

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW053123\
 Data File : VW031311.D
 Acq On : 31 May 2023 21:03
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 01 02:02:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051923WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 01 01:56:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	298983	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	285282	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	155962	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	99915	39.103	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	78.200%		
7) Chloroethane-d5	1.532	69	91995	46.735	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	93.480%		
11) 1,1-Dichloroethene-d2	2.063	65	48161	40.194	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.380%		
21) 2-Butanone-d5	3.799	46	169285	124.336	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	124.340%		
24) Chloroform-d	4.256	84	204888	45.326	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.660%		
26) 1,2-Dichloroethane-d4	4.950	65	135814	44.463	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.920%		
32) Benzene-d6	4.969	84	364774	47.166	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.340%		
36) 1,2-Dichloropropane-d6	5.995	67	130755	56.506	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	113.020%		
41) Toluene-d8	7.249	98	343641	47.608	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.220%		
43) trans-1,3-Dichloroprop...	7.558	79	58943	50.771	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	101.540%		
47) 2-Hexanone-d5	8.034	63	112149	124.303	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	124.300%		
56) 1,1,2,2-Tetrachloroeth...	10.159	84	191730	55.242	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	110.480%		
66) 1,2-Dichlorobenzene-d4	11.567	152	125705	44.852	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.700%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	79175	41.019	ug/L	97
3) Chloromethane	1.217	50	90264	42.715	ug/L	99
5) Vinyl chloride	1.285	62	95817	50.765	ug/L	99
6) Bromomethane	1.491	94	58382	55.193	ug/L	97
8) Chloroethane	1.552	64	66617	54.772	ug/L	98
9) Trichlorofluoromethane	1.716	101	163485	44.037	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	94057	48.044	ug/L	92
12) 1,1-Dichloroethene	2.072	96	73744	44.403	ug/L	89
13) Acetone	2.124	43	116005	65.538	ug/L	92
14) Carbon disulfide	2.243	76	146896	48.536	ug/L	100
15) Methyl Acetate	2.378	43	131292	65.264	ug/L	94
16) Methylene chloride	2.452	84	98645	53.353	ug/L	95
17) trans-1,2-Dichloroethene	2.699	96	73677	47.982	ug/L	88
18) Methyl tert-butyl Ether	2.709	73	317551	53.534	ug/L	93
19) 1,1-Dichloroethane	3.117	63	193701	55.352	ug/L	98
20) cis-1,2-Dichloroethene	3.825	96	93341	49.310	ug/L	88
22) 2-Butanone	3.879	43	173930	102.469	ug/L	91
23) Bromochloromethane	4.156	128	49987	48.055	ug/L #	77
25) Chloroform	4.285	83	205158	52.481	ug/L	97

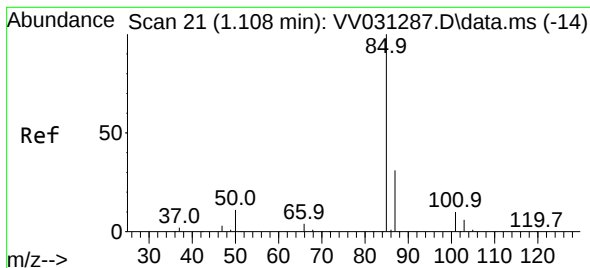
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV053123\
 Data File : VV031311.D
 Acq On : 31 May 2023 21:03
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 01 02:02:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051923WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 01 01:56:05 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	159635	48.130	ug/L	100
29) Cyclohexane	4.590	56	122177	54.425	ug/L	86
30) 1,1,1-Trichloroethane	4.519	97	169988	48.558	ug/L	97
31) Carbon tetrachloride	4.744	117	141403	46.365	ug/L	99
33) Benzene	5.018	78	366154	53.574	ug/L	100
34) Trichloroethene	5.841	95	101688	55.528	ug/L	92
35) Methylcyclohexane	6.059	83	123821	50.954	ug/L	91
38) Bromodichloromethane	6.439	83	156494	53.666	ug/L	97
39) cis-1,3-Dichloropropene	6.960	75	167184	57.635	ug/L	100
40) 4-Methyl-2-pentanone	7.166	43	378501	130.758	ug/L #	97
42) Toluene	7.323	91	395004	53.419	ug/L	96
44) trans-1,3-Dichloropropene	7.587	75	165077	56.255	ug/L	98
45) 1,1,2-Trichloroethane	7.776	97	114409	55.735	ug/L	98
46) Tetrachloroethene	7.911	164	67734	43.074	ug/L	93
48) 2-Hexanone	8.082	43	287332	119.177	ug/L	97
49) Dibromochloromethane	8.182	129	116699	50.388	ug/L	94
50) 1,2-Dibromoethane	8.288	107	113202	55.468	ug/L #	98
51) Chlorobenzene	8.821	112	253525	48.171	ug/L	93
52) Ethylbenzene	8.953	91	441988	52.207	ug/L	97
53) m,p-Xylene	9.079	106	157539	47.971	ug/L	87
54) o-Xylene	9.487	106	154907	47.815	ug/L	90
55) Styrene	9.503	104	291056	50.797	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.185	83	191250	56.704	ug/L	99
59) Bromoform	9.673	173	86302	47.722	ug/L	99
60) Isopropylbenzene	9.873	105	439849	52.733	ug/L	96
61) 1,2,3-Trichloropropane	10.217	75	158068	65.881	ug/L	97
62) 1,3,5-Trimethylbenzene	10.484	105	358204	52.245	ug/L	92
63) 1,2,4-Trimethylbenzene	10.860	105	362138	54.020	ug/L	93
64) 1,3-Dichlorobenzene	11.124	146	209129	48.932	ug/L	97
65) 1,4-Dichlorobenzene	11.217	146	218832	49.217	ug/L	95
67) 1,2-Dichlorobenzene	11.587	146	211762	48.831	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.371	75	42607	57.850	ug/L #	82
69) 1,3,5-Trichlorobenzene	12.590	180	146548	44.356	ug/L	97
70) 1,2,4-trichlorobenzene	13.207	180	126743	45.077	ug/L	98
71) Naphthalene	13.448	128	382811	52.415	ug/L	100
72) 1,2,3-Trichlorobenzene	13.689	180	136580	48.610	ug/L	97

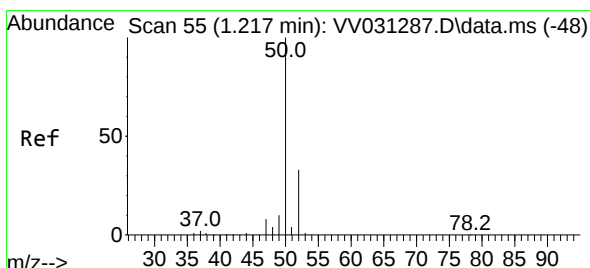
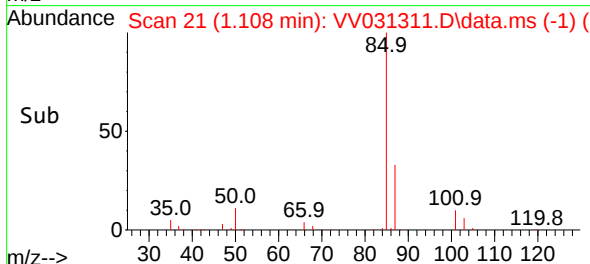
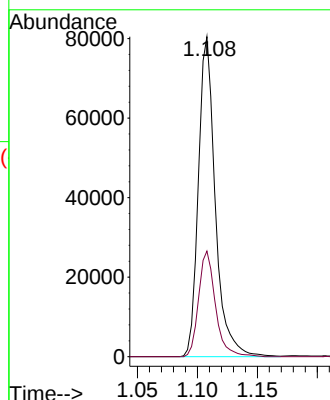
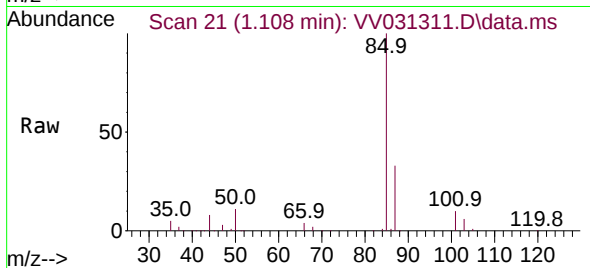
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 41.019 ug/L
RT: 1.108 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV031311.D
Acq: 31 May 2023 21:03

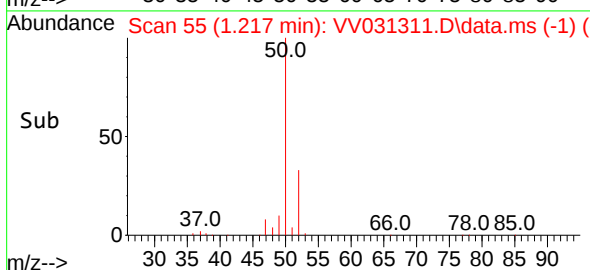
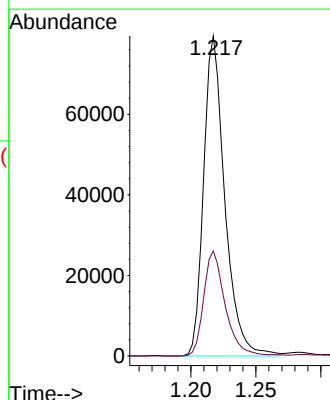
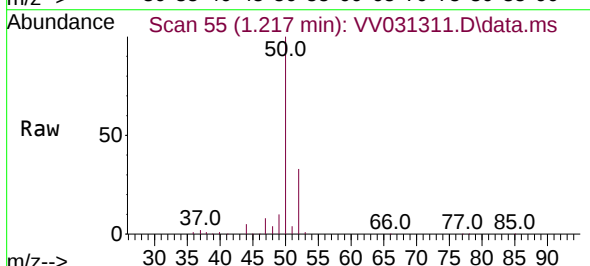
Instrument :
MSVOA_V
ClientSampleId :

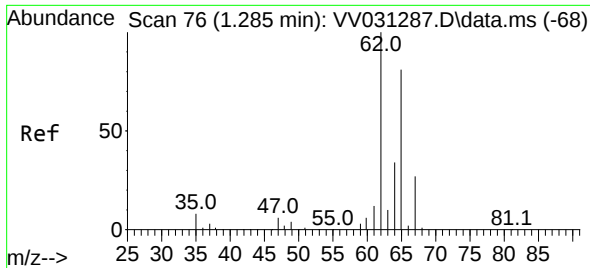
Tgt Ion: 85 Resp: 79175
Ion Ratio Lower Upper
85 100
87 32.9 25.2 37.8



#3
Chloromethane
Concen: 42.715 ug/L
RT: 1.217 min Scan# 55
Delta R.T. -0.000 min
Lab File: VV031311.D
Acq: 31 May 2023 21:03

Tgt Ion: 50 Resp: 90264
Ion Ratio Lower Upper
50 100
52 32.8 23.3 43.3

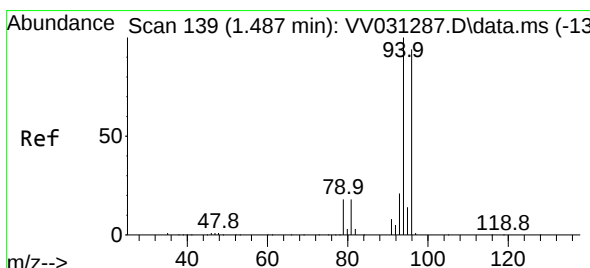
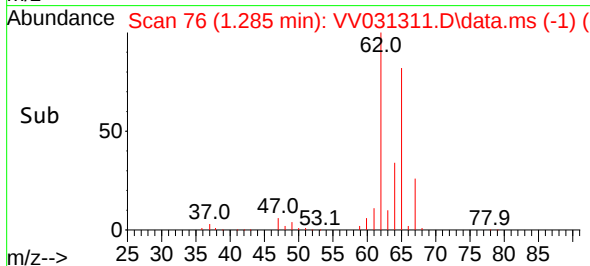
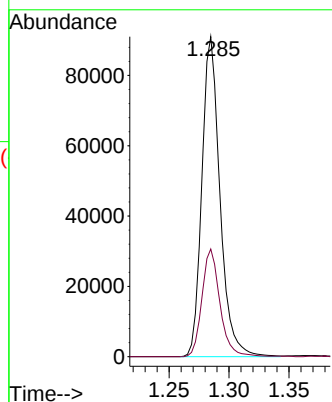
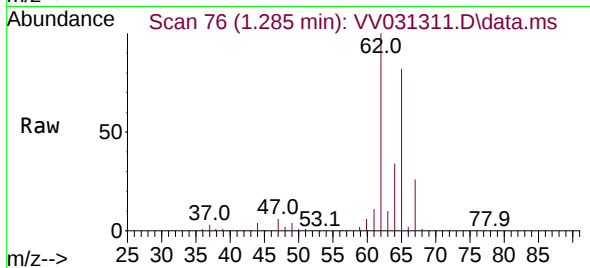




#5
 Vinyl chloride
 Concen: 50.765 ug/L
 RT: 1.285 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: VV031311.D
 Acq: 31 May 2023 21:03

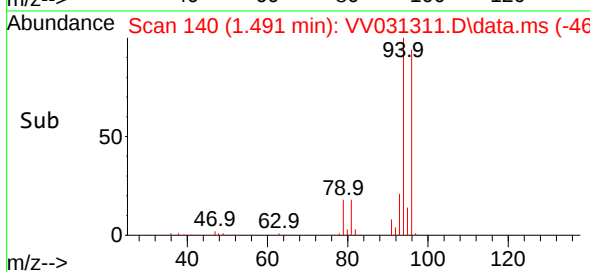
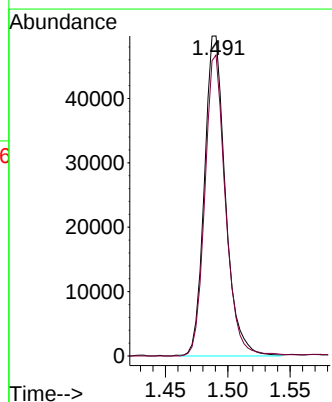
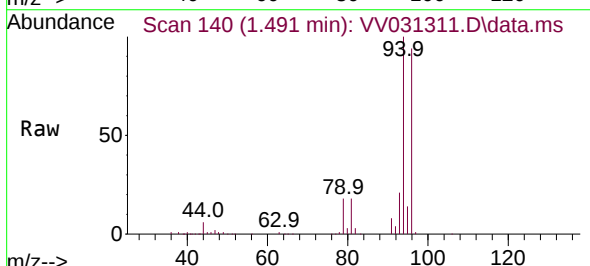
Instrument :
 MSVOA_V
 ClientSampleId :

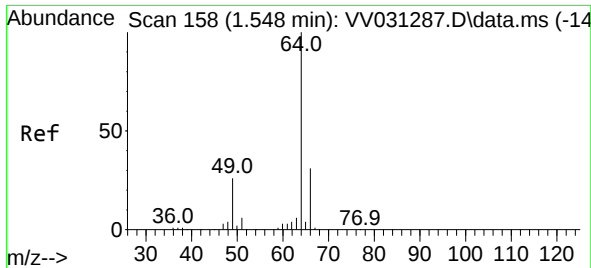
Tgt Ion: 62 Resp: 95817
 Ion Ratio Lower Upper
 62 100
 64 33.7 23.1 42.9



#6
 Bromomethane
 Concen: 55.193 ug/L
 RT: 1.491 min Scan# 140
 Delta R.T. 0.003 min
 Lab File: VV031311.D
 Acq: 31 May 2023 21:03

Tgt Ion: 94 Resp: 58382
 Ion Ratio Lower Upper
 94 100
 96 94.1 63.9 118.7





#8

Chloroethane

Concen: 54.772 ug/L

RT: 1.552 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV031311.D

Acq: 31 May 2023 21:03

Instrument :

MSVOA_V

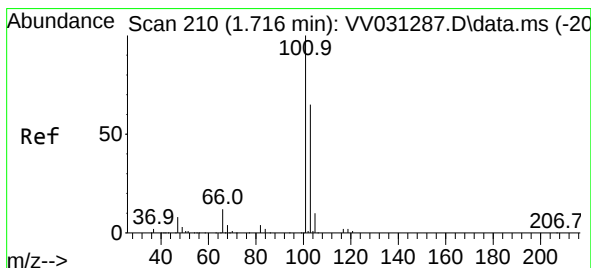
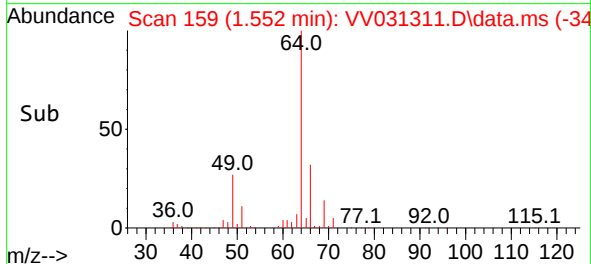
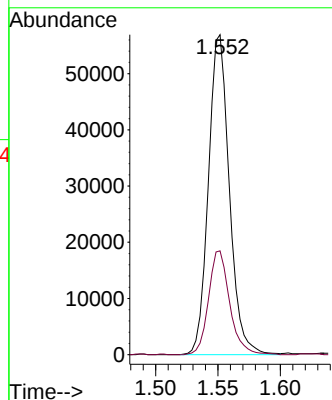
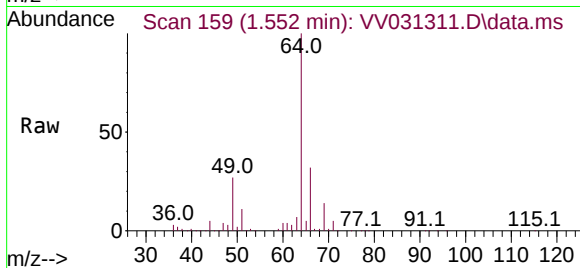
ClientSampleId :

