

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052423\
 Data File : VW031220.D
 Acq On : 24 May 2023 17:09
 Operator : SY/MD
 Sample : 02865-22MSD
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBX75MSD

Quant Time: May 25 01:15:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051923WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 25 01:11:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	194716	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	193503	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	116034	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	62055	37.291	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.580%
7) Chloroethane-d5	1.536	69	61136	47.690	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.380%
11) 1,1-Dichloroethene-d2	2.063	65	33557	43.003	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.000%
21) 2-Butanone-d5	3.802	46	92368	104.170	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.170%
24) Chloroform-d	4.259	84	134034	45.529	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.060%
26) 1,2-Dichloroethane-d4	4.950	65	96836	48.678	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.360%
32) Benzene-d6	4.969	84	227369	43.344	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.680%
36) 1,2-Dichloropropane-d6	5.995	67	68105	43.391	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.780%
41) Toluene-d8	7.249	98	220365	45.010	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.020%
43) trans-1,3-Dichloroprop...	7.558	79	36656	46.549	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.100%
47) 2-Hexanone-d5	8.030	63	60759	99.285	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.280%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	110249	46.832	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.660%
66) 1,2-Dichlorobenzene-d4	11.567	152	98144	47.069	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.140%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	54352	43.237	ug/L	99
3) Chloromethane	1.217	50	56256	40.877	ug/L	99
5) Vinyl chloride	1.285	62	54761	44.549	ug/L	100
6) Bromomethane	1.491	94	30819	44.737	ug/L	99
8) Chloroethane	1.552	64	40624	51.287	ug/L	100
9) Trichlorofluoromethane	1.719	101	114983	47.558	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	58264	45.697	ug/L	96
12) 1,1-Dichloroethene	2.076	96	48781	45.100	ug/L	98
13) Acetone	2.127	43	96969	84.119	ug/L	97
14) Carbon disulfide	2.246	76	83744	42.487	ug/L	99
15) Methyl Acetate	2.381	43	66999	51.139	ug/L	99
16) Methylene chloride	2.455	84	53968	44.819	ug/L	96
17) trans-1,2-Dichloroethene	2.703	96	47625	47.624	ug/L	95
18) Methyl tert-butyl Ether	2.712	73	201689	52.209	ug/L	99
19) 1,1-Dichloroethane	3.117	63	108024	47.399	ug/L	100
20) cis-1,2-Dichloroethene	3.825	96	60274	48.892	ug/L	98
22) 2-Butanone	3.883	43	97774	88.447	ug/L	100
23) Bromochloromethane	4.159	128	32458	47.912	ug/L	99
25) Chloroform	4.288	83	126427	49.659	ug/L	96

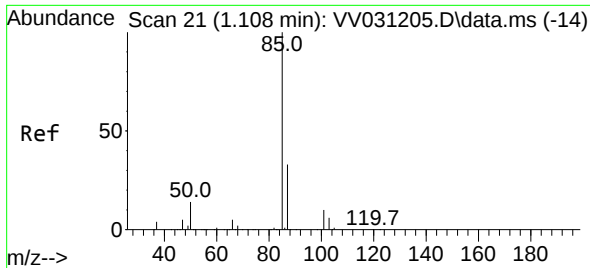
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052423\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	112819	52.229	ug/L	98
29) Cyclohexane	4.597	56	68278	44.841	ug/L	98
30) 1,1,1-Trichloroethane	4.523	97	116111	48.899	ug/L	99
31) Carbon tetrachloride	4.744	117	101305	48.973	ug/L	100
33) Benzene	5.021	78	222521	48.001	ug/L	100
34) Trichloroethene	5.841	95	129262	104.064	ug/L	96
35) Methylcyclohexane	6.056	83	75292	45.679	ug/L	99
37) 1,2-Dichloropropane	6.098	63	61496	48.197	ug/L	99
38) Bromodichloromethane	6.439	83	96772	48.926	ug/L	99
39) cis-1,3-Dichloropropene	6.960	75	94360	47.959	ug/L	99
40) 4-Methyl-2-pentanone	7.166	43	210097	107.006	ug/L	97
42) Toluene	7.323	91	252172	50.278	ug/L	99
44) trans-1,3-Dichloropropene	7.587	75	101387	50.938	ug/L	99
45) 1,1,2-Trichloroethane	7.776	97	66094	47.470	ug/L	98
46) Tetrachloroethene	7.911	164	49578	46.482	ug/L	95
48) 2-Hexanone	8.082	43	165891	101.442	ug/L	99
49) Dibromochloromethane	8.185	129	76679	48.811	ug/L	94
50) 1,2-Dibromoethane	8.288	107	66158	47.792	ug/L	95
51) Chlorobenzene	8.821	112	170741	47.829	ug/L	98
52) Ethylbenzene	8.953	91	281669	49.050	ug/L	98
53) m,p-Xylene	9.079	106	111194	49.918	ug/L	94
54) o-Xylene	9.484	106	111376	50.684	ug/L	96
55) Styrene	9.503	104	200987	51.715	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.185	83	112047	48.978	ug/L	99
59) Bromoform	9.670	173	65041	48.342	ug/L	99
60) Isopropylbenzene	9.873	105	304012	48.989	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	87581	49.063	ug/L	98
62) 1,3,5-Trimethylbenzene	10.484	105	250888	49.184	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	247103	49.544	ug/L	100
64) 1,3-Dichlorobenzene	11.124	146	157286	49.465	ug/L	100
65) 1,4-Dichlorobenzene	11.214	146	165917	50.157	ug/L	98
67) 1,2-Dichlorobenzene	11.587	146	161859	50.167	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.371	75	27905	50.926	ug/L	93
69) 1,3,5-Trichlorobenzene	12.590	180	122516	49.843	ug/L	98
70) 1,2,4-trichlorobenzene	13.204	180	108706	51.966	ug/L	99
71) Naphthalene	13.445	128	306132	56.340	ug/L	100
72) 1,2,3-Trichlorobenzene	13.689	180	113436	54.266	ug/L	99

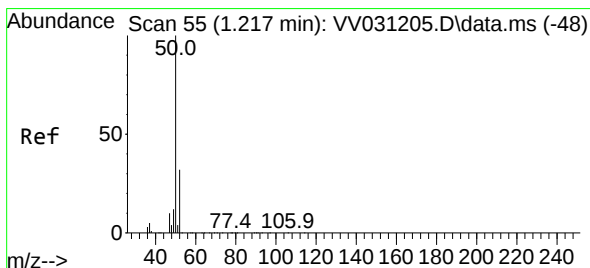
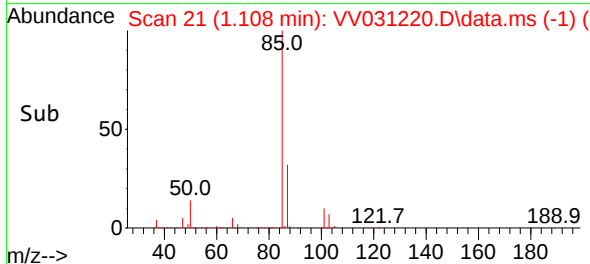
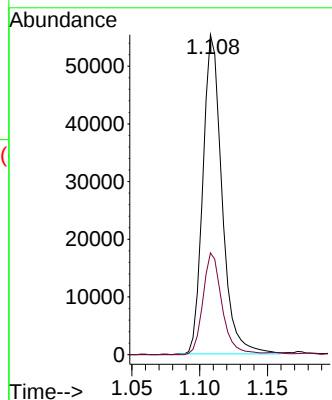
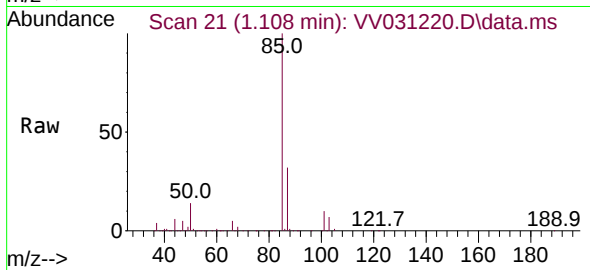
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#2
 Dichlorodifluoromethane
 Concen: 43.237 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV031220.D
 Acq: 24 May 2023 17:09

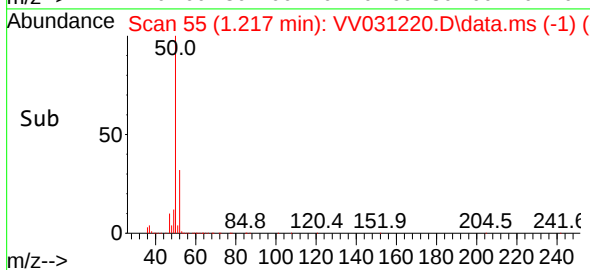
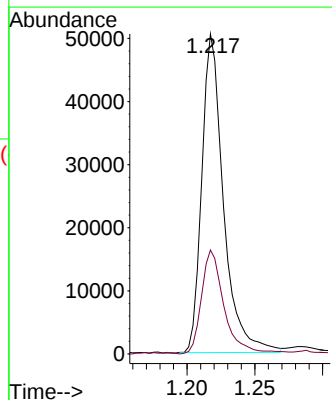
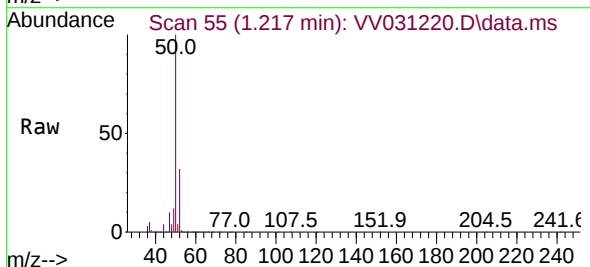
Instrument :
 MSVOA_V
 ClientSampleId :
 GBX75MSD

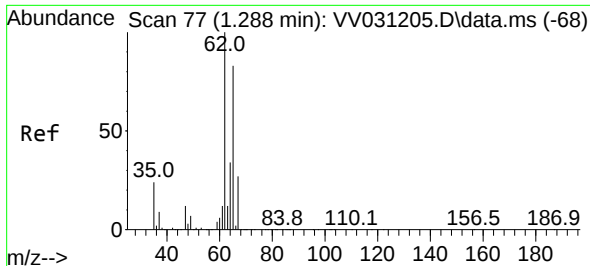
Tgt Ion: 85 Resp: 54352
 Ion Ratio Lower Upper
 85 100
 87 31.9 25.2 37.8



#3
 Chloromethane
 Concen: 40.877 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV031220.D
 Acq: 24 May 2023 17:09

Tgt Ion: 50 Resp: 56256
 Ion Ratio Lower Upper
 50 100
 52 32.5 23.3 43.3

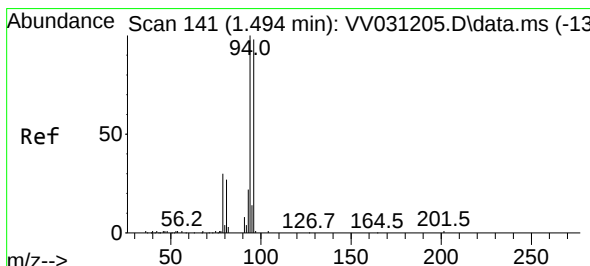
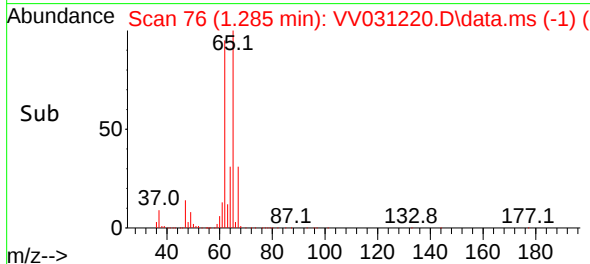
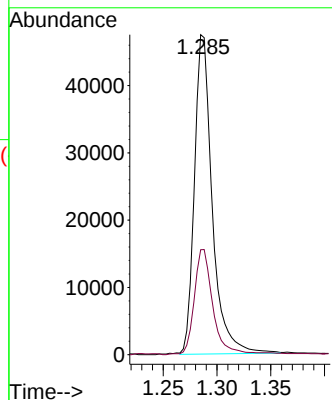
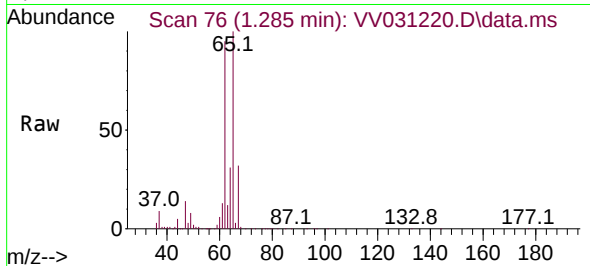




#5
 Vinyl chloride
 Concen: 44.549 ug/L
 RT: 1.285 min Scan# 70
 Delta R.T. -0.003 min
 Lab File: VV031220.D
 Acq: 24 May 2023 17:09

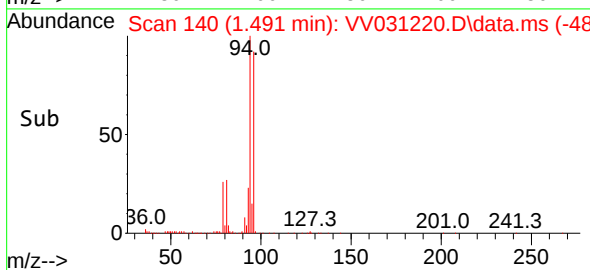
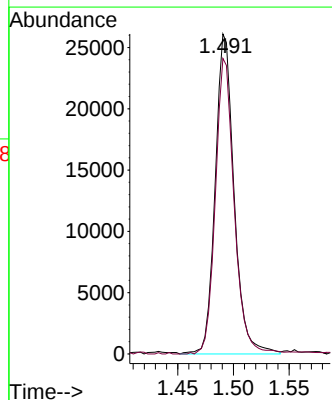
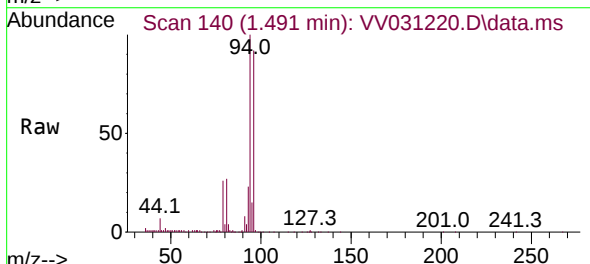
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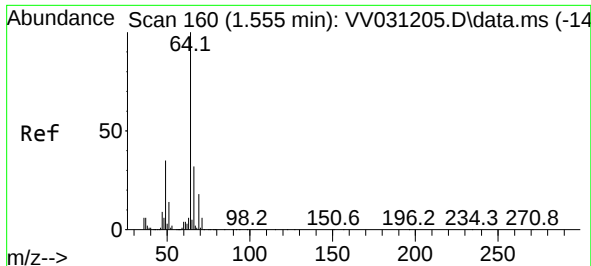
Tgt Ion: 62 Resp: 54761
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.1 42.9



#6
 Bromomethane
 Concen: 44.737 ug/L
 RT: 1.491 min Scan# 140
 Delta R.T. -0.003 min
 Lab File: VV031220.D
 Acq: 24 May 2023 17:09

Tgt Ion: 94 Resp: 30819
 Ion Ratio Lower Upper
 94 100
 96 92.3 63.9 118.7

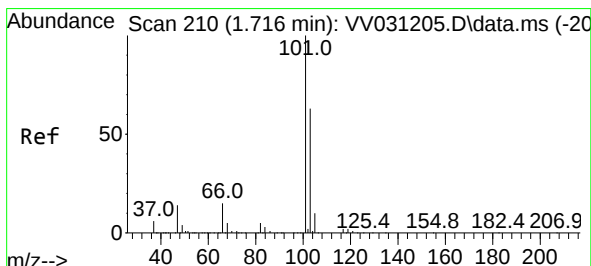
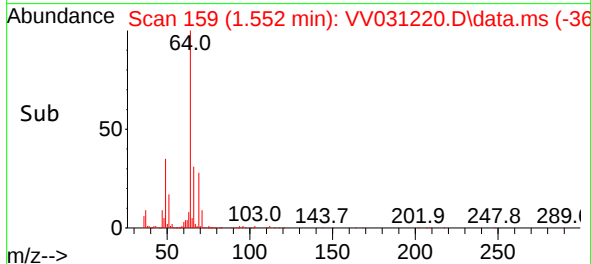
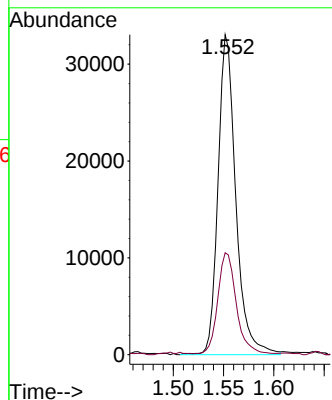
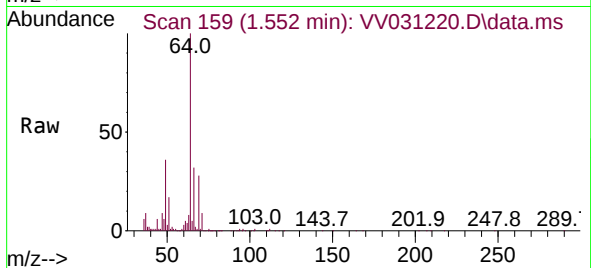




