

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022323\
 Data File : VW030084.D
 Acq On : 23 Feb 2023 10:03
 Operator : SY/MD
 Sample : VSTD0.522
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5222

Quant Time: Feb 23 21:17:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Feb 23 21:16:51 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	183442	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	171357	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	91453	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	5646	0.476	ug/L	0.00
7) Chloroethane-d5	1.536	69	5240	0.470	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.066	63	11261	0.461	ug/L	0.00
20) 2-Butanone-d5	3.873	46	2441	1.134	ug/L	0.04
24) Chloroform-d	4.265	84	11073	0.457	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.963	65	4146	0.419	ug/L	0.00
32) Benzene-d6	4.973	84	20579	0.446	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.005	67	6340	0.457	ug/L	0.00
41) Toluene-d8	7.252	98	18562	0.425	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.567	79	1819	0.383	ug/L	0.00
46) 2-Hexanone-d5	8.043	63	7300	3.747	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.165	84	4585	0.465	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.571	152	7163	0.463	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	6863	0.460	ug/L	96
3) Chloromethane	1.217	50	13570	0.577	ug/L	99
5) Vinyl chloride	1.285	62	7064	0.452	ug/L	99
6) Bromomethane	1.491	94	1455	0.519	ug/L	89
8) Chloroethane	1.552	64	4231	0.444	ug/L	95
9) Trichlorofluoromethane	1.719	101	9999	0.446	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.076	101	6216	0.447	ug/L	98
12) 1,1-Dichloroethene	2.076	96	5697	0.463	ug/L	97
13) Acetone	2.169	43	3264	2.032	ug/L	95
14) Carbon disulfide	2.246	76	14965	0.454	ug/L	99
15) Methyl Acetate	2.397	43	663	0.175	ug/L #	52
16) Methylene chloride	2.455	84	9108	0.606	ug/L	99
17) Methyl tert-butyl Ether	2.716	73	10249	0.426	ug/L	100
18) trans-1,2-Dichloroethene	2.703	96	5298	0.452	ug/L	95
19) 1,1-Dichloroethane	3.121	63	9998	0.458	ug/L	95
21) 2-Butanone	4.040	43	337	0.155	ug/L	88
22) cis-1,2-Dichloroethene	3.831	96	5640	0.436	ug/L	95
23) Bromochloromethane	4.162	128	2244	0.406	ug/L	88
25) Chloroform	4.291	83	10438	0.460	ug/L	97
27) 1,2-Dichloroethane	5.060	62	5418	0.456	ug/L	94
29) 1,1,1-Trichloroethane	4.526	97	8781	0.436	ug/L	98
30) Cyclohexane	4.590	56	7386	0.425	ug/L	97
31) Carbon tetrachloride	4.744	117	7899	0.437	ug/L	99
33) Benzene	5.021	78	20771	0.444	ug/L	100
34) Trichloroethene	5.844	95	5954	0.454	ug/L	90
35) Methylcyclohexane	6.060	83	8271	0.417	ug/L	97
37) 1,2-Dichloropropane	6.105	63	5442	0.457	ug/L #	94
38) Bromodichloromethane	6.449	83	6612	0.435	ug/L	96
39) cis-1,3-Dichloropropene	6.969	75	7082	0.406	ug/L	87
40) 4-Methyl-2-pentanone	7.175	43	19889	4.048	ug/L	96
42) Toluene	7.326	91	20764	0.410	ug/L	100
44) trans-1,3-Dichloropropene	7.596	75	5423	0.399	ug/L	90

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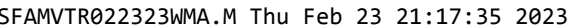
Quant Time: Feb 23 21:17:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Feb 23 21:16:51 2023
 Response via : Initial Calibration

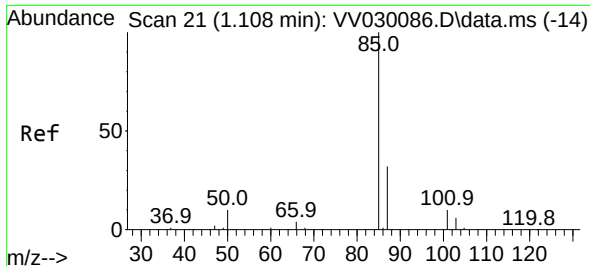
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.780	97	3851	0.452	ug/L	94
47) Tetrachloroethene	7.915	164	4975	0.442	ug/L	96
48) 2-Hexanone	8.095	43	12270	3.546	ug/L	98
49) Dibromochloromethane	8.188	129	4315	0.433	ug/L	93
50) 1,2-Dibromoethane	8.294	107	3258	0.410	ug/L #	93
51) Chlorobenzene	8.825	112	15513	0.454	ug/L	95
52) Ethylbenzene	8.957	91	22787	0.413	ug/L	98
53) m,p-Xylene	9.082	106	8436	0.398	ug/L	99
54) o-Xylene	9.490	106	8099	0.400	ug/L	95
55) Styrene	9.506	104	12144	0.361	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.188	83	4198	0.441	ug/L	93
59) Bromoform	9.674	173	2484	0.453	ug/L #	95
60) Isopropylbenzene	9.876	105	21360	0.406	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	3008	0.491	ug/L	95
62) 1,3,5-Trimethylbenzene	10.484	105	17385	0.402	ug/L	98
63) 1,2,4-Trimethylbenzene	10.860	105	17196	0.389	ug/L	98
64) 1,3-Dichlorobenzene	11.127	146	12284	0.448	ug/L	94
65) 1,4-Dichlorobenzene	11.220	146	13164	0.476	ug/L	96
67) 1,2-Dichlorobenzene	11.590	146	10831	0.448	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.371	75	613	0.448	ug/L #	72
69) 1,3,5-Trichlorobenzene	12.593	180	9686	0.430	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	8253	0.452	ug/L	98
71) Naphthalene	13.448	128	10180	0.427	ug/L	99
72) 1,2,3-Trichlorobenzene	13.693	180	6873	0.458	ug/L	97

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

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Response via : Initial Calibration

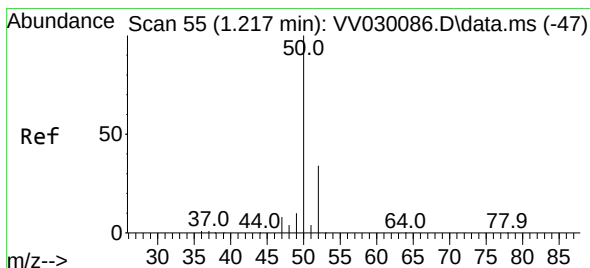
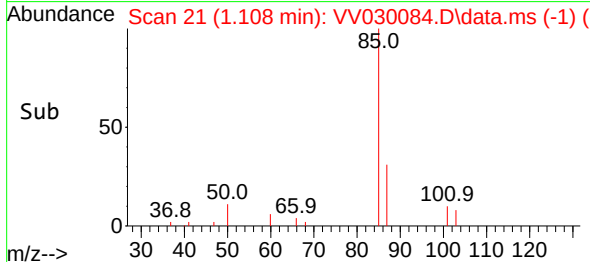
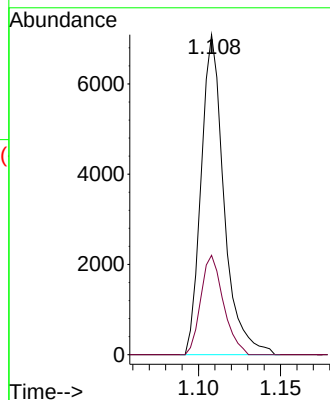
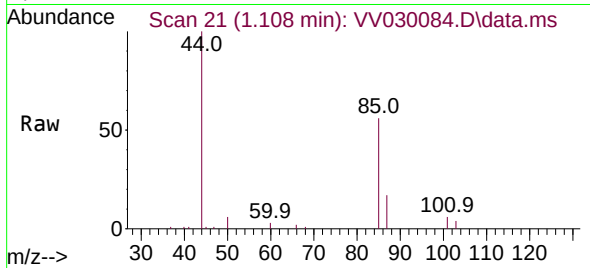




#2
 Dichlorodifluoromethane
 Concen: 0.460 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV030084.D
 Acq: 23 Feb 2023 10:03

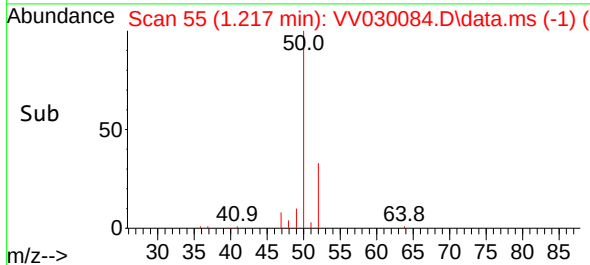
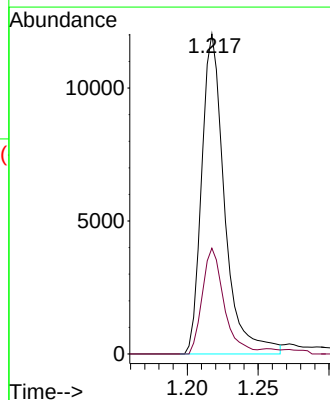
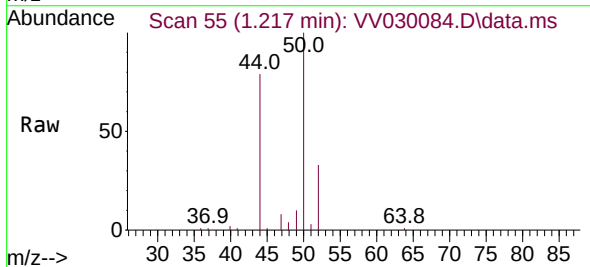
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5222

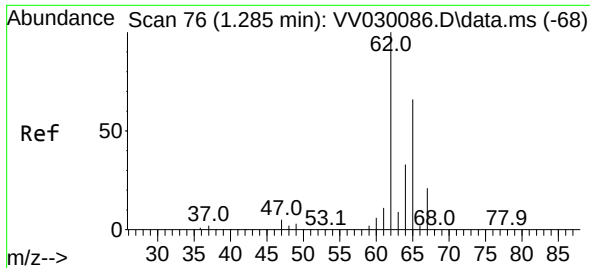
Tgt Ion: 85 Resp: 6863
 Ion Ratio Lower Upper
 85 100
 87 30.7 26.6 39.8



#3
 Chloromethane
 Concen: 0.577 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV030084.D
 Acq: 23 Feb 2023 10:03

Tgt Ion: 50 Resp: 13570
 Ion Ratio Lower Upper
 50 100
 52 33.1 23.6 43.8

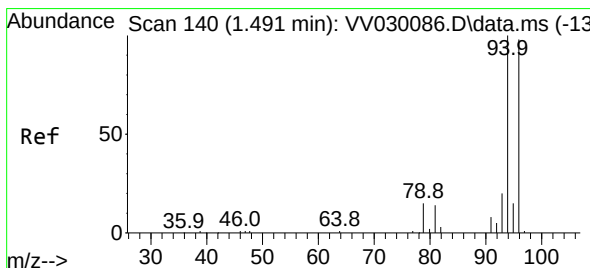
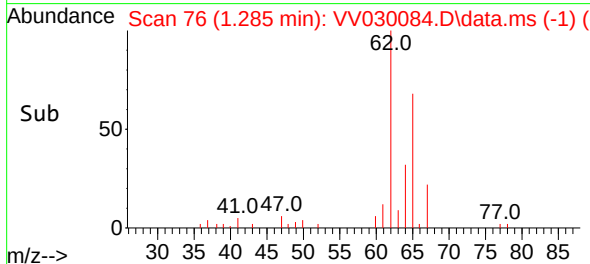
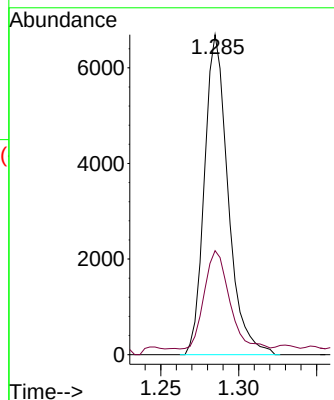
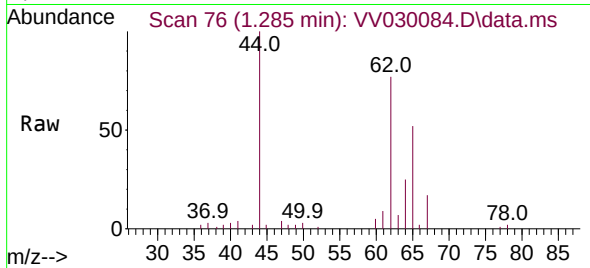




#5
 Vinyl chloride
 Concen: 0.452 ug/L
 RT: 1.285 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VV030084.D
 Acq: 23 Feb 2023 10:03

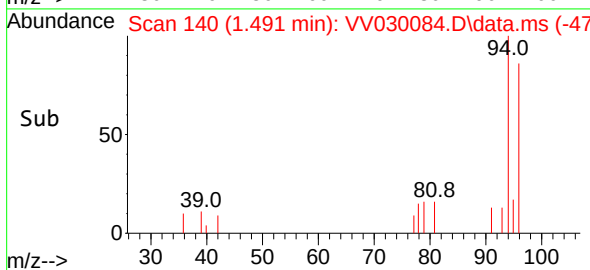
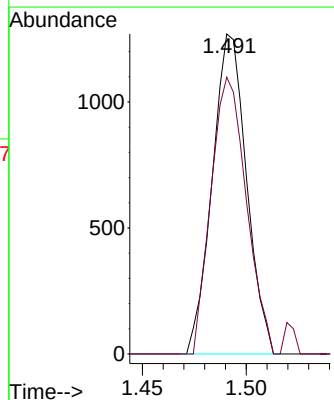
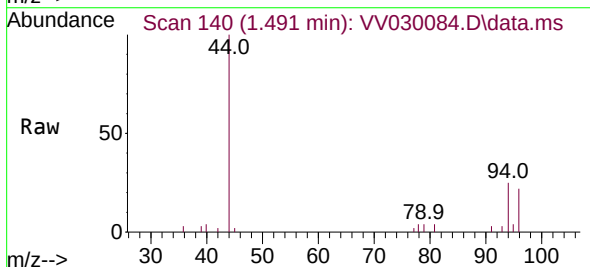
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 ClientSampleId :
 VSTD0.5222

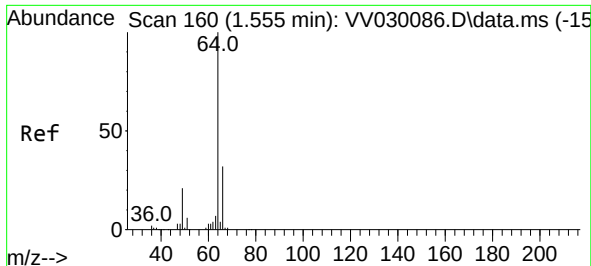
Tgt Ion: 62 Resp: 7064
 Ion Ratio Lower Upper
 62 100
 64 32.5 23.1 42.9



#6
 Bromomethane
 Concen: 0.519 ug/L
 RT: 1.491 min Scan# 140
 Delta R.T. 0.000 min
 Lab File: VV030084.D
 Acq: 23 Feb 2023 10:03

Tgt Ion: 94 Resp: 1455
 Ion Ratio Lower Upper
 94 100
 96 86.5 68.4 127.0

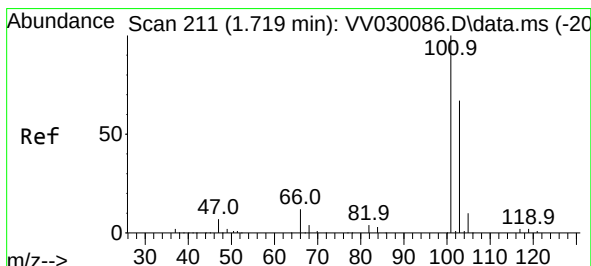
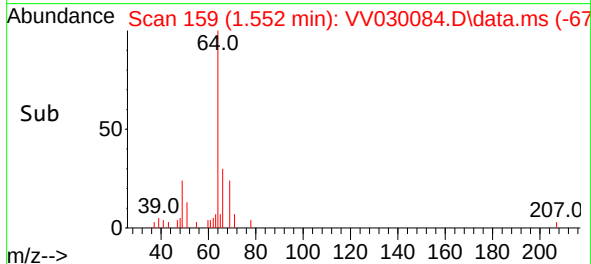
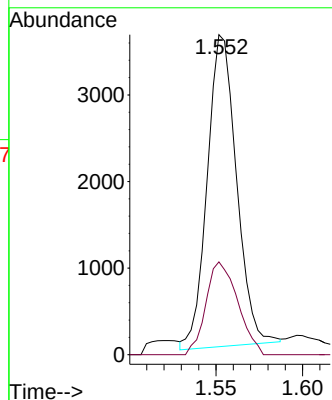
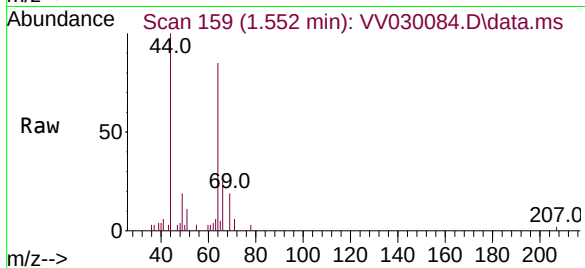




