

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083123\
 Data File : VV031972.D
 Acq On : 31 Aug 2023 19:23
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 01 02:12:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 01 00:57:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	287256	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	277072	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	150022	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	87010	48.399	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.800%
7) Chloroethane-d5	1.532	69	71001	45.053	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.100%
11) 1,1-Dichloroethene-d2	2.060	65	37034	43.994	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.980%
21) 2-Butanone-d5	3.796	46	122088	86.347	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.350%
24) Chloroform-d	4.252	84	162631	41.388	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.780%
26) 1,2-Dichloroethane-d4	4.947	65	104016	39.888	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.780%
32) Benzene-d6	4.963	84	332569	43.988	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.980%
36) 1,2-Dichloropropane-d6	5.992	67	106984	43.964	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.920%
41) Toluene-d8	7.246	98	308431	44.275	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.560%
43) trans-1,3-Dichloroprop...	7.555	79	54388	43.121	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.240%
47) 2-Hexanone-d5	8.030	63	86529	116.014	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.010%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	136630	43.449	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.900%
66) 1,2-Dichlorobenzene-d4	11.564	152	114832	41.989	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.980%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	71029	40.617	ug/L	99
3) Chloromethane	1.217	50	79852	44.780	ug/L	100
5) Vinyl chloride	1.285	62	85152	44.714	ug/L	99
6) Bromomethane	1.490	94	48469	43.227	ug/L	98
8) Chloroethane	1.548	64	57639	45.542	ug/L	98
9) Trichlorofluoromethane	1.716	101	120935	43.564	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	74170	44.251	ug/L	99
12) 1,1-Dichloroethene	2.072	96	66264	44.014	ug/L	91
13) Acetone	2.124	43	87944	69.882	ug/L	99
14) Carbon disulfide	2.243	76	152744	44.526	ug/L	100
15) Methyl Acetate	2.378	43	104366	46.499	ug/L	100
16) Methylene chloride	2.449	84	93565	48.363	ug/L	99
17) trans-1,2-Dichloroethene	2.696	96	74191	44.949	ug/L	97
18) Methyl tert-butyl Ether	2.706	73	316989	45.442	ug/L	98
19) 1,1-Dichloroethane	3.114	63	171906	46.474	ug/L	99
20) cis-1,2-Dichloroethene	3.818	96	94431	45.602	ug/L	99
22) 2-Butanone	3.879	43	138259	83.026	ug/L	95
23) Bromochloromethane	4.153	128	45904	45.692	ug/L	97
25) Chloroform	4.281	83	169714	44.129	ug/L	98

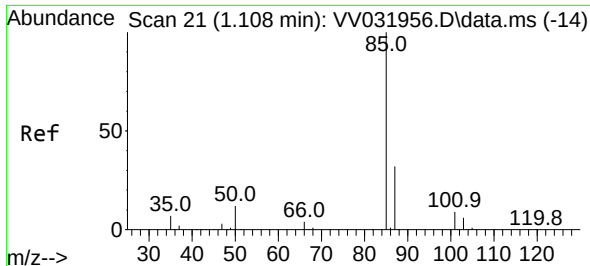
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 Data File : VW031972.D
 Acq On : 31 Aug 2023 19:23
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 Quant Title : VOC Analysis
 QLast Update : Fri Sep 01 00:57:38 2023
 Response via : Initial Calibration

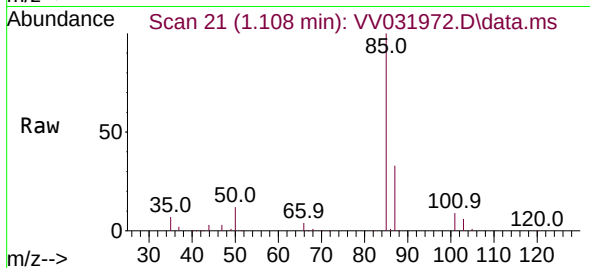
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	134159	44.279	ug/L	97
29) Cyclohexane	4.587	56	134752	46.710	ug/L	99
30) 1,1,1-Trichloroethane	4.516	97	144146	44.602	ug/L	99
31) Carbon tetrachloride	4.738	117	119322	43.480	ug/L	99
33) Benzene	5.014	78	347608	46.692	ug/L	100
34) Trichloroethene	5.838	95	95092	41.765	ug/L	99
35) Methylcyclohexane	6.053	83	127798	42.200	ug/L	97
37) 1,2-Dichloropropane	6.098	63	98942	46.888	ug/L	99
38) Bromodichloromethane	6.436	83	131960	44.057	ug/L	100
39) cis-1,3-Dichloropropene	6.957	75	168258	45.863	ug/L	98
40) 4-Methyl-2-pentanone	7.162	43	315458	94.188	ug/L	99
42) Toluene	7.320	91	379923	46.393	ug/L	100
44) trans-1,3-Dichloropropene	7.583	75	156630	44.434	ug/L	98
45) 1,1,2-Trichloroethane	7.773	97	99206	46.535	ug/L	99
46) Tetrachloroethene	7.908	164	64125	44.854	ug/L	99
48) 2-Hexanone	8.079	43	230398	90.079	ug/L	98
49) Dibromochloromethane	8.178	129	97835	44.659	ug/L	100
50) 1,2-Dibromoethane	8.284	107	98688	44.197	ug/L	98
51) Chlorobenzene	8.818	112	250623	46.057	ug/L	98
52) Ethylbenzene	8.950	91	440672	45.427	ug/L	99
53) m,p-Xylene	9.075	106	163320	45.344	ug/L	98
54) o-Xylene	9.480	106	161047	44.957	ug/L	98
55) Styrene	9.500	104	287569	45.410	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.181	83	149937	49.683	ug/L	100
59) Bromoform	9.667	173	68060	43.749	ug/L	99
60) Isopropylbenzene	9.870	105	447256	44.511	ug/L	100
61) 1,2,3-Trichloropropane	10.214	75	126924	44.781	ug/L	99
62) 1,3,5-Trimethylbenzene	10.480	105	366203	43.319	ug/L	99
63) 1,2,4-Trimethylbenzene	10.853	105	369908	43.498	ug/L	100
64) 1,3-Dichlorobenzene	11.120	146	200704	44.569	ug/L	100
65) 1,4-Dichlorobenzene	11.214	146	206095	45.008	ug/L	100
67) 1,2-Dichlorobenzene	11.583	146	200794	44.998	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.368	75	36240	42.567	ug/L	98
69) 1,3,5-Trichlorobenzene	12.586	180	137864	41.995	ug/L	100
70) 1,2,4-trichlorobenzene	13.201	180	136986	43.471	ug/L	100
71) Naphthalene	13.442	128	426143	42.327	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	127628	42.267	ug/L	100

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

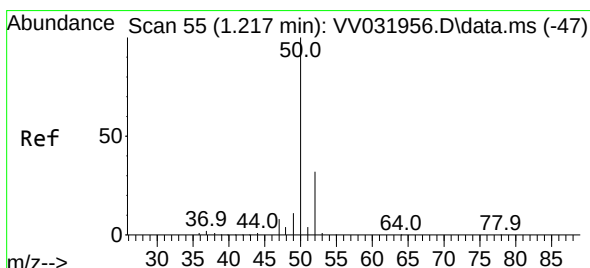
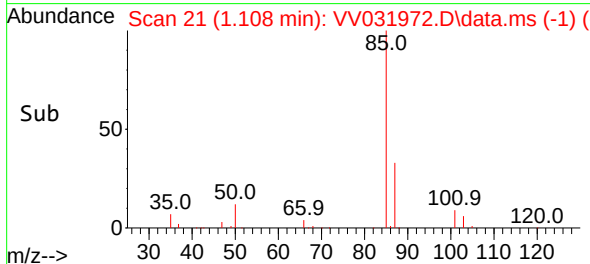
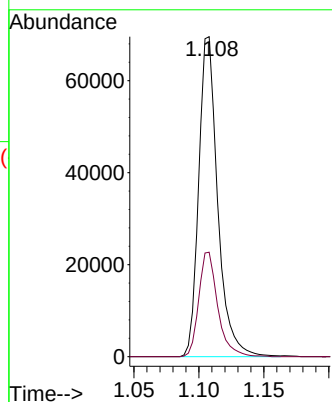


#2
 Dichlorodifluoromethane
 Concen: 40.617 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV031972.D
 Acq: 31 Aug 2023 19:23

Instrument :
 MSVOA_V
 ClientSampleId :

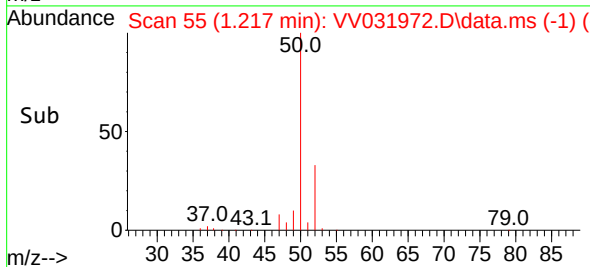
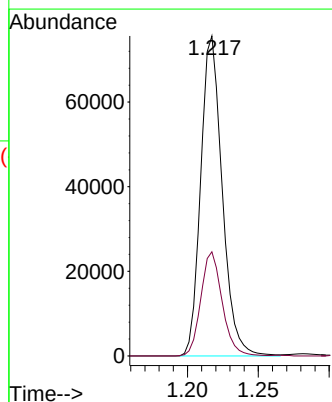
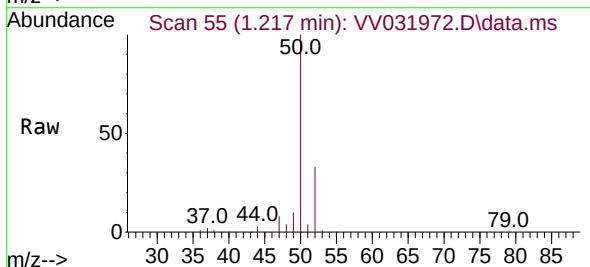


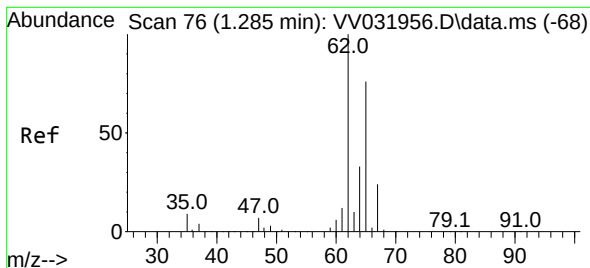
Tgt Ion: 85 Resp: 71029
 Ion Ratio Lower Upper
 85 100
 87 32.7 26.8 40.2



#3
 Chloromethane
 Concen: 44.780 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV031972.D
 Acq: 31 Aug 2023 19:23

Tgt Ion: 50 Resp: 79852
 Ion Ratio Lower Upper
 50 100
 52 32.5 23.0 42.6





#5

Vinyl chloride

Concen: 44.714 ug/L

RT: 1.285 min Scan# 70

Delta R.T. 0.000 min

Lab File: VV031972.D

Acq: 31 Aug 2023 19:23

Instrument :

MSVOA_V

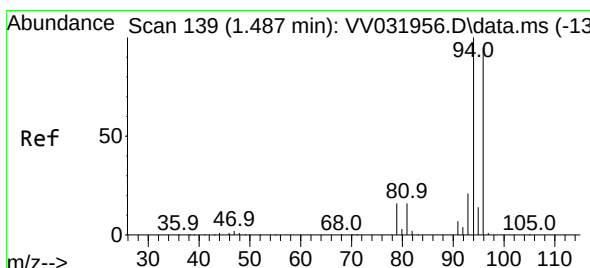
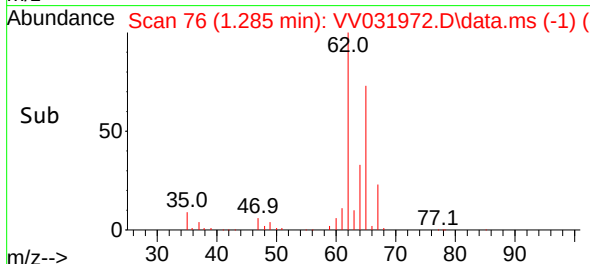
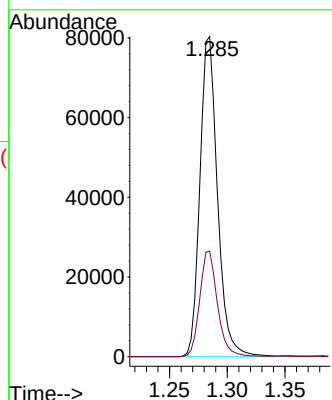
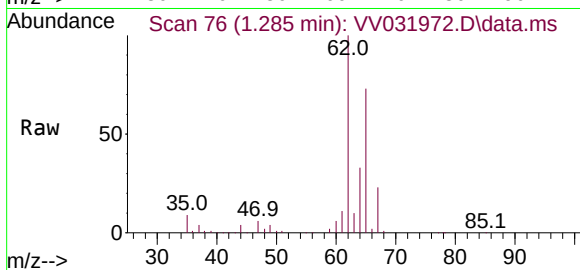
ClientSampleId :

Tgt Ion: 62 Resp: 85152

Ion Ratio Lower Upper

62 100

64 33.0 23.6 43.8



#6

Bromomethane

Concen: 43.227 ug/L

RT: 1.490 min Scan# 140

Delta R.T. 0.003 min

Lab File: VV031972.D

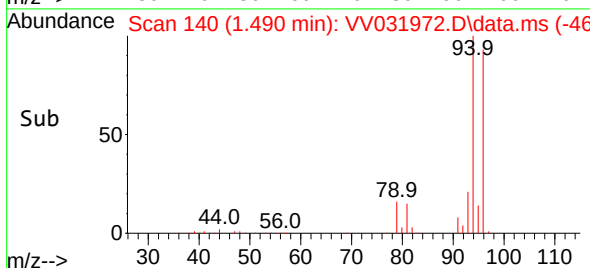
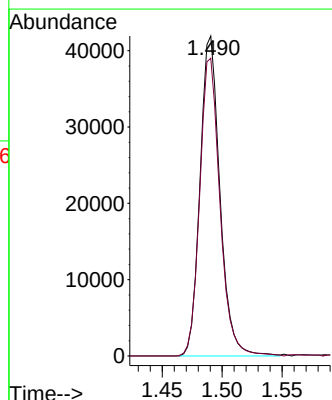
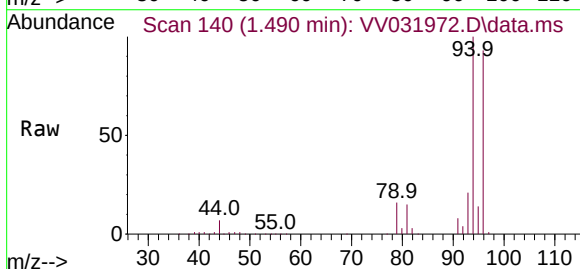
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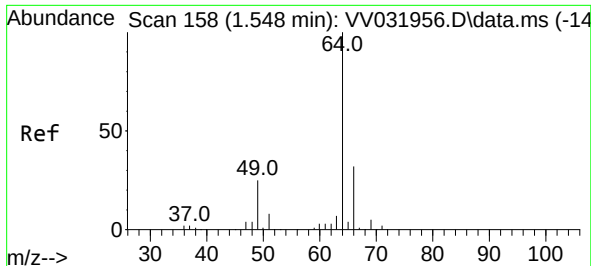
Tgt Ion: 94 Resp: 48469

Ion Ratio Lower Upper

94 100

96 93.1 66.4 123.4

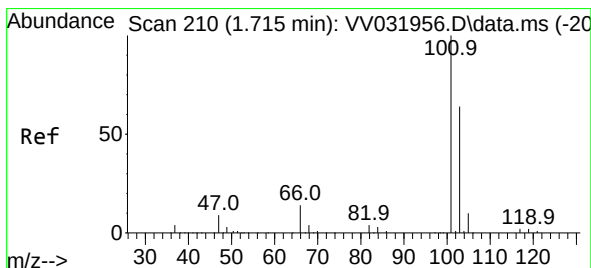
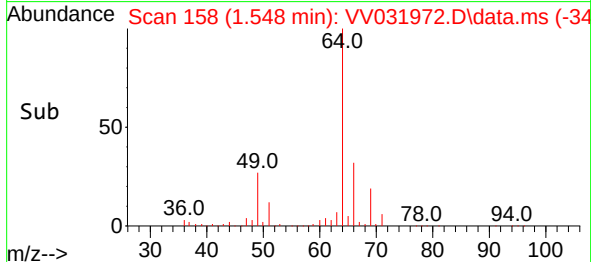
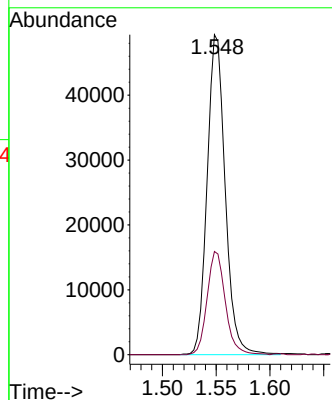
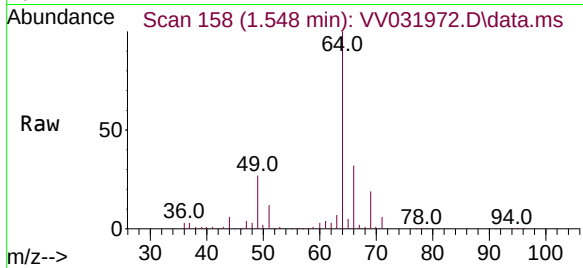




