

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050523\
 Data File : VV031000.D
 Acq On : 05 May 2023 17:32
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 06 01:49:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat May 06 01:44:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	135849	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	130960	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	68756	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	41194	3.680	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.600%
7) Chloroethane-d5	1.536	69	35342	3.871	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.400%
11) 1,1-Dichloroethene-d2	2.063	65	21407	3.614	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.200%
20) 2-Butanone-d5	3.828	46	72320	36.437	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	72.880%
24) Chloroform-d	4.259	84	98319	4.420	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
26) 1,2-Dichloroethane-d4	4.954	65	49819	4.405	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
32) Benzene-d6	4.970	84	160255	4.175	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.400%
36) 1,2-Dichloropropane-d6	5.995	67	47346	4.242	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.800%
41) Toluene-d8	7.249	98	147633	4.039	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.800%
43) trans-1,3-Dichloroprop...	7.564	79	18584	4.441	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.800%
46) 2-Hexanone-d5	8.034	63	60098	40.995	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.000%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	37500	4.635	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.600%
66) 1,2-Dichlorobenzene-d4	11.567	152	54751	4.272	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	47451	4.421	ug/L	99
3) Chloromethane	1.217	50	52333	4.155	ug/L	99
5) Vinyl chloride	1.285	62	48010	4.555	ug/L	99
6) Bromomethane	1.491	94	21757	4.333	ug/L	98
8) Chloroethane	1.555	64	28963	4.514	ug/L	100
9) Trichlorofluoromethane	1.719	101	93829	4.825	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.073	101	48357	4.871	ug/L	98
12) 1,1-Dichloroethene	2.073	96	41164	4.502	ug/L	97
13) Acetone	2.156	43	52907	31.207	ug/L	82
14) Carbon disulfide	2.246	76	93048	3.890	ug/L	98
15) Methyl Acetate	2.394	43	12719	3.687	ug/L	97
16) Methylene chloride	2.455	84	52159	5.043	ug/L	98
17) Methyl tert-butyl Ether	2.716	73	85102	4.890	ug/L	97
18) trans-1,2-Dichloroethene	2.700	96	37938	4.543	ug/L	95
19) 1,1-Dichloroethane	3.121	63	77287	4.793	ug/L	99
21) 2-Butanone	3.912	43	59649	31.991	ug/L	89
22) cis-1,2-Dichloroethene	3.828	96	41204	4.676	ug/L	99
23) Bromochloromethane	4.159	128	21019	5.067	ug/L	92
25) Chloroform	4.288	83	85422	4.937	ug/L	98

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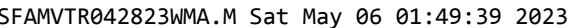
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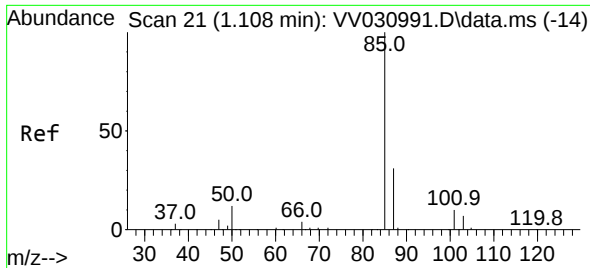
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.053	62	55964	5.154	ug/L	98
29) 1,1,1-Trichloroethane	4.523	97	81970	4.981	ug/L	100
30) Cyclohexane	4.593	56	53582	4.311	ug/L	99
31) Carbon tetrachloride	4.745	117	73545	4.976	ug/L	99
33) Benzene	5.021	78	159542	4.843	ug/L	100
34) Trichloroethene	5.841	95	43454	4.949	ug/L	98
35) Methylcyclohexane	6.060	83	61195	4.497	ug/L	94
37) 1,2-Dichloropropane	6.101	63	37513	4.801	ug/L	98
38) Bromodichloromethane	6.442	83	57083	4.991	ug/L	98
39) cis-1,3-Dichloropropene	6.963	75	55194	4.716	ug/L	99
40) 4-Methyl-2-pentanone	7.169	43	193882	47.891	ug/L	99
42) Toluene	7.323	91	177321	5.000	ug/L	98
44) trans-1,3-Dichloropropene	7.590	75	49445	4.959	ug/L	92
45) 1,1,2-Trichloroethane	7.777	97	30346	5.234	ug/L	98
47) Tetrachloroethene	7.915	164	39807	4.752	ug/L	97
48) 2-Hexanone	8.088	43	144586	46.564	ug/L	98
49) Dibromochloromethane	8.185	129	38987	5.345	ug/L	95
50) 1,2-Dibromoethane	8.291	107	26494	5.124	ug/L #	95
51) Chlorobenzene	8.822	112	113283	4.711	ug/L	98
52) Ethylbenzene	8.953	91	181180	4.686	ug/L	97
53) m,p-Xylene	9.079	106	69987	4.536	ug/L	97
54) o-Xylene	9.484	106	68182	4.643	ug/L	99
55) Styrene	9.503	104	112699	4.548	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.185	83	32324	4.988	ug/L	97
59) Bromoform	9.674	173	22939	5.668	ug/L	99
60) Isopropylbenzene	9.873	105	185788	5.012	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	22496	5.208	ug/L	98
62) 1,3,5-Trimethylbenzene	10.484	105	135456	4.489	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	134131	4.387	ug/L	100
64) 1,3-Dichlorobenzene	11.124	146	92651	4.867	ug/L	98
65) 1,4-Dichlorobenzene	11.217	146	88750	4.621	ug/L	95
67) 1,2-Dichlorobenzene	11.587	146	79620	4.651	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.371	75	4673	4.263	ug/L	88
69) 1,3,5-Trichlorobenzene	12.590	180	57687	3.827	ug/L	97
70) 1,2,4-trichlorobenzene	13.204	180	38852	3.354	ug/L	99
71) Naphthalene	13.448	128	34545	2.080	ug/L	99
72) 1,2,3-Trichlorobenzene	13.690	180	30497	3.110	ug/L	98

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

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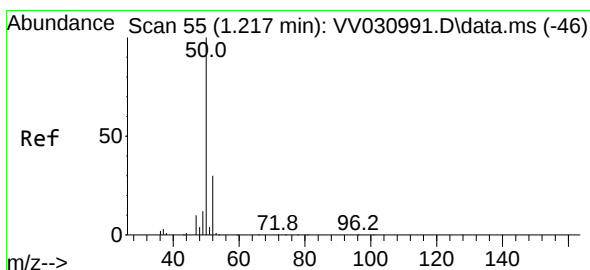
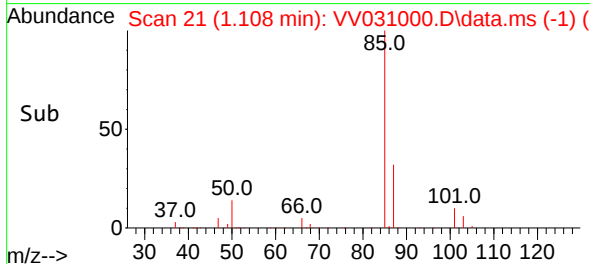
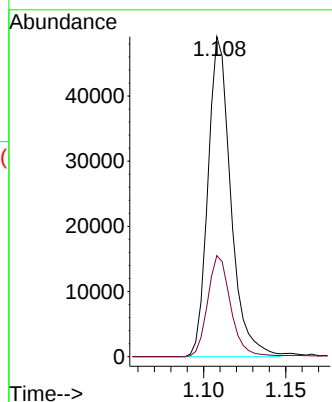
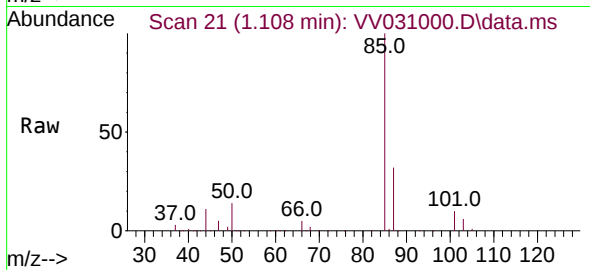




#2
 Dichlorodifluoromethane
 Concen: 4.421 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV031000.D
 Acq: 05 May 2023 17:32

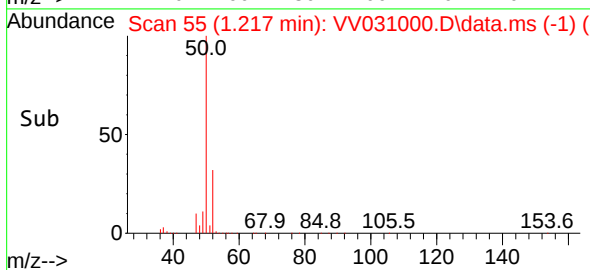
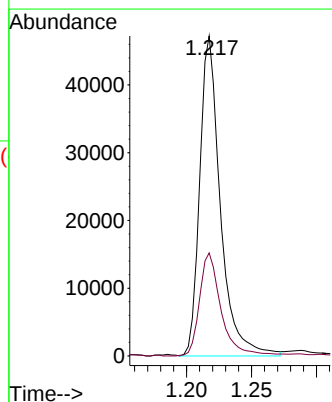
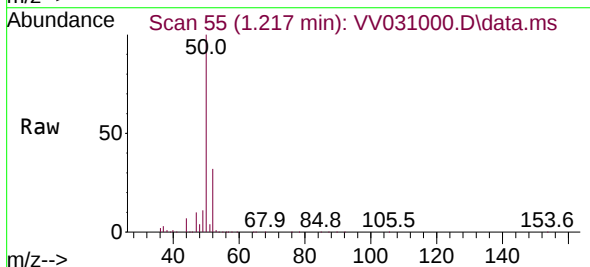
Instrument :
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 ClientSampleId :

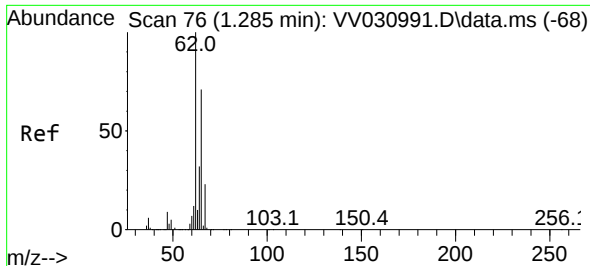
Tgt Ion: 85 Resp: 47451
 Ion Ratio Lower Upper
 85 100
 87 31.8 25.8 38.6



#3
 Chloromethane
 Concen: 4.155 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV031000.D
 Acq: 05 May 2023 17:32

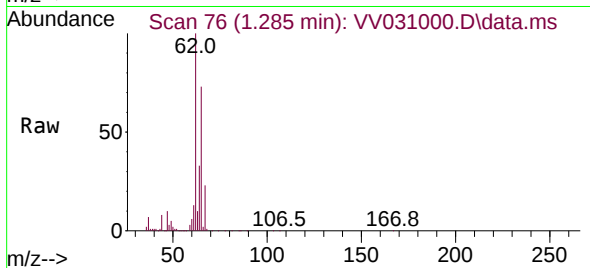
Tgt Ion: 50 Resp: 52333
 Ion Ratio Lower Upper
 50 100
 52 32.2 22.8 42.4



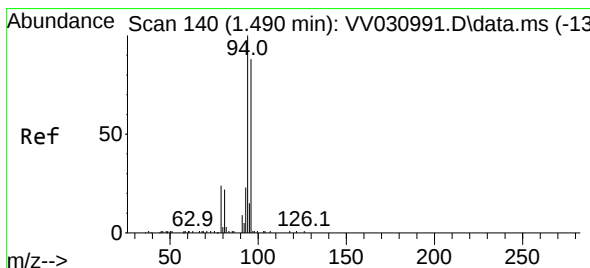
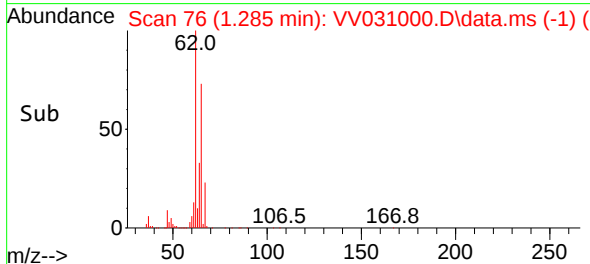
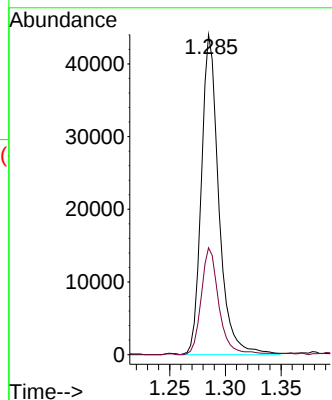


#5
 Vinyl chloride
 Concen: 4.555 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VV031000.D
 Acq: 05 May 2023 17:32

Instrument :
 MSVOA_V
 ClientSampleId :

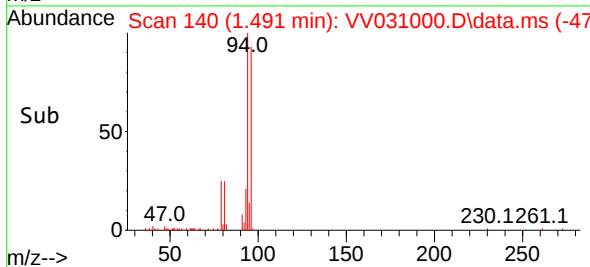
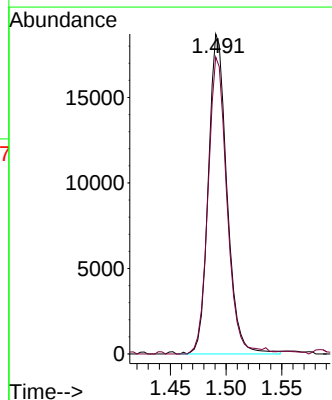
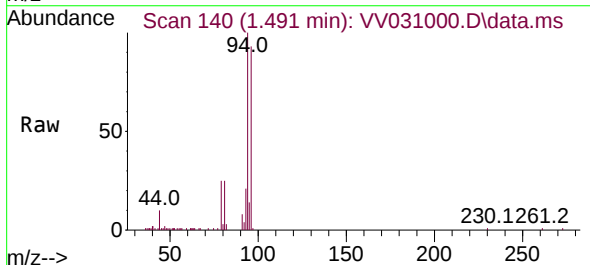


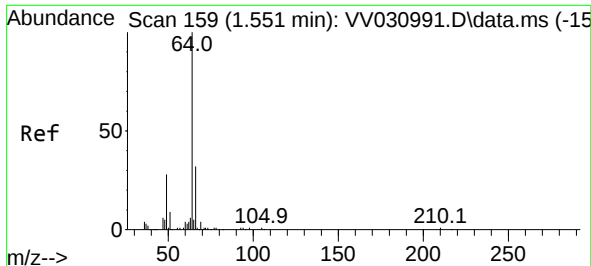
Tgt Ion: 62 Resp: 48010
 Ion Ratio Lower Upper
 62 100
 64 33.4 22.8 42.4



#6
 Bromomethane
 Concen: 4.333 ug/L
 RT: 1.491 min Scan# 140
 Delta R.T. 0.000 min
 Lab File: VV031000.D
 Acq: 05 May 2023 17:32

Tgt Ion: 94 Resp: 21757
 Ion Ratio Lower Upper
 94 100
 96 92.8 63.4 117.8

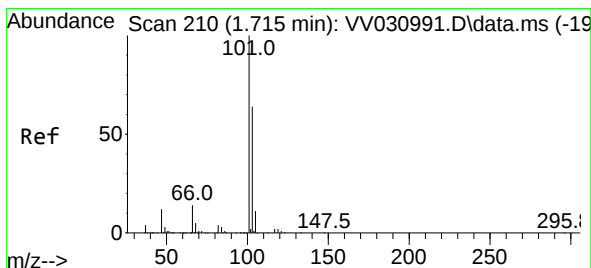
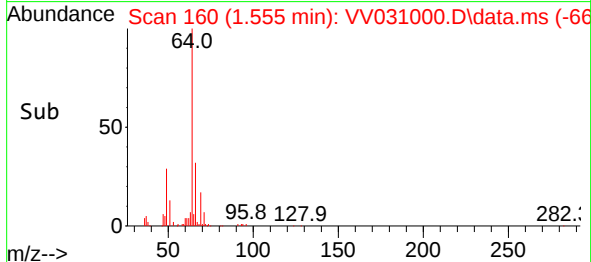
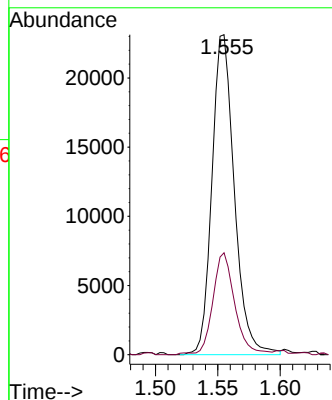
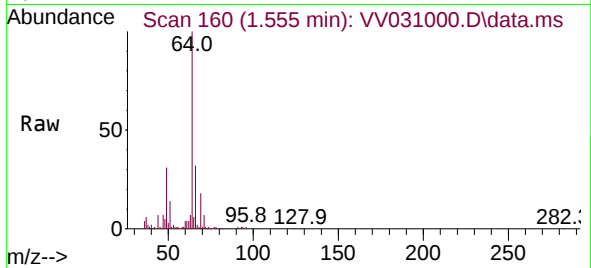




