

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042723\
 Data File : VW030908.D
 Acq On : 27 Apr 2023 18:01
 Operator : SY/MD
 Sample : 02447-19MSDME
 Misc : 3.27g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 28 00:53:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 27 04:45:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	251879	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	244851	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	150842	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	76873	41.632	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.260%
7) Chloroethane-d5	1.535	69	61889	39.997	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.000%
11) 1,1-Dichloroethene-d2	2.063	65	36608	41.806	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.620%
21) 2-Butanone-d5	3.796	46	102798	101.360	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.360%
24) Chloroform-d	4.259	84	150371	44.937	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.880%
26) 1,2-Dichloroethane-d4	4.950	65	106851	49.667	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.340%
32) Benzene-d6	4.969	84	271392	46.881	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.760%
36) 1,2-Dichloropropane-d6	5.998	67	78256	43.519	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.040%
41) Toluene-d8	7.252	98	264526	48.668	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.340%
43) trans-1,3-Dichloroprop...	7.558	79	44393	48.981	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.960%
47) 2-Hexanone-d5	8.034	63	67990	95.979	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.980%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	123278	47.246	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.500%
66) 1,2-Dichlorobenzene-d4	11.567	152	114830	47.894	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.780%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	92475	42.702	ug/L	100
3) Chloromethane	1.217	50	95535	33.630	ug/L	99
5) Vinyl chloride	1.288	62	84150	36.742	ug/L	100
6) Bromomethane	1.490	94	44251	48.726	ug/L	99
8) Chloroethane	1.551	64	55384	35.257	ug/L	98
9) Trichlorofluoromethane	1.719	101	158082	42.588	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	81990	42.030	ug/L	99
12) 1,1-Dichloroethene	2.076	96	70558	40.006	ug/L	98
13) Acetone	2.124	43	126020	80.300	ug/L	98
14) Carbon disulfide	2.246	76	155326	31.180	ug/L	99
15) Methyl Acetate	2.381	43	87463	41.762	ug/L	96
16) Methylene chloride	2.455	84	75816	37.564	ug/L	99
17) trans-1,2-Dichloroethene	2.699	96	67930	38.153	ug/L	98
18) Methyl tert-butyl Ether	2.712	73	262368	46.005	ug/L	97
19) 1,1-Dichloroethane	3.121	63	144768	39.880	ug/L	99
20) cis-1,2-Dichloroethene	3.821	96	80743	41.689	ug/L	98
22) 2-Butanone	3.879	43	135827	83.751	ug/L	99
23) Bromochloromethane	4.159	128	46257	42.762	ug/L	94
25) Chloroform	4.285	83	159048	42.331	ug/L	97

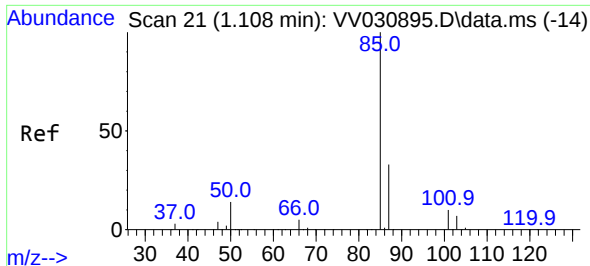
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042723\
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 27 04:45:18 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	144354	45.386	ug/L	99
29) Cyclohexane	4.593	56	104808	35.669	ug/L	97
30) 1,1,1-Trichloroethane	4.522	97	149724	43.518	ug/L	99
31) Carbon tetrachloride	4.744	117	132439	43.055	ug/L	99
33) Benzene	5.021	78	305727	41.118	ug/L	100
34) Trichloroethene	5.841	95	80480	41.613	ug/L	99
35) Methylcyclohexane	6.059	83	113669	37.509	ug/L	98
37) 1,2-Dichloropropane	6.101	63	80297	40.123	ug/L	98
38) Bromodichloromethane	6.442	83	121630	43.265	ug/L	97
39) cis-1,3-Dichloropropene	6.960	75	127521	42.455	ug/L	99
40) 4-Methyl-2-pentanone	7.165	43	252533	90.334	ug/L	98
42) Toluene	7.323	91	342718	43.033	ug/L	100
44) trans-1,3-Dichloropropene	7.587	75	135298	45.849	ug/L	99
45) 1,1,2-Trichloroethane	7.776	97	87879	43.792	ug/L	99
46) Tetrachloroethene	7.911	164	71133	42.019	ug/L	99
48) 2-Hexanone	8.082	43	210603	91.302	ug/L	97
49) Dibromochloromethane	8.185	129	96962	43.805	ug/L	99
50) 1,2-Dibromoethane	8.288	107	88904	42.757	ug/L	99
51) Chlorobenzene	8.821	112	229936	43.594	ug/L	97
52) Ethylbenzene	8.953	91	385028	43.671	ug/L	100
53) m,p-Xylene	9.082	106	149033	44.751	ug/L	97
54) o-Xylene	9.487	106	147712	45.339	ug/L	96
55) Styrene	9.503	104	267353	46.717	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.185	83	141576	42.970	ug/L	99
59) Bromoform	9.670	173	80264	42.500	ug/L	98
60) Isopropylbenzene	9.876	105	399589	42.476	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	112647	41.695	ug/L	98
62) 1,3,5-Trimethylbenzene	10.484	105	330118	42.621	ug/L	98
63) 1,2,4-Trimethylbenzene	10.860	105	330635	42.754	ug/L	98
64) 1,3-Dichlorobenzene	11.123	146	206837	43.916	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	217678	43.829	ug/L	98
67) 1,2-Dichlorobenzene	11.586	146	208348	43.849	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.371	75	34046	42.535	ug/L	96
69) 1,3,5-Trichlorobenzene	12.590	180	160779	45.190	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	140745	46.592	ug/L	99
71) Naphthalene	13.448	128	405280	49.045	ug/L	100
72) 1,2,3-Trichlorobenzene	13.689	180	145042	48.421	ug/L	100

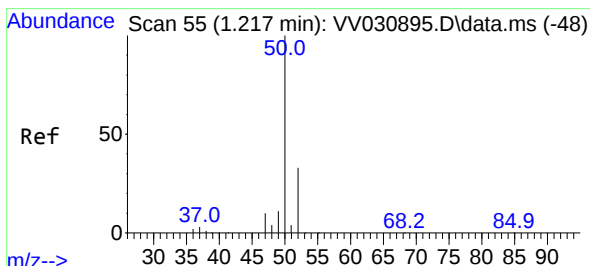
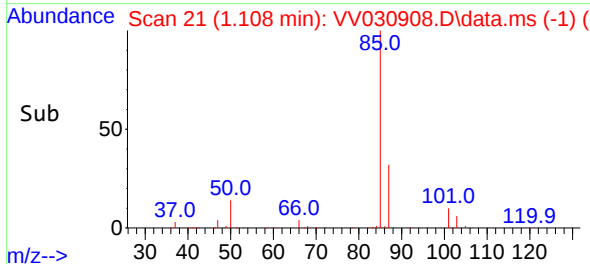
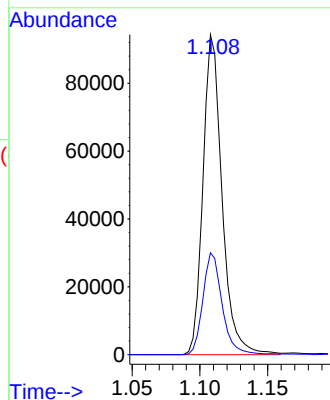
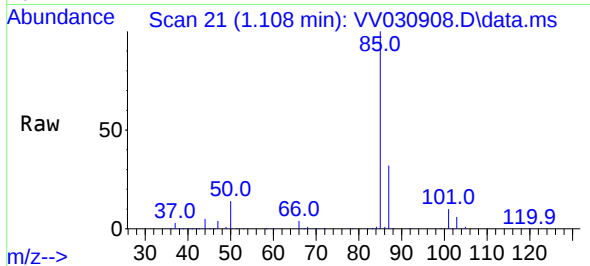
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 42.702 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV030908.D
 Acq: 27 Apr 2023 18:01

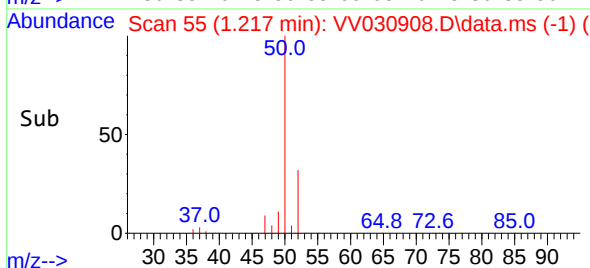
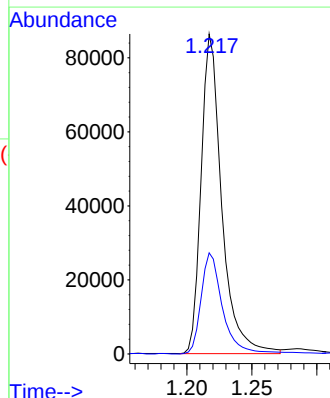
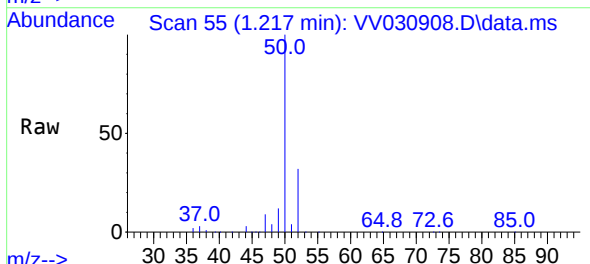
Instrument :
 MSVOA_V
 ClientSampleId :

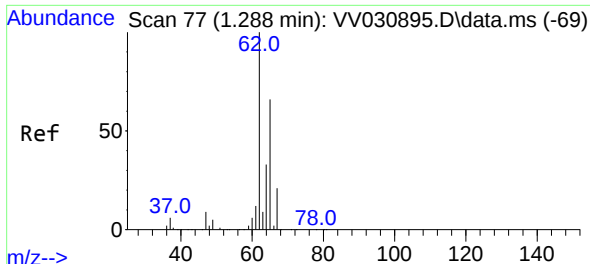
Tgt Ion: 85 Resp: 92475
 Ion Ratio Lower Upper
 85 100
 87 32.0 25.6 38.4