#8
Chloroethane
Concen: 45.542 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV031972.D
Acq: 31 Aug 2023 19:23

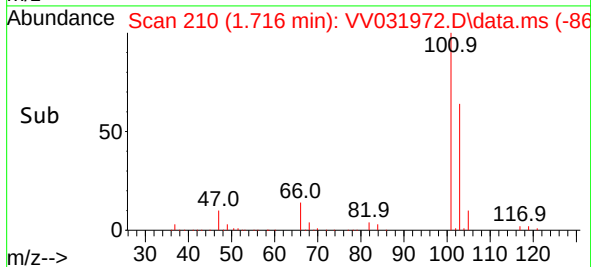
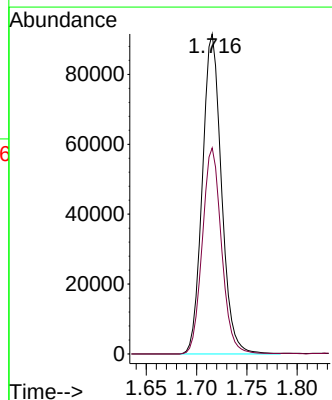
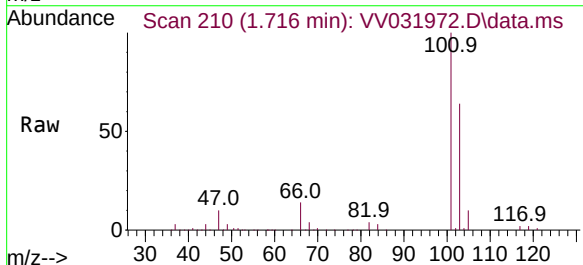
Instrument :
MSVOA_V
ClientSampleId :

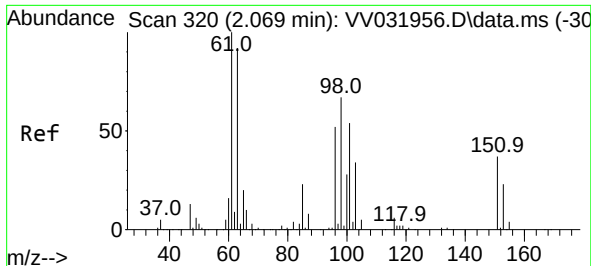
Tgt Ion: 64 Resp: 57639
Ion Ratio Lower Upper
64 100
66 32.3 23.2 43.2



#9
Trichlorofluoromethane
Concen: 43.564 ug/L
RT: 1.716 min Scan# 210
Delta R.T. 0.000 min
Lab File: VV031972.D
Acq: 31 Aug 2023 19:23

Tgt Ion:101 Resp: 120935
Ion Ratio Lower Upper
101 100
103 64.6 51.9 77.9





#10

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

Concen: 44.251 ug/L

RT: 2.069 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV031972.D

Acq: 31 Aug 2023 19:23

Instrument :

MSVOA_V

ClientSampleId :

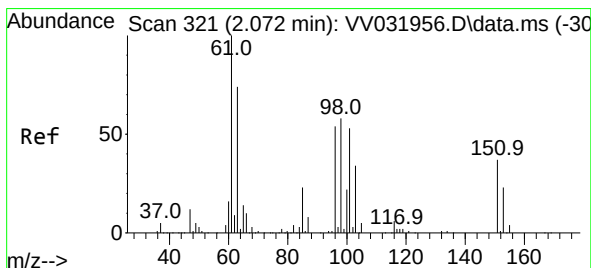
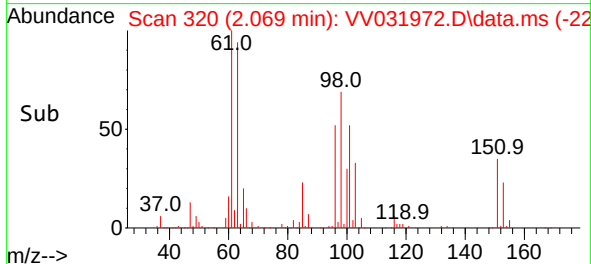
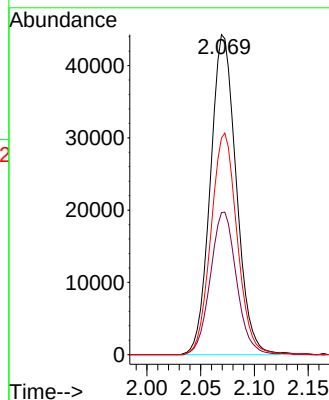
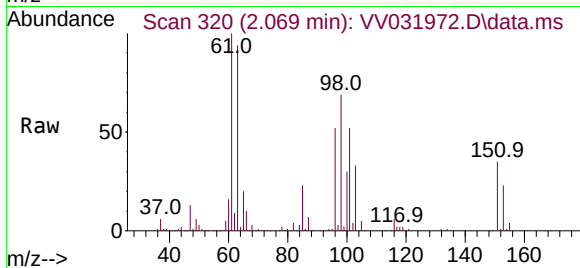
Tgt Ion:101 Resp: 74170

Ion Ratio Lower Upper

101 100

85 45.0 35.8 53.8

151 70.1 56.5 84.7



#12

1,1-Dichloroethene

Concen: 44.014 ug/L

RT: 2.072 min Scan# 321

Delta R.T. 0.000 min

Lab File: VV031972.D

Acq: 31 Aug 2023 19:23

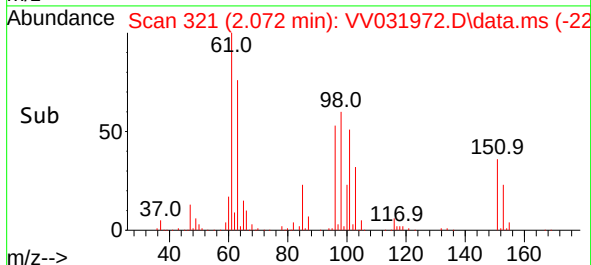
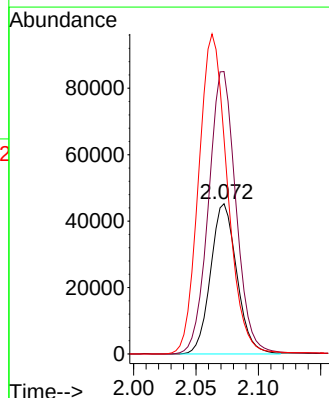
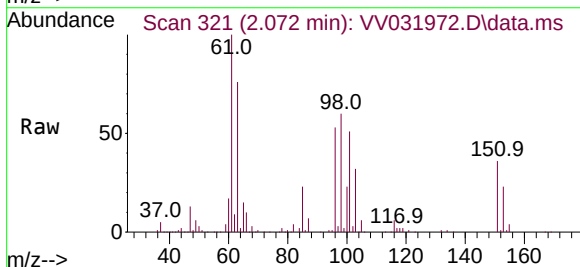
Tgt Ion: 96 Resp: 66264

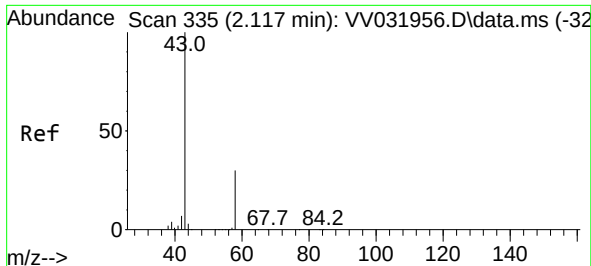
Ion Ratio Lower Upper

96 100

61 187.9 133.8 248.6

63 143.2 115.2 214.0





#13

Acetone

Concen: 69.882 ug/L

RT: 2.124 min Scan# 31

Delta R.T. 0.006 min

Lab File: VV031972.D

Acq: 31 Aug 2023 19:23

Instrument :

MSVOA_V

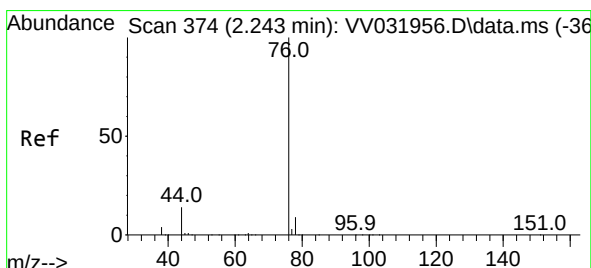
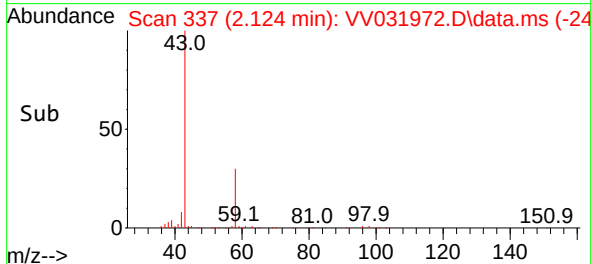
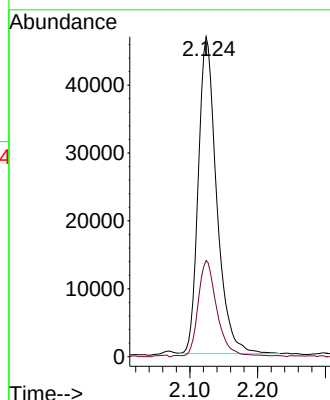
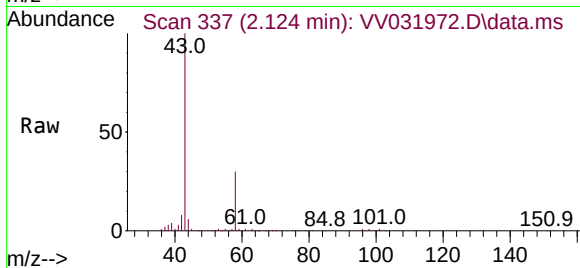
ClientSampleId :

Tgt Ion: 43 Resp: 87944

Ion Ratio Lower Upper

43 100

58 30.1 0.0 61.0



#14

Carbon disulfide

Concen: 44.526 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.000 min

Lab File: VV031972.D

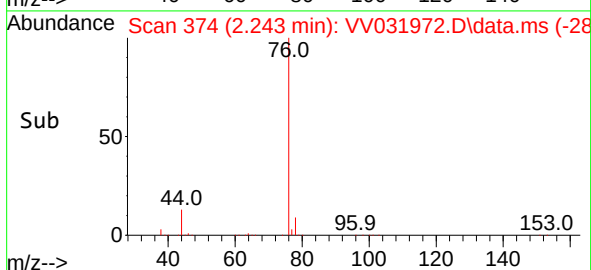
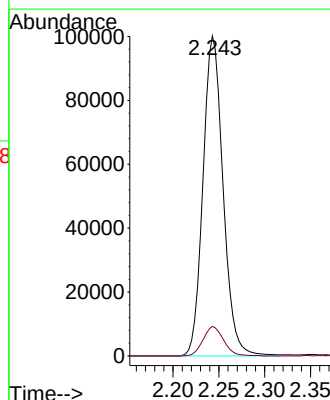
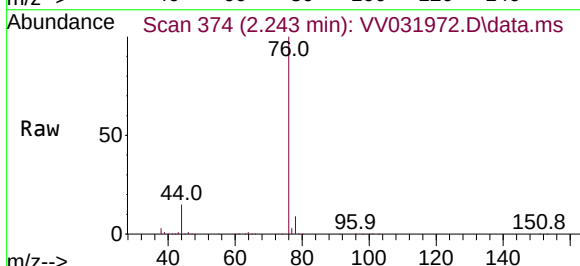
Acq: 31 Aug 2023 19:23

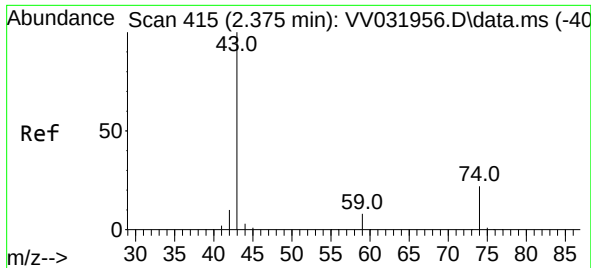
Tgt Ion: 76 Resp: 152744

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0

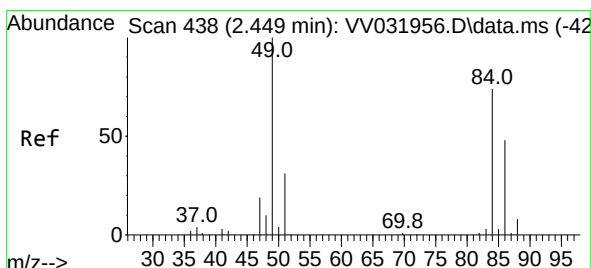
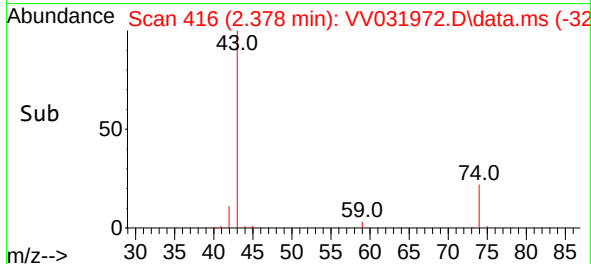
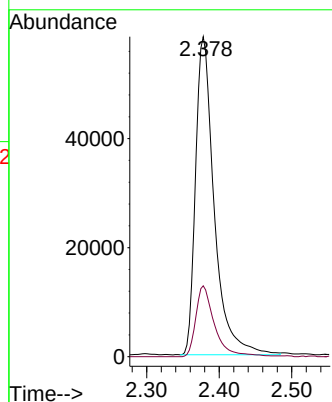
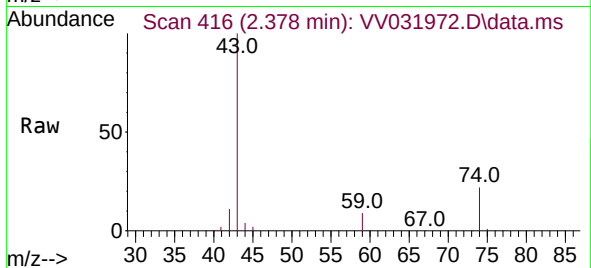




#15
Methyl Acetate
Concen: 46.499 ug/L
RT: 2.378 min Scan# 415
Delta R.T. 0.003 min
Lab File: VV031972.D
Acq: 31 Aug 2023 19:23

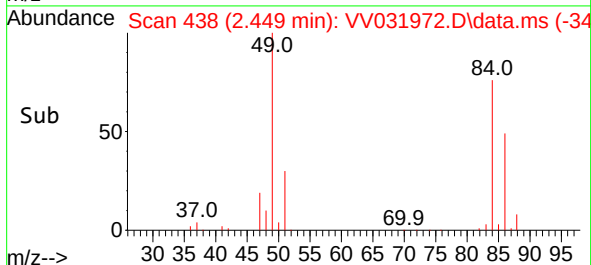
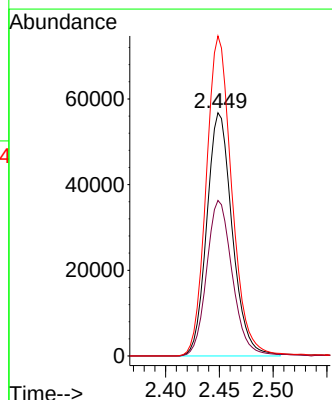
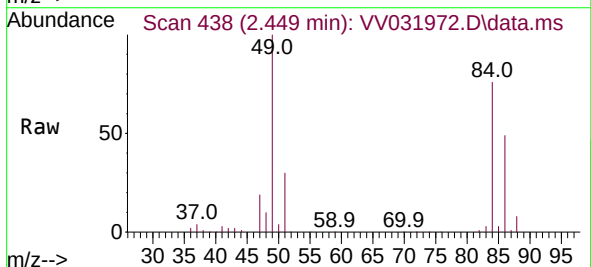
Instrument :
MSVOA_V
ClientSampleId :

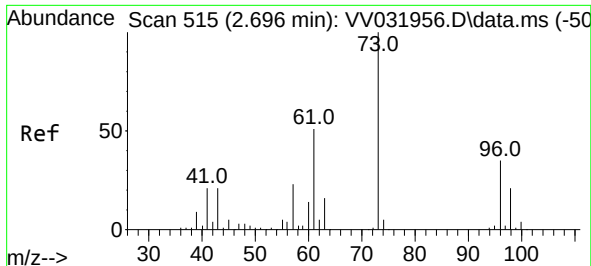
Tgt Ion: 43 Resp: 104366
Ion Ratio Lower Upper
43 100
74 22.5 17.9 26.9



#16
Methylene chloride
Concen: 48.363 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.000 min
Lab File: VV031972.D
Acq: 31 Aug 2023 19:23

Tgt Ion: 84 Resp: 93565
Ion Ratio Lower Upper
84 100
86 64.0 44.6 82.8
49 131.6 91.6 170.2

