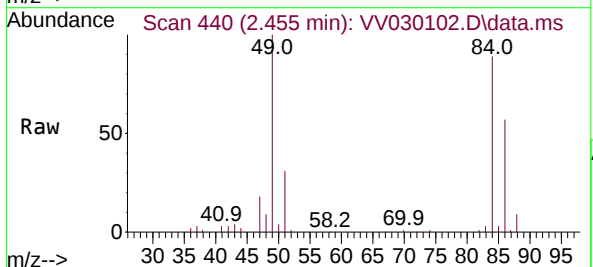
Instrument :
MSVOA_V
ClientSampleId :
VSTD005288

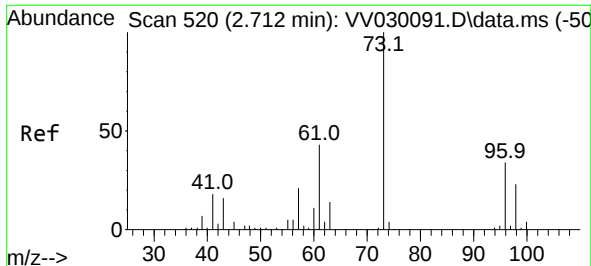
Tgt Ion: 43 Resp: 16723
Ion Ratio Lower Upper
43 100
74 24.1 20.1 30.1



#16
Methylene chloride
Concen: 4.505 ug/L
RT: 2.455 min Scan# 440
Delta R.T. 0.003 min
Lab File: VV030102.D
Acq: 01 Mar 2023 11:35

Tgt Ion: 84 Resp: 59983
Ion Ratio Lower Upper
84 100
86 64.4 44.7 83.1
49 112.8 78.8 146.3





#17

Methyl tert-butyl Ether

Concen: 5.212 ug/L

RT: 2.715 min Scan# 51

Delta R.T. 0.003 min

Lab File: VV030102.D

Acq: 01 Mar 2023 11:35

Instrument :

MSVOA_V

ClientSampleId :

VSTD005288

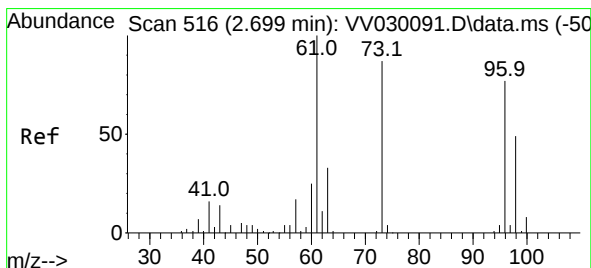
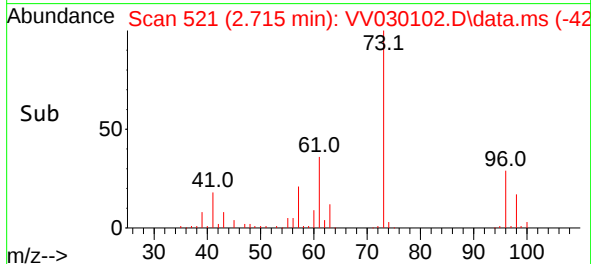
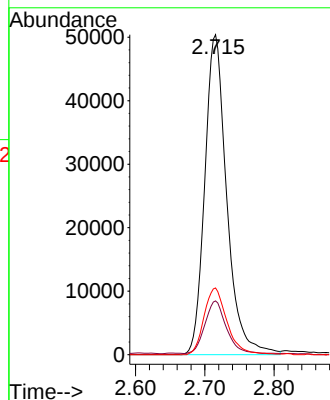
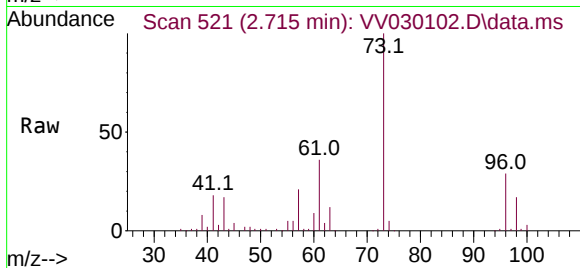
Tgt Ion: 73 Resp: 111080

Ion Ratio Lower Upper

73 100

43 15.9 13.4 20.2

57 21.8 16.8 25.2



#18

trans-1,2-Dichloroethene

Concen: 5.239 ug/L

RT: 2.699 min Scan# 516

Delta R.T. -0.000 min

Lab File: VV030102.D

Acq: 01 Mar 2023 11:35

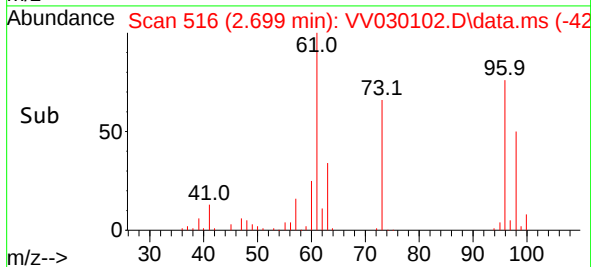
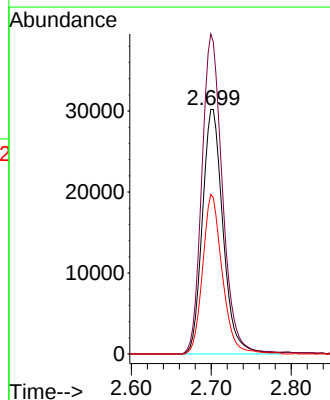
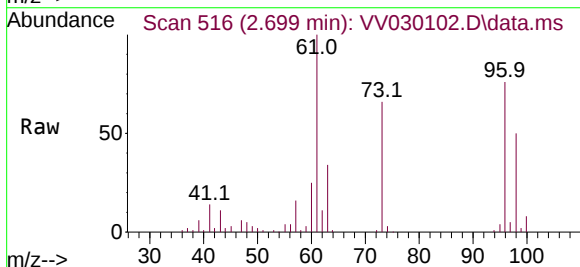
Tgt Ion: 96 Resp: 54312

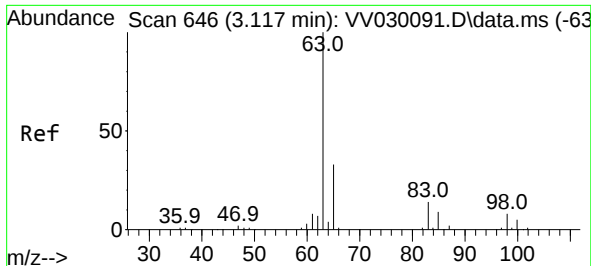
Ion Ratio Lower Upper

96 100

61 130.9 91.0 169.0

98 65.3 45.2 84.0





#19

1,1-Dichloroethane

Concen: 5.300 ug/L

RT: 3.121 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV030102.D

Acq: 01 Mar 2023 11:35

Instrument :

MSVOA_V

ClientSampleId :

VSTD005288

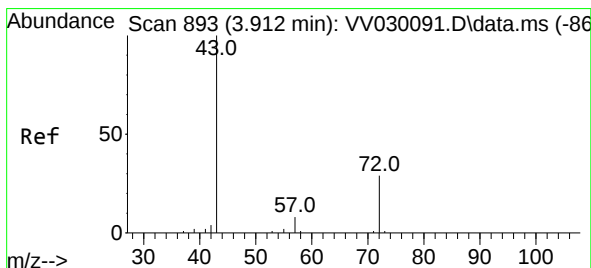
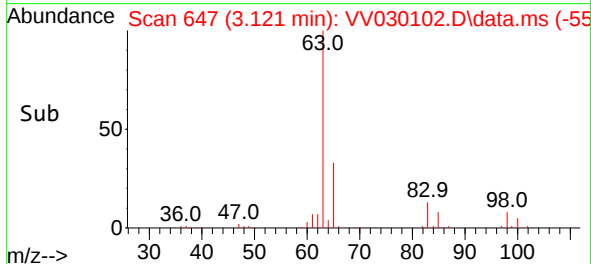
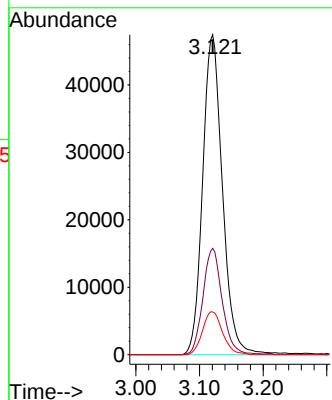
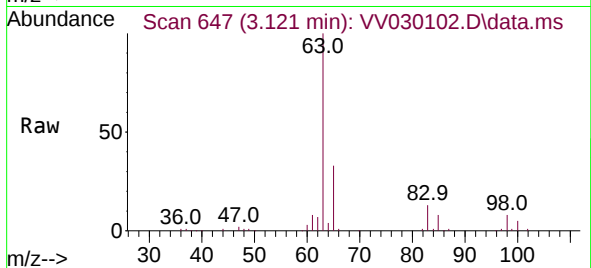
Tgt Ion: 63 Resp: 102360

Ion Ratio Lower Upper

63 100

65 33.3 23.0 42.8

83 13.4 9.6 17.8



#21

2-Butanone

Concen: 12.971 ug/L

RT: 3.918 min Scan# 895

Delta R.T. 0.006 min

Lab File: VV030102.D

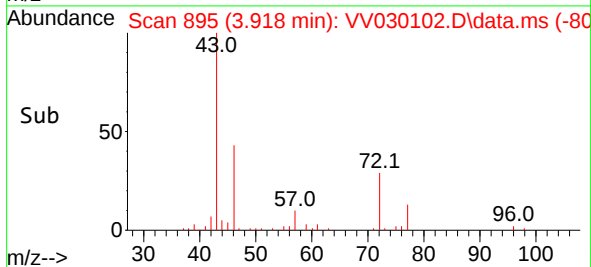
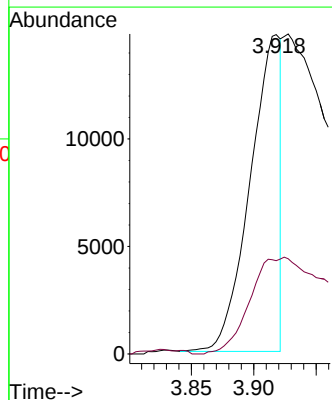
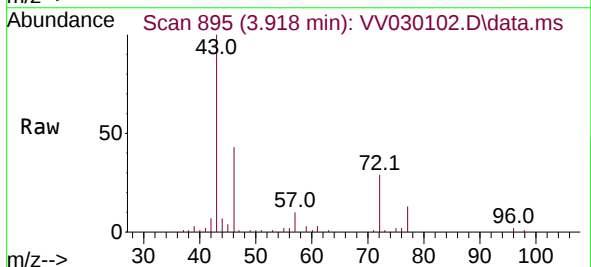
Acq: 01 Mar 2023 11:35

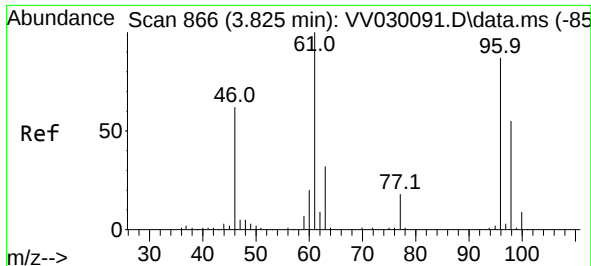
Tgt Ion: 43 Resp: 24980

Ion Ratio Lower Upper

43 100

72 106.6 15.1 45.3#

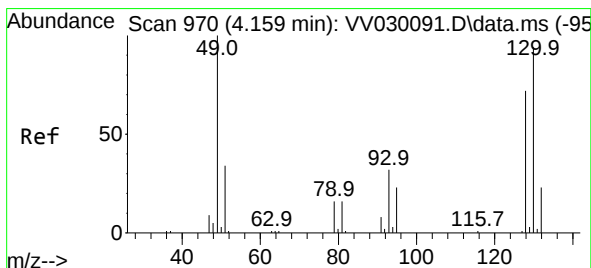
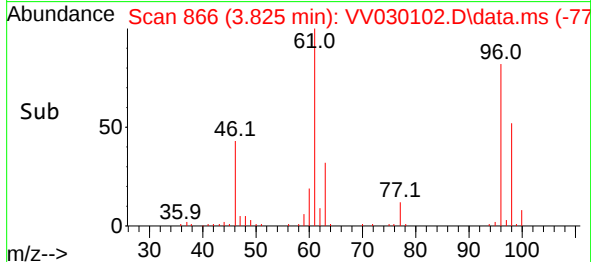
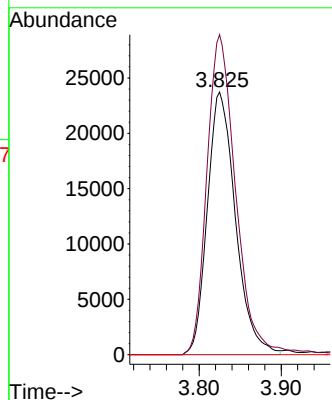
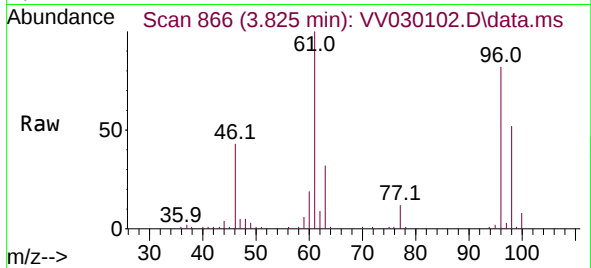