#8
Chloroethane
Concen: 51.287 ug/L
RT: 1.552 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV031220.D
Acq: 24 May 2023 17:09

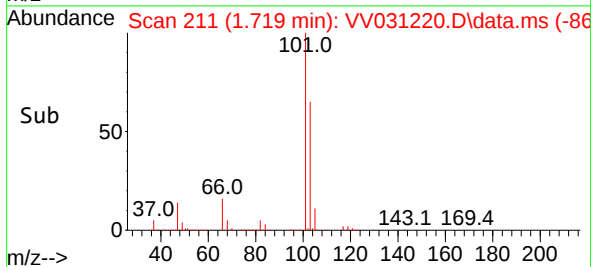
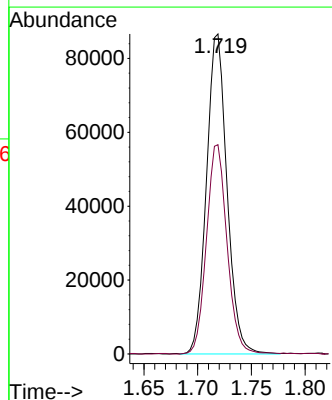
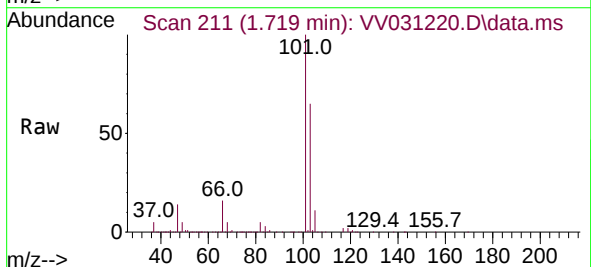
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ClientSampleId :
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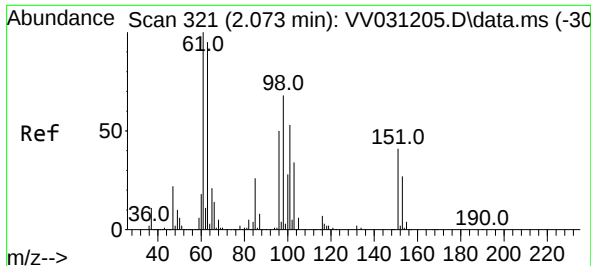
Tgt Ion: 64 Resp: 40624
Ion Ratio Lower Upper
64 100
66 31.8 22.1 41.1



#9
Trichlorofluoromethane
Concen: 47.558 ug/L
RT: 1.719 min Scan# 211
Delta R.T. 0.003 min
Lab File: VV031220.D
Acq: 24 May 2023 17:09

Tgt Ion: 101 Resp: 114983
Ion Ratio Lower Upper
101 100
103 65.5 51.4 77.2





#10

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

Concen: 45.697 ug/L

RT: 2.072 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV031220.D

Acq: 24 May 2023 17:09

Instrument :

MSVOA_V

ClientSampleId :

GBX75MSD

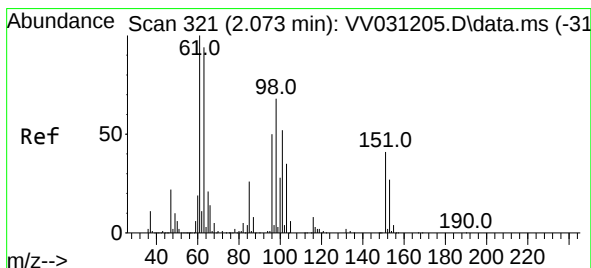
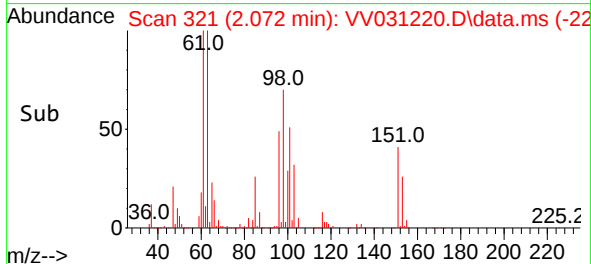
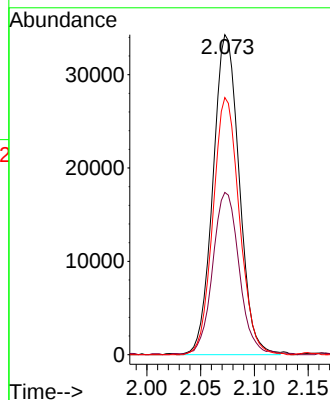
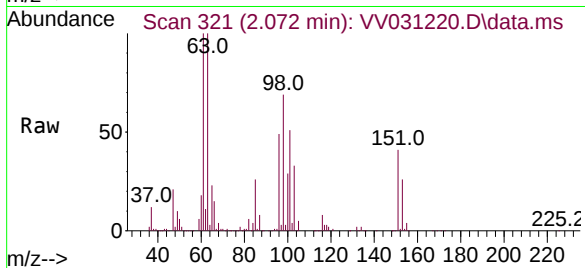
Tgt Ion:101 Resp: 58264

Ion Ratio Lower Upper

101 100

85 50.1 38.0 57.0

151 80.6 61.7 92.5



#12

1,1-Dichloroethene

Concen: 45.100 ug/L

RT: 2.076 min Scan# 322

Delta R.T. 0.003 min

Lab File: VV031220.D

Acq: 24 May 2023 17:09

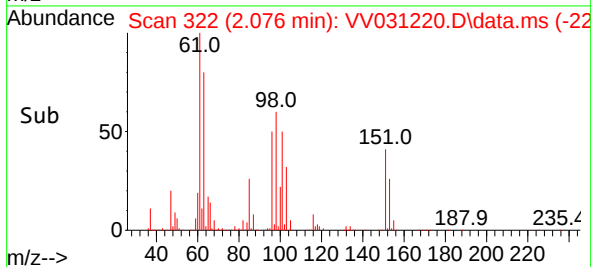
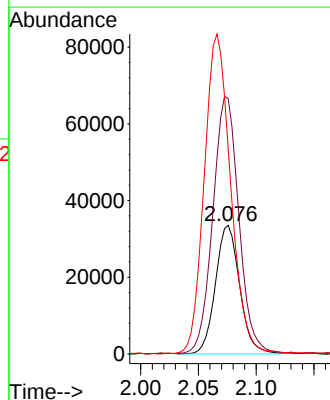
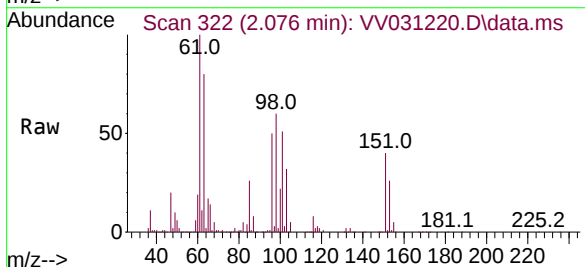
Tgt Ion: 96 Resp: 48781

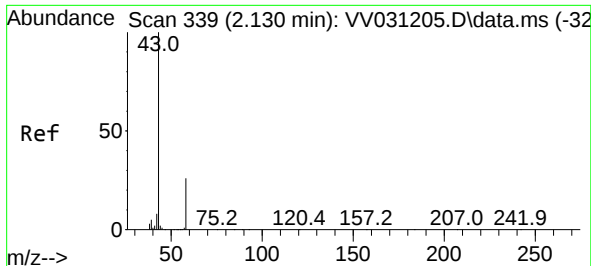
Ion Ratio Lower Upper

96 100

61 198.5 137.9 256.1

63 159.6 114.2 212.0





#13

Acetone

Concen: 84.119 ug/L

RT: 2.127 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV031220.D

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ClientSampleId :

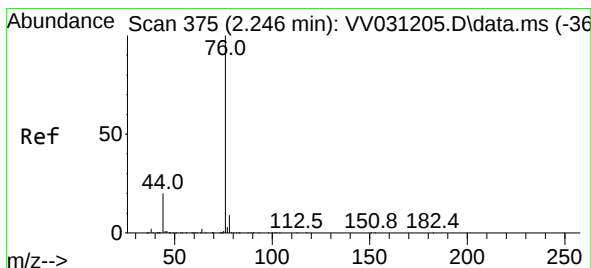
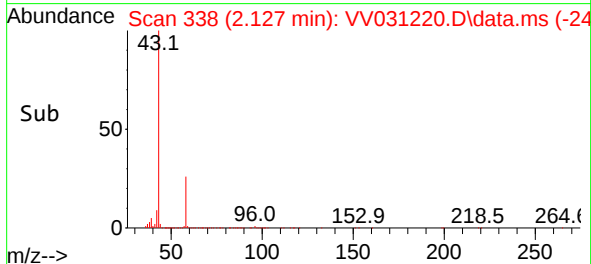
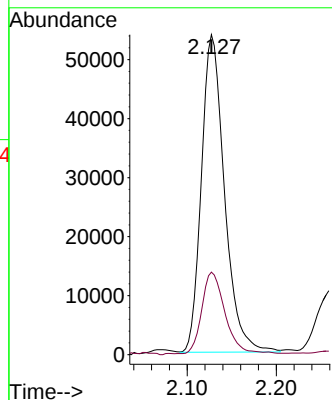
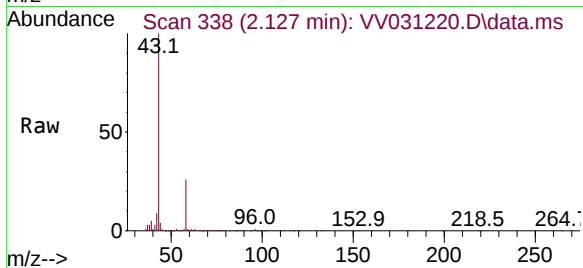
GBX75MSD

Tgt Ion: 43 Resp: 96969

Ion Ratio Lower Upper

43 100

58 25.4 0.0 54.0



#14

Carbon disulfide

Concen: 42.487 ug/L

RT: 2.246 min Scan# 375

Delta R.T. -0.000 min

Lab File: VV031220.D

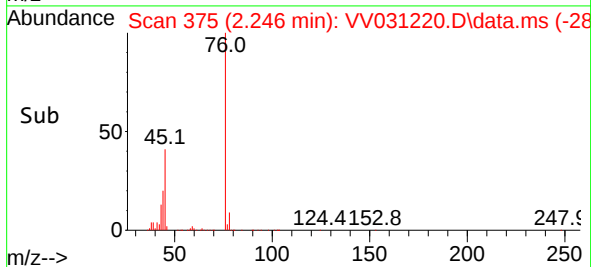
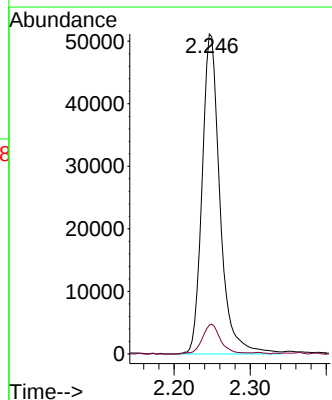
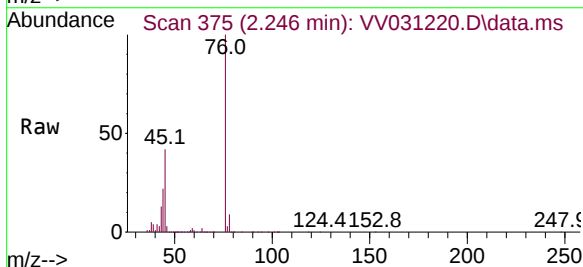
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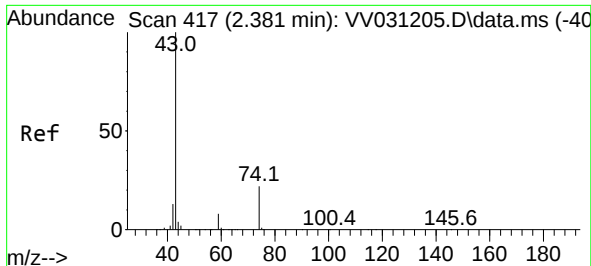
Tgt Ion: 76 Resp: 83744

Ion Ratio Lower Upper

76 100

78 9.0 7.0 10.4

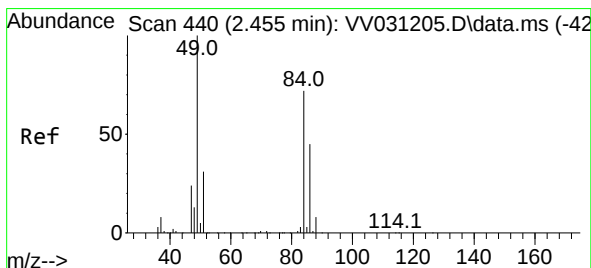
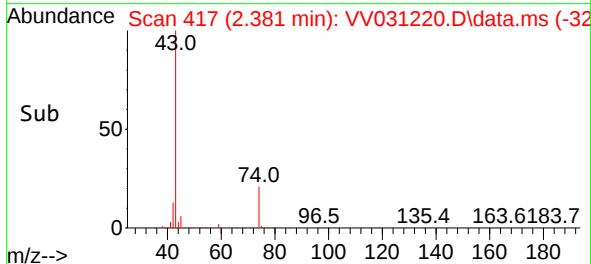
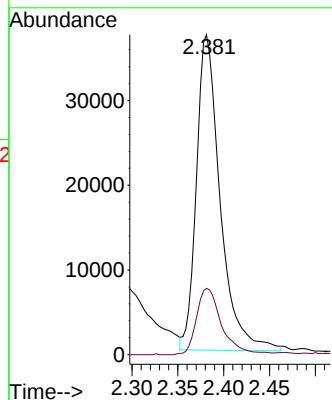
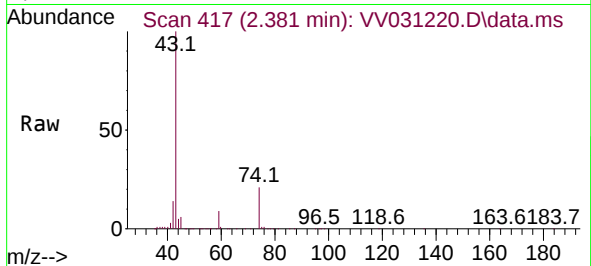




#15
Methyl Acetate
Concen: 51.139 ug/L
RT: 2.381 min Scan# 417
Delta R.T. -0.000 min
Lab File: VV031220.D
Acq: 24 May 2023 17:09

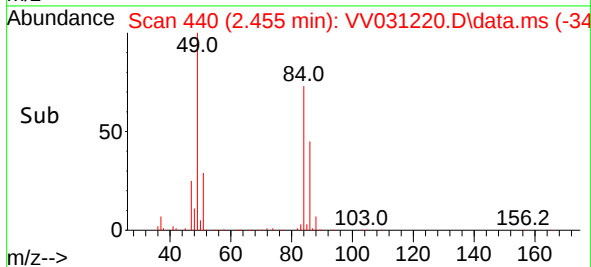
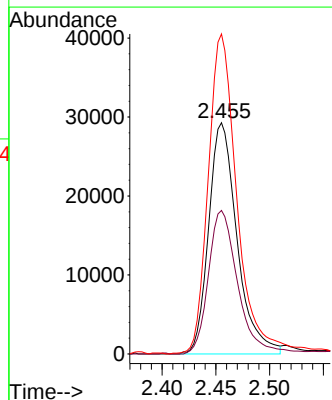
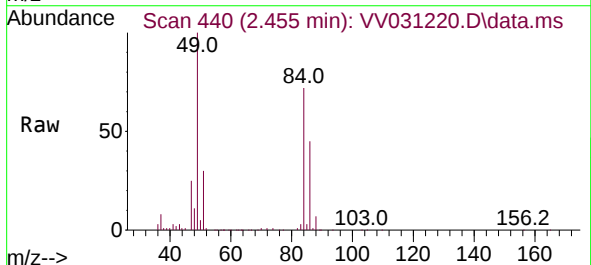
Instrument :
MSVOA_V
ClientSampleId :
GBX75MSD

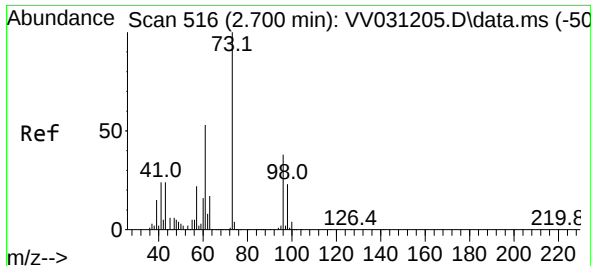
Tgt Ion: 43 Resp: 66999
Ion Ratio Lower Upper
43 100
74 22.0 18.1 27.1



#16
Methylene chloride
Concen: 44.819 ug/L
RT: 2.455 min Scan# 440
Delta R.T. -0.000 min
Lab File: VV031220.D
Acq: 24 May 2023 17:09

Tgt Ion: 84 Resp: 53968
Ion Ratio Lower Upper
84 100
86 62.1 43.3 80.3
49 138.4 92.6 172.0