#8
Chloroethane
Concen: 0.444 ug/L
RT: 1.552 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV030084.D
Acq: 23 Feb 2023 10:03

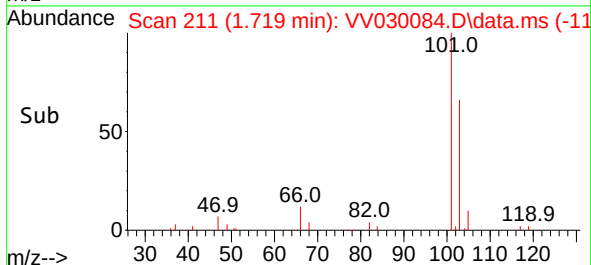
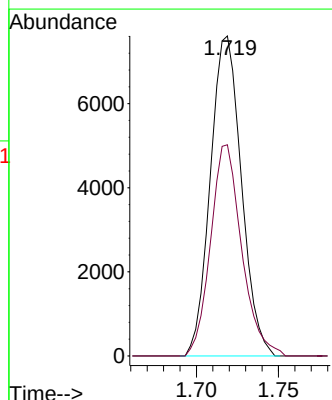
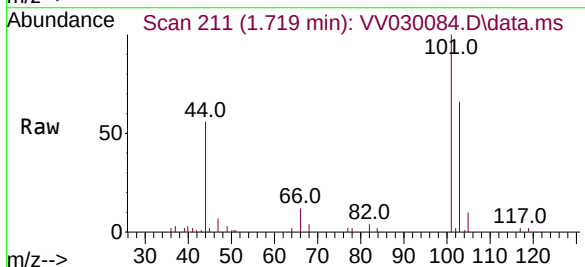
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5222

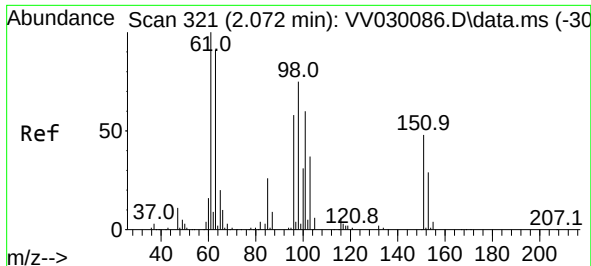
Tgt Ion: 64 Resp: 4231
Ion Ratio Lower Upper
64 100
66 29.0 22.4 41.6



#9
Trichlorofluoromethane
Concen: 0.446 ug/L
RT: 1.719 min Scan# 211
Delta R.T. 0.000 min
Lab File: VV030084.D
Acq: 23 Feb 2023 10:03

Tgt Ion:101 Resp: 9999
Ion Ratio Lower Upper
101 100
103 66.1 52.7 79.1





#10

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

Concen: 0.447 ug/L

RT: 2.076 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV030084.D

Acq: 23 Feb 2023 10:03

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5222

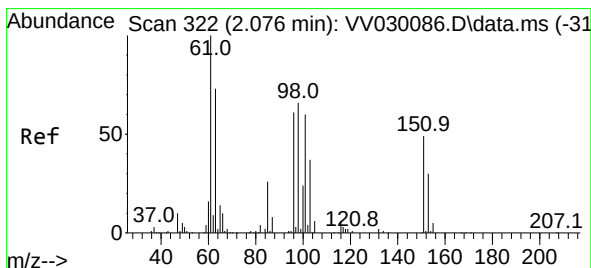
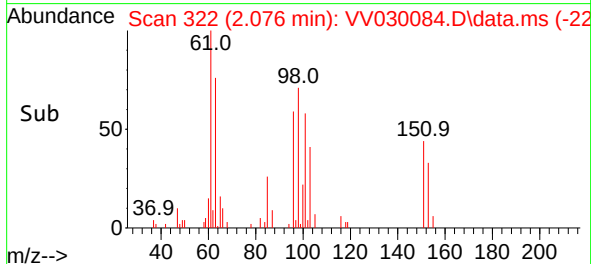
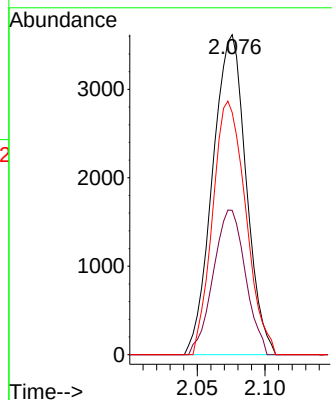
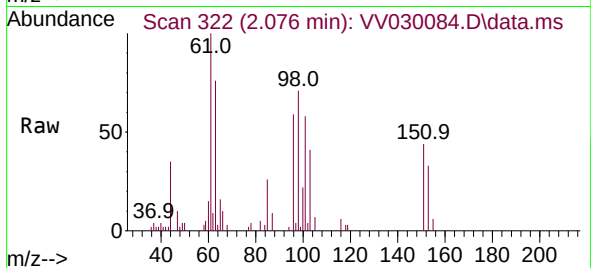
Tgt Ion:101 Resp: 6216

Ion Ratio Lower Upper

101 100

85 43.4 33.5 50.3

151 78.3 61.6 92.4



#12

1,1-Dichloroethene

Concen: 0.463 ug/L

RT: 2.076 min Scan# 322

Delta R.T. 0.000 min

Lab File: VV030084.D

Acq: 23 Feb 2023 10:03

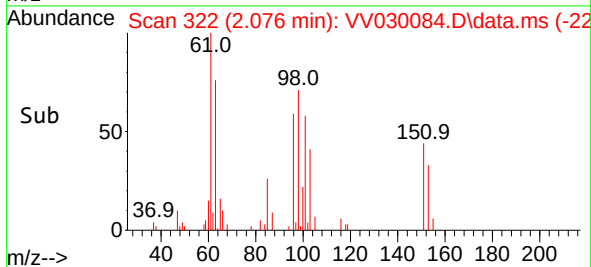
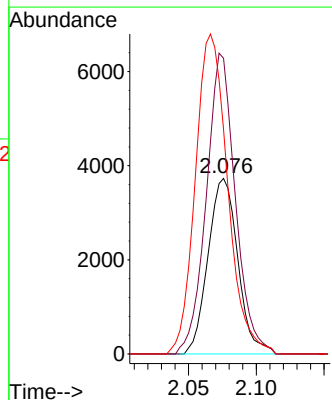
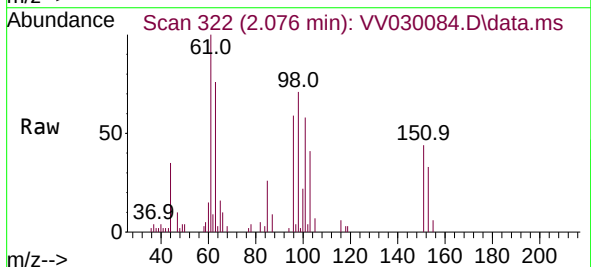
Tgt Ion: 96 Resp: 5697

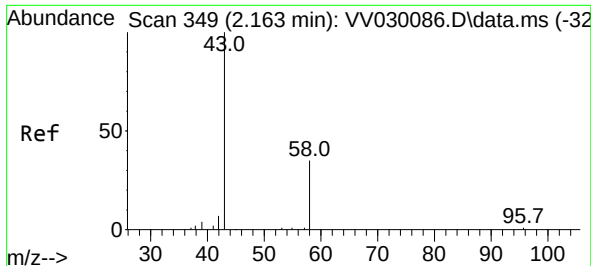
Ion Ratio Lower Upper

96 100

61 168.4 115.6 214.6

63 127.8 85.6 159.0





#13

Acetone

Concen: 2.032 ug/L

RT: 2.169 min Scan# 3

Delta R.T. 0.006 min

Lab File: VV030084.D

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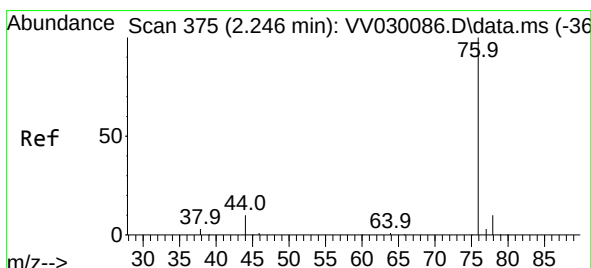
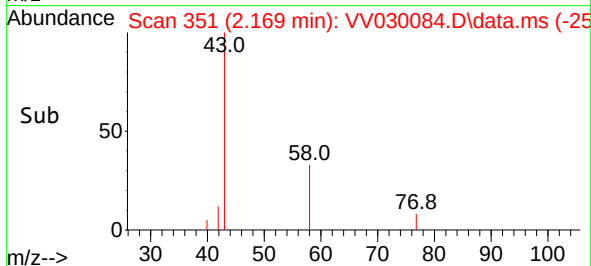
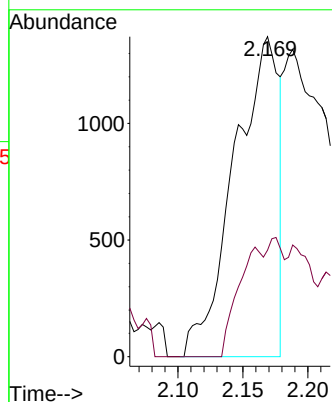
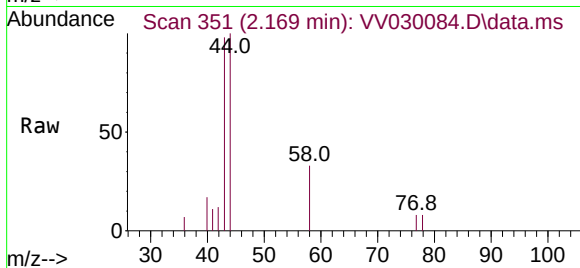
VSTD0.5222

Tgt Ion: 43 Resp: 3264

Ion Ratio Lower Upper

43 100

58 12.4 0.0 29.4



#14

Carbon disulfide

Concen: 0.454 ug/L

RT: 2.246 min Scan# 375

Delta R.T. 0.000 min

Lab File: VV030084.D

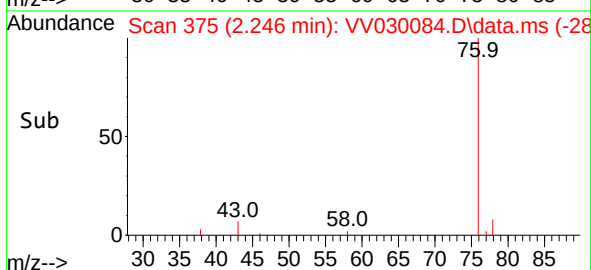
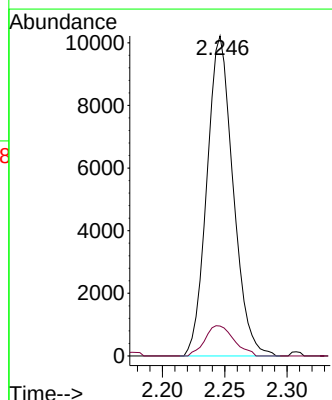
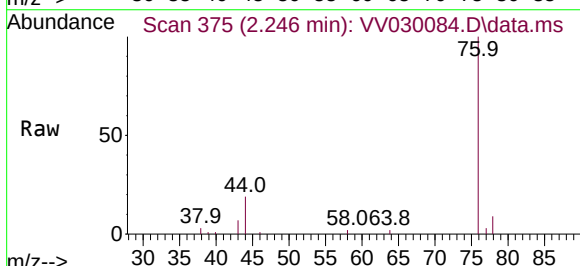
Acq: 23 Feb 2023 10:03

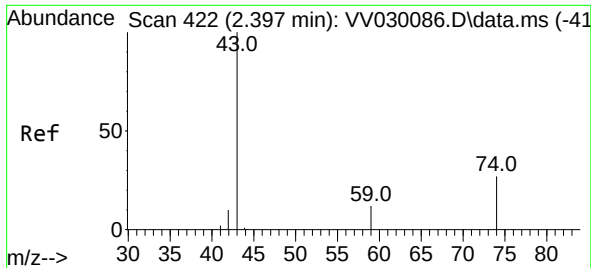
Tgt Ion: 76 Resp: 14965

Ion Ratio Lower Upper

76 100

78 9.3 7.7 11.5

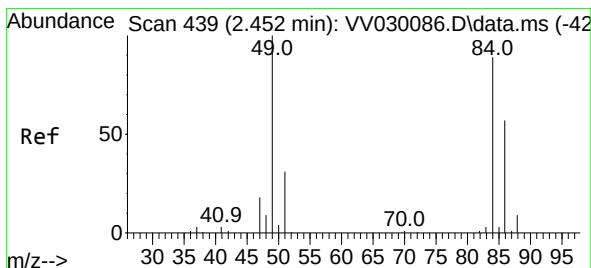
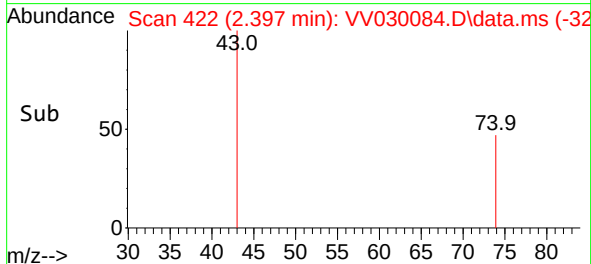
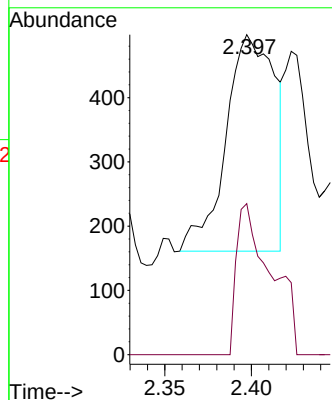
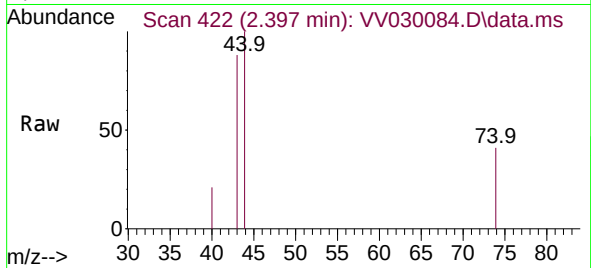




#15
Methyl Acetate
Concen: 0.175 ug/L
RT: 2.397 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV030084.D
Acq: 23 Feb 2023 10:03

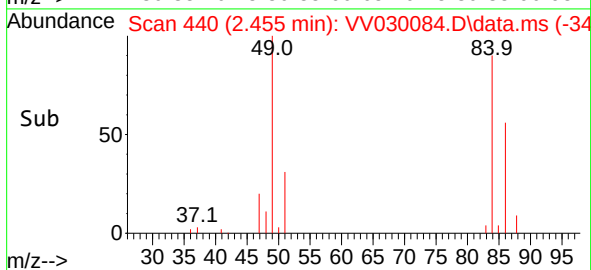
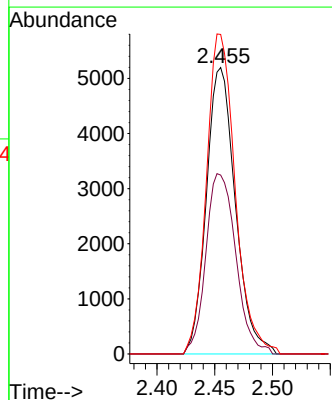
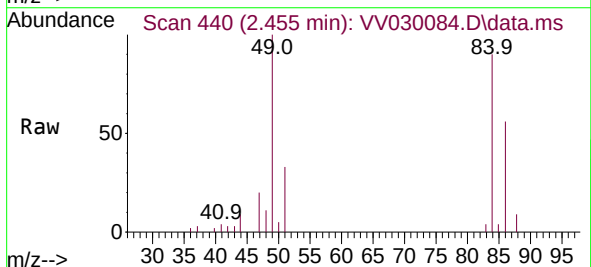
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5222

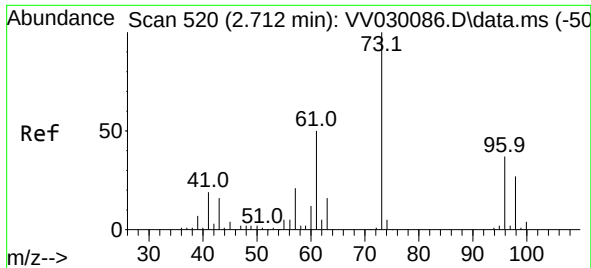
Tgt Ion: 43 Resp: 663
Ion Ratio Lower Upper
43 100
74 49.0 20.1 30.1#



#16
Methylene chloride
Concen: 0.606 ug/L
RT: 2.455 min Scan# 440
Delta R.T. 0.003 min
Lab File: VV030084.D
Acq: 23 Feb 2023 10:03

Tgt Ion: 84 Resp: 9108
Ion Ratio Lower Upper
84 100
86 62.4 44.7 83.1
49 111.5 78.8 146.3