#22
cis-1,2-Dichloroethene
Concen: 4.944 ug/L
RT: 3.825 min Scan# 866
Delta R.T. -0.000 min
Lab File: VV030102.D
Acq: 01 Mar 2023 11:35

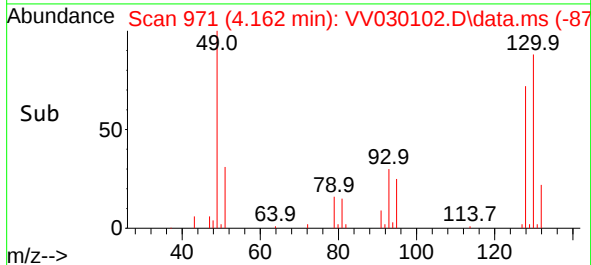
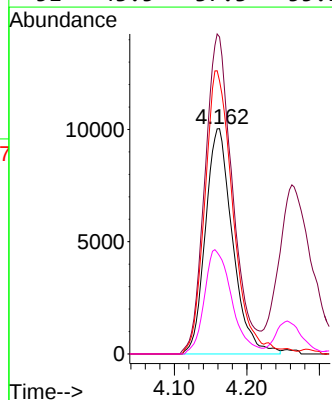
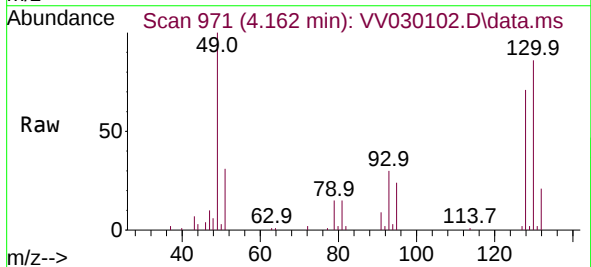
Instrument :
MSVOA_V
ClientSampleId :
VSTD005288

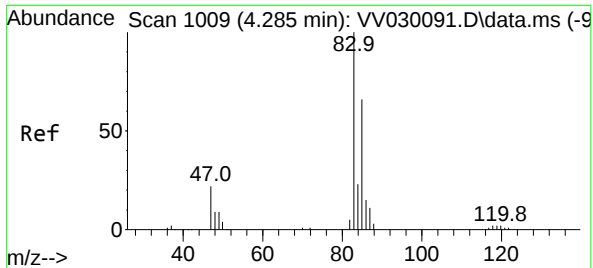
Tgt Ion: 96 Resp: 56658
Ion Ratio Lower Upper
96 100
61 121.8 83.4 154.8
68 0.0 0.0 0.0



#23
Bromochloromethane
Concen: 5.325 ug/L
RT: 4.162 min Scan# 971
Delta R.T. 0.003 min
Lab File: VV030102.D
Acq: 01 Mar 2023 11:35

Tgt Ion: 128 Resp: 26074
Ion Ratio Lower Upper
128 100
49 140.7 99.5 184.9
130 121.2 90.5 168.1
51 43.5 37.3 55.9





#25

Chloroform

Concen: 5.282 ug/L

RT: 4.288 min Scan# 1009

Delta R.T. 0.003 min

Lab File: VV030102.D

Acq: 01 Mar 2023 11:35

Instrument :

MSVOA_V

ClientSampleId :

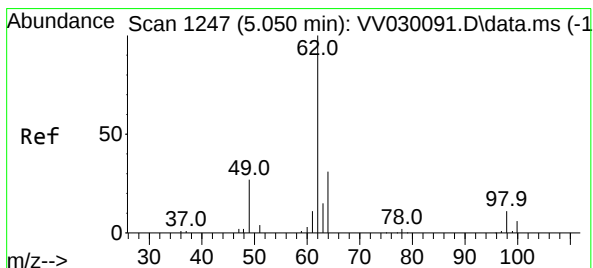
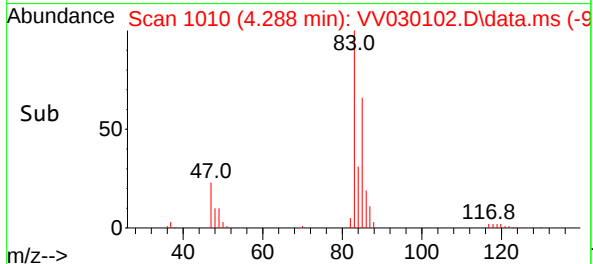
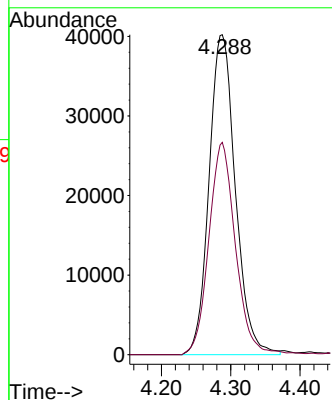
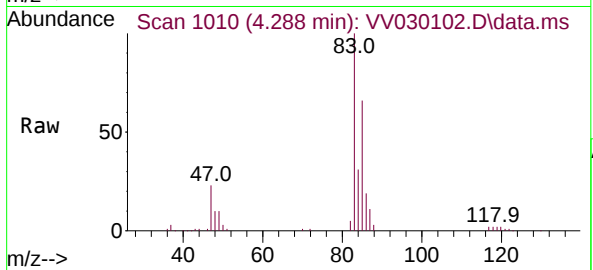
VSTD005288

Tgt Ion: 83 Resp: 106124

Ion Ratio Lower Upper

83 100

85 66.4 46.5 86.5



#27

1,2-Dichloroethane

Concen: 5.275 ug/L

RT: 5.053 min Scan# 1248

Delta R.T. 0.003 min

Lab File: VV030102.D

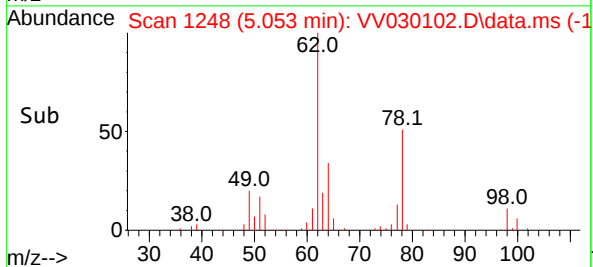
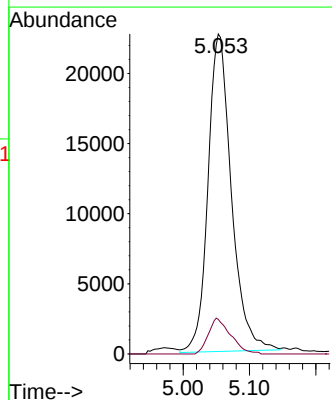
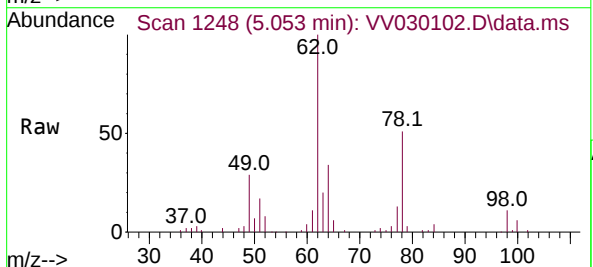
Acq: 01 Mar 2023 11:35

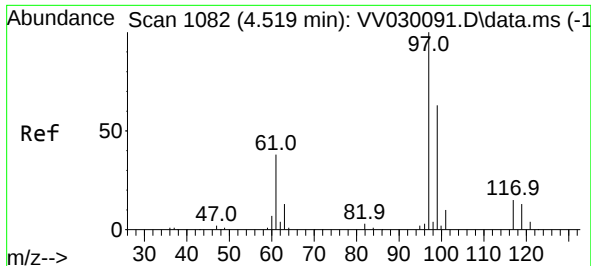
Tgt Ion: 62 Resp: 55436

Ion Ratio Lower Upper

62 100

98 10.8 9.0 13.4





#29

1,1,1-Trichloroethane

Concen: 5.272 ug/L

RT: 4.522 min Scan# 1105

Delta R.T. 0.003 min

Lab File: VV030102.D

Acq: 01 Mar 2023 11:35

Instrument :

MSVOA_V

ClientSampleId :

VSTD005288

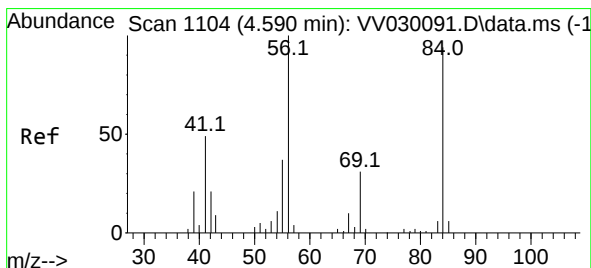
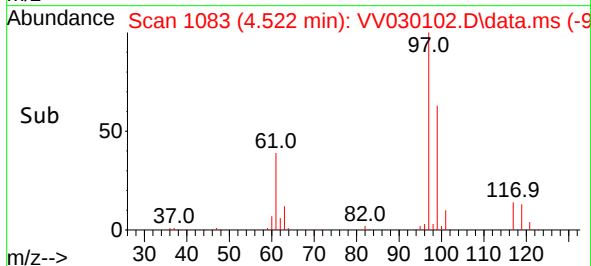
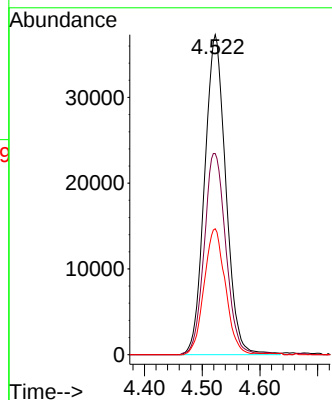
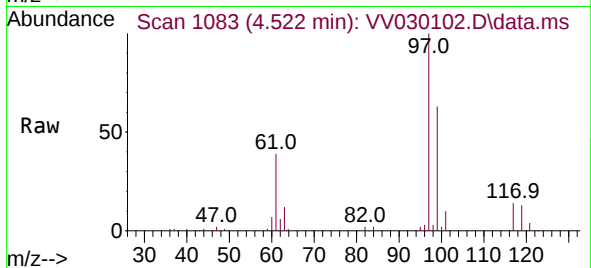
Tgt Ion: 97 Resp: 95261

Ion Ratio Lower Upper

97 100

99 64.0 51.3 76.9

61 39.4 31.5 47.3



#30

Cyclohexane

Concen: 4.990 ug/L

RT: 4.593 min Scan# 1105

Delta R.T. 0.003 min

Lab File: VV030102.D

Acq: 01 Mar 2023 11:35

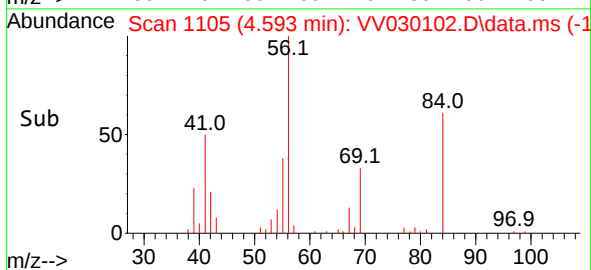
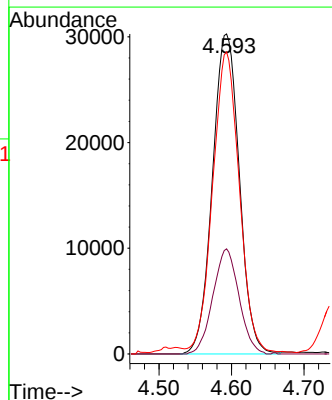
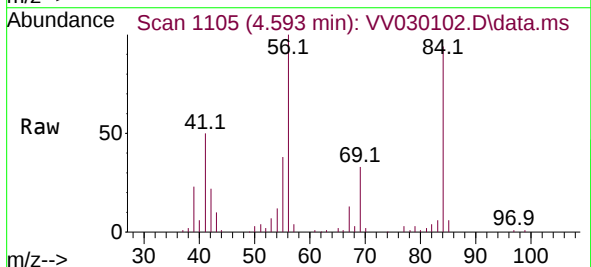
Tgt Ion: 56 Resp: 77919