#8
Chloroethane
Concen: 4.514 ug/L
RT: 1.555 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV031000.D
Acq: 05 May 2023 17:32

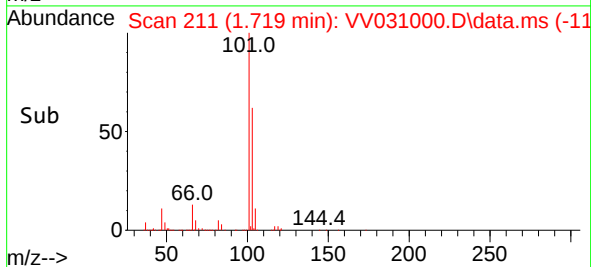
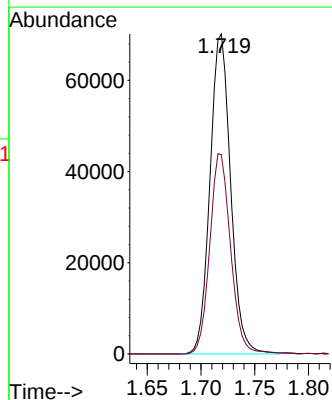
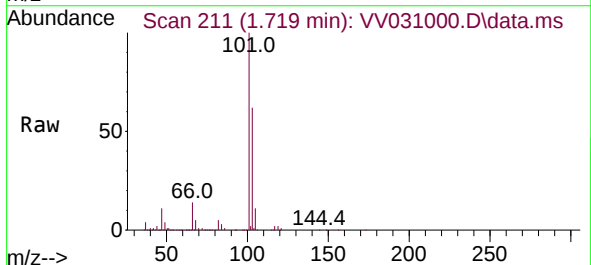
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ClientSampleId :

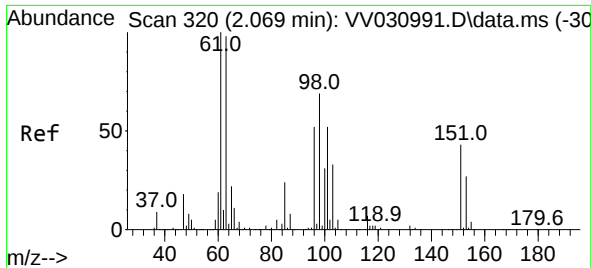
Tgt Ion: 64 Resp: 28963
Ion Ratio Lower Upper
64 100
66 31.9 22.1 41.1



#9
Trichlorofluoromethane
Concen: 4.825 ug/L
RT: 1.719 min Scan# 211
Delta R.T. 0.003 min
Lab File: VV031000.D
Acq: 05 May 2023 17:32

Tgt Ion: 101 Resp: 93829
Ion Ratio Lower Upper
101 100
103 63.2 51.8 77.8

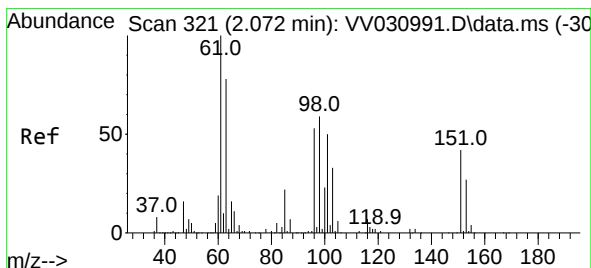
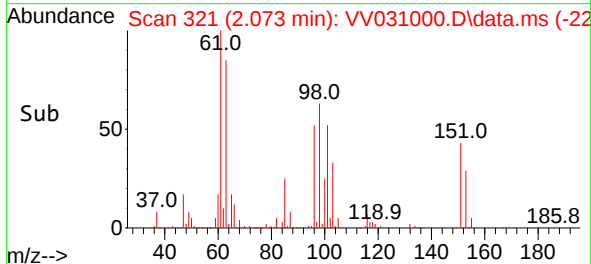
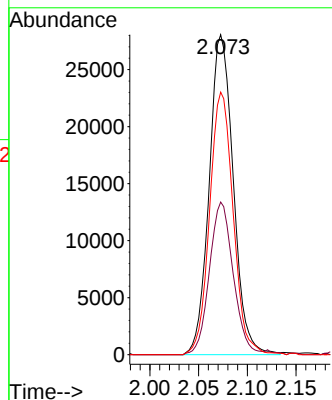
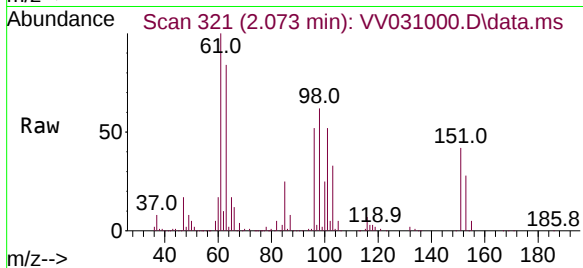




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.871 ug/L
RT: 2.073 min Scan# 321
Delta R.T. 0.003 min
Lab File: VV031000.D
Acq: 05 May 2023 17:32

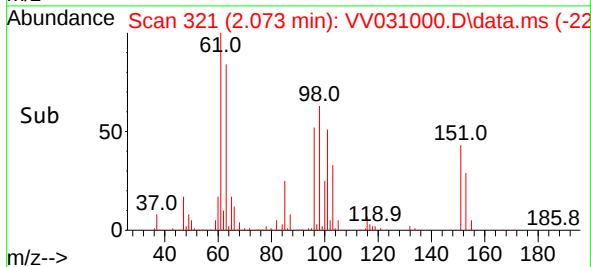
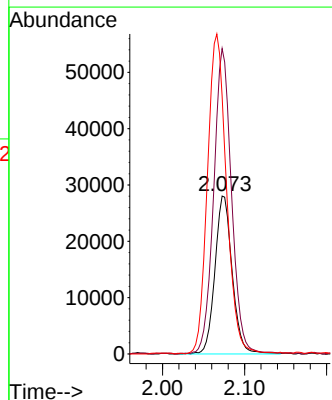
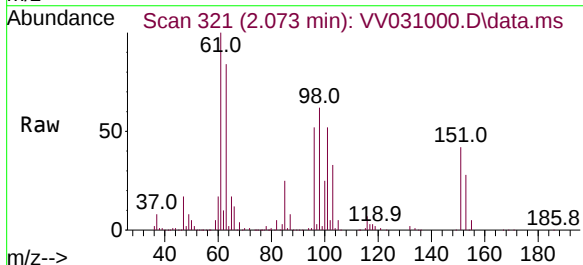
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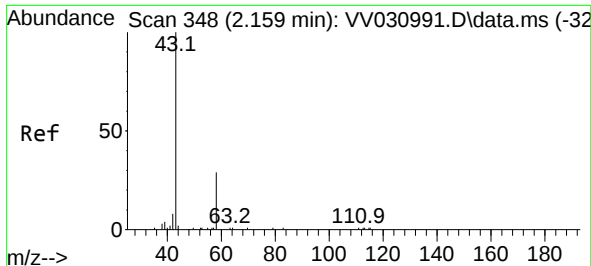
Tgt Ion:101 Resp: 48357
Ion Ratio Lower Upper
101 100
85 47.1 38.7 58.1
151 80.3 65.1 97.7



#12
1,1-Dichloroethene
Concen: 4.502 ug/L
RT: 2.073 min Scan# 321
Delta R.T. 0.000 min
Lab File: VV031000.D
Acq: 05 May 2023 17:32

Tgt Ion: 96 Resp: 41164
Ion Ratio Lower Upper
96 100
61 193.3 135.6 251.8
63 163.3 121.1 224.9





#13

Acetone

Concen: 31.207 ug/L

RT: 2.156 min Scan# 348

Delta R.T. -0.003 min

Lab File: VV031000.D

Acq: 05 May 2023 17:32

Instrument :

MSVOA_V

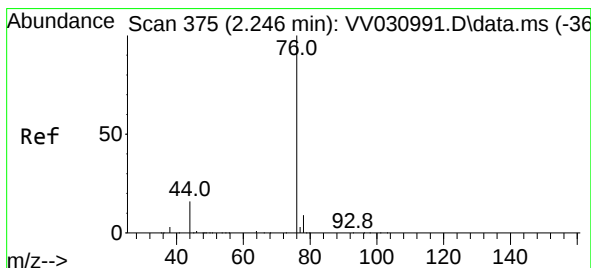
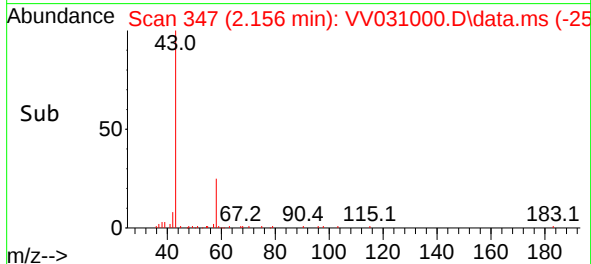
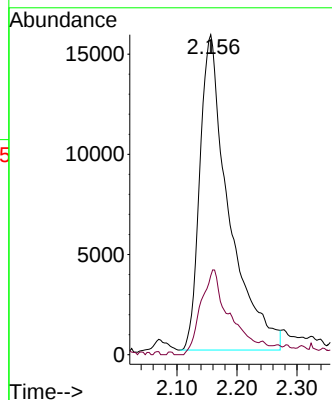
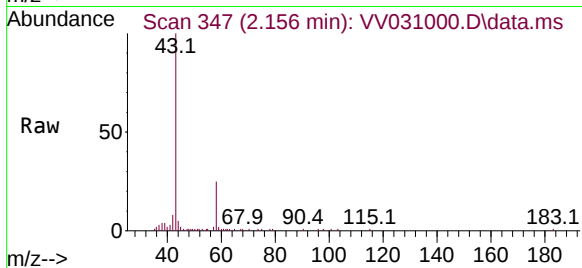
ClientSampleId :

Tgt Ion: 43 Resp: 52907

Ion Ratio Lower Upper

43 100

58 26.6 0.0 37.0



#14

Carbon disulfide

Concen: 3.890 ug/L

RT: 2.246 min Scan# 375

Delta R.T. 0.000 min

Lab File: VV031000.D

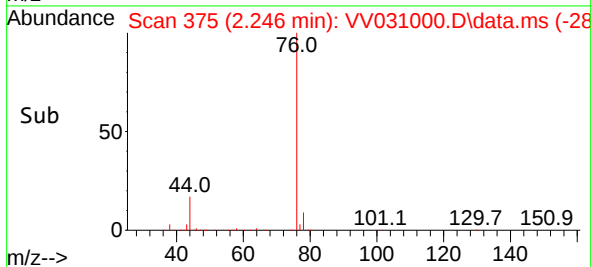
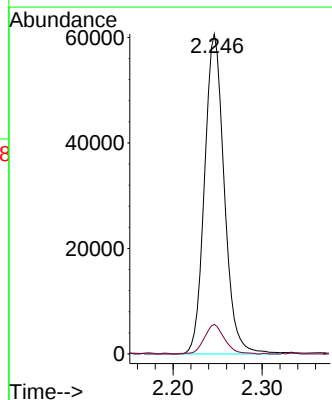
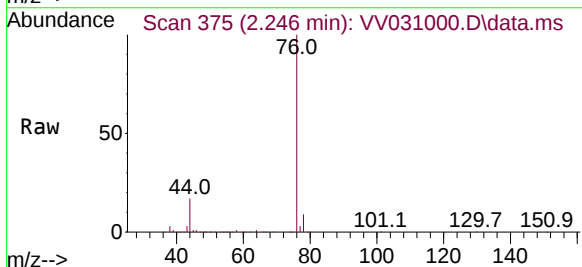
Acq: 05 May 2023 17:32

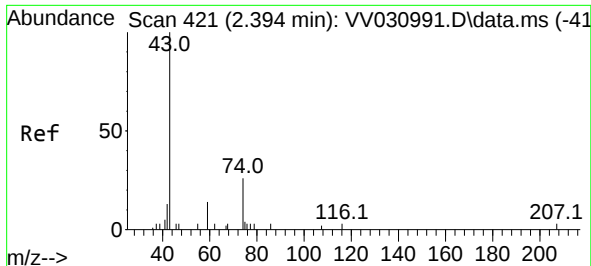
Tgt Ion: 76 Resp: 93048

Ion Ratio Lower Upper

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78 9.3 6.8 10.2

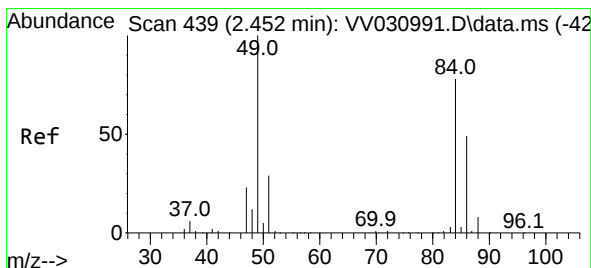
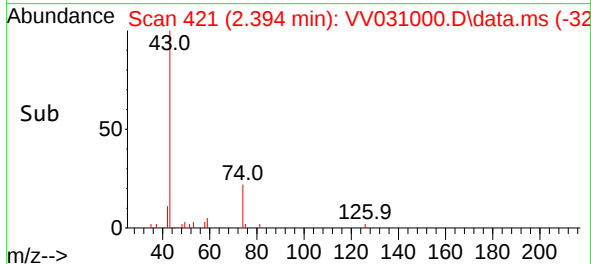
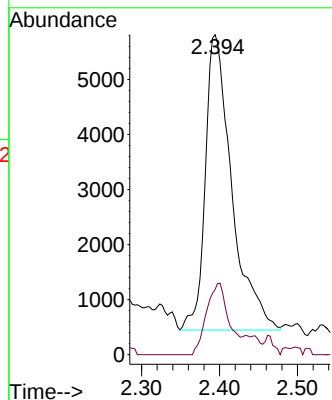
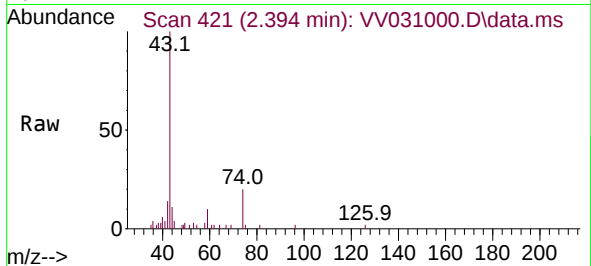




#15
Methyl Acetate
Concen: 3.687 ug/L
RT: 2.394 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV031000.D
Acq: 05 May 2023 17:32

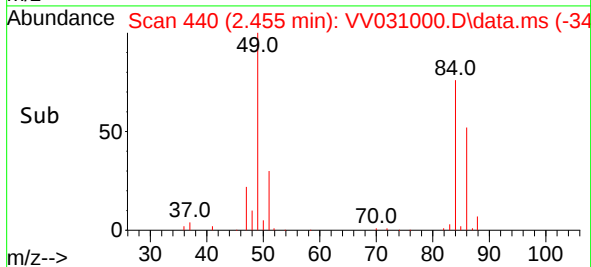
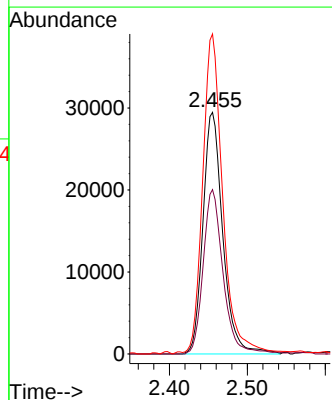
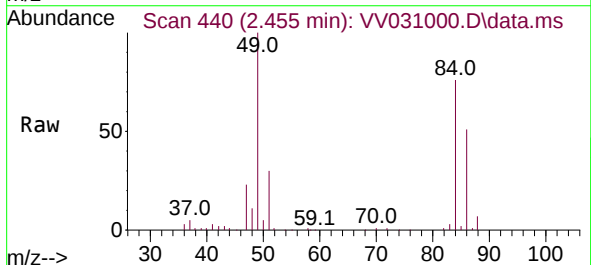
Instrument :
MSVOA_V
ClientSampleId :

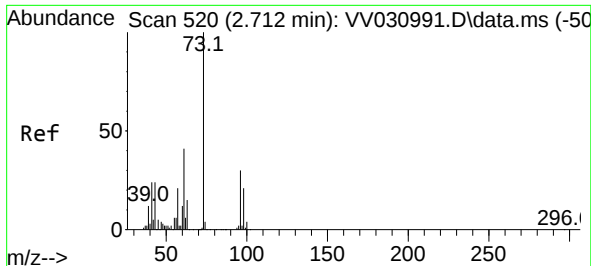
Tgt Ion: 43 Resp: 12719
Ion Ratio Lower Upper
43 100
74 20.0 15.0 22.6



#16
Methylene chloride
Concen: 5.043 ug/L
RT: 2.455 min Scan# 440
Delta R.T. 0.003 min
Lab File: VV031000.D
Acq: 05 May 2023 17:32

Tgt Ion: 84 Resp: 52159
Ion Ratio Lower Upper
84 100
86 68.0 46.1 85.5
49 132.4 94.3 175.1