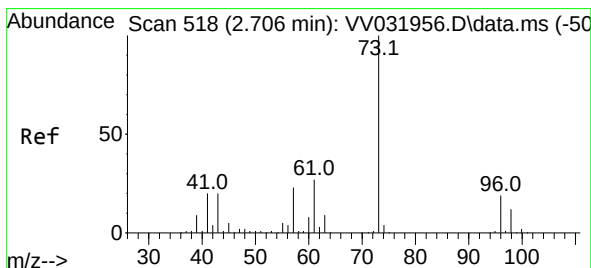
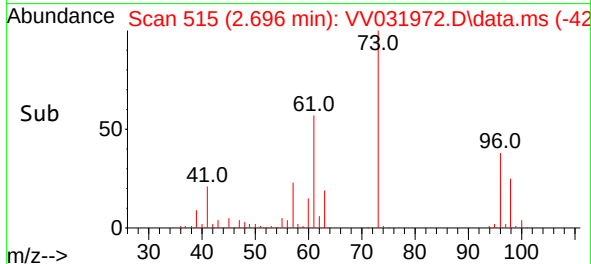
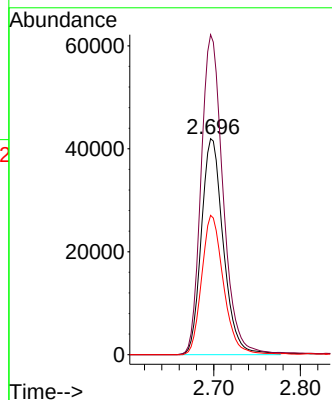
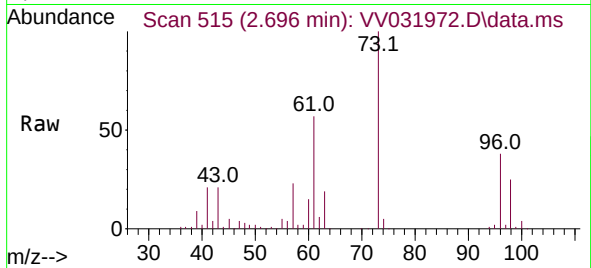




#17
trans-1,2-Dichloroethene
Concen: 44.949 ug/L
RT: 2.696 min Scan# 515
Delta R.T. 0.000 min
Lab File: VV031972.D
Acq: 31 Aug 2023 19:23

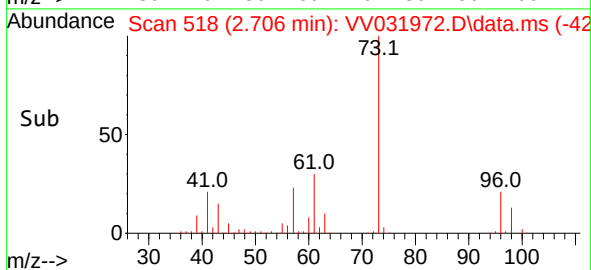
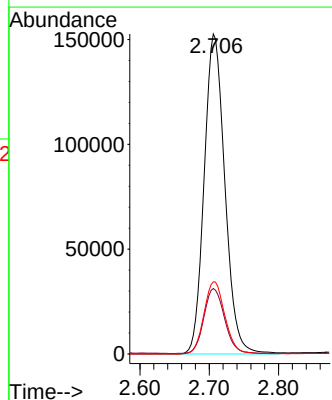
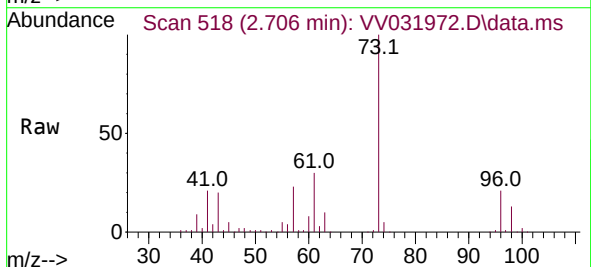
Instrument :
MSVOA_V
ClientSampleId :

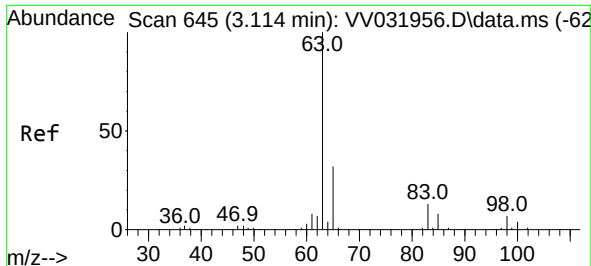
Tgt Ion: 96 Resp: 74191
Ion Ratio Lower Upper
96 100
61 148.1 107.3 199.3
98 64.5 46.3 85.9



#18
Methyl tert-butyl Ether
Concen: 45.442 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.000 min
Lab File: VV031972.D
Acq: 31 Aug 2023 19:23

Tgt Ion: 73 Resp: 316989
Ion Ratio Lower Upper
73 100
43 20.2 16.6 25.0
57 22.8 17.6 26.4





#19

1,1-Dichloroethane

Concen: 46.474 ug/L

RT: 3.114 min Scan# 64

Delta R.T. 0.000 min

Lab File: VV031972.D

Acq: 31 Aug 2023 19:23

Instrument :

MSVOA_V

ClientSampleId :

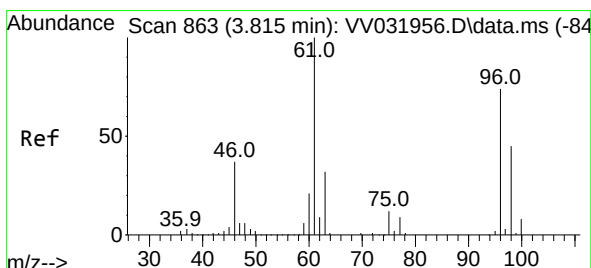
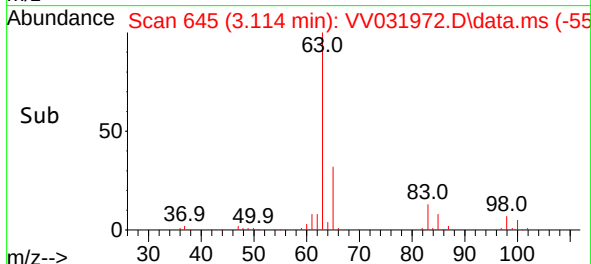
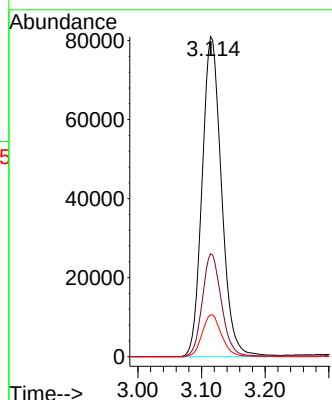
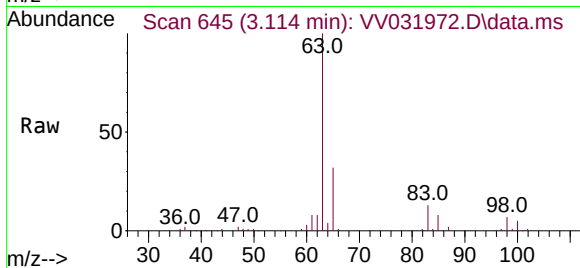
Tgt Ion: 63 Resp: 171906

Ion Ratio Lower Upper

63 100

65 32.1 22.4 41.6

83 13.1 8.7 16.1



#20

cis-1,2-Dichloroethene

Concen: 45.602 ug/L

RT: 3.818 min Scan# 864

Delta R.T. 0.003 min

Lab File: VV031972.D

Acq: 31 Aug 2023 19:23

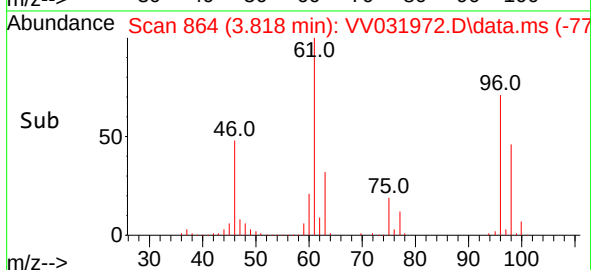
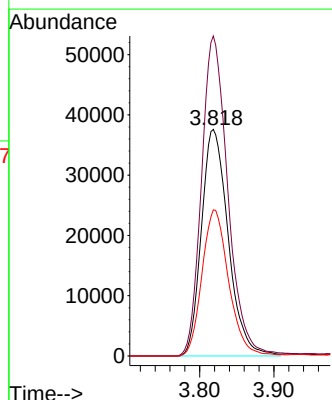
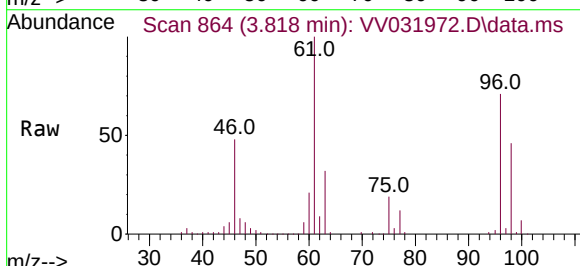
Tgt Ion: 96 Resp: 94431

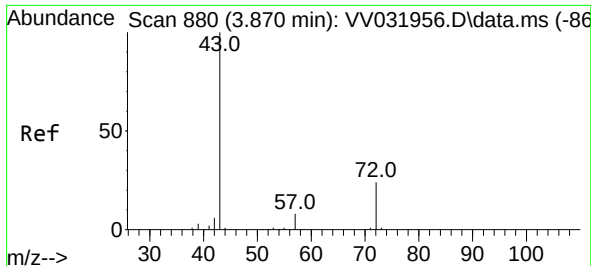
Ion Ratio Lower Upper

96 100

61 141.3 97.3 180.7

98 64.5 45.3 84.1

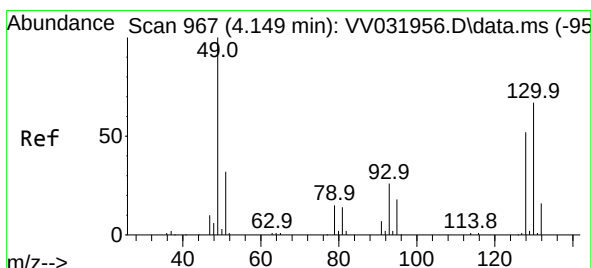
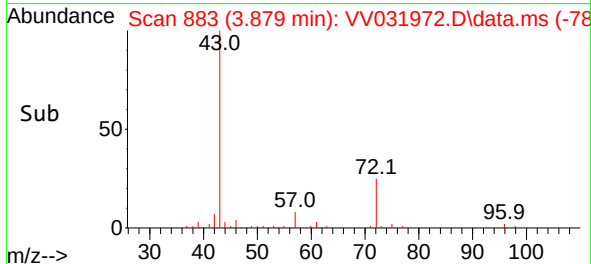
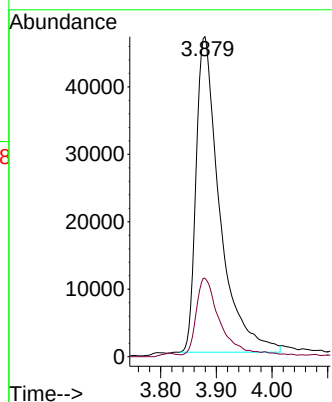
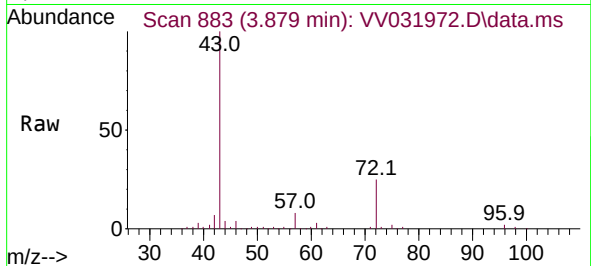




#22
2-Butanone
Concen: 83.026 ug/L
RT: 3.879 min Scan# 880
Delta R.T. 0.010 min
Lab File: VV031972.D
Acq: 31 Aug 2023 19:23

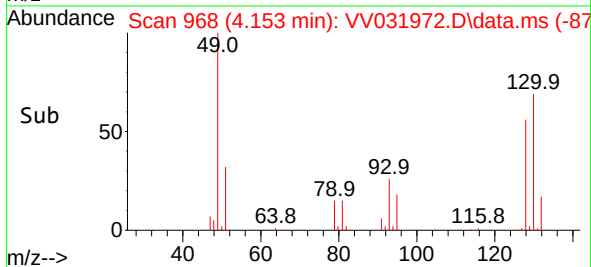
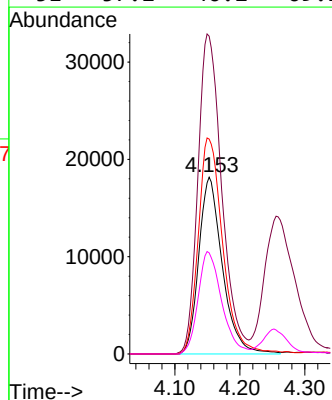
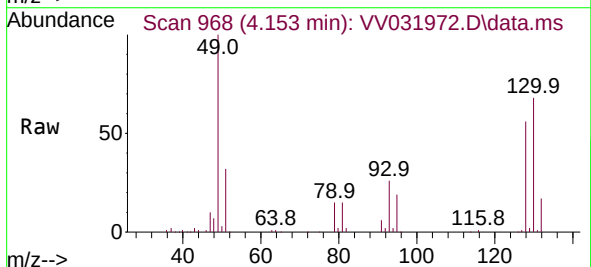
Instrument :
MSVOA_V
ClientSampleId :

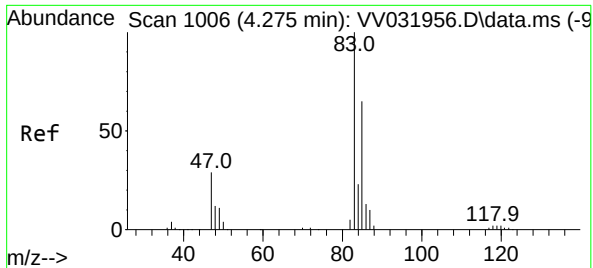
Tgt Ion: 43 Resp: 138259
Ion Ratio Lower Upper
43 100
72 22.9 12.6 37.8



#23
Bromochloromethane
Concen: 45.692 ug/L
RT: 4.153 min Scan# 968
Delta R.T. 0.003 min
Lab File: VV031972.D
Acq: 31 Aug 2023 19:23

Tgt Ion: 128 Resp: 45904
Ion Ratio Lower Upper
128 100
49 179.7 127.8 237.4
130 121.5 90.1 167.3
51 57.2 46.2 69.2

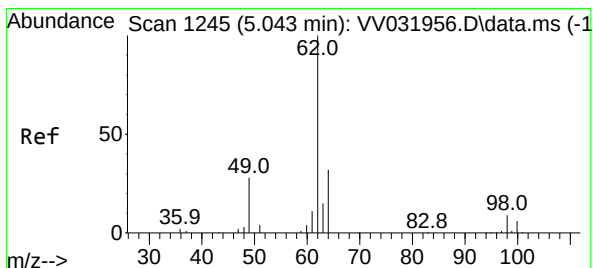
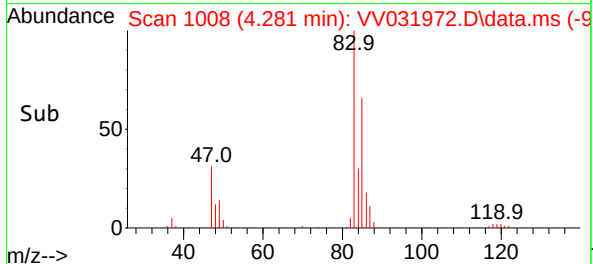
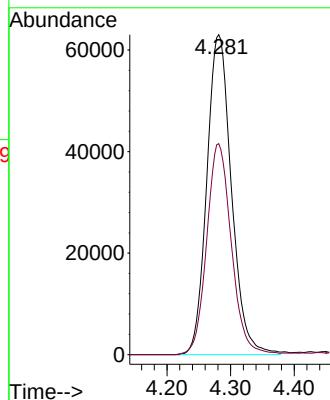
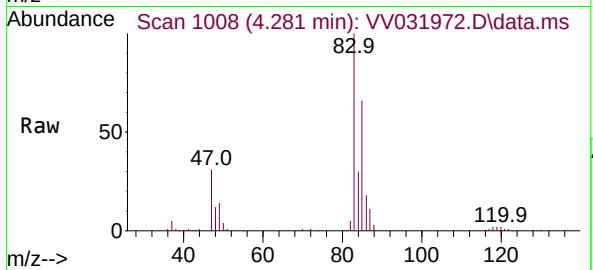




#25
Chloroform
Concen: 44.129 ug/L
RT: 4.281 min Scan# 1006
Delta R.T. 0.007 min
Lab File: VV031972.D
Acq: 31 Aug 2023 19:23