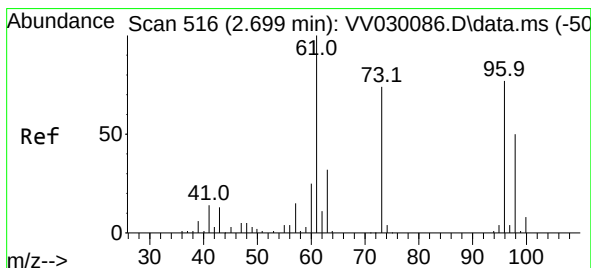
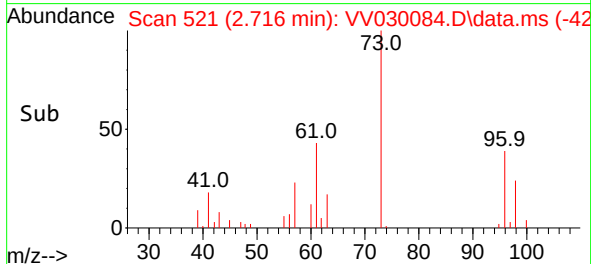
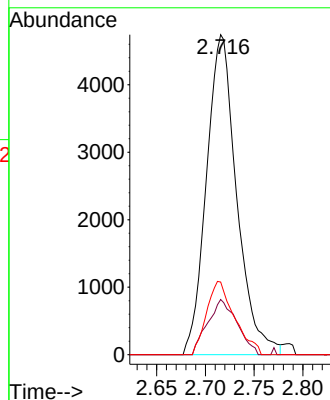
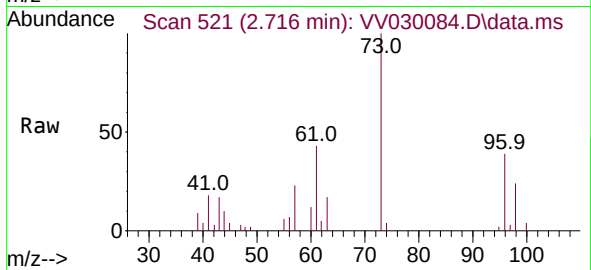




#17
Methyl tert-butyl Ether
Concen: 0.426 ug/L
RT: 2.716 min Scan# 517
Delta R.T. 0.003 min
Lab File: VV030084.D
Acq: 23 Feb 2023 10:03

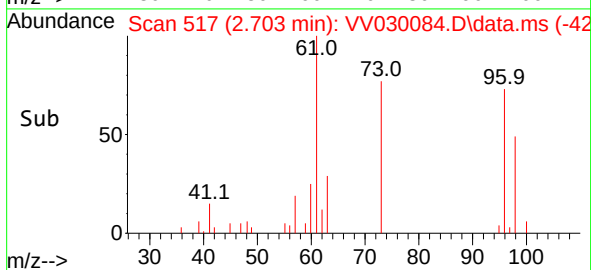
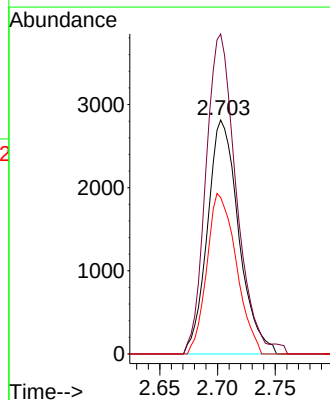
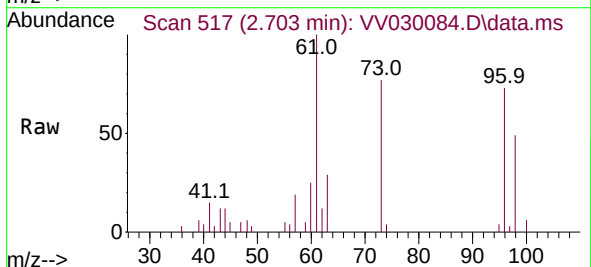
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5222

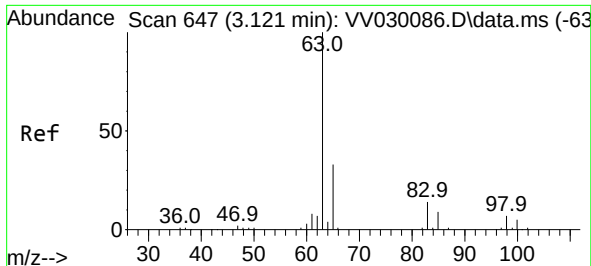
Tgt Ion: 73	Resp: 10249
Ion Ratio	Lower Upper
73 100	
43 16.7	13.4 20.2
57 21.1	16.8 25.2



#18
trans-1,2-Dichloroethene
Concen: 0.452 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.003 min
Lab File: VV030084.D
Acq: 23 Feb 2023 10:03

Tgt Ion: 96	Resp: 5298
Ion Ratio	Lower Upper
96 100	
61 136.7	91.0 169.0
98 66.8	45.2 84.0





#19

1,1-Dichloroethane

Concen: 0.458 ug/L

RT: 3.121 min Scan# 64

Delta R.T. 0.000 min

Lab File: VV030084.D

Acq: 23 Feb 2023 10:03

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5222

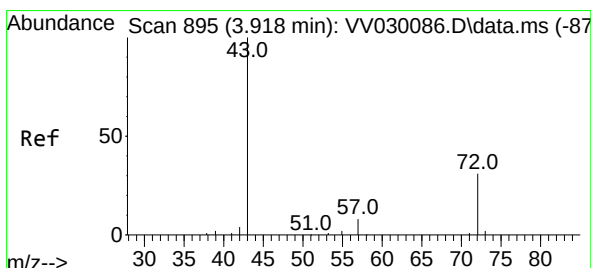
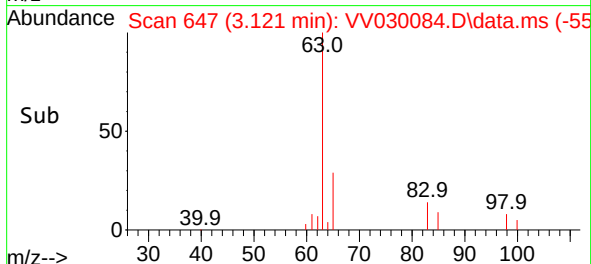
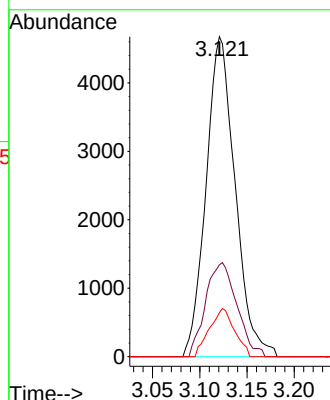
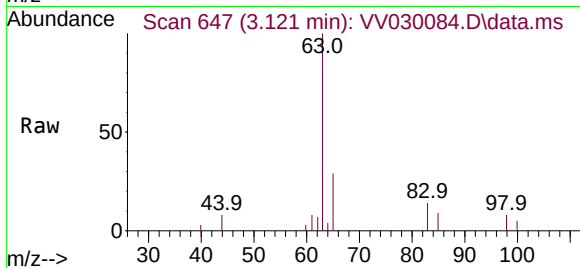
Tgt Ion: 63 Resp: 9998

Ion Ratio Lower Upper

63 100

65 28.7 23.0 42.8

83 13.8 9.6 17.8



#21

2-Butanone

Concen: 0.155 ug/L

RT: 4.040 min Scan# 933

Delta R.T. 0.122 min

Lab File: VV030084.D

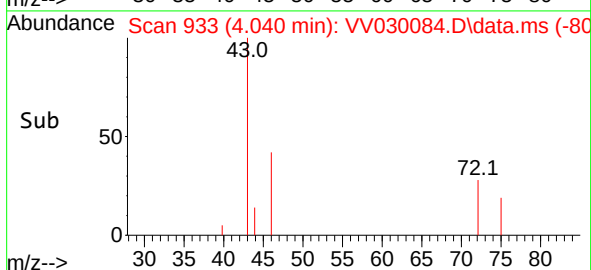
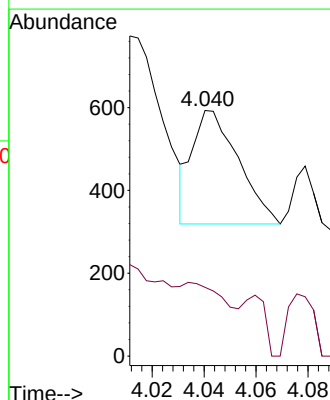
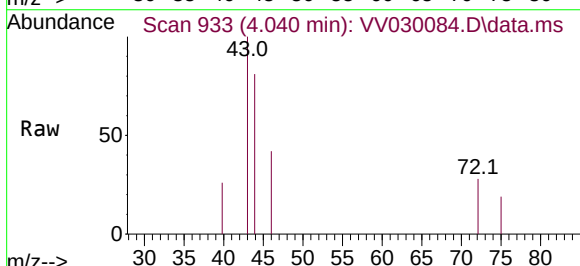
Acq: 23 Feb 2023 10:03

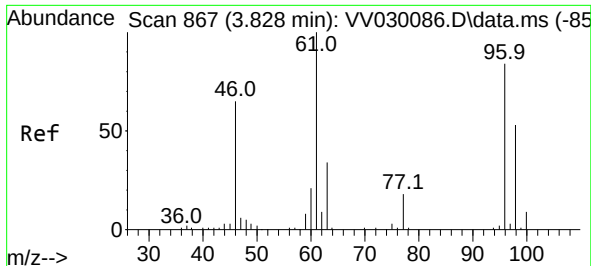
Tgt Ion: 43 Resp: 337

Ion Ratio Lower Upper

43 100

72 23.7 15.1 45.3





#22

cis-1,2-Dichloroethene

Concen: 0.436 ug/L

RT: 3.831 min Scan# 867

Delta R.T. 0.003 min

Lab File: VV030084.D

Acq: 23 Feb 2023 10:03

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5222

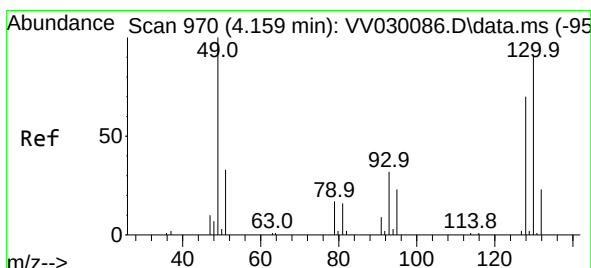
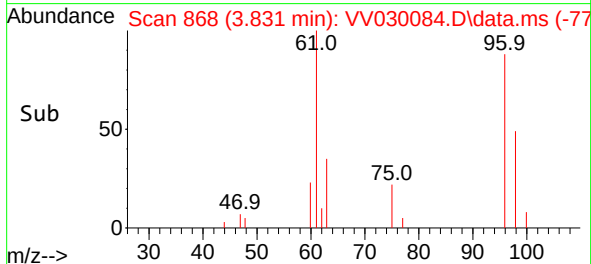
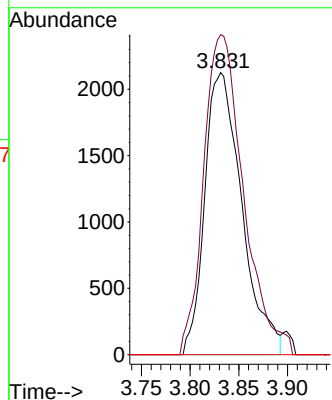
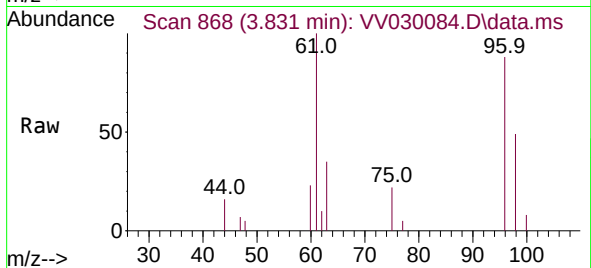
Tgt Ion: 96 Resp: 5640

Ion Ratio Lower Upper

96 100

61 113.5 83.4 154.8

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 0.406 ug/L

RT: 4.162 min Scan# 971

Delta R.T. 0.003 min

Lab File: VV030084.D

Acq: 23 Feb 2023 10:03

Tgt Ion: 128 Resp: 2244

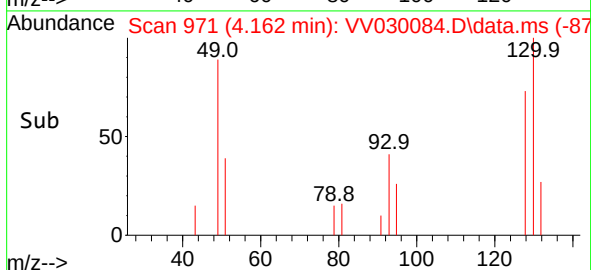
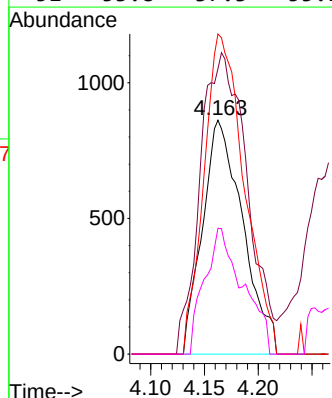
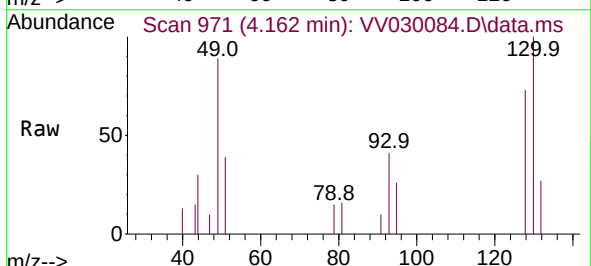
Ion Ratio Lower Upper

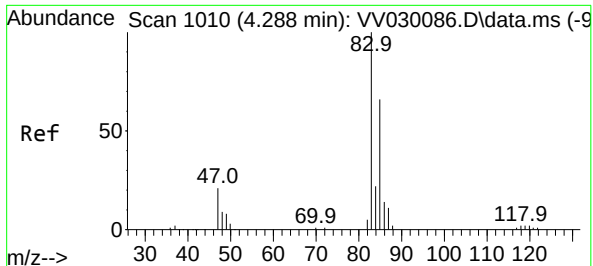
128 100

49 122.0 99.5 184.9

130 136.9 90.5 168.1

51 53.8 37.3 55.9





#25

Chloroform

Concen: 0.460 ug/L

RT: 4.291 min Scan# 1010

Delta R.T. 0.003 min

Lab File: VV030084.D

Acq: 23 Feb 2023 10:03

Instrument :

MSVOA_V

ClientSampleId :

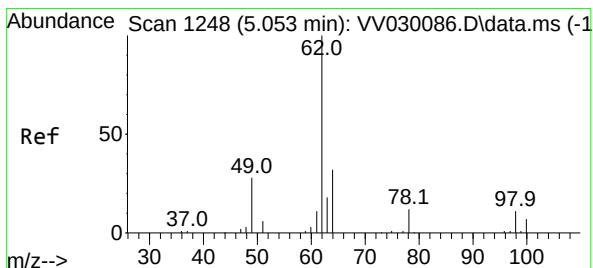
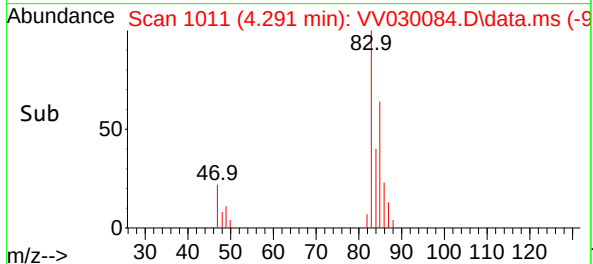
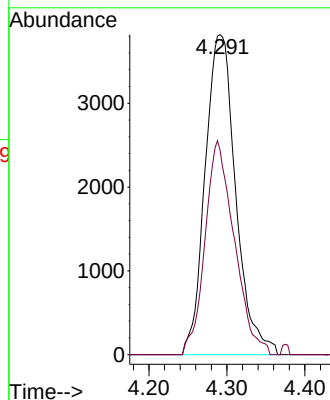
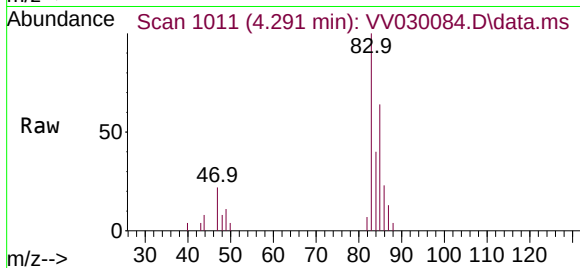
VSTD0.5222