#17

Methyl tert-butyl Ether

Concen: 4.890 ug/L

RT: 2.716 min Scan# 516

Delta R.T. 0.003 min

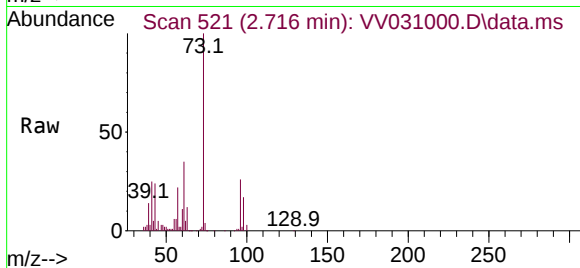
Lab File: VV031000.D

Acq: 05 May 2023 17:32

Instrument :

MSVOA_V

ClientSampleId :



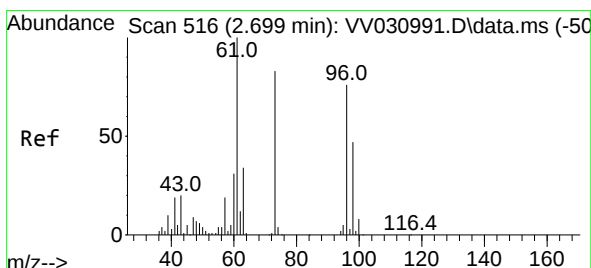
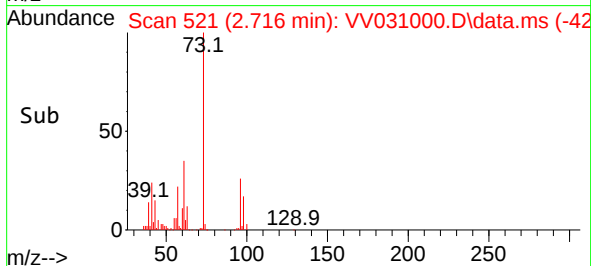
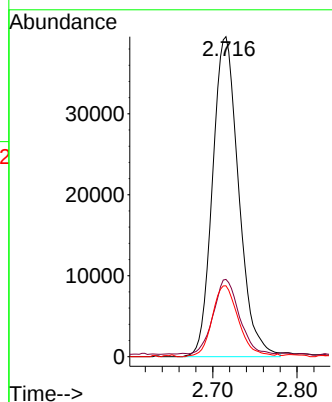
Tgt Ion: 73 Resp: 85102

Ion Ratio Lower Upper

73 100

43 22.7 19.9 29.9

57 22.3 18.2 27.4



#18

trans-1,2-Dichloroethene

Concen: 4.543 ug/L

RT: 2.700 min Scan# 516

Delta R.T. 0.000 min

Lab File: VV031000.D

Acq: 05 May 2023 17:32

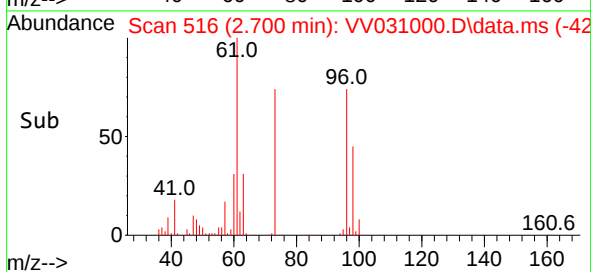
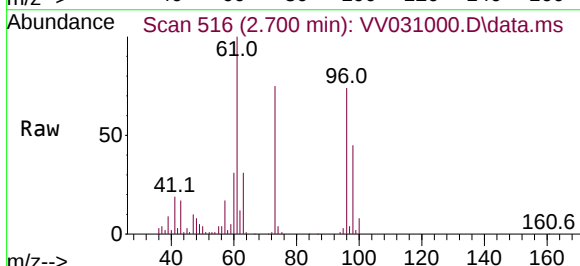
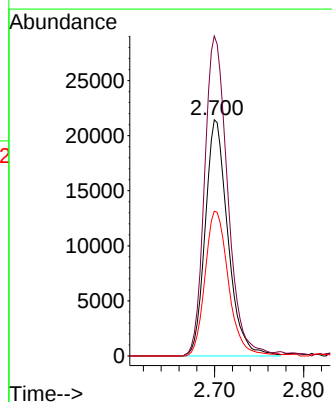
Tgt Ion: 96 Resp: 37938

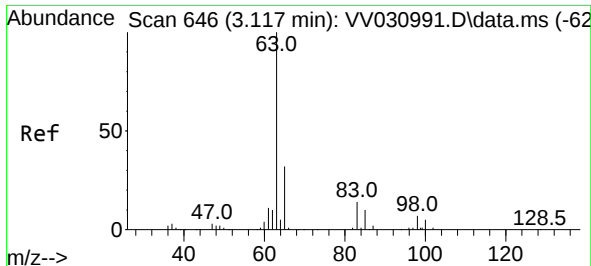
Ion Ratio Lower Upper

96 100

61 135.5 98.9 183.7

98 61.4 46.0 85.4





#19

1,1-Dichloroethane

Concen: 4.793 ug/L

RT: 3.121 min Scan# 64

Delta R.T. 0.003 min

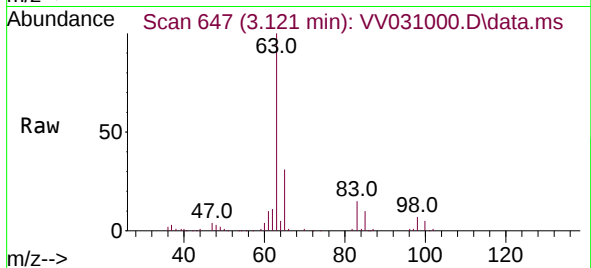
Lab File: VV031000.D

Acq: 05 May 2023 17:32

Instrument :

MSVOA_V

ClientSampleId :



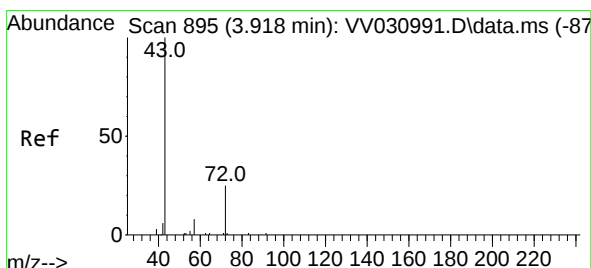
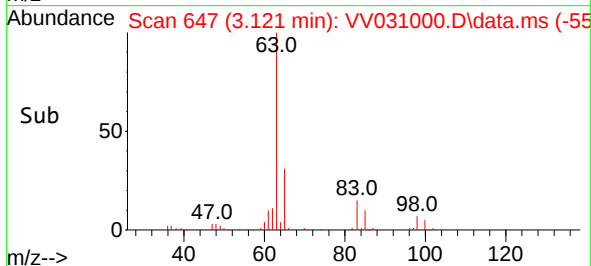
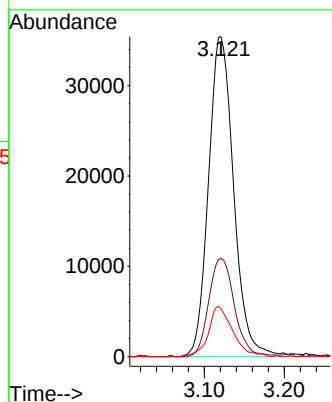
Tgt Ion: 63 Resp: 77287

Ion Ratio Lower Upper

63 100

65 30.7 21.8 40.6

83 14.9 10.2 19.0



#21

2-Butanone

Concen: 31.991 ug/L

RT: 3.912 min Scan# 893

Delta R.T. -0.006 min

Lab File: VV031000.D

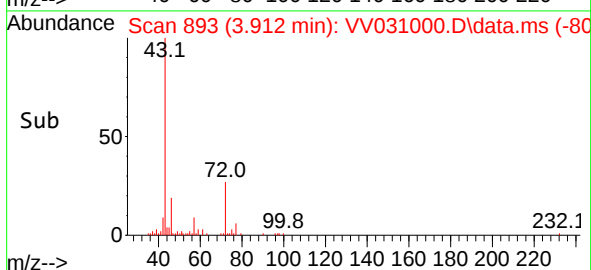
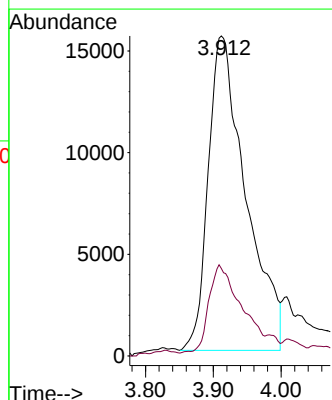
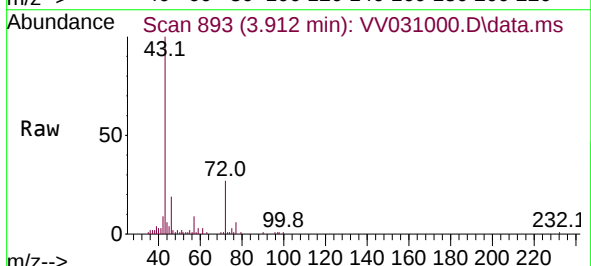
Acq: 05 May 2023 17:32

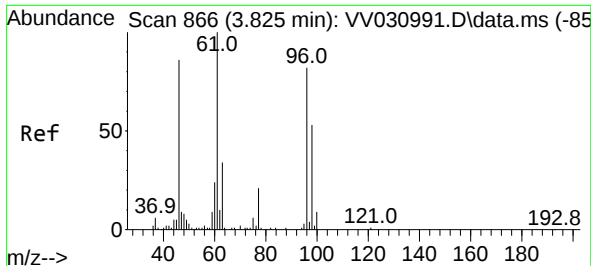
Tgt Ion: 43 Resp: 59649

Ion Ratio Lower Upper

43 100

72 24.2 9.6 28.6





#22

cis-1,2-Dichloroethene

Concen: 4.676 ug/L

RT: 3.828 min Scan# 866

Delta R.T. 0.003 min

Lab File: VV031000.D

Acq: 05 May 2023 17:32

Instrument :

MSVOA_V

ClientSampleId :

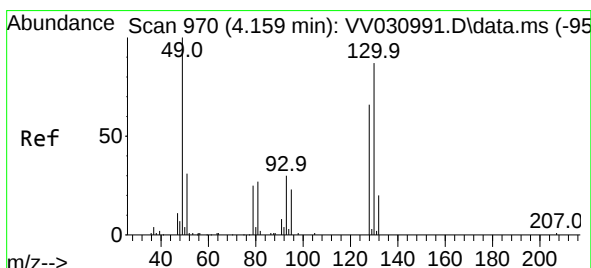
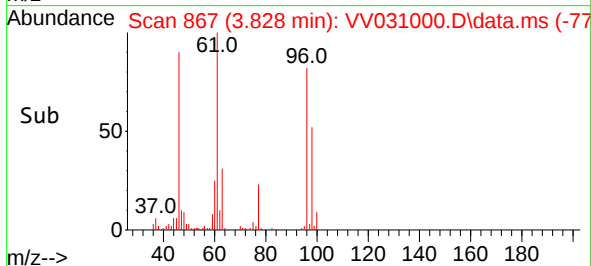
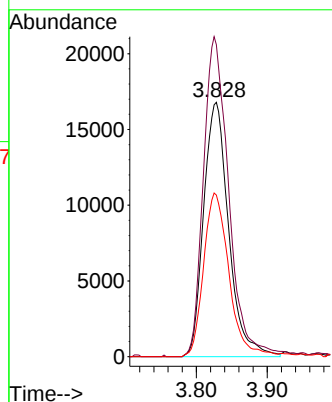
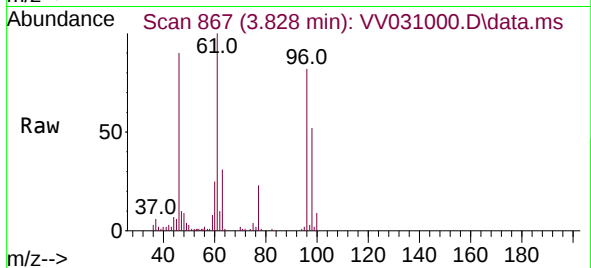
Tgt Ion: 96 Resp: 41204

Ion Ratio Lower Upper

96 100

61 122.7 86.0 159.6

98 63.5 43.2 80.2



#23

Bromochloromethane

Concen: 5.067 ug/L

RT: 4.159 min Scan# 970

Delta R.T. 0.000 min

Lab File: VV031000.D

Acq: 05 May 2023 17:32

Tgt Ion: 128 Resp: 21019

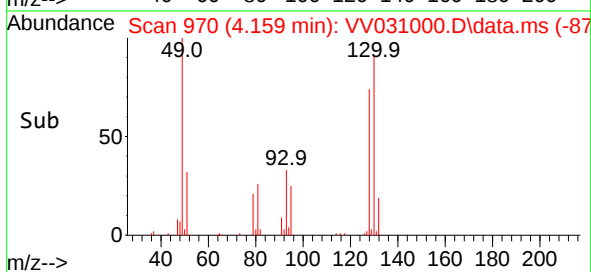
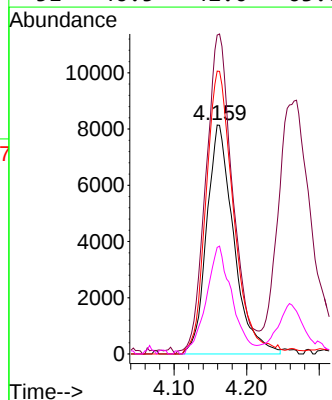
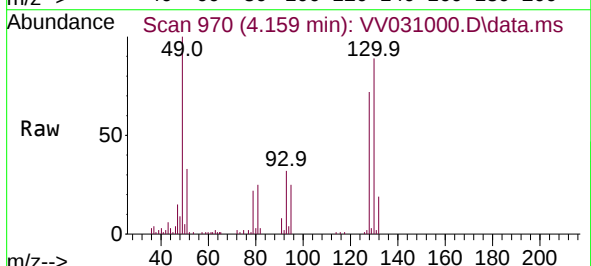
Ion Ratio Lower Upper

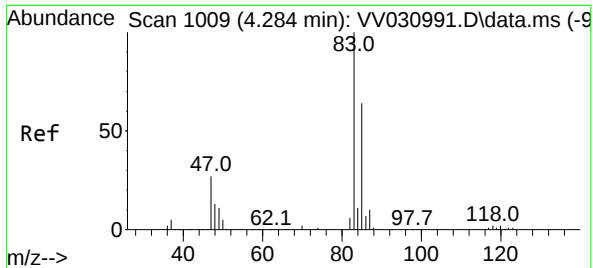
128 100

49 139.3 104.7 194.5

130 123.5 93.4 173.4

51 46.5 42.0 63.0

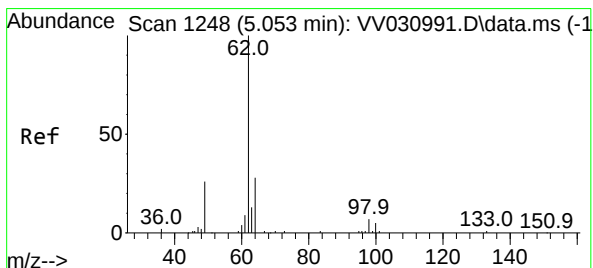
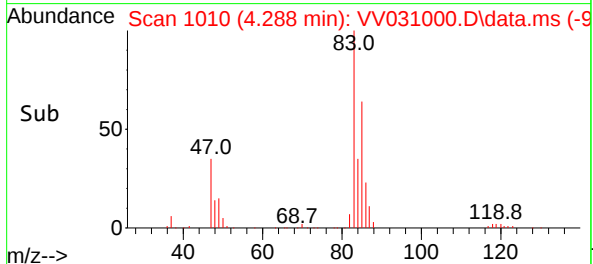
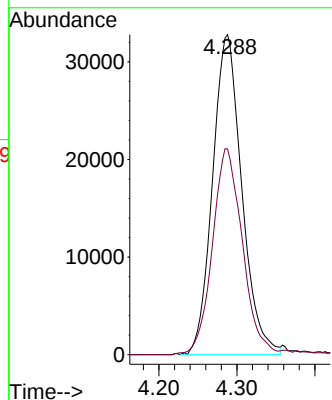
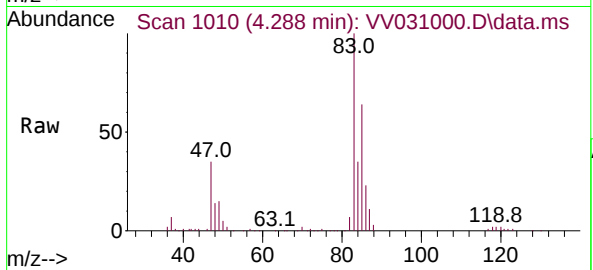




#25
Chloroform
Concen: 4.937 ug/L
RT: 4.288 min Scan# 1009
Delta R.T. 0.003 min
Lab File: VV031000.D
Acq: 05 May 2023 17:32