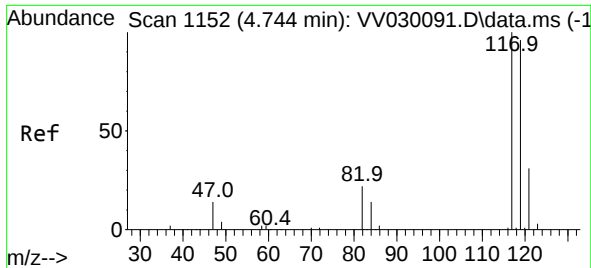
Ion Ratio Lower Upper

56 100

69 31.8 25.1 37.7

84 91.9 74.6 111.8

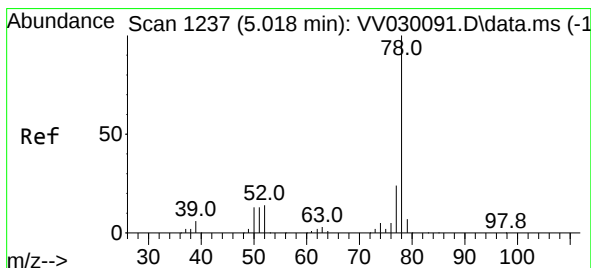
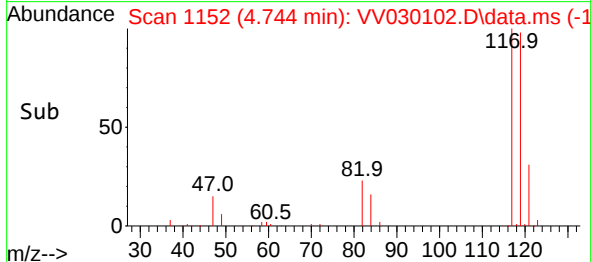
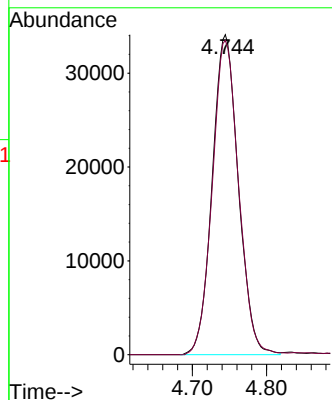
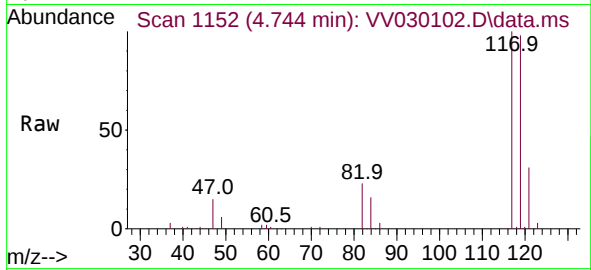




#31
Carbon tetrachloride
Concen: 5.128 ug/L
RT: 4.744 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VV030102.D
Acq: 01 Mar 2023 11:35

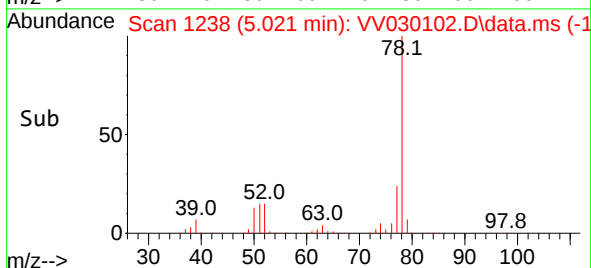
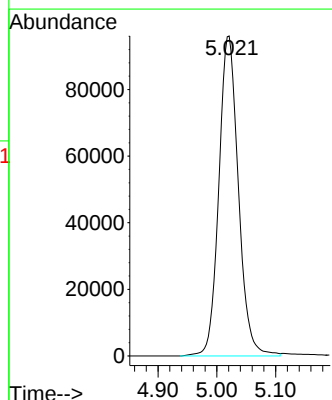
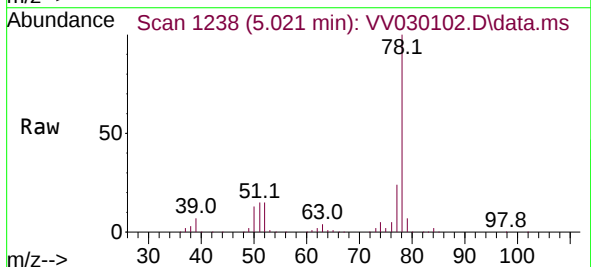
Instrument :
MSVOA_V
ClientSampleId :
VSTD005288

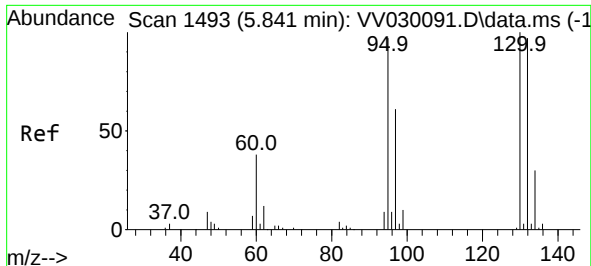
Tgt Ion:117 Resp: 83284
Ion Ratio Lower Upper
117 100
119 99.0 76.1 114.1



#33
Benzene
Concen: 5.285 ug/L
RT: 5.021 min Scan# 1238
Delta R.T. 0.003 min
Lab File: VV030102.D
Acq: 01 Mar 2023 11:35

Tgt Ion: 78 Resp: 222019



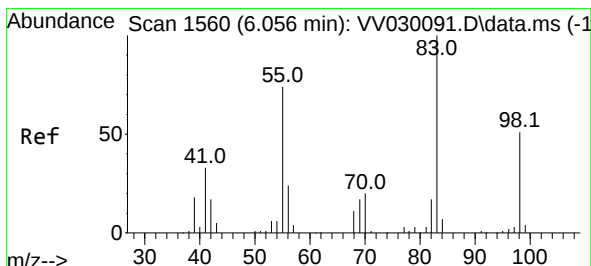
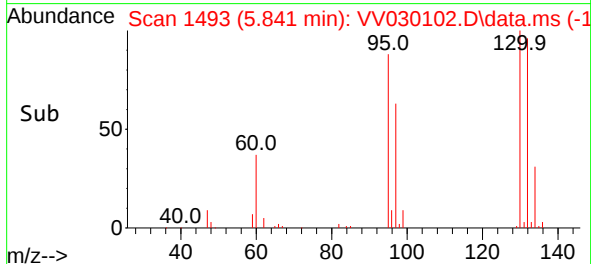
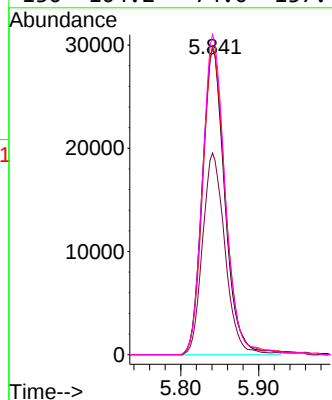
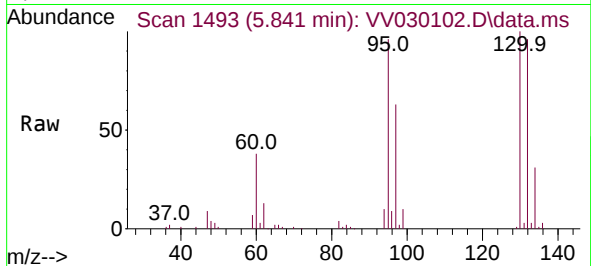


#34
Trichloroethene
Concen: 5.070 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VV030102.D
Acq: 01 Mar 2023 11:35

Instrument :
MSVOA_V
ClientSampleId :
VSTD005288

Tgt Ion: 95 Resp: 59682

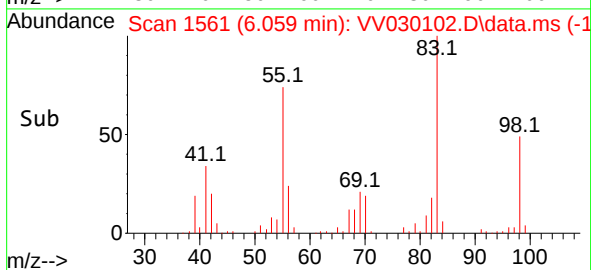
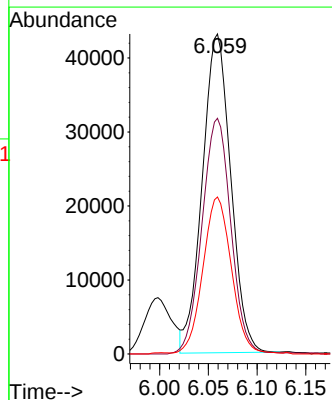
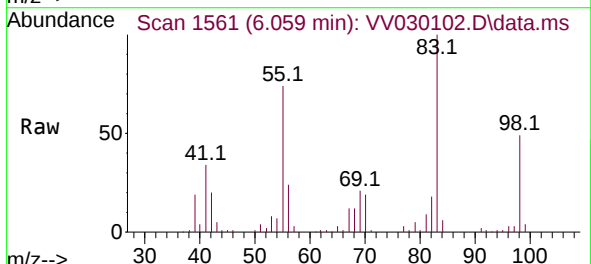
Ion	Ratio	Lower	Upper
95	100		
97	65.7	46.5	86.5
132	100.4	71.7	133.3
130	104.2	74.0	137.4

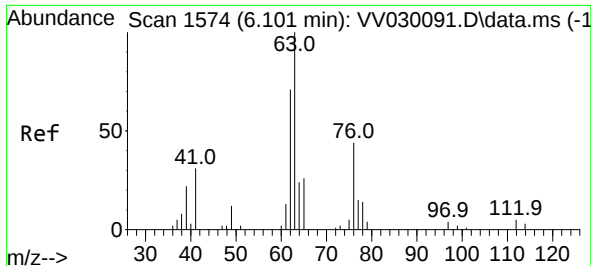


#35
Methylcyclohexane
Concen: 4.917 ug/L
RT: 6.059 min Scan# 1561
Delta R.T. 0.003 min
Lab File: VV030102.D
Acq: 01 Mar 2023 11:35

Tgt Ion: 83 Resp: 87611

Ion	Ratio	Lower	Upper
83	100		
55	75.3	57.6	86.4
98	48.6	38.8	58.2





#37

1,2-Dichloropropane

Concen: 5.228 ug/L

RT: 6.104 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV030102.D

Acq: 01 Mar 2023 11:35

Instrument :

MSVOA_V

ClientSampleId :

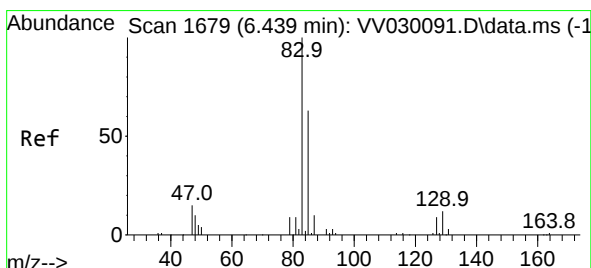
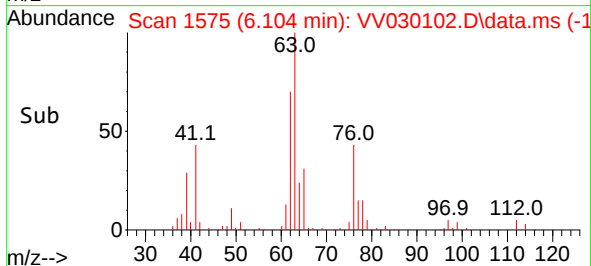
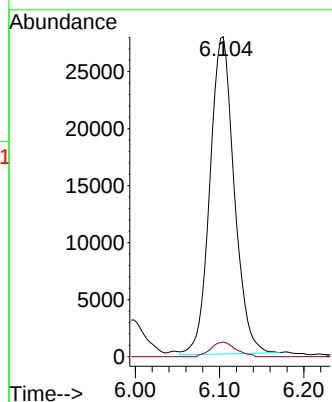
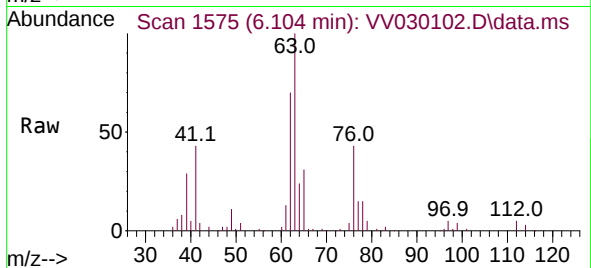
VSTD005288

Tgt Ion: 63 Resp: 55878

Ion Ratio Lower Upper

63 100

112 4.7 3.8 5.6



#38

Bromodichloromethane

Concen: 5.453 ug/L

RT: 6.442 min Scan# 1680

Delta R.T. 0.003 min

Lab File: VV030102.D

Acq: 01 Mar 2023 11:35

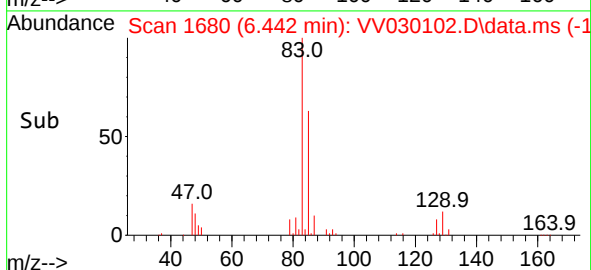
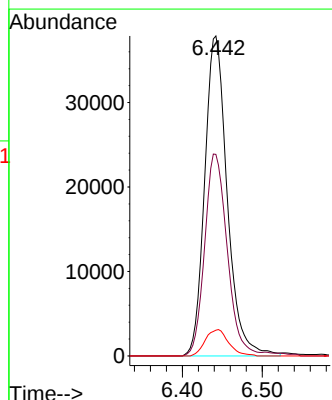
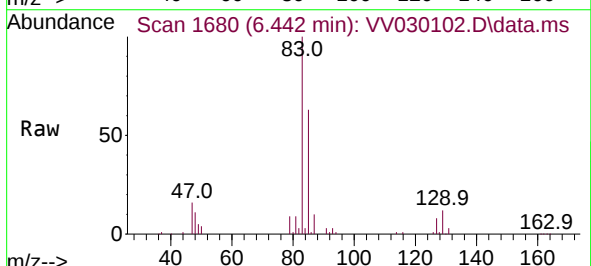
Tgt Ion: 83 Resp: 74396