Tgt Ion: 64 Resp: 66617

Ion Ratio Lower Upper

64 100

66 32.5 22.1 41.1



#9

Trichlorofluoromethane

Concen: 44.037 ug/L

RT: 1.716 min Scan# 210

Delta R.T. -0.000 min

Lab File: VV031311.D

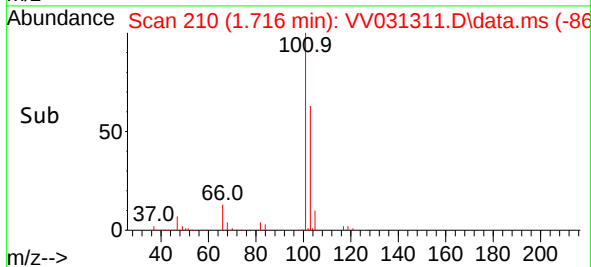
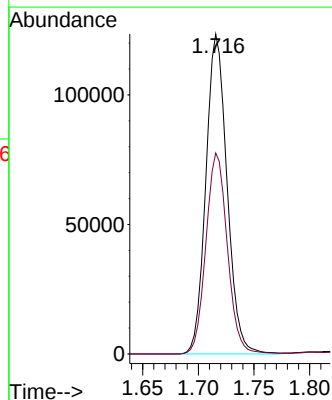
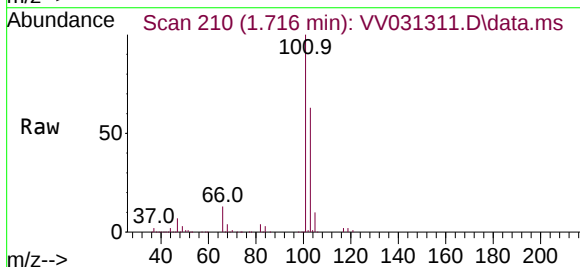
Acq: 31 May 2023 21:03

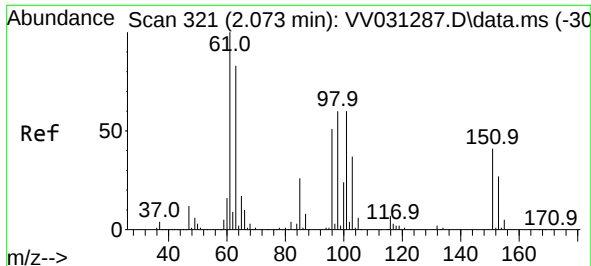
Tgt Ion: 101 Resp: 163485

Ion Ratio Lower Upper

101 100

103 63.6 51.4 77.2





#10

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

Concen: 48.044 ug/L

RT: 2.072 min Scan# 321

Delta R.T. -0.000 min

Lab File: VV031311.D

Acq: 31 May 2023 21:03

Instrument :

MSVOA_V

ClientSampleId :

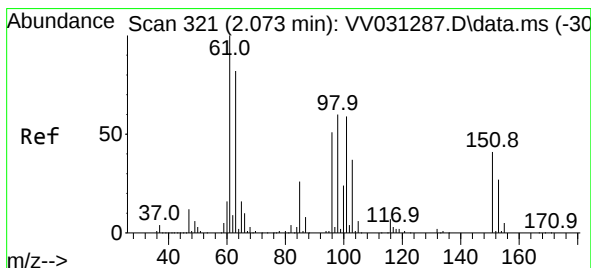
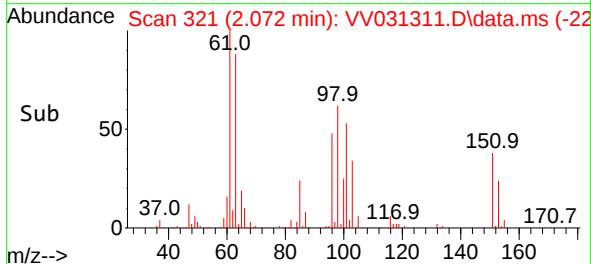
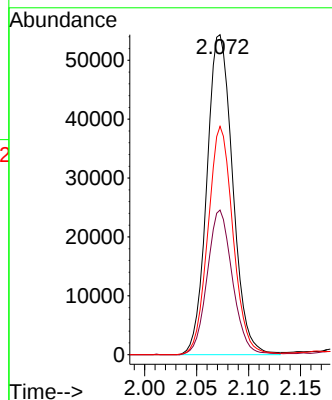
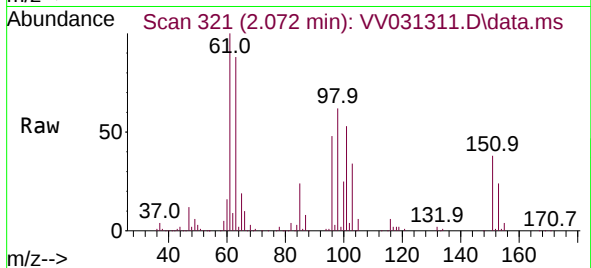
Tgt Ion:101 Resp: 94057

Ion Ratio Lower Upper

101 100

85 44.0 38.0 57.0

151 69.2 61.7 92.5



#12

1,1-Dichloroethene

Concen: 44.403 ug/L

RT: 2.072 min Scan# 321

Delta R.T. -0.000 min

Lab File: VV031311.D

Acq: 31 May 2023 21:03

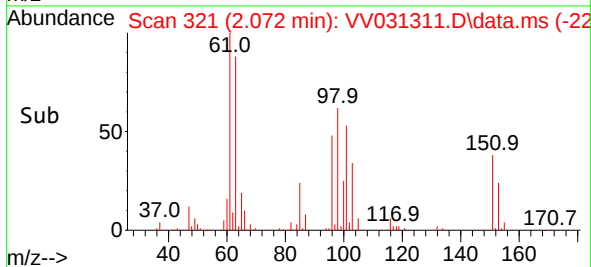
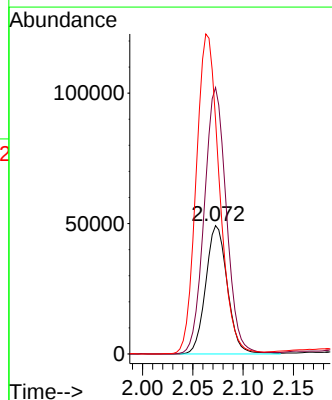
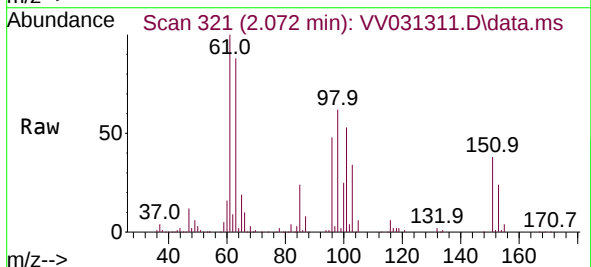
Tgt Ion: 96 Resp: 73744

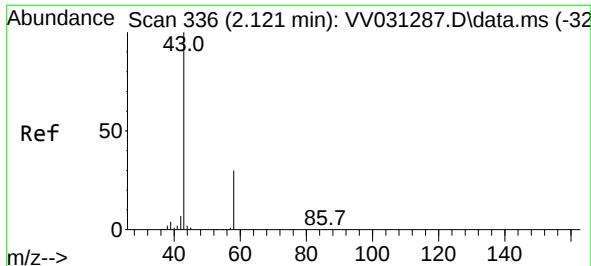
Ion Ratio Lower Upper

96 100

61 207.7 137.9 256.1

63 182.6 114.2 212.0





#13

Acetone

Concen: 65.538 ug/L

RT: 2.124 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV031311.D

Acq: 31 May 2023 21:03

Instrument :

MSVOA_V

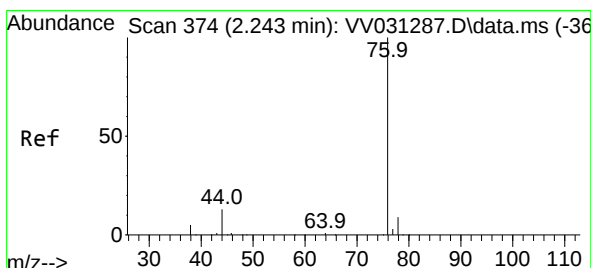
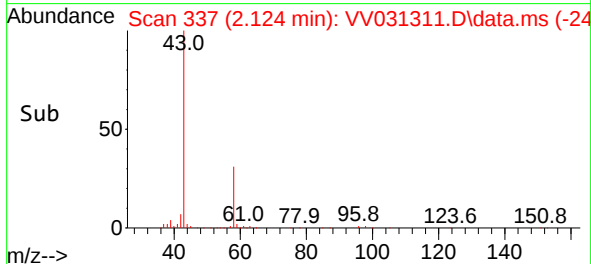
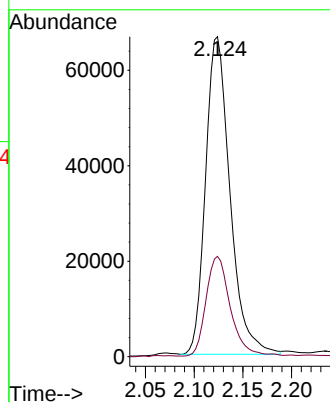
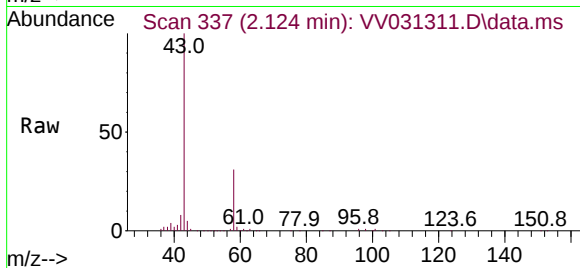
ClientSampleId :

Tgt Ion: 43 Resp: 116005

Ion Ratio Lower Upper

43 100

58 30.9 0.0 54.0



#14

Carbon disulfide

Concen: 48.536 ug/L

RT: 2.243 min Scan# 374

Delta R.T. -0.000 min

Lab File: VV031311.D

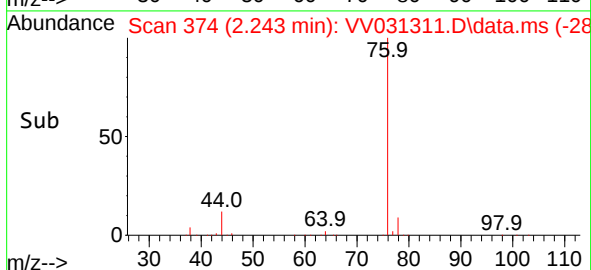
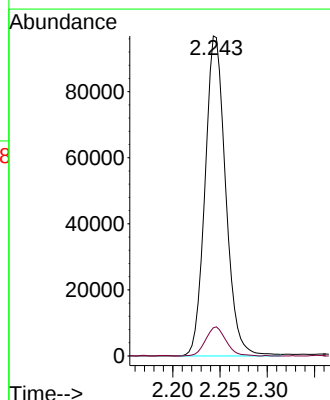
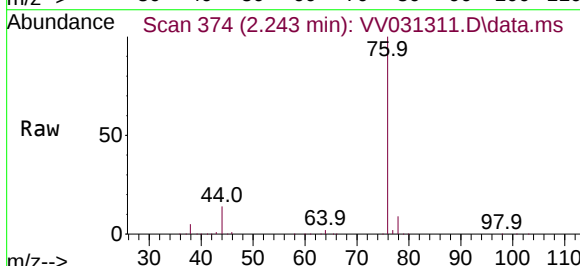
Acq: 31 May 2023 21:03

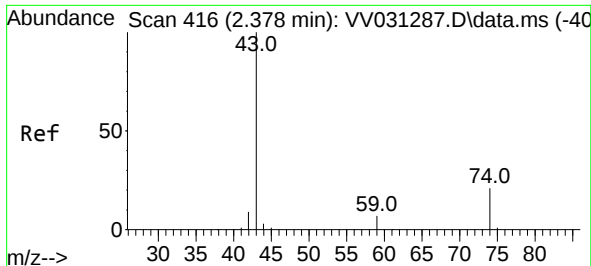
Tgt Ion: 76 Resp: 146896

Ion Ratio Lower Upper

76 100

78 8.8 7.0 10.4

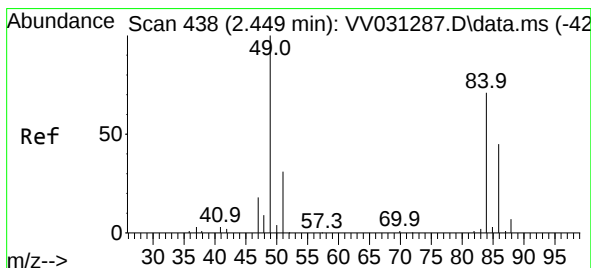
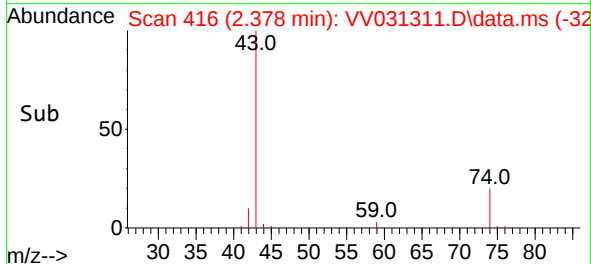
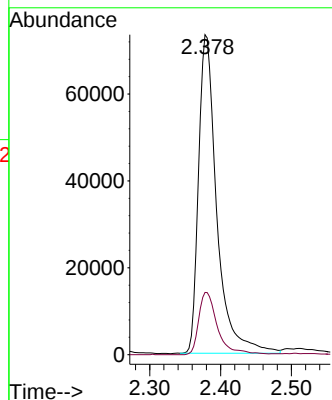
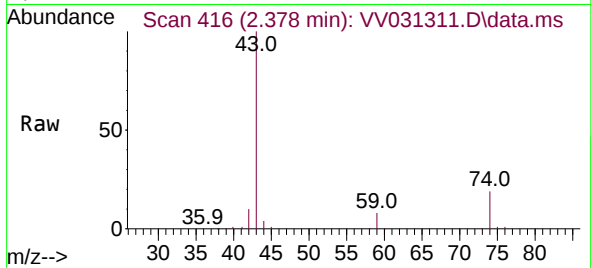




#15
Methyl Acetate
Concen: 65.264 ug/L
RT: 2.378 min Scan# 416
Delta R.T. -0.000 min
Lab File: VV031311.D
Acq: 31 May 2023 21:03

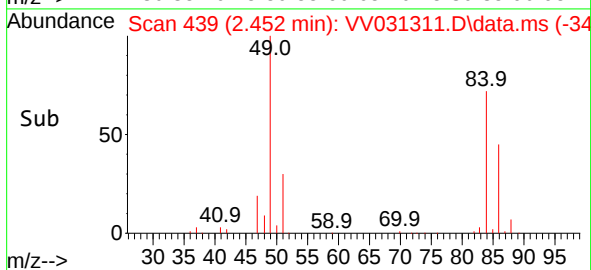
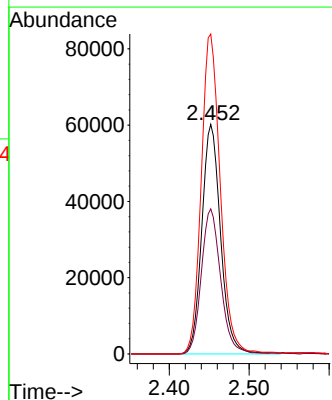
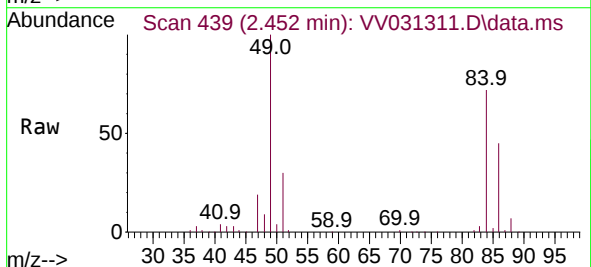
Instrument :
MSVOA_V
ClientSampleId :

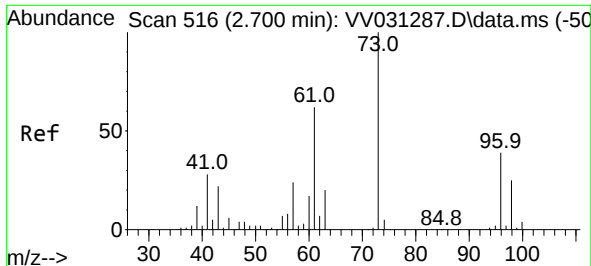
Tgt Ion: 43 Resp: 131292
Ion Ratio Lower Upper
43 100
74 19.9 18.1 27.1