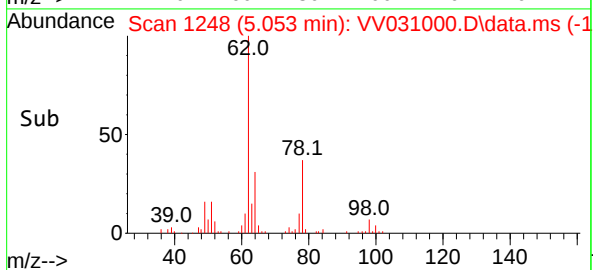
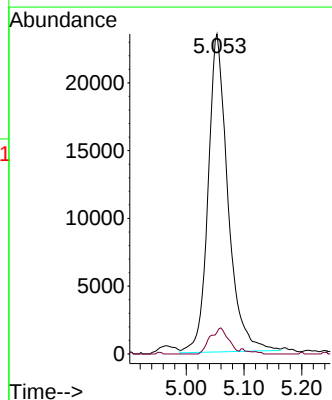
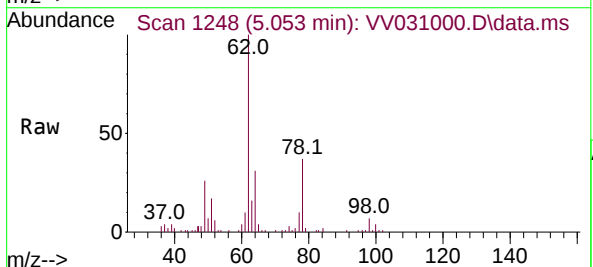
Instrument :
MSVOA_V
ClientSampleId :

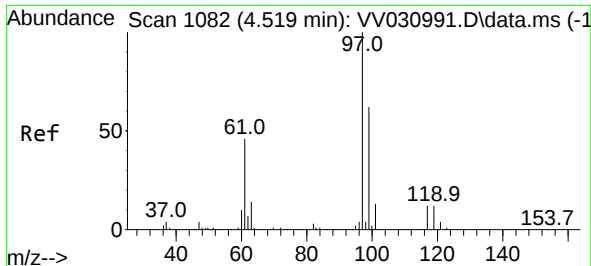
Tgt Ion: 83 Resp: 85422
Ion Ratio Lower Upper
83 100
85 64.3 46.4 86.2



#27
1,2-Dichloroethane
Concen: 5.154 ug/L
RT: 5.053 min Scan# 1248
Delta R.T. 0.000 min
Lab File: VV031000.D
Acq: 05 May 2023 17:32

Tgt Ion: 62 Resp: 55964
Ion Ratio Lower Upper
62 100
98 6.8 6.0 9.0





#29

1,1,1-Trichloroethane

Concen: 4.981 ug/L

RT: 4.523 min Scan# 1105

Delta R.T. 0.003 min

Lab File: VV031000.D

Acq: 05 May 2023 17:32

Instrument :

MSVOA_V

ClientSampleId :

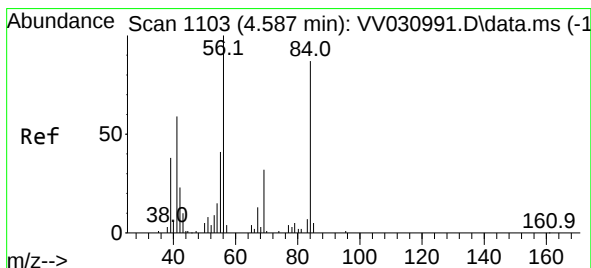
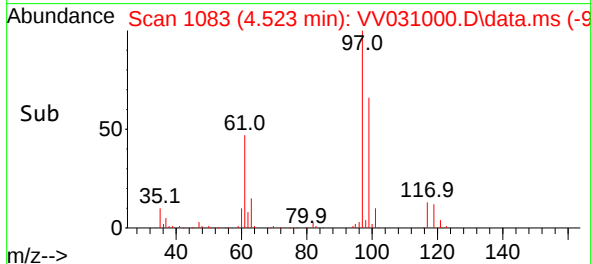
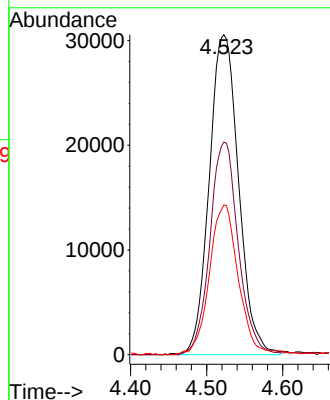
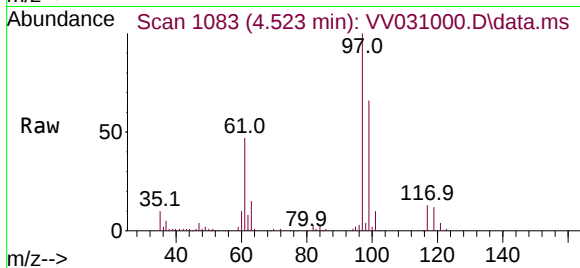
Tgt Ion: 97 Resp: 81970

Ion Ratio Lower Upper

97 100

99 64.3 51.4 77.2

61 46.2 37.4 56.0



#30

Cyclohexane

Concen: 4.311 ug/L

RT: 4.593 min Scan# 1105

Delta R.T. 0.007 min

Lab File: VV031000.D

Acq: 05 May 2023 17:32

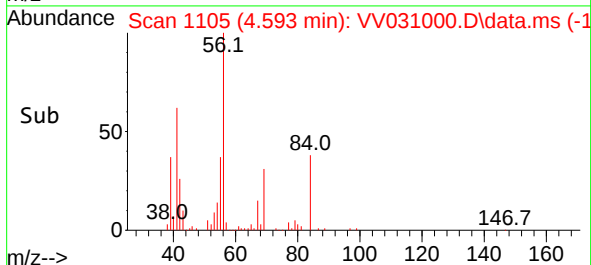
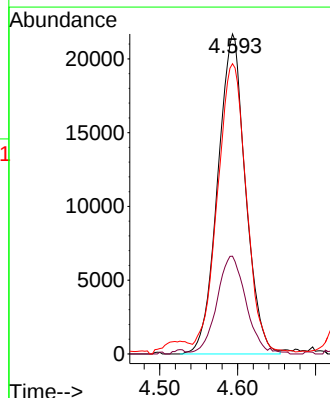
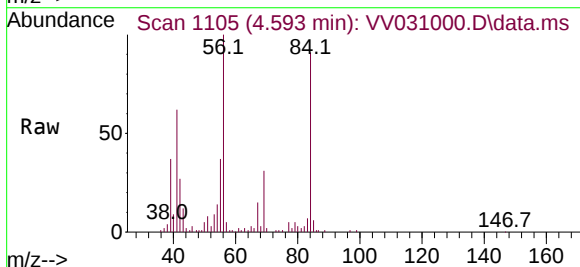
Tgt Ion: 56 Resp: 53582

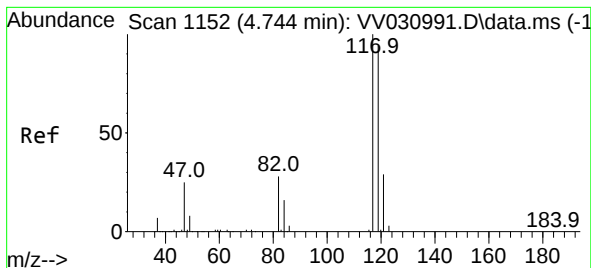
Ion Ratio Lower Upper

56 100

69 32.2 25.0 37.6

84 93.9 74.2 111.2





#31

Carbon tetrachloride

Concen: 4.976 ug/L

RT: 4.745 min Scan# 1152

Delta R.T. 0.000 min

Lab File: VV031000.D

Acq: 05 May 2023 17:32

Instrument :

MSVOA_V

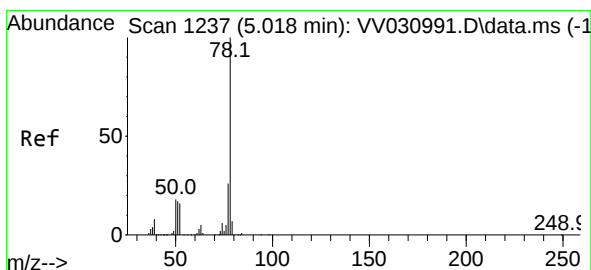
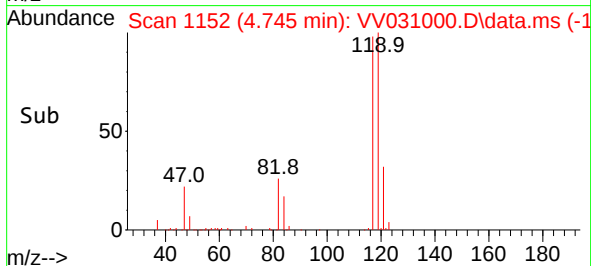
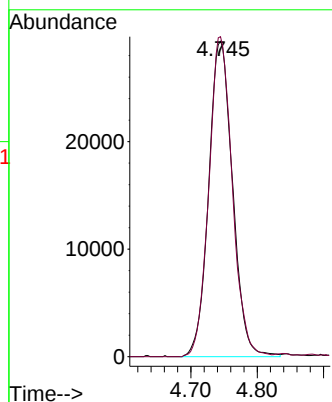
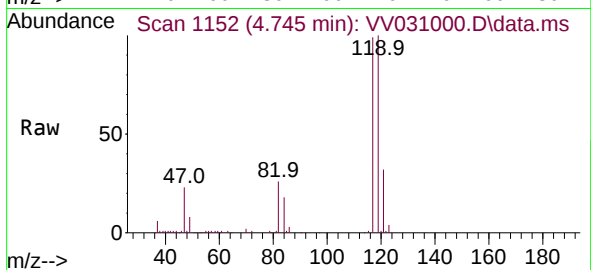
ClientSampleId :

Tgt Ion:117 Resp: 73545

Ion Ratio Lower Upper

117 100

119 99.3 78.4 117.6



#33

Benzene

Concen: 4.843 ug/L

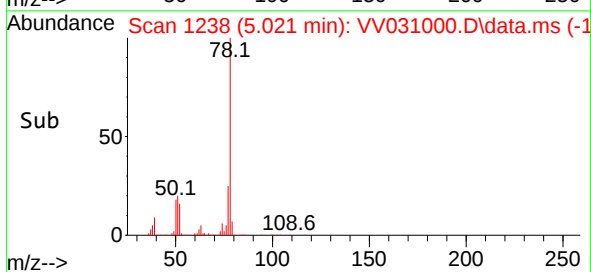
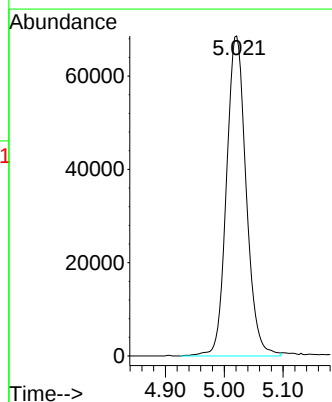
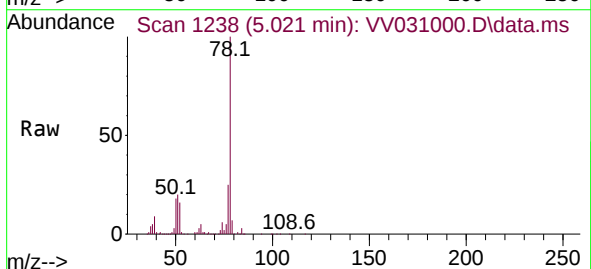
RT: 5.021 min Scan# 1238

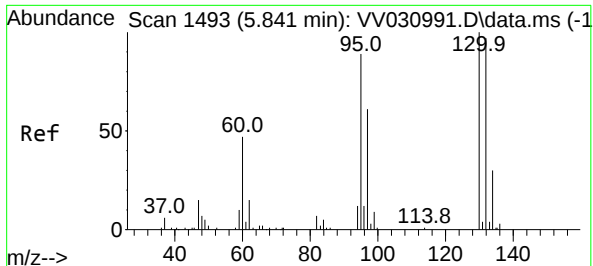
Delta R.T. 0.003 min

Lab File: VV031000.D

Acq: 05 May 2023 17:32

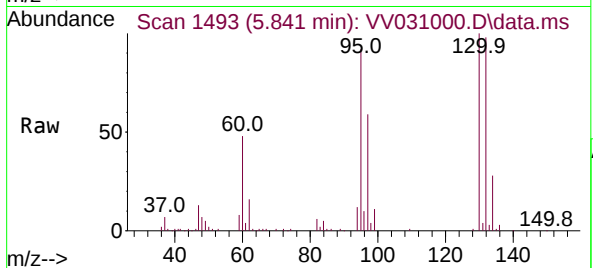
Tgt Ion: 78 Resp: 159542



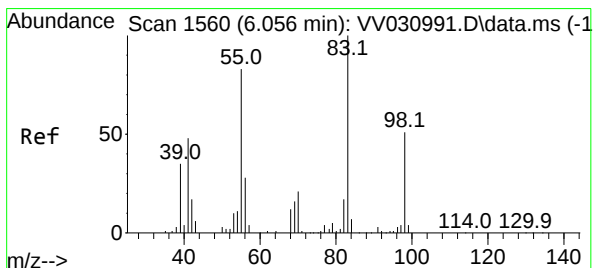
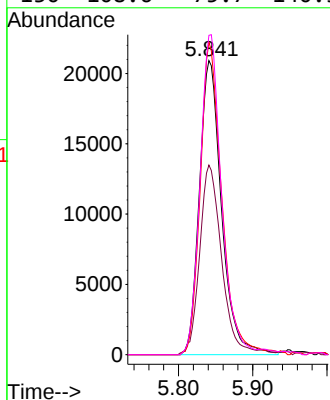
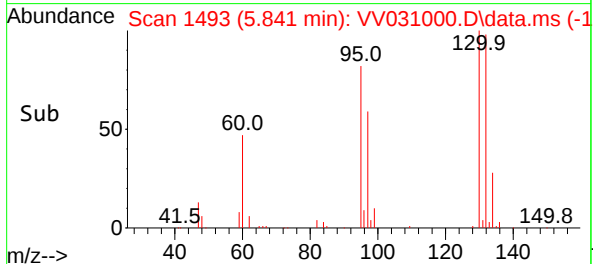


#34
Trichloroethene
Concen: 4.949 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VV031000.D
Acq: 05 May 2023 17:32

Instrument :
MSVOA_V
ClientSampleId :

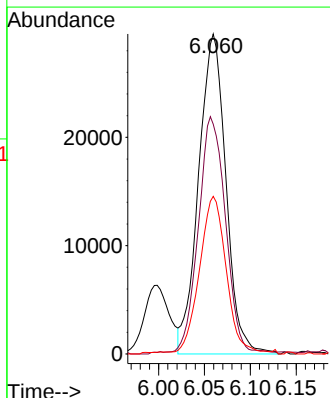
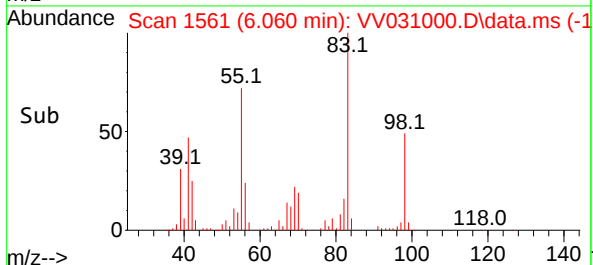
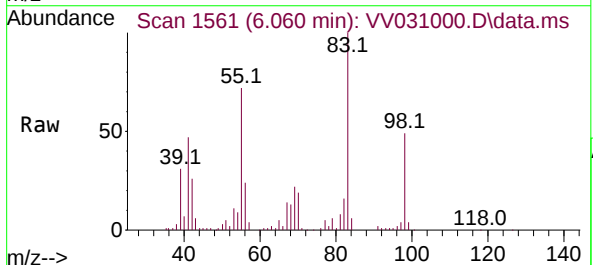


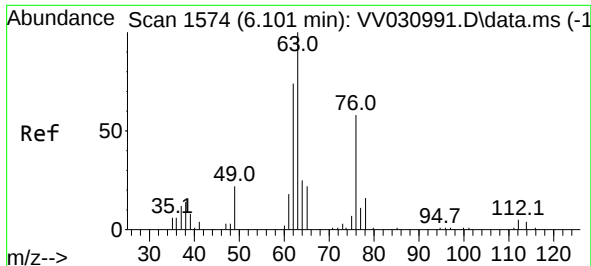
Tgt Ion: 95 Resp: 43454
Ion Ratio Lower Upper
95 100
97 64.5 46.2 85.8
132 106.3 72.7 135.1
130 108.6 75.7 140.5



#35
Methylcyclohexane
Concen: 4.497 ug/L
RT: 6.060 min Scan# 1561
Delta R.T. 0.003 min
Lab File: VV031000.D
Acq: 05 May 2023 17:32

Tgt Ion: 83 Resp: 61195
Ion Ratio Lower Upper
83 100
55 72.3 62.9 94.3
98 47.1 40.5 60.7





#37

1,2-Dichloropropane

Concen: 4.801 ug/L

RT: 6.101 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV031000.D

Acq: 05 May 2023 17:32

Instrument :