Tgt Ion: 83 Resp: 10438

Ion Ratio Lower Upper

83 100

85 64.0 46.5 86.5



#27

1,2-Dichloroethane

Concen: 0.456 ug/L

RT: 5.060 min Scan# 1250

Delta R.T. 0.006 min

Lab File: VV030084.D

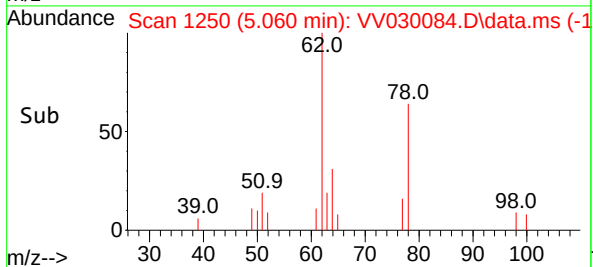
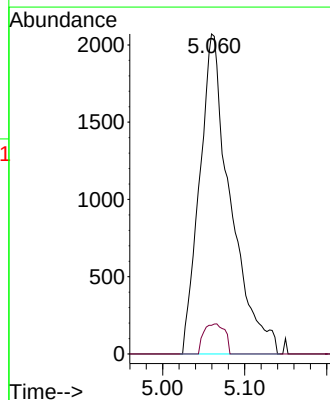
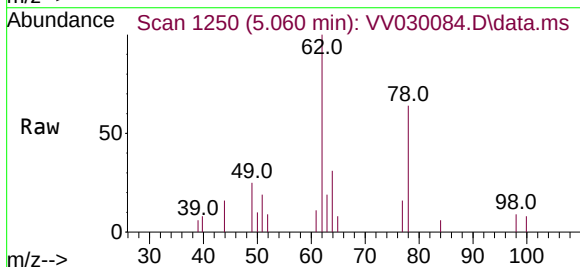
Acq: 23 Feb 2023 10:03

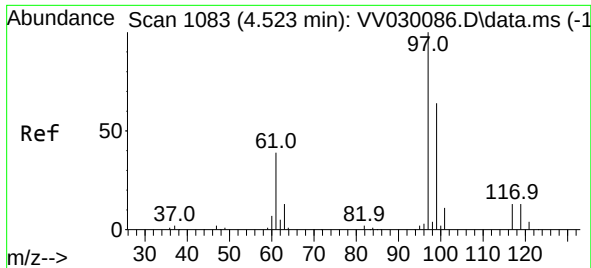
Tgt Ion: 62 Resp: 5418

Ion Ratio Lower Upper

62 100

98 9.0 9.0 13.4





#29

1,1,1-Trichloroethane

Concen: 0.436 ug/L

RT: 4.526 min Scan# 1104

Delta R.T. 0.003 min

Lab File: VV030084.D

Acq: 23 Feb 2023 10:03

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5222

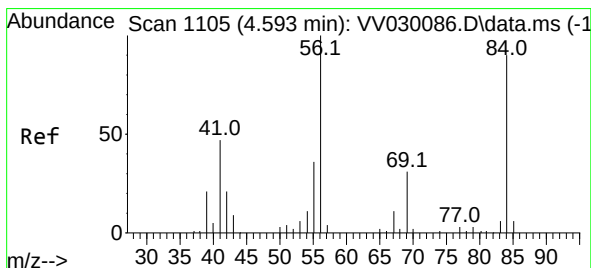
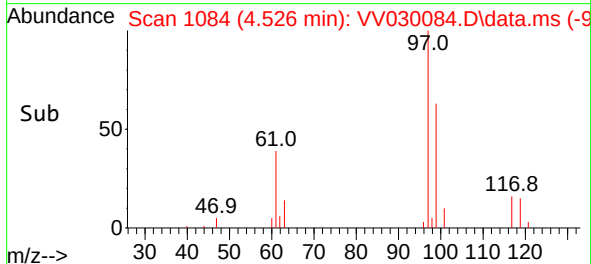
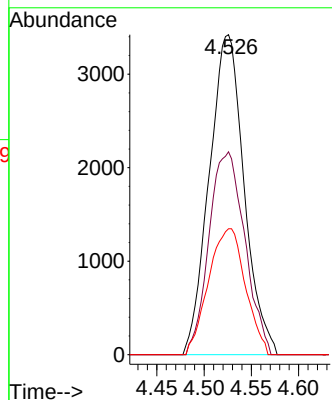
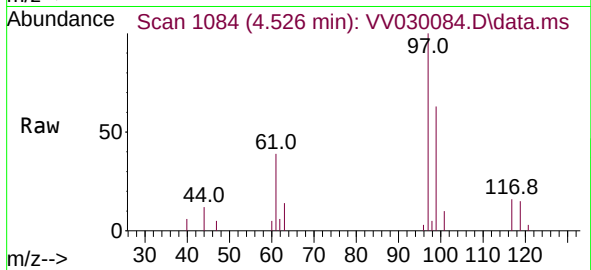
Tgt Ion: 97 Resp: 8781

Ion Ratio Lower Upper

97 100

99 65.1 51.3 76.9

61 41.6 31.5 47.3



#30

Cyclohexane

Concen: 0.425 ug/L

RT: 4.590 min Scan# 1104

Delta R.T. -0.003 min

Lab File: VV030084.D

Acq: 23 Feb 2023 10:03

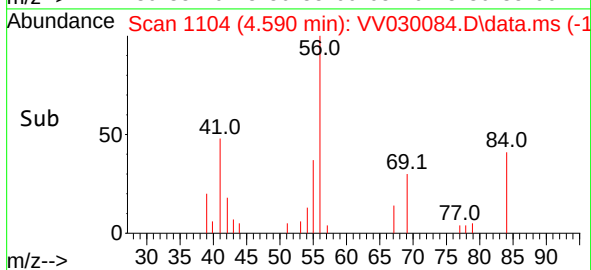
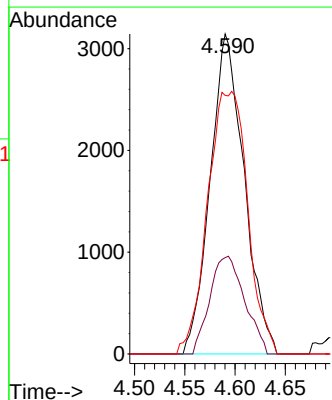
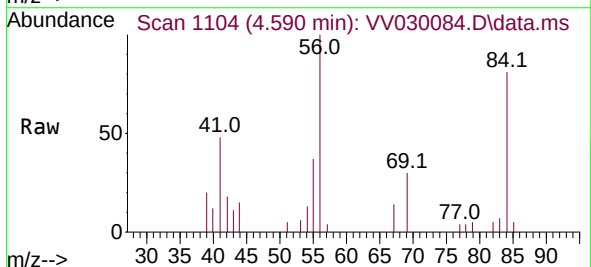
Tgt Ion: 56 Resp: 7386

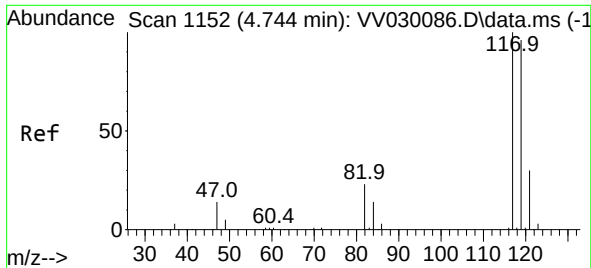
Ion Ratio Lower Upper

56 100

69 31.3 25.1 37.7

84 96.6 74.6 111.8

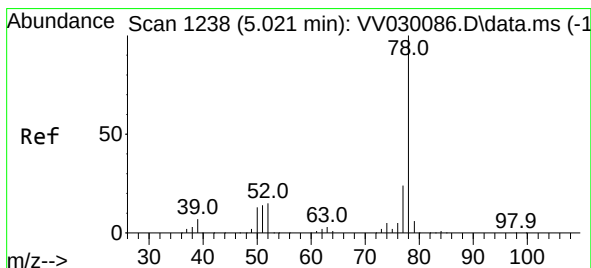
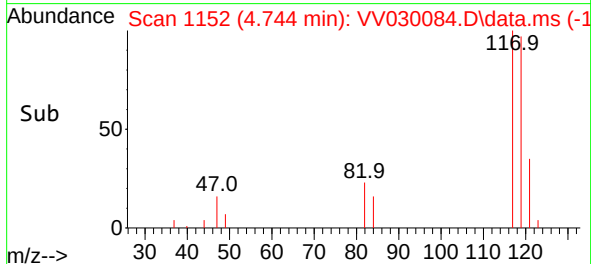
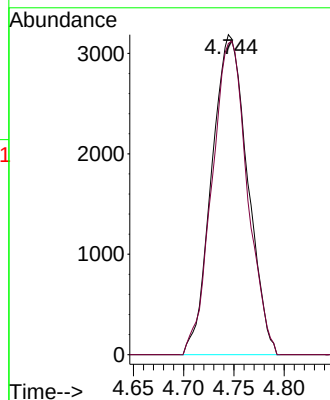
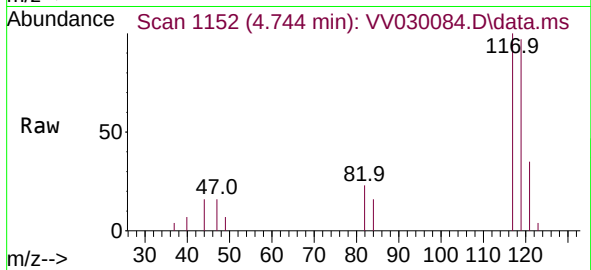




#31
Carbon tetrachloride
Concen: 0.437 ug/L
RT: 4.744 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VV030084.D
Acq: 23 Feb 2023 10:03

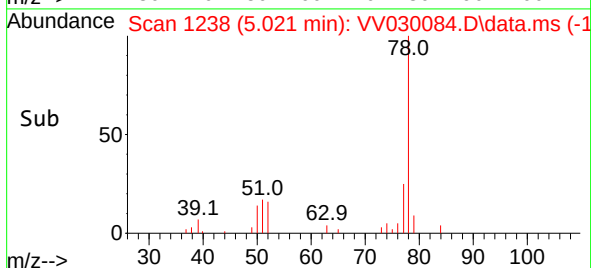
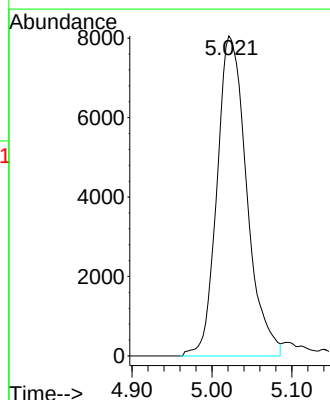
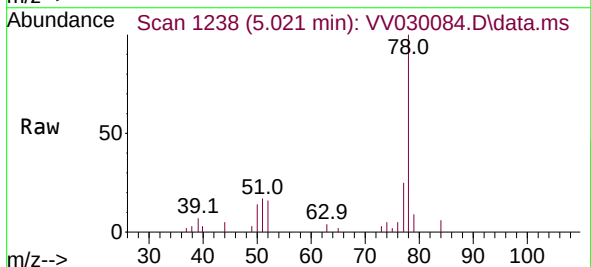
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5222

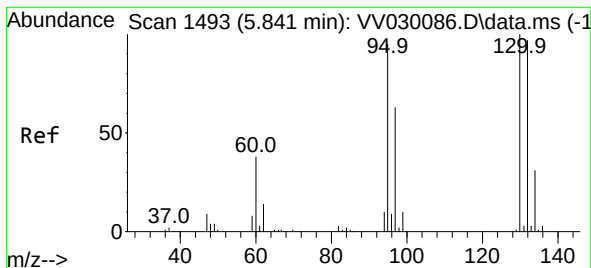
Tgt Ion:117 Resp: 7899
Ion Ratio Lower Upper
117 100
119 96.4 76.1 114.1



#33
Benzene
Concen: 0.444 ug/L
RT: 5.021 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VV030084.D
Acq: 23 Feb 2023 10:03

Tgt Ion: 78 Resp: 20771





#34

Trichloroethene

Concen: 0.454 ug/L

RT: 5.844 min Scan# 1493

Delta R.T. 0.003 min

Lab File: VV030084.D

Acq: 23 Feb 2023 10:03

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5222

Tgt Ion: 95 Resp: 5954

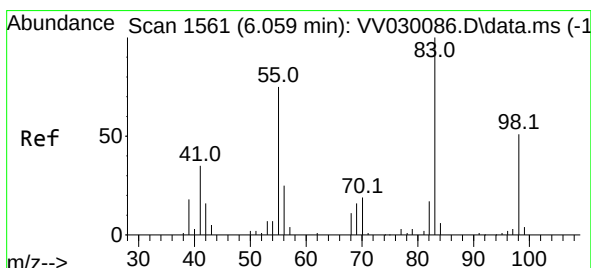
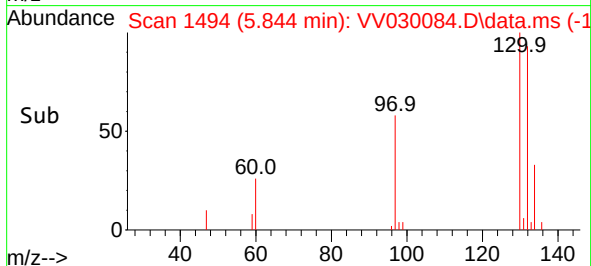
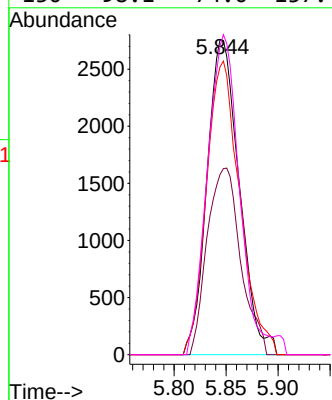
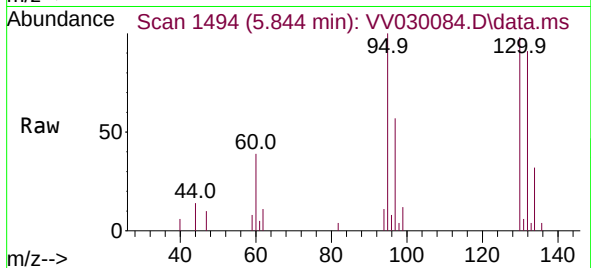
Ion Ratio Lower Upper

95 100

97 57.2 46.5 86.5

132 91.4 71.7 133.3

130 98.1 74.0 137.4



#35

Methylcyclohexane

Concen: 0.417 ug/L

RT: 6.060 min Scan# 1561

Delta R.T. 0.000 min

Lab File: VV030084.D

Acq: 23 Feb 2023 10:03

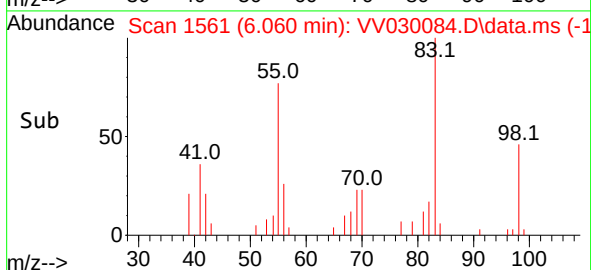
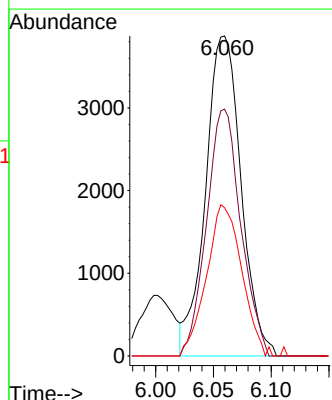
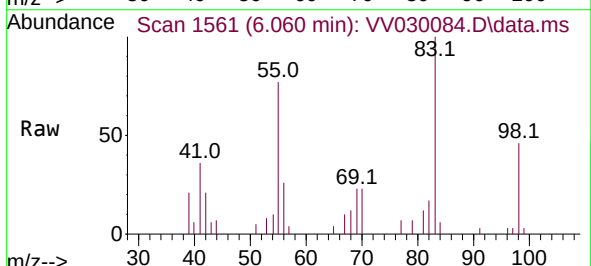
Tgt Ion: 83 Resp: 8271

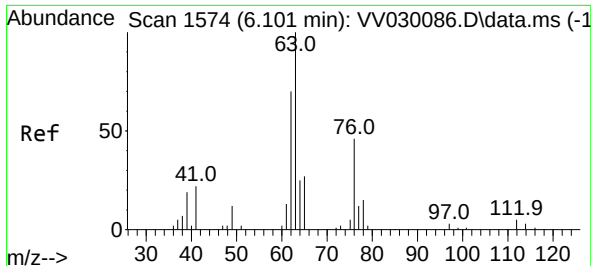
Ion Ratio Lower Upper

83 100

55 74.3 57.6 86.4

98 46.9 38.8 58.2





#37

1,2-Dichloropropane

Concen: 0.457 ug/L

RT: 6.105 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV030084.D

Acq: 23 Feb 2023 10:03

Instrument :

MSVOA_V

ClientSampleId :

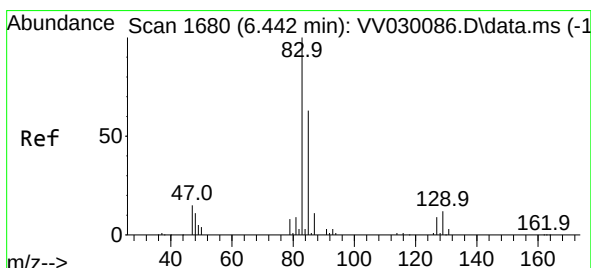
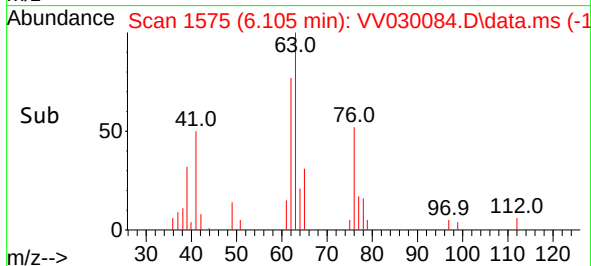
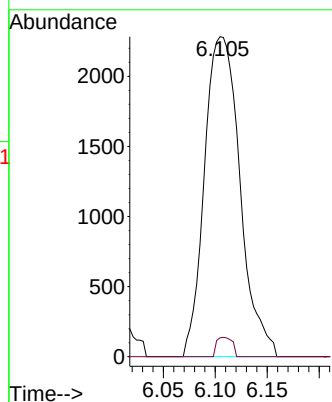
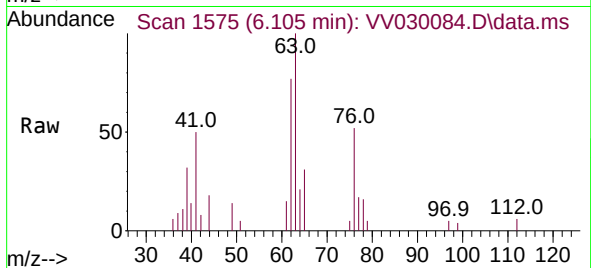
VSTD0.5222