#16
Methylene chloride
Concen: 53.353 ug/L
RT: 2.452 min Scan# 439
Delta R.T. 0.003 min
Lab File: VV031311.D
Acq: 31 May 2023 21:03

Tgt Ion: 84 Resp: 98645
Ion Ratio Lower Upper
84 100
86 63.2 43.3 80.3
49 139.4 92.6 172.0





#17

trans-1,2-Dichloroethene

Concen: 47.982 ug/L

RT: 2.699 min Scan# 516

Delta R.T. -0.000 min

Lab File: VV031311.D

Acq: 31 May 2023 21:03

Instrument :

MSVOA_V

ClientSampleId :

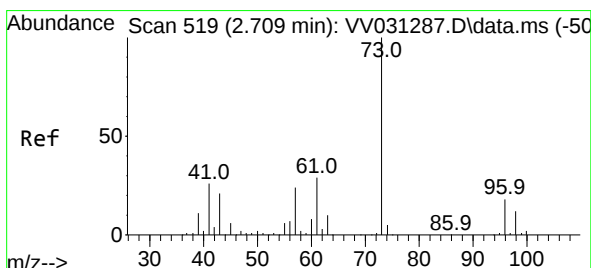
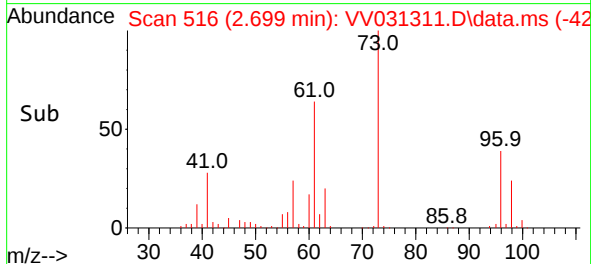
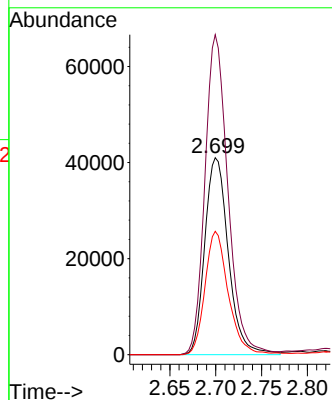
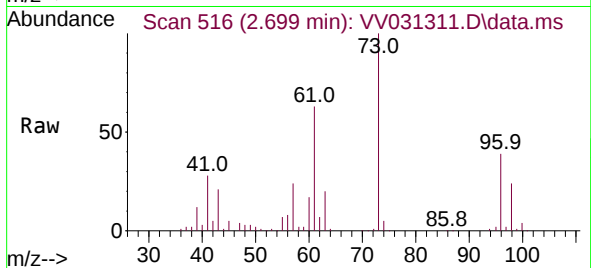
Tgt Ion: 96 Resp: 73677

Ion Ratio Lower Upper

96 100

61 162.5 100.0 185.6

98 62.6 45.4 84.2



#18

Methyl tert-butyl Ether

Concen: 53.534 ug/L

RT: 2.709 min Scan# 519

Delta R.T. -0.000 min

Lab File: VV031311.D

Acq: 31 May 2023 21:03

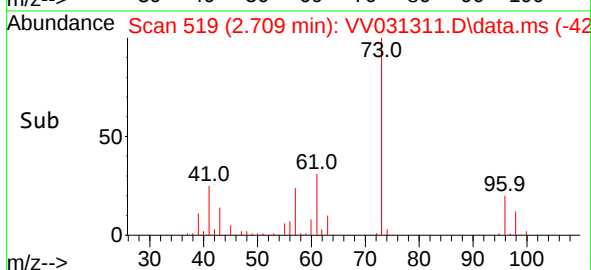
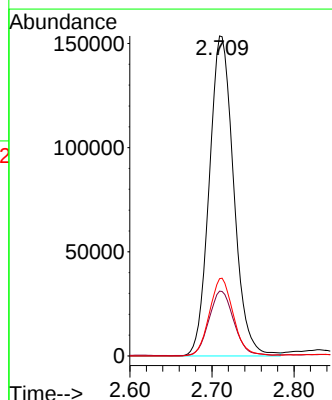
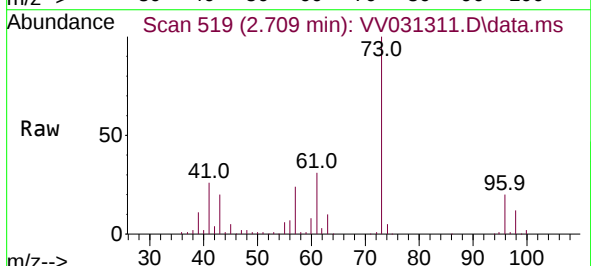
Tgt Ion: 73 Resp: 317551

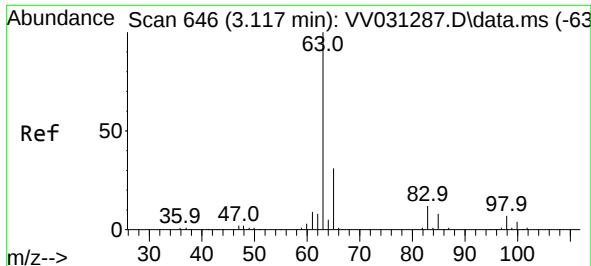
Ion Ratio Lower Upper

73 100

43 20.5 19.4 29.2

57 23.8 17.1 25.7





#19

1,1-Dichloroethane

Concen: 55.352 ug/L

RT: 3.117 min Scan# 64

Delta R.T. -0.000 min

Lab File: VV031311.D

Acq: 31 May 2023 21:03

Instrument :

MSVOA_V

ClientSampleId :

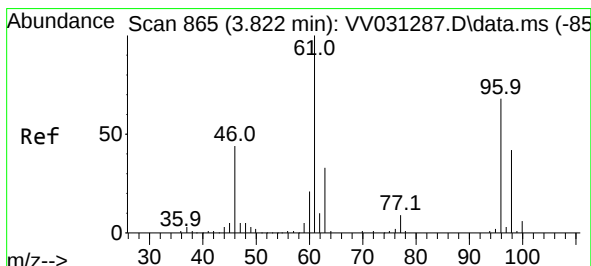
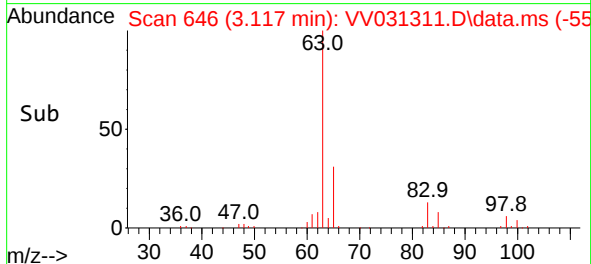
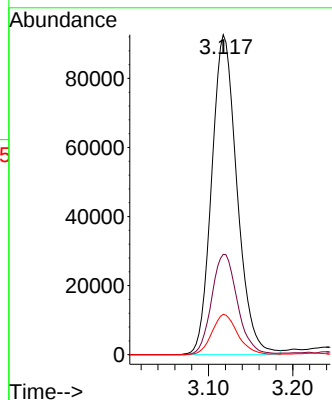
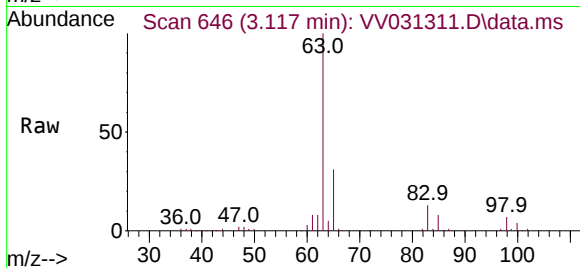
Tgt Ion: 63 Resp: 193701

Ion Ratio Lower Upper

63 100

65 31.3 21.9 40.7

83 12.6 10.4 19.2



#20

cis-1,2-Dichloroethene

Concen: 49.310 ug/L

RT: 3.825 min Scan# 866

Delta R.T. 0.003 min

Lab File: VV031311.D

Acq: 31 May 2023 21:03

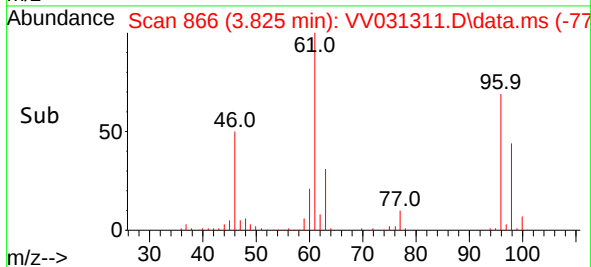
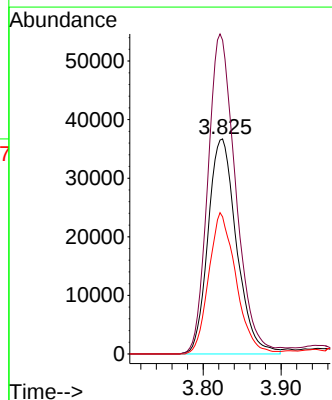
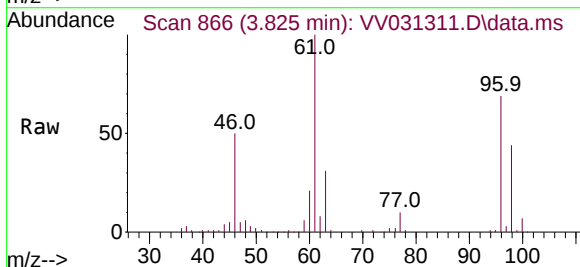
Tgt Ion: 96 Resp: 93341

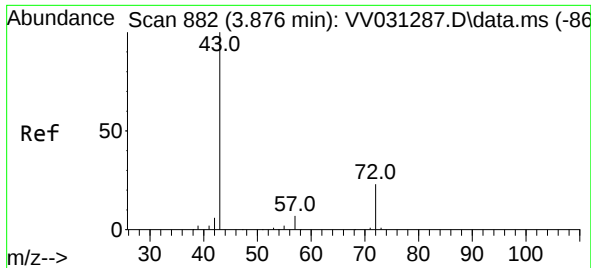
Ion Ratio Lower Upper

96 100

61 145.9 89.2 165.6

98 63.8 43.0 80.0

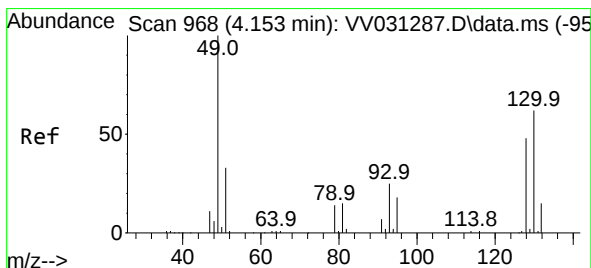
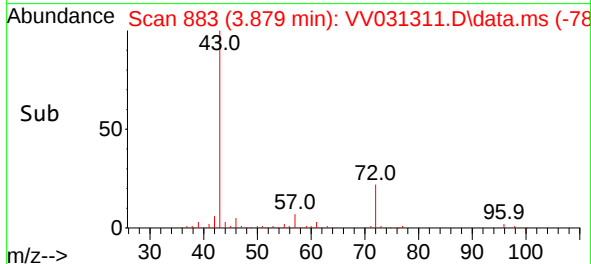
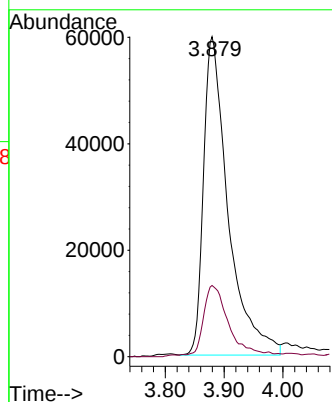
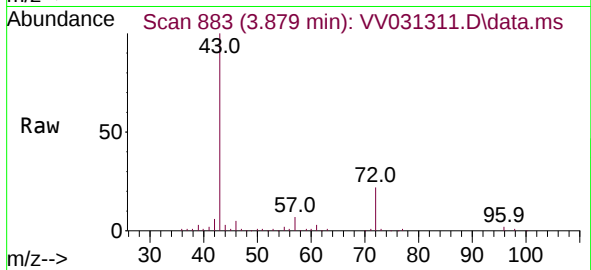




#22
2-Butanone
Concen: 102.469 ug/L
RT: 3.879 min Scan# 882
Delta R.T. 0.003 min
Lab File: VV031311.D
Acq: 31 May 2023 21:03

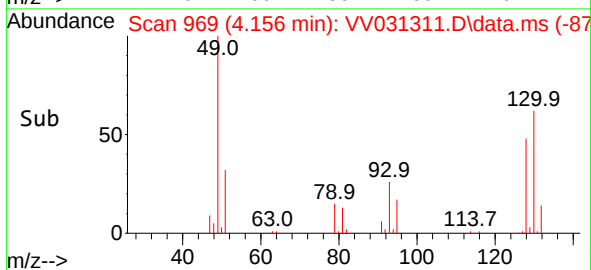
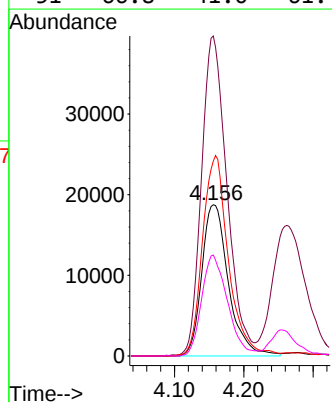
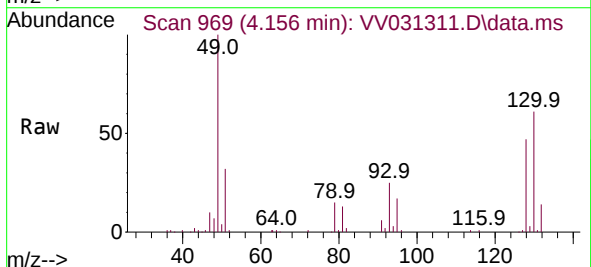
Instrument :
MSVOA_V
ClientSampleId :

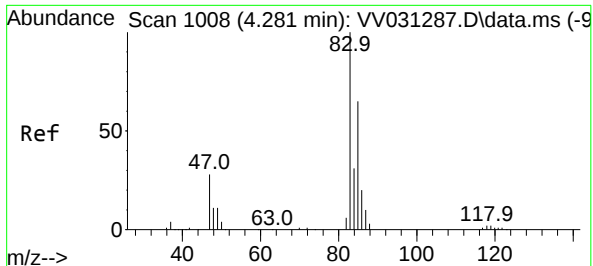
Tgt Ion: 43 Resp: 173930
Ion Ratio Lower Upper
43 100
72 19.3 11.9 35.7



#23
Bromochloromethane
Concen: 48.055 ug/L
RT: 4.156 min Scan# 969
Delta R.T. 0.003 min
Lab File: VV031311.D
Acq: 31 May 2023 21:03

Tgt Ion:128 Resp: 49987
Ion Ratio Lower Upper
128 100
49 211.6 113.2 210.2#
130 128.9 87.5 162.5
51 66.8 41.0 61.4#





#25

Chloroform

Concen: 52.481 ug/L

RT: 4.285 min Scan# 1008

Delta R.T. 0.003 min

Lab File: VV031311.D

Acq: 31 May 2023 21:03

Instrument :

MSVOA_V

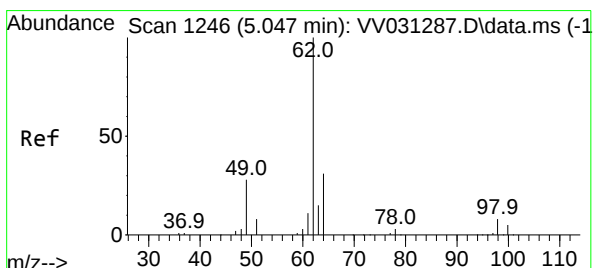
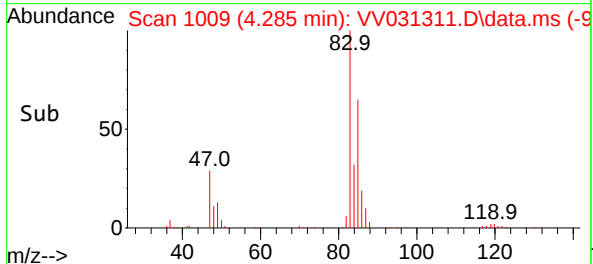
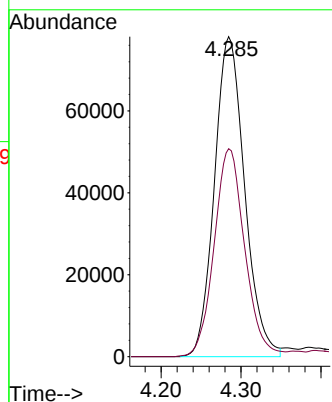
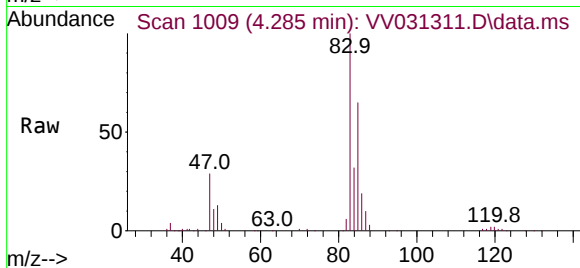
ClientSampleId :