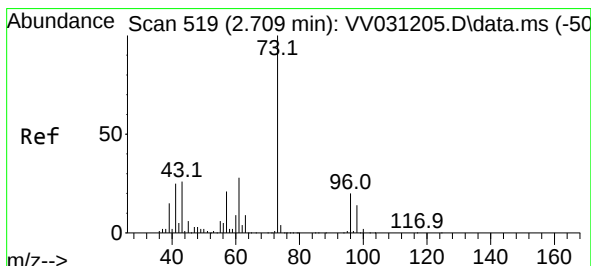
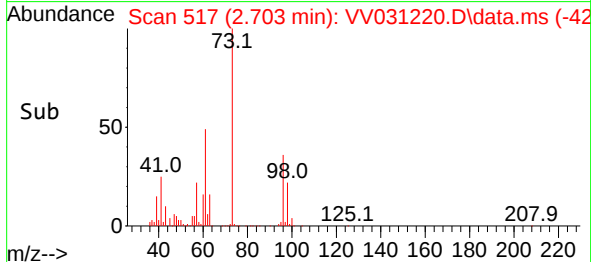
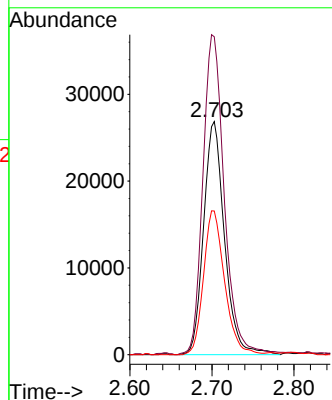
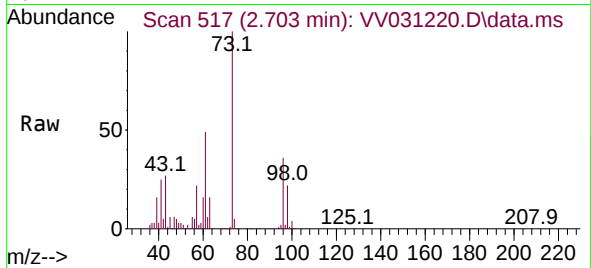




#17
trans-1,2-Dichloroethene
Concen: 47.624 ug/L
RT: 2.703 min Scan# 516
Delta R.T. 0.003 min
Lab File: VV031220.D
Acq: 24 May 2023 17:09

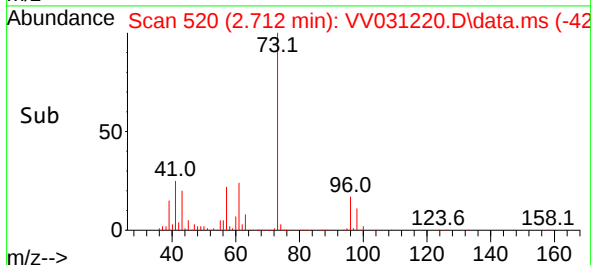
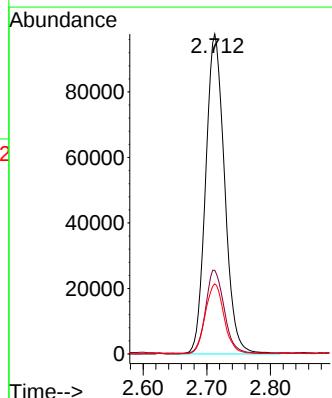
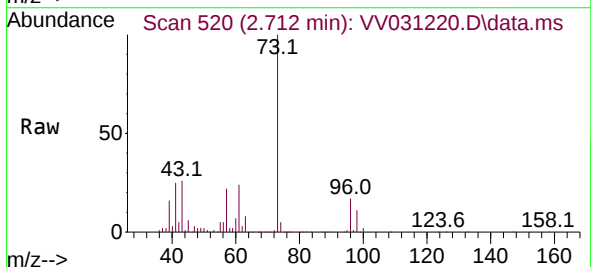
Instrument :
MSVOA_V
ClientSampleId :
GBX75MSD

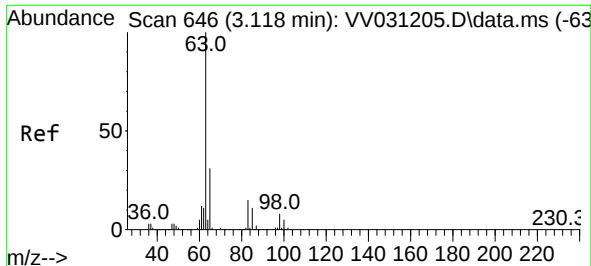
Tgt Ion: 96 Resp: 47625
Ion Ratio Lower Upper
96 100
61 136.4 100.0 185.6
98 61.6 45.4 84.2



#18
Methyl tert-butyl Ether
Concen: 52.209 ug/L
RT: 2.712 min Scan# 520
Delta R.T. 0.003 min
Lab File: VV031220.D
Acq: 24 May 2023 17:09

Tgt Ion: 73 Resp: 201689
Ion Ratio Lower Upper
73 100
43 25.4 19.4 29.2
57 21.5 17.1 25.7





#19

1,1-Dichloroethane

Concen: 47.399 ug/L

RT: 3.117 min Scan# 64

Delta R.T. -0.000 min

Lab File: VV031220.D

Acq: 24 May 2023 17:09

Instrument :

MSVOA_V

ClientSampleId :

GBX75MSD

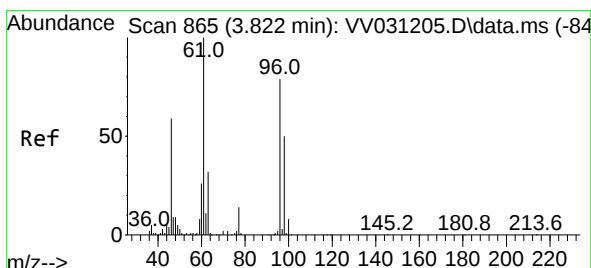
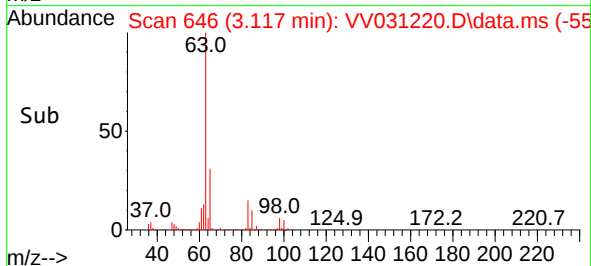
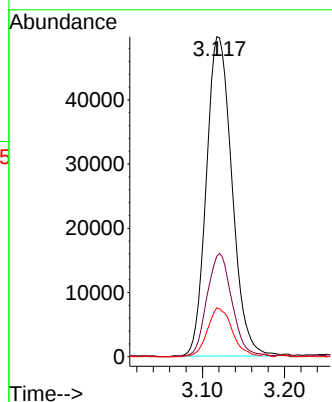
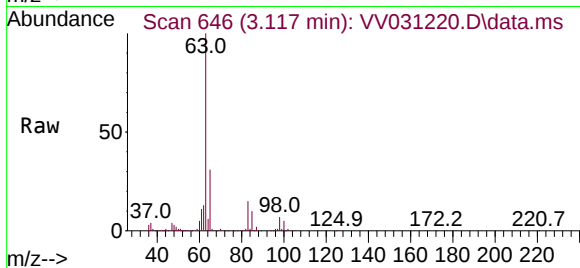
Tgt Ion: 63 Resp: 108024

Ion Ratio Lower Upper

63 100

65 31.4 21.9 40.7

83 15.2 10.4 19.2



#20

cis-1,2-Dichloroethene

Concen: 48.892 ug/L

RT: 3.825 min Scan# 866

Delta R.T. 0.003 min

Lab File: VV031220.D

Acq: 24 May 2023 17:09

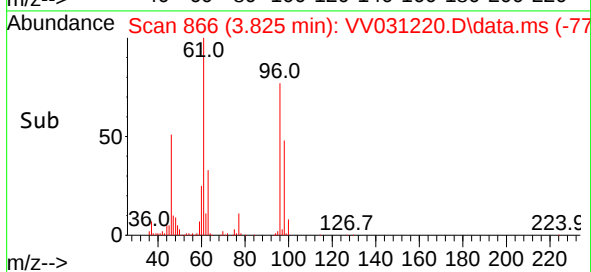
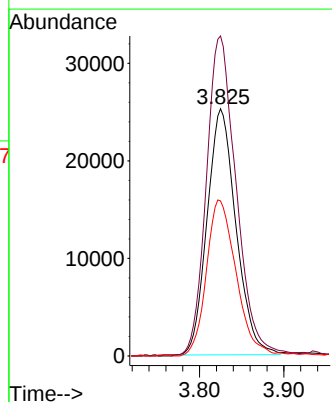
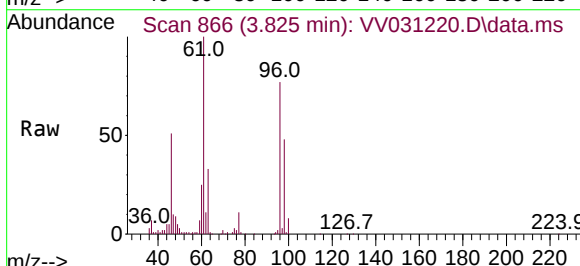
Tgt Ion: 96 Resp: 60274

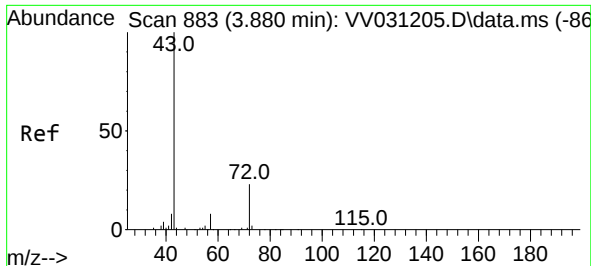
Ion Ratio Lower Upper

96 100

61 129.5 89.2 165.6

98 62.7 43.0 80.0

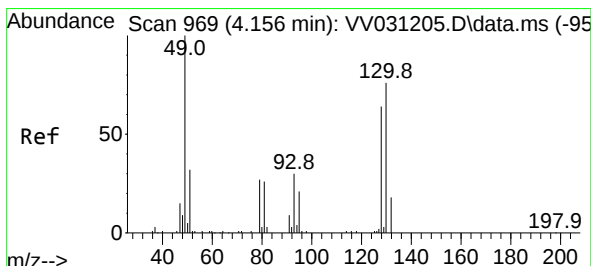
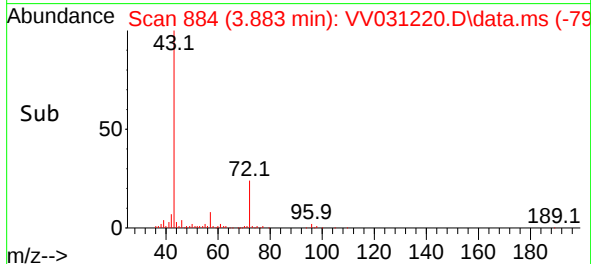
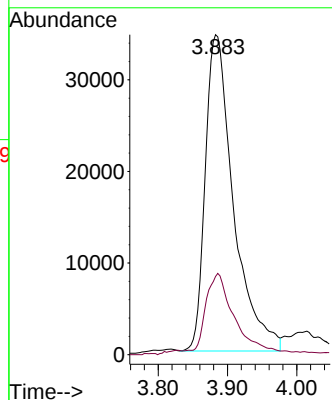
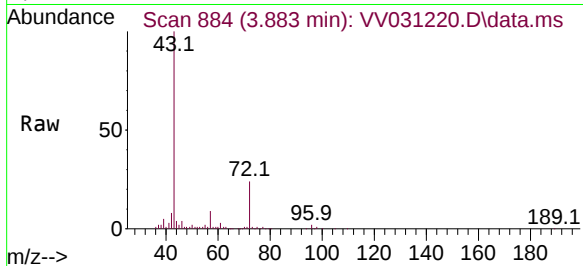




#22
2-Butanone
Concen: 88.447 ug/L
RT: 3.883 min Scan# 883
Delta R.T. 0.003 min
Lab File: VV031220.D
Acq: 24 May 2023 17:09

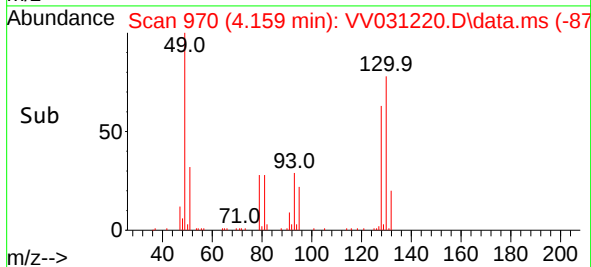
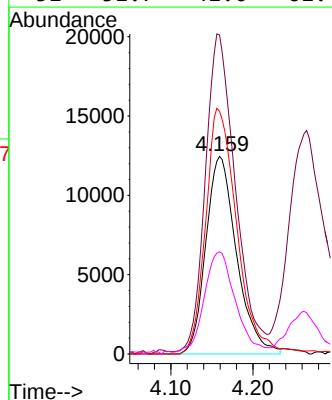
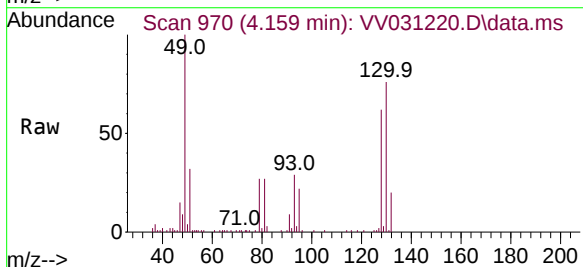
Instrument :
MSVOA_V
ClientSampleId :
GBX75MSD

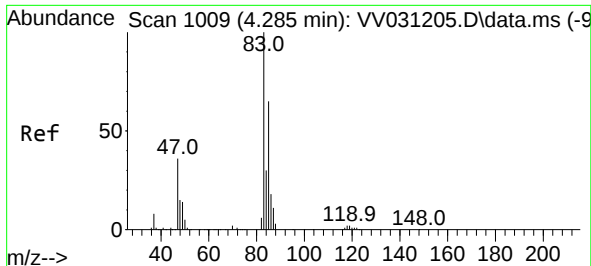
Tgt Ion: 43 Resp: 97774
Ion Ratio Lower Upper
43 100
72 24.0 11.9 35.7



#23
Bromochloromethane
Concen: 47.912 ug/L
RT: 4.159 min Scan# 970
Delta R.T. 0.003 min
Lab File: VV031220.D
Acq: 24 May 2023 17:09

Tgt Ion:128 Resp: 32458
Ion Ratio Lower Upper
128 100
49 161.5 113.2 210.2
130 122.8 87.5 162.5
51 51.7 41.0 61.4





#25

Chloroform

Concen: 49.659 ug/L

RT: 4.288 min Scan# 1009

Delta R.T. 0.003 min

Lab File: VV031220.D

Acq: 24 May 2023 17:09

Instrument :

MSVOA_V

ClientSampleId :

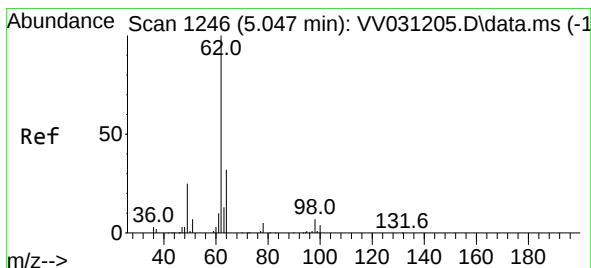
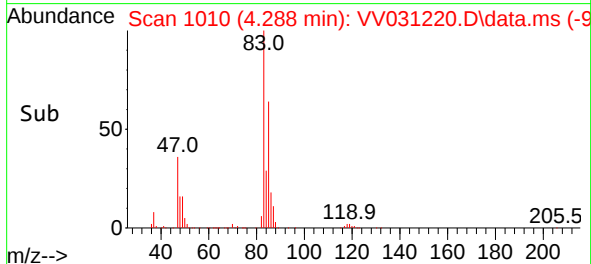
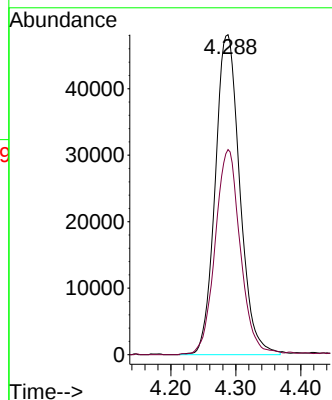
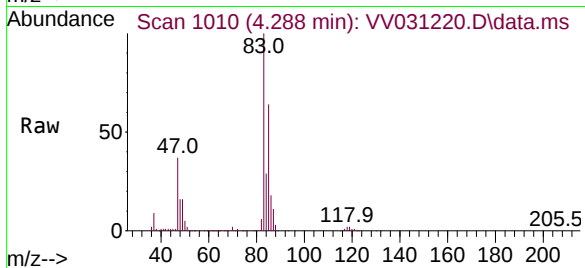
GBX75MSD