#3
 Chloromethane
 Concen: 33.630 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV030908.D
 Acq: 27 Apr 2023 18:01

Tgt Ion: 50 Resp: 95535
 Ion Ratio Lower Upper
 50 100
 52 31.6 22.5 41.9

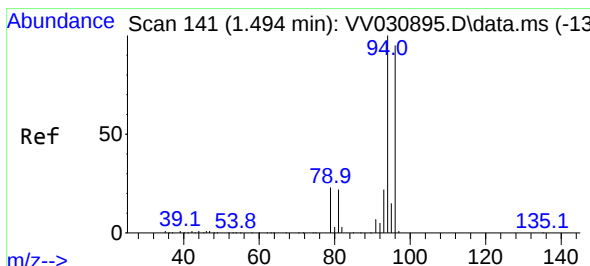
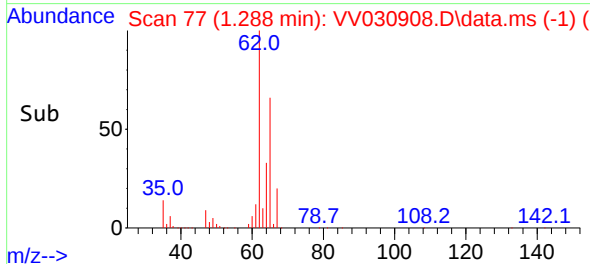
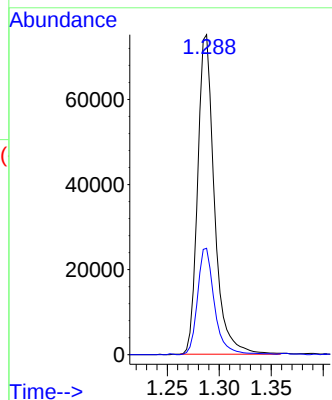
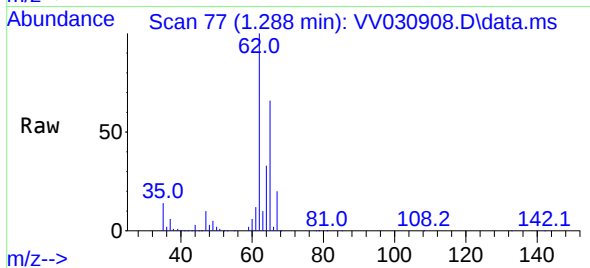




#5
Vinyl chloride
Concen: 36.742 ug/L
RT: 1.288 min Scan# 71
Delta R.T. 0.003 min
Lab File: VV030908.D
Acq: 27 Apr 2023 18:01

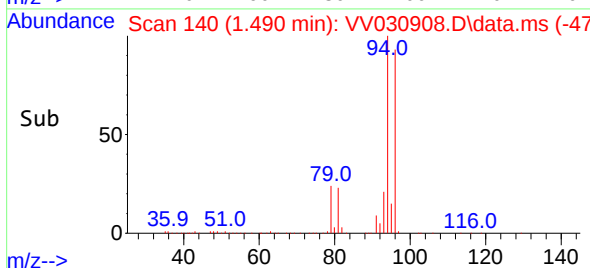
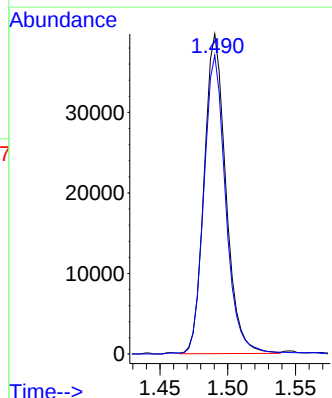
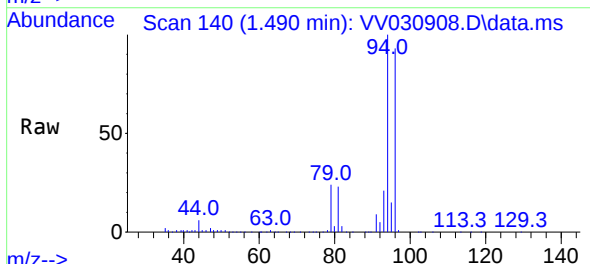
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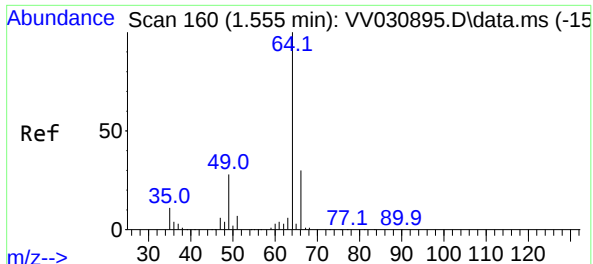
Tgt Ion: 62 Resp: 84150
Ion Ratio Lower Upper
62 100
64 33.3 23.4 43.4



#6
Bromomethane
Concen: 48.726 ug/L
RT: 1.490 min Scan# 140
Delta R.T. -0.000 min
Lab File: VV030908.D
Acq: 27 Apr 2023 18:01

Tgt Ion: 94 Resp: 44251
Ion Ratio Lower Upper
94 100
96 93.3 66.3 123.1

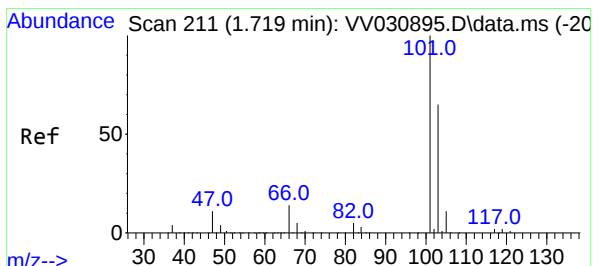
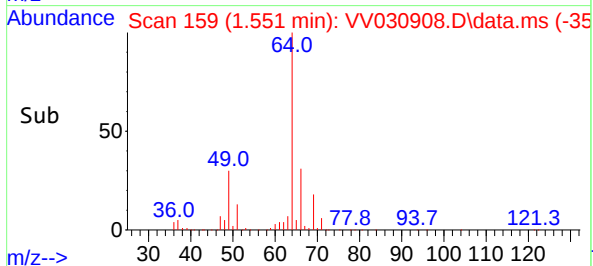
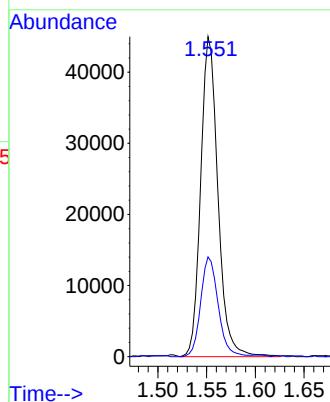
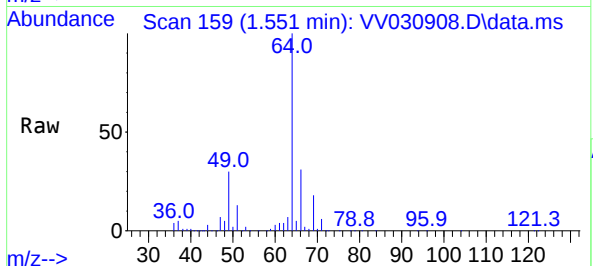




#8
Chloroethane
Concen: 35.257 ug/L
RT: 1.551 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV030908.D
Acq: 27 Apr 2023 18:01

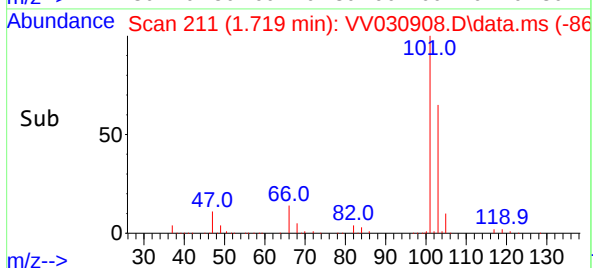
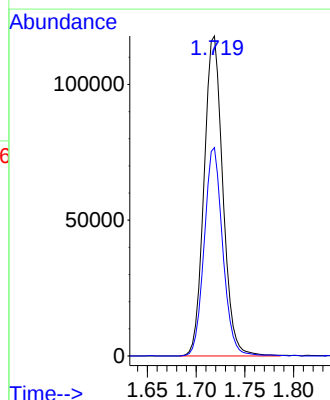
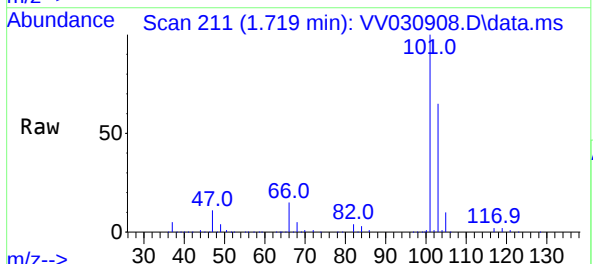
Instrument :
MSVOA_V
ClientSampleId :

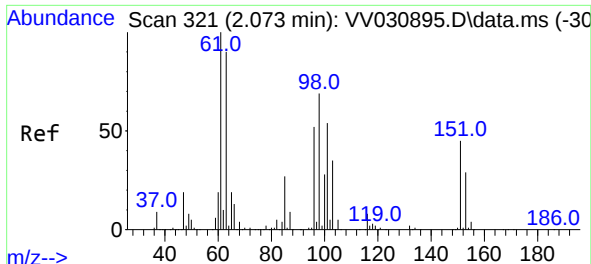
Tgt Ion: 64 Resp: 55384
Ion Ratio Lower Upper
64 100
66 31.2 22.7 42.3



#9
Trichlorofluoromethane
Concen: 42.588 ug/L
RT: 1.719 min Scan# 211
Delta R.T. 0.003 min
Lab File: VV030908.D
Acq: 27 Apr 2023 18:01