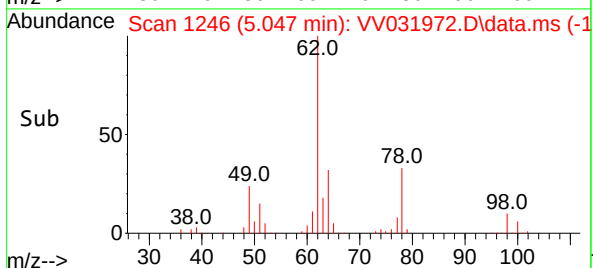
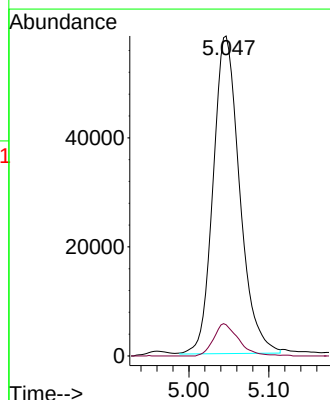
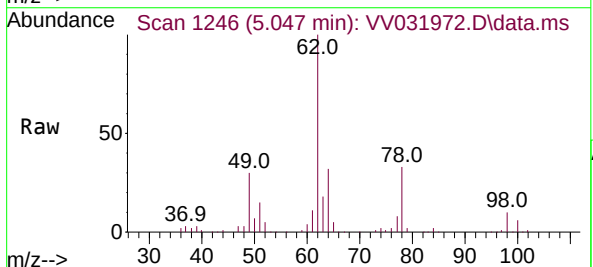
Instrument :
MSVOA_V
ClientSampleId :

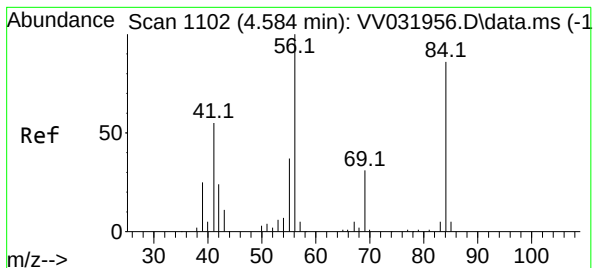
Tgt Ion: 83 Resp: 169714
Ion Ratio Lower Upper
83 100
85 66.0 44.9 83.3



#27
1,2-Dichloroethane
Concen: 44.279 ug/L
RT: 5.047 min Scan# 1246
Delta R.T. 0.003 min
Lab File: VV031972.D
Acq: 31 Aug 2023 19:23

Tgt Ion: 62 Resp: 134159
Ion Ratio Lower Upper
62 100
98 9.7 7.0 10.4





#29

Cyclohexane

Concen: 46.710 ug/L

RT: 4.587 min Scan# 1102

Delta R.T. 0.003 min

Lab File: VV031972.D

Acq: 31 Aug 2023 19:23

Instrument :

MSVOA_V

ClientSampleId :

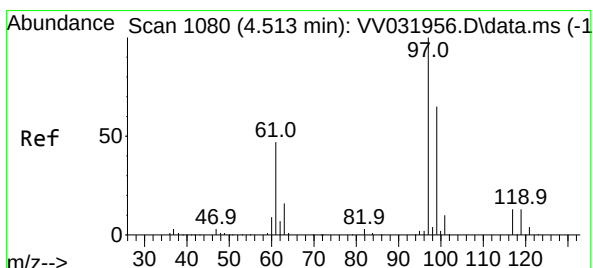
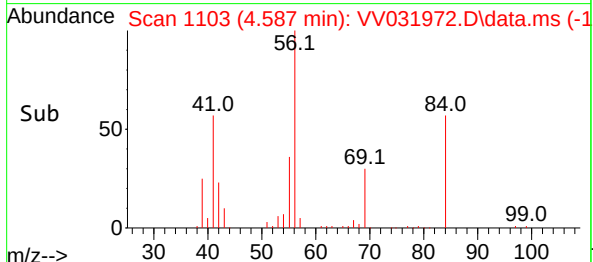
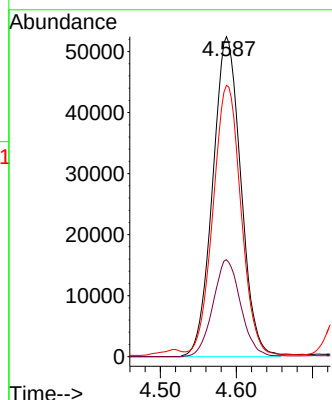
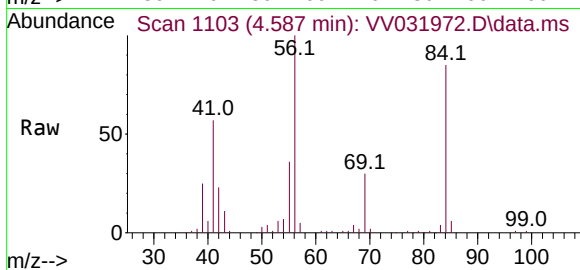
Tgt Ion: 56 Resp: 134752

Ion Ratio Lower Upper

56 100

69 29.8 24.2 36.4

84 83.3 67.5 101.3



#30

1,1,1-Trichloroethane

Concen: 44.602 ug/L

RT: 4.516 min Scan# 1081

Delta R.T. 0.003 min

Lab File: VV031972.D

Acq: 31 Aug 2023 19:23

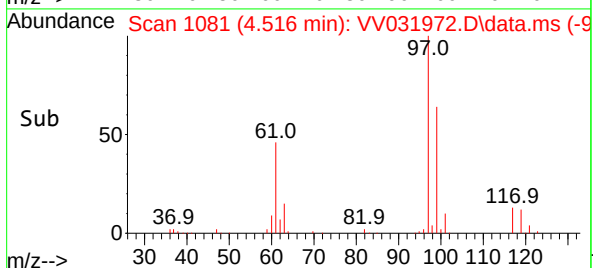
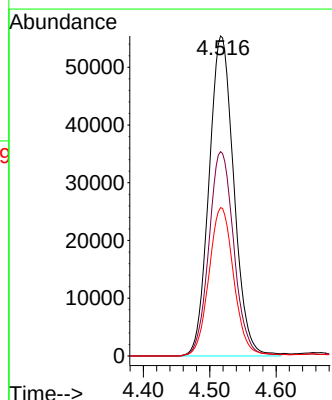
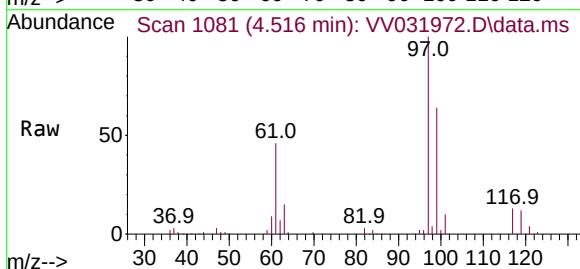
Tgt Ion: 97 Resp: 144146

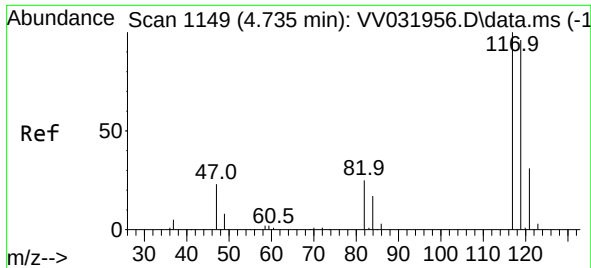
Ion Ratio Lower Upper

97 100

99 64.2 51.0 76.4

61 46.1 36.5 54.7

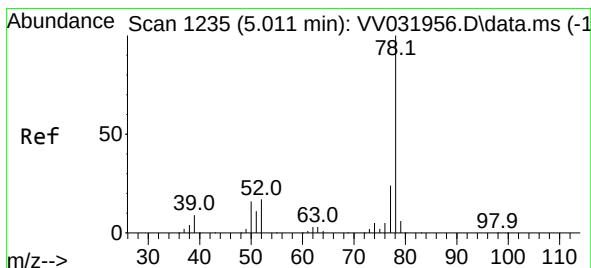
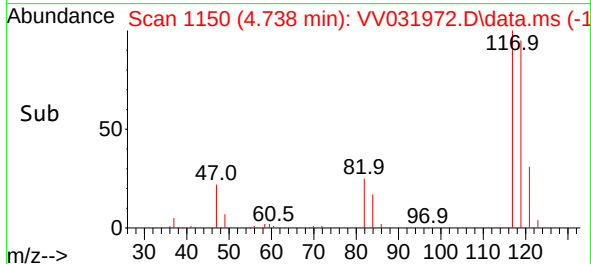
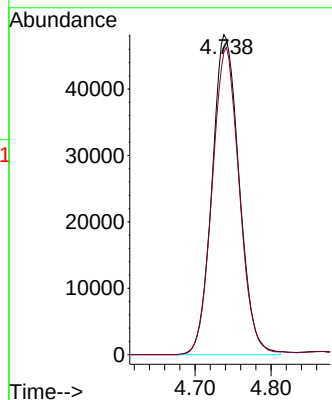
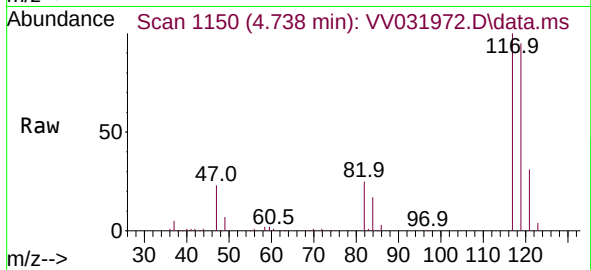




#31
Carbon tetrachloride
Concen: 43.480 ug/L
RT: 4.738 min Scan# 1149
Delta R.T. 0.003 min
Lab File: VV031972.D
Acq: 31 Aug 2023 19:23

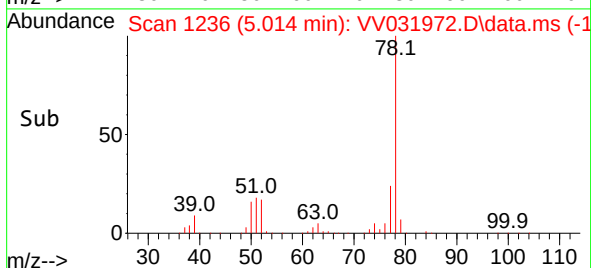
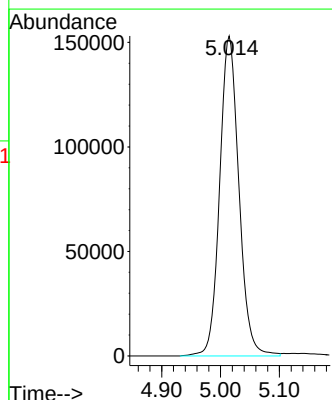
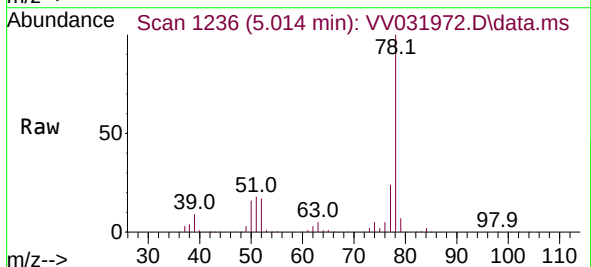
Instrument :
MSVOA_V
ClientSampleId :

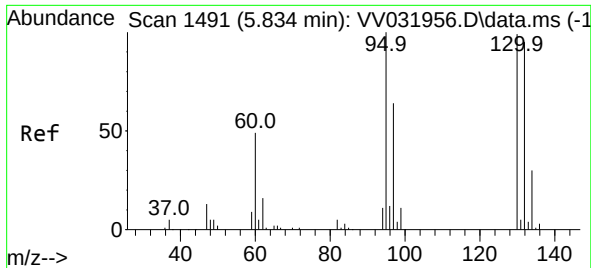
Tgt Ion:117 Resp: 119322
Ion Ratio Lower Upper
117 100
119 95.7 75.4 113.2



#33
Benzene
Concen: 46.692 ug/L
RT: 5.014 min Scan# 1236
Delta R.T. 0.003 min
Lab File: VV031972.D
Acq: 31 Aug 2023 19:23

Tgt Ion: 78 Resp: 347608

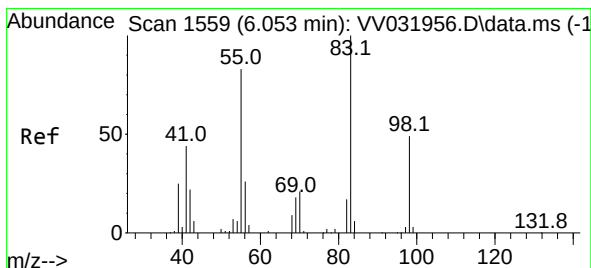
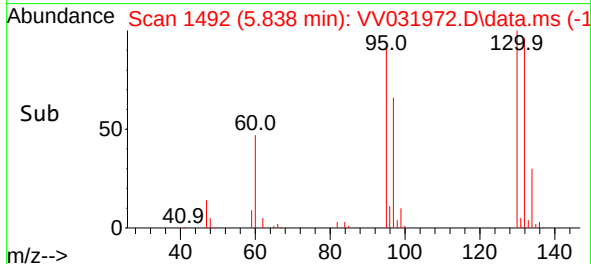
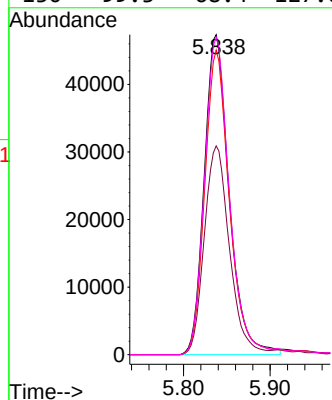
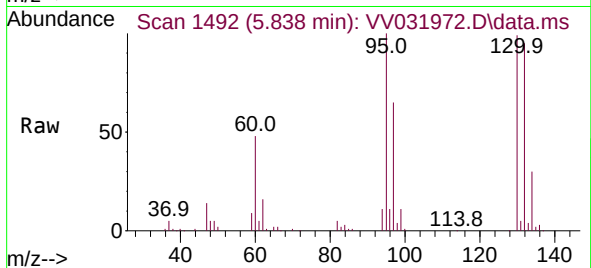




#34
Trichloroethene
Concen: 41.765 ug/L
RT: 5.838 min Scan# 1492
Delta R.T. 0.003 min
Lab File: VV031972.D
Acq: 31 Aug 2023 19:23

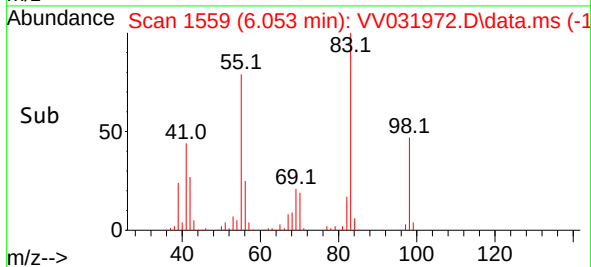
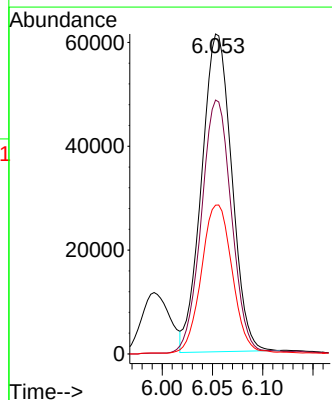
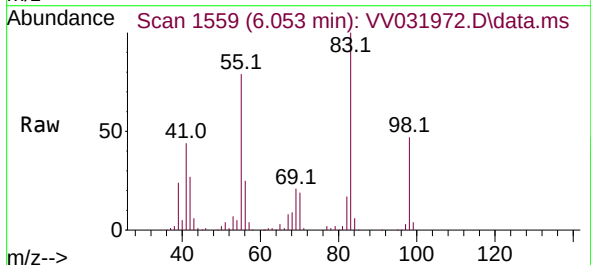
Instrument :
MSVOA_V
ClientSampleId :

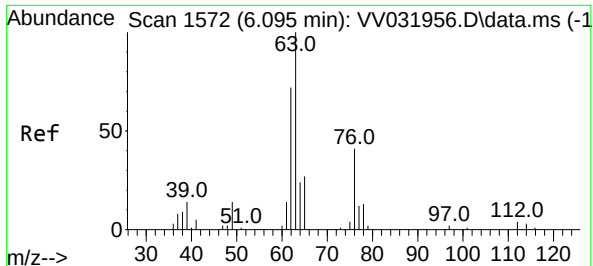
Tgt Ion: 95 Resp: 95092
Ion Ratio Lower Upper
95 100
97 65.2 45.4 84.2
132 95.2 65.4 121.4
130 99.3 68.4 127.0



#35
Methylcyclohexane
Concen: 42.200 ug/L
RT: 6.053 min Scan# 1559
Delta R.T. 0.000 min
Lab File: VV031972.D
Acq: 31 Aug 2023 19:23

Tgt Ion: 83 Resp: 127798
Ion Ratio Lower Upper
83 100
55 81.0 62.2 93.2
98 47.7 36.7 55.1





#37

1,2-Dichloropropane

Concen: 46.888 ug/L

RT: 6.098 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV031972.D

Acq: 31 Aug 2023 19:23

Instrument :