Tgt Ion: 83 Resp: 126427

Ion Ratio Lower Upper

83 100

85 64.1 47.3 87.9



#27

1,2-Dichloroethane

Concen: 52.229 ug/L

RT: 5.050 min Scan# 1247

Delta R.T. 0.003 min

Lab File: VV031220.D

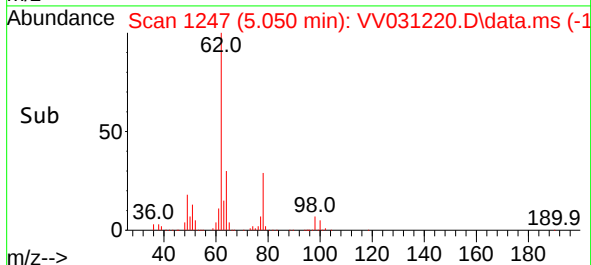
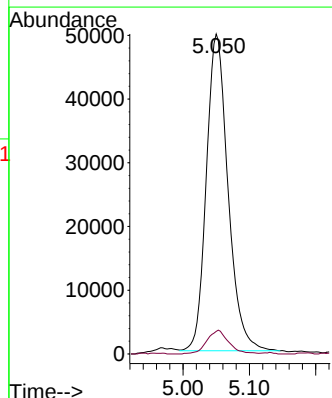
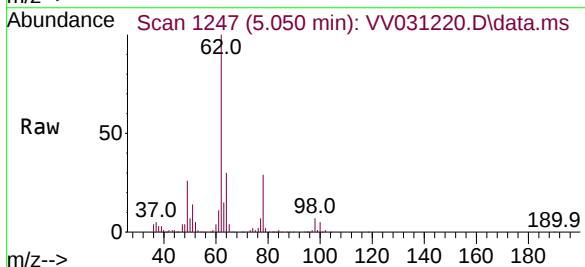
Acq: 24 May 2023 17:09

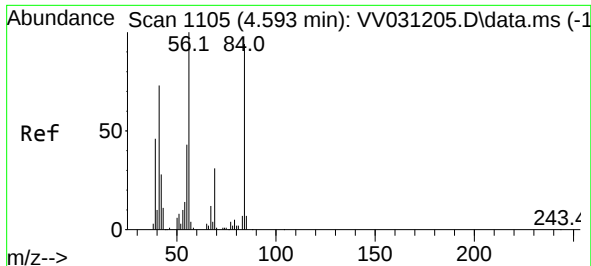
Tgt Ion: 62 Resp: 112819

Ion Ratio Lower Upper

62 100

98 7.1 6.3 9.5





#29

Cyclohexane

Concen: 44.841 ug/L

RT: 4.597 min Scan# 1105

Delta R.T. 0.003 min

Lab File: VV031220.D

Acq: 24 May 2023 17:09

Instrument :

MSVOA_V

ClientSampleId :

GBX75MSD

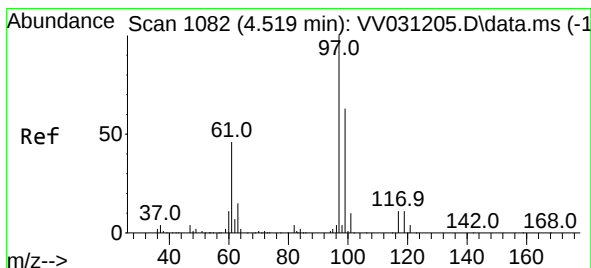
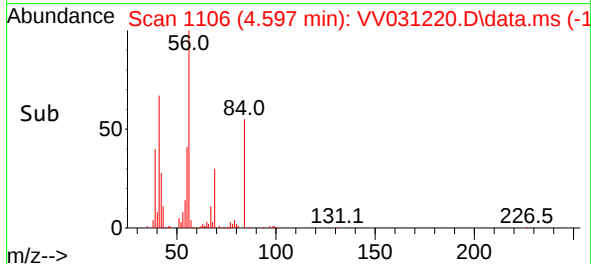
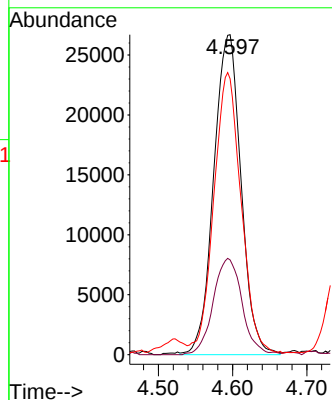
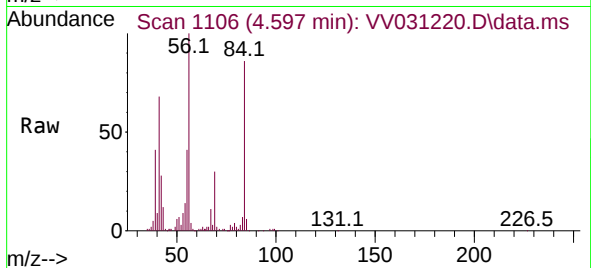
Tgt Ion: 56 Resp: 68278

Ion Ratio Lower Upper

56 100

69 31.6 25.1 37.7

84 86.5 71.5 107.3



#30

1,1,1-Trichloroethane

Concen: 48.899 ug/L

RT: 4.523 min Scan# 1083

Delta R.T. 0.003 min

Lab File: VV031220.D

Acq: 24 May 2023 17:09

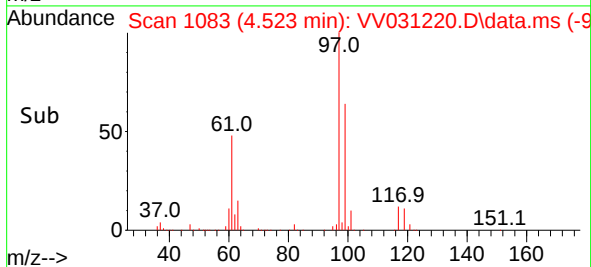
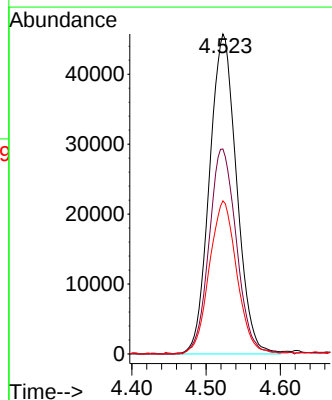
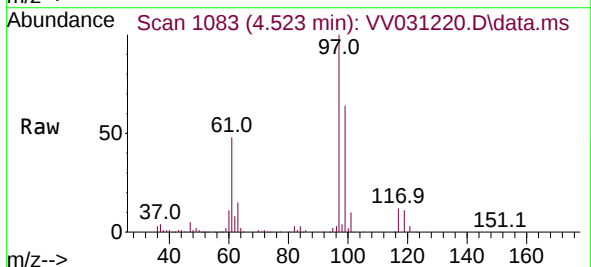
Tgt Ion: 97 Resp: 116111

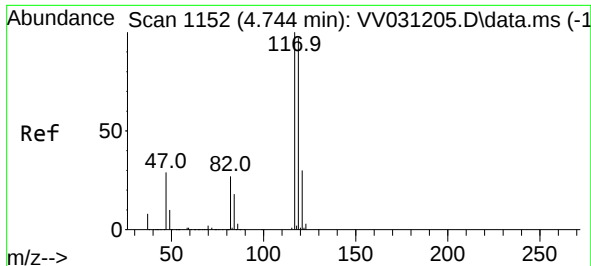
Ion Ratio Lower Upper

97 100

99 64.6 51.9 77.9

61 48.5 38.2 57.2

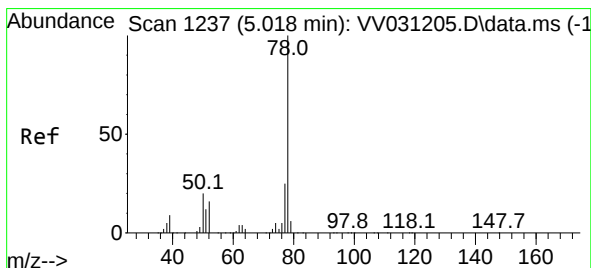
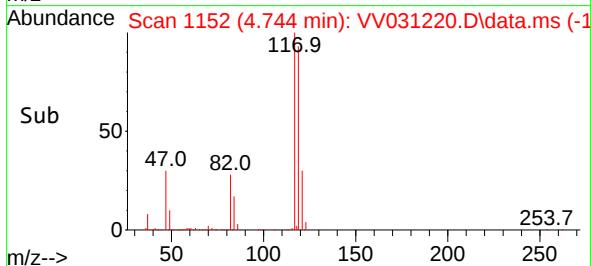
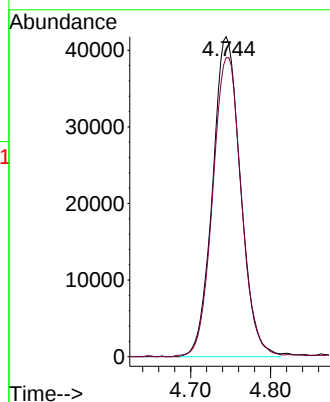
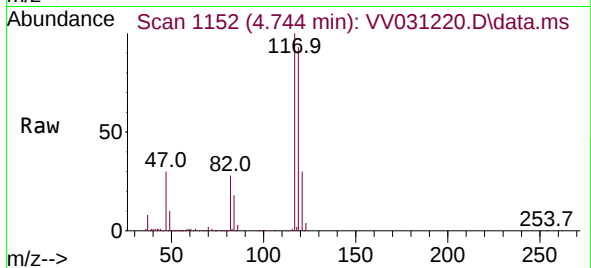




#31
Carbon tetrachloride
Concen: 48.973 ug/L
RT: 4.744 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VV031220.D
Acq: 24 May 2023 17:09

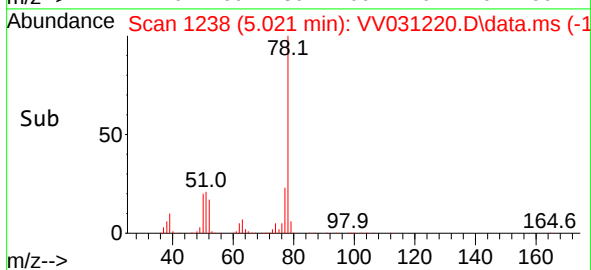
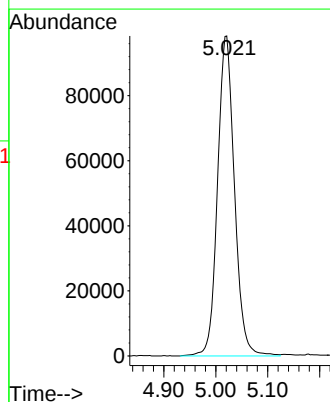
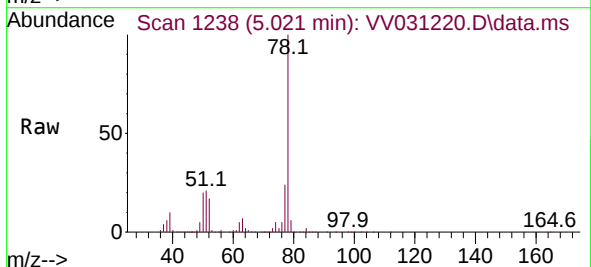
Instrument :
MSVOA_V
ClientSampleId :
GBX75MSD

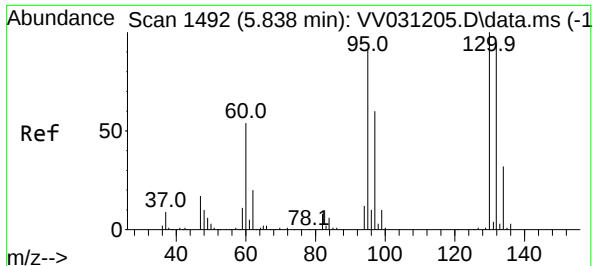
Tgt Ion:117 Resp: 101305
Ion Ratio Lower Upper
117 100
119 96.0 76.9 115.3



#33
Benzene
Concen: 48.001 ug/L
RT: 5.021 min Scan# 1238
Delta R.T. 0.003 min
Lab File: VV031220.D
Acq: 24 May 2023 17:09

Tgt Ion: 78 Resp: 222521

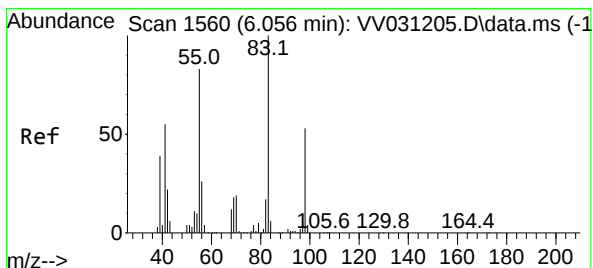
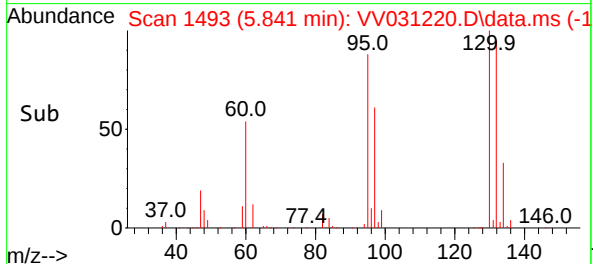
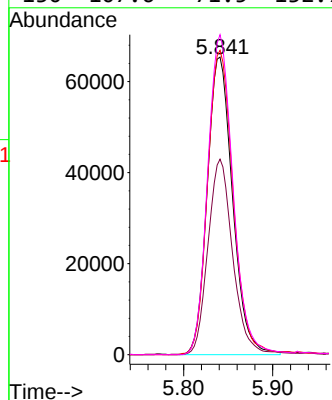
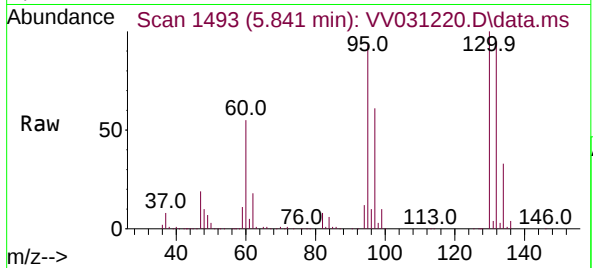




#34
Trichloroethene
Concen: 104.064 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. 0.003 min
Lab File: VV031220.D
Acq: 24 May 2023 17:09

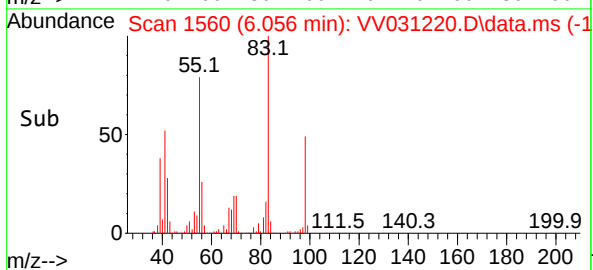
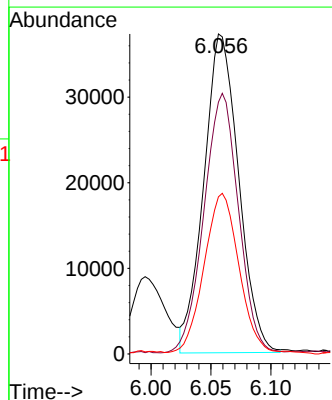
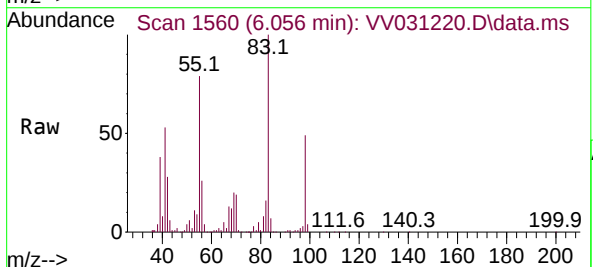
Instrument :
MSVOA_V
ClientSampleId :
GBX75MSD

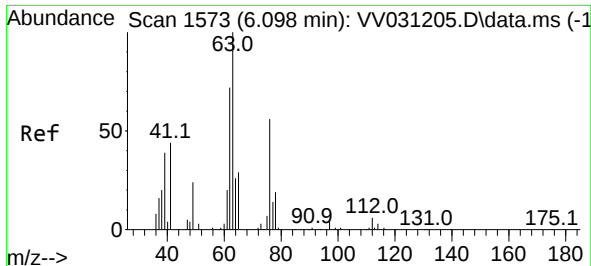
Tgt Ion: 95 Resp: 129262
Ion Ratio Lower Upper
95 100
97 65.7 44.4 82.5
132 102.3 70.2 130.4
130 107.6 71.5 132.7



#35
Methylcyclohexane
Concen: 45.679 ug/L
RT: 6.056 min Scan# 1560
Delta R.T. -0.000 min
Lab File: VV031220.D
Acq: 24 May 2023 17:09

Tgt Ion: 83 Resp: 75292
Ion Ratio Lower Upper
83 100
55 81.8 64.2 96.2
98 49.7 40.0 60.0