Tgt Ion: 63 Resp: 5442

Ion Ratio Lower Upper

63 100

112 2.7 3.8 5.6#



#38

Bromodichloromethane

Concen: 0.435 ug/L

RT: 6.449 min Scan# 1682

Delta R.T. 0.006 min

Lab File: VV030084.D

Acq: 23 Feb 2023 10:03

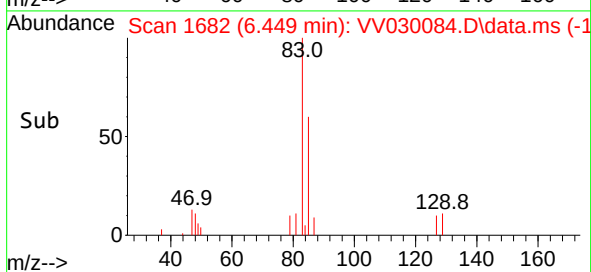
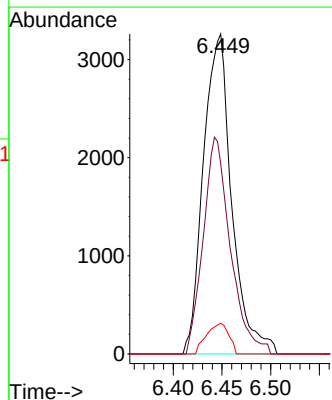
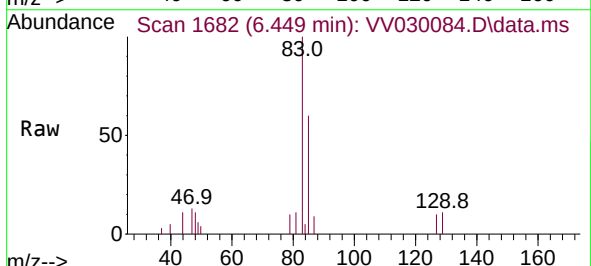
Tgt Ion: 83 Resp: 6612

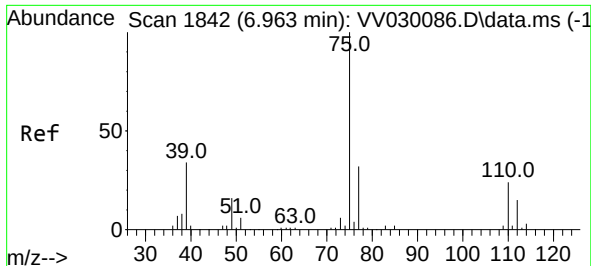
Ion Ratio Lower Upper

83 100

85 59.6 44.3 82.3

127 9.6 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 0.406 ug/L

RT: 6.969 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV030084.D

Acq: 23 Feb 2023 10:03

Instrument :

MSVOA_V

ClientSampleId :

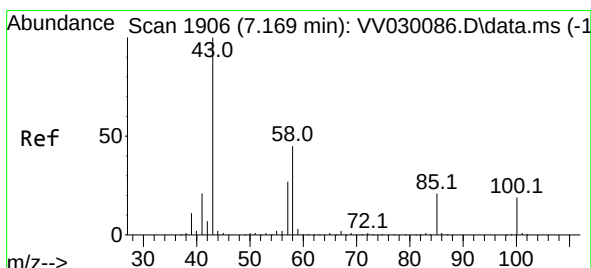
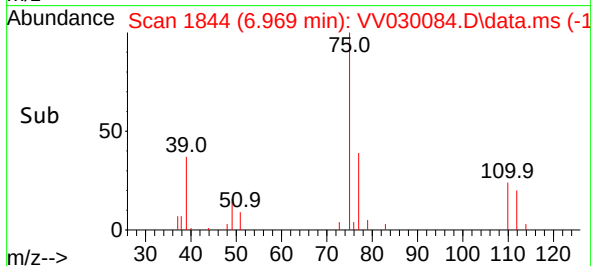
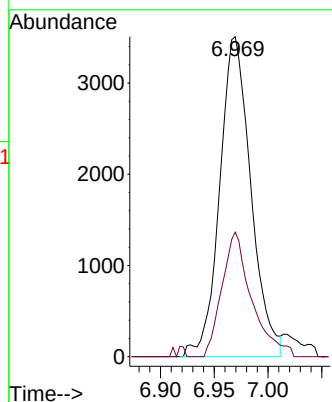
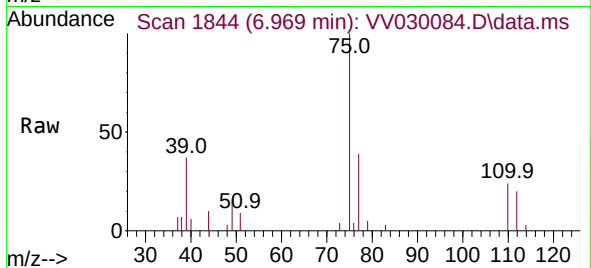
VSTD0.5222

Tgt Ion: 75 Resp: 7082

Ion Ratio Lower Upper

75 100

77 38.9 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 4.048 ug/L

RT: 7.175 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VV030084.D

Acq: 23 Feb 2023 10:03

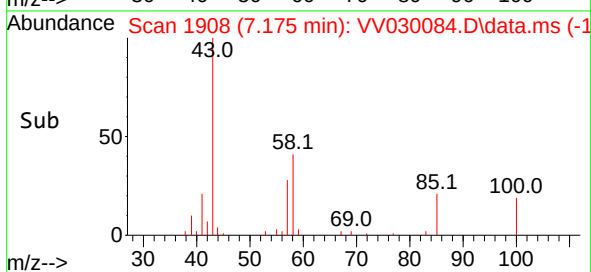
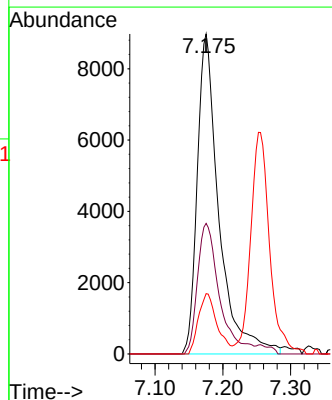
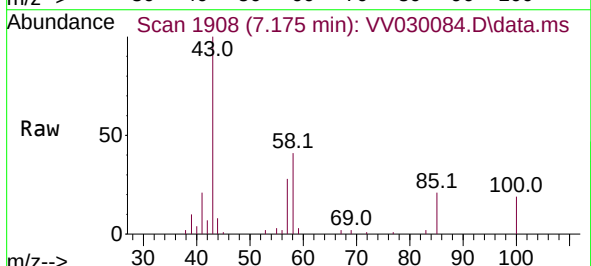
Tgt Ion: 43 Resp: 19889

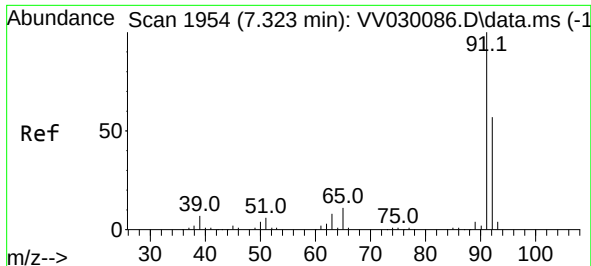
Ion Ratio Lower Upper

43 100

58 41.3 35.3 52.9

100 16.4 14.7 22.1





#42

Toluene

Concen: 0.410 ug/L

RT: 7.326 min Scan# 1954

Delta R.T. 0.003 min

Lab File: VV030084.D

Acq: 23 Feb 2023 10:03

Instrument :

MSVOA_V

ClientSampleId :

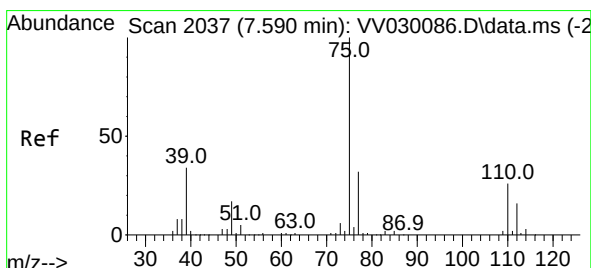
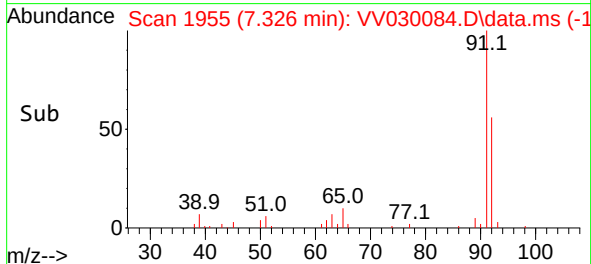
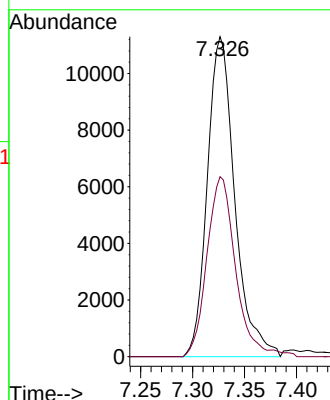
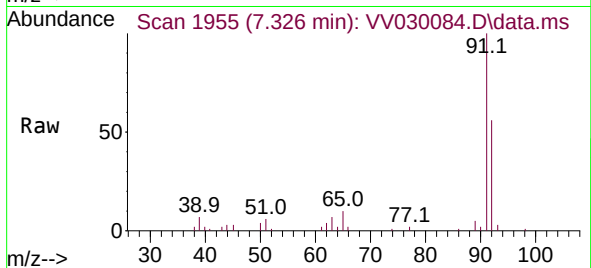
VSTD0.5222

Tgt Ion: 91 Resp: 20764

Ion Ratio Lower Upper

91 100

92 56.3 39.6 73.6



#44

trans-1,3-Dichloropropene

Concen: 0.399 ug/L

RT: 7.596 min Scan# 2039

Delta R.T. 0.006 min

Lab File: VV030084.D

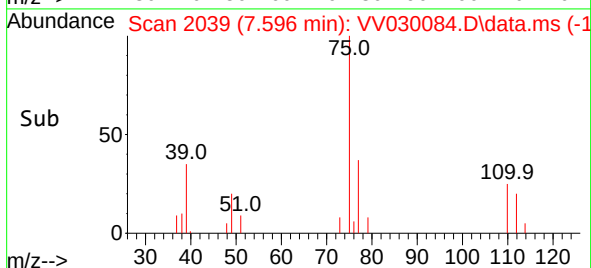
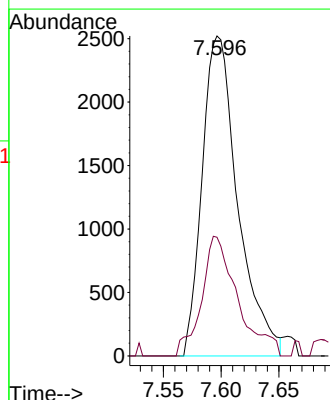
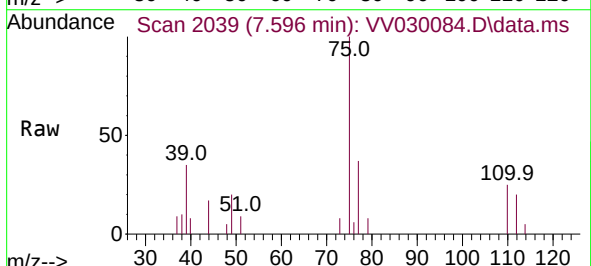
Acq: 23 Feb 2023 10:03

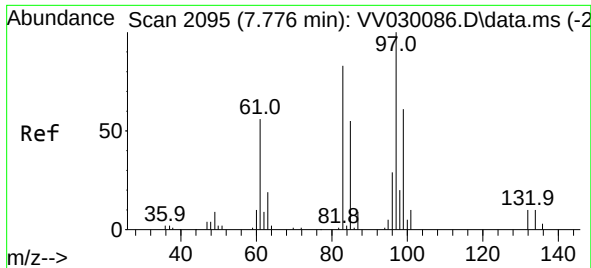
Tgt Ion: 75 Resp: 5423

Ion Ratio Lower Upper

75 100

77 37.1 22.1 41.1

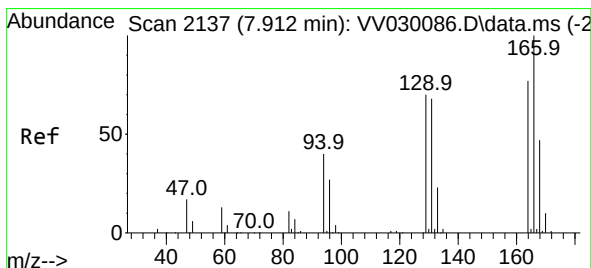
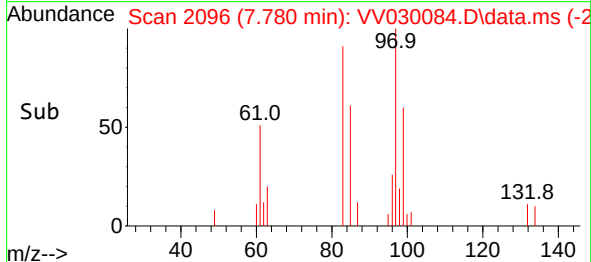
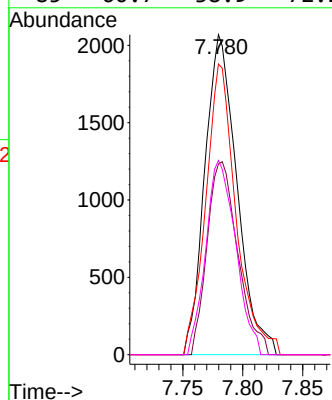
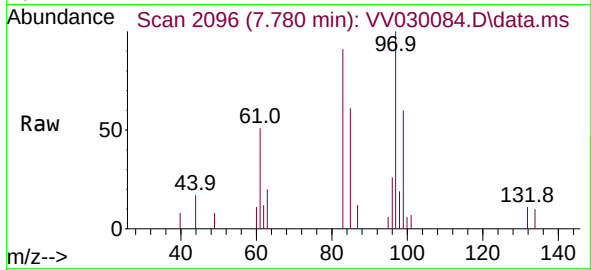




#45
1,1,2-Trichloroethane
Concen: 0.452 ug/L
RT: 7.780 min Scan# 2095
Delta R.T. 0.003 min
Lab File: VV030084.D
Acq: 23 Feb 2023 10:03

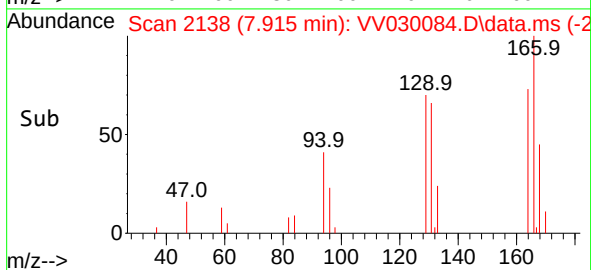
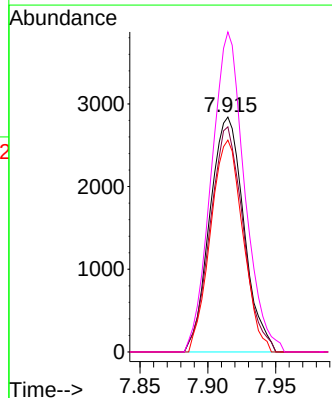
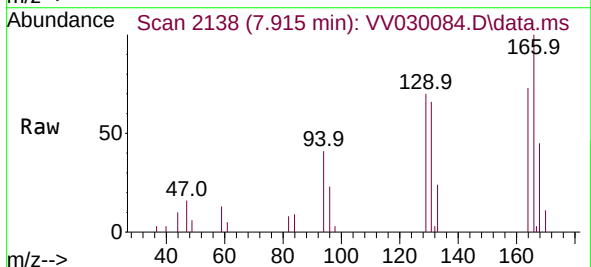
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5222