Tgt Ion:101 Resp: 158082
Ion Ratio Lower Upper
101 100
103 64.0 51.4 77.0

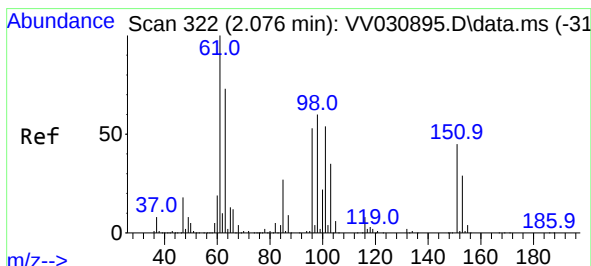
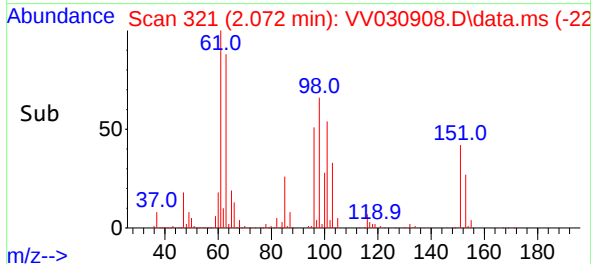
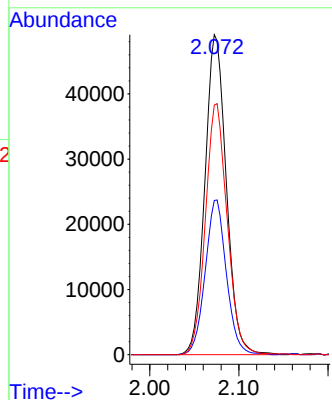
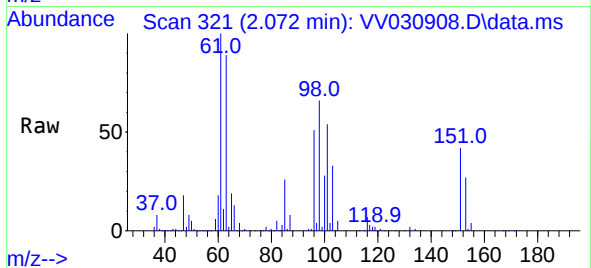




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 42.030 ug/L
RT: 2.072 min Scan# 311
Delta R.T. -0.000 min
Lab File: VV030908.D
Acq: 27 Apr 2023 18:01

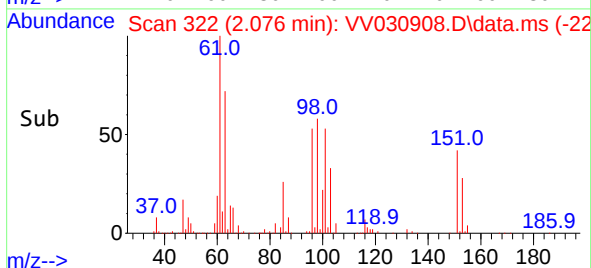
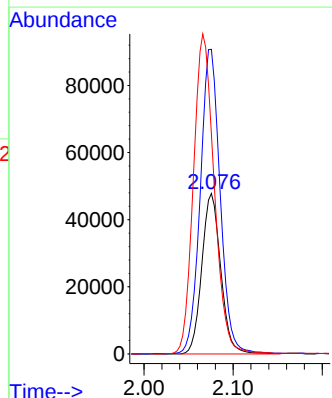
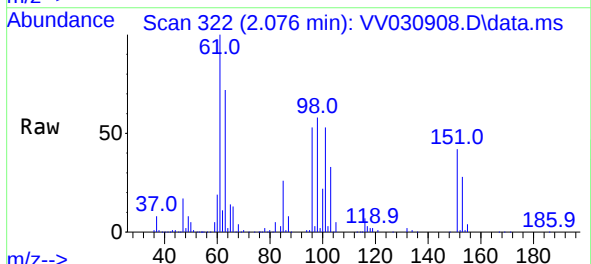
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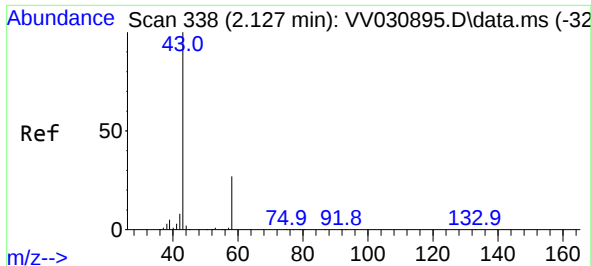
Tgt Ion:101 Resp: 81990
Ion Ratio Lower Upper
101 100
85 47.9 37.5 56.3
151 79.9 63.5 95.3



#12
1,1-Dichloroethene
Concen: 40.006 ug/L
RT: 2.076 min Scan# 322
Delta R.T. 0.003 min
Lab File: VV030908.D
Acq: 27 Apr 2023 18:01

Tgt Ion: 96 Resp: 70558
Ion Ratio Lower Upper
96 100
61 189.9 131.9 245.0
63 137.1 99.8 185.3

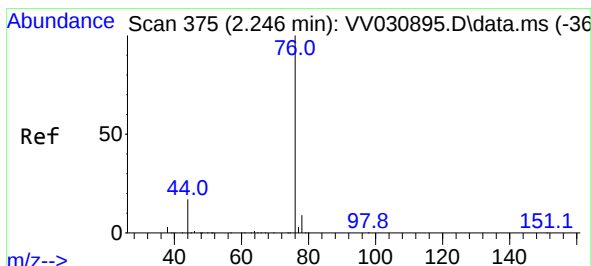
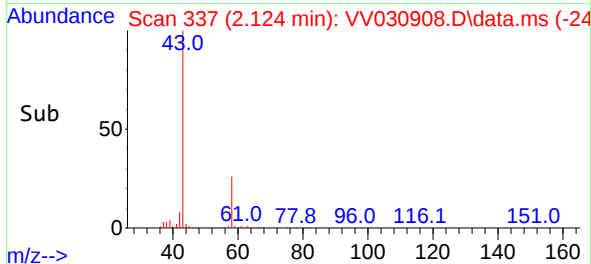
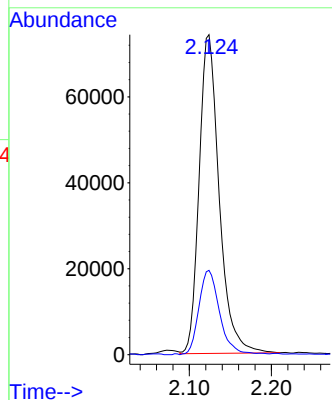
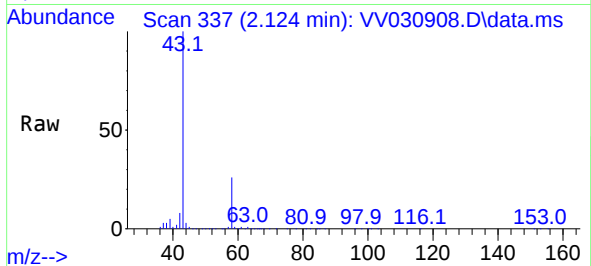




#13
Acetone
Concen: 80.300 ug/L
RT: 2.124 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV030908.D
Acq: 27 Apr 2023 18:01

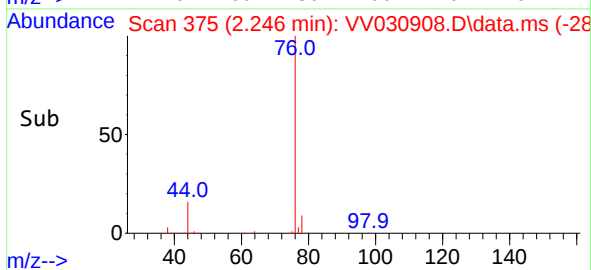
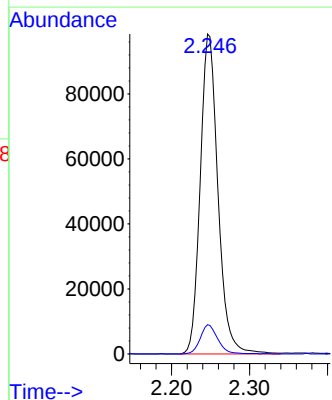
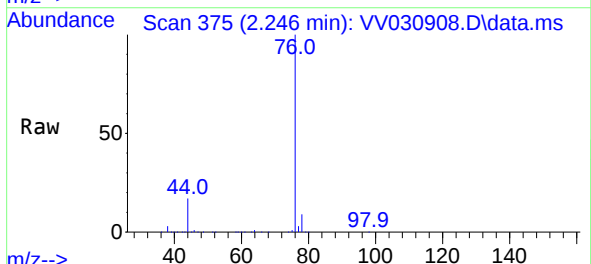
Instrument :
MSVOA_V
ClientSampleId :

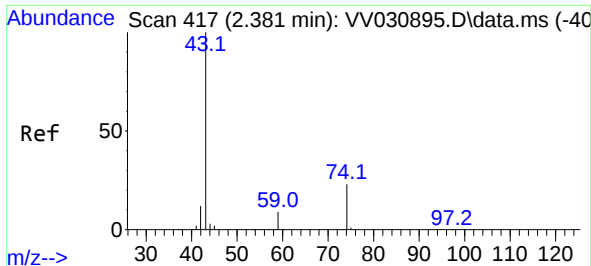
Tgt Ion: 43 Resp: 126020
Ion Ratio Lower Upper
43 100
58 27.3 0.0 52.8



#14
Carbon disulfide
Concen: 31.180 ug/L
RT: 2.246 min Scan# 375
Delta R.T. -0.000 min
Lab File: VV030908.D
Acq: 27 Apr 2023 18:01

Tgt Ion: 76 Resp: 155326
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.4

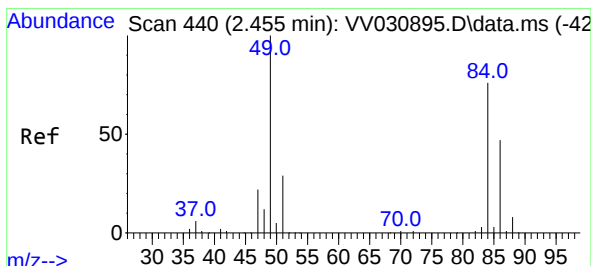
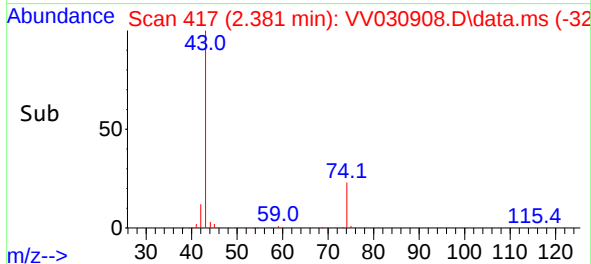
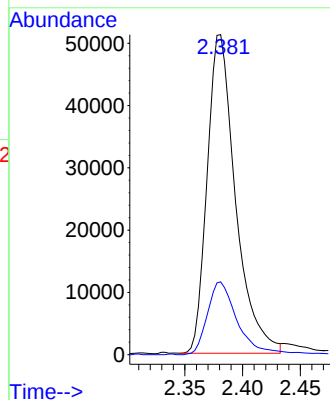
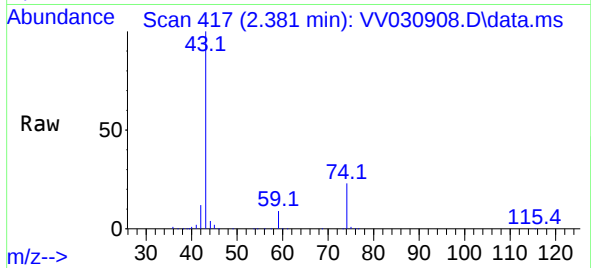