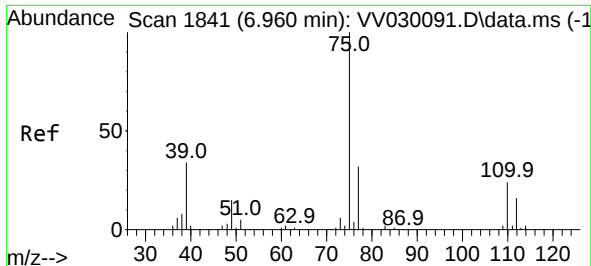
Ion Ratio Lower Upper

83 100

85 63.0 44.3 82.3

127 8.1 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 5.246 ug/L

RT: 6.963 min Scan# 1841

Delta R.T. 0.003 min

Lab File: VV030102.D

Acq: 01 Mar 2023 11:35

Instrument :

MSVOA_V

ClientSampleId :

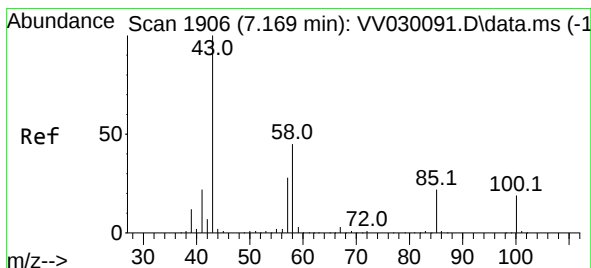
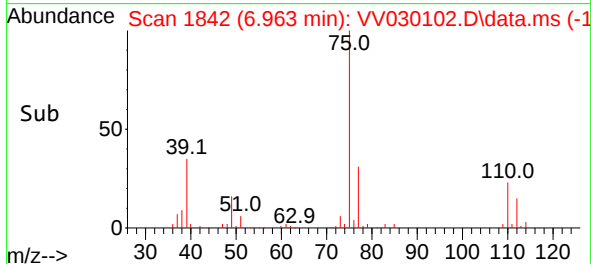
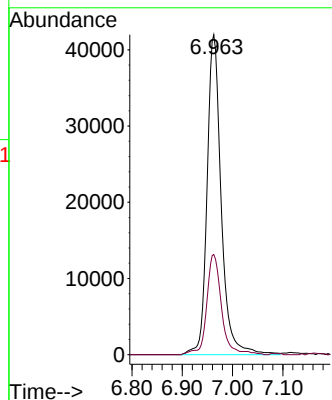
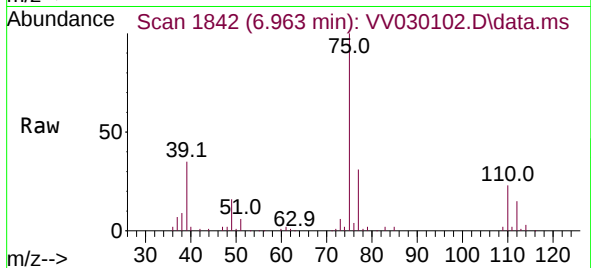
VSTD005288

Tgt Ion: 75 Resp: 82073

Ion Ratio Lower Upper

75 100

77 31.3 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 56.389 ug/L

RT: 7.169 min Scan# 1906

Delta R.T. -0.000 min

Lab File: VV030102.D

Acq: 01 Mar 2023 11:35

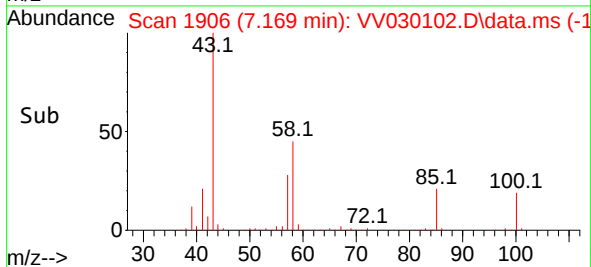
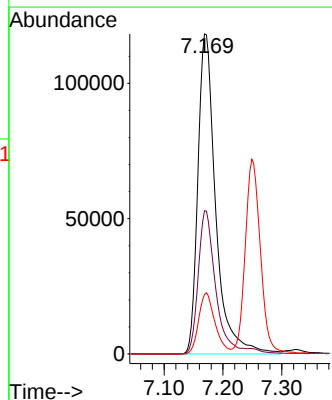
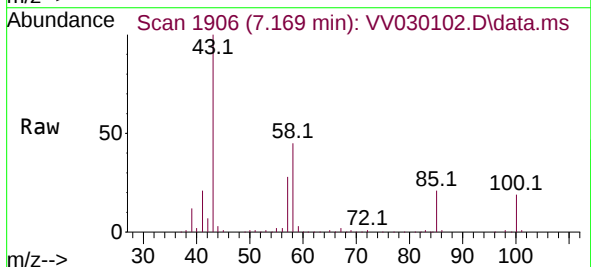
Tgt Ion: 43 Resp: 248696

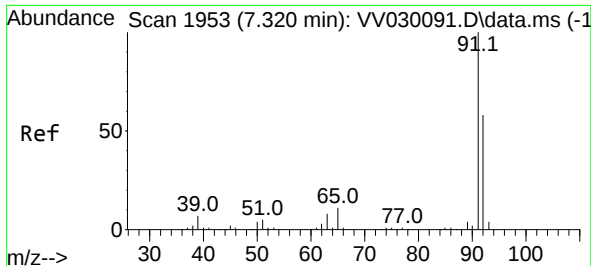
Ion Ratio Lower Upper

43 100

58 43.5 35.3 52.9

100 17.5 14.7 22.1





#42

Toluene

Concen: 5.381 ug/L

RT: 7.323 min Scan# 1953

Delta R.T. 0.003 min

Lab File: VV030102.D

Acq: 01 Mar 2023 11:35

Instrument :

MSVOA_V

ClientSampleId :

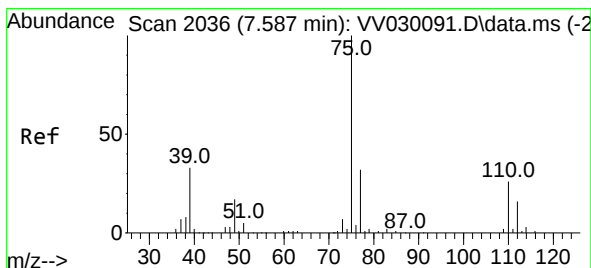
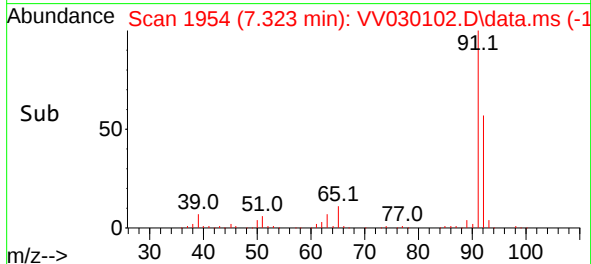
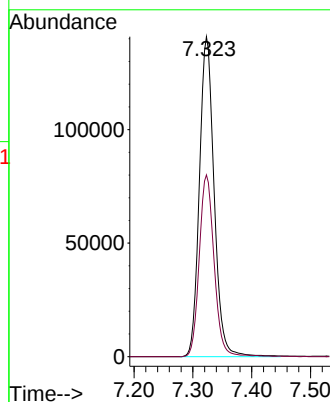
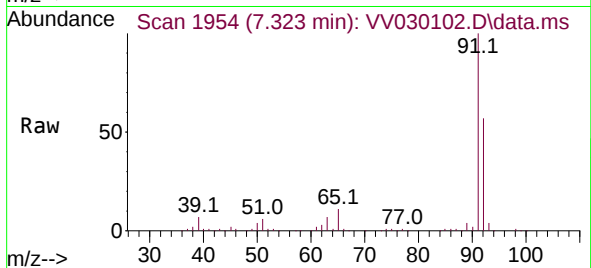
VSTD005288

Tgt Ion: 91 Resp: 244846

Ion Ratio Lower Upper

91 100

92 56.8 39.6 73.6



#44

trans-1,3-Dichloropropene

Concen: 5.465 ug/L

RT: 7.590 min Scan# 2037

Delta R.T. 0.003 min

Lab File: VV030102.D

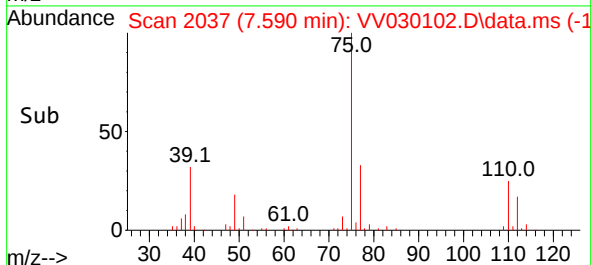
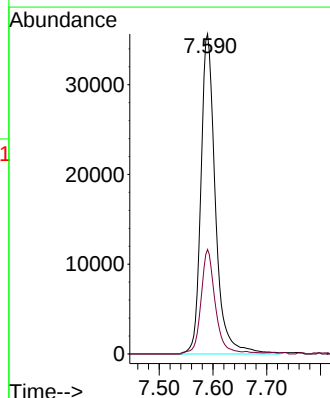
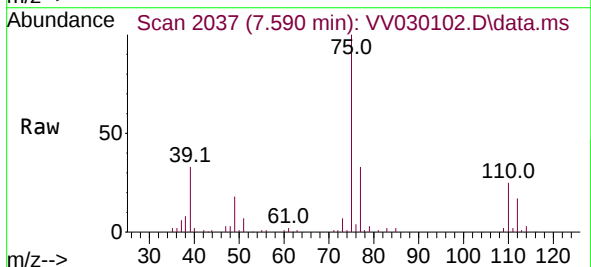
Acq: 01 Mar 2023 11:35

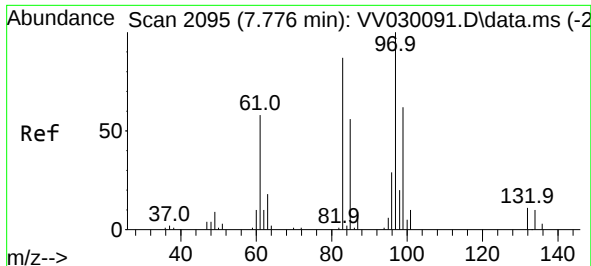
Tgt Ion: 75 Resp: 66744

Ion Ratio Lower Upper

75 100

77 32.6 22.1 41.1

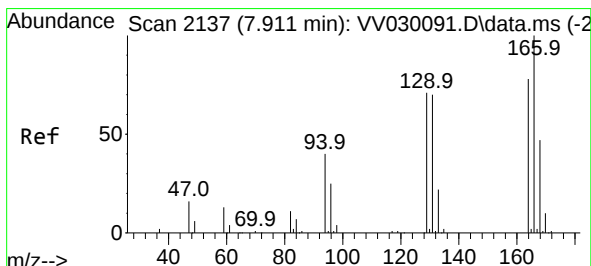
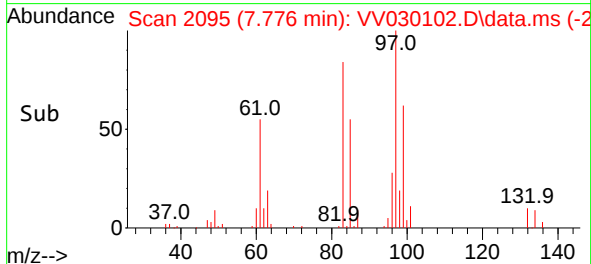
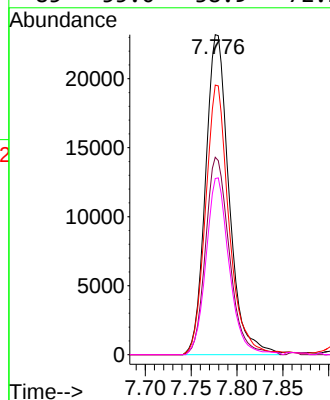
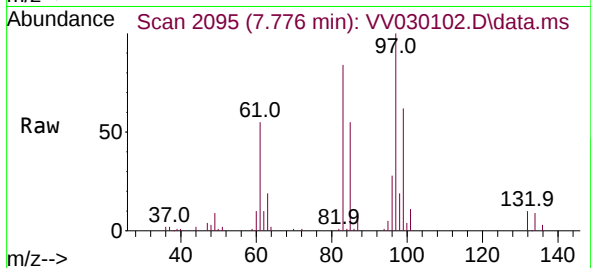




#45
1,1,2-Trichloroethane
Concen: 5.426 ug/L
RT: 7.776 min Scan# 2095
Delta R.T. -0.000 min
Lab File: VV030102.D
Acq: 01 Mar 2023 11:35

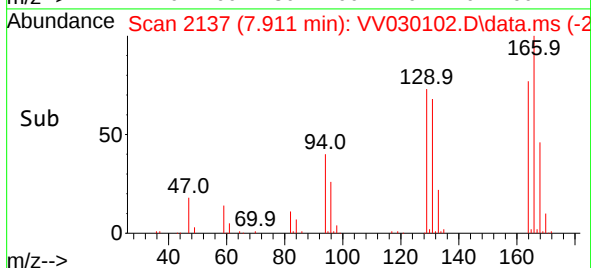
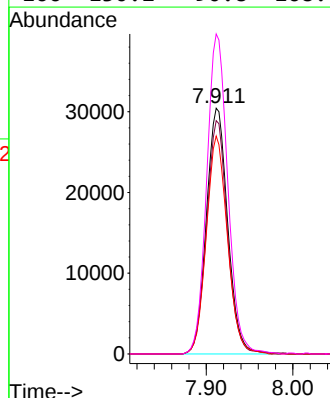
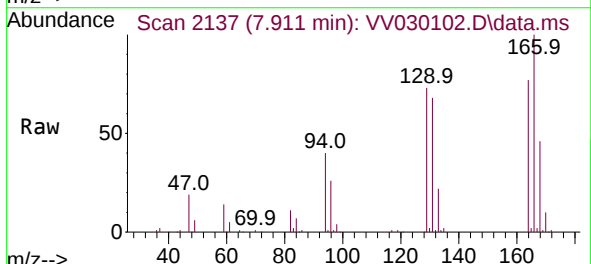
Instrument :
MSVOA_V
ClientSampleId :
VSTD005288