MSVOA_V

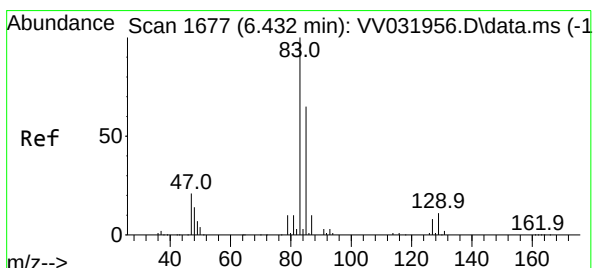
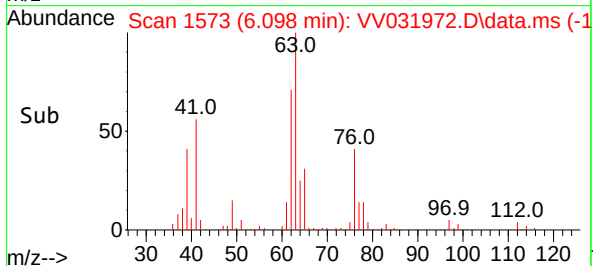
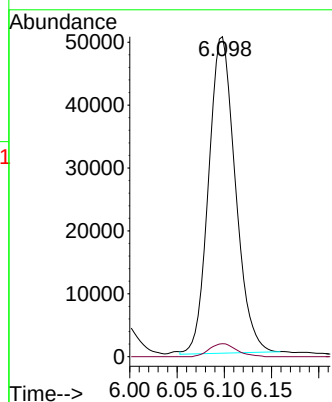
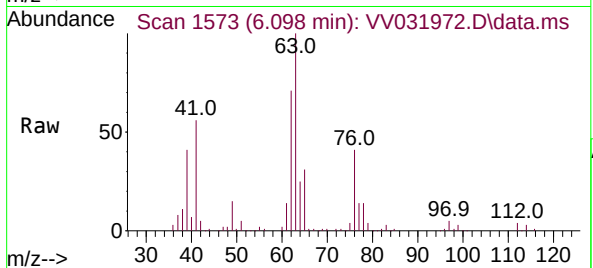
ClientSampleId :

Tgt Ion: 63 Resp: 98942

Ion Ratio Lower Upper

63 100

112 4.2 3.5 5.3



#38

Bromodichloromethane

Concen: 44.057 ug/L

RT: 6.436 min Scan# 1678

Delta R.T. 0.003 min

Lab File: VV031972.D

Acq: 31 Aug 2023 19:23

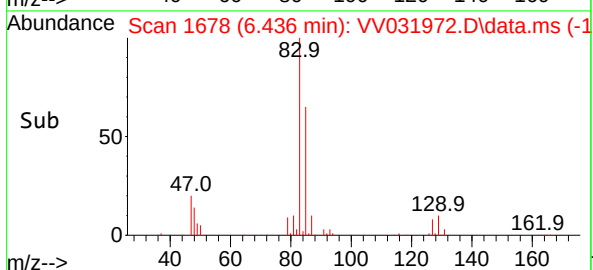
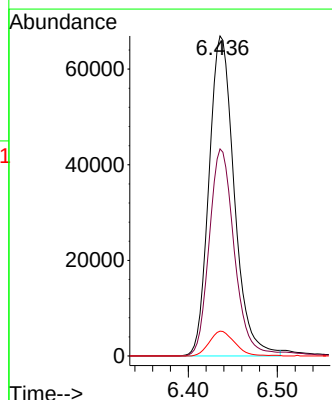
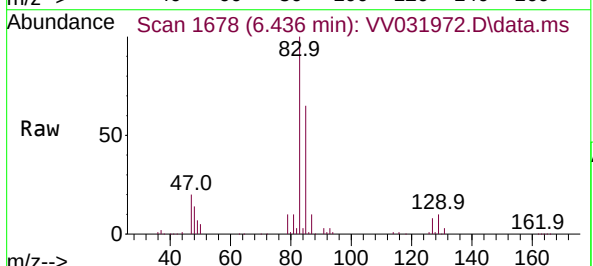
Tgt Ion: 83 Resp: 131960

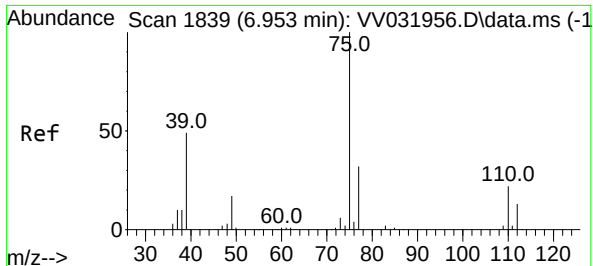
Ion Ratio Lower Upper

83 100

85 64.7 45.2 84.0

127 7.8 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 45.863 ug/L

RT: 6.957 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV031972.D

Acq: 31 Aug 2023 19:23

Instrument :

MSVOA_V

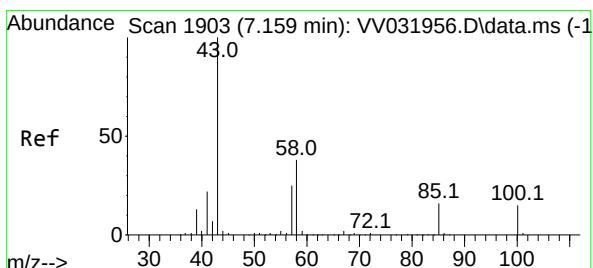
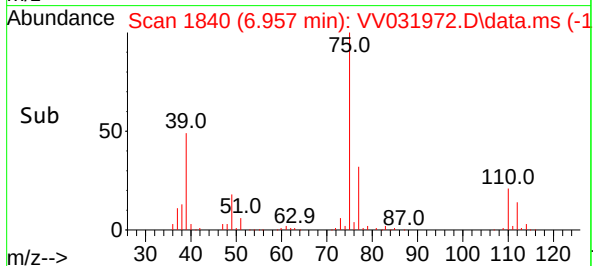
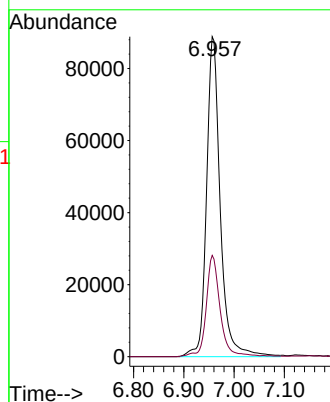
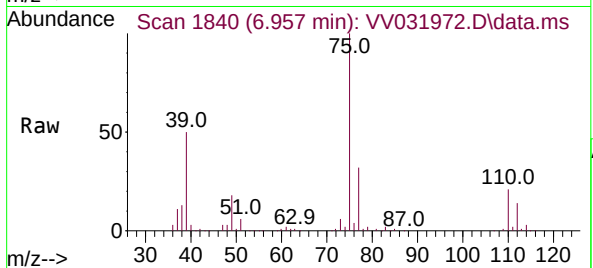
ClientSampleId :

Tgt Ion: 75 Resp: 168258

Ion Ratio Lower Upper

75 100

77 31.6 21.4 39.8



#40

4-Methyl-2-pentanone

Concen: 94.188 ug/L

RT: 7.162 min Scan# 1904

Delta R.T. 0.003 min

Lab File: VV031972.D

Acq: 31 Aug 2023 19:23

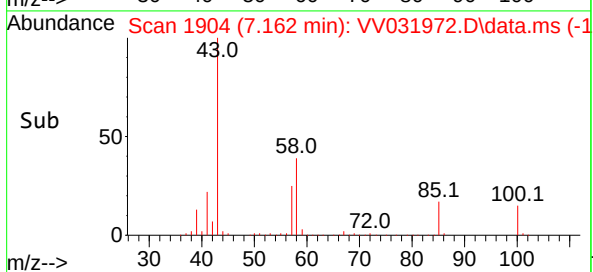
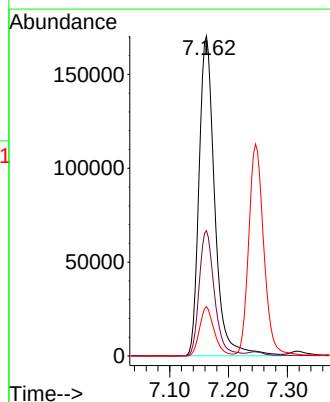
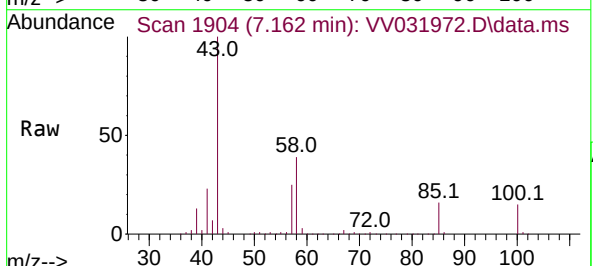
Tgt Ion: 43 Resp: 315458

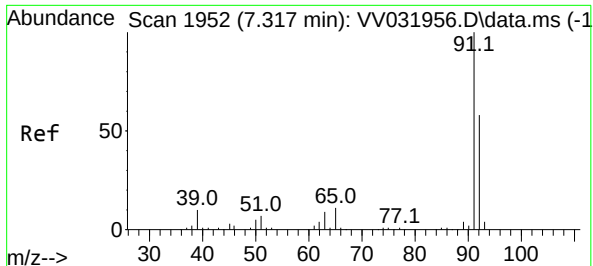
Ion Ratio Lower Upper

43 100

58 38.2 31.1 46.7

100 14.3 11.9 17.9





#42

Toluene

Concen: 46.393 ug/L

RT: 7.320 min Scan# 1952

Delta R.T. 0.003 min

Lab File: VV031972.D

Acq: 31 Aug 2023 19:23

Instrument :

MSVOA_V

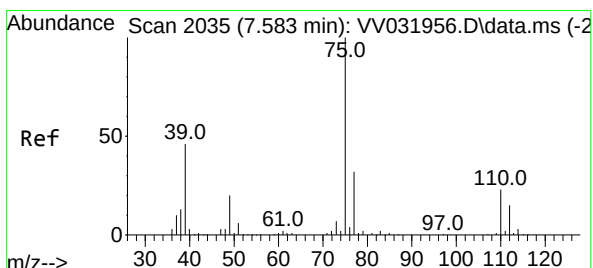
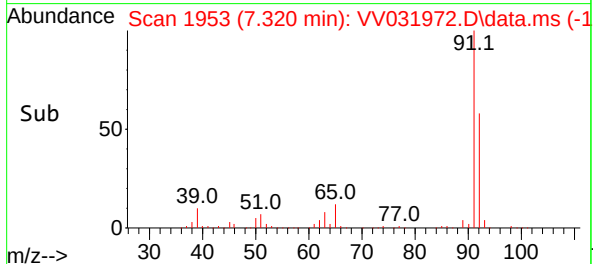
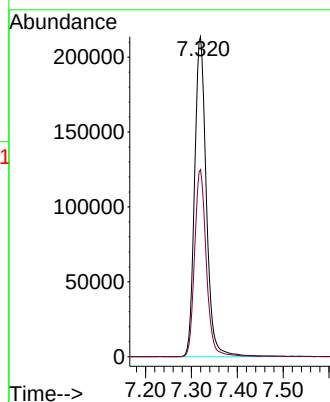
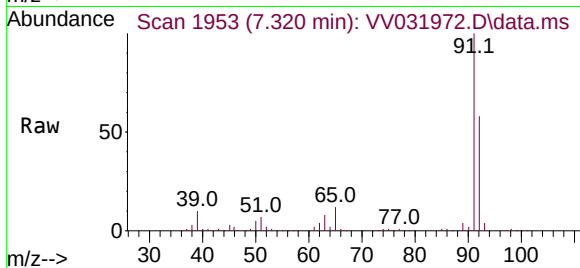
ClientSampleId :

Tgt Ion: 91 Resp: 379923

Ion Ratio Lower Upper

91 100

92 58.5 40.7 75.7



#44

trans-1,3-Dichloropropene

Concen: 44.434 ug/L

RT: 7.583 min Scan# 2035

Delta R.T. 0.000 min

Lab File: VV031972.D

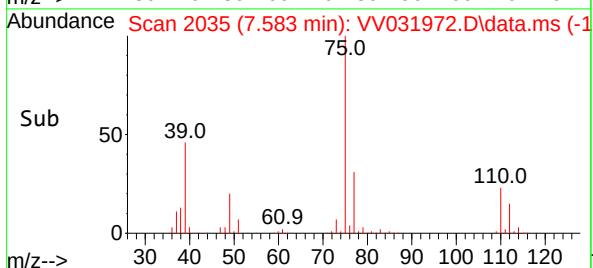
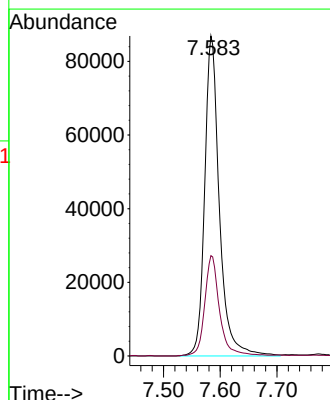
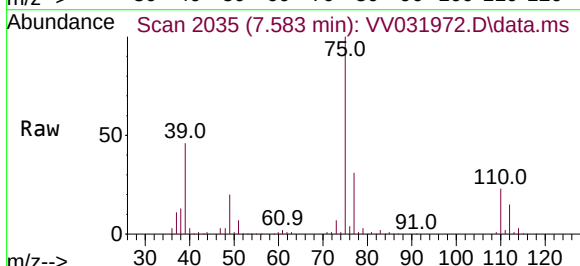
Acq: 31 Aug 2023 19:23

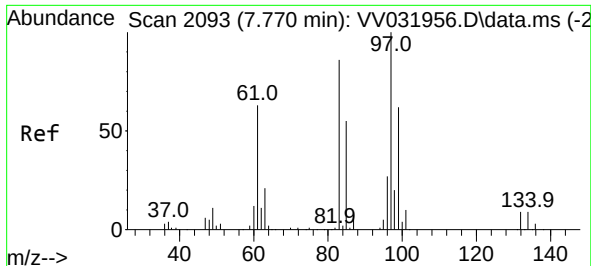
Tgt Ion: 75 Resp: 156630

Ion Ratio Lower Upper

75 100

77 31.4 22.5 41.9

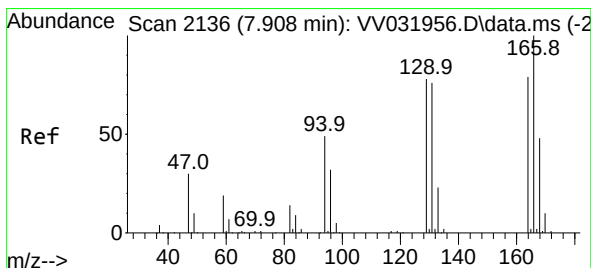
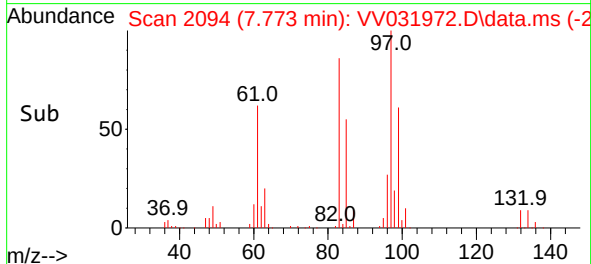
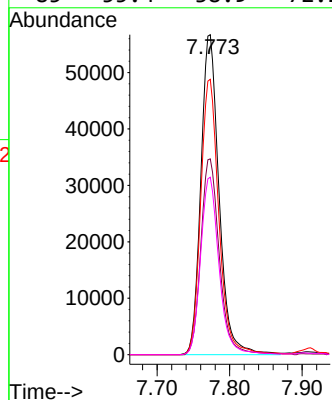
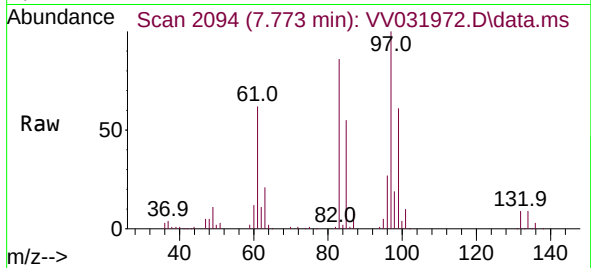




#45
1,1,2-Trichloroethane
Concen: 46.535 ug/L
RT: 7.773 min Scan# 2093
Delta R.T. 0.003 min
Lab File: VV031972.D
Acq: 31 Aug 2023 19:23

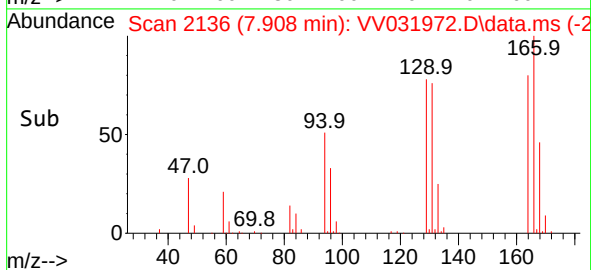
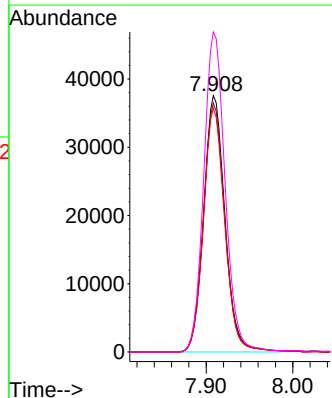
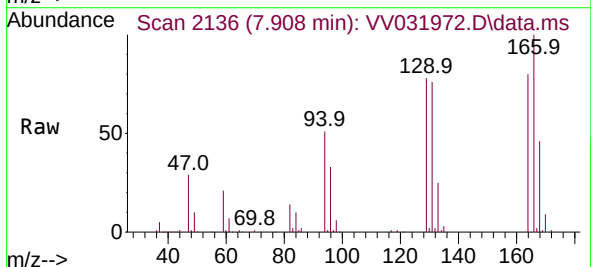
Instrument :
MSVOA_V
ClientSampleId :