#15
Methyl Acetate
Concen: 41.762 ug/L
RT: 2.381 min Scan# 417
Delta R.T. 0.003 min
Lab File: VV030908.D
Acq: 27 Apr 2023 18:01

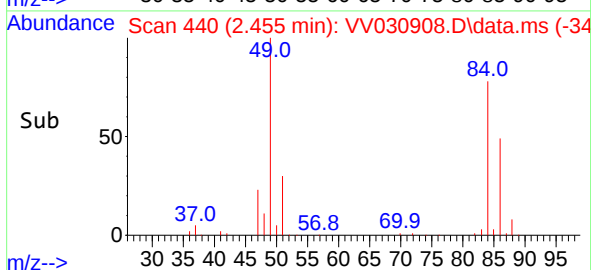
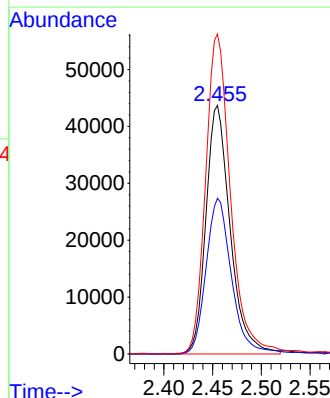
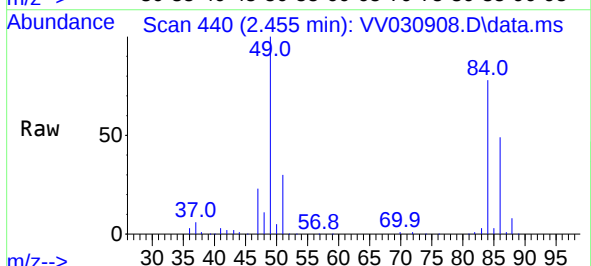
Instrument :
MSVOA_V
ClientSampleId :

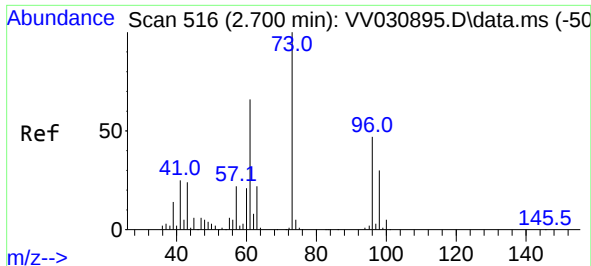
Tgt Ion: 43 Resp: 87463
Ion Ratio Lower Upper
43 100
74 24.0 17.7 26.5



#16
Methylene chloride
Concen: 37.564 ug/L
RT: 2.455 min Scan# 440
Delta R.T. 0.003 min
Lab File: VV030908.D
Acq: 27 Apr 2023 18:01

Tgt Ion: 84 Resp: 75816
Ion Ratio Lower Upper
84 100
86 62.6 45.4 84.2
49 128.8 90.4 168.0

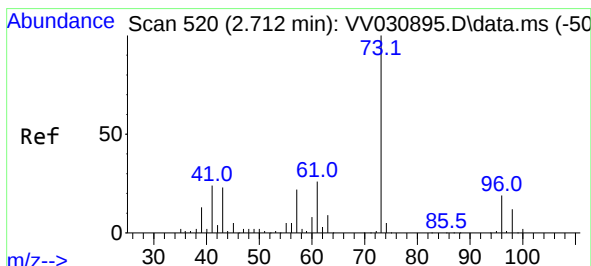
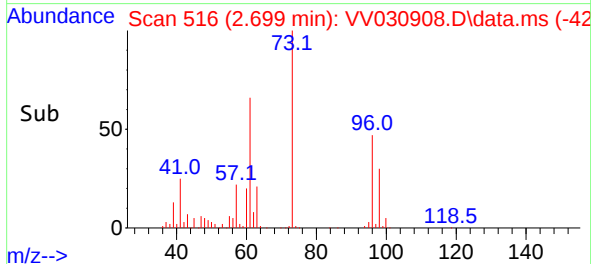
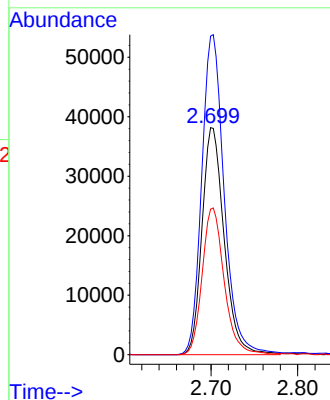
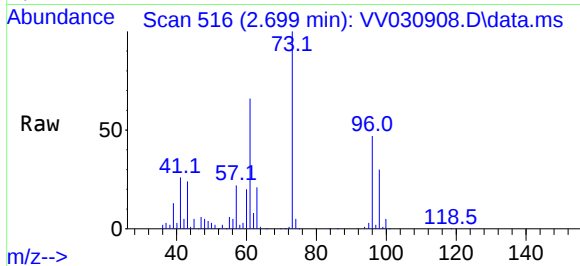




#17
trans-1,2-Dichloroethene
Concen: 38.153 ug/L
RT: 2.699 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV030908.D
Acq: 27 Apr 2023 18:01

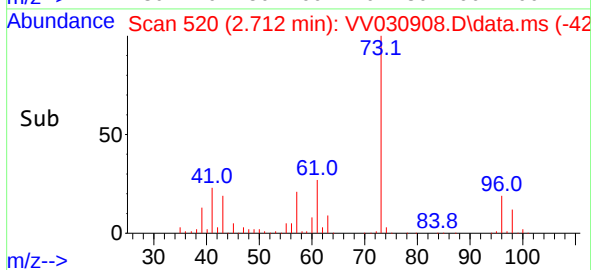
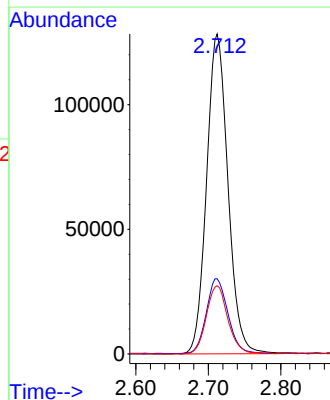
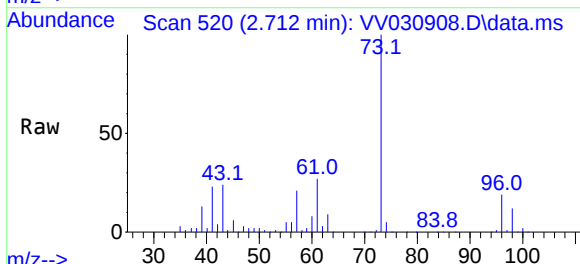
Instrument :
MSVOA_V
ClientSampleId :

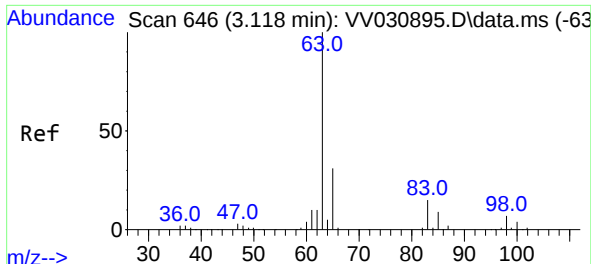
Tgt Ion: 96 Resp: 67930
Ion Ratio Lower Upper
96 100
61 140.3 101.0 187.6
98 64.2 45.4 84.2



#18
Methyl tert-butyl Ether
Concen: 46.005 ug/L
RT: 2.712 min Scan# 520
Delta R.T. 0.003 min
Lab File: VV030908.D
Acq: 27 Apr 2023 18:01

Tgt Ion: 73 Resp: 262368
Ion Ratio Lower Upper
73 100
43 23.6 17.6 26.4
57 21.6 18.2 27.2

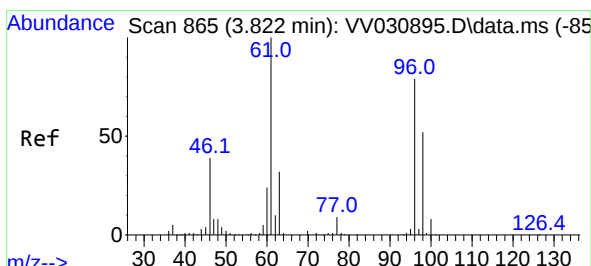
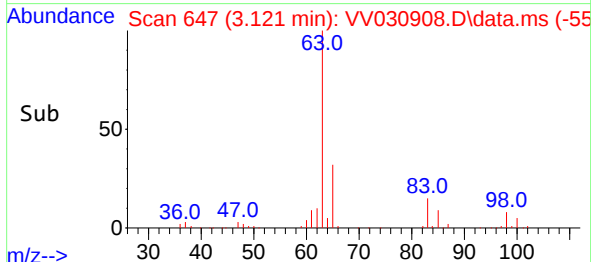
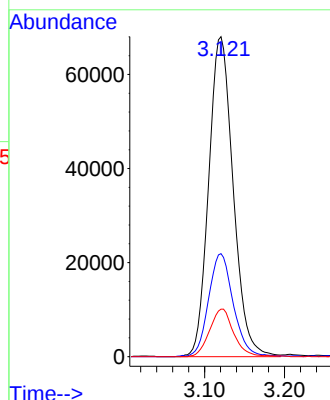
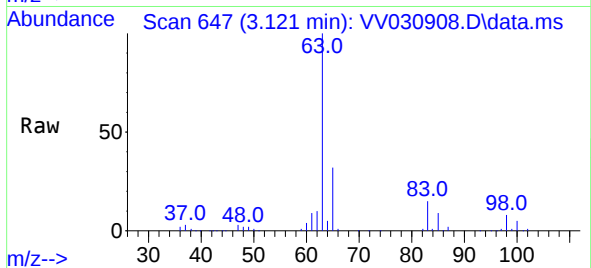