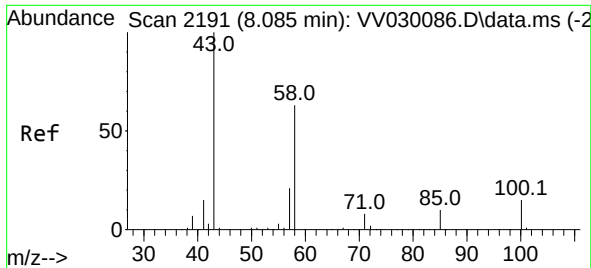
Tgt Ion: 97	Resp:	3851
Ion	Ratio	Lower Upper
97	100	
99	59.6	42.6 79.2
83	90.9	57.7 107.3
85	60.7	38.9 72.2



#47
Tetrachloroethene
Concen: 0.442 ug/L
RT: 7.915 min Scan# 2138
Delta R.T. 0.003 min
Lab File: VV030084.D
Acq: 23 Feb 2023 10:03

Tgt Ion: 164	Resp:	4975
Ion	Ratio	Lower Upper
164	100	
129	95.8	63.6 118.2
131	90.2	61.7 114.7
166	136.2	90.8 168.6

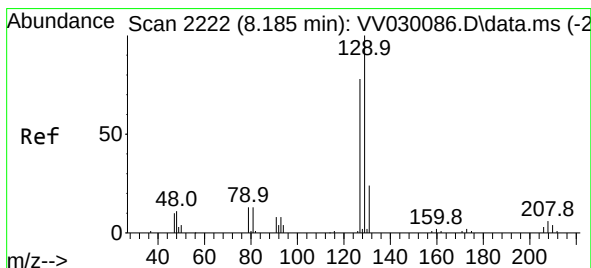
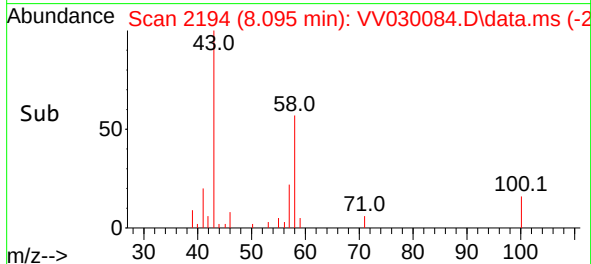
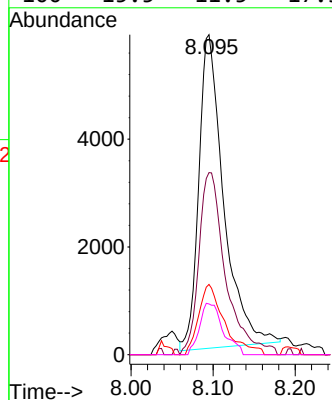
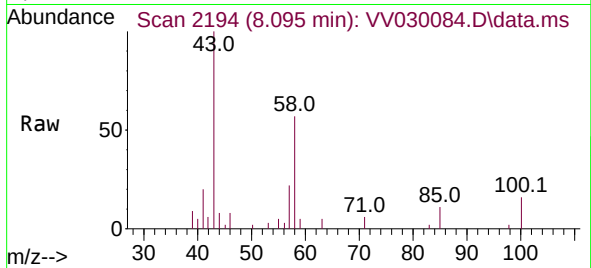




#48
2-Hexanone
Concen: 3.546 ug/L
RT: 8.095 min Scan# 2191
Delta R.T. 0.010 min
Lab File: VV030084.D
Acq: 23 Feb 2023 10:03

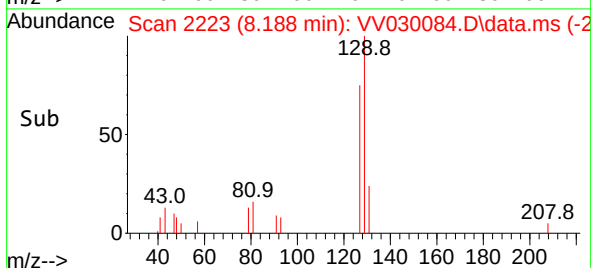
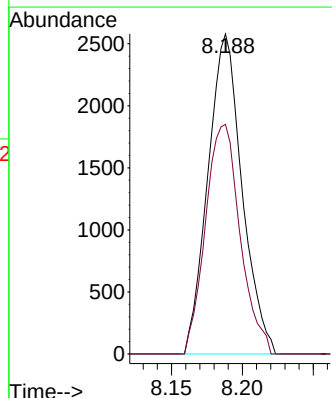
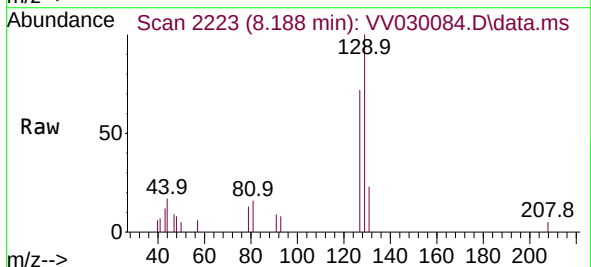
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5222

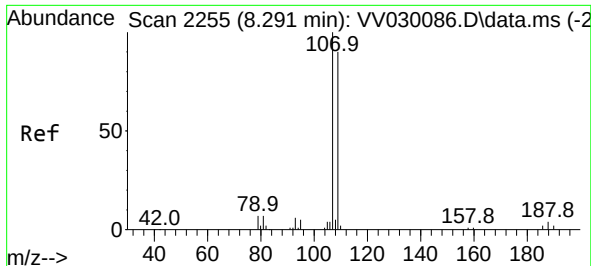
Tgt Ion: 43	Resp:	12270	
Ion	Ratio	Lower	Upper
43	100		
58	62.3	49.8	74.8
57	23.3	16.6	24.8
100	15.5	11.5	17.3



#49
Dibromochloromethane
Concen: 0.433 ug/L
RT: 8.188 min Scan# 2223
Delta R.T. 0.003 min
Lab File: VV030084.D
Acq: 23 Feb 2023 10:03

Tgt Ion:129	Resp:	4315	
Ion	Ratio	Lower	Upper
129	100		
127	71.8	54.7	101.5

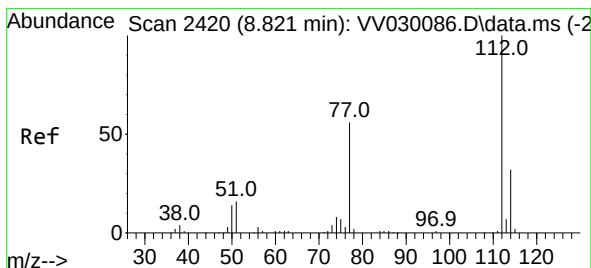
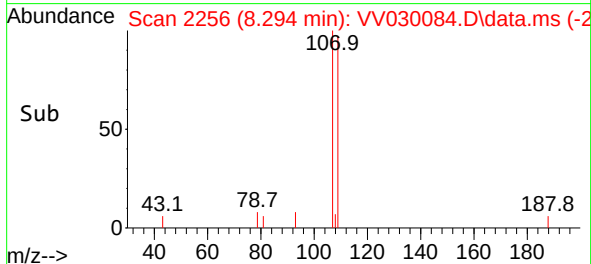
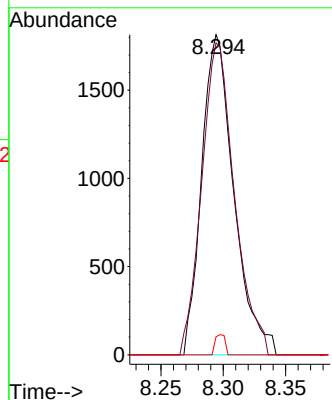
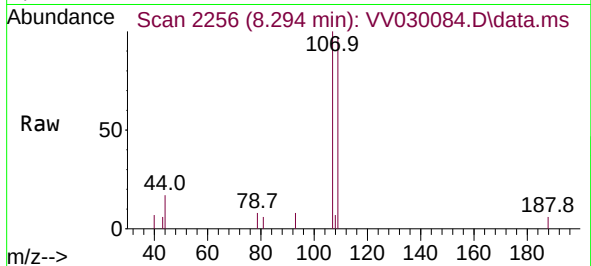




#50
1,2-Dibromoethane
Concen: 0.410 ug/L
RT: 8.294 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV030084.D
Acq: 23 Feb 2023 10:03

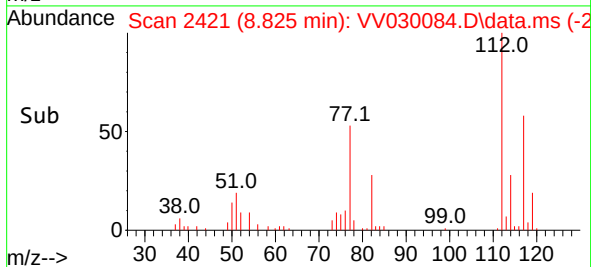
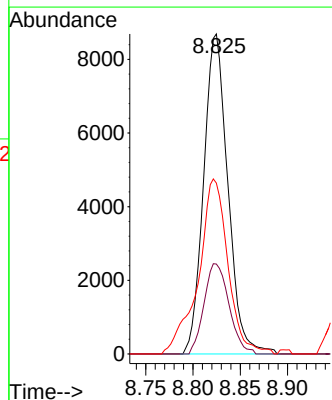
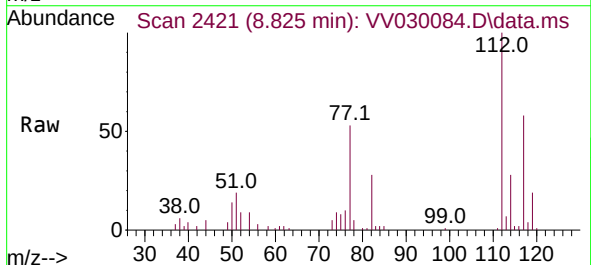
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5222

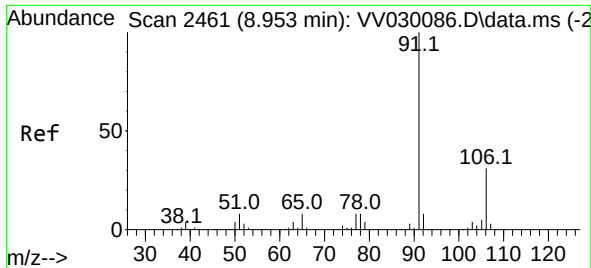
Tgt Ion:107 Resp: 3258
Ion Ratio Lower Upper
107 100
109 97.5 63.3 117.7
188 5.6 3.0 4.6#



#51
Chlorobenzene
Concen: 0.454 ug/L
RT: 8.825 min Scan# 2421
Delta R.T. 0.003 min
Lab File: VV030084.D
Acq: 23 Feb 2023 10:03

Tgt Ion:112 Resp: 15513
Ion Ratio Lower Upper
112 100
114 28.1 22.5 41.7
77 53.4 45.3 67.9

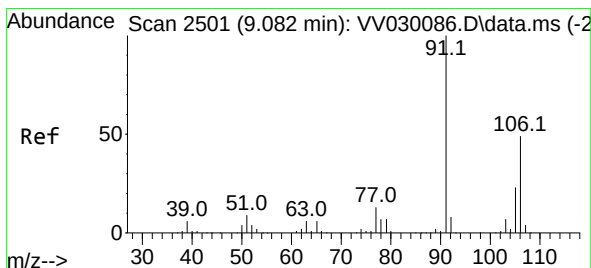
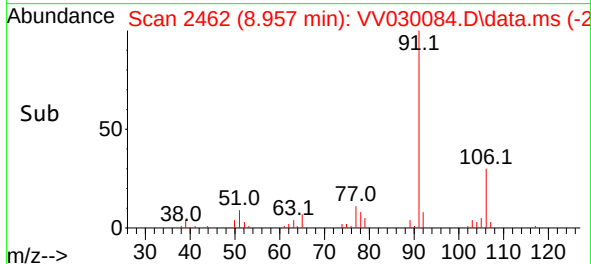
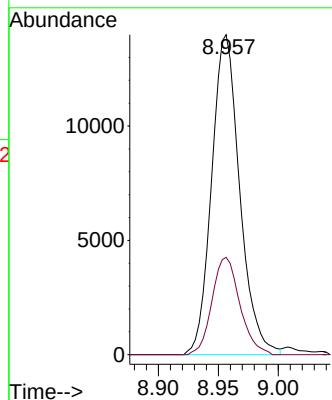
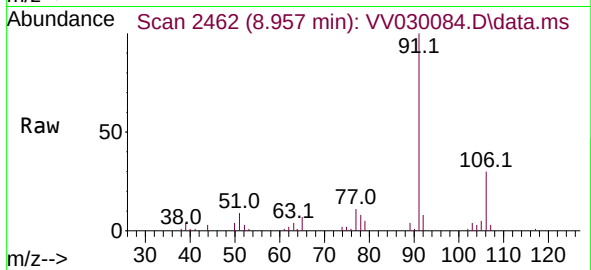




#52
Ethylbenzene
Concen: 0.413 ug/L
RT: 8.957 min Scan# 2462
Delta R.T. 0.003 min
Lab File: VV030084.D
Acq: 23 Feb 2023 10:03

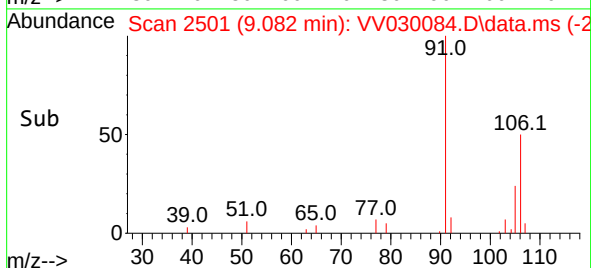
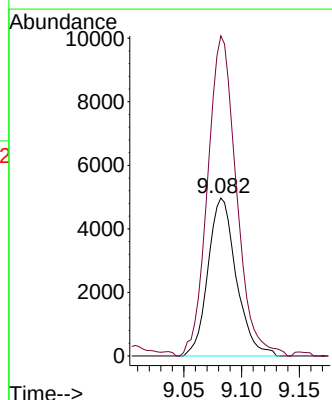
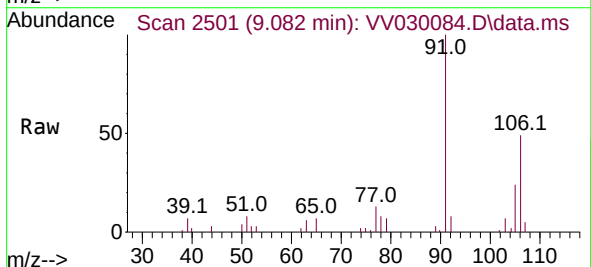
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5222

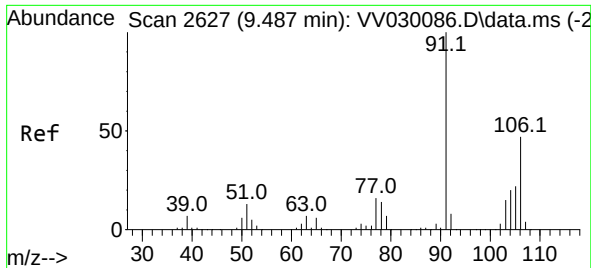
Tgt Ion: 91 Resp: 22787
Ion Ratio Lower Upper
91 100
106 30.4 22.0 40.8



#53
m,p-Xylene
Concen: 0.398 ug/L
RT: 9.082 min Scan# 2501
Delta R.T. 0.000 min
Lab File: VV030084.D
Acq: 23 Feb 2023 10:03

Tgt Ion: 106 Resp: 8436
Ion Ratio Lower Upper
106 100
91 202.6 142.5 264.7

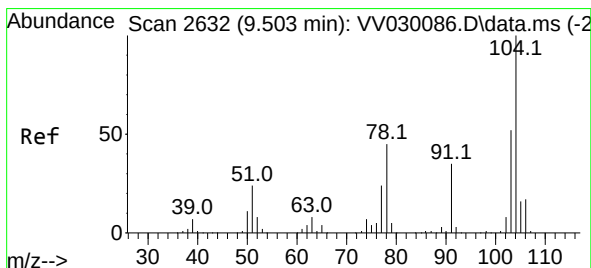
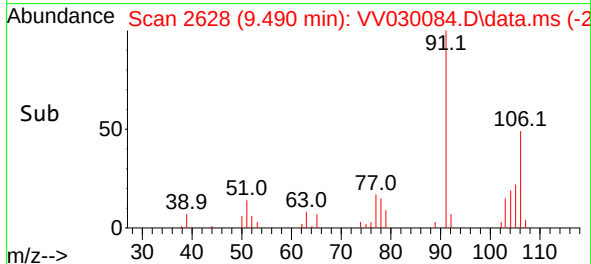
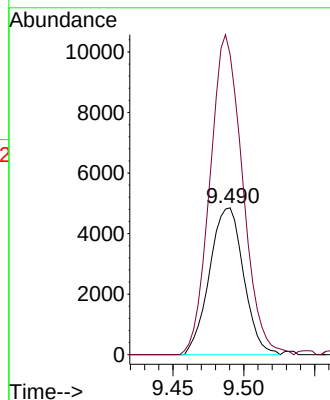
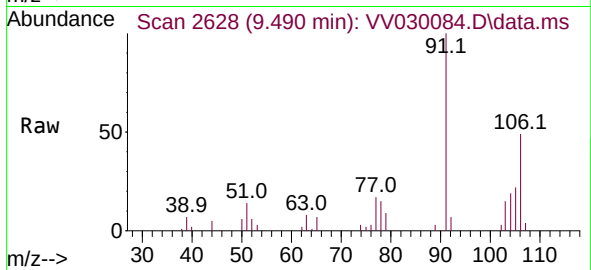