MSVOA_V

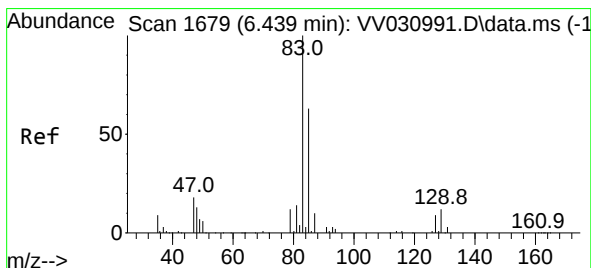
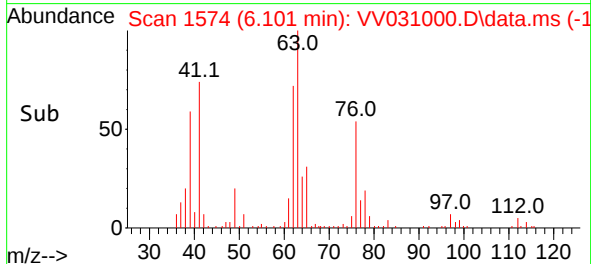
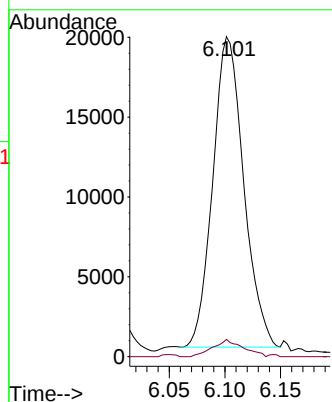
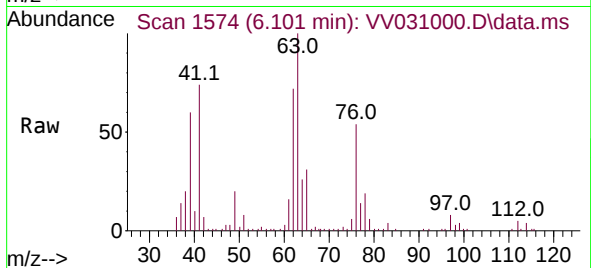
ClientSampleId :

Tgt Ion: 63 Resp: 37513

Ion Ratio Lower Upper

63 100

112 5.4 3.8 5.8



#38

Bromodichloromethane

Concen: 4.991 ug/L

RT: 6.442 min Scan# 1680

Delta R.T. 0.003 min

Lab File: VV031000.D

Acq: 05 May 2023 17:32

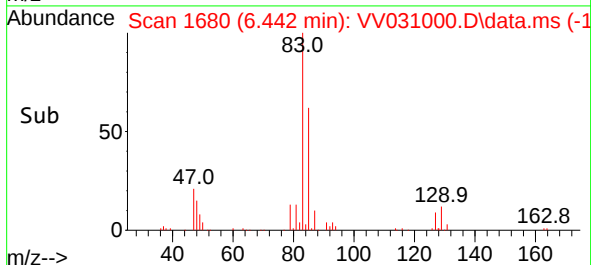
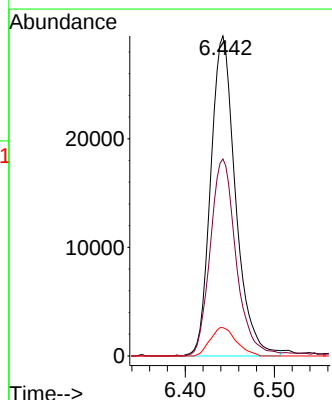
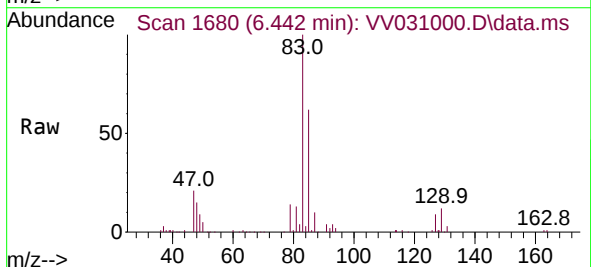
Tgt Ion: 83 Resp: 57083

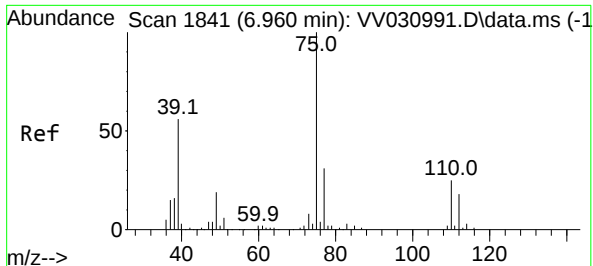
Ion Ratio Lower Upper

83 100

85 61.6 44.4 82.4

127 8.8 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 4.716 ug/L

RT: 6.963 min Scan# 1841

Delta R.T. 0.003 min

Lab File: VV031000.D

Acq: 05 May 2023 17:32

Instrument :

MSVOA_V

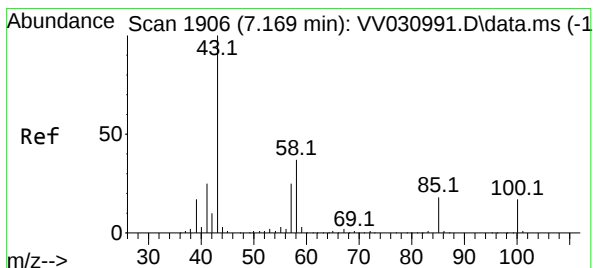
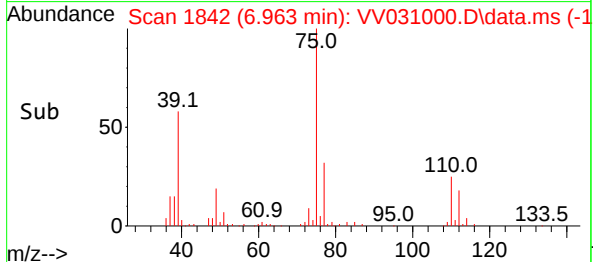
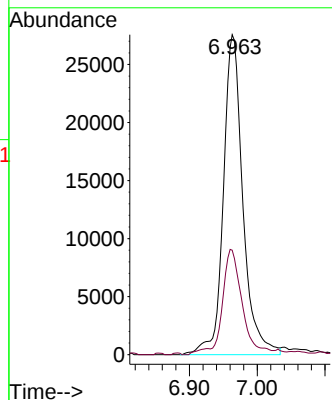
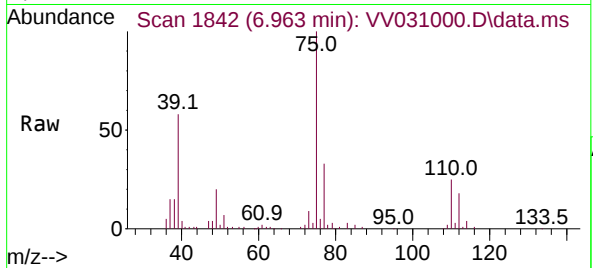
ClientSampleId :

Tgt Ion: 75 Resp: 55194

Ion Ratio Lower Upper

75 100

77 32.7 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 47.891 ug/L

RT: 7.169 min Scan# 1906

Delta R.T. 0.000 min

Lab File: VV031000.D

Acq: 05 May 2023 17:32

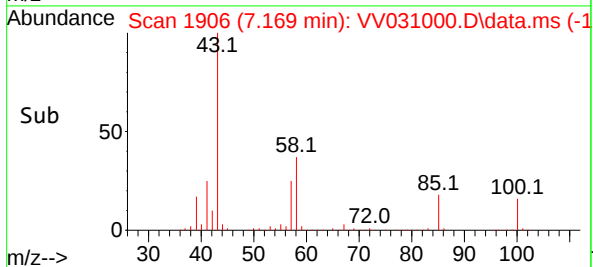
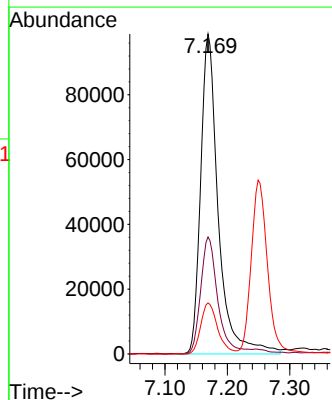
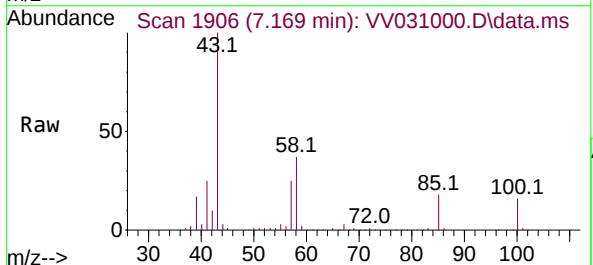
Tgt Ion: 43 Resp: 193882

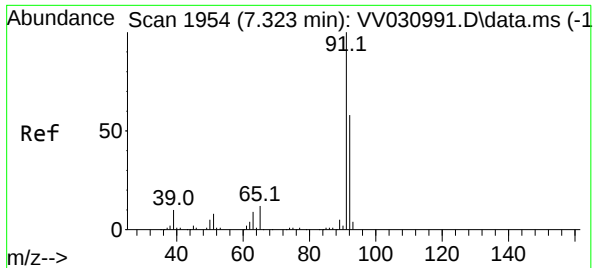
Ion Ratio Lower Upper

43 100

58 35.7 28.3 42.5

100 15.3 11.8 17.8

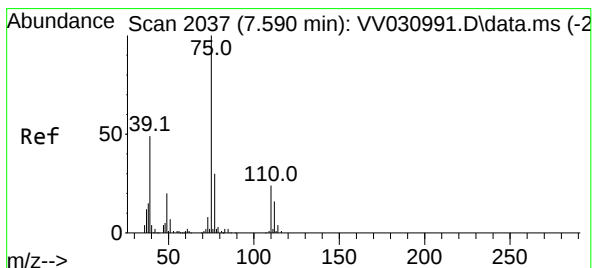
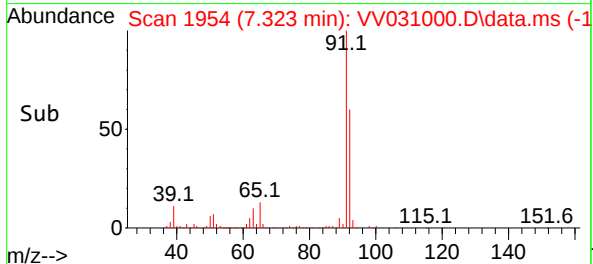
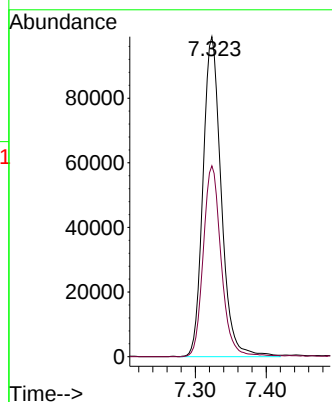
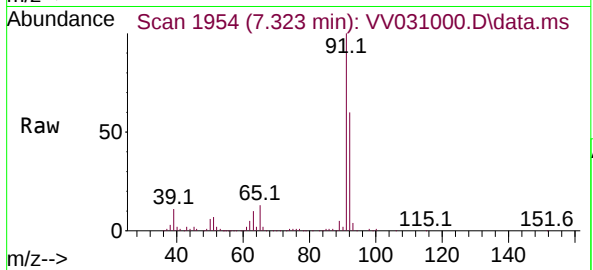




#42
Toluene
Concen: 5.000 ug/L
RT: 7.323 min Scan# 1954
Delta R.T. 0.000 min
Lab File: VV031000.D
Acq: 05 May 2023 17:32

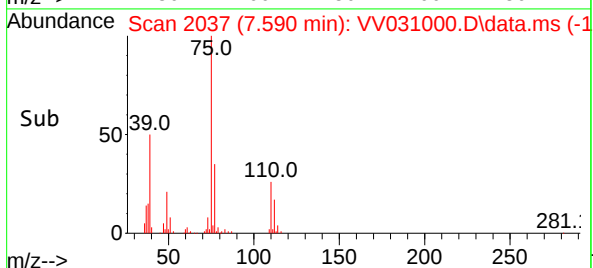
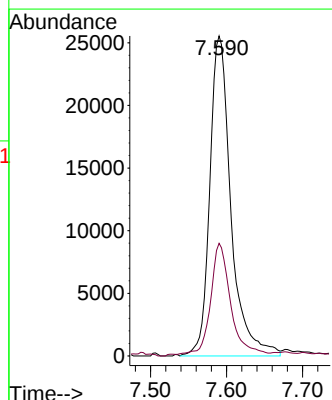
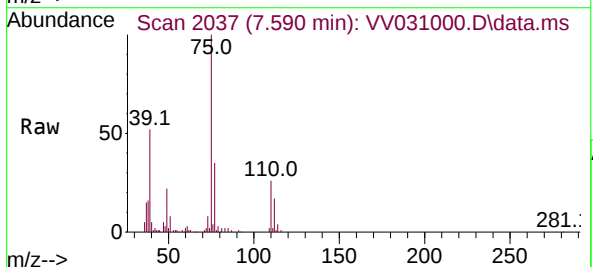
Instrument :
MSVOA_V
ClientSampleId :

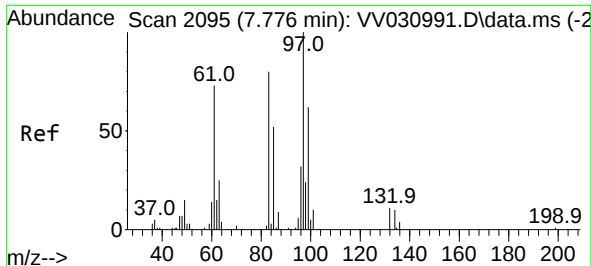
Tgt Ion: 91 Resp: 177321
Ion Ratio Lower Upper
91 100
92 59.7 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 4.959 ug/L
RT: 7.590 min Scan# 2037
Delta R.T. 0.000 min
Lab File: VV031000.D
Acq: 05 May 2023 17:32

Tgt Ion: 75 Resp: 49445
Ion Ratio Lower Upper
75 100
77 35.2 21.6 40.0





#45

1,1,2-Trichloroethane

Concen: 5.234 ug/L

RT: 7.777 min Scan# 2095

Delta R.T. 0.000 min

Lab File: VV031000.D

Acq: 05 May 2023 17:32

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 30346

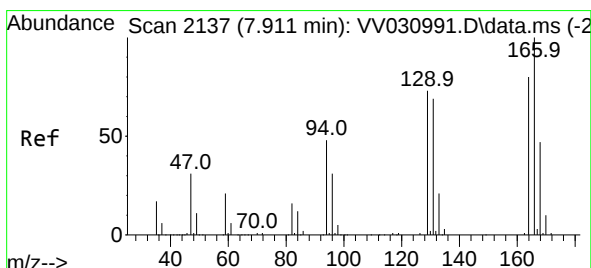
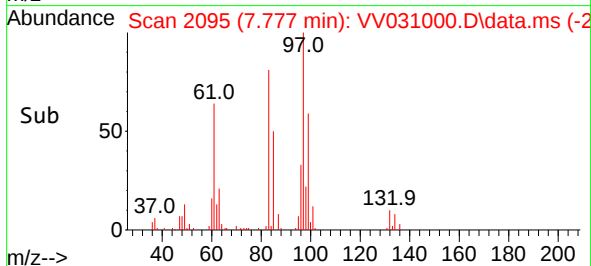
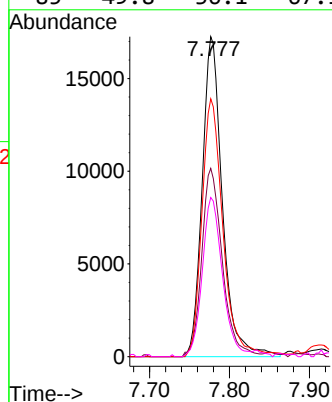
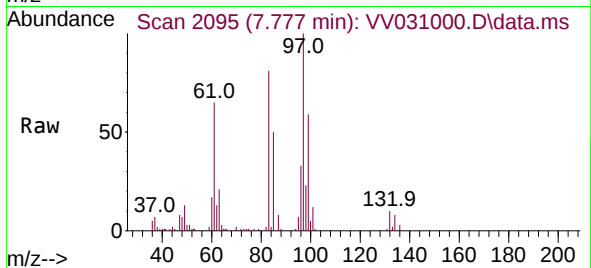
Ion Ratio Lower Upper

97 100

99 58.8 42.8 79.6

83 80.6 57.5 106.7

85 49.8 36.1 67.1



#47

Tetrachloroethene

Concen: 4.752 ug/L

RT: 7.915 min Scan# 2138

Delta R.T. 0.003 min

Lab File: VV031000.D

Acq: 05 May 2023 17:32

Tgt Ion:164 Resp: 39807

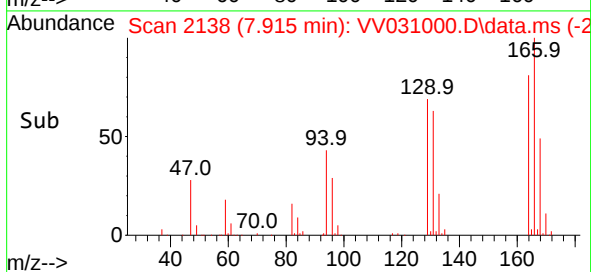
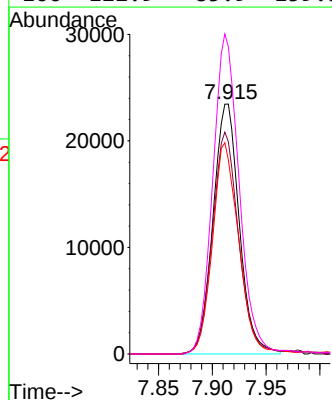
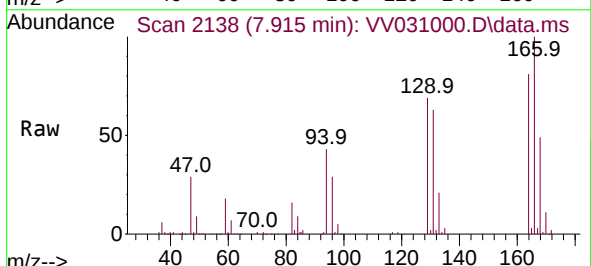
Ion Ratio Lower Upper