#19
1,1-Dichloroethane
Concen: 39.880 ug/L
RT: 3.121 min Scan# 64
Delta R.T. 0.003 min
Lab File: VV030908.D
Acq: 27 Apr 2023 18:01

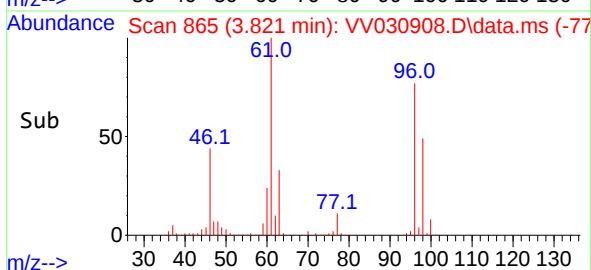
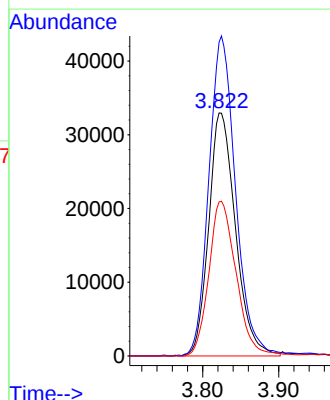
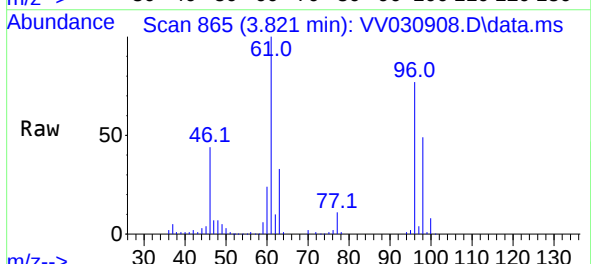
Instrument :
MSVOA_V
ClientSampleId :

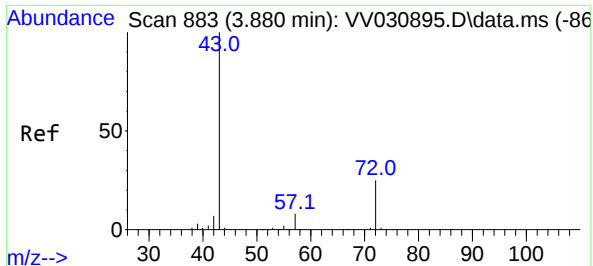
Tgt Ion: 63 Resp: 144768
Ion Ratio Lower Upper
63 100
65 32.2 21.8 40.6
83 14.9 10.2 19.0



#20
cis-1,2-Dichloroethene
Concen: 41.689 ug/L
RT: 3.821 min Scan# 865
Delta R.T. -0.000 min
Lab File: VV030908.D
Acq: 27 Apr 2023 18:01

Tgt Ion: 96 Resp: 80743
Ion Ratio Lower Upper
96 100
61 129.1 92.3 171.3
98 63.4 45.9 85.3





#22

2-Butanone

Concen: 83.751 ug/L

RT: 3.879 min Scan# 81

Delta R.T. 0.003 min

Lab File: VV030908.D

Acq: 27 Apr 2023 18:01

Instrument :

MSVOA_V

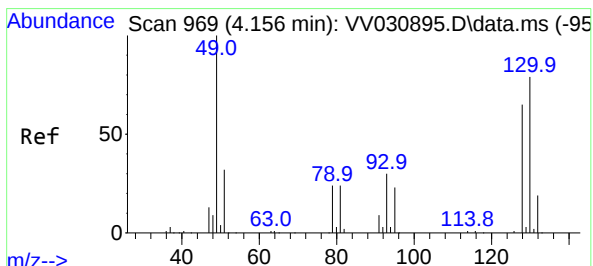
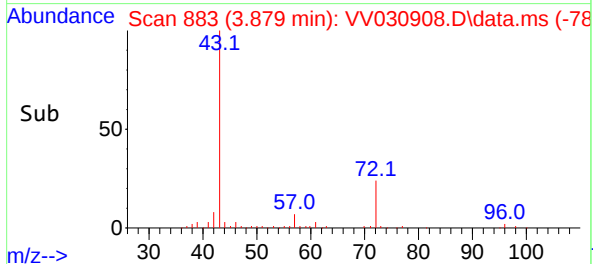
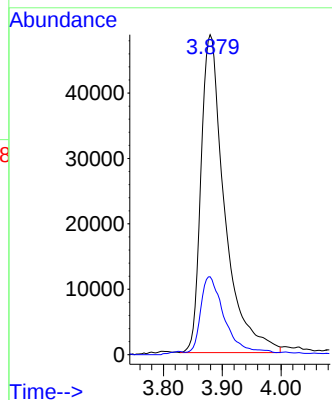
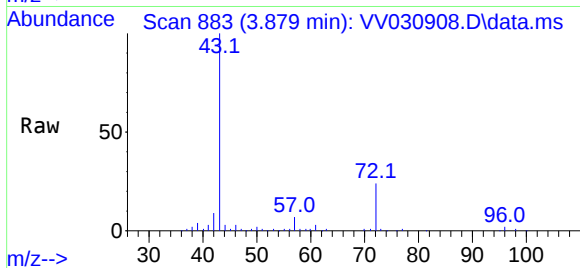
ClientSampleId :

Tgt Ion: 43 Resp: 135827

Ion Ratio Lower Upper

43 100

72 23.5 11.5 34.4



#23

Bromochloromethane

Concen: 42.762 ug/L

RT: 4.159 min Scan# 970

Delta R.T. 0.006 min

Lab File: VV030908.D

Acq: 27 Apr 2023 18:01

Tgt Ion:128 Resp: 46257

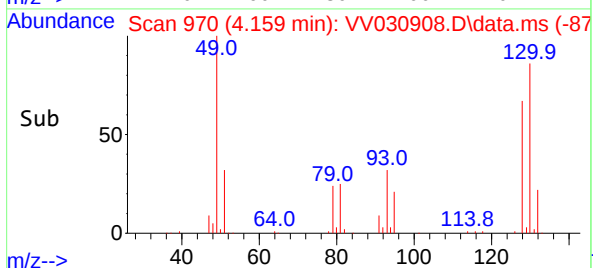
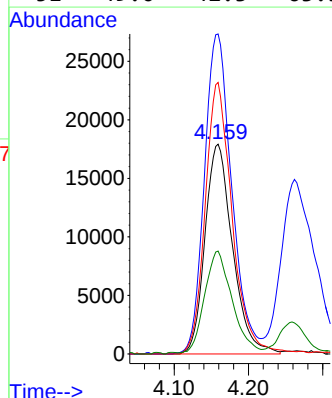
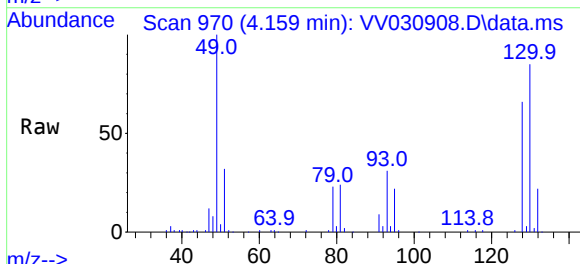
Ion Ratio Lower Upper

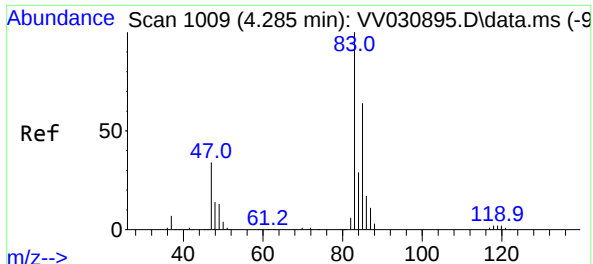
128 100

49 152.5 114.7 213.1

130 129.5 89.0 165.2

51 49.0 42.3 63.5

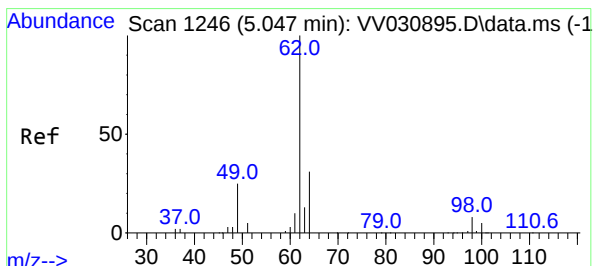
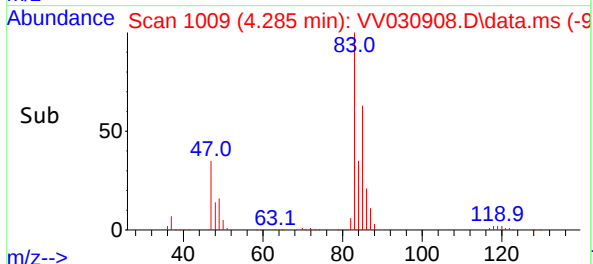
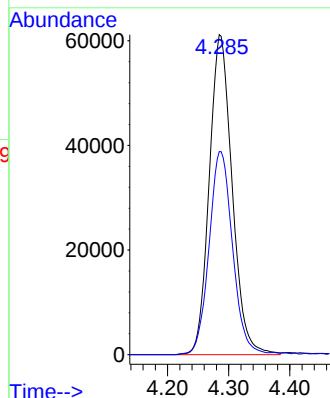
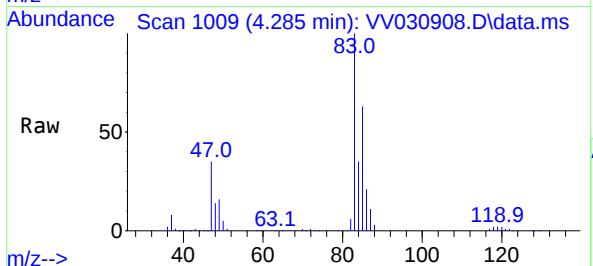




#25
Chloroform
Concen: 42.331 ug/L
RT: 4.285 min Scan# 1009
Delta R.T. -0.000 min
Lab File: VV030908.D
Acq: 27 Apr 2023 18:01