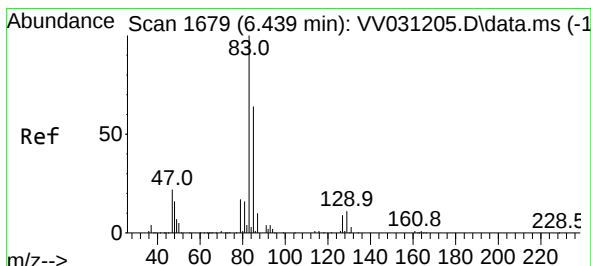
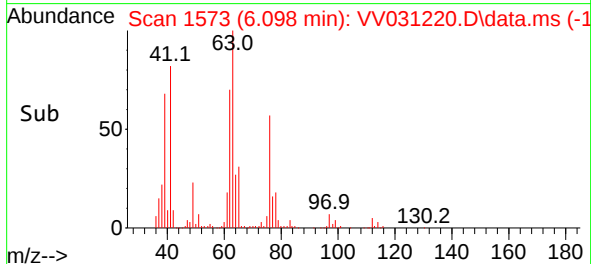
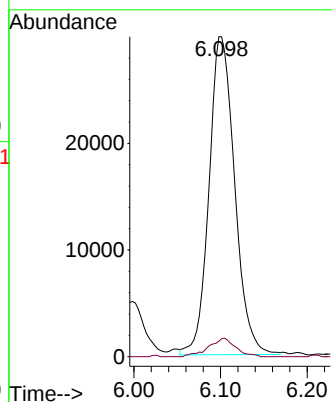
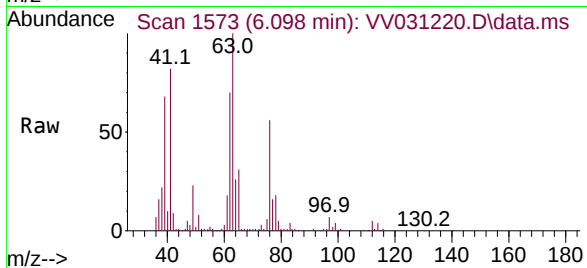




#37
1,2-Dichloropropane
Concen: 48.197 ug/L
RT: 6.098 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV031220.D
Acq: 24 May 2023 17:09

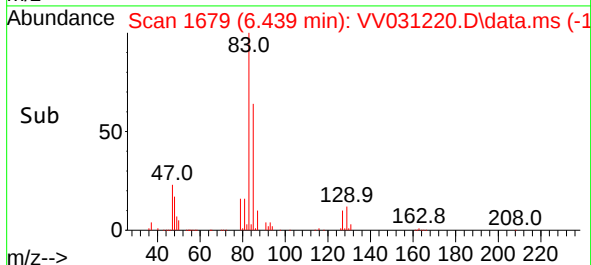
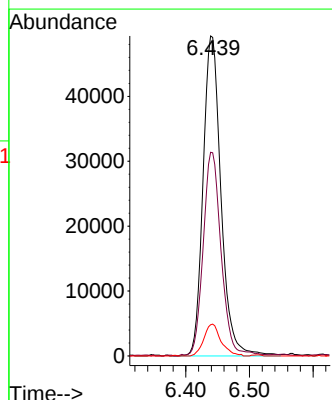
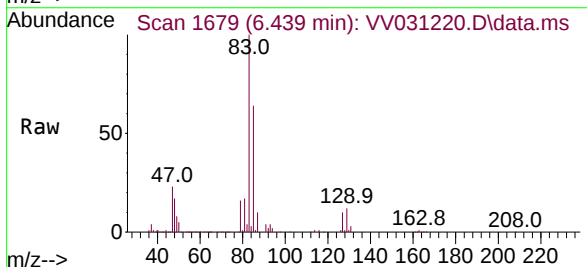
Instrument :
MSVOA_V
ClientSampleId :
GBX75MSD

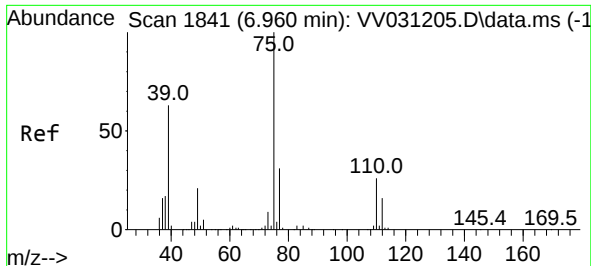
Tgt Ion: 63 Resp: 61496
Ion Ratio Lower Upper
63 100
112 5.8 4.3 6.5



#38
Bromodichloromethane
Concen: 48.926 ug/L
RT: 6.439 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VV031220.D
Acq: 24 May 2023 17:09

Tgt Ion: 83 Resp: 96772
Ion Ratio Lower Upper
83 100
85 63.6 44.0 81.6
127 9.8 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 47.959 ug/L

RT: 6.960 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV031220.D

Acq: 24 May 2023 17:09

Instrument :

MSVOA_V

ClientSampleId :

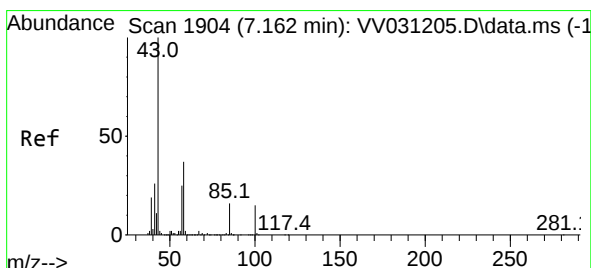
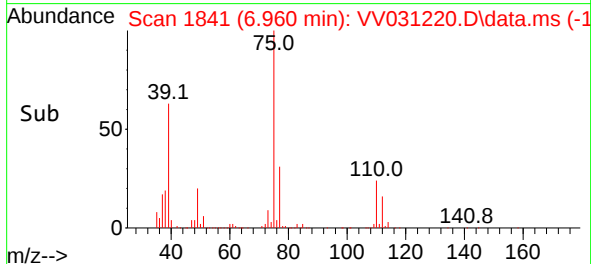
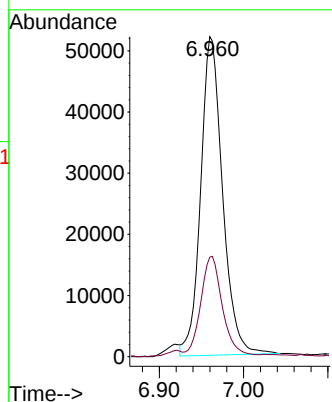
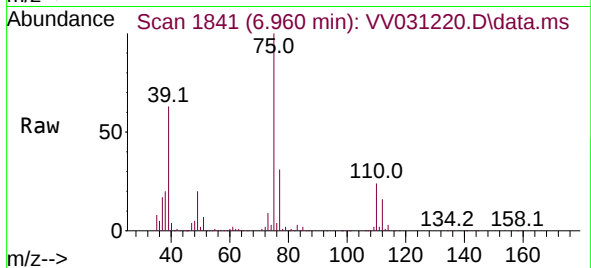
GBX75MSD

Tgt Ion: 75 Resp: 94360

Ion Ratio Lower Upper

75 100

77 31.1 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 107.006 ug/L

RT: 7.166 min Scan# 1905

Delta R.T. 0.003 min

Lab File: VV031220.D

Acq: 24 May 2023 17:09

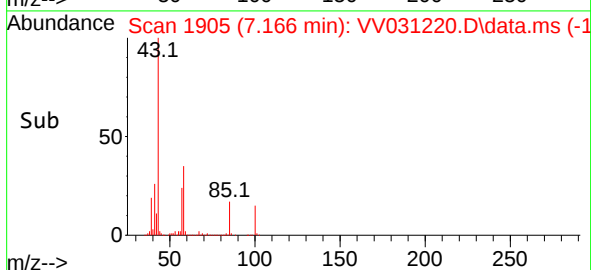
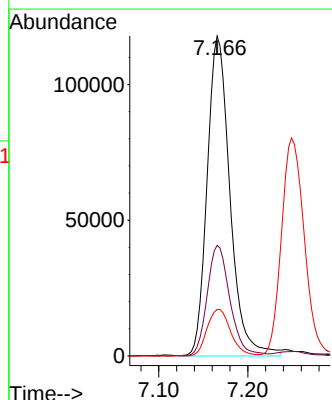
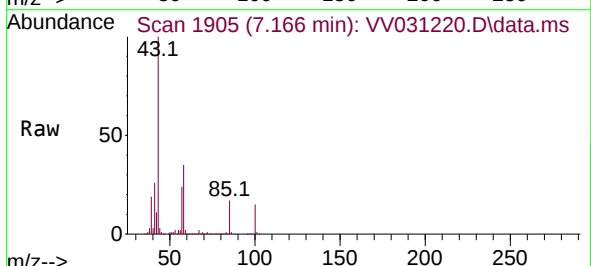
Tgt Ion: 43 Resp: 210097

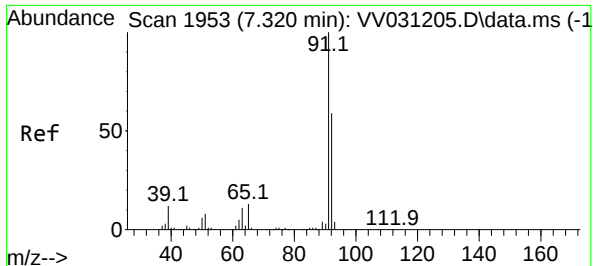
Ion Ratio Lower Upper

43 100

58 34.1 29.0 43.4

100 15.0 12.2 18.4





#42

Toluene

Concen: 50.278 ug/L

RT: 7.323 min Scan# 1953

Delta R.T. 0.003 min

Lab File: VV031220.D

Acq: 24 May 2023 17:09

Instrument :

MSVOA_V

ClientSampleId :

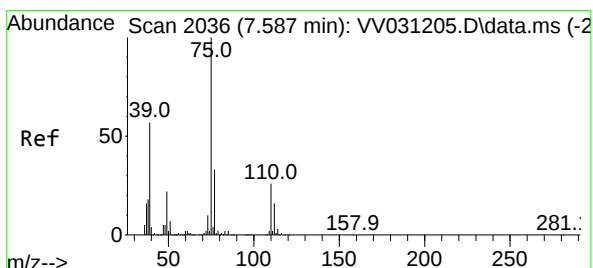
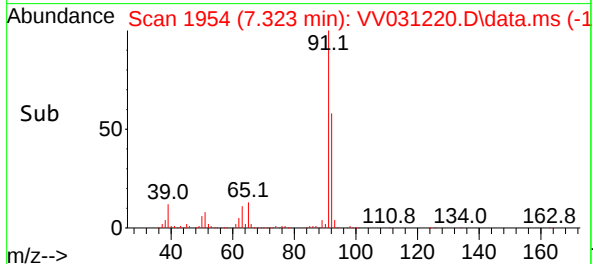
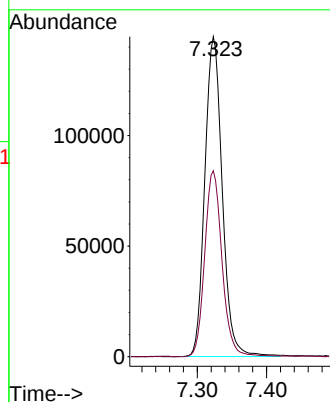
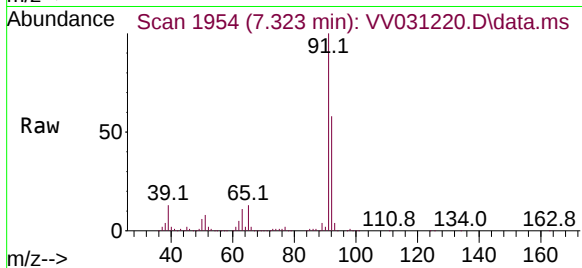
GBX75MSD

Tgt Ion: 91 Resp: 252172

Ion Ratio Lower Upper

91 100

92 58.1 40.9 76.0



#44

trans-1,3-Dichloropropene

Concen: 50.938 ug/L

RT: 7.587 min Scan# 2036

Delta R.T. -0.000 min

Lab File: VV031220.D

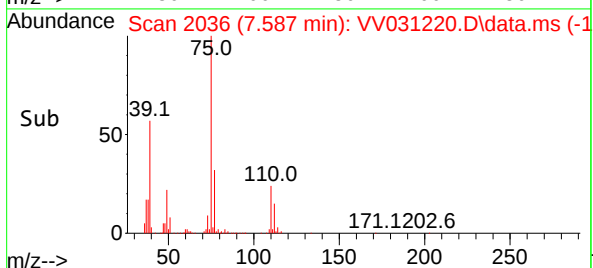
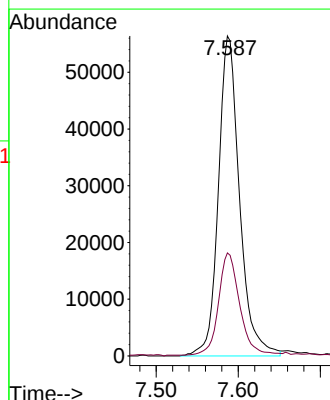
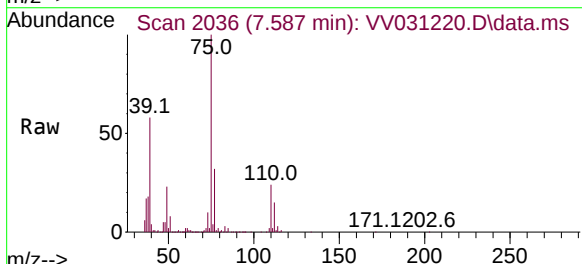
Acq: 24 May 2023 17:09

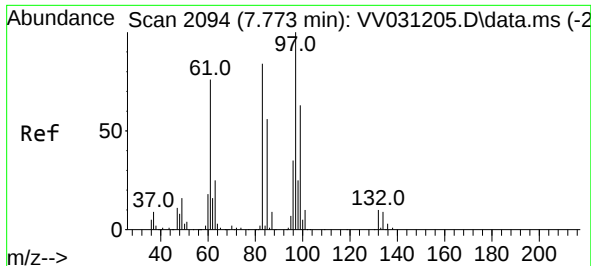
Tgt Ion: 75 Resp: 101387

Ion Ratio Lower Upper

75 100

77 32.2 22.2 41.2

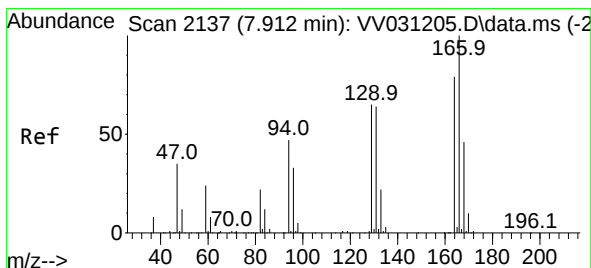
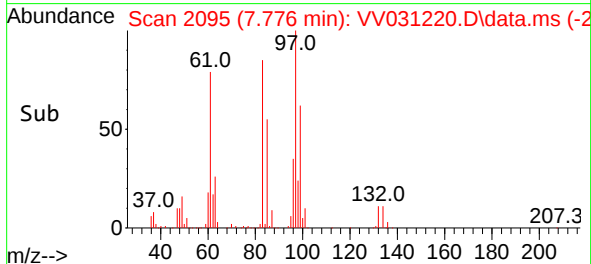
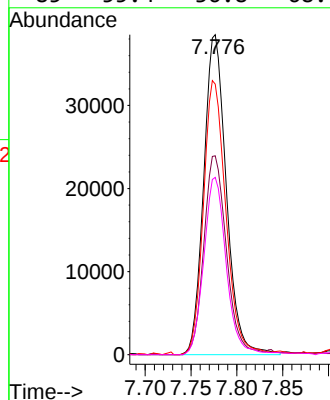
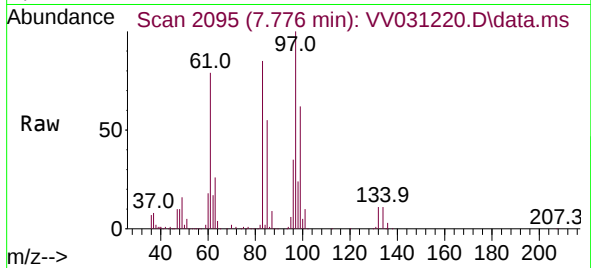




#45
1,1,2-Trichloroethane
Concen: 47.470 ug/L
RT: 7.776 min Scan# 2094
Delta R.T. 0.003 min
Lab File: VV031220.D
Acq: 24 May 2023 17:09

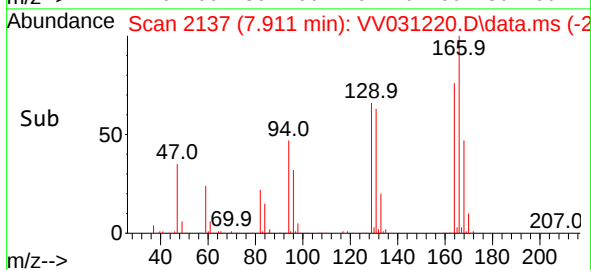
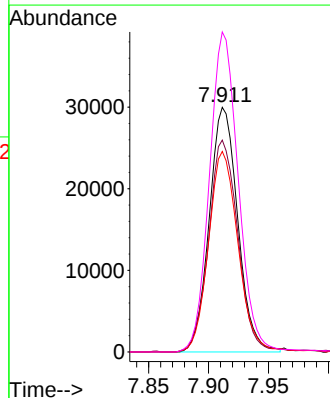
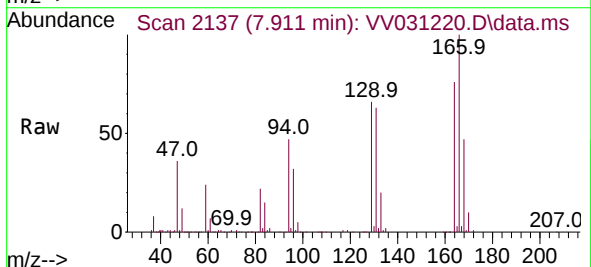
Instrument :
MSVOA_V
ClientSampleId :
GBX75MSD