Tgt Ion: 83 Resp: 205158

Ion Ratio Lower Upper

83 100

85 65.0 47.3 87.9



#27

1,2-Dichloroethane

Concen: 48.130 ug/L

RT: 5.050 min Scan# 1247

Delta R.T. 0.003 min

Lab File: VV031311.D

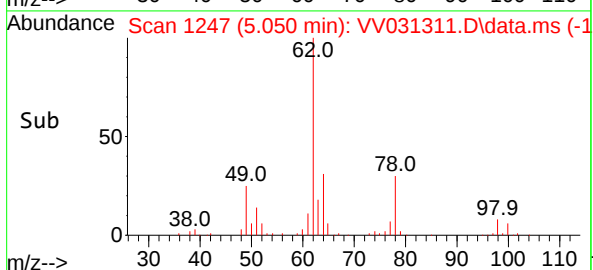
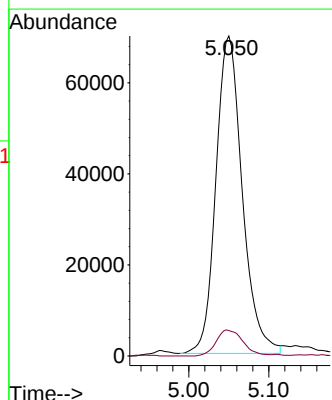
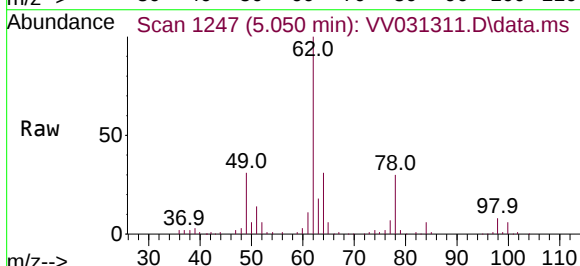
Acq: 31 May 2023 21:03

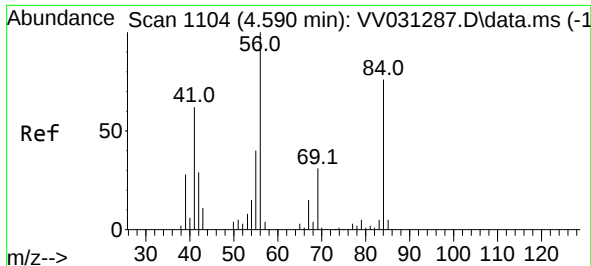
Tgt Ion: 62 Resp: 159635

Ion Ratio Lower Upper

62 100

98 8.0 6.3 9.5





#29

Cyclohexane

Concen: 54.425 ug/L

RT: 4.590 min Scan# 1104

Delta R.T. -0.000 min

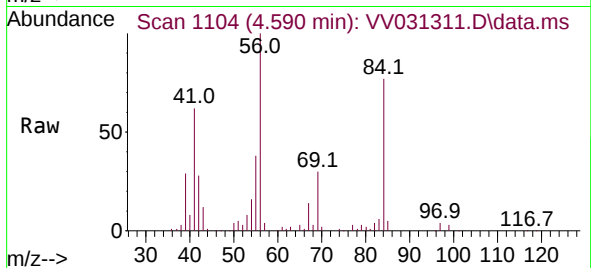
Lab File: VV031311.D

Acq: 31 May 2023 21:03

Instrument :

MSVOA_V

ClientSampleId :



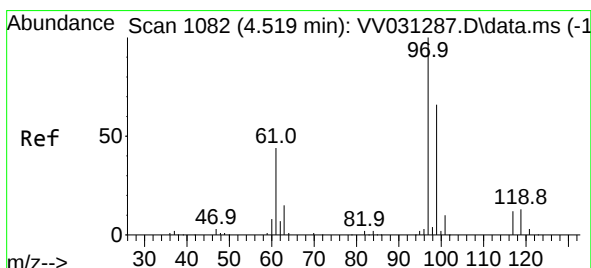
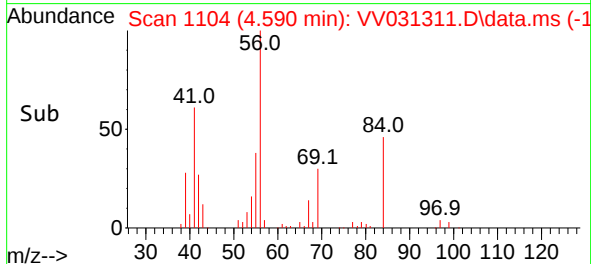
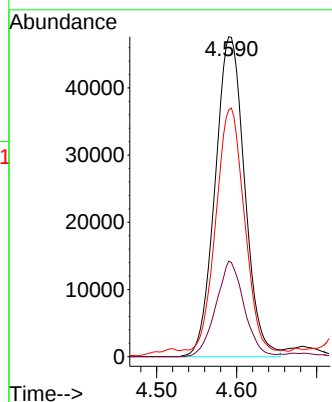
Tgt Ion: 56 Resp: 122177

Ion Ratio Lower Upper

56 100

69 28.5 25.1 37.7

84 72.9 71.5 107.3



#30

1,1,1-Trichloroethane

Concen: 48.558 ug/L

RT: 4.519 min Scan# 1082

Delta R.T. -0.000 min

Lab File: VV031311.D

Acq: 31 May 2023 21:03

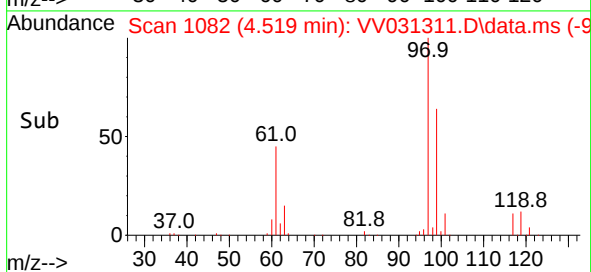
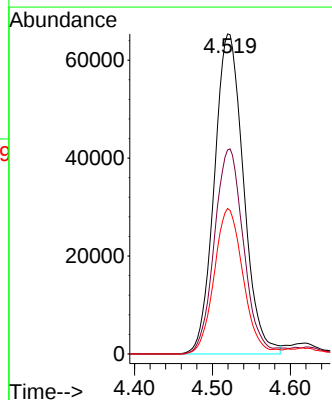
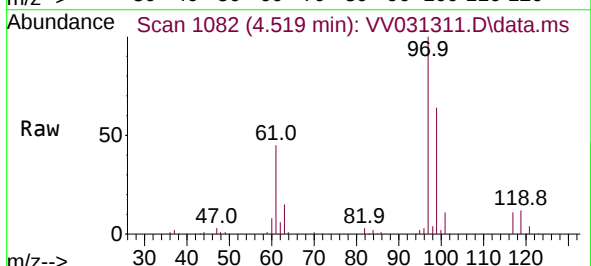
Tgt Ion: 97 Resp: 169988

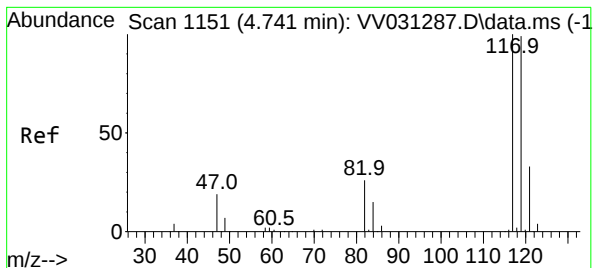
Ion Ratio Lower Upper

97 100

99 63.8 51.9 77.9

61 44.7 38.2 57.2





#31

Carbon tetrachloride

Concen: 46.365 ug/L

RT: 4.744 min Scan# 1151

Delta R.T. 0.003 min

Lab File: VV031311.D

Acq: 31 May 2023 21:03

Instrument :

MSVOA_V

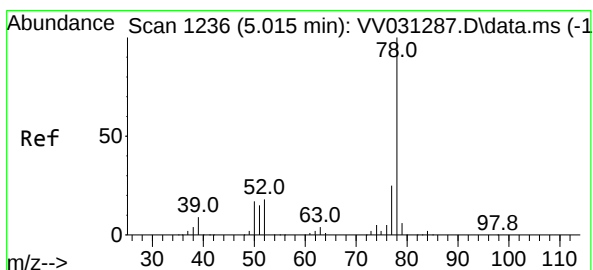
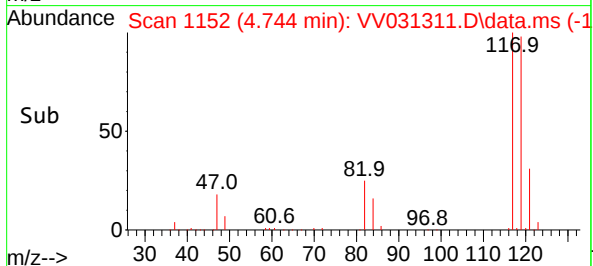
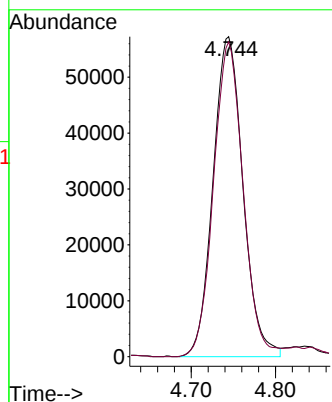
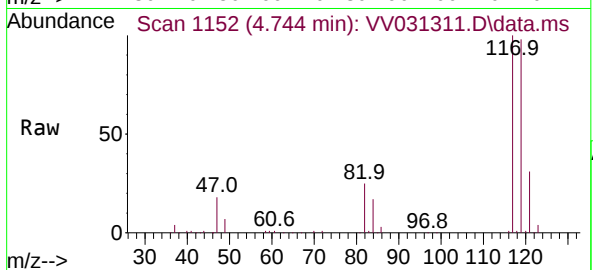
ClientSampleId :

Tgt Ion:117 Resp: 141403

Ion Ratio Lower Upper

117 100

119 97.1 76.9 115.3



#33

Benzene

Concen: 53.574 ug/L

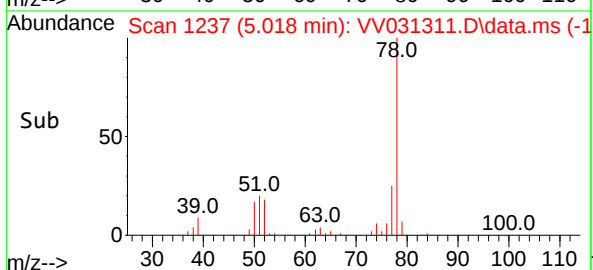
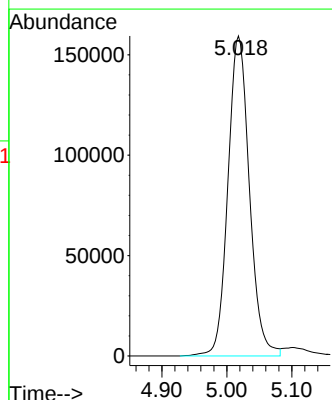
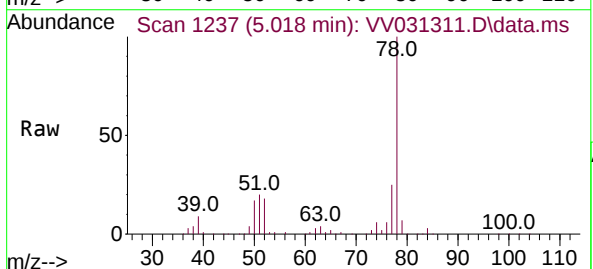
RT: 5.018 min Scan# 1237

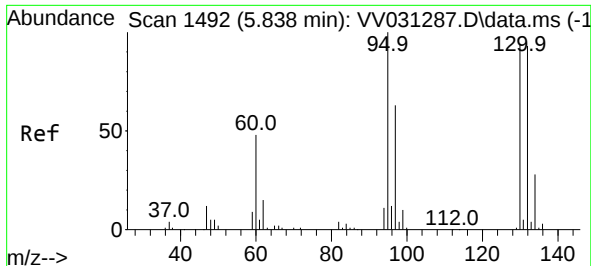
Delta R.T. 0.003 min

Lab File: VV031311.D

Acq: 31 May 2023 21:03

Tgt Ion: 78 Resp: 366154

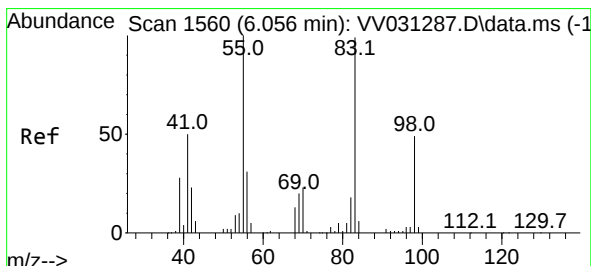
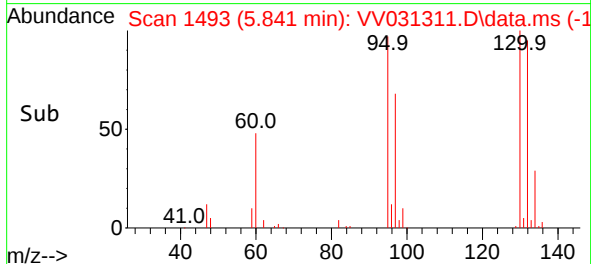
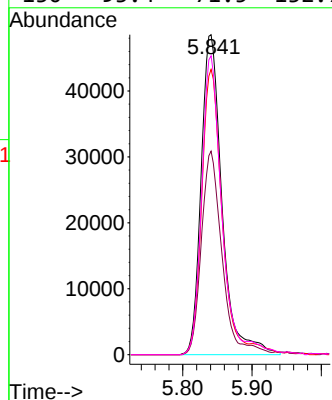
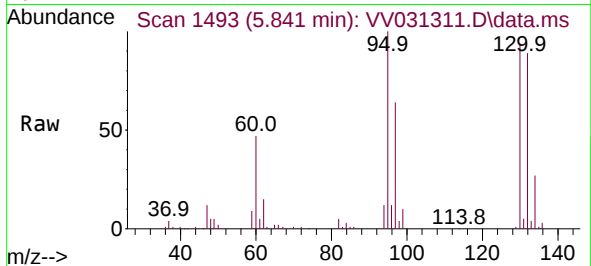




#34
Trichloroethene
Concen: 55.528 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. 0.003 min
Lab File: VV031311.D
Acq: 31 May 2023 21:03

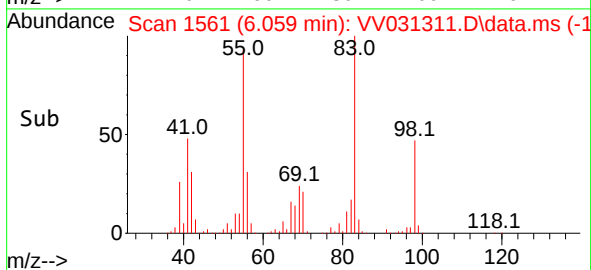
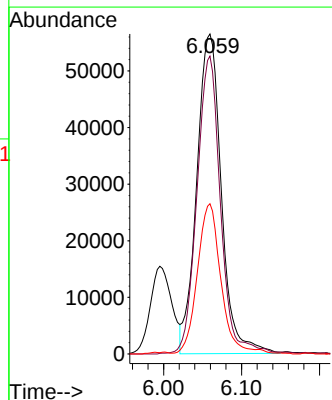
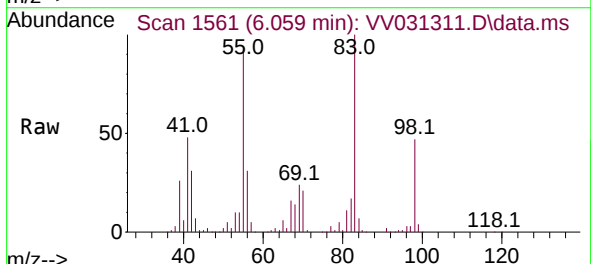
Instrument :
MSVOA_V
ClientSampleId :

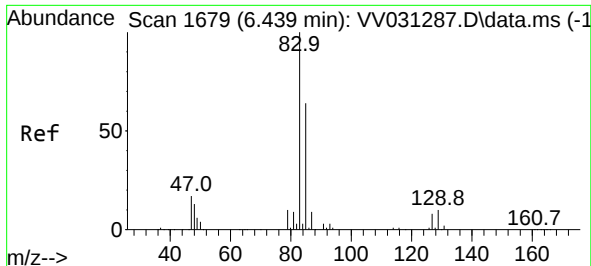
Tgt Ion: 95 Resp: 101688
Ion Ratio Lower Upper
95 100
97 63.6 44.4 82.5
132 89.2 70.2 130.4
130 93.4 71.5 132.7



#35
Methylcyclohexane
Concen: 50.954 ug/L
RT: 6.059 min Scan# 1561
Delta R.T. 0.003 min
Lab File: VV031311.D
Acq: 31 May 2023 21:03

Tgt Ion: 83 Resp: 123821
Ion Ratio Lower Upper
83 100
55 88.2 64.2 96.2
98 43.8 40.0 60.0