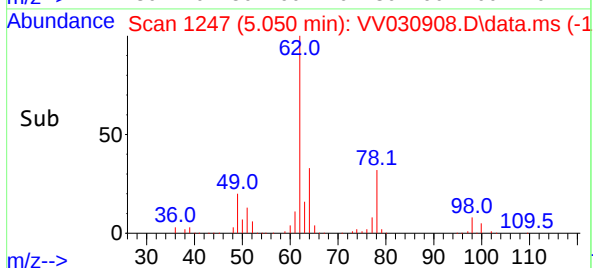
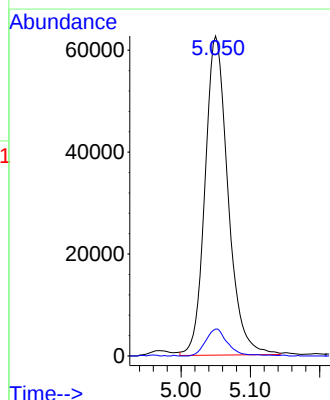
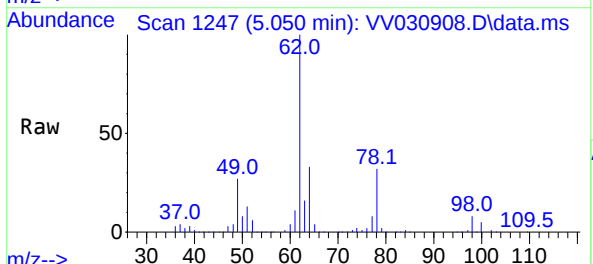
Instrument :
MSVOA_V
ClientSampleId :

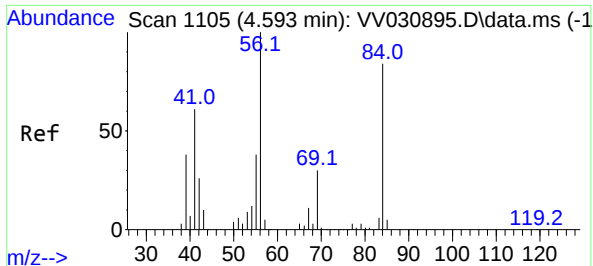
Tgt Ion: 83 Resp: 159048
Ion Ratio Lower Upper
83 100
85 63.5 45.8 85.2



#27
1,2-Dichloroethane
Concen: 45.386 ug/L
RT: 5.050 min Scan# 1247
Delta R.T. 0.003 min
Lab File: VV030908.D
Acq: 27 Apr 2023 18:01

Tgt Ion: 62 Resp: 144354
Ion Ratio Lower Upper
62 100
98 8.4 6.4 9.6





#29

Cyclohexane

Concen: 35.669 ug/L

RT: 4.593 min Scan# 1105

Delta R.T. 0.003 min

Lab File: VV030908.D

Acq: 27 Apr 2023 18:01

Instrument :

MSVOA_V

ClientSampleId :

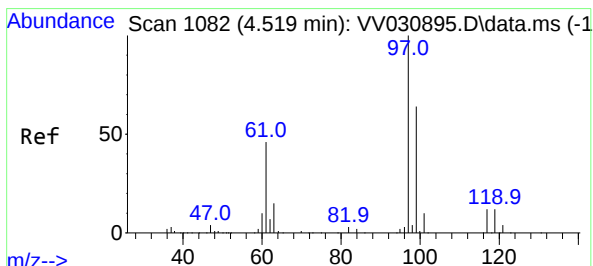
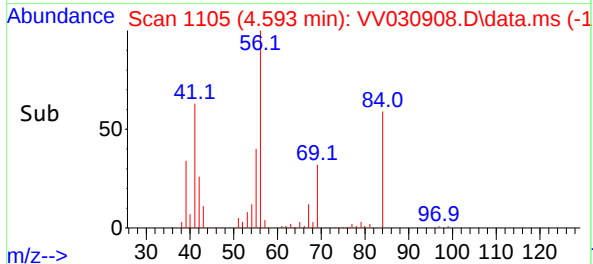
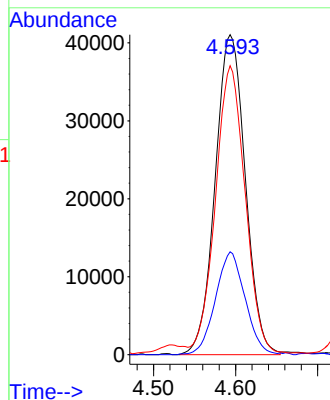
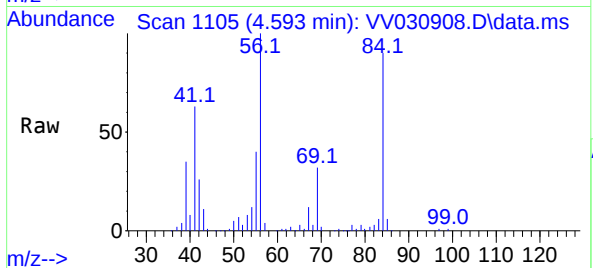
Tgt Ion: 56 Resp: 104808

Ion Ratio Lower Upper

56 100

69 31.0 24.0 36.0

84 88.0 68.2 102.2



#30

1,1,1-Trichloroethane

Concen: 43.518 ug/L

RT: 4.522 min Scan# 1083

Delta R.T. 0.003 min

Lab File: VV030908.D

Acq: 27 Apr 2023 18:01

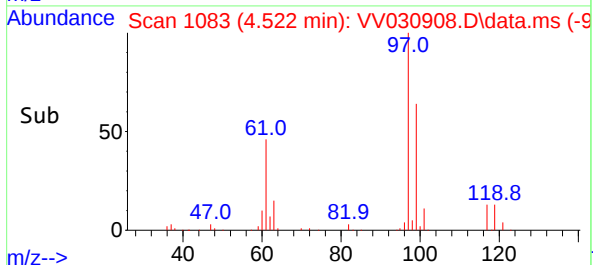
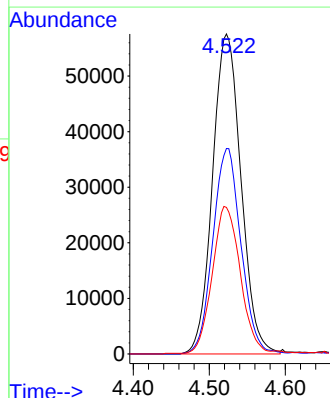
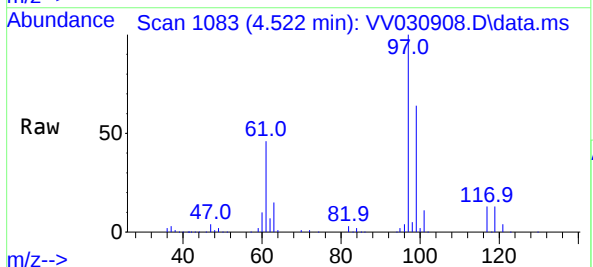
Tgt Ion: 97 Resp: 149724

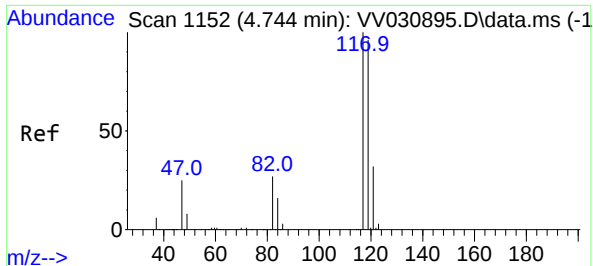
Ion Ratio Lower Upper

97 100

99 63.5 51.4 77.0

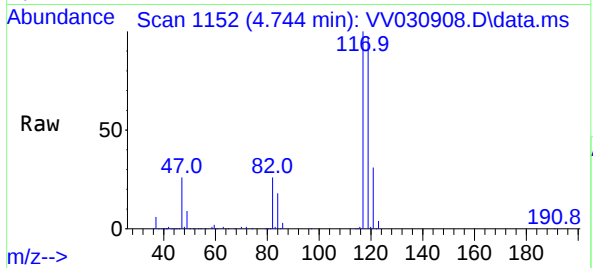
61 44.9 37.0 55.6



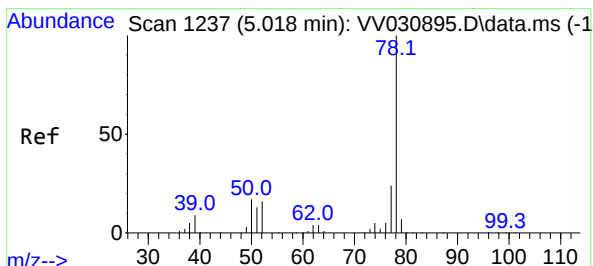
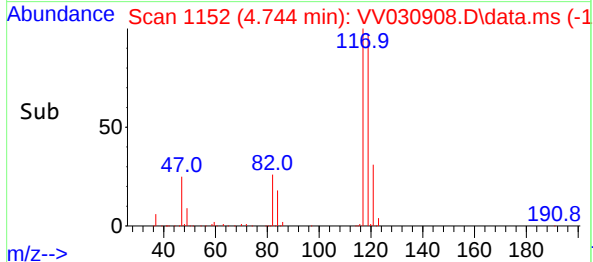
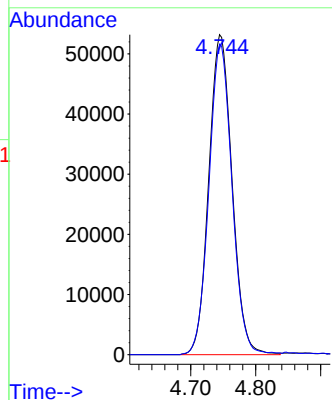


#31
Carbon tetrachloride
Concen: 43.055 ug/L
RT: 4.744 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VV030908.D
Acq: 27 Apr 2023 18:01

Instrument :
MSVOA_V
ClientSampleId :