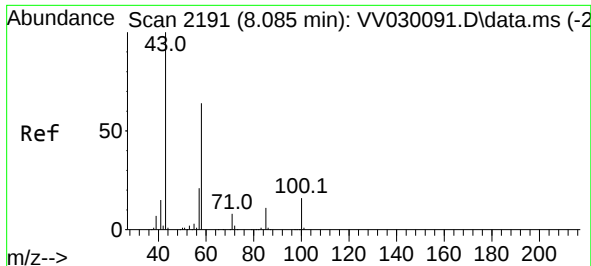
Tgt Ion:	97	Resp:	41495
Ion	Ratio	Lower	Upper
97	100		
99	61.7	42.6	79.2
83	84.2	57.7	107.3
85	55.0	38.9	72.2



#47
Tetrachloroethene
Concen: 5.159 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VV030102.D
Acq: 01 Mar 2023 11:35

Tgt Ion:	164	Resp:	52128
Ion	Ratio	Lower	Upper
164	100		
129	94.9	63.6	118.2
131	88.7	61.7	114.7
166	130.2	90.8	168.6



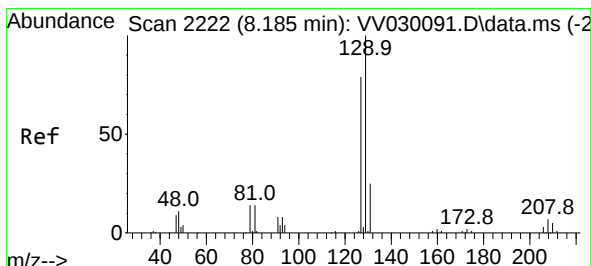
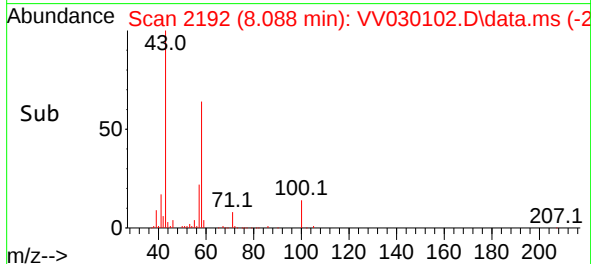
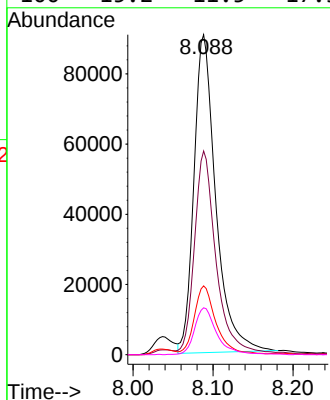
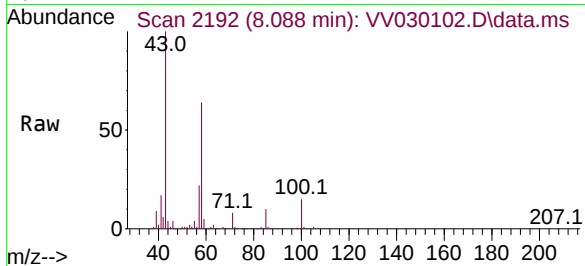


#48
2-Hexanone
Concen: 54.682 ug/L
RT: 8.088 min Scan# 2191
Delta R.T. 0.003 min
Lab File: VV030102.D
Acq: 01 Mar 2023 11:35

Instrument :
MSVOA_V
ClientSampleId :
VSTD005288

Tgt Ion: 43 Resp: 172651

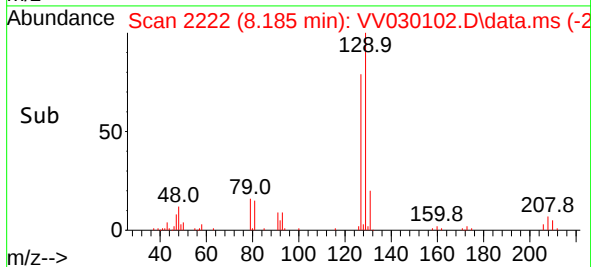
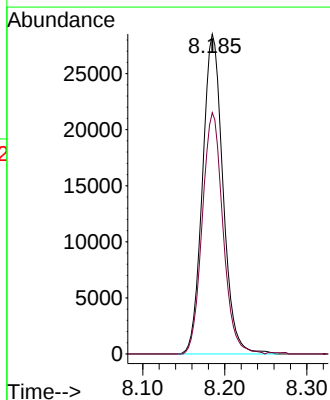
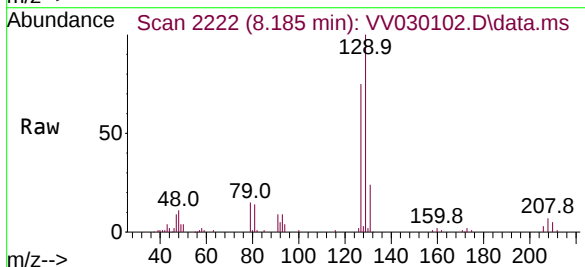
Ion	Ratio	Lower	Upper
43	100		
58	61.9	49.8	74.8
57	21.1	16.6	24.8
100	15.2	11.5	17.3

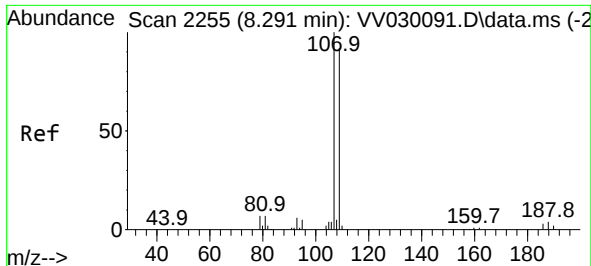


#49
Dibromochloromethane
Concen: 5.517 ug/L
RT: 8.185 min Scan# 2222
Delta R.T. -0.000 min
Lab File: VV030102.D
Acq: 01 Mar 2023 11:35

Tgt Ion: 129 Resp: 49374

Ion	Ratio	Lower	Upper
129	100		
127	75.4	54.7	101.5





#50

1,2-Dibromoethane

Concen: 5.392 ug/L

RT: 8.291 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV030102.D

Acq: 01 Mar 2023 11:35

Instrument :

MSVOA_V

ClientSampleId :

VSTD005288

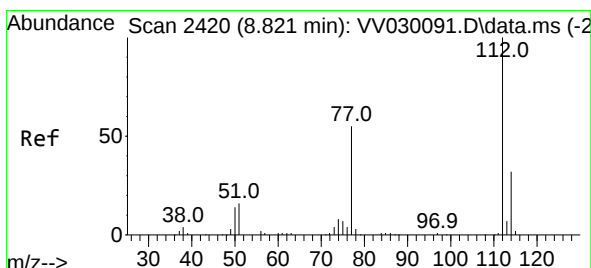
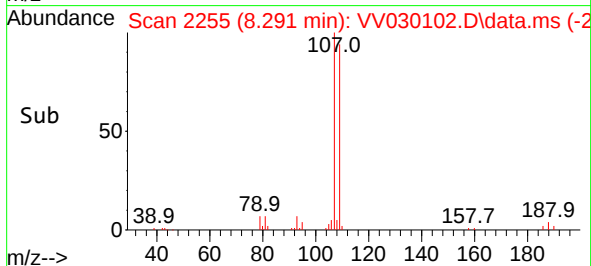
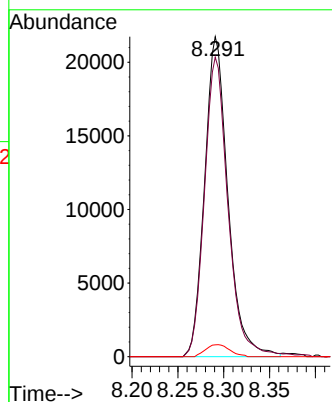
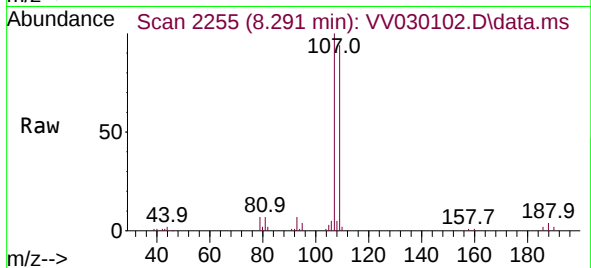
Tgt Ion:107 Resp: 38475

Ion Ratio Lower Upper

107 100

109 93.6 63.3 117.7

188 3.7 3.0 4.6



#51

Chlorobenzene

Concen: 5.183 ug/L

RT: 8.821 min Scan# 2420

Delta R.T. -0.000 min

Lab File: VV030102.D

Acq: 01 Mar 2023 11:35

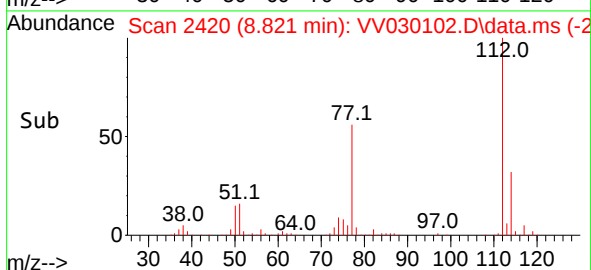
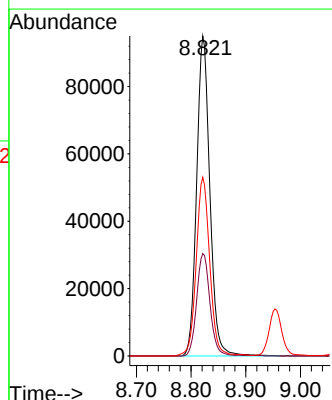
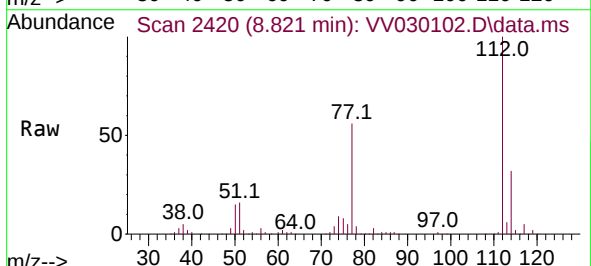
Tgt Ion:112 Resp: 159057

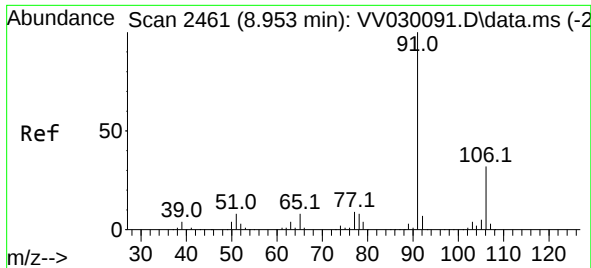
Ion Ratio Lower Upper

112 100

114 32.0 22.5 41.7

77 55.8 45.3 67.9





#52

Ethylbenzene

Concen: 5.224 ug/L

RT: 8.953 min Scan# 2461

Delta R.T. -0.000 min

Lab File: VV030102.D

Acq: 01 Mar 2023 11:35

Instrument :

MSVOA_V

ClientSampleId :

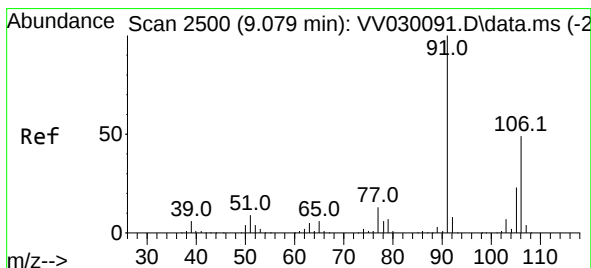
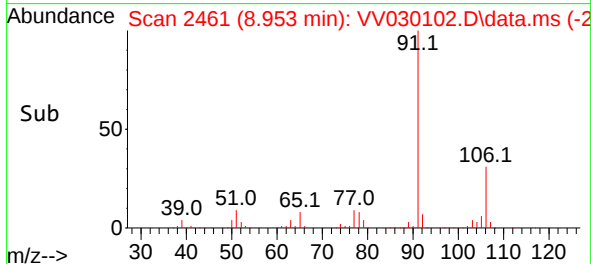
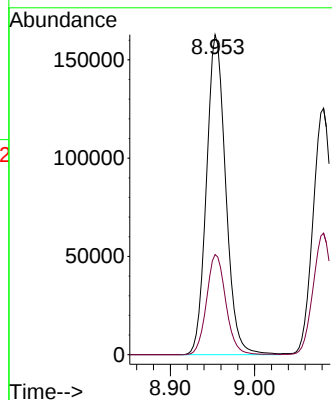
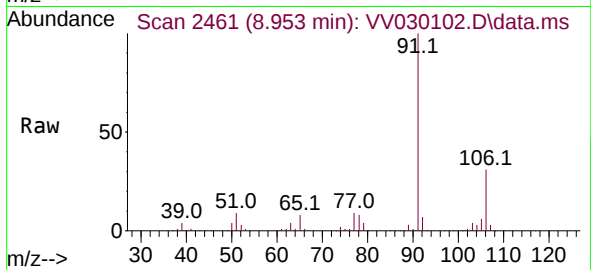
VSTD005288