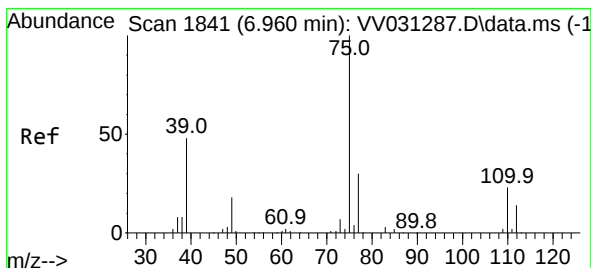
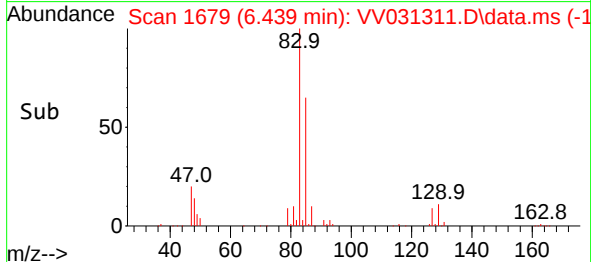
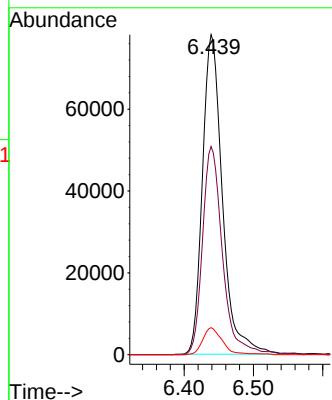
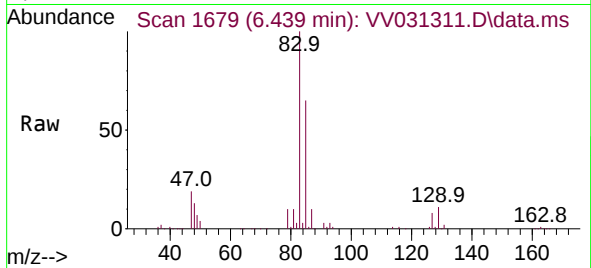




#38
Bromodichloromethane
Concen: 53.666 ug/L
RT: 6.439 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV031311.D
Acq: 31 May 2023 21:03

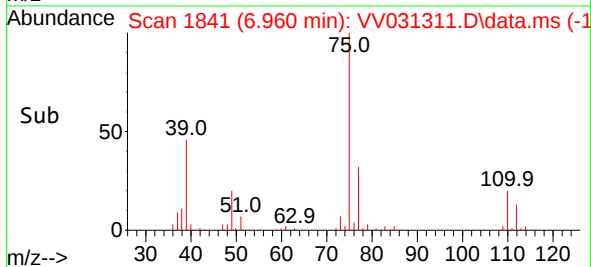
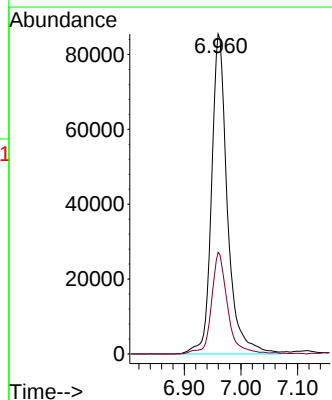
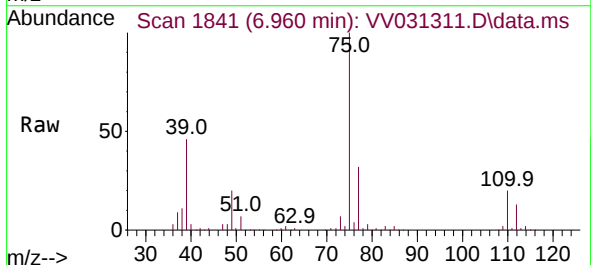
Instrument :
MSVOA_V
ClientSampleId :

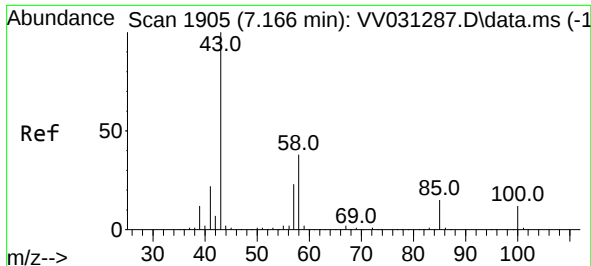
Tgt Ion: 83 Resp: 156494
Ion Ratio Lower Upper
83 100
85 65.1 44.0 81.6
127 8.4 6.9 10.3



#39
cis-1,3-Dichloropropene
Concen: 57.635 ug/L
RT: 6.960 min Scan# 1841
Delta R.T. -0.000 min
Lab File: VV031311.D
Acq: 31 May 2023 21:03

Tgt Ion: 75 Resp: 167184
Ion Ratio Lower Upper
75 100
77 31.8 22.3 41.3





#40

4-Methyl-2-pentanone

Concen: 130.758 ug/L

RT: 7.166 min Scan# 1905

Delta R.T. -0.000 min

Lab File: VV031311.D

Acq: 31 May 2023 21:03

Instrument :

MSVOA_V

ClientSampleId :

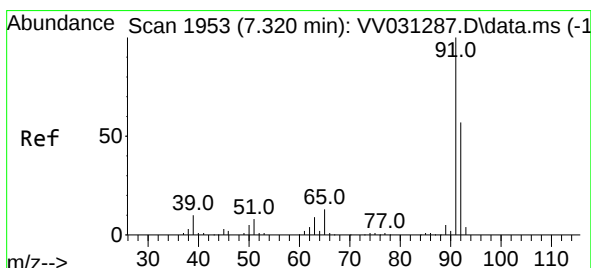
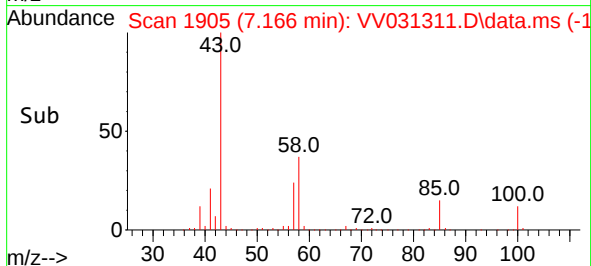
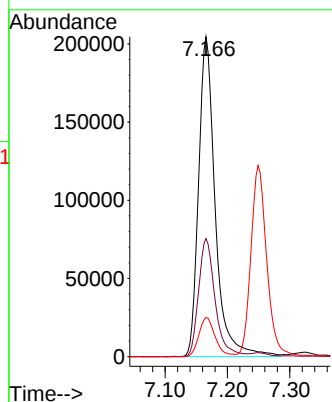
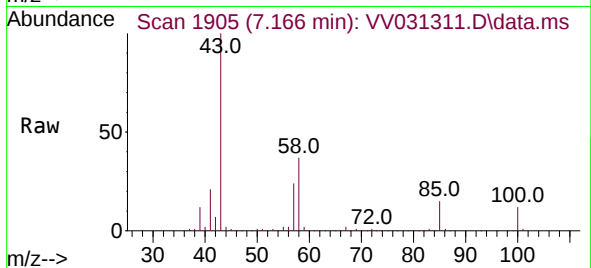
Tgt Ion: 43 Resp: 378501

Ion Ratio Lower Upper

43 100

58 36.7 29.0 43.4

100 12.1 12.2 18.4#



#42

Toluene

Concen: 53.419 ug/L

RT: 7.323 min Scan# 1954

Delta R.T. 0.003 min

Lab File: VV031311.D

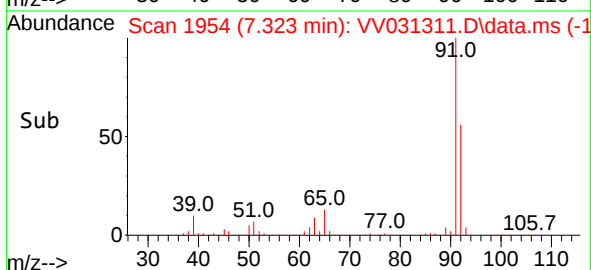
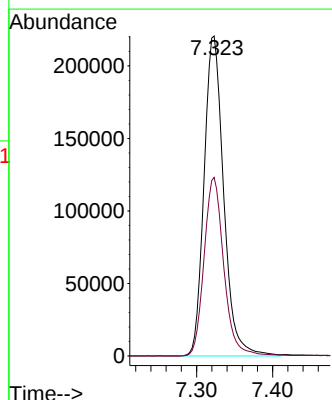
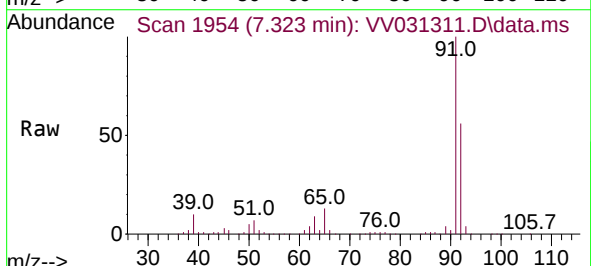
Acq: 31 May 2023 21:03

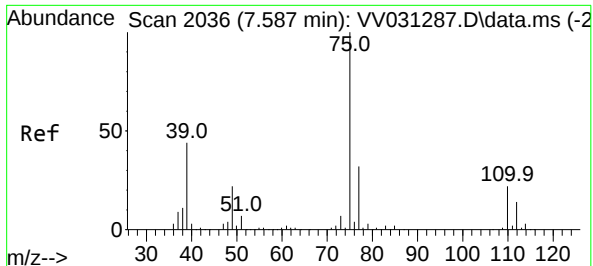
Tgt Ion: 91 Resp: 395004

Ion Ratio Lower Upper

91 100

92 55.8 40.9 76.0

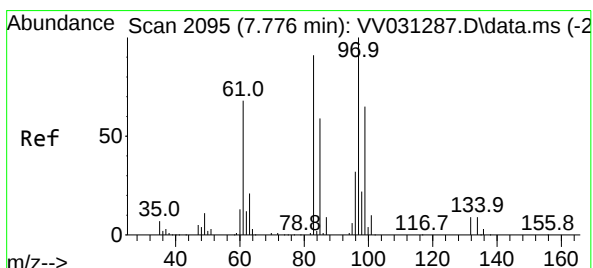
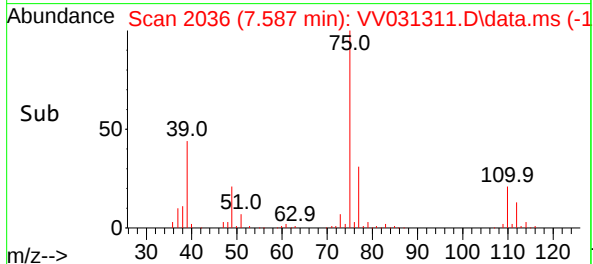
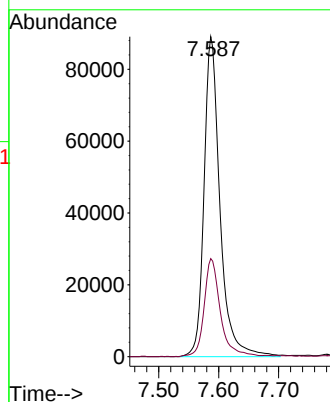
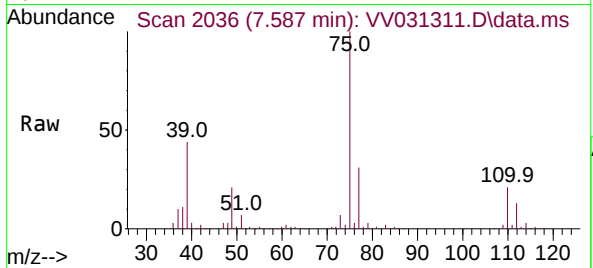




#44
trans-1,3-Dichloropropene
Concen: 56.255 ug/L
RT: 7.587 min Scan# 2036
Delta R.T. -0.000 min
Lab File: VV031311.D
Acq: 31 May 2023 21:03

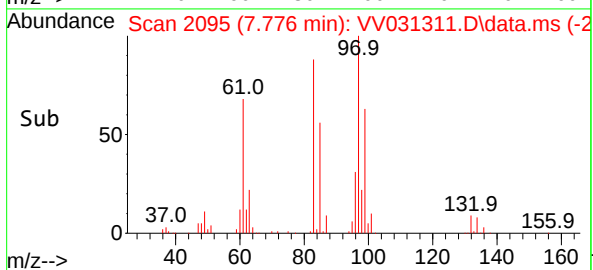
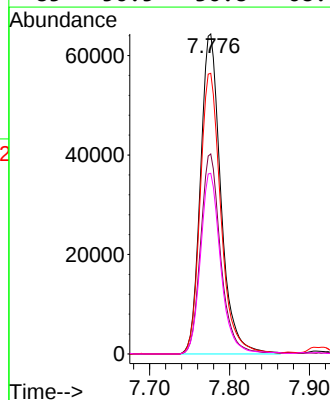
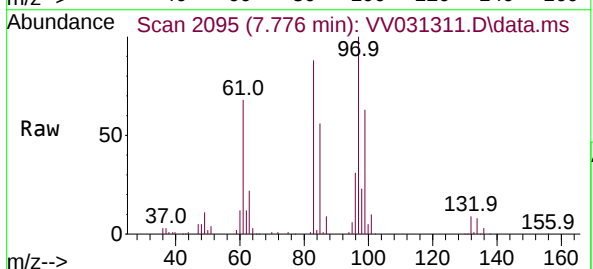
Instrument :
MSVOA_V
ClientSampleId :

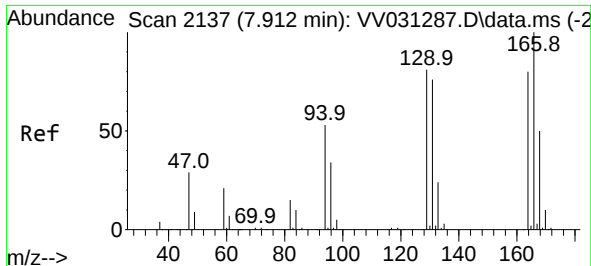
Tgt Ion: 75 Resp: 165077
Ion Ratio Lower Upper
75 100
77 30.7 22.2 41.2



#45
1,1,2-Trichloroethane
Concen: 55.735 ug/L
RT: 7.776 min Scan# 2095
Delta R.T. -0.000 min
Lab File: VV031311.D
Acq: 31 May 2023 21:03

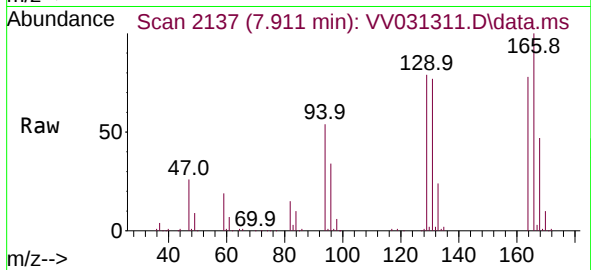
Tgt Ion: 97 Resp: 114409
Ion Ratio Lower Upper
97 100
99 62.5 43.2 80.2
83 87.7 60.5 112.3
85 56.5 36.8 68.4





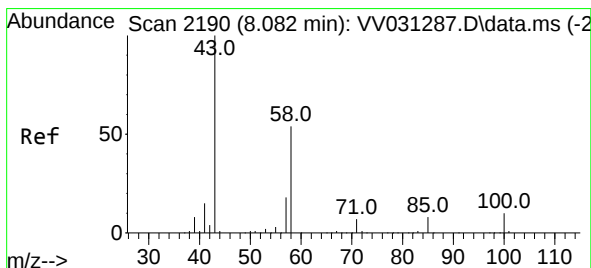
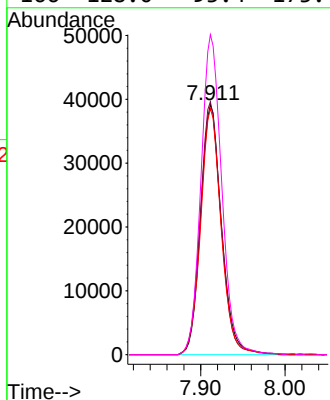
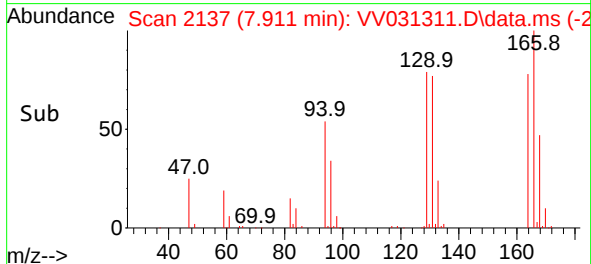
#46
Tetrachloroethene
Concen: 43.074 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VV031311.D
Acq: 31 May 2023 21:03

Instrument :
MSVOA_V
ClientSampleId :