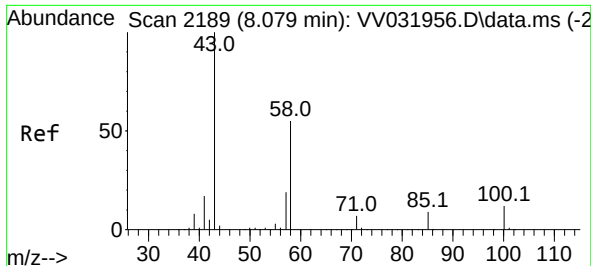
Tgt Ion:	97	Resp:	99206
Ion	Ratio	Lower	Upper
97	100		
99	61.2	43.0	79.8
83	86.1	61.2	113.6
85	55.4	38.9	72.2



#46
Tetrachloroethene
Concen: 44.854 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.000 min
Lab File: VV031972.D
Acq: 31 Aug 2023 19:23

Tgt Ion:	164	Resp:	64125
Ion	Ratio	Lower	Upper
164	100		
129	97.0	68.3	126.9
131	95.1	64.9	120.5
166	124.8	86.7	160.9



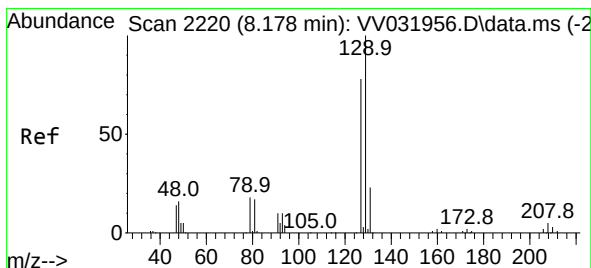
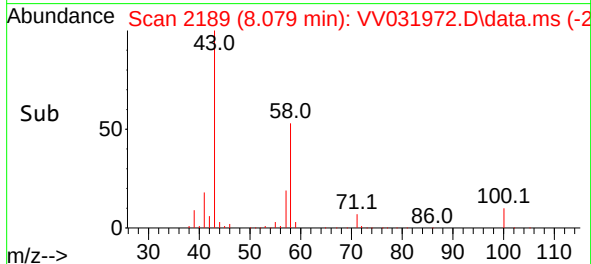
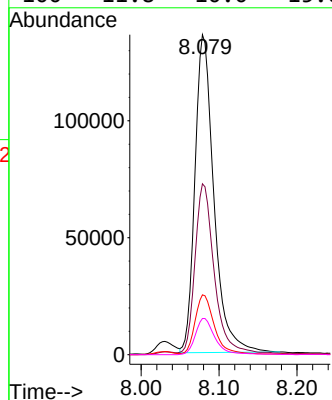
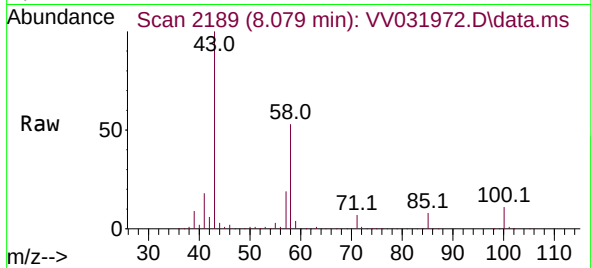


#48
2-Hexanone
Concen: 90.079 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. 0.000 min
Lab File: VV031972.D
Acq: 31 Aug 2023 19:23

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 230398

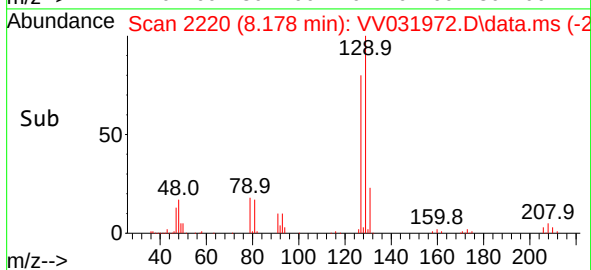
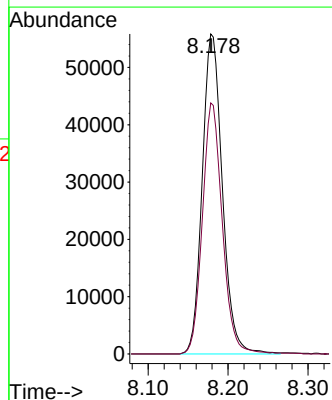
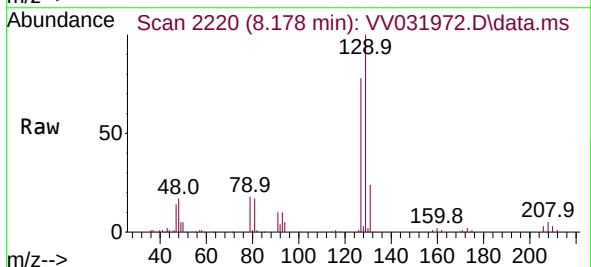
Ion	Ratio	Lower	Upper
43	100		
58	53.3	44.0	66.0
57	18.9	15.9	23.9
100	11.8	10.0	15.0

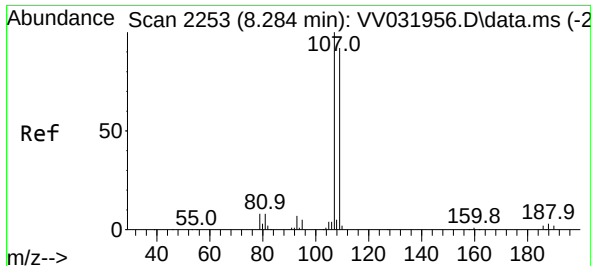


#49
Dibromochloromethane
Concen: 44.659 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. 0.000 min
Lab File: VV031972.D
Acq: 31 Aug 2023 19:23

Tgt Ion: 129 Resp: 97835

Ion	Ratio	Lower	Upper
129	100		
127	78.5	54.7	101.7





#50

1,2-Dibromoethane

Concen: 44.197 ug/L

RT: 8.284 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV031972.D

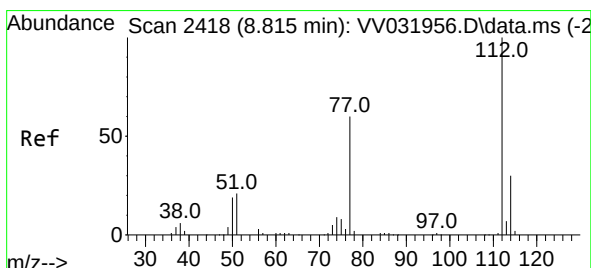
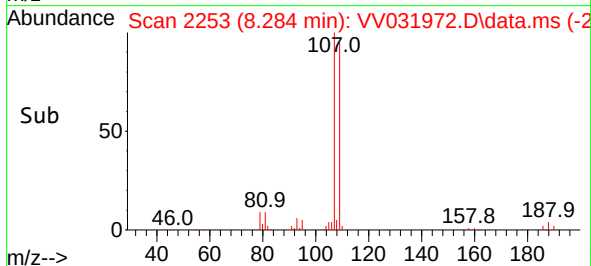
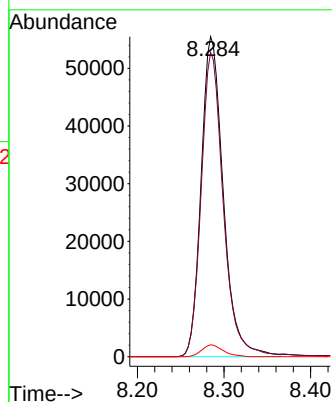
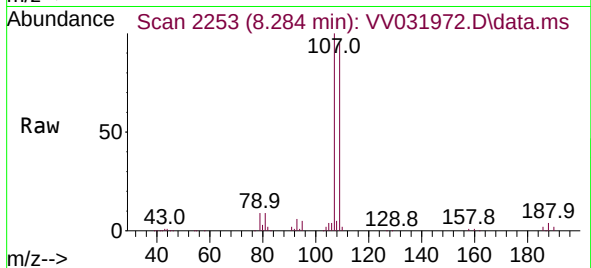
Acq: 31 Aug 2023 19:23

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	98688
Ion Ratio	Lower	Upper
107	100	
109	95.1	65.4 121.4
188	3.7	2.8 4.2



#51

Chlorobenzene

Concen: 46.057 ug/L

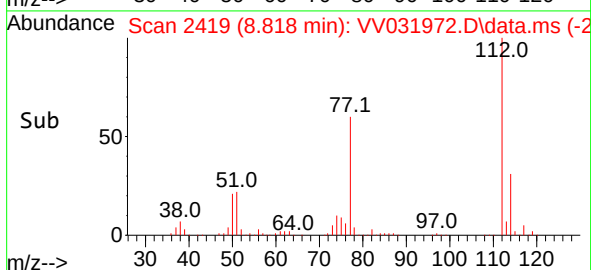
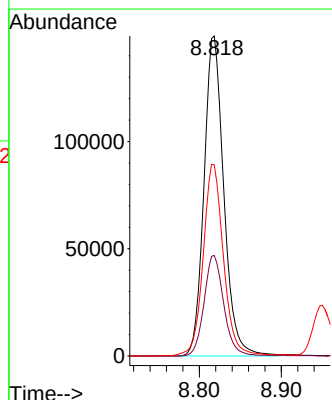
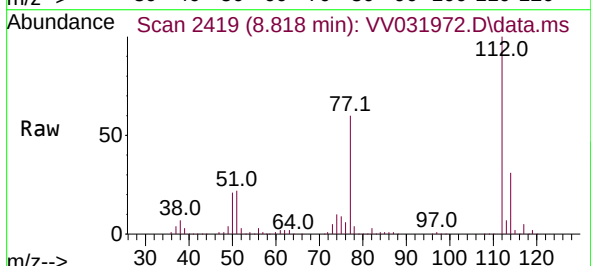
RT: 8.818 min Scan# 2419

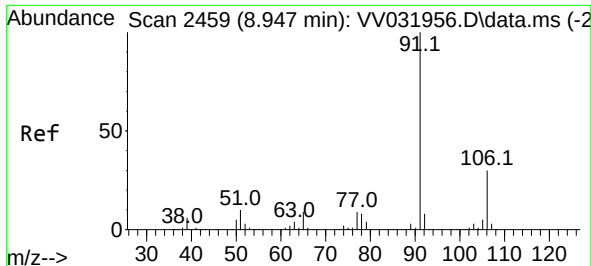
Delta R.T. 0.003 min

Lab File: VV031972.D

Acq: 31 Aug 2023 19:23

Tgt Ion:112	Resp:	250623
Ion Ratio	Lower	Upper
112	100	
114	31.4	22.0 40.8
77	59.8	49.4 74.0





#52

Ethylbenzene

Concen: 45.427 ug/L

RT: 8.950 min Scan# 2459

Delta R.T. 0.003 min

Lab File: VV031972.D

Acq: 31 Aug 2023 19:23

Instrument :

MSVOA_V

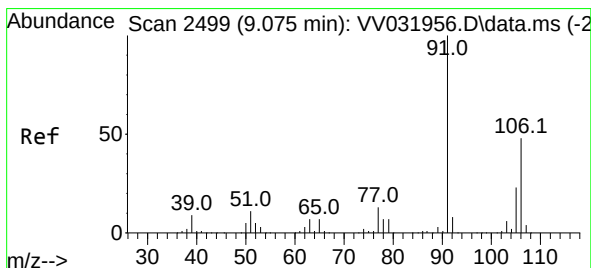
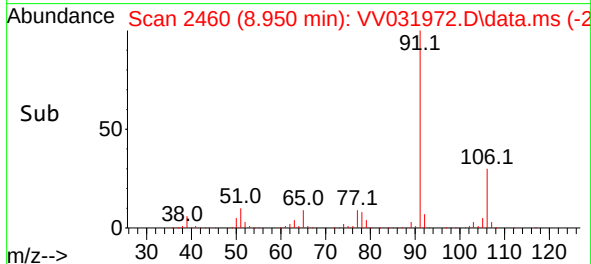
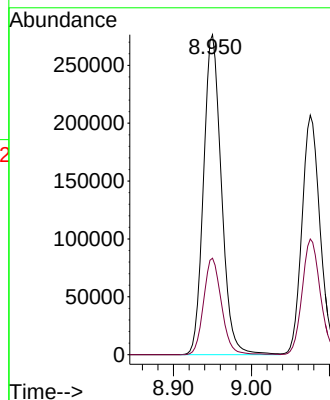
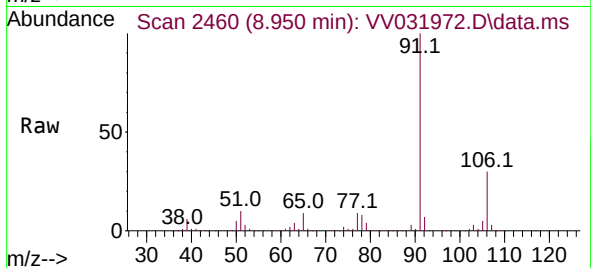
ClientSampleId :

Tgt Ion: 91 Resp: 440672

Ion Ratio Lower Upper

91 100

106 30.1 21.5 39.9



#53

m,p-Xylene

Concen: 45.344 ug/L

RT: 9.075 min Scan# 2499

Delta R.T. 0.000 min

Lab File: VV031972.D

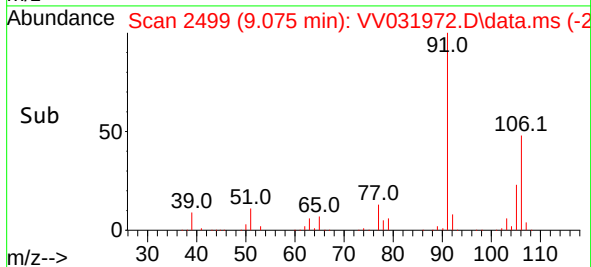
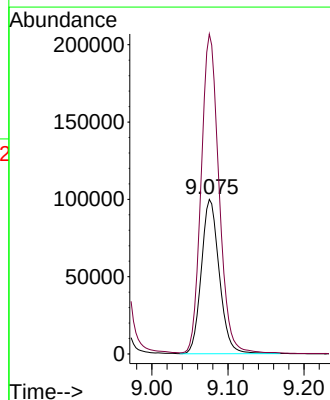
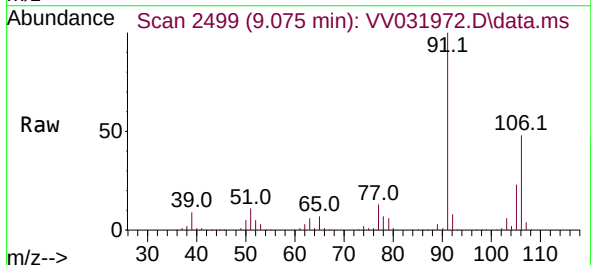
Acq: 31 Aug 2023 19:23

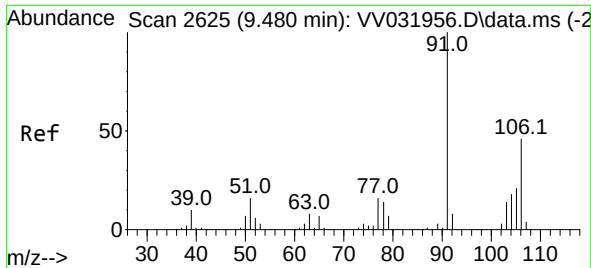
Tgt Ion:106 Resp: 163320

Ion Ratio Lower Upper

106 100

91 207.0 147.0 273.0

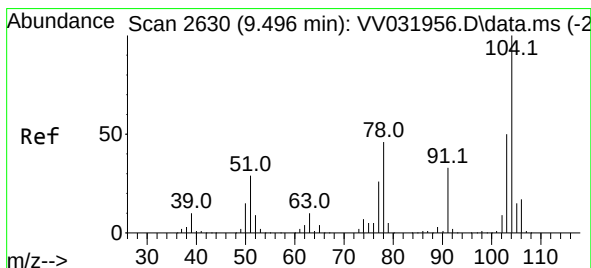
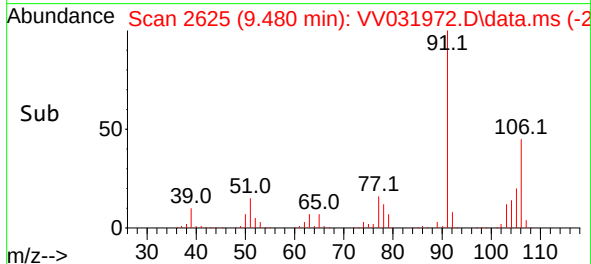
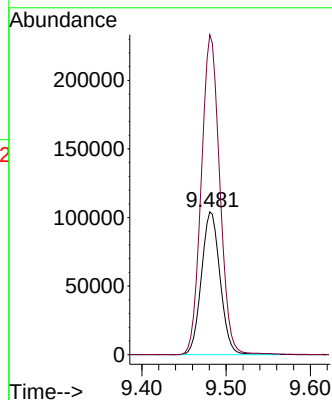
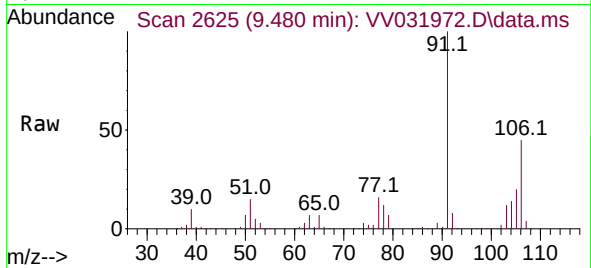