Tgt Ion: 91 Resp: 258674

Ion Ratio Lower Upper

91 100

106 31.3 22.0 40.8



#53

m,p-Xylene

Concen: 5.271 ug/L

RT: 9.082 min Scan# 2501

Delta R.T. 0.003 min

Lab File: VV030102.D

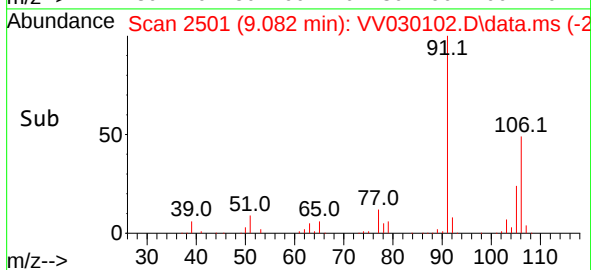
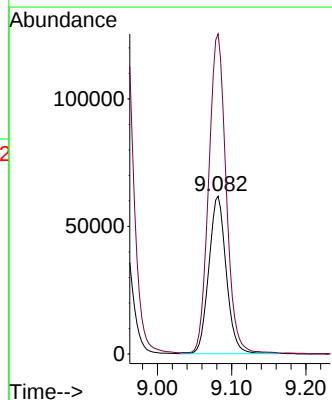
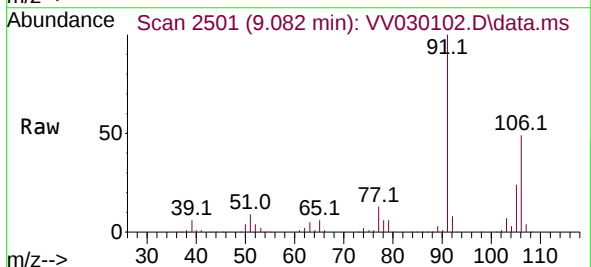
Acq: 01 Mar 2023 11:35

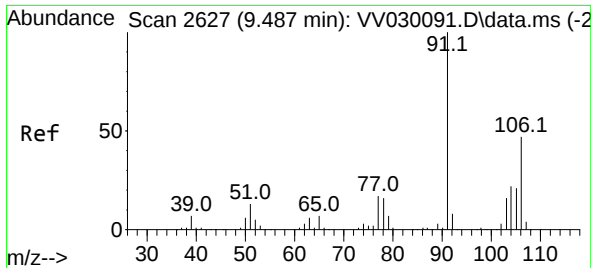
Tgt Ion: 106 Resp: 100313

Ion Ratio Lower Upper

106 100

91 202.8 142.5 264.7

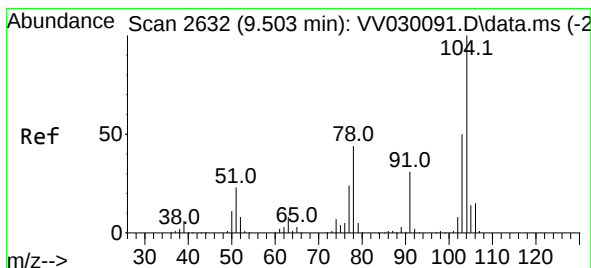
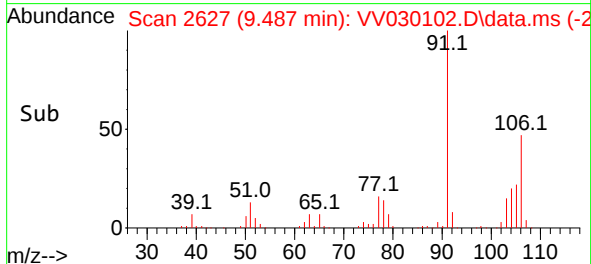
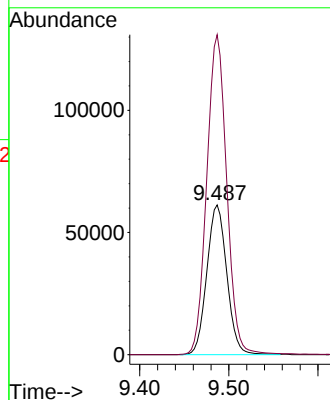
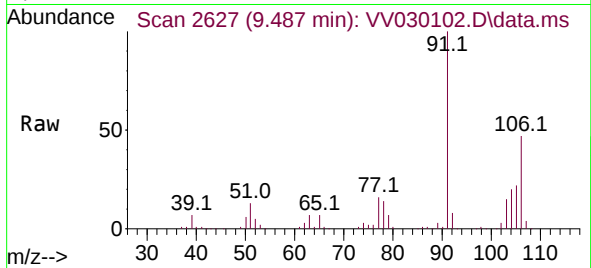




#54
o-Xylene
Concen: 5.254 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. -0.000 min
Lab File: VV030102.D
Acq: 01 Mar 2023 11:35

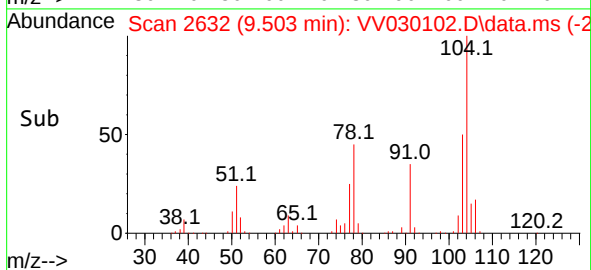
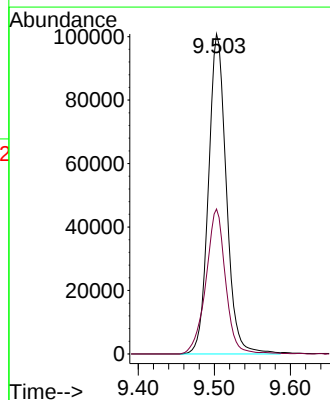
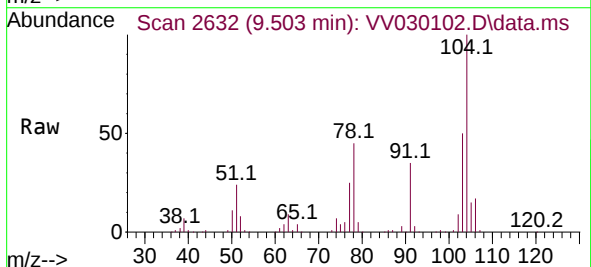
Instrument :
MSVOA_V
ClientSampleId :
VSTD005288

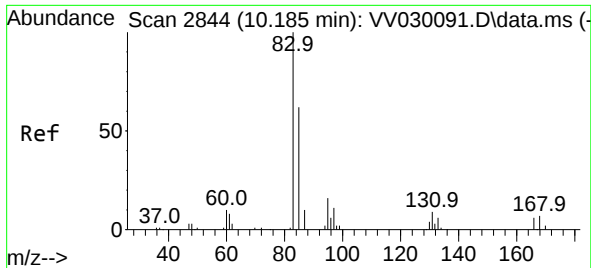
Tgt Ion:106 Resp: 95505
Ion Ratio Lower Upper
106 100
91 213.7 148.8 276.4



#55
Styrene
Concen: 5.446 ug/L
RT: 9.503 min Scan# 2632
Delta R.T. -0.000 min
Lab File: VV030102.D
Acq: 01 Mar 2023 11:35

Tgt Ion:104 Resp: 164642
Ion Ratio Lower Upper
104 100
78 45.3 31.1 57.9

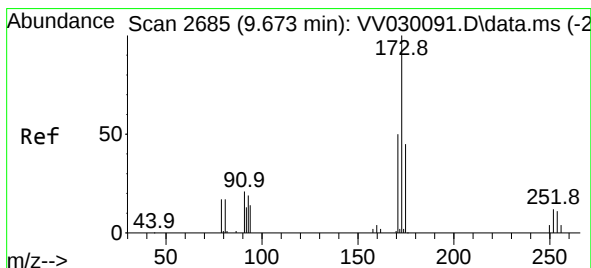
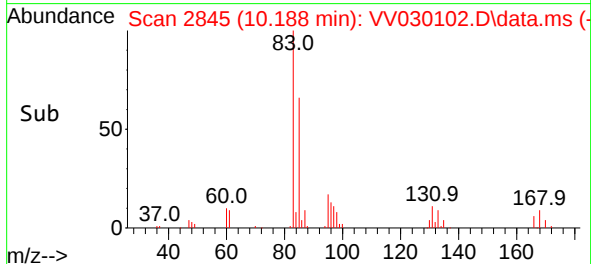
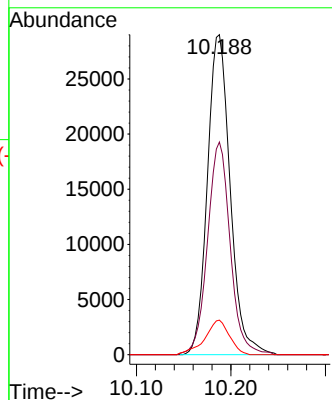
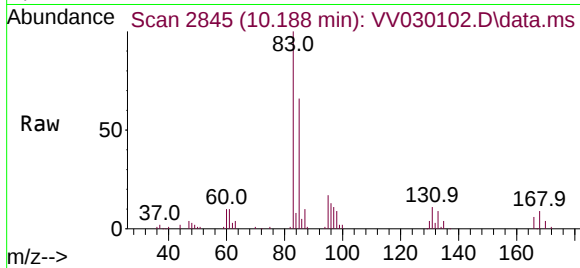




#57
1,1,2,2-Tetrachloroethane
Concen: 5.679 ug/L
RT: 10.188 min Scan# 2845
Delta R.T. 0.003 min
Lab File: VV030102.D
Acq: 01 Mar 2023 11:35

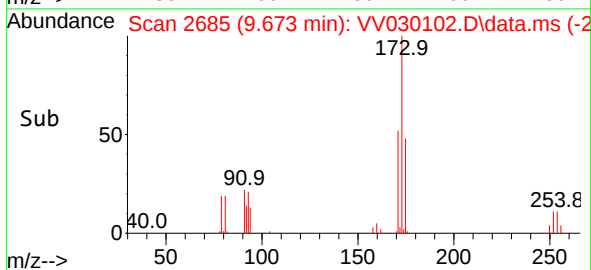
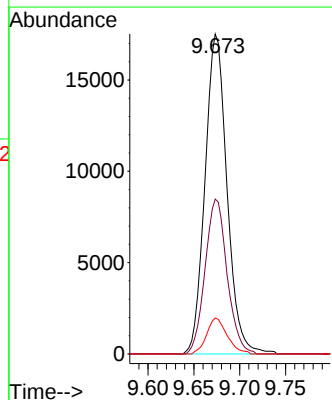
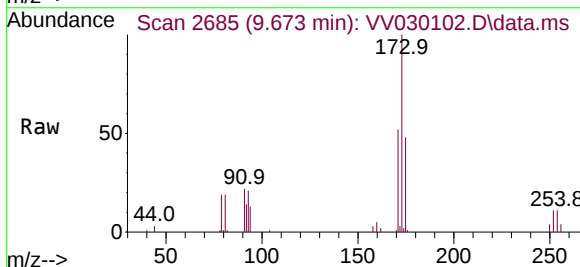
Instrument :
MSVOA_V
ClientSampleId :
VSTD005288

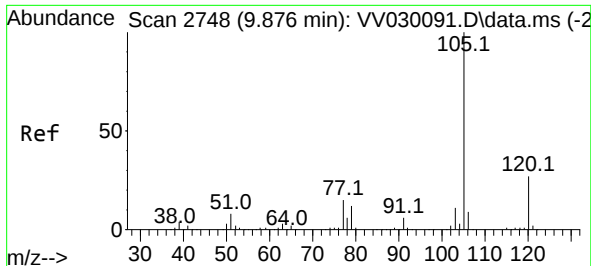
Tgt Ion:	83	Resp:	48583
Ion	Ratio	Lower	Upper
83	100		
85	66.5	45.0	83.6
131	10.8	8.2	12.4



#59
Bromoform
Concen: 5.387 ug/L
RT: 9.673 min Scan# 2685
Delta R.T. -0.000 min
Lab File: VV030102.D
Acq: 01 Mar 2023 11:35

Tgt Ion:	173	Resp:	29226
Ion	Ratio	Lower	Upper
173	100		
175	48.4	38.5	57.7
254	10.5	8.6	13.0