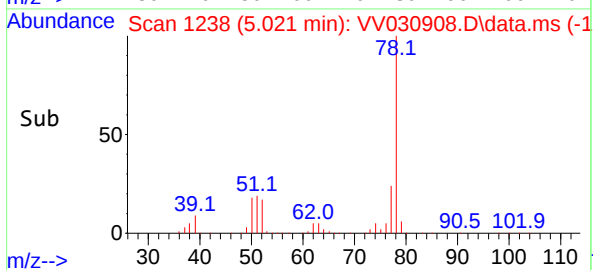
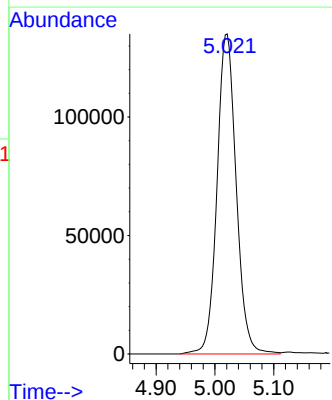
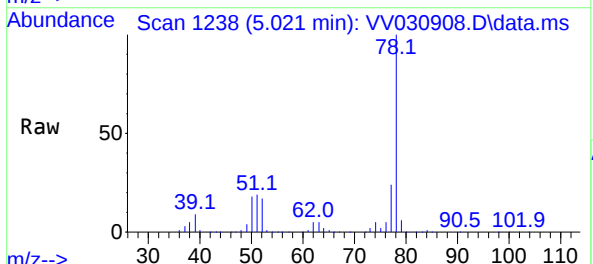


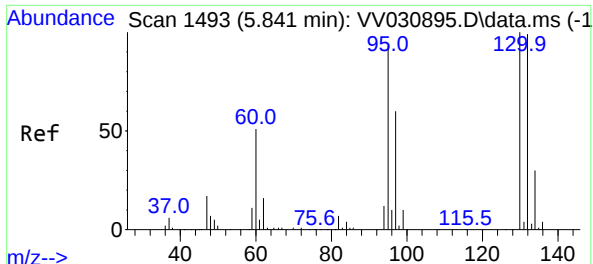
Tgt Ion:117 Resp: 132439
Ion Ratio Lower Upper
117 100
119 95.9 75.9 113.9



#33
Benzene
Concen: 41.118 ug/L
RT: 5.021 min Scan# 1238
Delta R.T. 0.003 min
Lab File: VV030908.D
Acq: 27 Apr 2023 18:01

Tgt Ion: 78 Resp: 305727

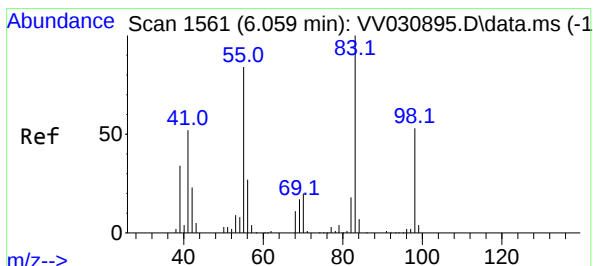
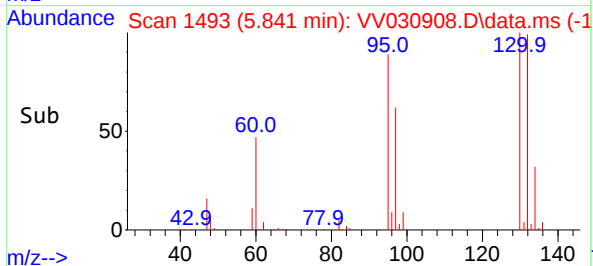
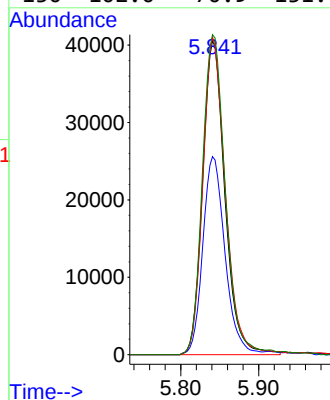
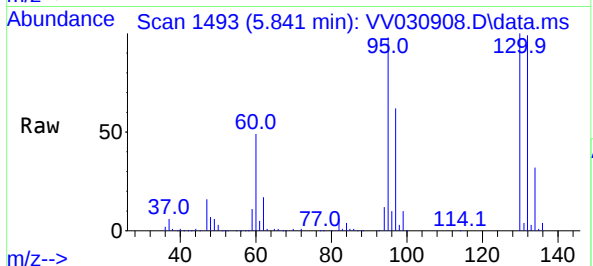




#34
Trichloroethene
Concen: 41.613 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. 0.003 min
Lab File: VV030908.D
Acq: 27 Apr 2023 18:01

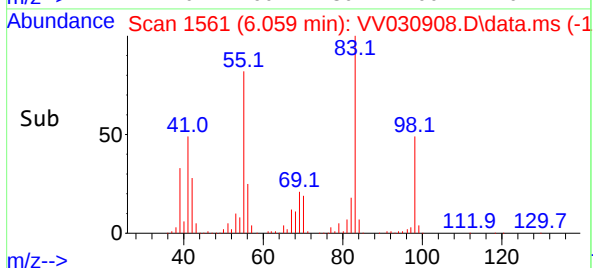
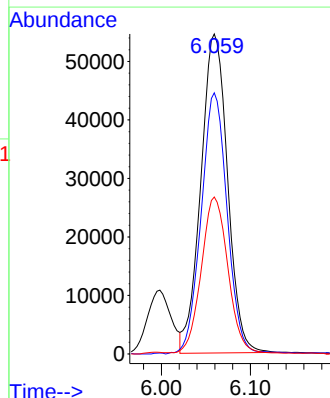
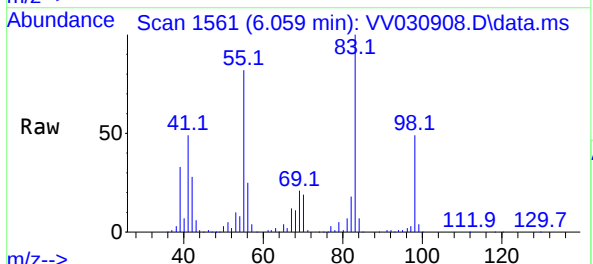
Instrument :
MSVOA_V
ClientSampleId :

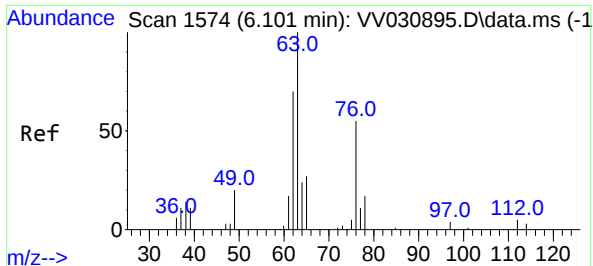
Tgt Ion: 95 Resp: 80480
Ion Ratio Lower Upper
95 100
97 63.1 45.8 85.2
132 101.3 70.6 131.2
130 102.0 70.9 131.7



#35
Methylcyclohexane
Concen: 37.509 ug/L
RT: 6.059 min Scan# 1561
Delta R.T. 0.003 min
Lab File: VV030908.D
Acq: 27 Apr 2023 18:01

Tgt Ion: 83 Resp: 113669
Ion Ratio Lower Upper
83 100
55 79.5 65.5 98.3
98 48.7 38.7 58.1

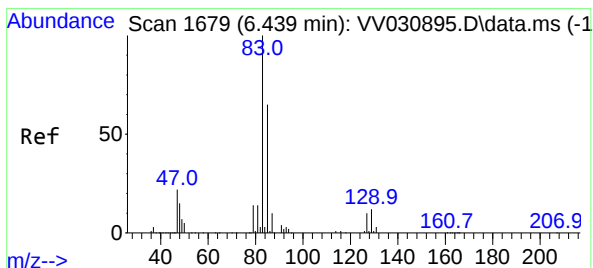
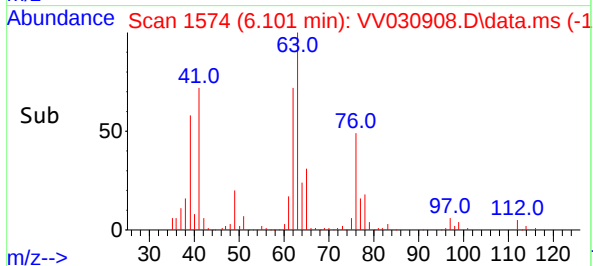
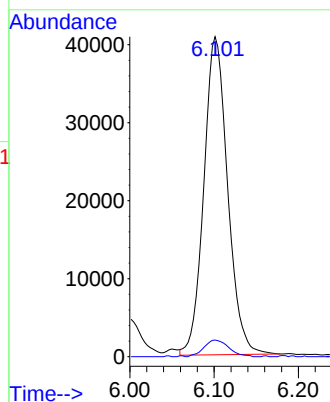
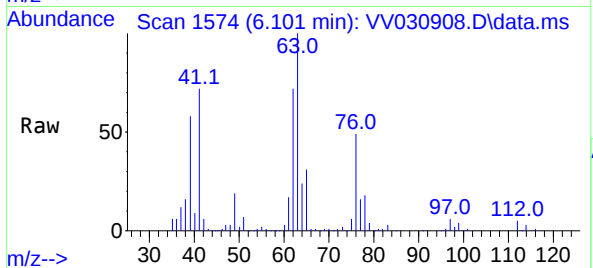




#37
1,2-Dichloropropane
Concen: 40.123 ug/L
RT: 6.101 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV030908.D
Acq: 27 Apr 2023 18:01

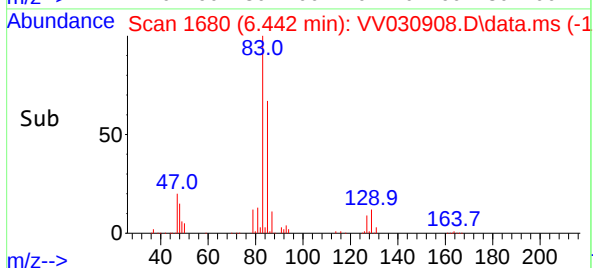
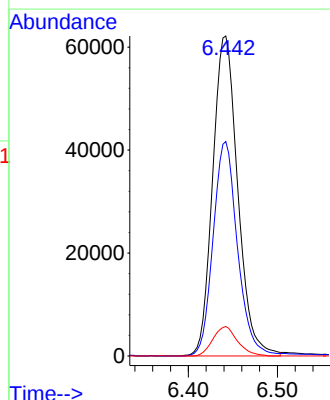
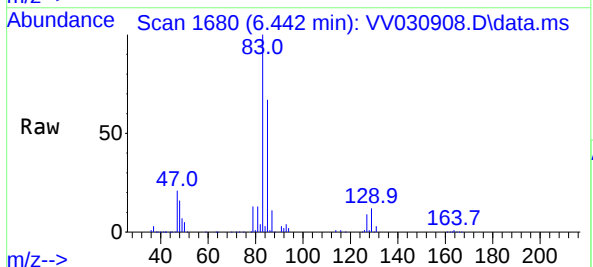
Instrument :
MSVOA_V
ClientSampleId :