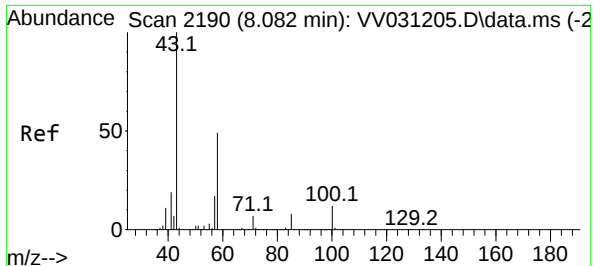
Tgt Ion: 97	Resp: 66094
Ion Ratio	Lower Upper
97 100	
99 62.1	43.2 80.2
83 84.6	60.5 112.3
85 55.4	36.8 68.4



#46
Tetrachloroethene
Concen: 46.482 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VV031220.D
Acq: 24 May 2023 17:09

Tgt Ion:164	Resp: 49578
Ion Ratio	Lower Upper
164 100	
129 86.6	65.5 121.7
131 81.9	62.1 115.3
166 130.8	93.4 173.4

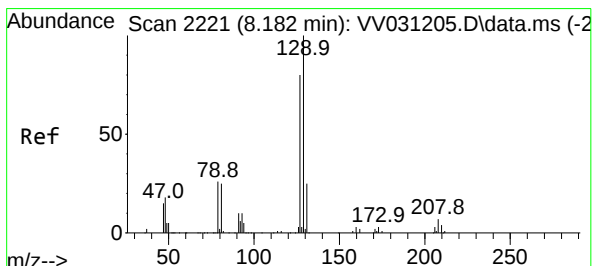
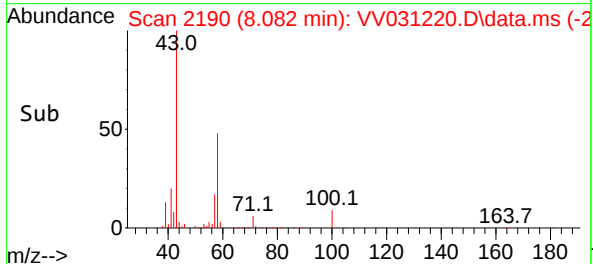
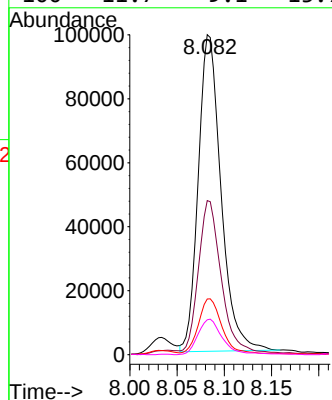
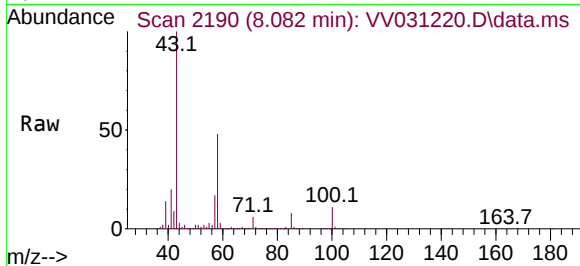




#48
2-Hexanone
Concen: 101.442 ug/L
RT: 8.082 min Scan# 2190
Delta R.T. -0.000 min
Lab File: VV031220.D
Acq: 24 May 2023 17:09

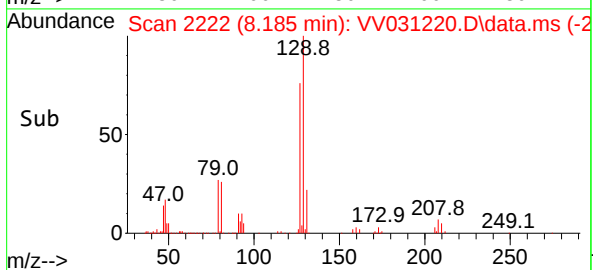
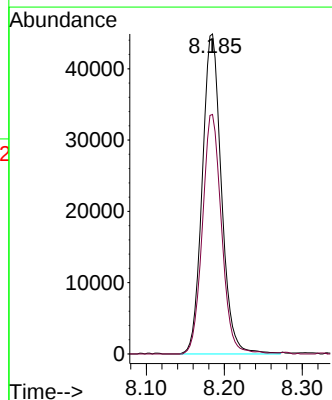
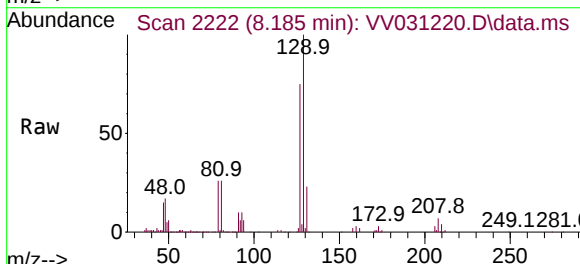
Instrument :
MSVOA_V
ClientSampleId :
GBX75MSD

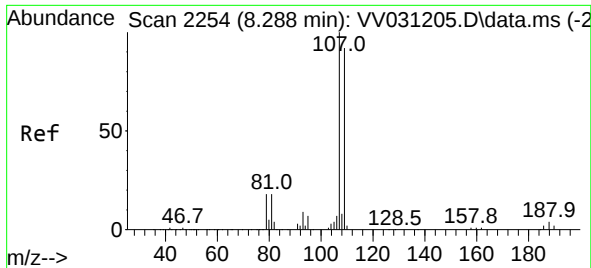
Tgt Ion:	43	Resp:	165891
Ion	Ratio	Lower	Upper
43	100		
58	49.3	39.8	59.6
57	17.5	14.4	21.6
100	11.7	9.1	13.7



#49
Dibromochloromethane
Concen: 48.811 ug/L
RT: 8.185 min Scan# 2222
Delta R.T. 0.003 min
Lab File: VV031220.D
Acq: 24 May 2023 17:09

Tgt Ion:	129	Resp:	76679
Ion	Ratio	Lower	Upper
129	100		
127	74.8	56.1	104.1





#50

1,2-Dibromoethane

Concen: 47.792 ug/L

RT: 8.288 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV031220.D

Acq: 24 May 2023 17:09

Instrument :

MSVOA_V

ClientSampleId :

GBX75MSD

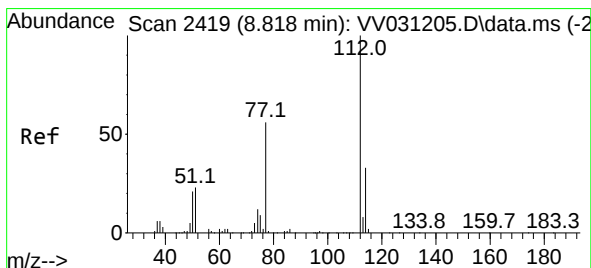
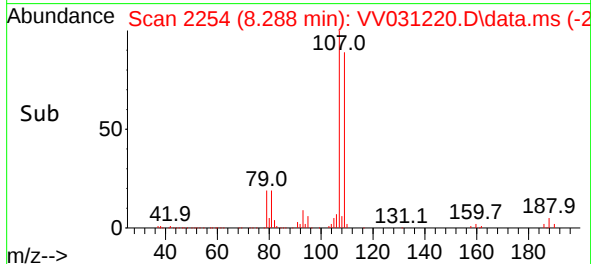
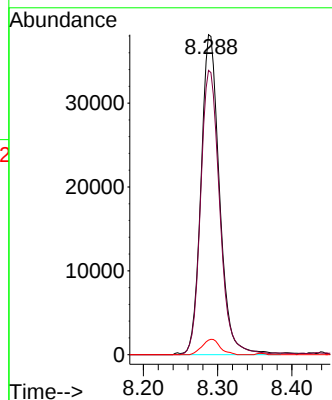
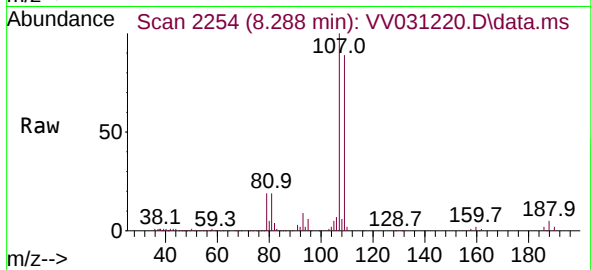
Tgt Ion:107 Resp: 66158

Ion Ratio Lower Upper

107 100

109 88.8 65.6 121.8

188 4.5 3.8 5.6



#51

Chlorobenzene

Concen: 47.829 ug/L

RT: 8.821 min Scan# 2420

Delta R.T. 0.003 min

Lab File: VV031220.D

Acq: 24 May 2023 17:09

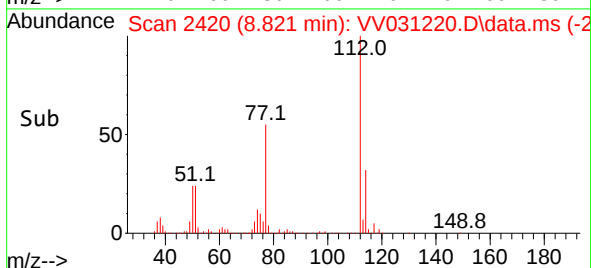
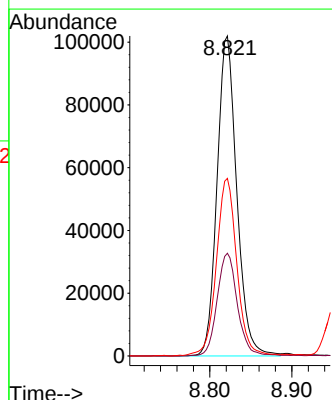
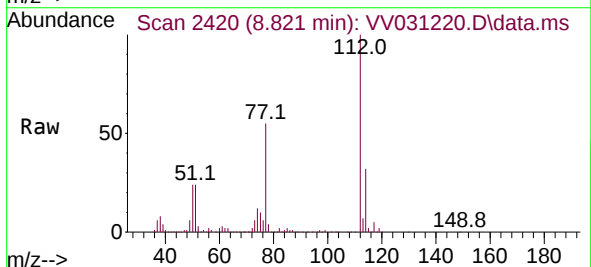
Tgt Ion:112 Resp: 170741

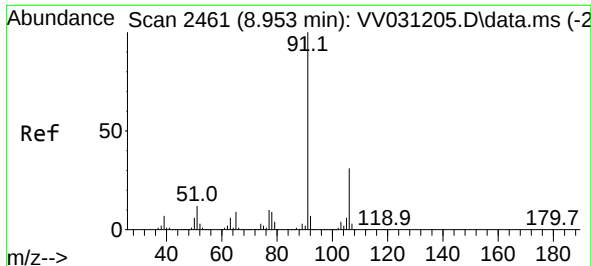
Ion Ratio Lower Upper

112 100

114 32.1 23.0 42.8

77 55.5 46.2 69.4

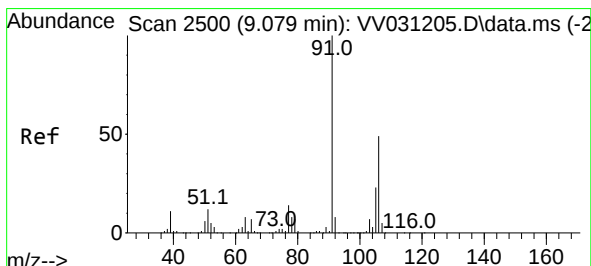
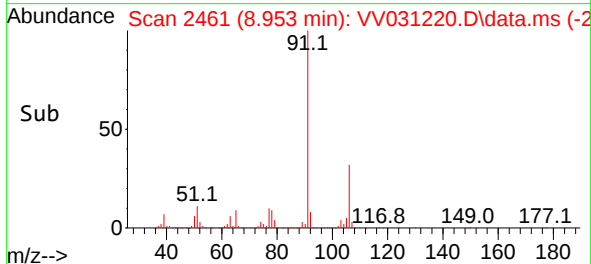
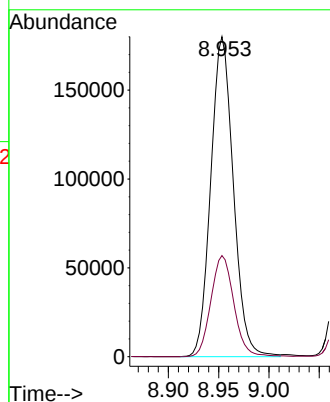
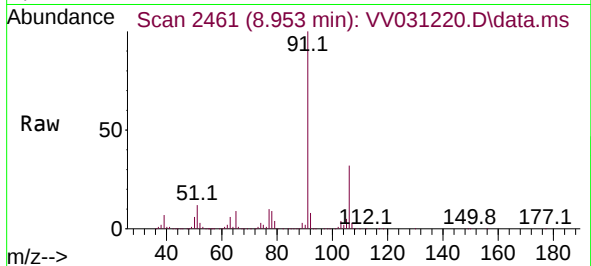




#52
Ethylbenzene
Concen: 49.050 ug/L
RT: 8.953 min Scan# 2461
Delta R.T. -0.000 min
Lab File: VV031220.D
Acq: 24 May 2023 17:09

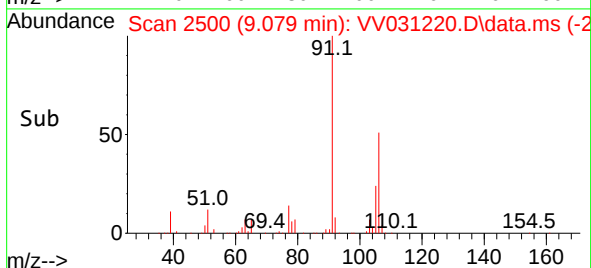
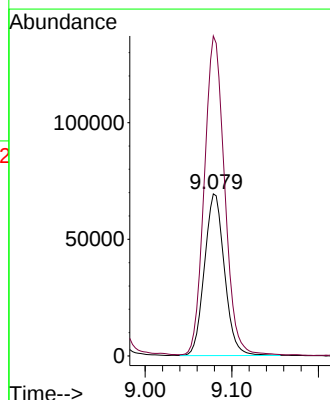
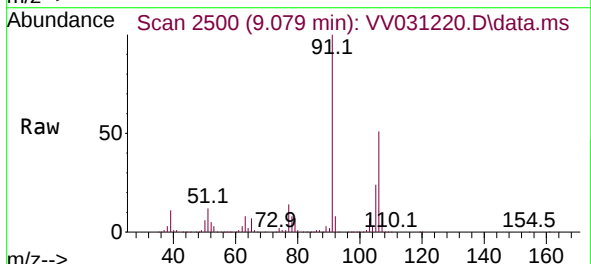
Instrument :
MSVOA_V
ClientSampleId :
GBX75MSD

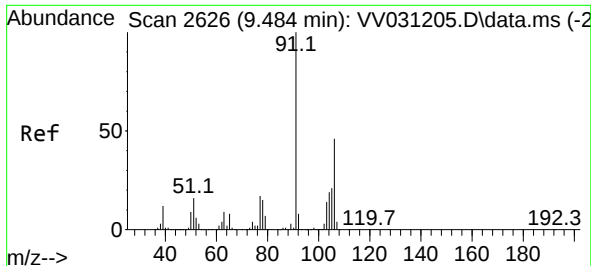
Tgt Ion: 91 Resp: 281669
Ion Ratio Lower Upper
91 100
106 31.6 21.5 39.9



#53
m,p-Xylene
Concen: 49.918 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. -0.000 min
Lab File: VV031220.D
Acq: 24 May 2023 17:09

Tgt Ion:106 Resp: 111194
Ion Ratio Lower Upper
106 100
91 197.4 145.3 269.8

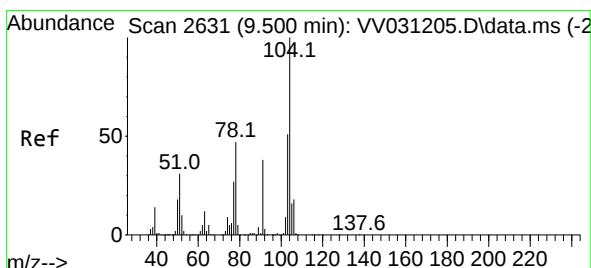
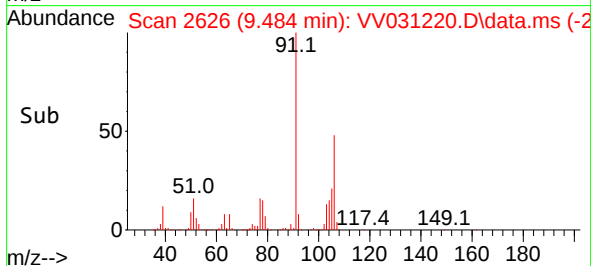
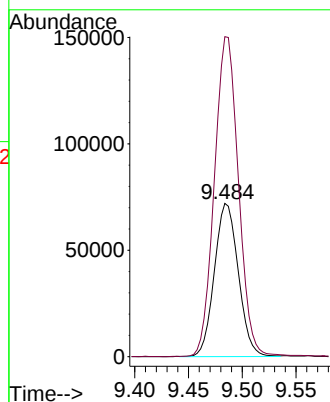
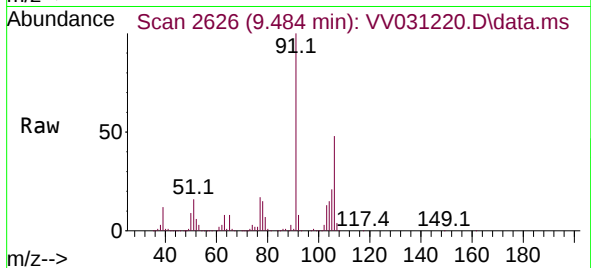