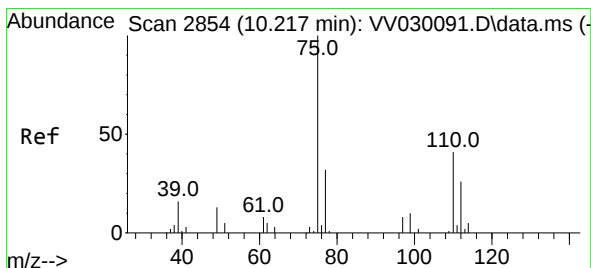
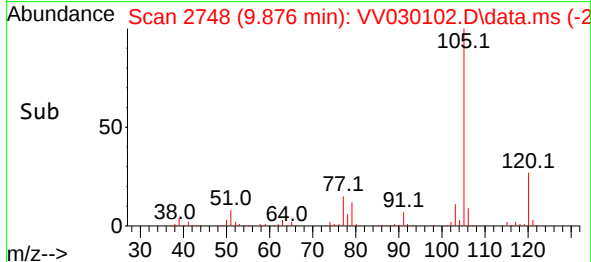
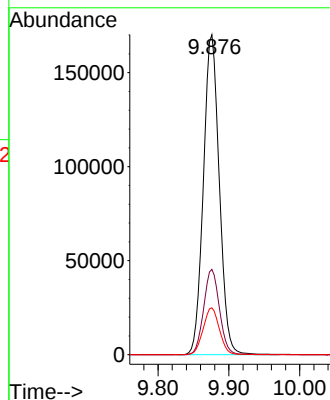
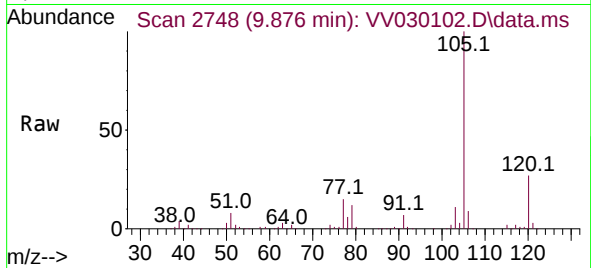




#60
Isopropylbenzene
Concen: 5.092 ug/L
RT: 9.876 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV030102.D
Acq: 01 Mar 2023 11:35

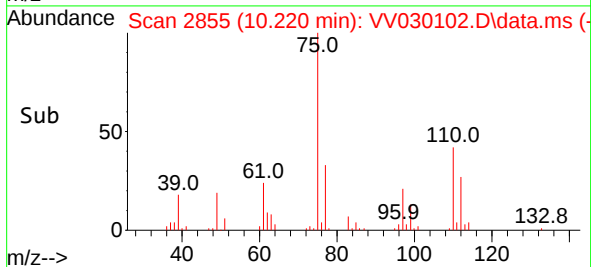
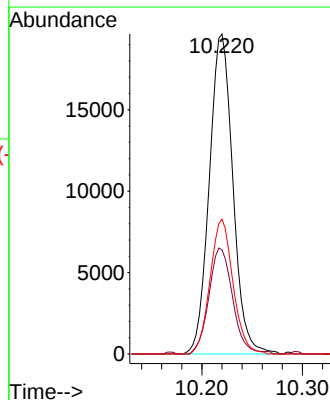
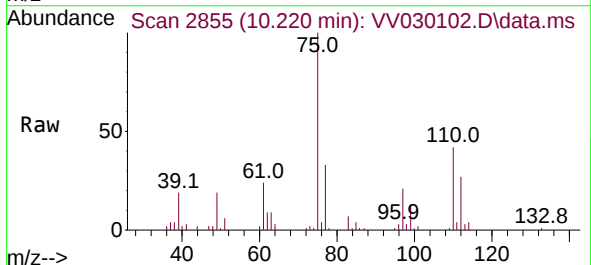
Instrument :
MSVOA_V
ClientSampleId :
VSTD005288

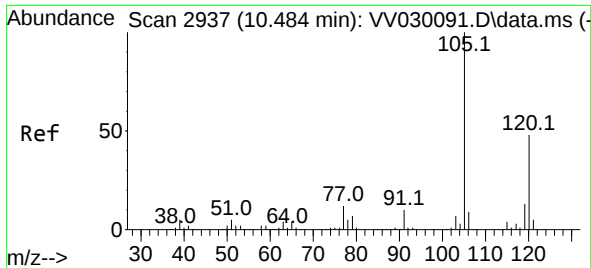
Tgt Ion:105 Resp: 265190
Ion Ratio Lower Upper
105 100
120 26.5 21.4 32.0
77 14.9 12.1 18.1



#61
1,2,3-Trichloropropane
Concen: 5.287 ug/L
RT: 10.220 min Scan# 2855
Delta R.T. 0.003 min
Lab File: VV030102.D
Acq: 01 Mar 2023 11:35

Tgt Ion: 75 Resp: 32026
Ion Ratio Lower Upper
75 100
77 33.3 26.5 39.7
110 41.0 31.8 47.6

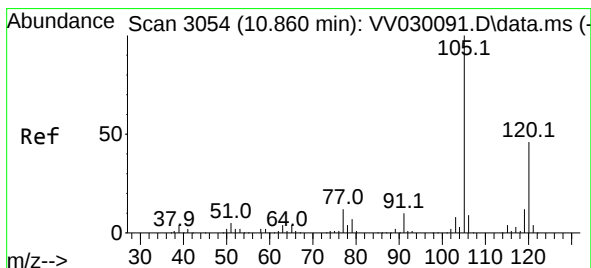
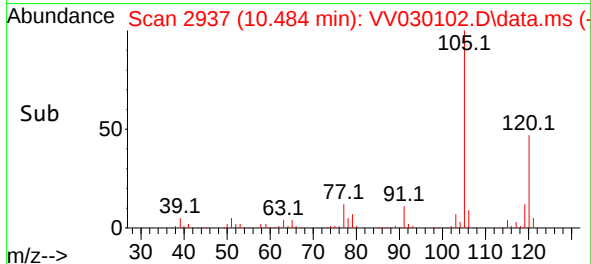
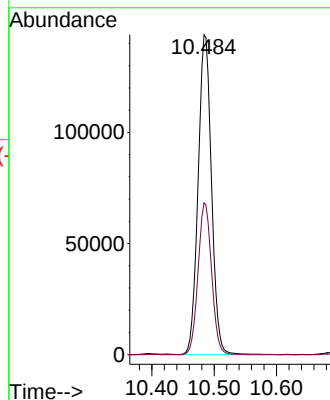
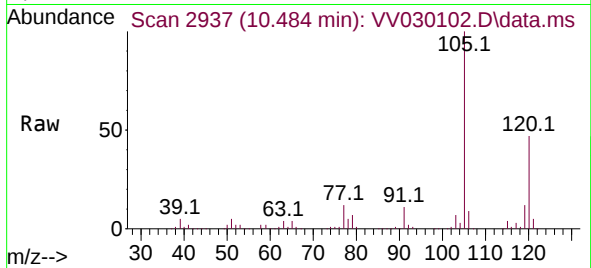




#62
 1,3,5-Trimethylbenzene
 Concen: 5.019 ug/L
 RT: 10.484 min Scan# 2937
 Delta R.T. -0.000 min
 Lab File: VV030102.D
 Acq: 01 Mar 2023 11:35

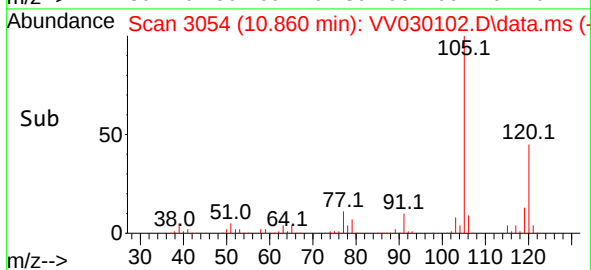
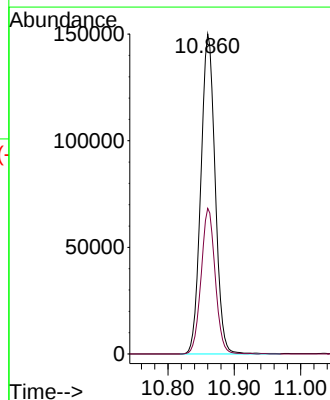
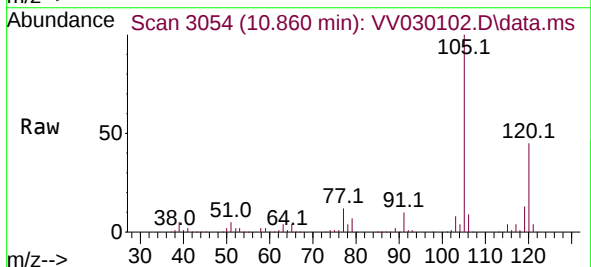
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005288

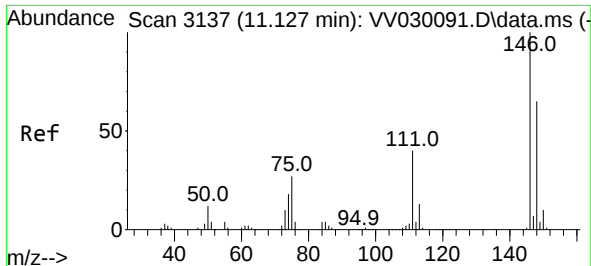
Tgt Ion:105 Resp: 214729
 Ion Ratio Lower Upper
 105 100
 120 48.0 39.6 59.4



#63
 1,2,4-Trimethylbenzene
 Concen: 5.129 ug/L
 RT: 10.860 min Scan# 3054
 Delta R.T. -0.000 min
 Lab File: VV030102.D
 Acq: 01 Mar 2023 11:35

Tgt Ion:105 Resp: 224435
 Ion Ratio Lower Upper
 105 100
 120 44.7 36.2 54.4

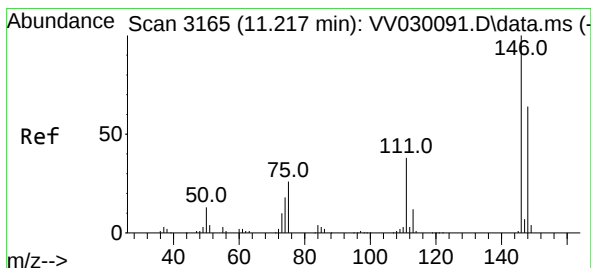
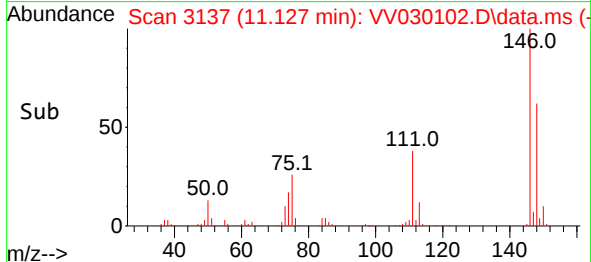
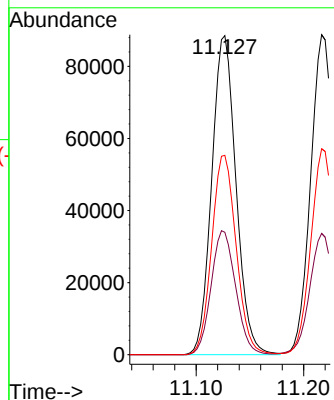
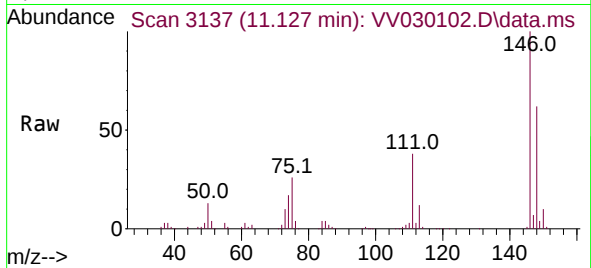




#64
1,3-Dichlorobenzene
Concen: 5.129 ug/L
RT: 11.127 min Scan# 3137
Delta R.T. -0.000 min
Lab File: VV030102.D
Acq: 01 Mar 2023 11:35

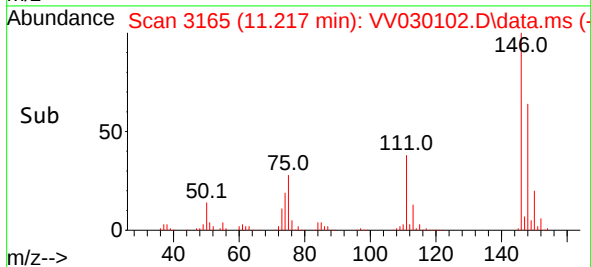
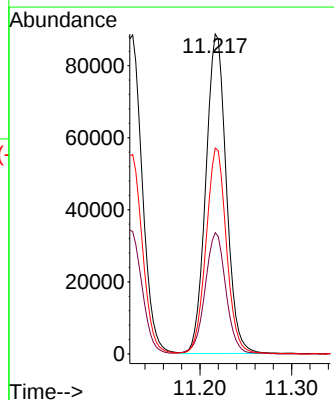
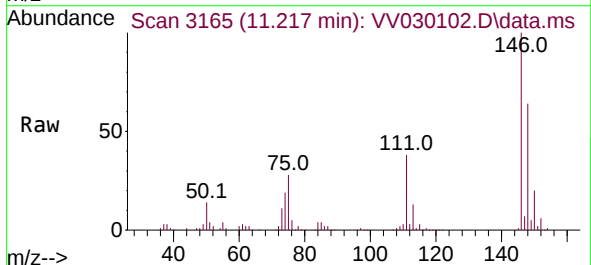
Instrument :
MSVOA_V
ClientSampleId :
VSTD005288

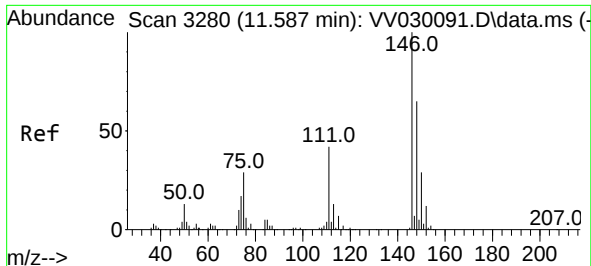
Tgt Ion:146 Resp: 139076
Ion Ratio Lower Upper
146 100
111 38.3 27.7 51.5
148 62.5 44.5 82.7