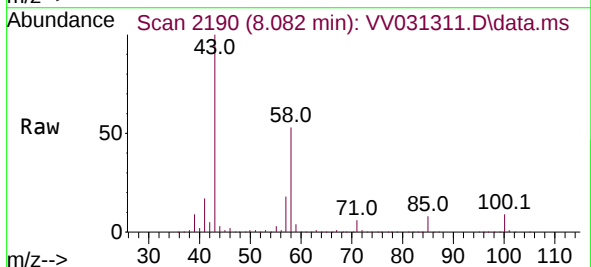


Tgt Ion:164 Resp: 67734

Ion	Ratio	Lower	Upper
164	100		
129	101.2	65.5	121.7
131	98.5	62.1	115.3
166	128.0	93.4	173.4

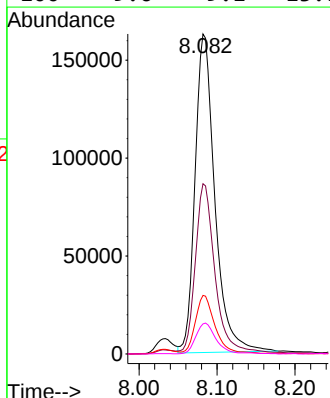
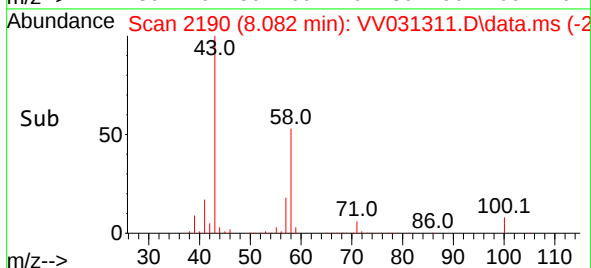


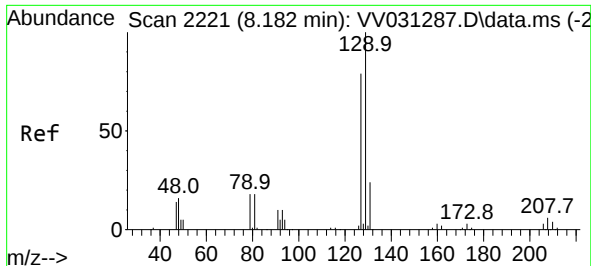
#48
2-Hexanone
Concen: 119.177 ug/L
RT: 8.082 min Scan# 2190
Delta R.T. -0.000 min
Lab File: VV031311.D
Acq: 31 May 2023 21:03



Tgt Ion: 43 Resp: 287332

Ion	Ratio	Lower	Upper
43	100		
58	52.7	39.8	59.6
57	17.9	14.4	21.6
100	9.6	9.1	13.7





#49

Dibromochloromethane

Concen: 50.388 ug/L

RT: 8.182 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV031311.D

Acq: 31 May 2023 21:03

Instrument :

MSVOA_V

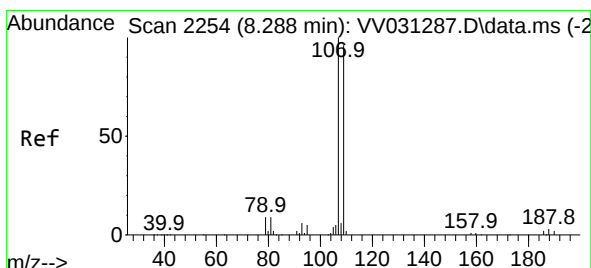
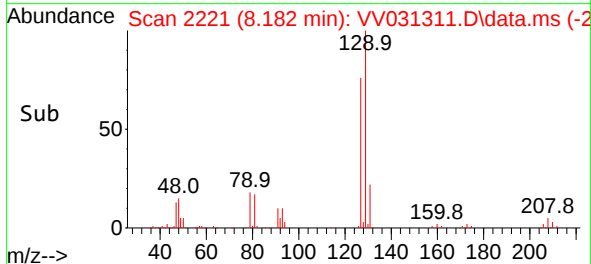
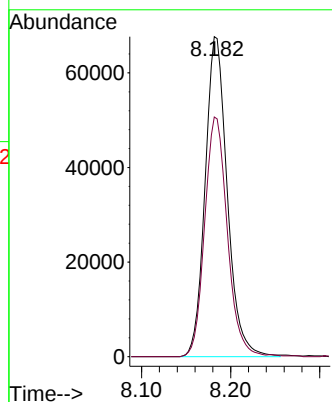
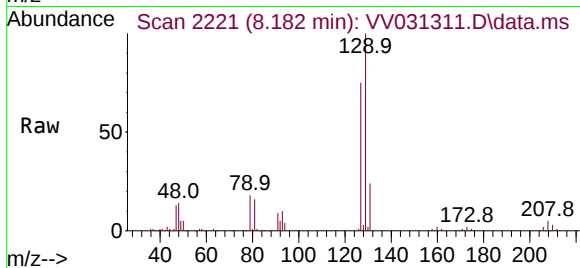
ClientSampleId :

Tgt Ion:129 Resp: 116699

Ion Ratio Lower Upper

129 100

127 74.9 56.1 104.1



#50

1,2-Dibromoethane

Concen: 55.468 ug/L

RT: 8.288 min Scan# 2254

Delta R.T. -0.000 min

Lab File: VV031311.D

Acq: 31 May 2023 21:03

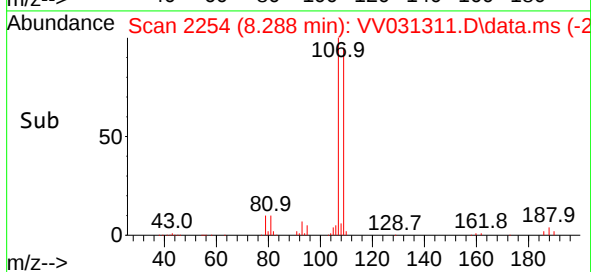
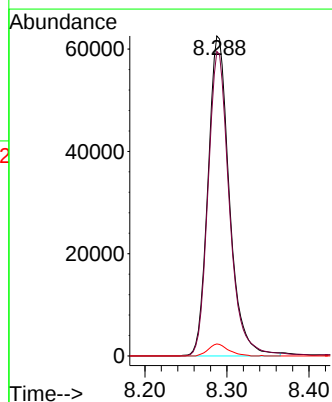
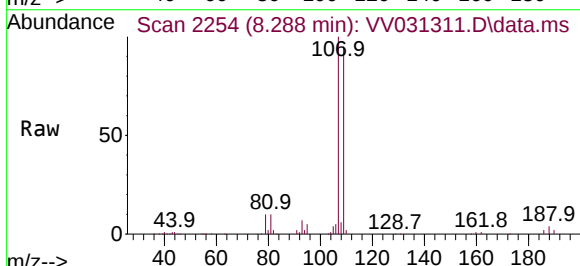
Tgt Ion:107 Resp: 113202

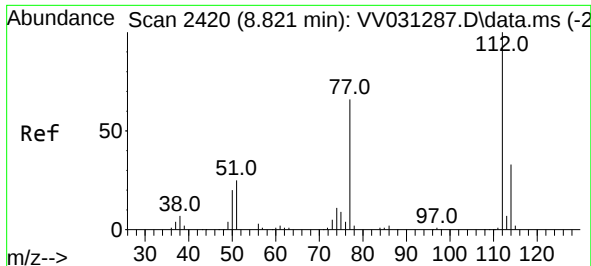
Ion Ratio Lower Upper

107 100

109 95.2 65.6 121.8

188 3.7 3.8 5.6#

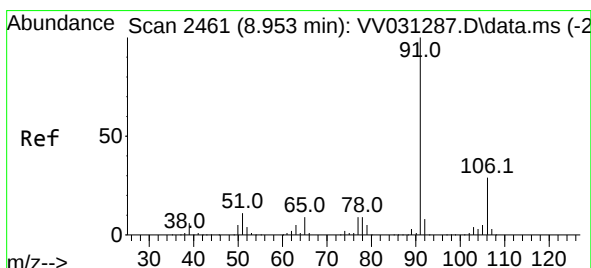
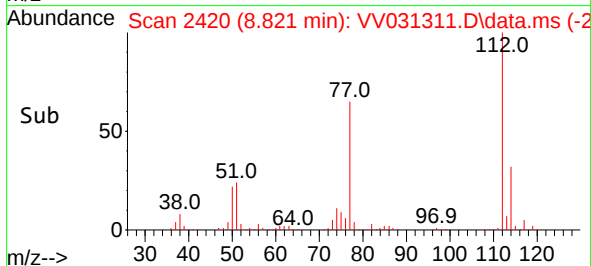
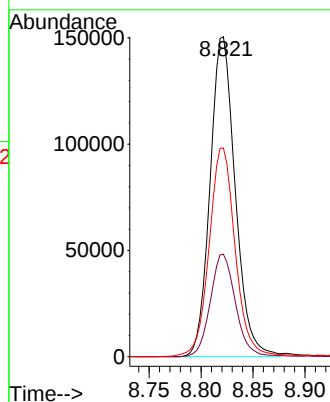
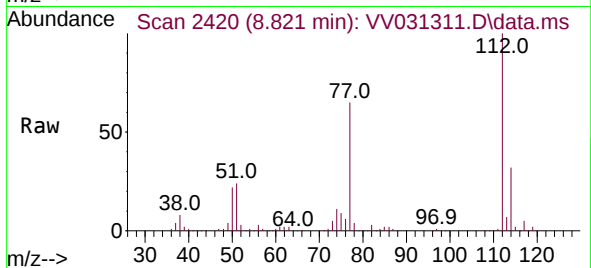




#51
Chlorobenzene
Concen: 48.171 ug/L
RT: 8.821 min Scan# 2420
Delta R.T. -0.000 min
Lab File: VV031311.D
Acq: 31 May 2023 21:03

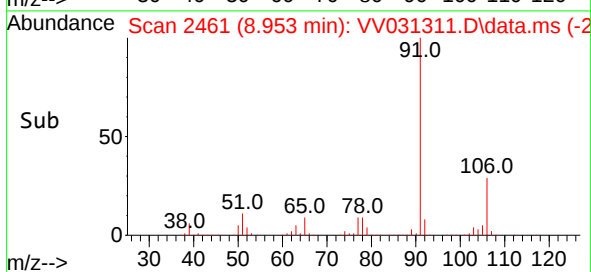
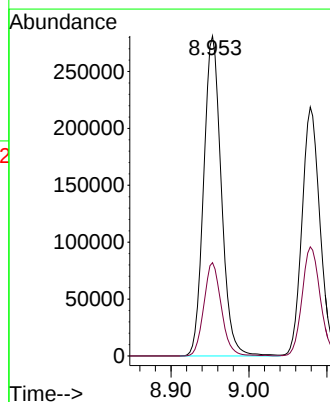
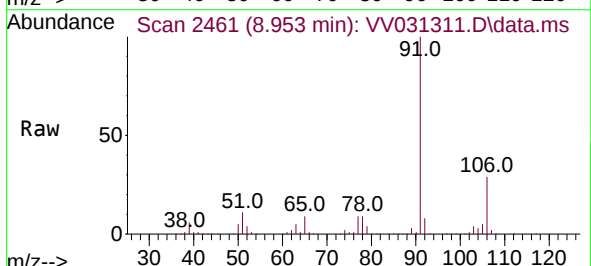
Instrument :
MSVOA_V
ClientSampleId :

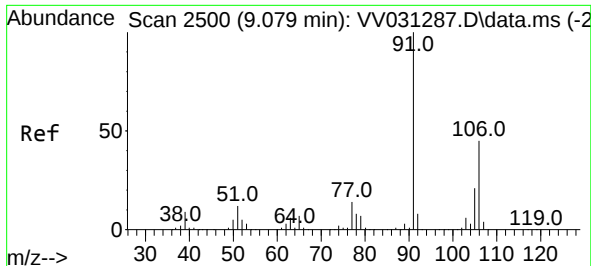
Tgt Ion:112 Resp: 253525
Ion Ratio Lower Upper
112 100
114 32.0 23.0 42.8
77 65.2 46.2 69.4



#52
Ethylbenzene
Concen: 52.207 ug/L
RT: 8.953 min Scan# 2461
Delta R.T. -0.000 min
Lab File: VV031311.D
Acq: 31 May 2023 21:03

Tgt Ion: 91 Resp: 441988
Ion Ratio Lower Upper
91 100
106 29.2 21.5 39.9

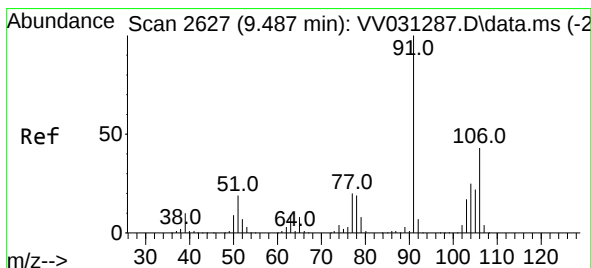
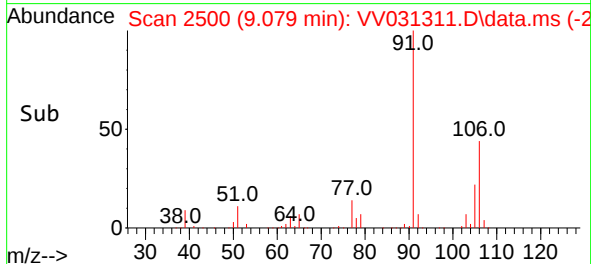
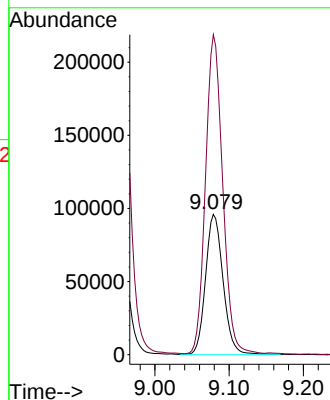
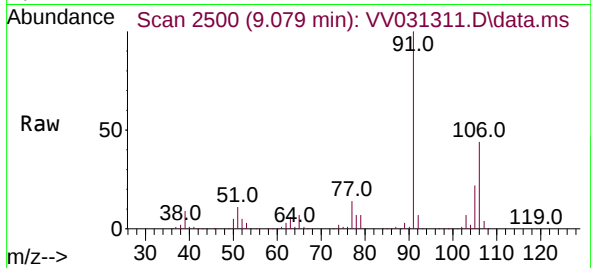




#53
m,p-Xylene
Concen: 47.971 ug/L
RT: 9.079 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV031311.D
Acq: 31 May 2023 21:03

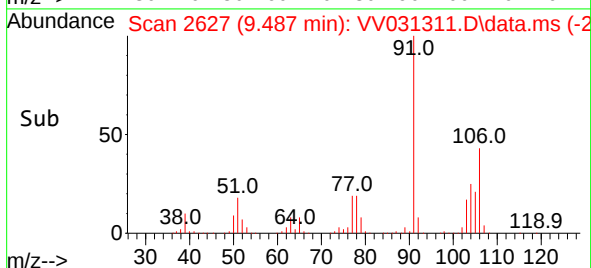
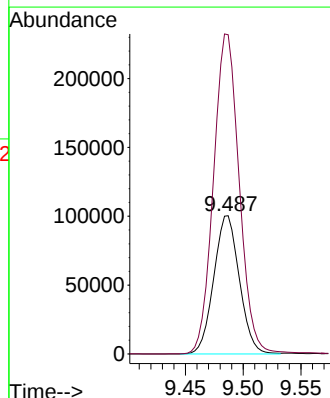
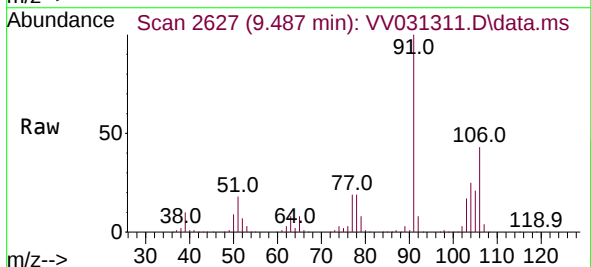
Instrument :
MSVOA_V
ClientSampleId :

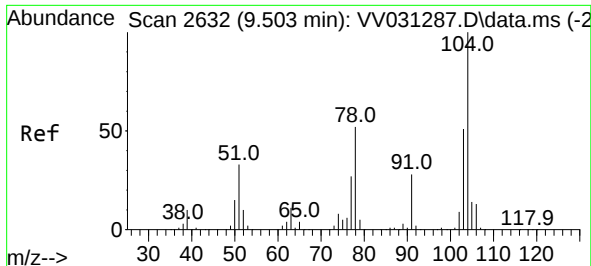
Tgt Ion:106 Resp: 157539
Ion Ratio Lower Upper
106 100
91 228.0 145.3 269.8



#54
o-Xylene
Concen: 47.815 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. -0.000 min
Lab File: VV031311.D
Acq: 31 May 2023 21:03