#54
o-Xylene
Concen: 50.684 ug/L
RT: 9.484 min Scan# 2626
Delta R.T. -0.000 min
Lab File: VV031220.D
Acq: 24 May 2023 17:09

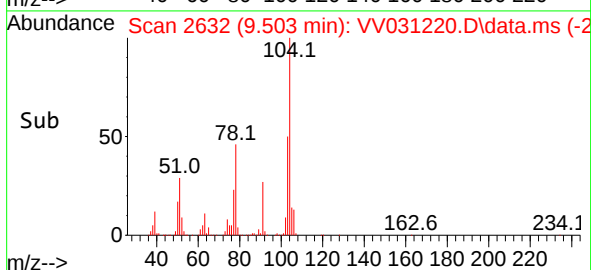
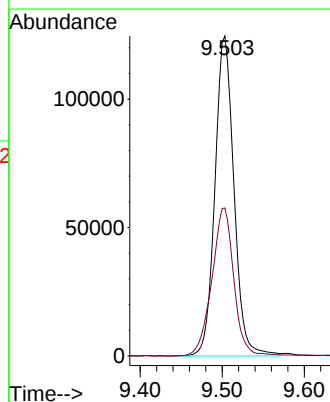
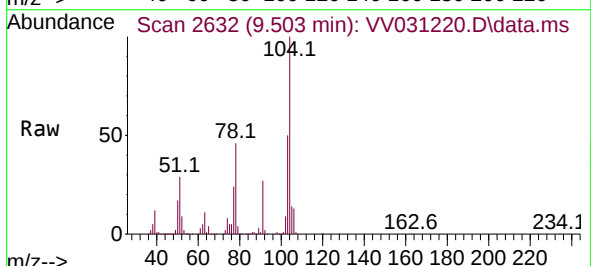
Instrument :
MSVOA_V
ClientSampleId :
GBX75MSD

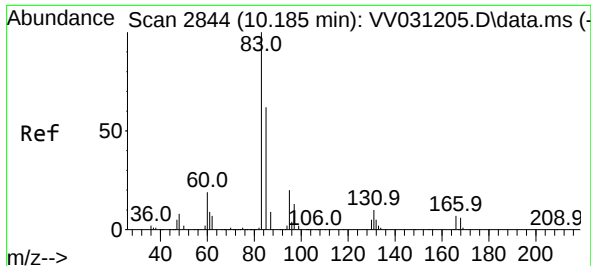
Tgt Ion:106 Resp: 111376
Ion Ratio Lower Upper
106 100
91 208.8 150.4 279.2



#55
Styrene
Concen: 51.715 ug/L
RT: 9.503 min Scan# 2632
Delta R.T. 0.003 min
Lab File: VV031220.D
Acq: 24 May 2023 17:09

Tgt Ion:104 Resp: 200987
Ion Ratio Lower Upper
104 100
78 46.3 33.2 61.6

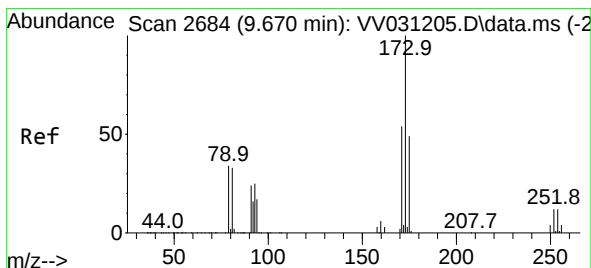
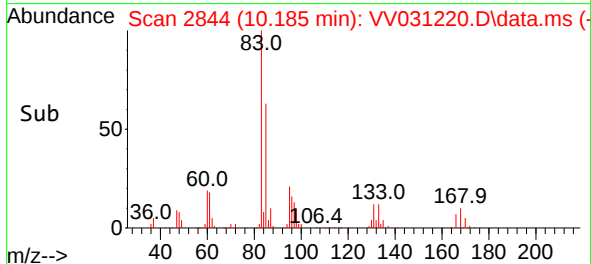
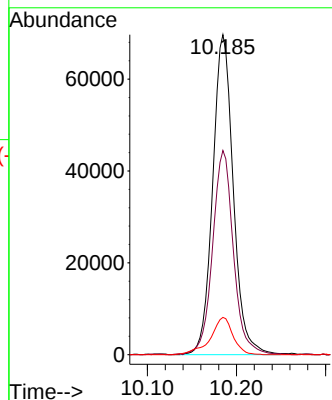
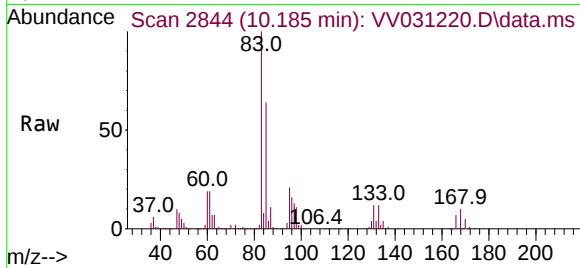




#57
1,1,2,2-Tetrachloroethane
Concen: 48.978 ug/L
RT: 10.185 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VV031220.D
Acq: 24 May 2023 17:09

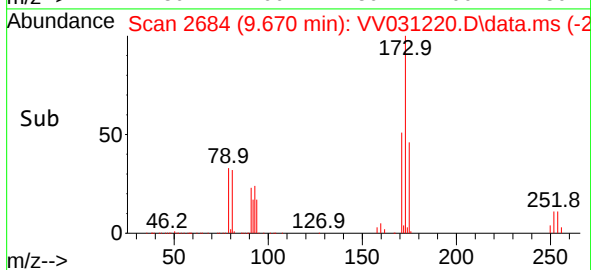
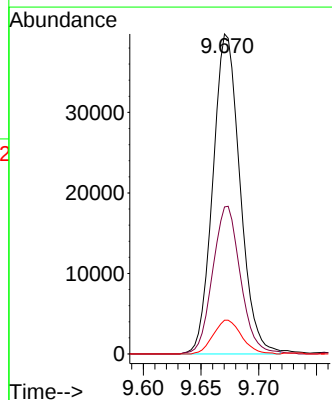
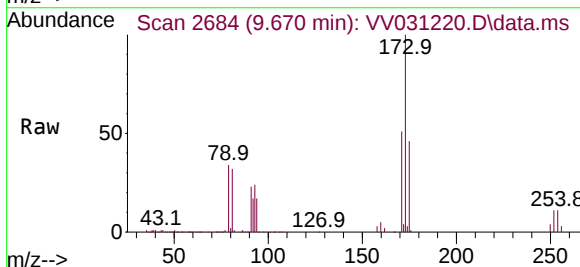
Instrument :
MSVOA_V
ClientSampleId :
GBX75MSD

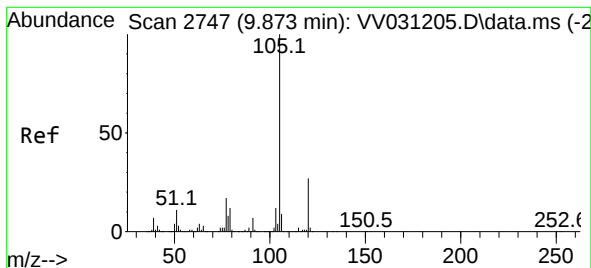
Tgt Ion: 83 Resp: 112047
Ion Ratio Lower Upper
83 100
85 63.8 45.0 83.6
131 11.7 9.2 13.8



#59
Bromoform
Concen: 48.342 ug/L
RT: 9.670 min Scan# 2684
Delta R.T. -0.000 min
Lab File: VV031220.D
Acq: 24 May 2023 17:09

Tgt Ion: 173 Resp: 65041
Ion Ratio Lower Upper
173 100
175 47.3 38.8 58.2
254 11.0 8.8 13.2





#60

Isopropylbenzene

Concen: 48.989 ug/L

RT: 9.873 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV031220.D

Acq: 24 May 2023 17:09

Instrument :

MSVOA_V

ClientSampleId :

GBX75MSD

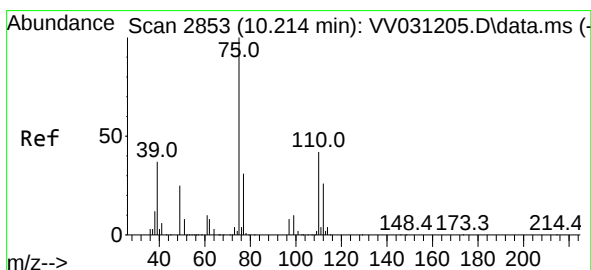
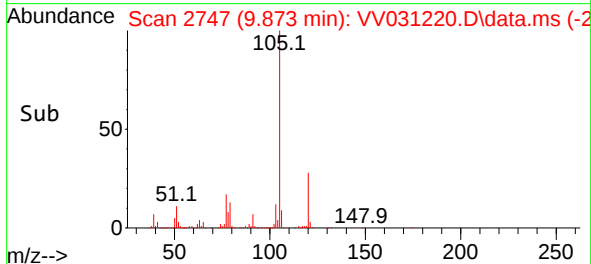
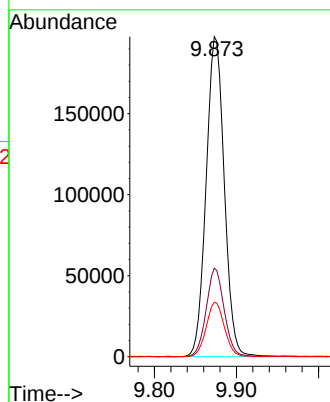
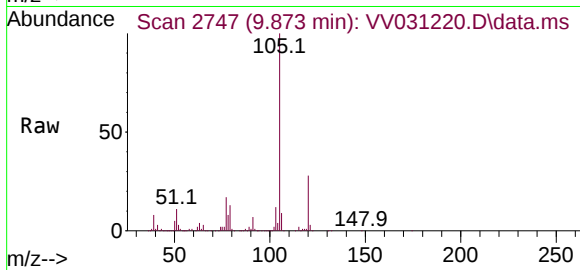
Tgt Ion:105 Resp: 304012

Ion Ratio Lower Upper

105 100

120 27.2 21.4 32.0

77 17.0 13.0 19.6



#61

1,2,3-Trichloropropane

Concen: 49.063 ug/L

RT: 10.217 min Scan# 2854

Delta R.T. 0.003 min

Lab File: VV031220.D

Acq: 24 May 2023 17:09

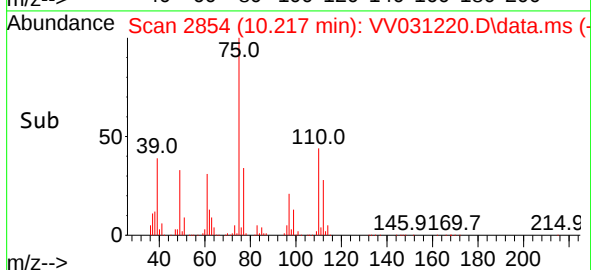
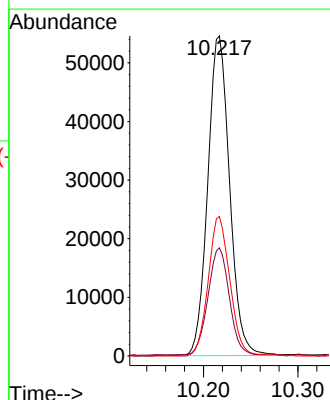
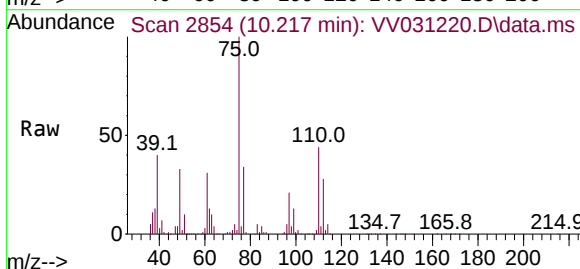
Tgt Ion: 75 Resp: 87581

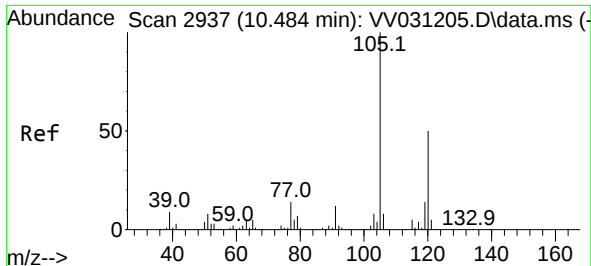
Ion Ratio Lower Upper

75 100

77 32.2 25.5 38.3

110 43.1 32.5 48.7





#62

1,3,5-Trimethylbenzene

Concen: 49.184 ug/L

RT: 10.484 min Scan# 2937

Delta R.T. -0.000 min

Lab File: VV031220.D

Acq: 24 May 2023 17:09

Instrument :

MSVOA_V

ClientSampleId :

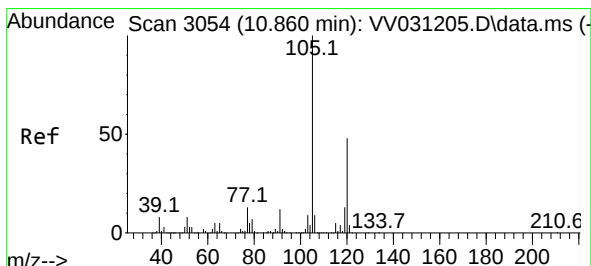
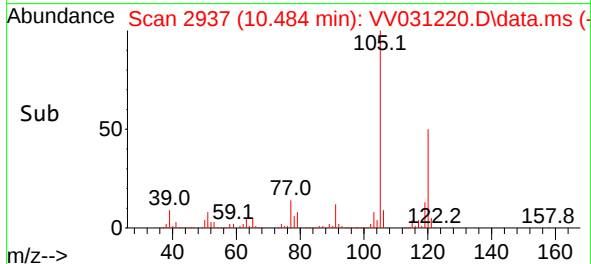
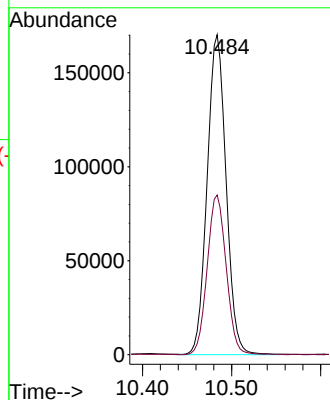
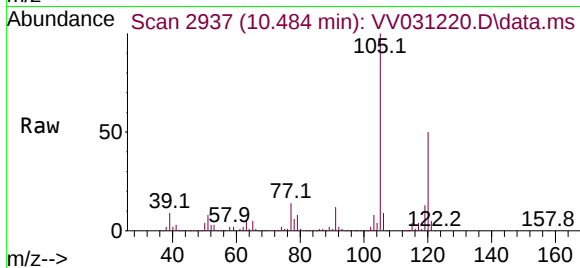
GBX75MSD

Tgt Ion:105 Resp: 250888

Ion Ratio Lower Upper

105 100

120 50.0 40.5 60.7



#63

1,2,4-Trimethylbenzene

Concen: 49.544 ug/L

RT: 10.860 min Scan# 3054

Delta R.T. -0.000 min

Lab File: VV031220.D

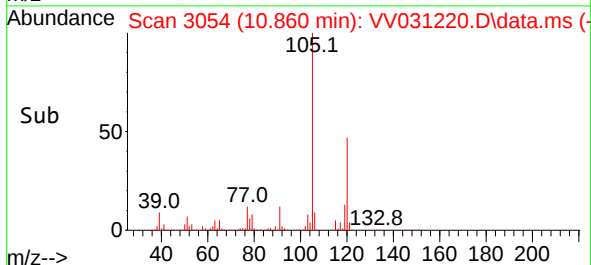
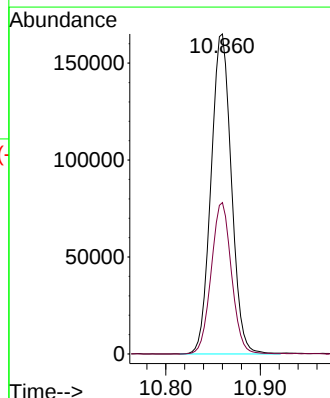
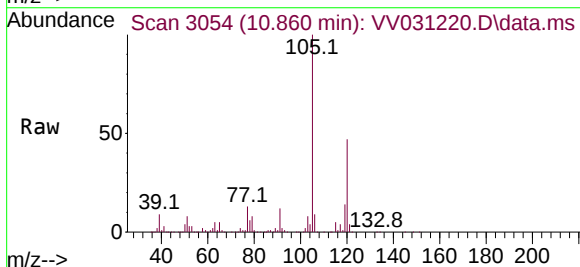
Acq: 24 May 2023 17:09