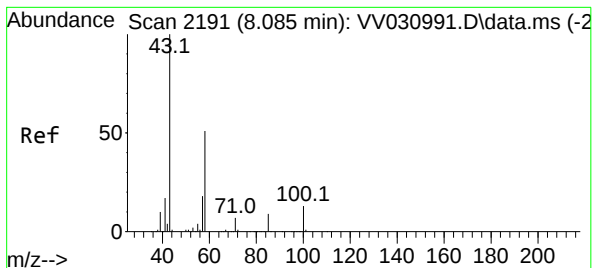
164 100

129 85.0 60.5 112.3

131 77.7 60.8 112.8

166 122.9 85.9 159.5





#48

2-Hexanone

Concen: 46.564 ug/L

RT: 8.088 min Scan# 2191

Delta R.T. 0.003 min

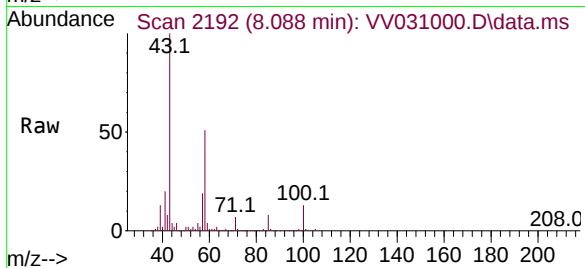
Lab File: VV031000.D

Acq: 05 May 2023 17:32

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 144586

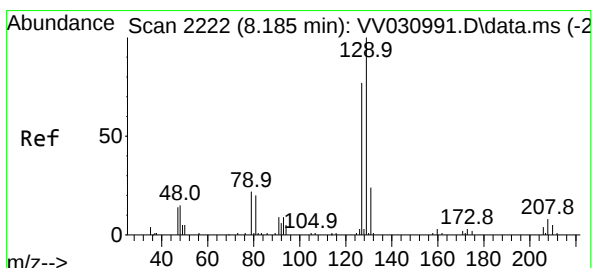
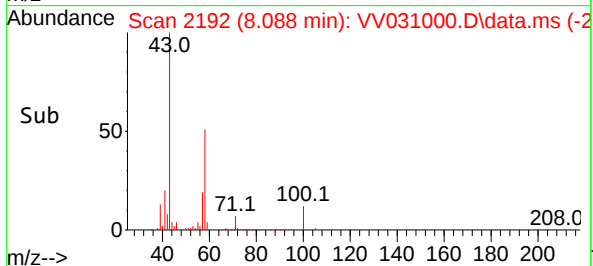
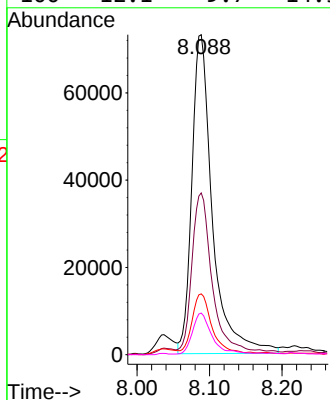
Ion Ratio Lower Upper

43 100

58 47.3 39.9 59.9

57 17.6 14.1 21.1

100 12.1 9.7 14.5



#49

Dibromochloromethane

Concen: 5.345 ug/L

RT: 8.185 min Scan# 2222

Delta R.T. 0.000 min

Lab File: VV031000.D

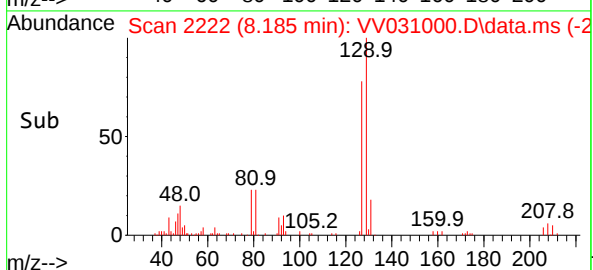
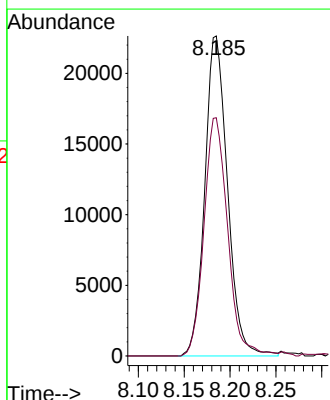
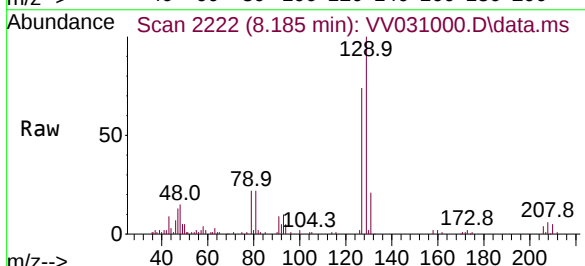
Acq: 05 May 2023 17:32

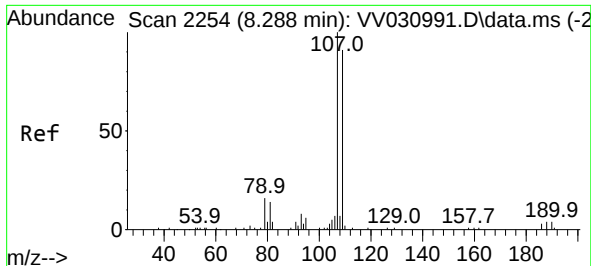
Tgt Ion: 129 Resp: 38987

Ion Ratio Lower Upper

129 100

127 74.5 55.3 102.7





#50

1,2-Dibromoethane

Concen: 5.124 ug/L

RT: 8.291 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV031000.D

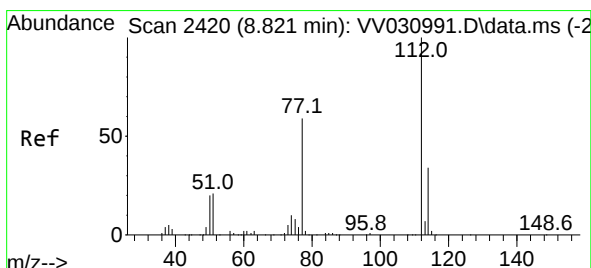
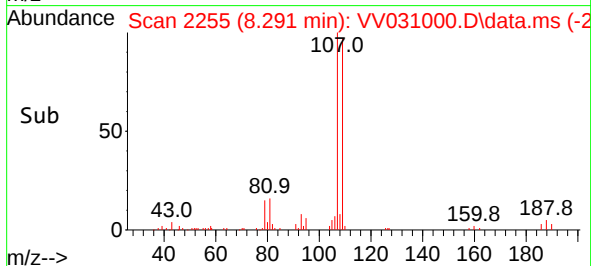
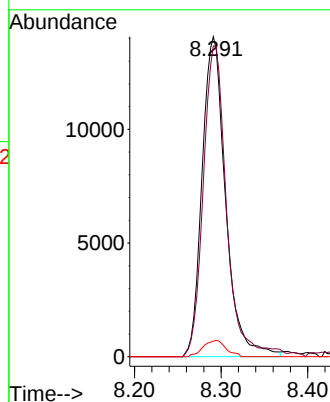
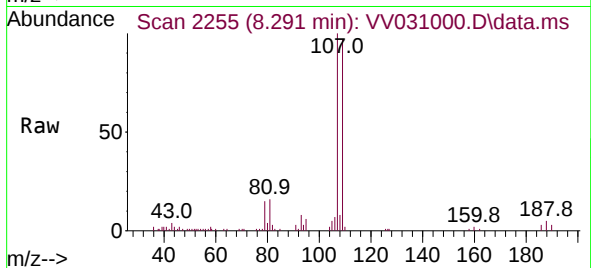
Acq: 05 May 2023 17:32

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	26494
Ion	Ratio	Lower Upper
107	100	
109	97.1	64.9 120.5
188	4.8	3.2 4.8#



#51

Chlorobenzene

Concen: 4.711 ug/L

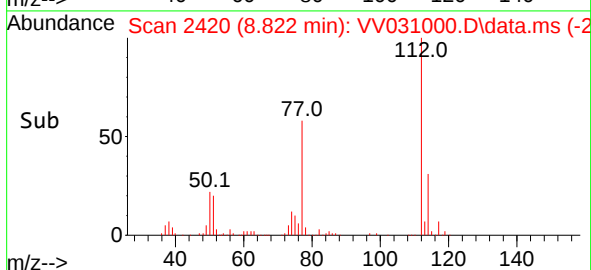
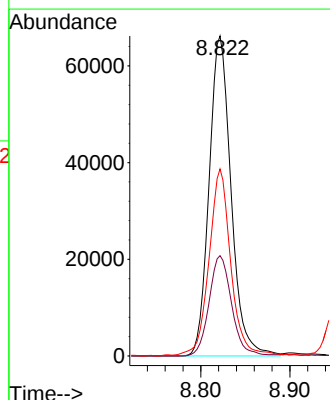
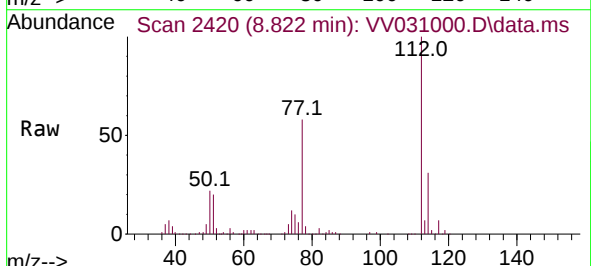
RT: 8.822 min Scan# 2420

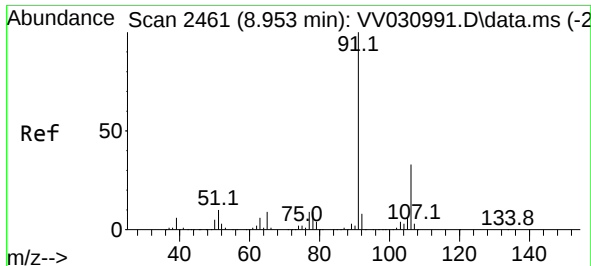
Delta R.T. 0.000 min

Lab File: VV031000.D

Acq: 05 May 2023 17:32

Tgt Ion:112	Resp:	113283
Ion	Ratio	Lower Upper
112	100	
114	31.3	22.5 41.9
77	58.4	45.3 67.9

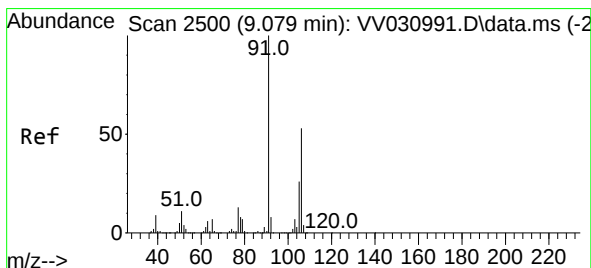
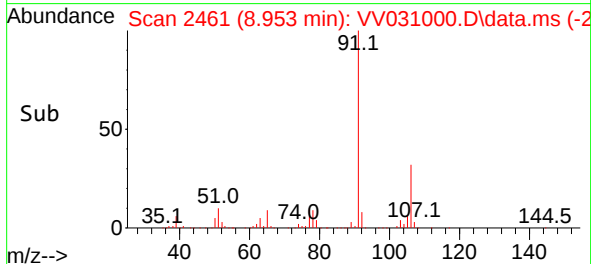
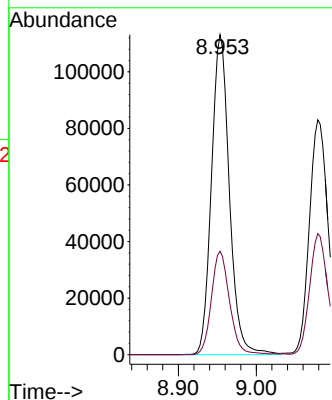
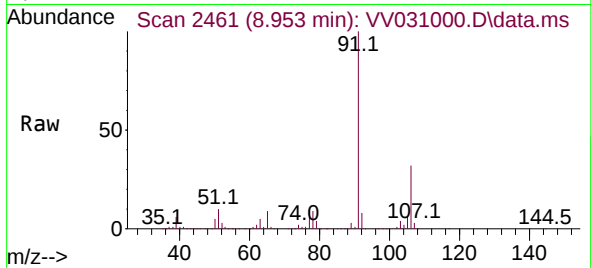




#52
Ethylbenzene
Concen: 4.686 ug/L
RT: 8.953 min Scan# 2461
Delta R.T. 0.000 min
Lab File: VV031000.D
Acq: 05 May 2023 17:32

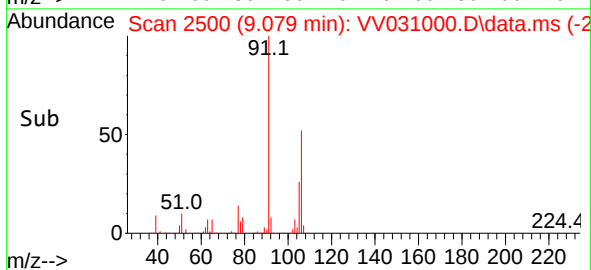
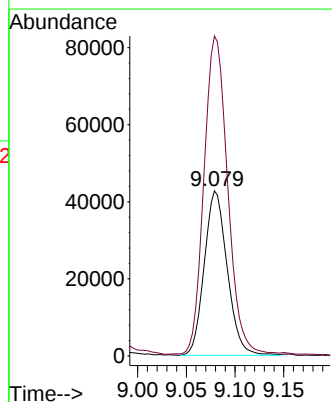
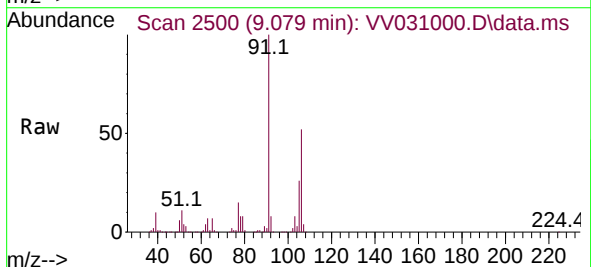
Instrument :
MSVOA_V
ClientSampleId :

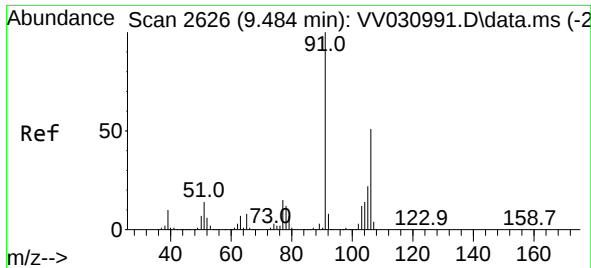
Tgt Ion: 91 Resp: 181180
Ion Ratio Lower Upper
91 100
106 32.3 21.4 39.8



#53
m,p-Xylene
Concen: 4.536 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. 0.000 min
Lab File: VV031000.D
Acq: 05 May 2023 17:32

Tgt Ion:106 Resp: 69987
Ion Ratio Lower Upper
106 100
91 193.8 138.7 257.5

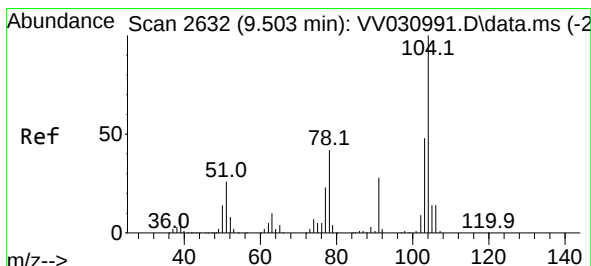
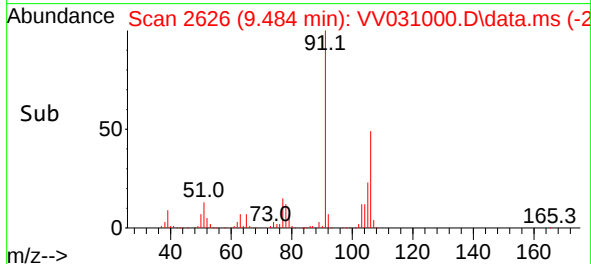
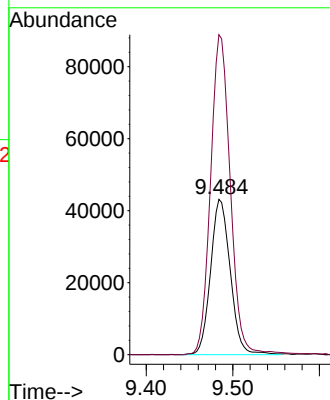
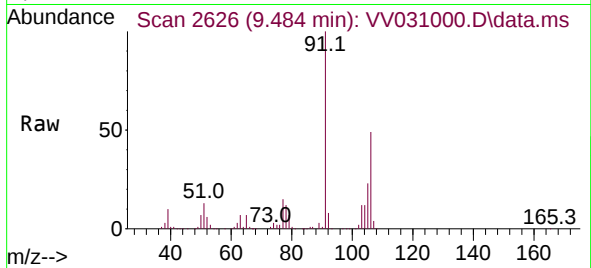