Tgt Ion:106 Resp: 154907
Ion Ratio Lower Upper
106 100
91 230.9 150.4 279.2

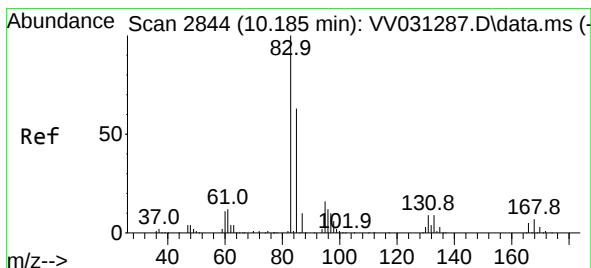
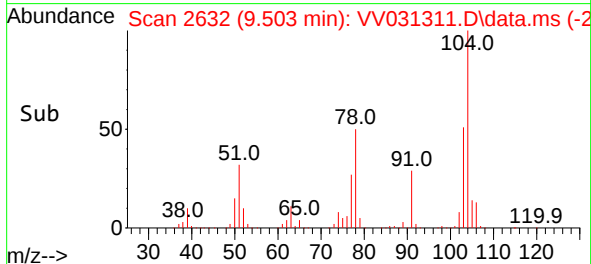
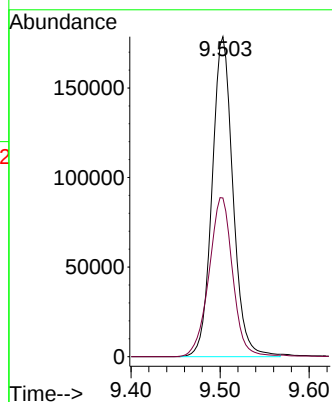
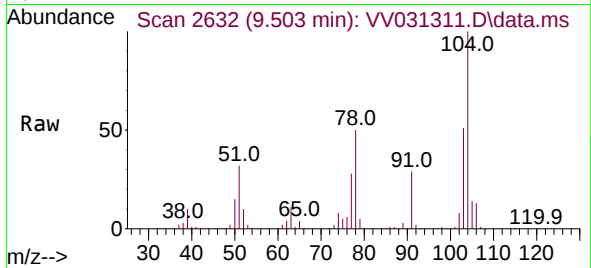




#55
Styrene
Concen: 50.797 ug/L
RT: 9.503 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV031311.D
Acq: 31 May 2023 21:03

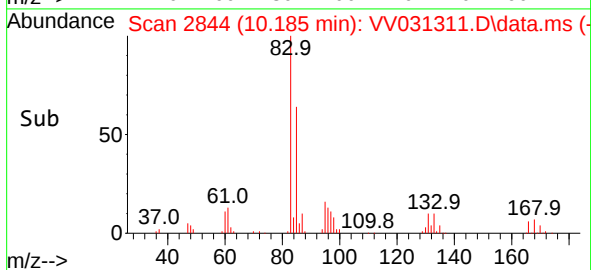
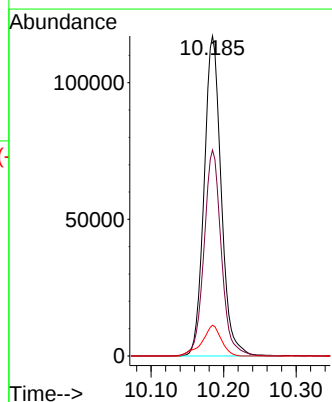
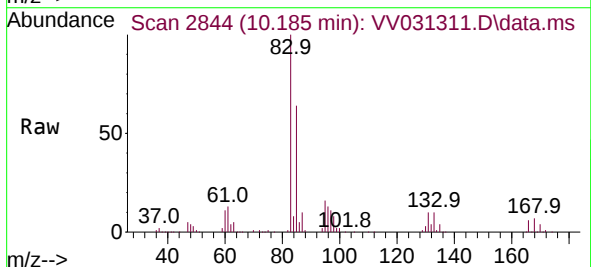
Instrument :
MSVOA_V
ClientSampleId :

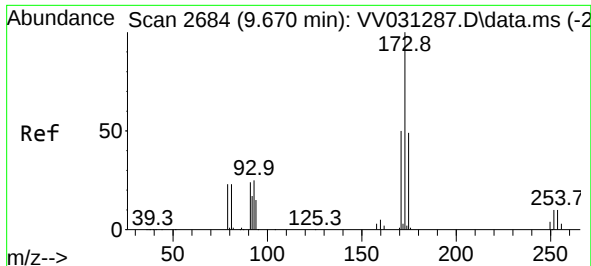
Tgt Ion:104 Resp: 291056
Ion Ratio Lower Upper
104 100
78 49.6 33.2 61.6



#57
1,1,2,2-Tetrachloroethane
Concen: 56.704 ug/L
RT: 10.185 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VV031311.D
Acq: 31 May 2023 21:03

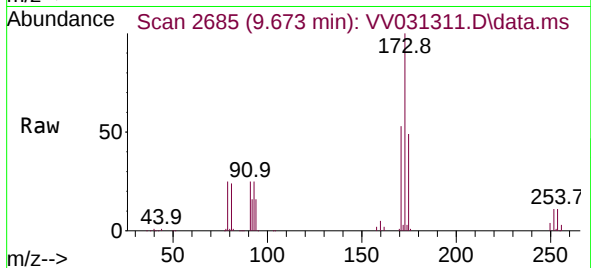
Tgt Ion: 83 Resp: 191250
Ion Ratio Lower Upper
83 100
85 64.4 45.0 83.6
131 9.6 9.2 13.8



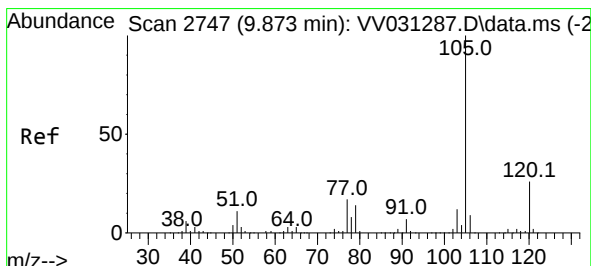
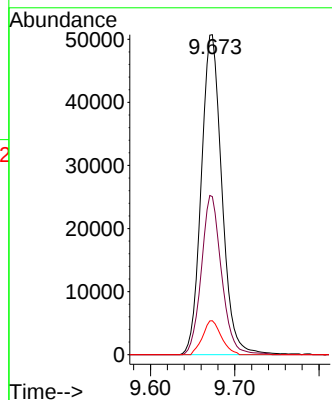
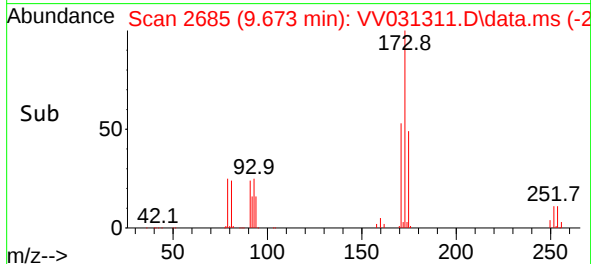


#59
Bromoform
Concen: 47.722 ug/L
RT: 9.673 min Scan# 2685
Delta R.T. 0.003 min
Lab File: VV031311.D
Acq: 31 May 2023 21:03

Instrument :
MSVOA_V
ClientSampleId :

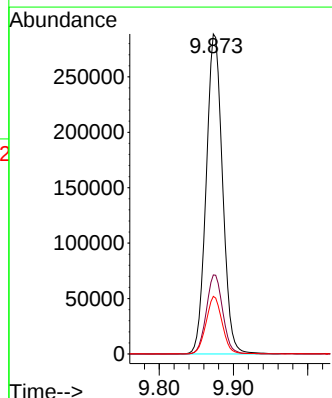
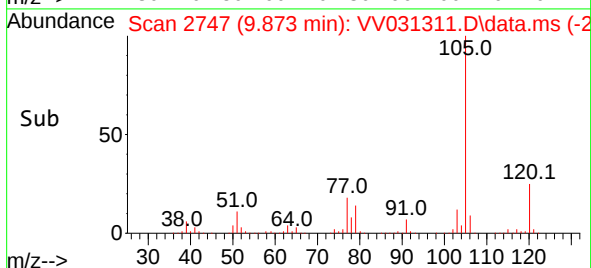
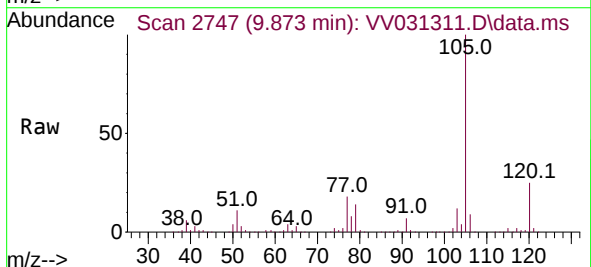


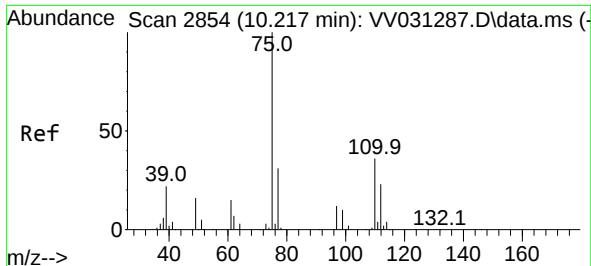
Tgt Ion:173 Resp: 86302
Ion Ratio Lower Upper
173 100
175 48.7 38.8 58.2
254 9.7 8.8 13.2



#60
Isopropylbenzene
Concen: 52.733 ug/L
RT: 9.873 min Scan# 2747
Delta R.T. -0.000 min
Lab File: VV031311.D
Acq: 31 May 2023 21:03

Tgt Ion:105 Resp: 439849
Ion Ratio Lower Upper
105 100
120 24.9 21.4 32.0
77 17.8 13.0 19.6





#61

1,2,3-Trichloropropane

Concen: 65.881 ug/L

RT: 10.217 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV031311.D

Acq: 31 May 2023 21:03

Instrument :

MSVOA_V

ClientSampleId :

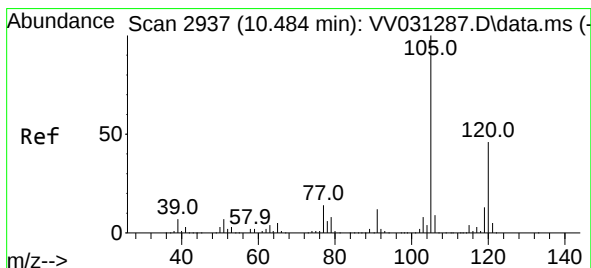
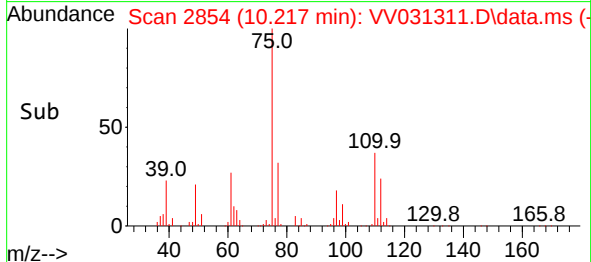
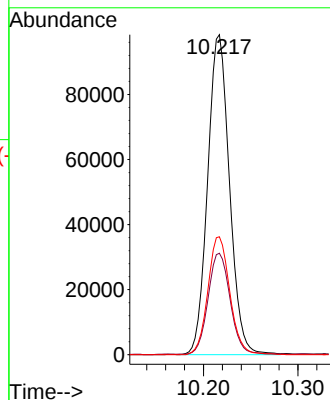
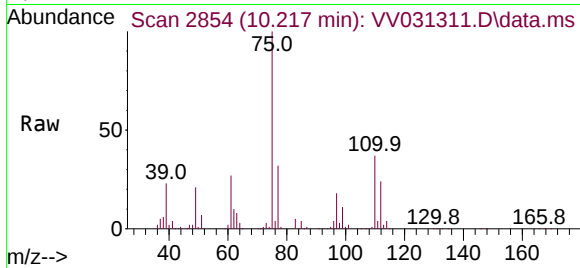
Tgt Ion: 75 Resp: 158068

Ion Ratio Lower Upper

75 100

77 31.8 25.5 38.3

110 37.0 32.5 48.7



#62

1,3,5-Trimethylbenzene

Concen: 52.245 ug/L

RT: 10.484 min Scan# 2937

Delta R.T. -0.000 min

Lab File: VV031311.D

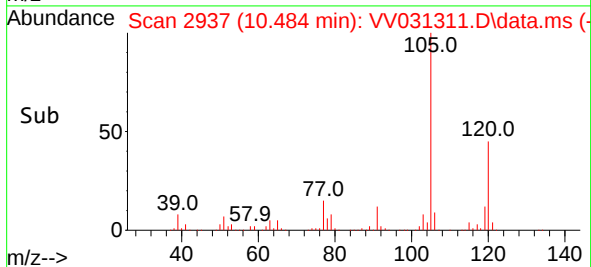
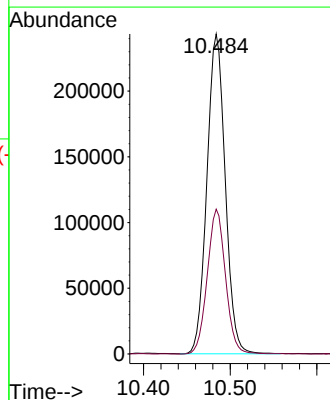
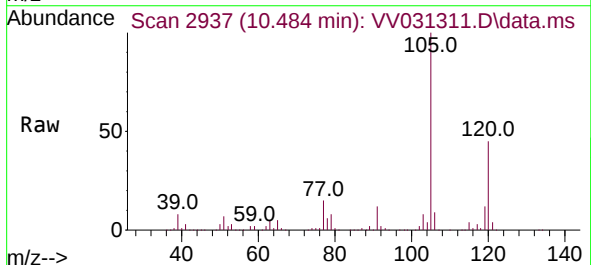
Acq: 31 May 2023 21:03

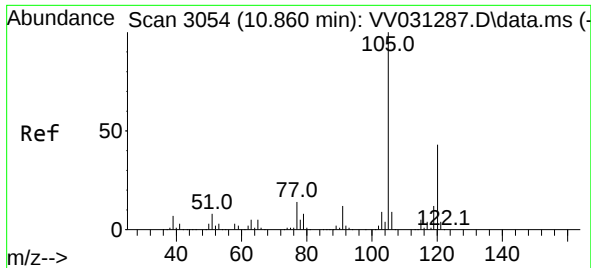
Tgt Ion: 105 Resp: 358204

Ion Ratio Lower Upper

105 100

120 45.1 40.5 60.7

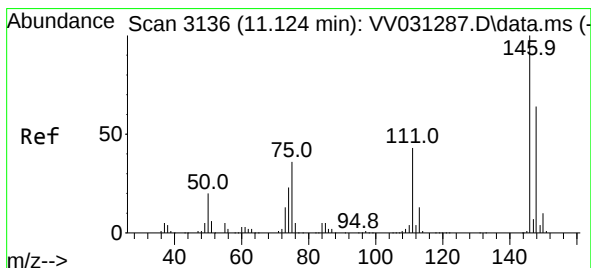
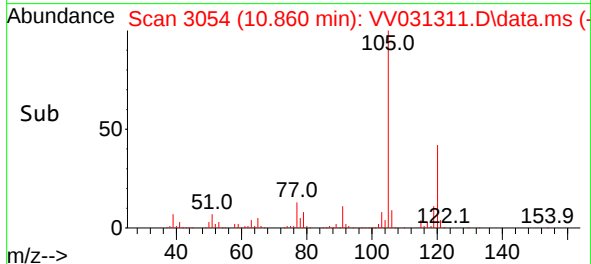
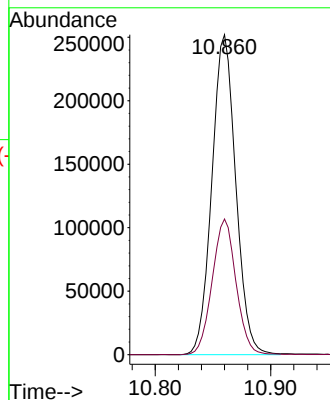
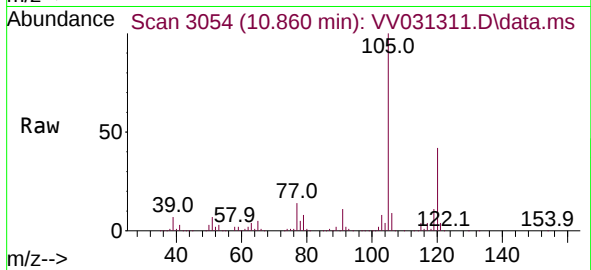




#63
 1,2,4-Trimethylbenzene
 Concen: 54.020 ug/L
 RT: 10.860 min Scan# 3054
 Delta R.T. -0.000 min
 Lab File: VV031311.D
 Acq: 31 May 2023 21:03

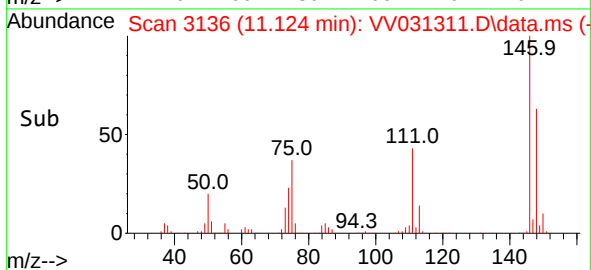
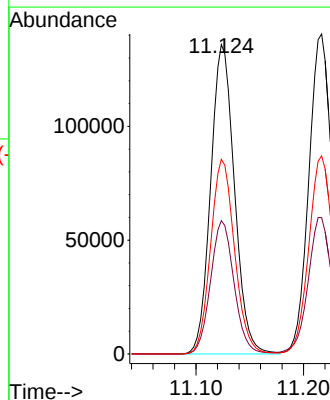
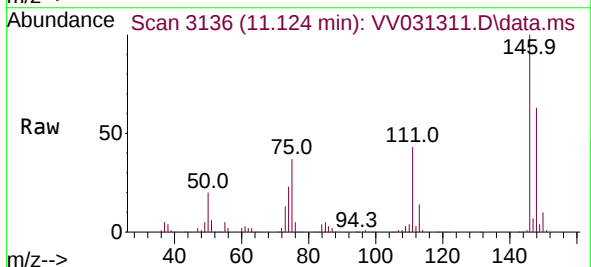
Instrument :
 MSVOA_V
 ClientSampleId :