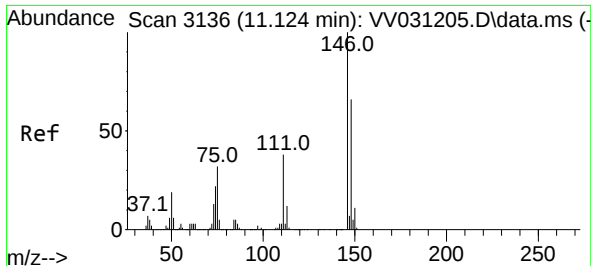
Tgt Ion:105 Resp: 247103

Ion Ratio Lower Upper

105 100

120 47.1 37.5 56.3

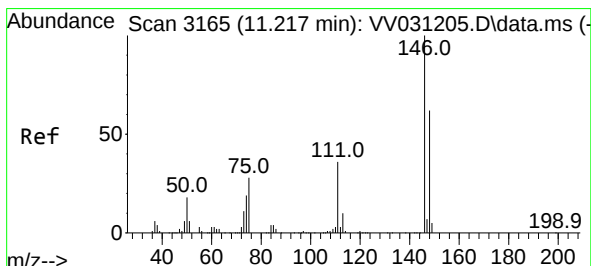
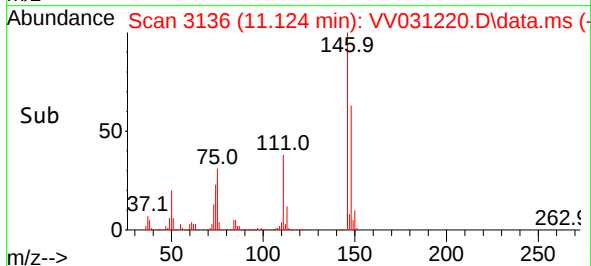
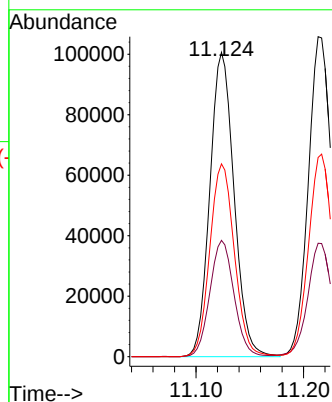
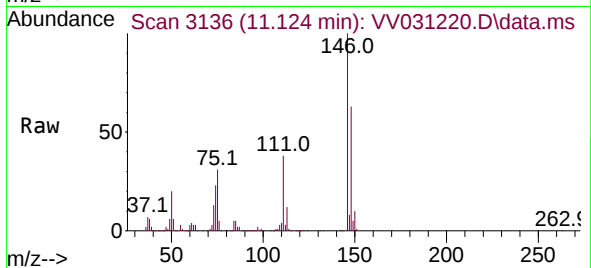




#64
1,3-Dichlorobenzene
Concen: 49.465 ug/L
RT: 11.124 min Scan# 3136
Delta R.T. -0.000 min
Lab File: VV031220.D
Acq: 24 May 2023 17:09

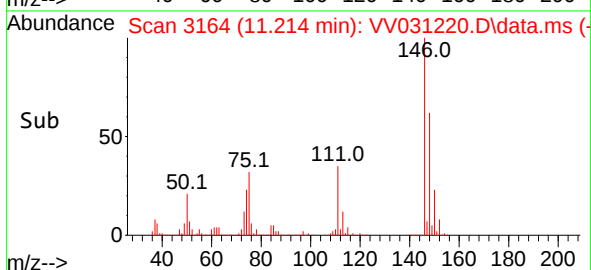
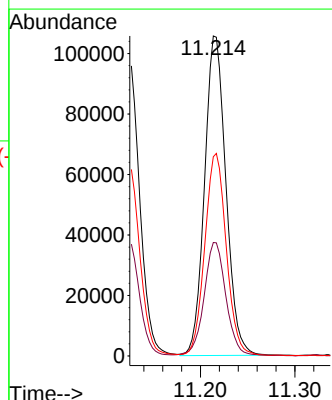
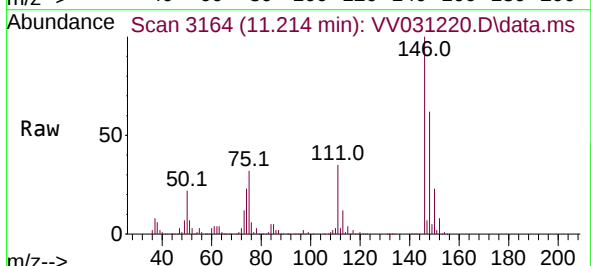
Instrument :
MSVOA_V
ClientSampleId :
GBX75MSD

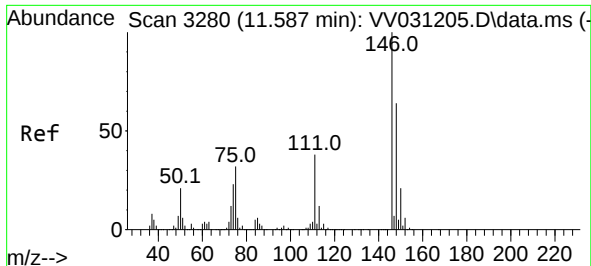
Tgt Ion:146 Resp: 157286
Ion Ratio Lower Upper
146 100
111 38.2 27.2 50.4
148 63.3 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 50.157 ug/L
RT: 11.214 min Scan# 3164
Delta R.T. -0.003 min
Lab File: VV031220.D
Acq: 24 May 2023 17:09

Tgt Ion:146 Resp: 165917
Ion Ratio Lower Upper
146 100
111 35.5 25.5 47.3
148 62.2 44.5 82.7

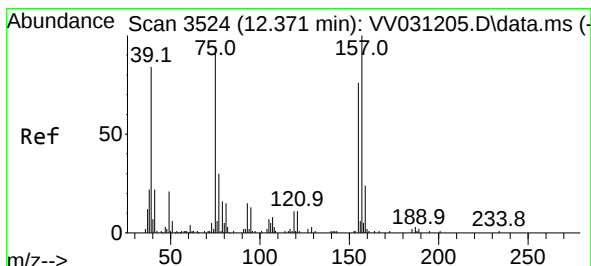
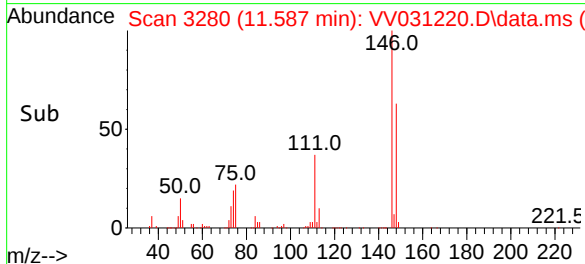
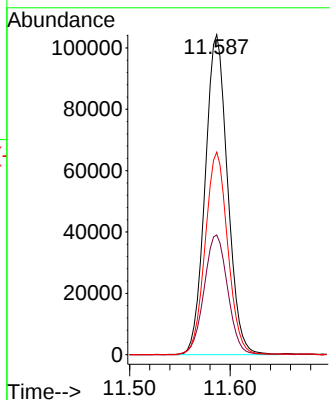
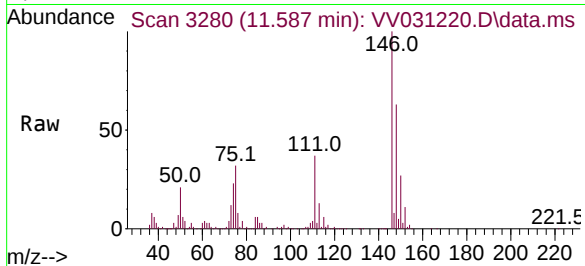




#67
1,2-Dichlorobenzene
Concen: 50.167 ug/L
RT: 11.587 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV031220.D
Acq: 24 May 2023 17:09

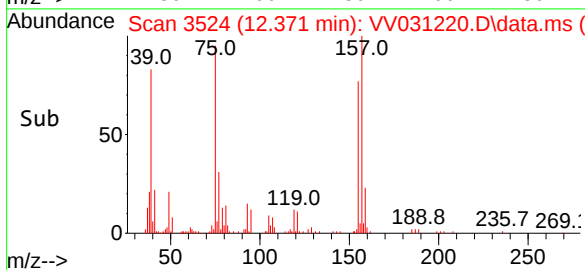
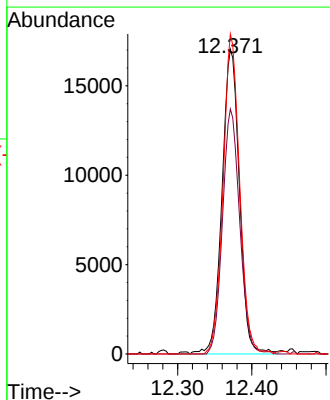
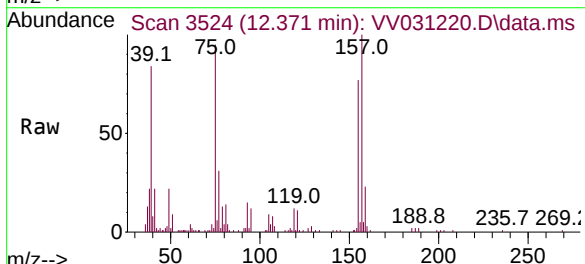
Instrument :
MSVOA_V
ClientSampleId :
GBX75MSD

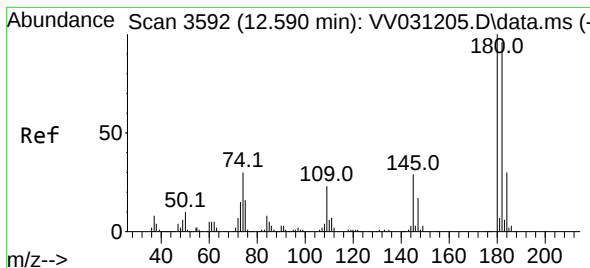
Tgt Ion:146 Resp: 161859
Ion Ratio Lower Upper
146 100
111 37.4 31.4 47.2
148 63.3 50.2 75.4



#68
1,2-Dibromo-3-chloropropane
Concen: 50.926 ug/L
RT: 12.371 min Scan# 3524
Delta R.T. -0.000 min
Lab File: VV031220.D
Acq: 24 May 2023 17:09

Tgt Ion: 75 Resp: 27905
Ion Ratio Lower Upper
75 100
155 80.4 70.9 106.3
157 105.0 88.1 132.1





#69

1,3,5-Trichlorobenzene

Concen: 49.843 ug/L

RT: 12.590 min Scan# 3592

Delta R.T. -0.000 min

Lab File: VV031220.D

Acq: 24 May 2023 17:09

Instrument :

MSVOA_V

ClientSampleId :

GBX75MSD

Tgt Ion:180 Resp: 122516

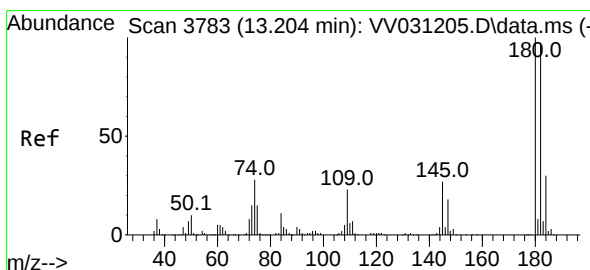
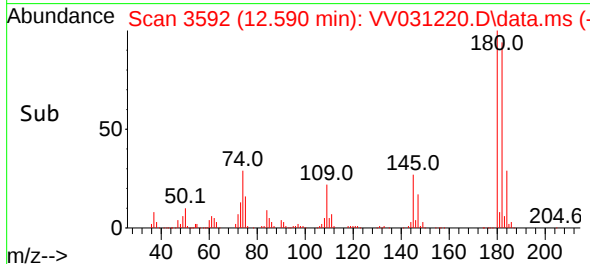
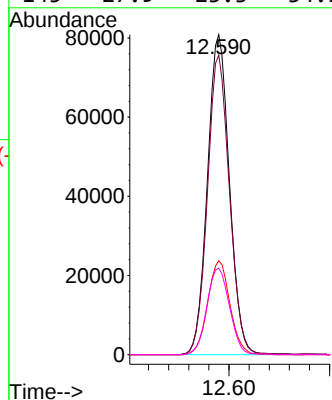
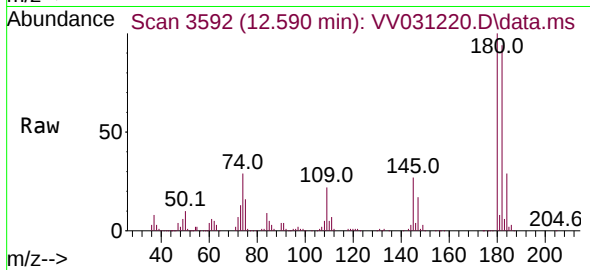
Ion Ratio Lower Upper

180 100

182 93.6 76.6 115.0

184 29.8 24.6 37.0

145 27.9 23.3 34.9



#70

1,2,4-trichlorobenzene

Concen: 51.966 ug/L

RT: 13.204 min Scan# 3783

Delta R.T. -0.000 min

Lab File: VV031220.D

Acq: 24 May 2023 17:09

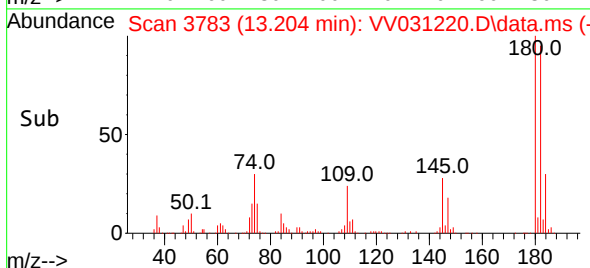
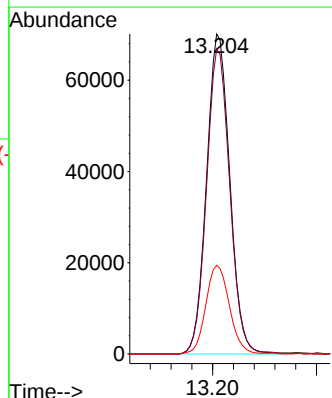
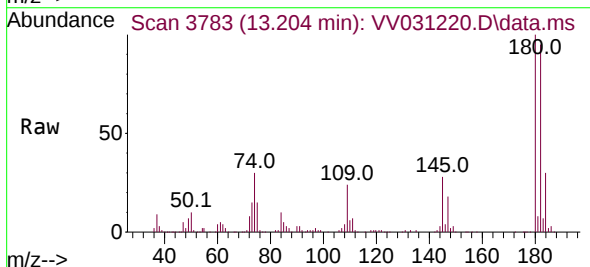
Tgt Ion:180 Resp: 108706

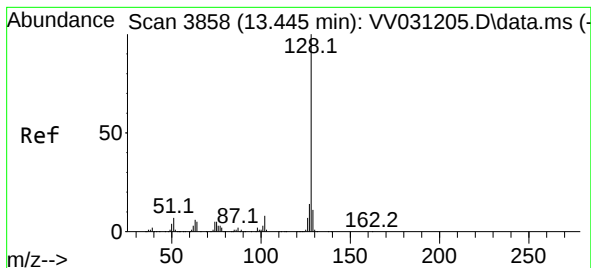
Ion Ratio Lower Upper

180 100

182 94.9 75.4 113.2

145 28.1 23.1 34.7





#71

Naphthalene

Concen: 56.340 ug/L

RT: 13.445 min Scan# 3858

Delta R.T. -0.000 min

Lab File: VV031220.D

Acq: 24 May 2023 17:09

Instrument :

MSVOA_V

ClientSampleId :

GBX75MSD

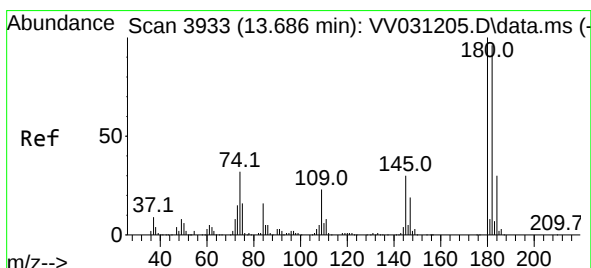
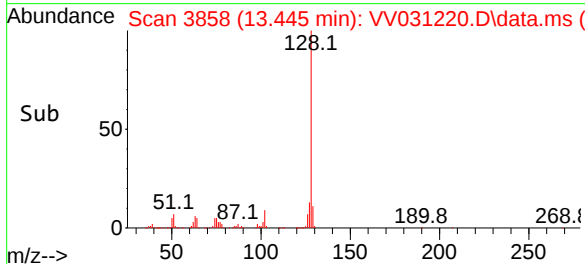
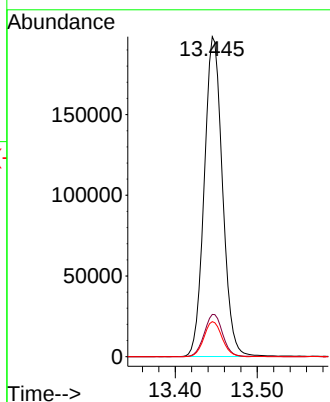
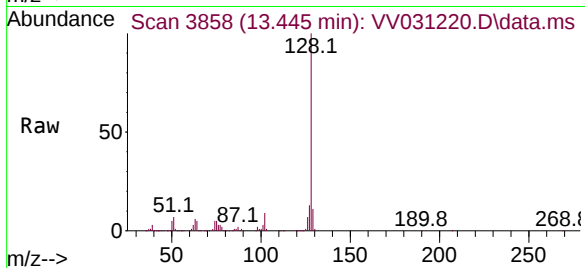
Tgt Ion:128 Resp: 306132

Ion Ratio Lower Upper

128 100

127 13.4 10.6 16.0

129 10.9 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 54.266 ug/L

RT: 13.689 min Scan# 3934

Delta R.T. 0.003 min

Lab File: VV031220.D

Acq: 24 May 2023 17:09

Tgt Ion:180 Resp: 113436

Ion Ratio Lower Upper

180 100

182 92.9 75.4 113.0

145 29.6 24.2 36.4