#54
o-Xylene
Concen: 4.643 ug/L
RT: 9.484 min Scan# 2626
Delta R.T. 0.000 min
Lab File: VV031000.D
Acq: 05 May 2023 17:32

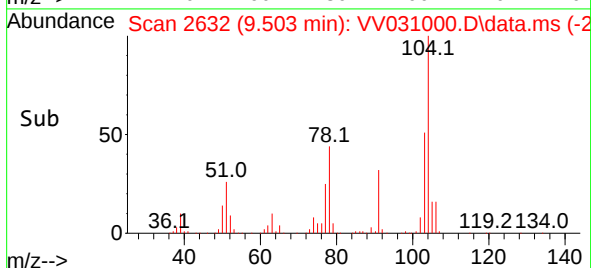
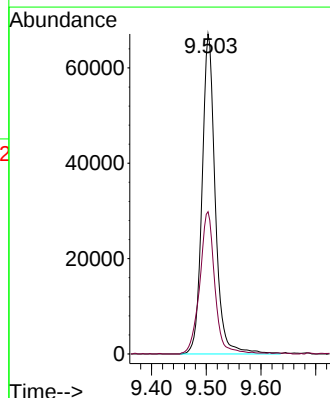
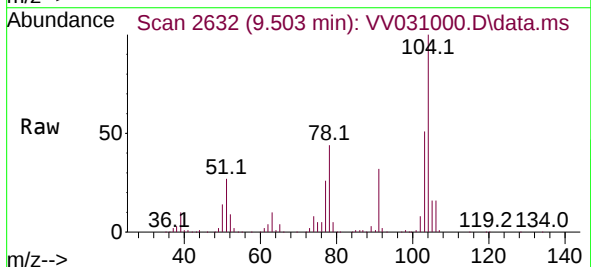
Instrument :
MSVOA_V
ClientSampleId :

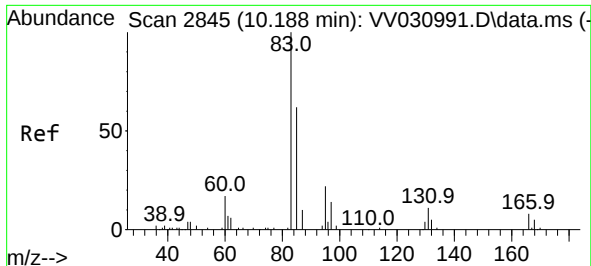
Tgt Ion:106 Resp: 68182
Ion Ratio Lower Upper
106 100
91 205.9 145.1 269.5



#55
Styrene
Concen: 4.548 ug/L
RT: 9.503 min Scan# 2632
Delta R.T. 0.000 min
Lab File: VV031000.D
Acq: 05 May 2023 17:32

Tgt Ion:104 Resp: 112699
Ion Ratio Lower Upper
104 100
78 44.5 31.4 58.2

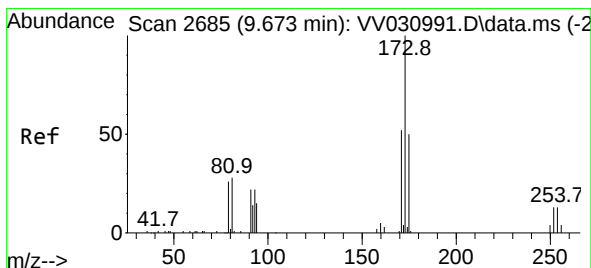
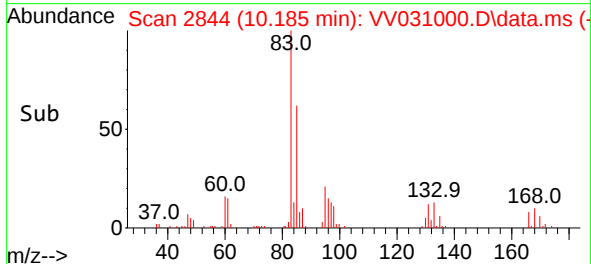
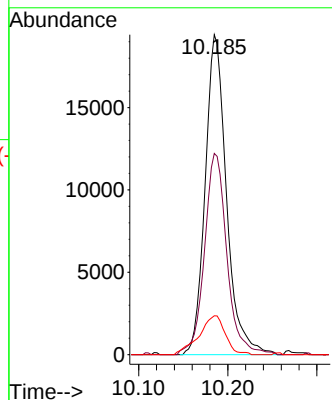
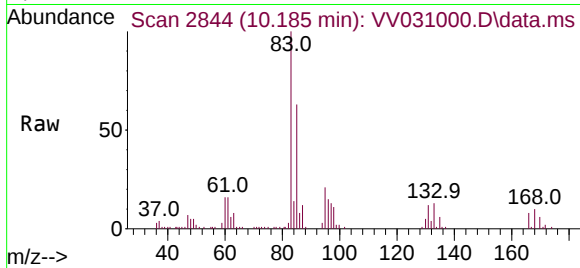




#57
1,1,2,2-Tetrachloroethane
Concen: 4.988 ug/L
RT: 10.185 min Scan# 2845
Delta R.T. -0.003 min
Lab File: VV031000.D
Acq: 05 May 2023 17:32

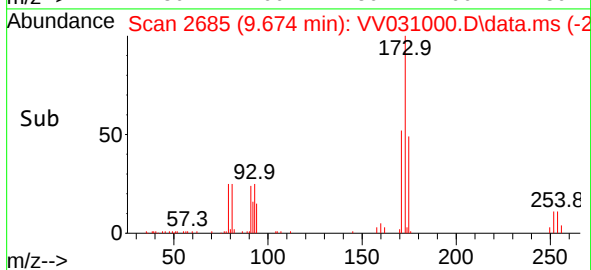
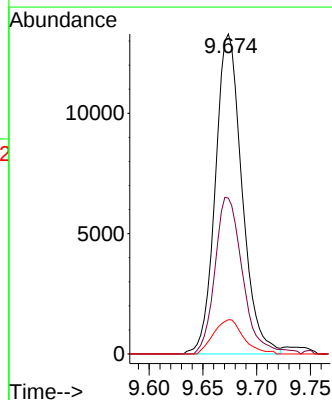
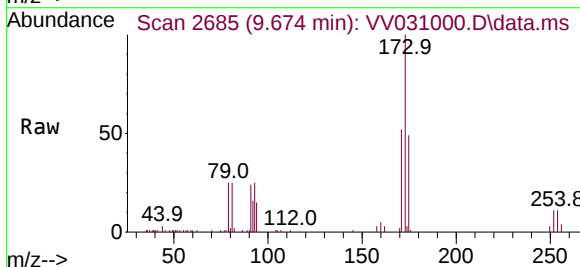
Instrument :
MSVOA_V
ClientSampleId :

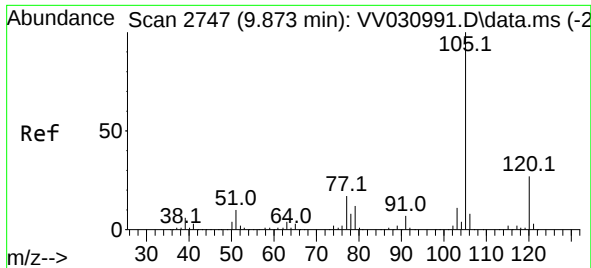
Tgt Ion: 83 Resp: 32324
Ion Ratio Lower Upper
83 100
85 62.9 45.2 84.0
131 12.2 8.3 12.5



#59
Bromoform
Concen: 5.668 ug/L
RT: 9.674 min Scan# 2685
Delta R.T. 0.000 min
Lab File: VV031000.D
Acq: 05 May 2023 17:32

Tgt Ion: 173 Resp: 22939
Ion Ratio Lower Upper
173 100
175 50.8 39.9 59.9
254 12.0 9.7 14.5

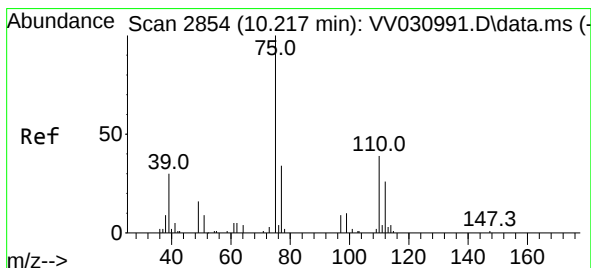
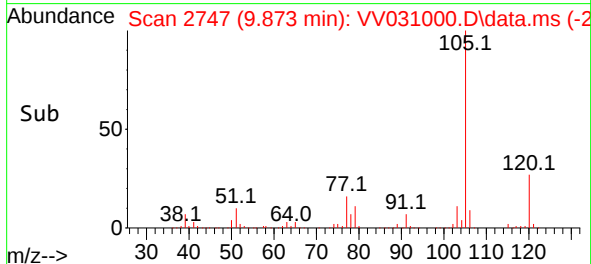
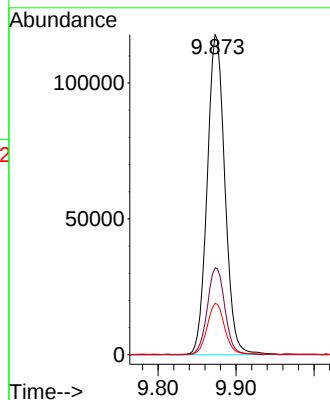
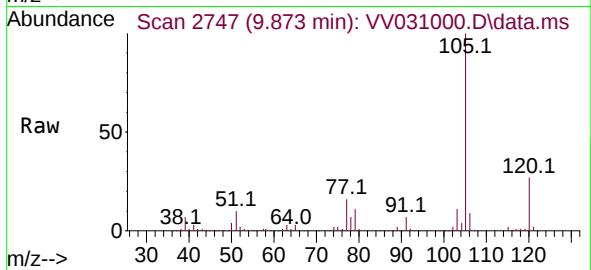




#60
Isopropylbenzene
Concen: 5.012 ug/L
RT: 9.873 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV031000.D
Acq: 05 May 2023 17:32

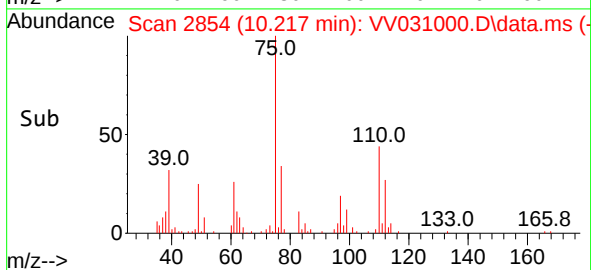
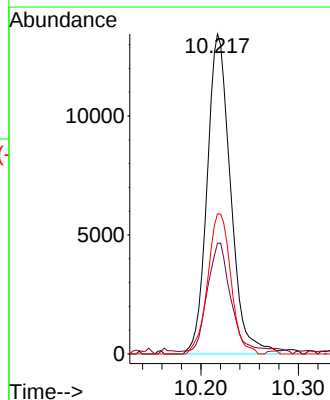
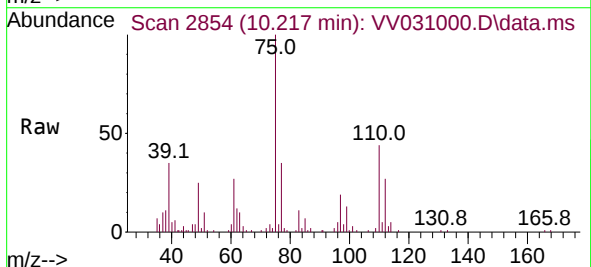
Instrument :
MSVOA_V
ClientSampleId :

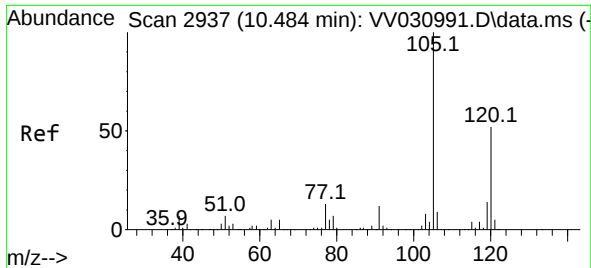
Tgt Ion:105 Resp: 185788
Ion Ratio Lower Upper
105 100
120 27.1 22.2 33.4
77 15.7 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 5.208 ug/L
RT: 10.217 min Scan# 2854
Delta R.T. 0.000 min
Lab File: VV031000.D
Acq: 05 May 2023 17:32

Tgt Ion: 75 Resp: 22496
Ion Ratio Lower Upper
75 100
77 33.2 25.3 37.9
110 43.2 34.0 51.0

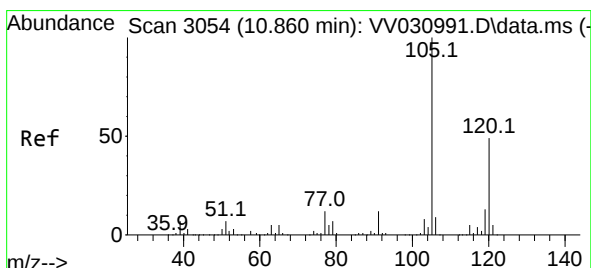
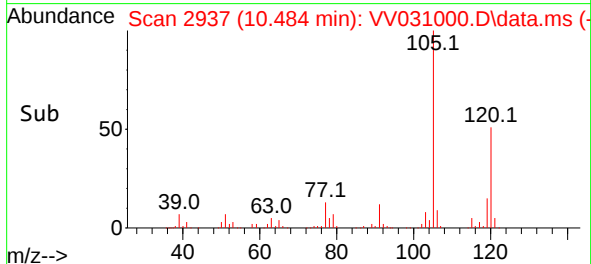
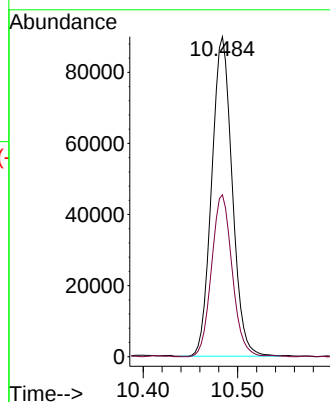
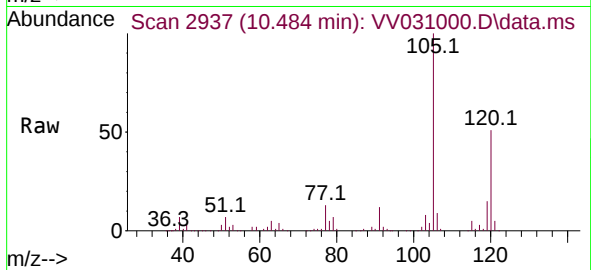




#62
1,3,5-Trimethylbenzene
Concen: 4.489 ug/L
RT: 10.484 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VV031000.D
Acq: 05 May 2023 17:32

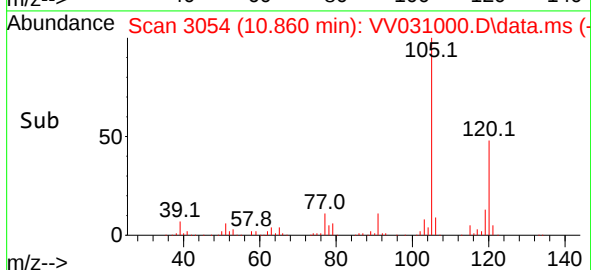
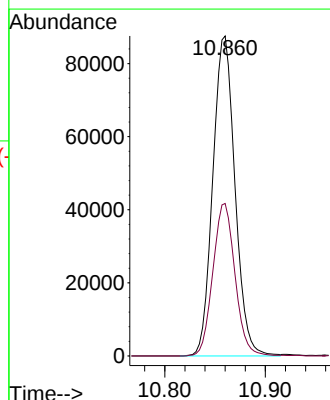
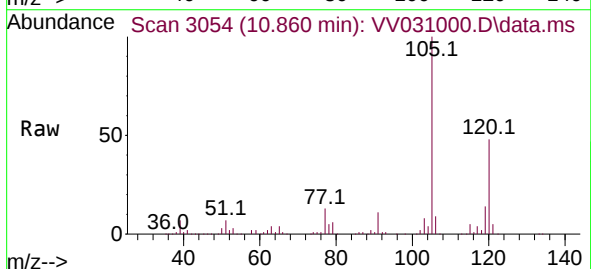
Instrument :
MSVOA_V
ClientSampleId :

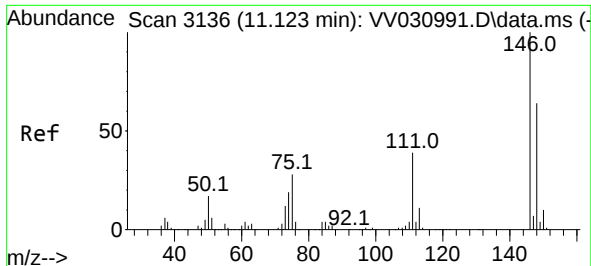
Tgt Ion:105 Resp: 135456
Ion Ratio Lower Upper
105 100
120 51.1 40.2 60.4



#63
1,2,4-Trimethylbenzene
Concen: 4.387 ug/L
RT: 10.860 min Scan# 3054
Delta R.T. 0.000 min
Lab File: VV031000.D
Acq: 05 May 2023 17:32