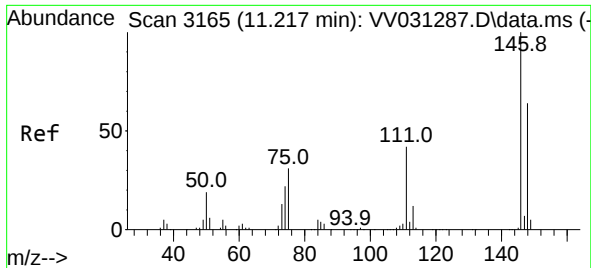
Tgt Ion:105 Resp: 362138
 Ion Ratio Lower Upper
 105 100
 120 42.2 37.5 56.3



#64
 1,3-Dichlorobenzene
 Concen: 48.932 ug/L
 RT: 11.124 min Scan# 3136
 Delta R.T. -0.000 min
 Lab File: VV031311.D
 Acq: 31 May 2023 21:03

Tgt Ion:146 Resp: 209129
 Ion Ratio Lower Upper
 146 100
 111 43.1 27.2 50.4
 148 62.9 44.4 82.5

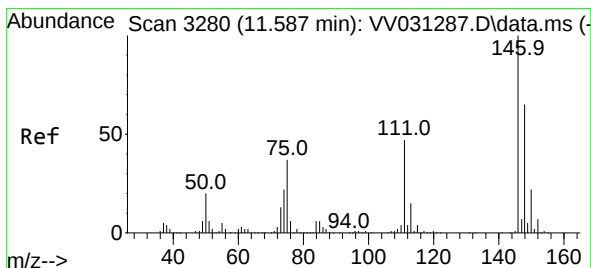
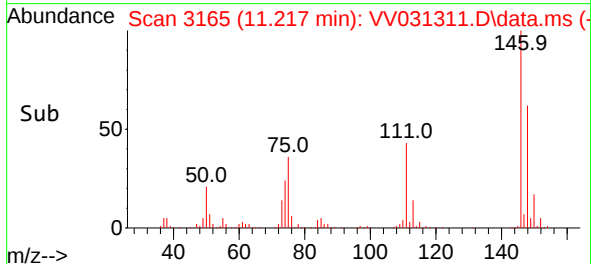
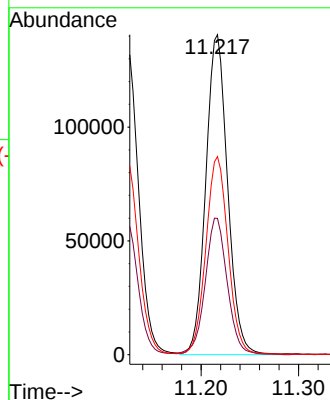
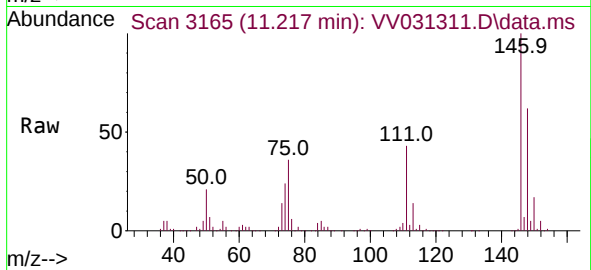




#65
1,4-Dichlorobenzene
Concen: 49.217 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. -0.000 min
Lab File: VV031311.D
Acq: 31 May 2023 21:03

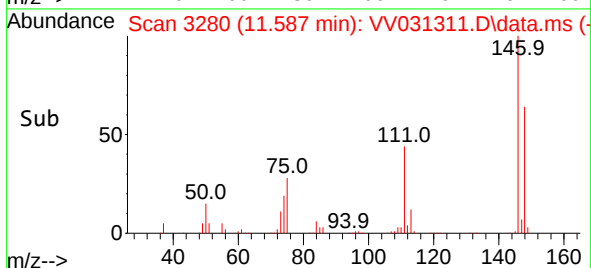
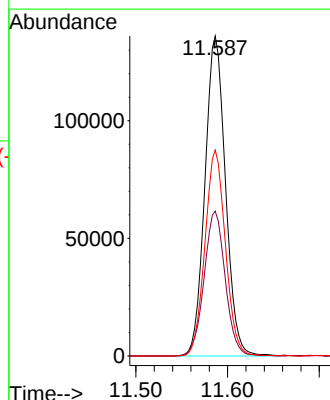
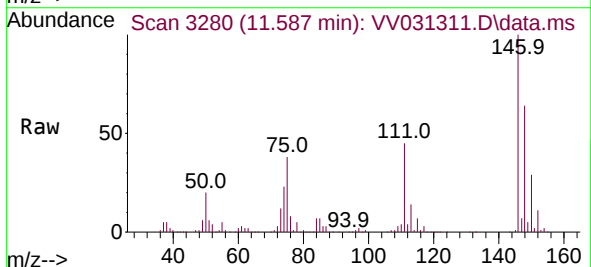
Instrument :
MSVOA_V
ClientSampleId :

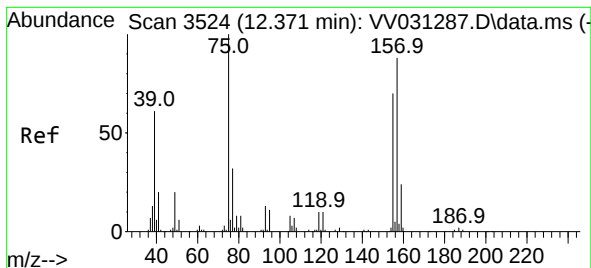
Tgt Ion:146 Resp: 218832
Ion Ratio Lower Upper
146 100
111 42.6 25.5 47.3
148 61.9 44.5 82.7



#67
1,2-Dichlorobenzene
Concen: 48.831 ug/L
RT: 11.587 min Scan# 3280
Delta R.T. -0.000 min
Lab File: VV031311.D
Acq: 31 May 2023 21:03

Tgt Ion:146 Resp: 211762
Ion Ratio Lower Upper
146 100
111 45.3 31.4 47.2
148 64.3 50.2 75.4

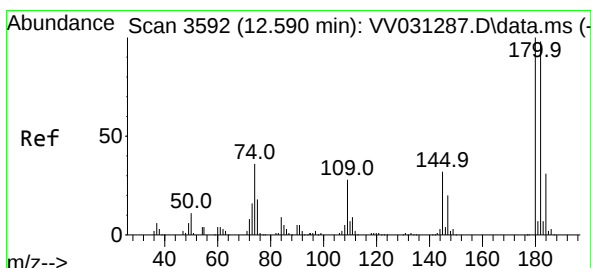
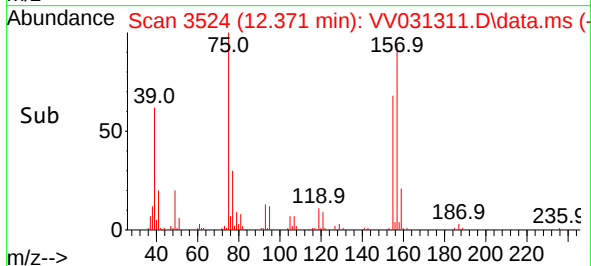
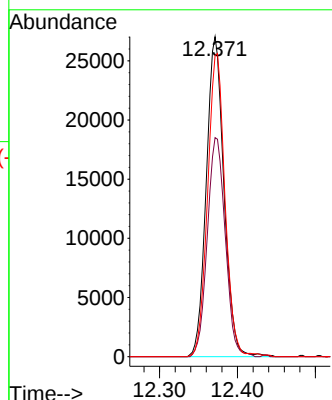
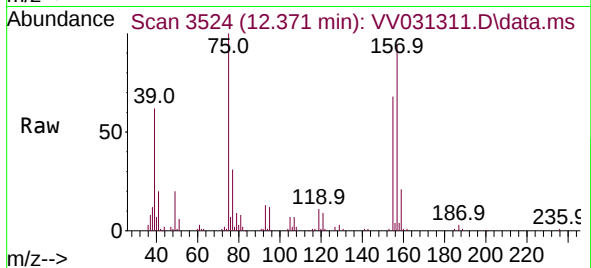




#68
1,2-Dibromo-3-chloropropane
Concen: 57.850 ug/L
RT: 12.371 min Scan# 3524
Delta R.T. -0.000 min
Lab File: VV031311.D
Acq: 31 May 2023 21:03

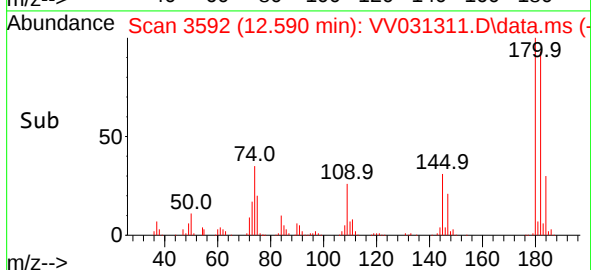
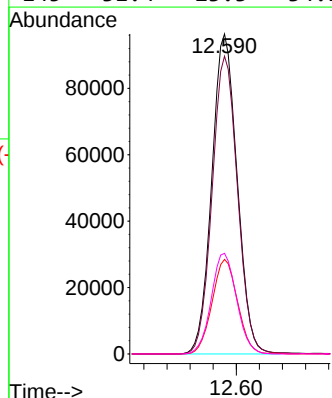
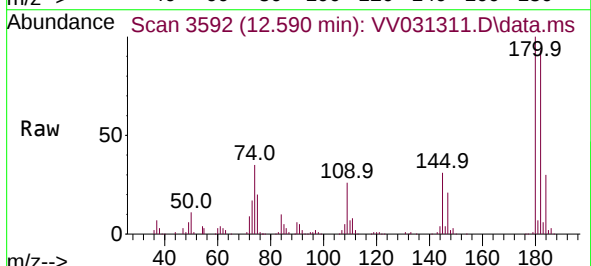
Instrument :
MSVOA_V
ClientSampleId :

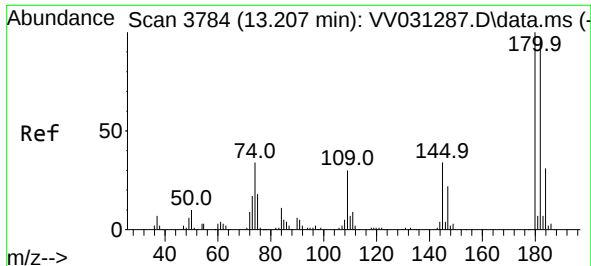
Tgt Ion: 75 Resp: 42607
Ion Ratio Lower Upper
75 100
155 68.5 70.9 106.3#
157 94.1 88.1 132.1



#69
1,3,5-Trichlorobenzene
Concen: 44.356 ug/L
RT: 12.590 min Scan# 3592
Delta R.T. -0.000 min
Lab File: VV031311.D
Acq: 31 May 2023 21:03

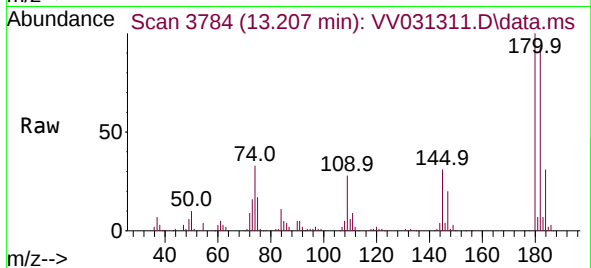
Tgt Ion:180 Resp: 146548
Ion Ratio Lower Upper
180 100
182 93.4 76.6 115.0
184 29.7 24.6 37.0
145 31.4 23.3 34.9



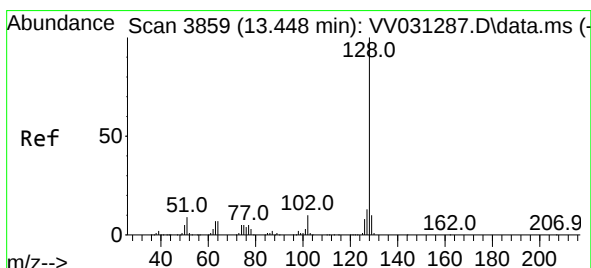
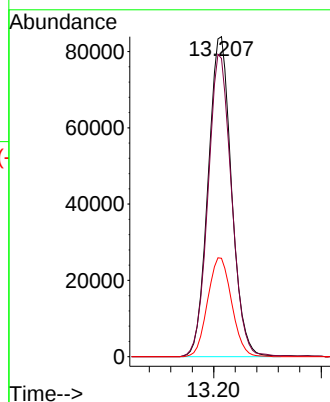
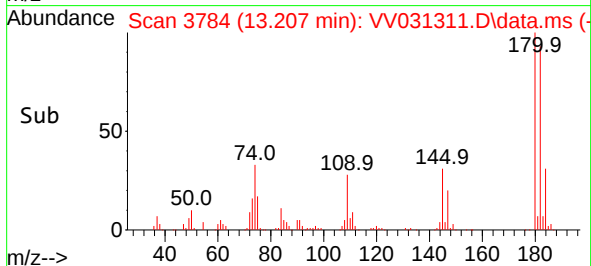


#70
1,2,4-trichlorobenzene
Concen: 45.077 ug/L
RT: 13.207 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV031311.D
Acq: 31 May 2023 21:03

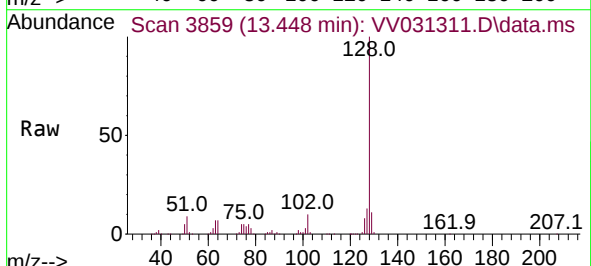
Instrument :
MSVOA_V
ClientSampleId :



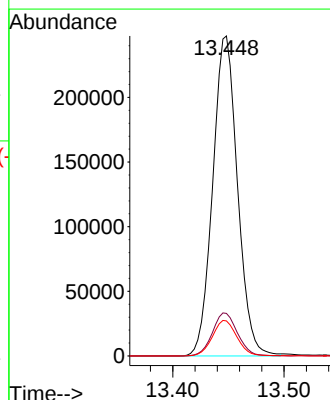
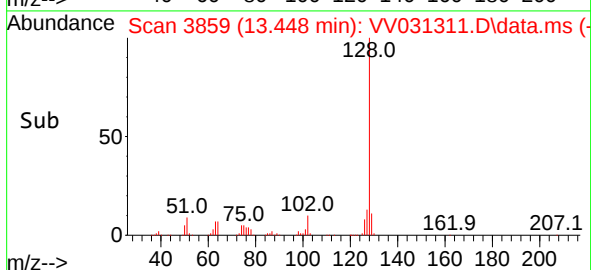
Tgt Ion:180 Resp: 126743
Ion Ratio Lower Upper
180 100
182 95.0 75.4 113.2
145 31.7 23.1 34.7

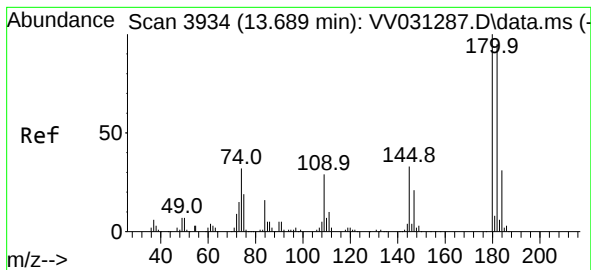


#71
Naphthalene
Concen: 52.415 ug/L
RT: 13.448 min Scan# 3859
Delta R.T. -0.000 min
Lab File: VV031311.D
Acq: 31 May 2023 21:03



Tgt Ion:128 Resp: 382811
Ion Ratio Lower Upper
128 100
127 13.6 10.6 16.0
129 11.0 8.8 13.2





#72

1,2,3-Trichlorobenzene

Concen: 48.610 ug/L

RT: 13.689 min Scan# 3934

Delta R.T. -0.000 min

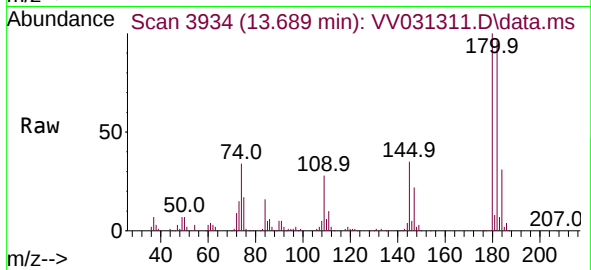
Lab File: VV031311.D

Acq: 31 May 2023 21:03

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 136580

Ion Ratio Lower Upper

180 100

182 95.7 75.4 113.0

145 34.6 24.2 36.4