#54
o-Xylene
Concen: 44.957 ug/L
RT: 9.480 min Scan# 2625
Delta R.T. 0.000 min
Lab File: VV031972.D
Acq: 31 Aug 2023 19:23

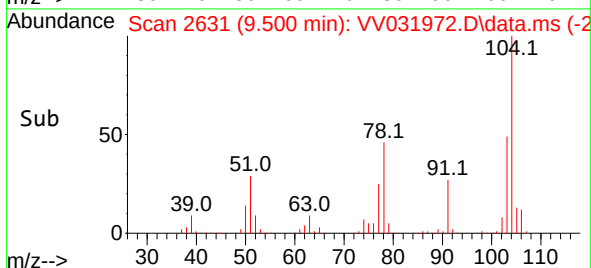
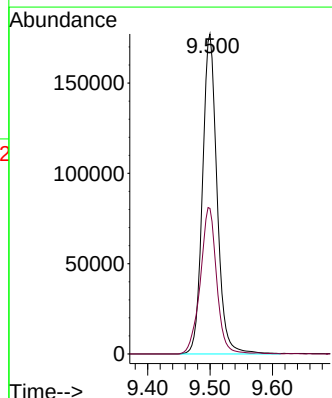
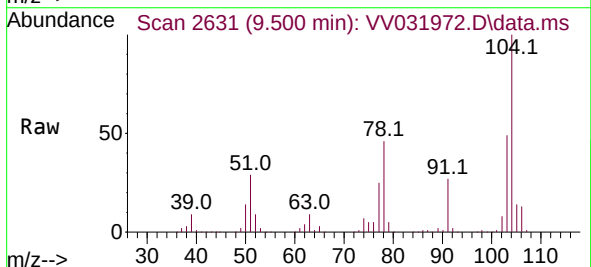
Instrument :
MSVOA_V
ClientSampleId :

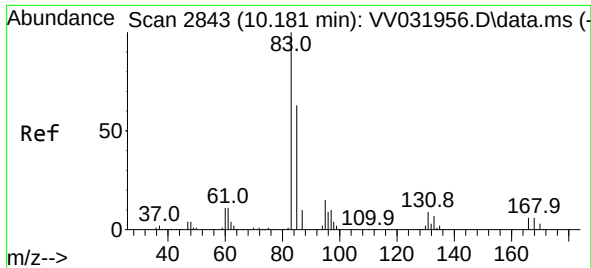
Tgt Ion:106 Resp: 161047
Ion Ratio Lower Upper
106 100
91 223.9 154.3 286.5



#55
Styrene
Concen: 45.410 ug/L
RT: 9.500 min Scan# 2631
Delta R.T. 0.003 min
Lab File: VV031972.D
Acq: 31 Aug 2023 19:23

Tgt Ion:104 Resp: 287569
Ion Ratio Lower Upper
104 100
78 45.5 32.3 59.9

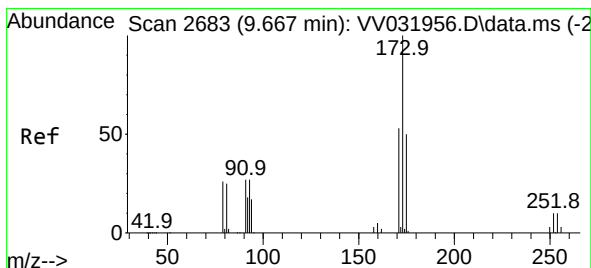
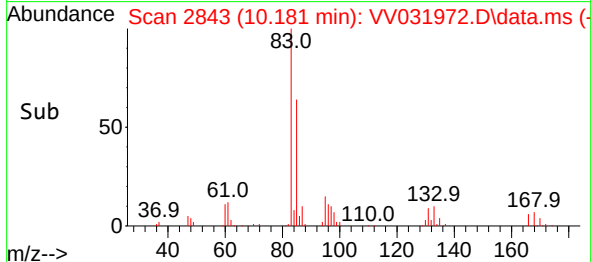
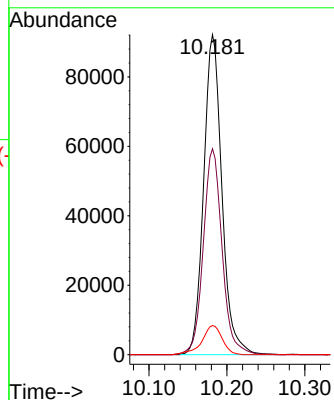
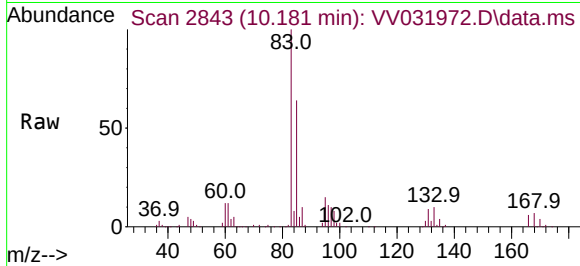




#57
1,1,2,2-Tetrachloroethane
Concen: 49.683 ug/L
RT: 10.181 min Scan# 2843
Delta R.T. 0.000 min
Lab File: VV031972.D
Acq: 31 Aug 2023 19:23

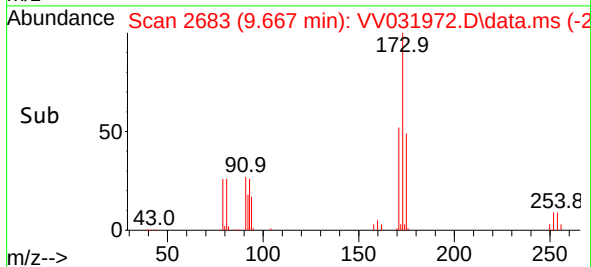
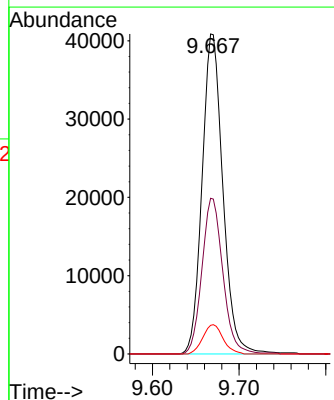
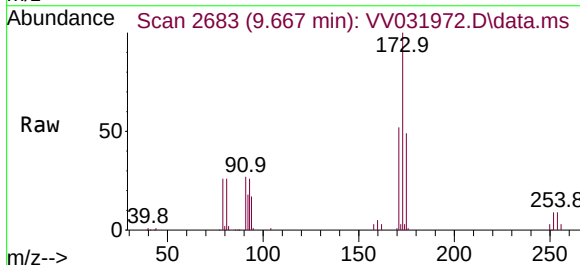
Instrument :
MSVOA_V
ClientSampleId :

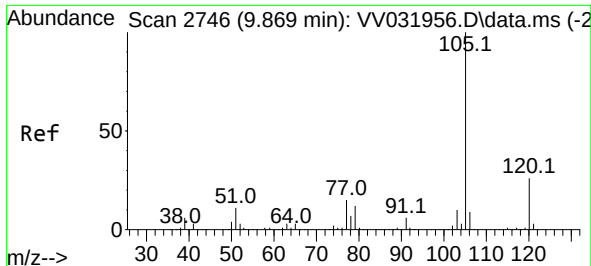
Tgt Ion: 83 Resp: 149937
Ion Ratio Lower Upper
83 100
85 64.3 45.1 83.9
131 9.1 7.4 11.2



#59
Bromoform
Concen: 43.749 ug/L
RT: 9.667 min Scan# 2683
Delta R.T. 0.000 min
Lab File: VV031972.D
Acq: 31 Aug 2023 19:23

Tgt Ion: 173 Resp: 68060
Ion Ratio Lower Upper
173 100
175 48.9 38.3 57.5
254 8.9 6.9 10.3

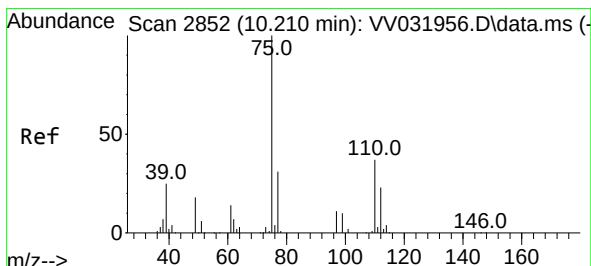
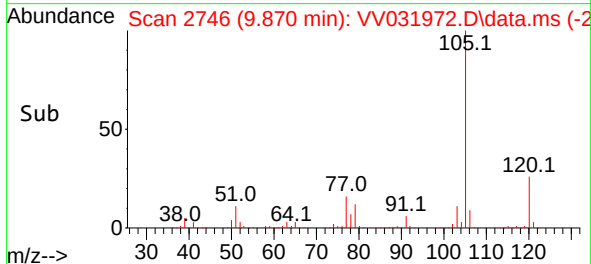
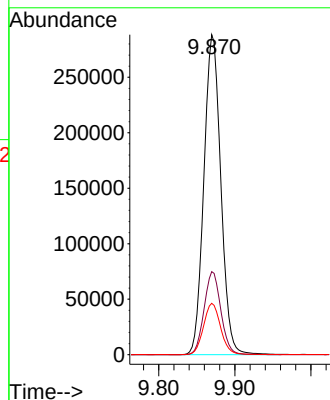
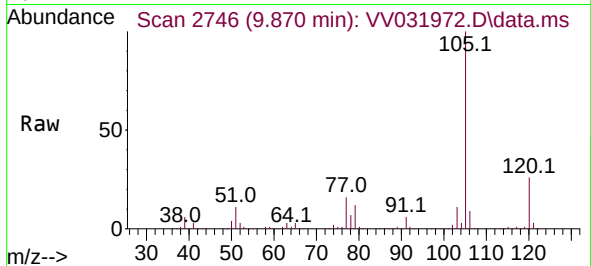




#60
Isopropylbenzene
Concen: 44.511 ug/L
RT: 9.870 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV031972.D
Acq: 31 Aug 2023 19:23

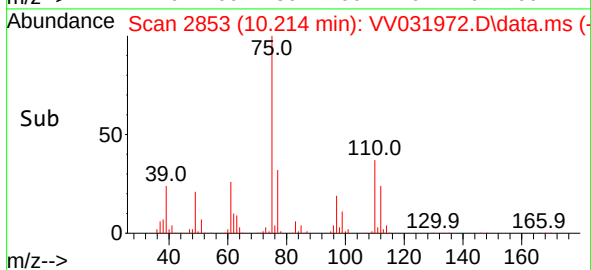
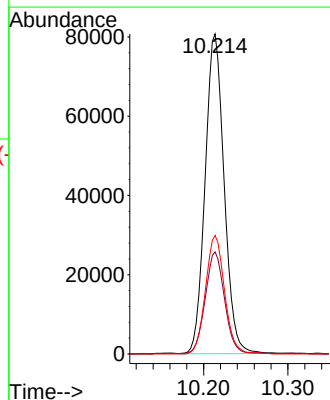
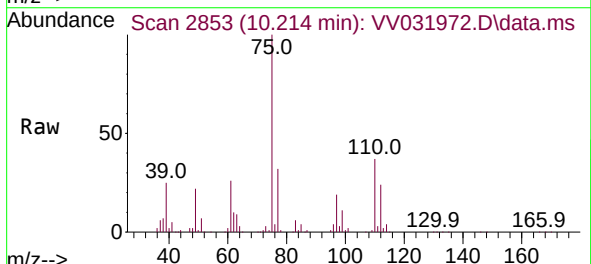
Instrument :
MSVOA_V
ClientSampleId :

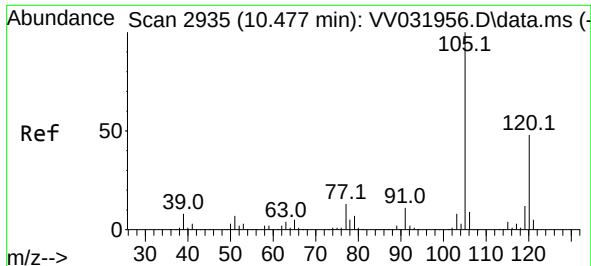
Tgt Ion:105 Resp: 447256
Ion Ratio Lower Upper
105 100
120 25.7 20.6 31.0
77 16.2 12.8 19.2



#61
1,2,3-Trichloropropane
Concen: 44.781 ug/L
RT: 10.214 min Scan# 2853
Delta R.T. 0.003 min
Lab File: VV031972.D
Acq: 31 Aug 2023 19:23

Tgt Ion: 75 Resp: 126924
Ion Ratio Lower Upper
75 100
77 32.0 25.7 38.5
110 37.1 30.3 45.5





#62

1,3,5-Trimethylbenzene

Concen: 43.319 ug/L

RT: 10.480 min Scan# 2935

Delta R.T. 0.003 min

Lab File: VV031972.D

Acq: 31 Aug 2023 19:23

Instrument :

MSVOA_V

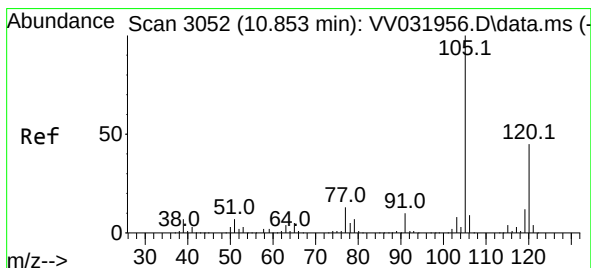
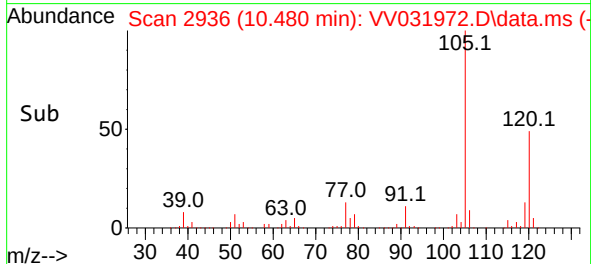
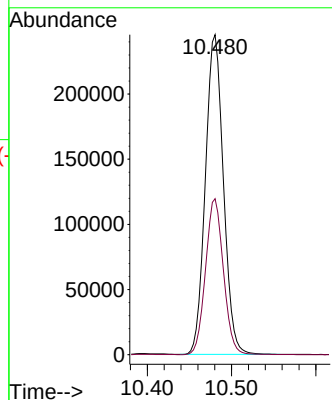
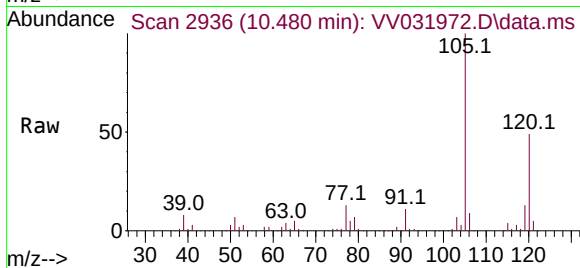
ClientSampleId :

Tgt Ion:105 Resp: 366203

Ion Ratio Lower Upper

105 100

120 48.4 38.2 57.4



#63

1,2,4-Trimethylbenzene

Concen: 43.498 ug/L

RT: 10.853 min Scan# 3052

Delta R.T. 0.000 min

Lab File: VV031972.D

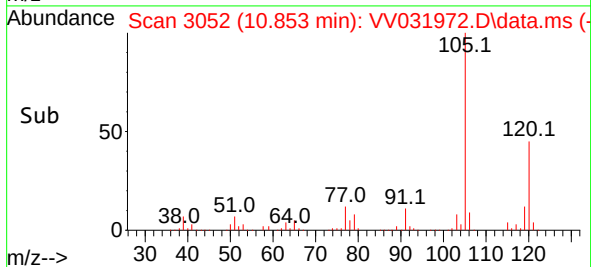
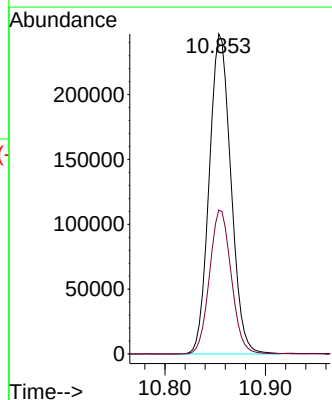
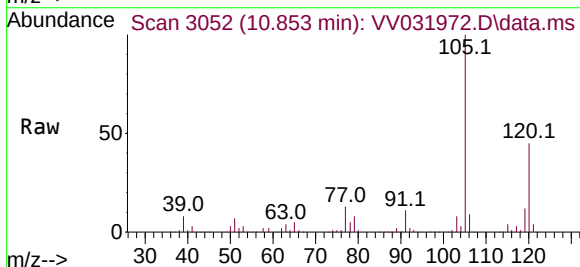
Acq: 31 Aug 2023 19:23