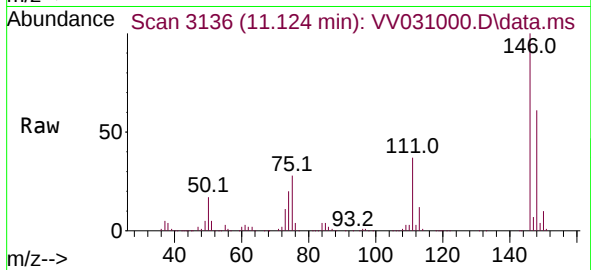
Tgt Ion:105 Resp: 134131
Ion Ratio Lower Upper
105 100
120 47.6 37.9 56.9



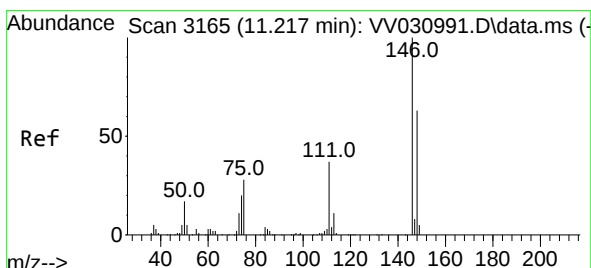
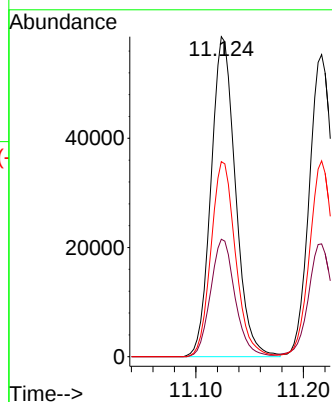
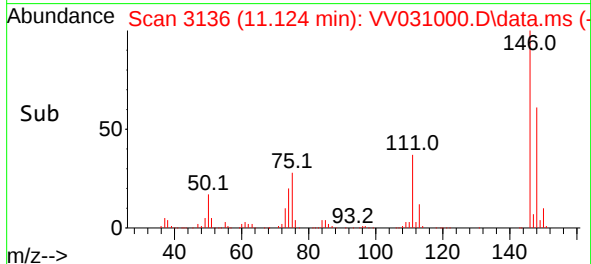


#64
1,3-Dichlorobenzene
Concen: 4.867 ug/L
RT: 11.124 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VV031000.D
Acq: 05 May 2023 17:32

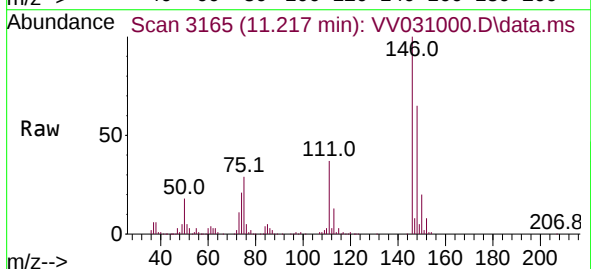
Instrument :
MSVOA_V
ClientSampleId :



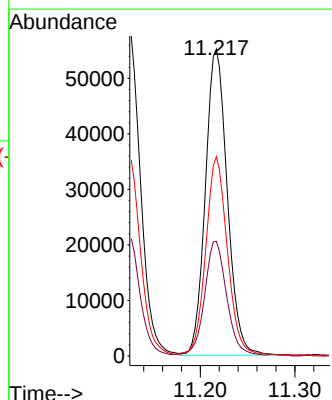
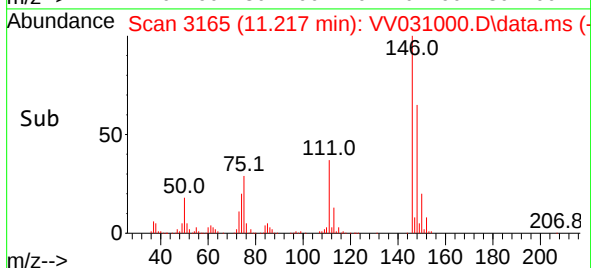
Tgt Ion:146 Resp: 92651
Ion Ratio Lower Upper
146 100
111 36.7 26.5 49.3
148 60.9 43.4 80.6

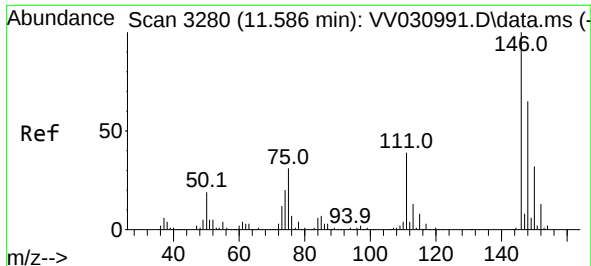


#65
1,4-Dichlorobenzene
Concen: 4.621 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. 0.000 min
Lab File: VV031000.D
Acq: 05 May 2023 17:32



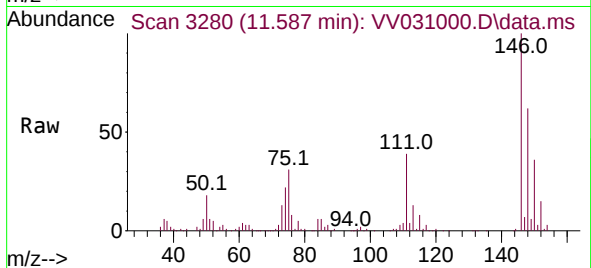
Tgt Ion:146 Resp: 88750
Ion Ratio Lower Upper
146 100
111 37.3 23.9 44.5
148 64.8 42.8 79.6



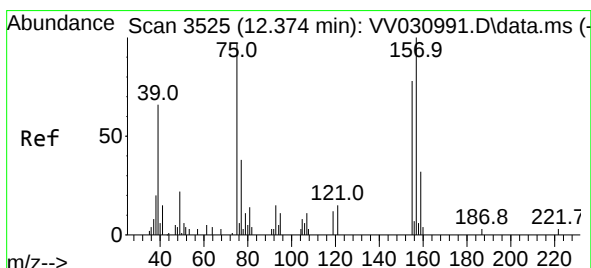
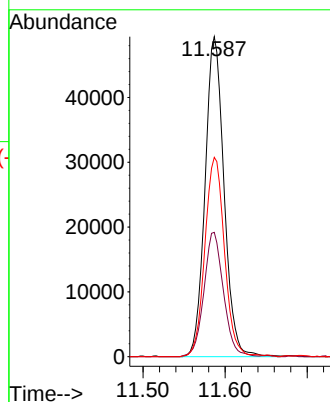
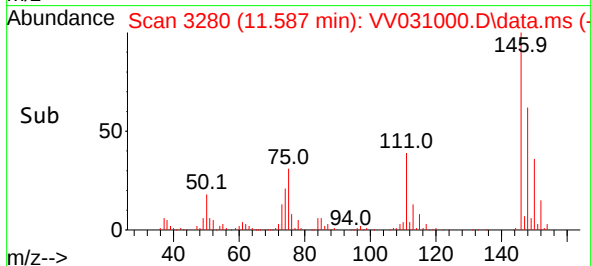


#67
1,2-Dichlorobenzene
Concen: 4.651 ug/L
RT: 11.587 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV031000.D
Acq: 05 May 2023 17:32

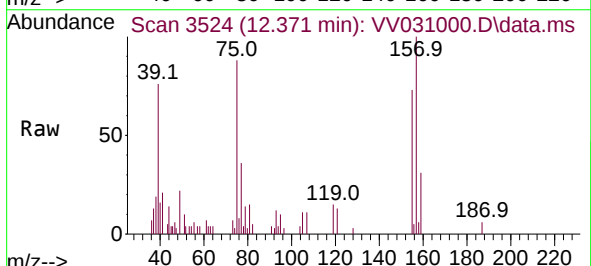
Instrument :
MSVOA_V
ClientSampleId :



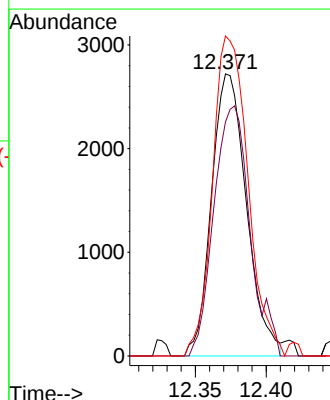
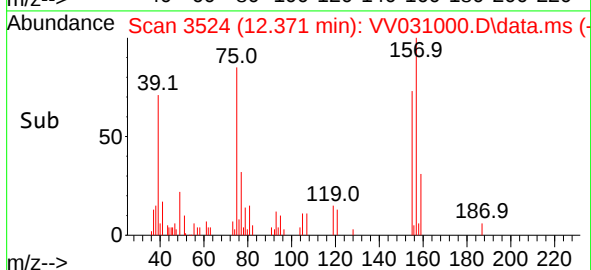
Tgt Ion:146 Resp: 79620
Ion Ratio Lower Upper
146 100
111 38.9 34.0 51.0
148 62.3 53.8 80.6

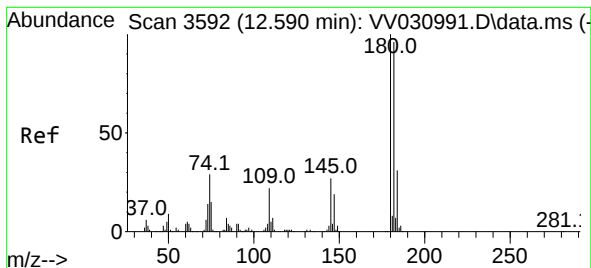


#68
1,2-Dibromo-3-chloropropane
Concen: 4.263 ug/L
RT: 12.371 min Scan# 3524
Delta R.T. -0.003 min
Lab File: VV031000.D
Acq: 05 May 2023 17:32



Tgt Ion: 75 Resp: 4673
Ion Ratio Lower Upper
75 100
155 83.0 56.2 84.4
157 113.5 83.1 124.7





#69

1,3,5-Trichlorobenzene

Concen: 3.827 ug/L

RT: 12.590 min Scan# 3592

Delta R.T. 0.000 min

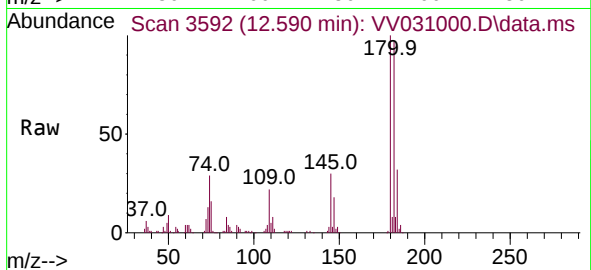
Lab File: VV031000.D

Acq: 05 May 2023 17:32

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 57687

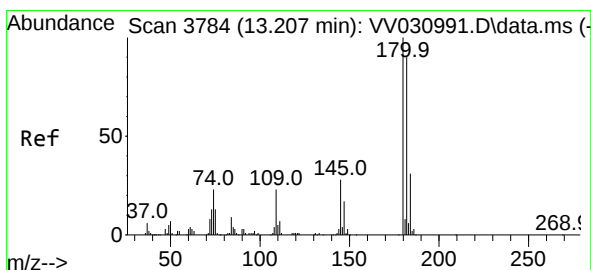
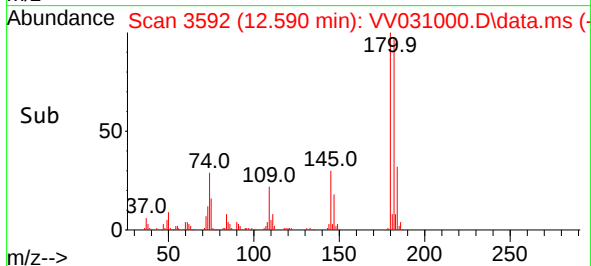
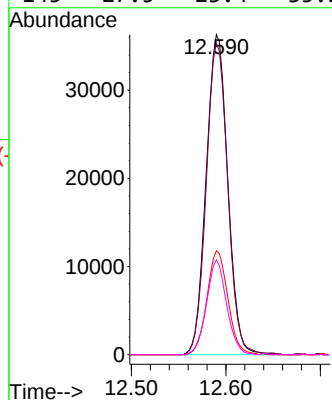
Ion Ratio Lower Upper

180 100

182 96.3 75.1 112.7

184 31.5 24.1 36.1

145 27.5 23.4 35.2



#70

1,2,4-trichlorobenzene

Concen: 3.354 ug/L

RT: 13.204 min Scan# 3783

Delta R.T. -0.003 min

Lab File: VV031000.D

Acq: 05 May 2023 17:32

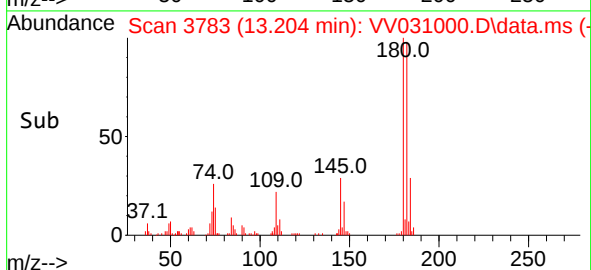
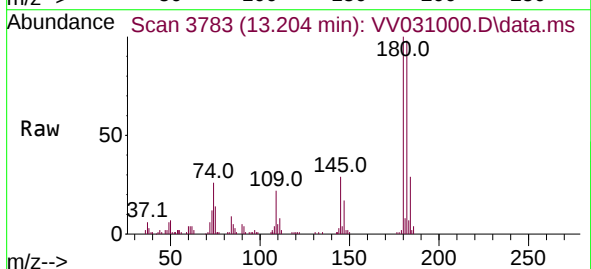
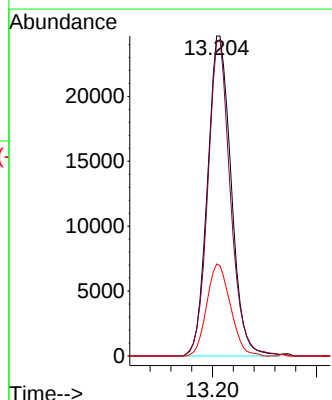
Tgt Ion:180 Resp: 38852

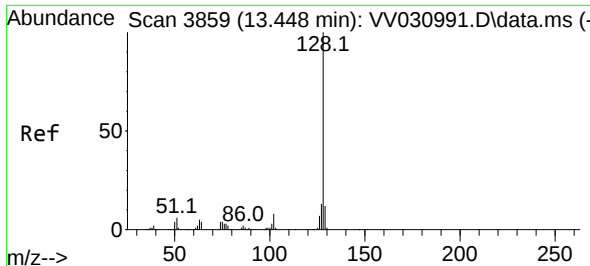
Ion Ratio Lower Upper

180 100

182 94.5 76.0 114.0

145 28.8 22.9 34.3

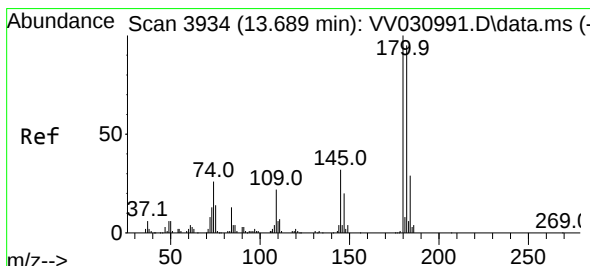
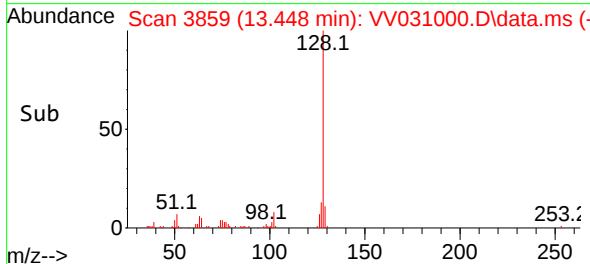
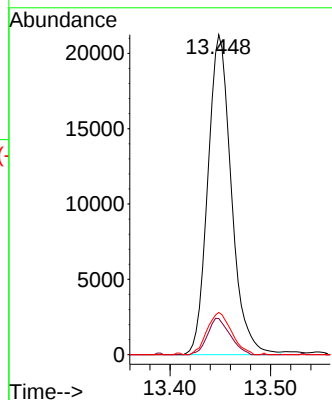
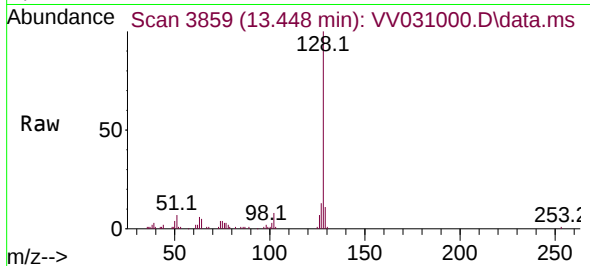




#71
Naphthalene
Concen: 2.080 ug/L
RT: 13.448 min Scan# 3859
Delta R.T. 0.000 min
Lab File: VV031000.D
Acq: 05 May 2023 17:32

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	13.0
127	13.7	10.6	16.0



#72
1,2,3-Trichlorobenzene
Concen: 3.110 ug/L
RT: 13.690 min Scan# 3934
Delta R.T. 0.000 min
Lab File: VV031000.D
Acq: 05 May 2023 17:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	77.3	115.9
145	33.0	24.7	37.1