#65
1,4-Dichlorobenzene
Concen: 5.018 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. -0.000 min
Lab File: VV030102.D
Acq: 01 Mar 2023 11:35

Tgt Ion:146 Resp: 137290
Ion Ratio Lower Upper
146 100
111 37.9 27.4 51.0
148 64.3 44.1 81.9

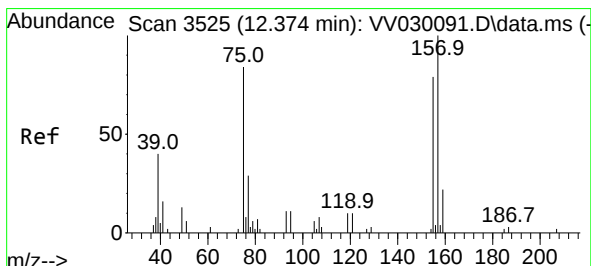
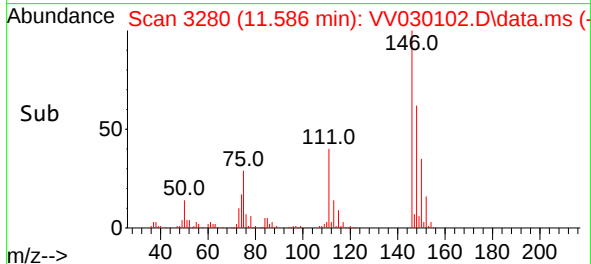
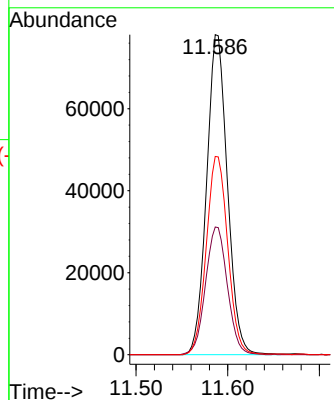
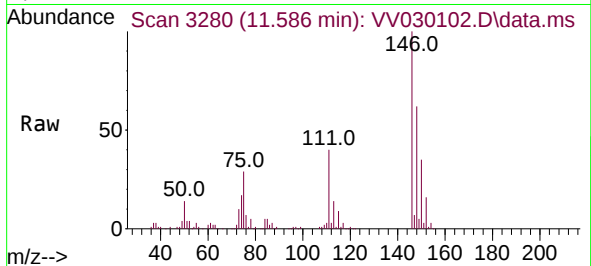




#67
1,2-Dichlorobenzene
Concen: 5.139 ug/L
RT: 11.586 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV030102.D
Acq: 01 Mar 2023 11:35

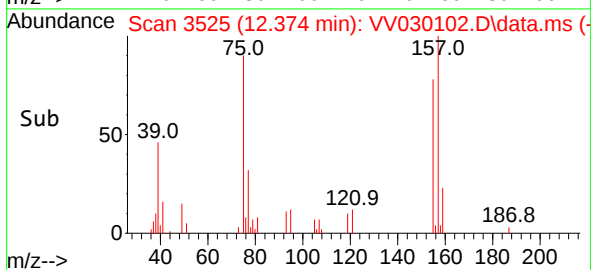
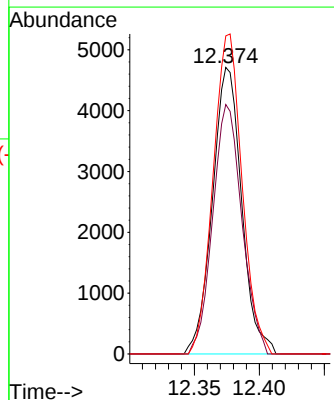
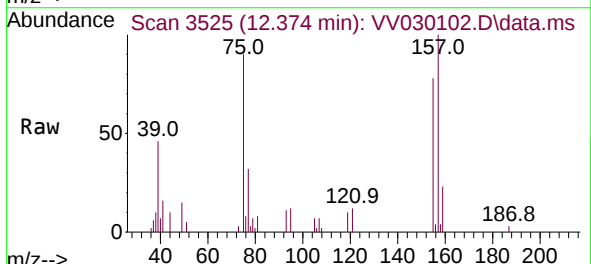
Instrument :
MSVOA_V
ClientSampleId :
VSTD005288

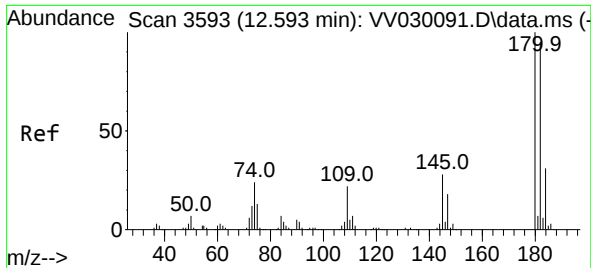
Tgt Ion:146 Resp: 123058
Ion Ratio Lower Upper
146 100
111 39.9 33.5 50.3
148 61.9 51.3 76.9



#68
1,2-Dibromo-3-chloropropane
Concen: 5.441 ug/L
RT: 12.374 min Scan# 3525
Delta R.T. -0.000 min
Lab File: VV030102.D
Acq: 01 Mar 2023 11:35

Tgt Ion: 75 Resp: 7362
Ion Ratio Lower Upper
75 100
155 87.0 79.1 118.7
157 111.0 95.5 143.3

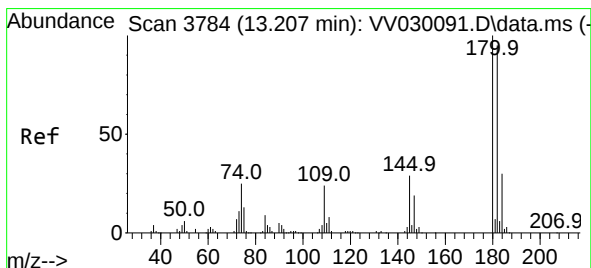
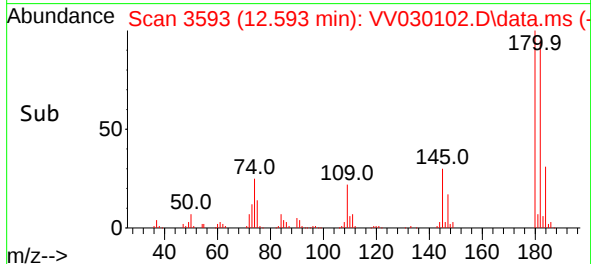
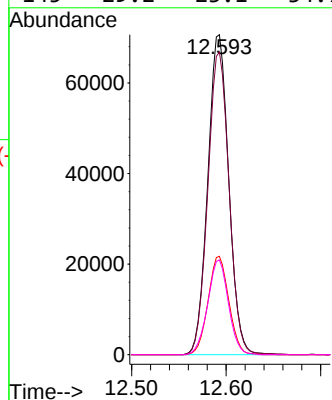
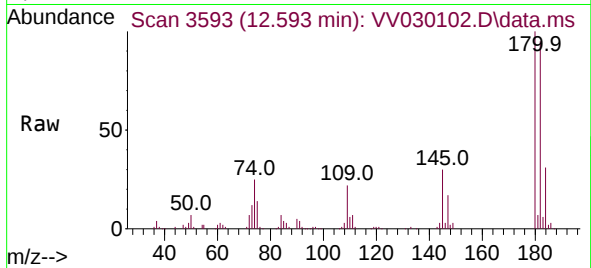




#69
1,3,5-Trichlorobenzene
Concen: 4.883 ug/L
RT: 12.593 min Scan# 3593
Delta R.T. -0.000 min
Lab File: VV030102.D
Acq: 01 Mar 2023 11:35

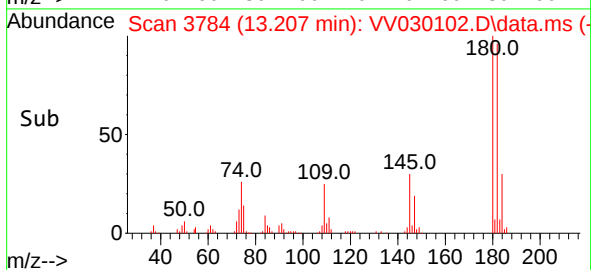
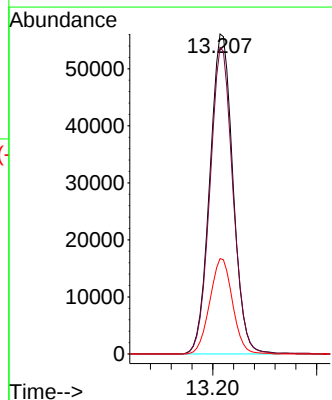
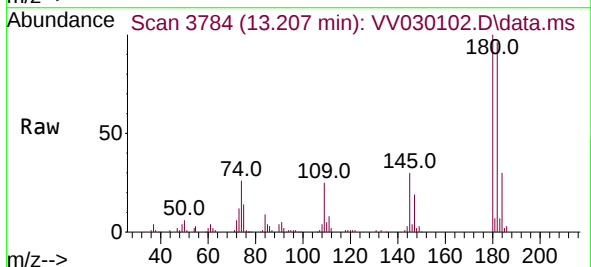
Instrument :
MSVOA_V
ClientSampleId :
VSTD005288

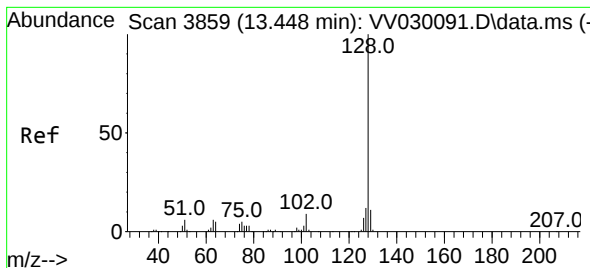
Tgt Ion:	180	Resp:	108858
Ion Ratio	Lower	Upper	
180	100		
182	95.8	76.5	114.7
184	30.4	24.3	36.5
145	29.2	23.1	34.7



#70
1,2,4-trichlorobenzene
Concen: 4.798 ug/L
RT: 13.207 min Scan# 3784
Delta R.T. -0.000 min
Lab File: VV030102.D
Acq: 01 Mar 2023 11:35

Tgt Ion:	180	Resp:	86642
Ion Ratio	Lower	Upper	
180	100		
182	95.0	77.3	115.9
145	29.2	23.1	34.7





#71

Naphthalene

Concen: 4.831 ug/L

RT: 13.448 min Scan# 3859

Delta R.T. -0.000 min

Lab File: VV030102.D

Acq: 01 Mar 2023 11:35

Instrument :

MSVOA_V

ClientSampleId :

VSTD005288

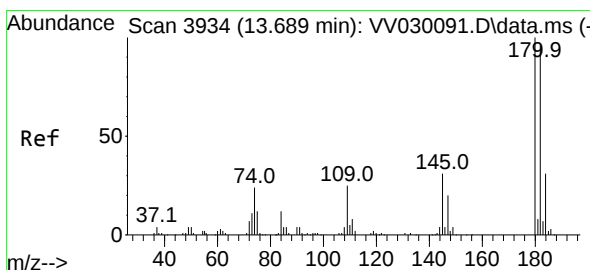
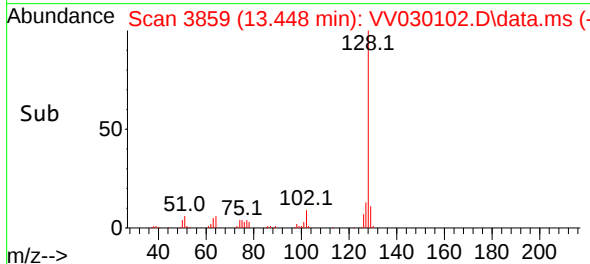
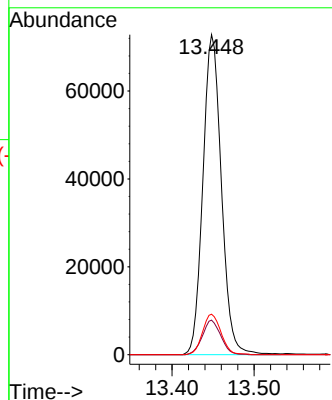
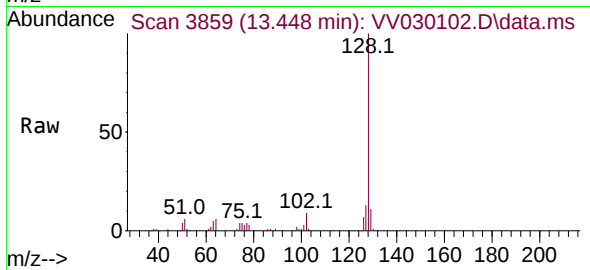
Tgt Ion:128 Resp: 114012

Ion Ratio Lower Upper

128 100

129 10.7 8.6 13.0

127 12.7 10.4 15.6



#72

1,2,3-Trichlorobenzene

Concen: 4.902 ug/L

RT: 13.689 min Scan# 3934

Delta R.T. -0.000 min

Lab File: VV030102.D

Acq: 01 Mar 2023 11:35

Tgt Ion:180 Resp: 72876

Ion Ratio Lower Upper

180 100

182 96.5 76.2 114.2

145 32.1 25.1 37.7