#54
o-Xylene
Concen: 0.400 ug/L
RT: 9.490 min Scan# 2627
Delta R.T. 0.003 min
Lab File: VV030084.D
Acq: 23 Feb 2023 10:03

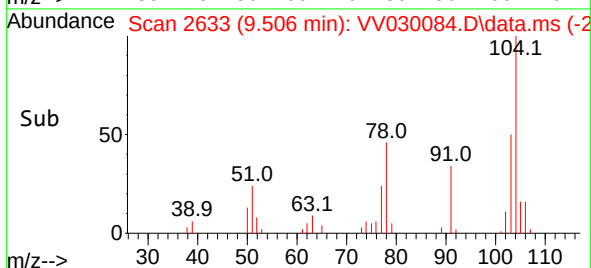
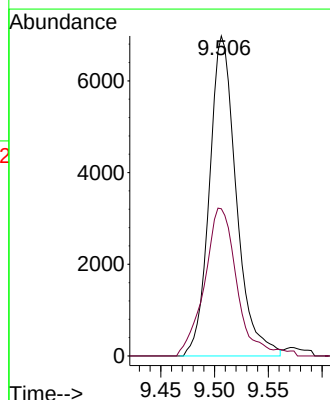
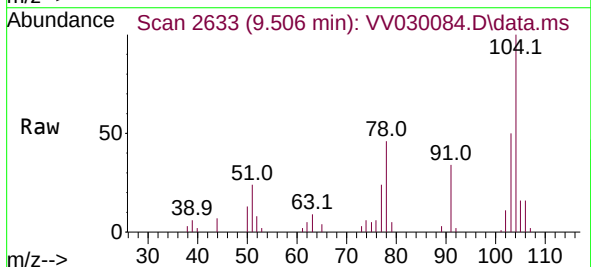
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5222

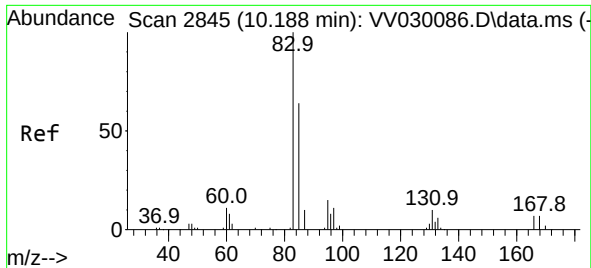
Tgt Ion:106 Resp: 8099
Ion Ratio Lower Upper
106 100
91 204.3 148.8 276.4



#55
Styrene
Concen: 0.361 ug/L
RT: 9.506 min Scan# 2633
Delta R.T. 0.003 min
Lab File: VV030084.D
Acq: 23 Feb 2023 10:03

Tgt Ion:104 Resp: 12144
Ion Ratio Lower Upper
104 100
78 46.0 31.1 57.9

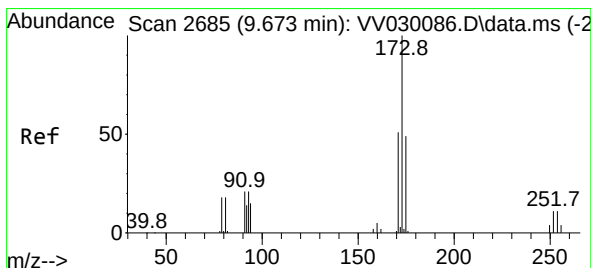
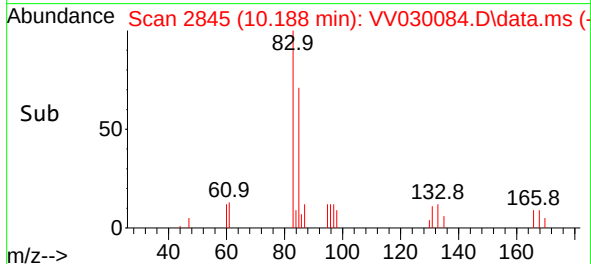
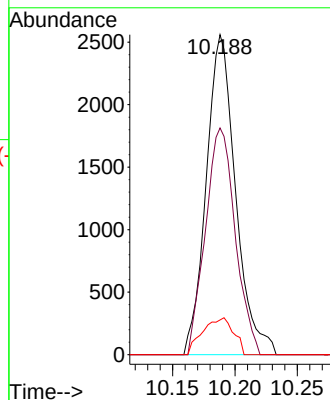
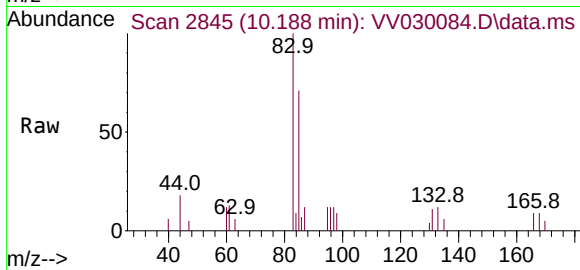




#57
1,1,2,2-Tetrachloroethane
Concen: 0.441 ug/L
RT: 10.188 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VV030084.D
Acq: 23 Feb 2023 10:03

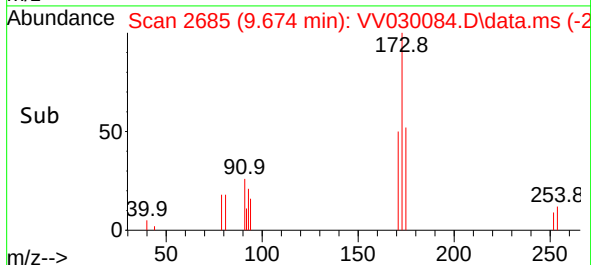
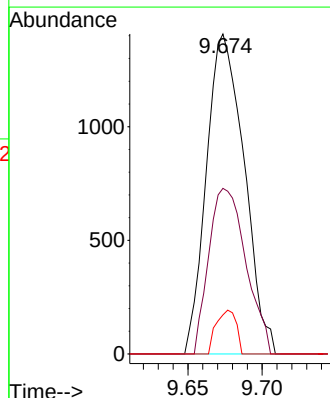
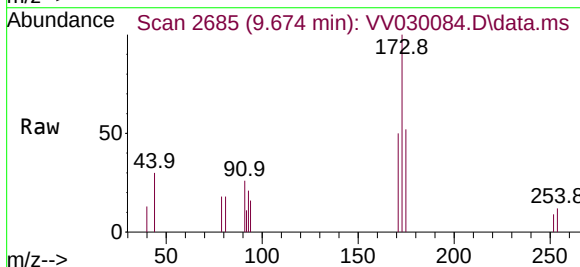
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5222

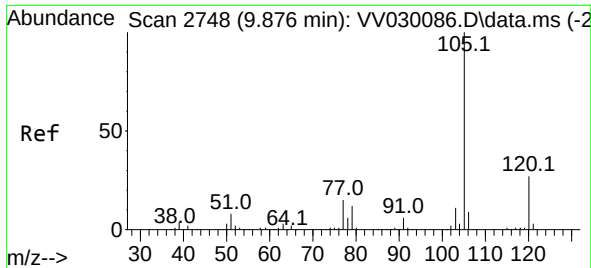
Tgt Ion: 83 Resp: 4198
Ion Ratio Lower Upper
83 100
85 70.9 45.0 83.6
131 10.9 8.2 12.4



#59
Bromoform
Concen: 0.453 ug/L
RT: 9.674 min Scan# 2685
Delta R.T. 0.000 min
Lab File: VV030084.D
Acq: 23 Feb 2023 10:03

Tgt Ion: 173 Resp: 2484
Ion Ratio Lower Upper
173 100
175 51.0 38.5 57.7
254 7.2 8.6 13.0

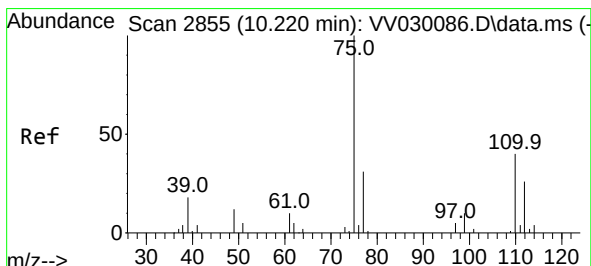
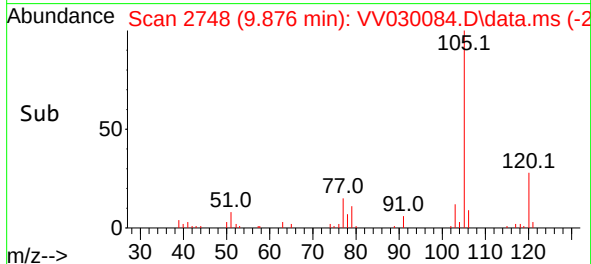
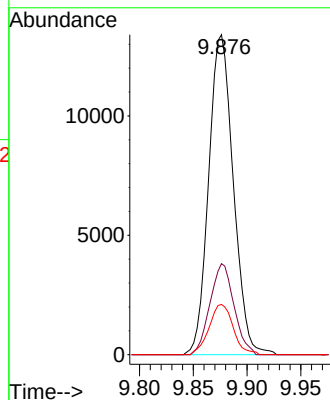
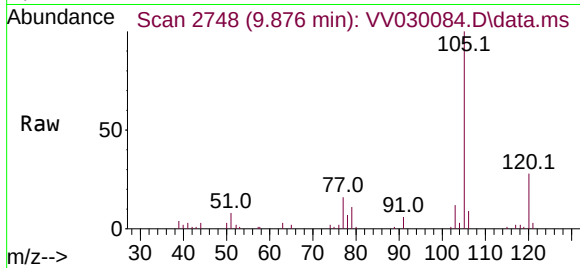




#60
Isopropylbenzene
Concen: 0.406 ug/L
RT: 9.876 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV030084.D
Acq: 23 Feb 2023 10:03

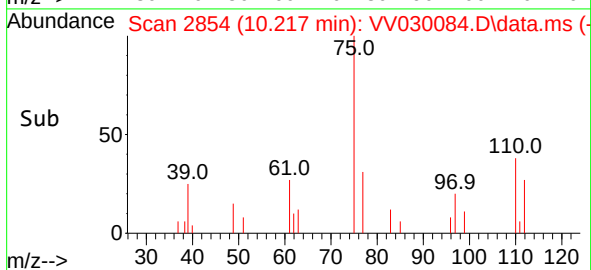
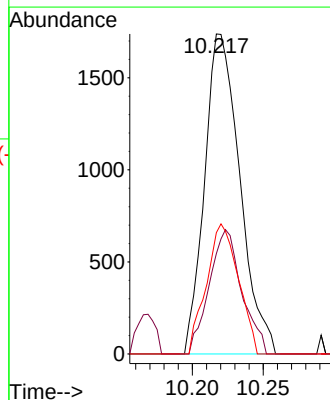
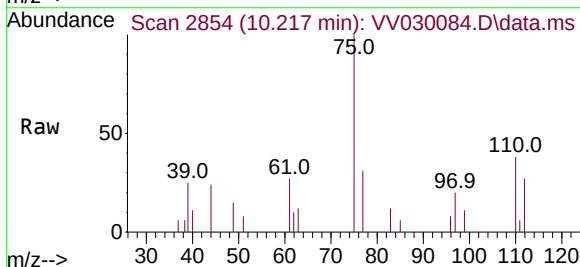
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5222

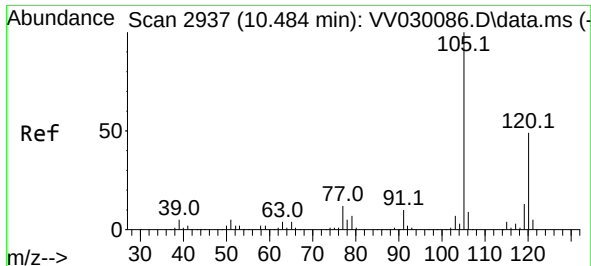
Tgt Ion:105 Resp: 21360
Ion Ratio Lower Upper
105 100
120 27.6 21.4 32.0
77 15.4 12.1 18.1



#61
1,2,3-Trichloropropane
Concen: 0.491 ug/L
RT: 10.217 min Scan# 2854
Delta R.T. -0.003 min
Lab File: VV030084.D
Acq: 23 Feb 2023 10:03

Tgt Ion: 75 Resp: 3008
Ion Ratio Lower Upper
75 100
77 35.9 26.5 39.7
110 36.8 31.8 47.6





#62

1,3,5-Trimethylbenzene

Concen: 0.402 ug/L

RT: 10.484 min Scan# 2937

Delta R.T. 0.000 min

Lab File: VV030084.D

Acq: 23 Feb 2023 10:03

Instrument :

MSVOA_V

ClientSampleId :

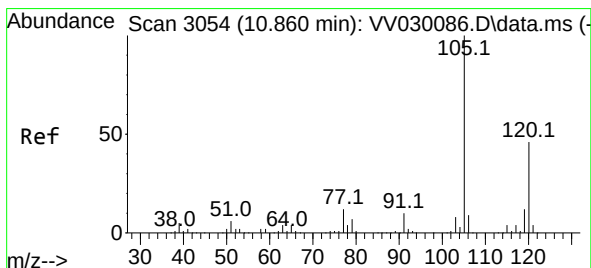
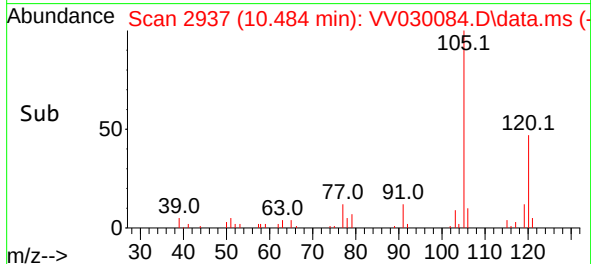
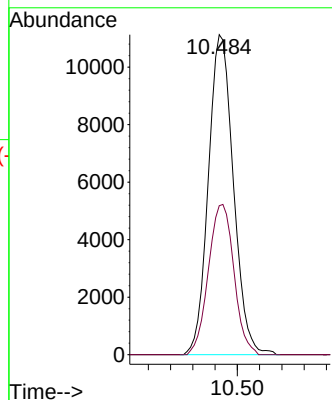
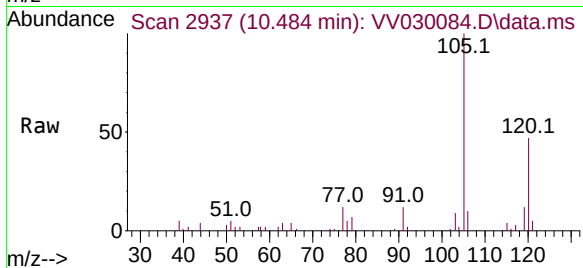
VSTD0.5222

Tgt Ion:105 Resp: 17385

Ion Ratio Lower Upper

105 100

120 47.8 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 0.389 ug/L

RT: 10.860 min Scan# 3054

Delta R.T. 0.000 min

Lab File: VV030084.D

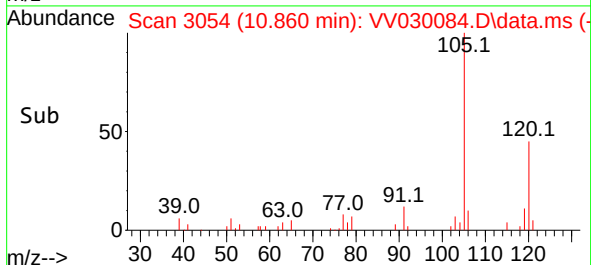
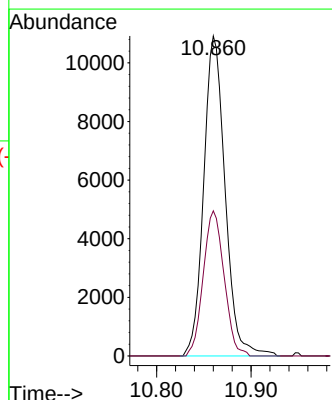
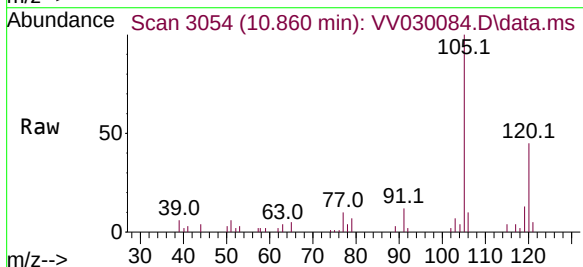
Acq: 23 Feb 2023 10:03