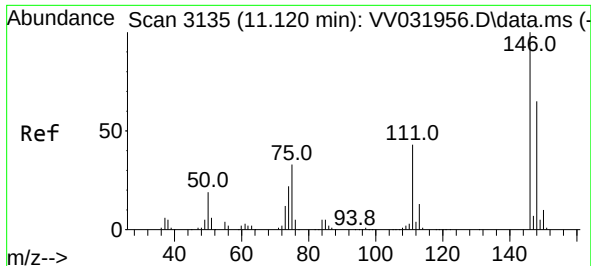
Tgt Ion:105 Resp: 369908

Ion Ratio Lower Upper

105 100

120 44.9 35.9 53.9

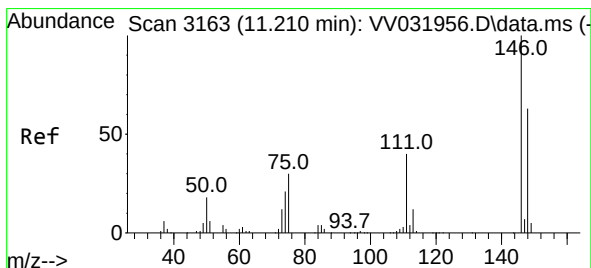
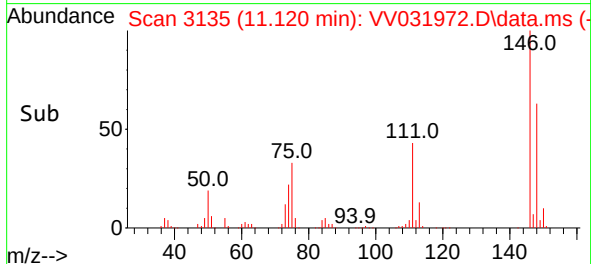
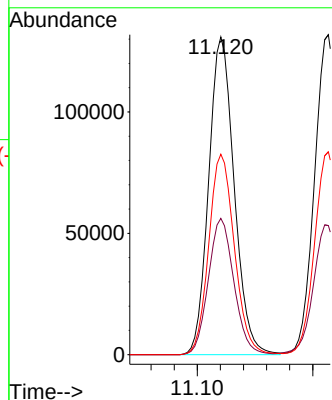
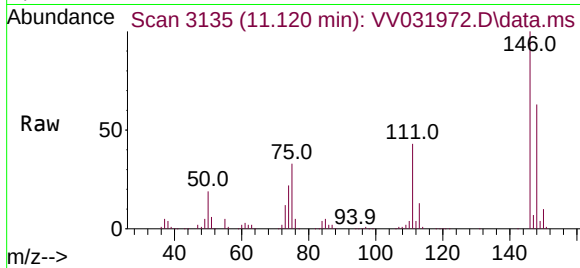




#64
1,3-Dichlorobenzene
Concen: 44.569 ug/L
RT: 11.120 min Scan# 3135
Delta R.T. 0.000 min
Lab File: VV031972.D
Acq: 31 Aug 2023 19:23

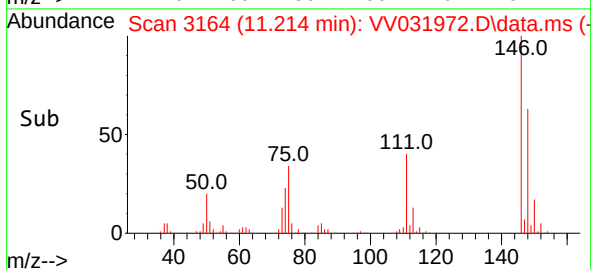
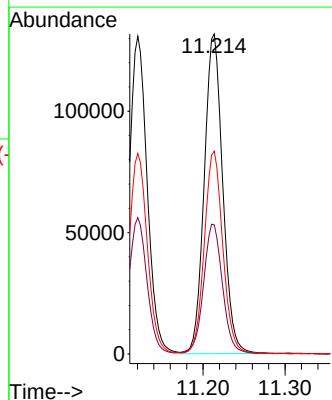
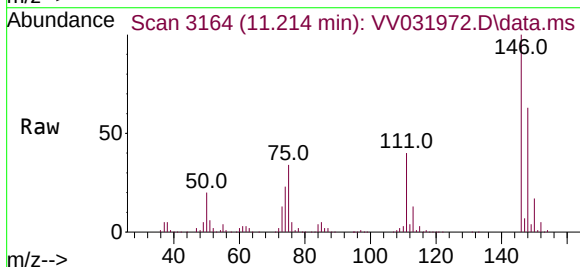
Instrument :
MSVOA_V
ClientSampleId :

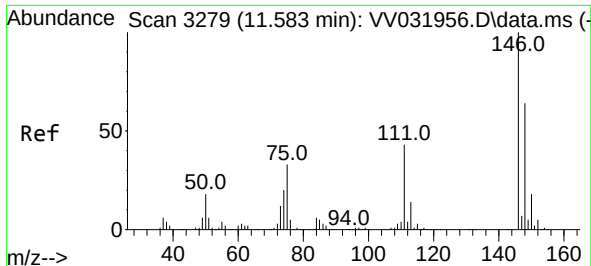
Tgt Ion:146 Resp: 200704
Ion Ratio Lower Upper
146 100
111 42.9 30.2 56.0
148 63.1 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 45.008 ug/L
RT: 11.214 min Scan# 3164
Delta R.T. 0.003 min
Lab File: VV031972.D
Acq: 31 Aug 2023 19:23

Tgt Ion:146 Resp: 206095
Ion Ratio Lower Upper
146 100
111 40.3 28.5 52.9
148 63.4 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 44.998 ug/L

RT: 11.583 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV031972.D

Acq: 31 Aug 2023 19:23

Instrument :

MSVOA_V

ClientSampleId :

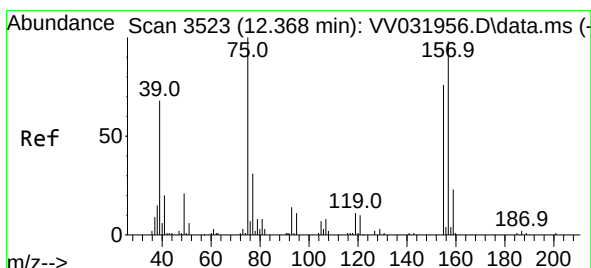
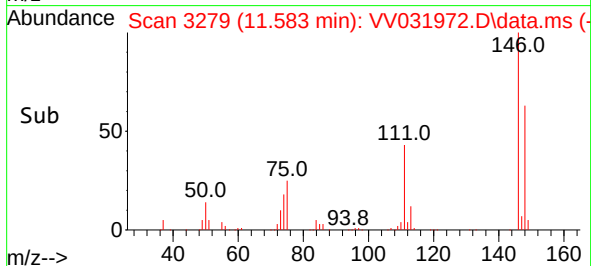
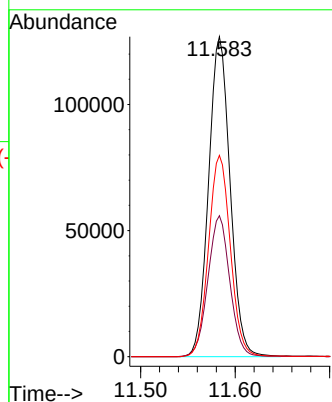
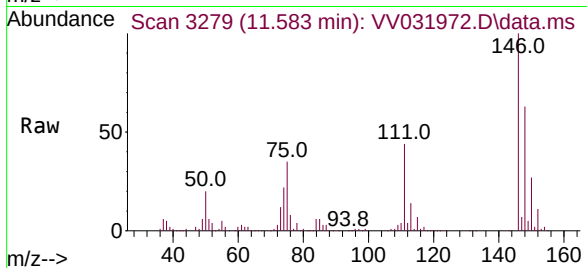
Tgt Ion:146 Resp: 200794

Ion Ratio Lower Upper

146 100

111 44.1 35.8 53.6

148 62.9 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 42.567 ug/L

RT: 12.368 min Scan# 3523

Delta R.T. 0.000 min

Lab File: VV031972.D

Acq: 31 Aug 2023 19:23

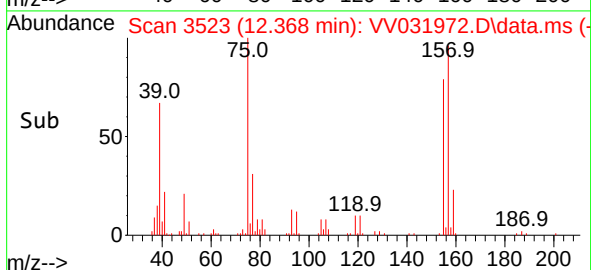
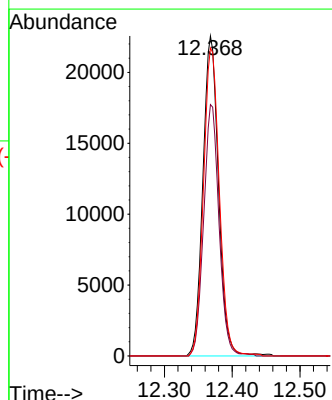
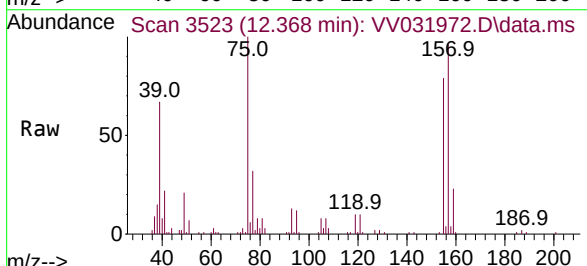
Tgt Ion: 75 Resp: 36240

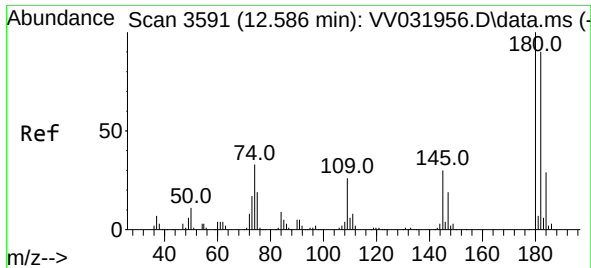
Ion Ratio Lower Upper

75 100

155 78.6 60.1 90.1

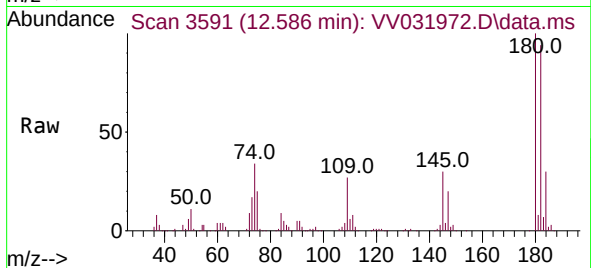
157 96.2 77.3 115.9



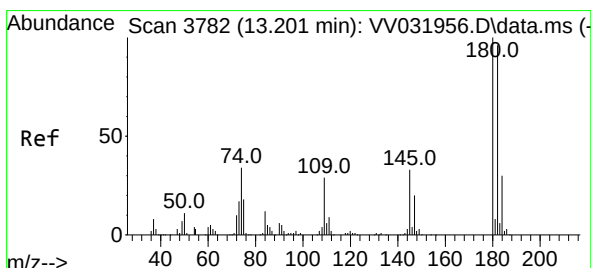
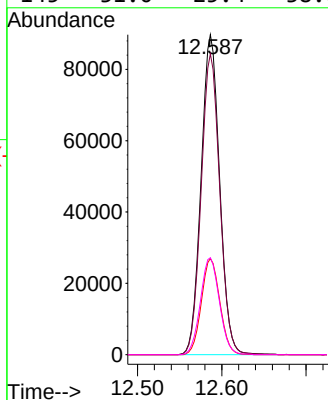
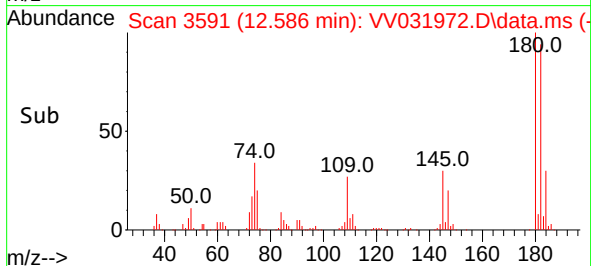


#69
 1,3,5-Trichlorobenzene
 Concen: 41.995 ug/L
 RT: 12.586 min Scan# 3591
 Delta R.T. 0.000 min
 Lab File: VV031972.D
 Acq: 31 Aug 2023 19:23

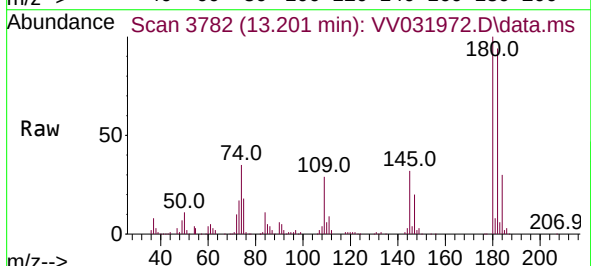
Instrument :
 MSVOA_V
 ClientSampleId :



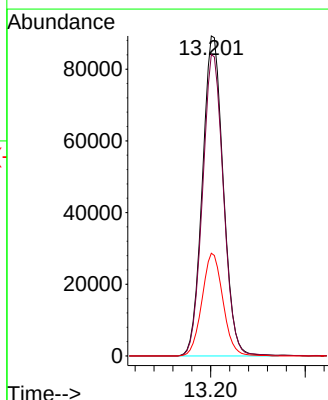
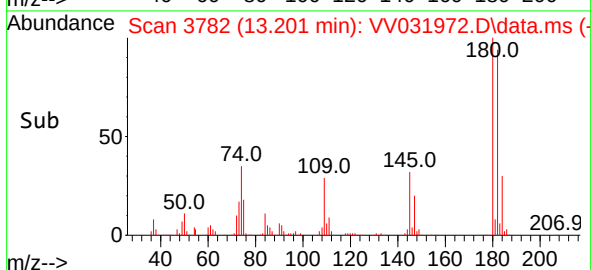
Tgt Ion:180 Resp: 137864
 Ion Ratio Lower Upper
 180 100
 182 94.1 75.4 113.2
 184 29.8 23.7 35.5
 145 31.0 25.4 38.0

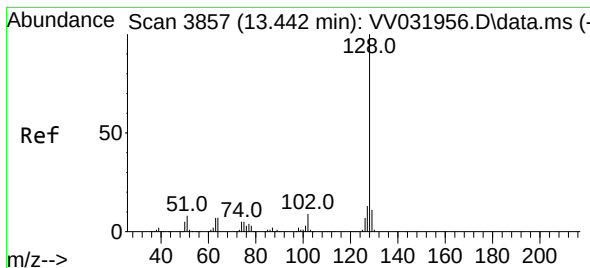


#70
 1,2,4-trichlorobenzene
 Concen: 43.471 ug/L
 RT: 13.201 min Scan# 3782
 Delta R.T. 0.000 min
 Lab File: VV031972.D
 Acq: 31 Aug 2023 19:23



Tgt Ion:180 Resp: 136986
 Ion Ratio Lower Upper
 180 100
 182 94.3 75.4 113.2
 145 32.2 26.0 39.0





#71

Naphthalene

Concen: 42.327 ug/L

RT: 13.442 min Scan# 3857

Delta R.T. 0.000 min

Lab File: VV031972.D

Acq: 31 Aug 2023 19:23

Instrument :

MSVOA_V

ClientSampleId :

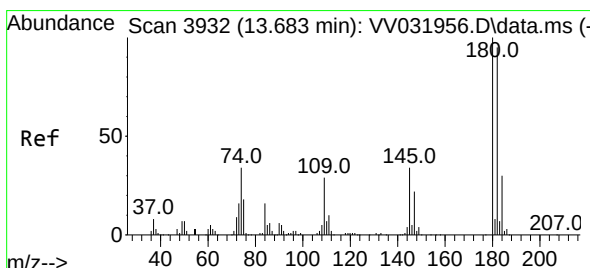
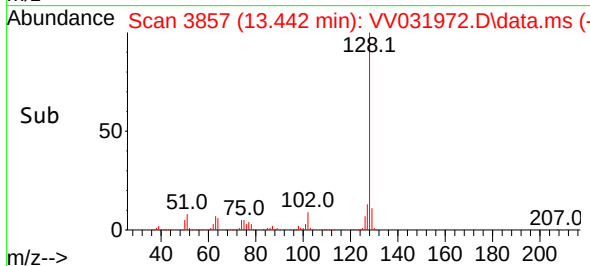
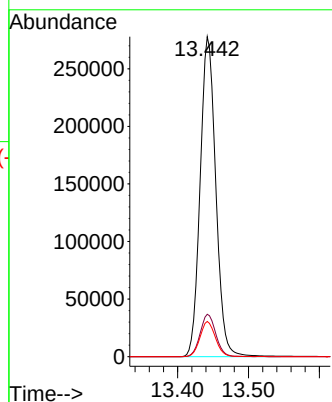
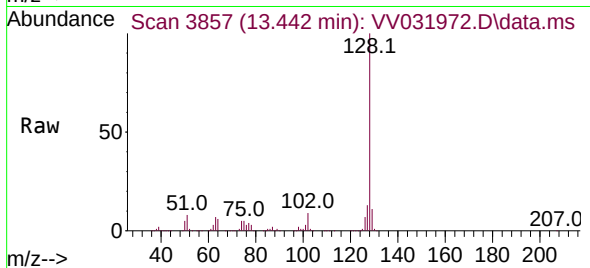
Tgt Ion:128 Resp: 426143

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

129 10.9 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 42.267 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. 0.000 min

Lab File: VV031972.D

Acq: 31 Aug 2023 19:23

Tgt Ion:180 Resp: 127628

Ion Ratio Lower Upper

180 100

182 95.9 76.7 115.1

145 34.1 27.7 41.5