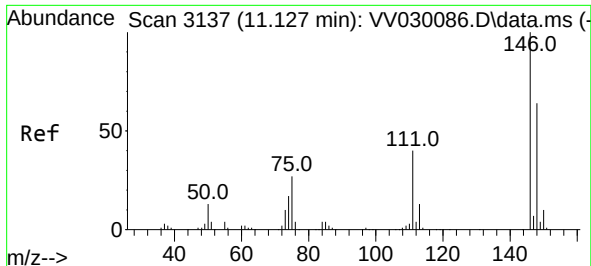
Tgt Ion:105 Resp: 17196

Ion Ratio Lower Upper

105 100

120 44.1 36.2 54.4

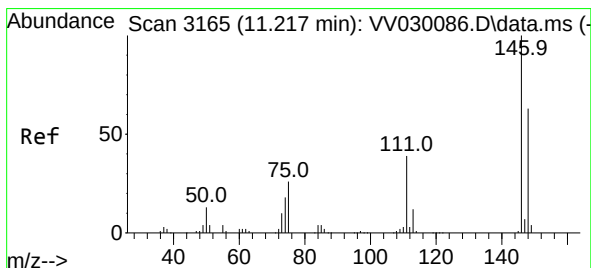
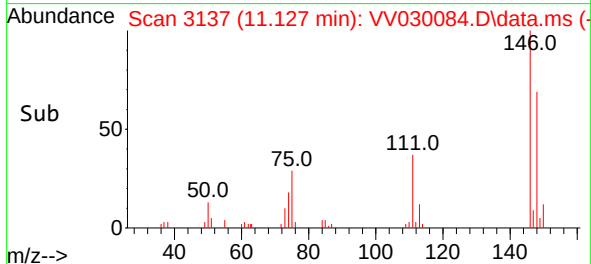
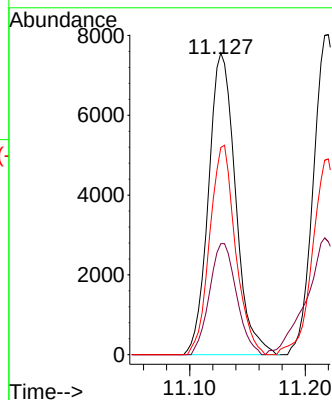
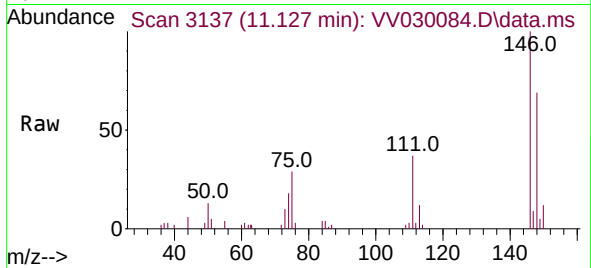




#64
1,3-Dichlorobenzene
Concen: 0.448 ug/L
RT: 11.127 min Scan# 3137
Delta R.T. 0.000 min
Lab File: VV030084.D
Acq: 23 Feb 2023 10:03

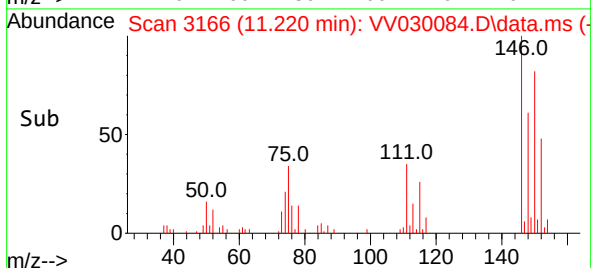
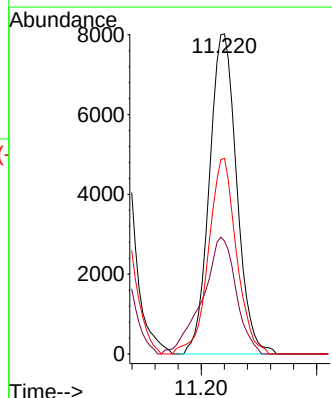
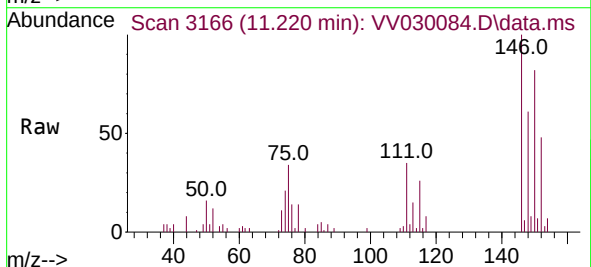
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5222

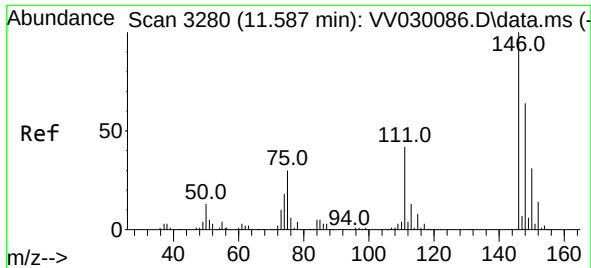
Tgt Ion:146 Resp: 12284
Ion Ratio Lower Upper
146 100
111 36.8 27.7 51.5
148 68.6 44.5 82.7



#65
1,4-Dichlorobenzene
Concen: 0.476 ug/L
RT: 11.220 min Scan# 3166
Delta R.T. 0.003 min
Lab File: VV030084.D
Acq: 23 Feb 2023 10:03

Tgt Ion:146 Resp: 13164
Ion Ratio Lower Upper
146 100
111 35.3 27.4 51.0
148 61.1 44.1 81.9

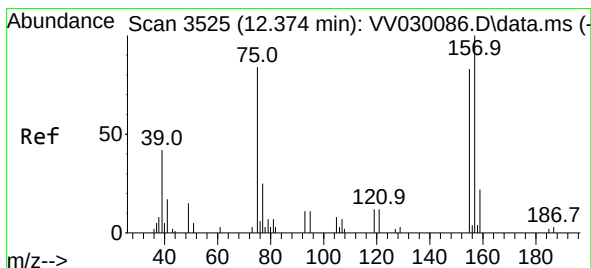
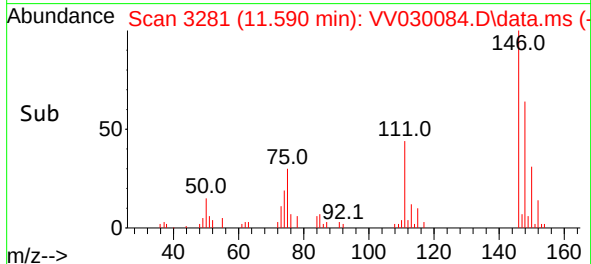
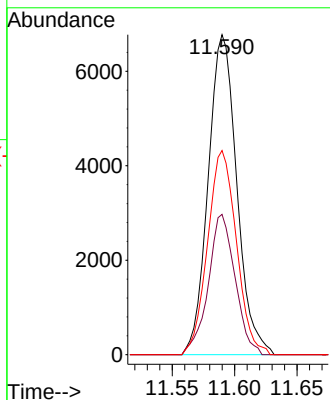
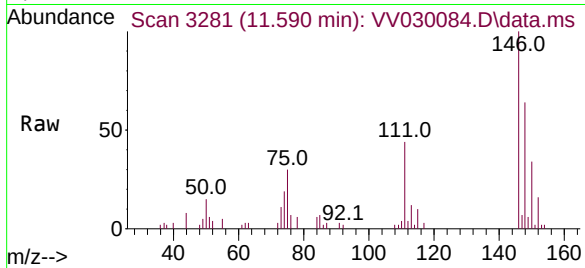




#67
1,2-Dichlorobenzene
Concen: 0.448 ug/L
RT: 11.590 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV030084.D
Acq: 23 Feb 2023 10:03

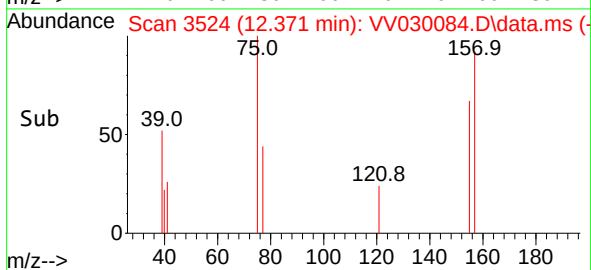
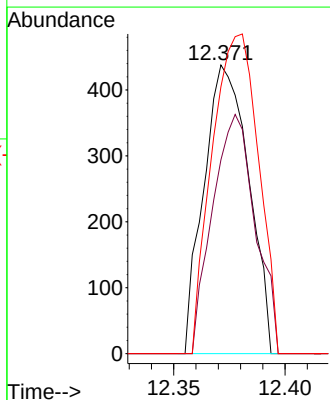
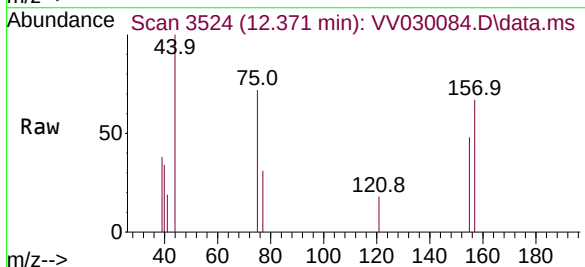
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5222

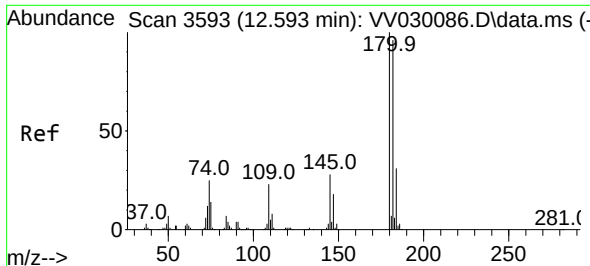
Tgt Ion:146 Resp: 10831
Ion Ratio Lower Upper
146 100
111 43.9 33.5 50.3
148 63.8 51.3 76.9



#68
1,2-Dibromo-3-chloropropane
Concen: 0.448 ug/L
RT: 12.371 min Scan# 3524
Delta R.T. -0.003 min
Lab File: VV030084.D
Acq: 23 Feb 2023 10:03

Tgt Ion: 75 Resp: 613
Ion Ratio Lower Upper
75 100
155 67.1 79.1 118.7#
157 92.5 95.5 143.3#

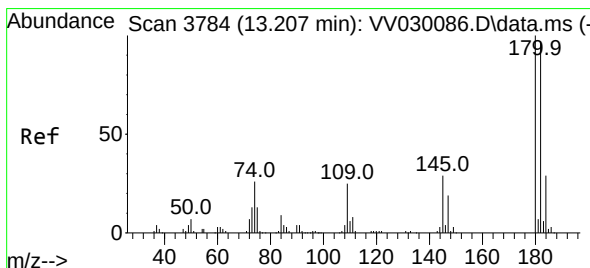
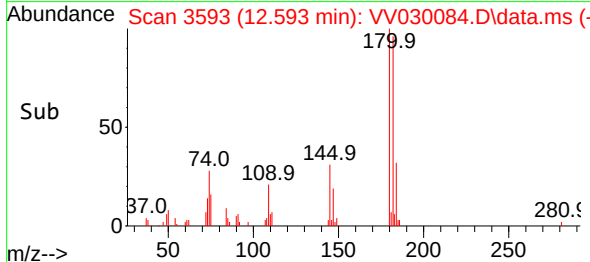
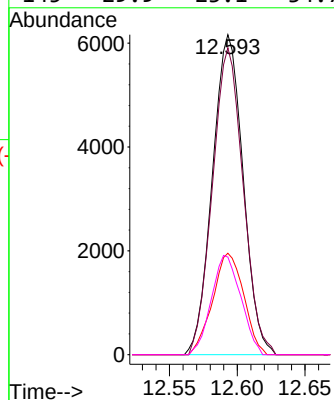
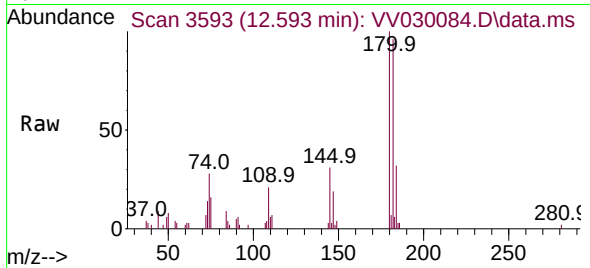




#69
1,3,5-Trichlorobenzene
Concen: 0.430 ug/L
RT: 12.593 min Scan# 3593
Delta R.T. 0.000 min
Lab File: VV030084.D
Acq: 23 Feb 2023 10:03

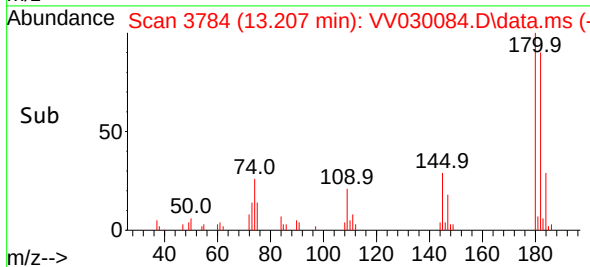
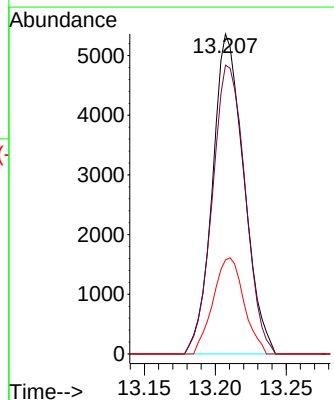
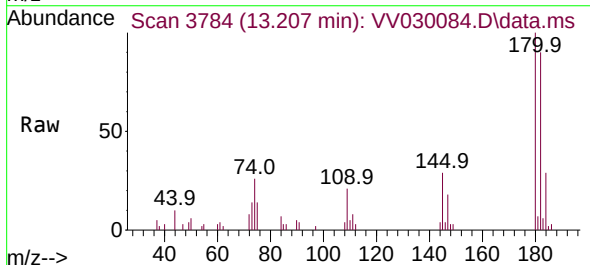
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5222

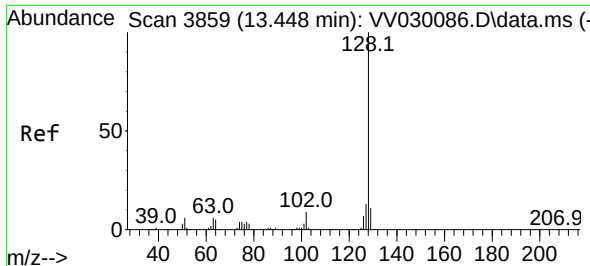
Tgt Ion:	180	Resp:	9686
Ion Ratio	Lower	Upper	
180	100		
182	95.7	76.5	114.7
184	32.1	24.3	36.5
145	29.9	23.1	34.7



#70
1,2,4-trichlorobenzene
Concen: 0.452 ug/L
RT: 13.207 min Scan# 3784
Delta R.T. 0.000 min
Lab File: VV030084.D
Acq: 23 Feb 2023 10:03

Tgt Ion:	180	Resp:	8253
Ion Ratio	Lower	Upper	
180	100		
182	94.4	77.3	115.9
145	29.5	23.1	34.7

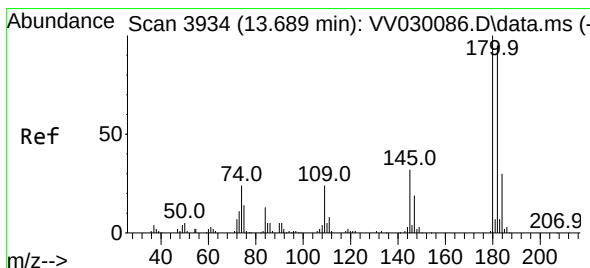
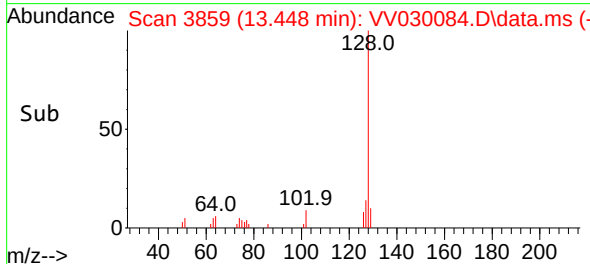
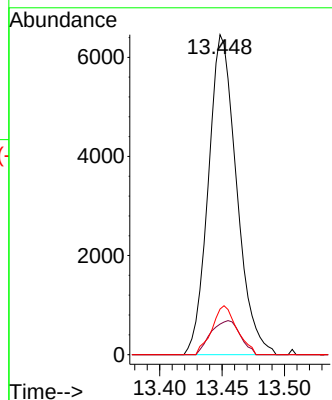
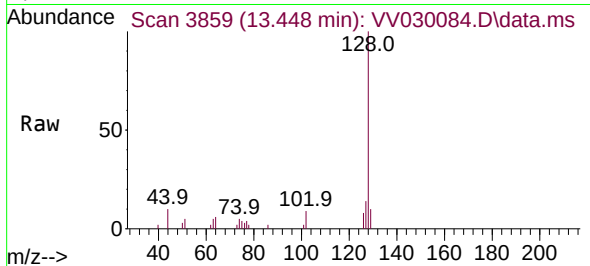




#71
Naphthalene
Concen: 0.427 ug/L
RT: 13.448 min Scan# 3859
Delta R.T. 0.000 min
Lab File: VV030084.D
Acq: 23 Feb 2023 10:03

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5222

Tgt Ion:	128	Resp:	10180
Ion Ratio	Lower	Upper	
128	100		
129	11.1	8.6	13.0
127	13.5	10.4	15.6



#72
1,2,3-Trichlorobenzene
Concen: 0.458 ug/L
RT: 13.693 min Scan# 3935
Delta R.T. 0.003 min
Lab File: VV030084.D
Acq: 23 Feb 2023 10:03

Tgt Ion:	180	Resp:	6873
Ion Ratio	Lower	Upper	
180	100		
182	92.8	76.2	114.2
145	28.9	25.1	37.7