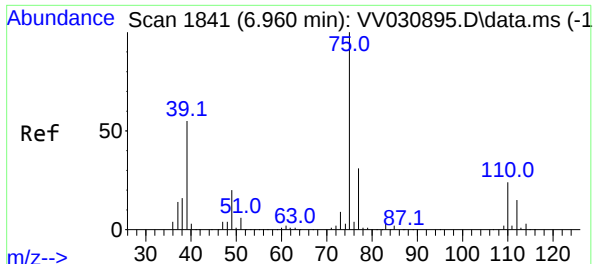
Tgt Ion: 63 Resp: 80297
Ion Ratio Lower Upper
63 100
112 5.4 3.8 5.8



#38
Bromodichloromethane
Concen: 43.265 ug/L
RT: 6.442 min Scan# 1680
Delta R.T. 0.003 min
Lab File: VV030908.D
Acq: 27 Apr 2023 18:01

Tgt Ion: 83 Resp: 121630
Ion Ratio Lower Upper
83 100
85 67.0 45.4 84.4
127 9.2 7.0 10.4

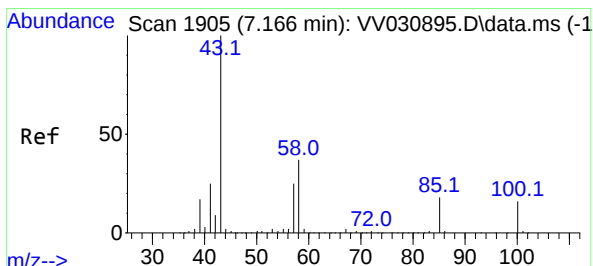
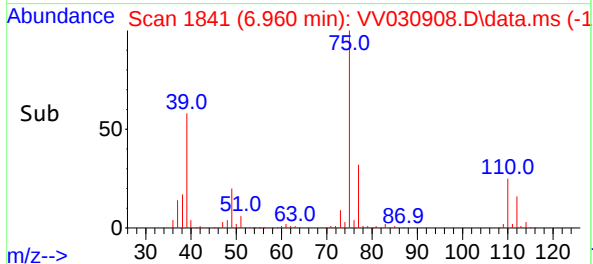
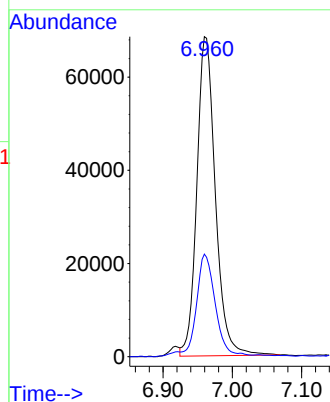
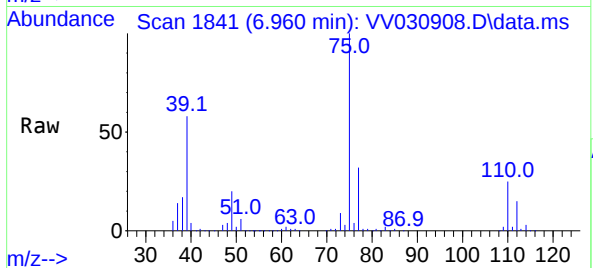




#39
cis-1,3-Dichloropropene
Concen: 42.455 ug/L
RT: 6.960 min Scan# 1841
Delta R.T. -0.000 min
Lab File: VV030908.D
Acq: 27 Apr 2023 18:01

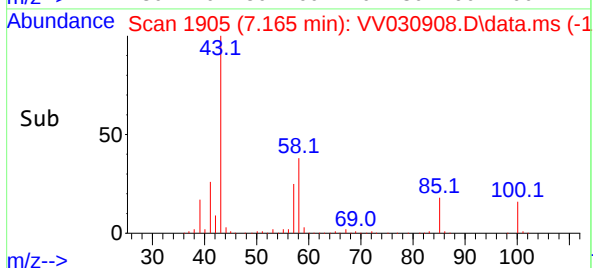
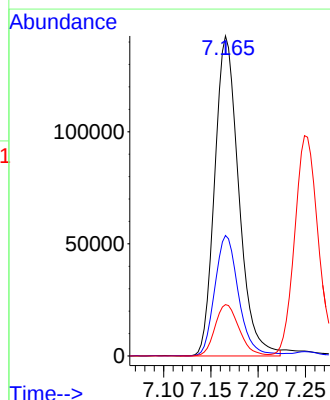
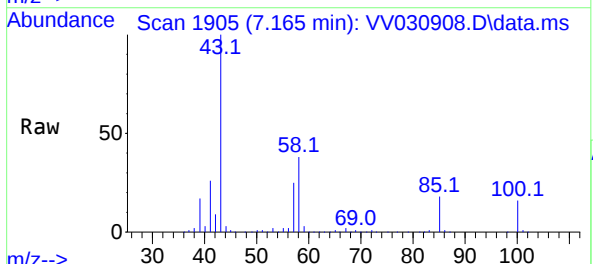
Instrument :
MSVOA_V
ClientSampleId :

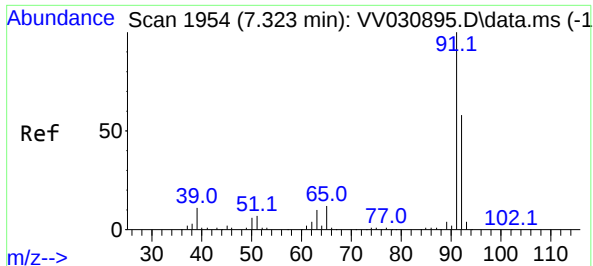
Tgt Ion: 75 Resp: 127521
Ion Ratio Lower Upper
75 100
77 32.0 22.0 40.8



#40
4-Methyl-2-pentanone
Concen: 90.334 ug/L
RT: 7.165 min Scan# 1905
Delta R.T. -0.000 min
Lab File: VV030908.D
Acq: 27 Apr 2023 18:01

Tgt Ion: 43 Resp: 252533
Ion Ratio Lower Upper
43 100
58 37.3 29.2 43.8
100 16.1 11.3 16.9

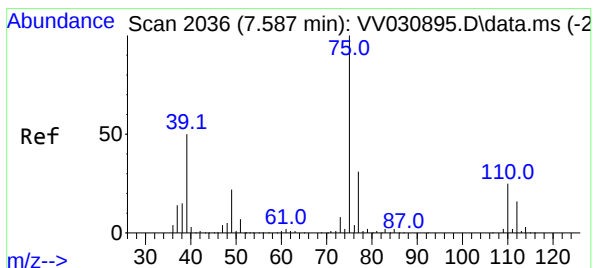
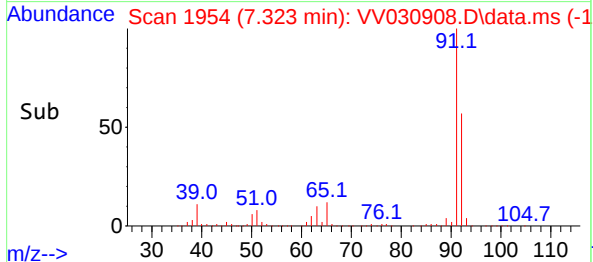
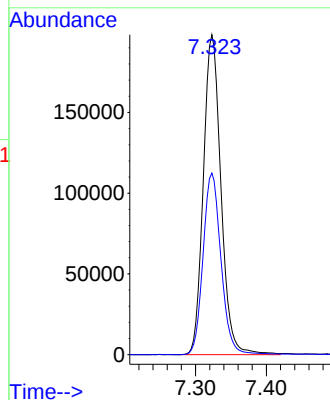
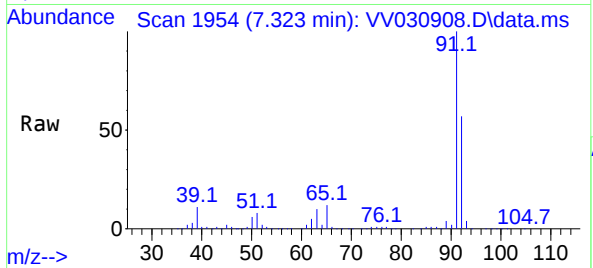




#42
Toluene
Concen: 43.033 ug/L
RT: 7.323 min Scan# 1954
Delta R.T. 0.003 min
Lab File: VV030908.D
Acq: 27 Apr 2023 18:01

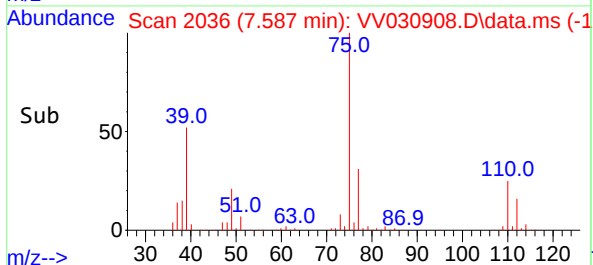
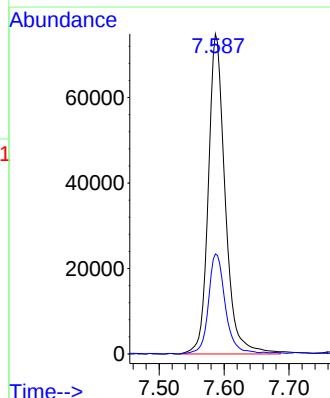
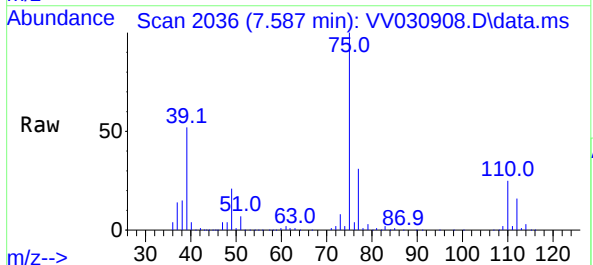
Instrument :
MSVOA_V
ClientSampleId :

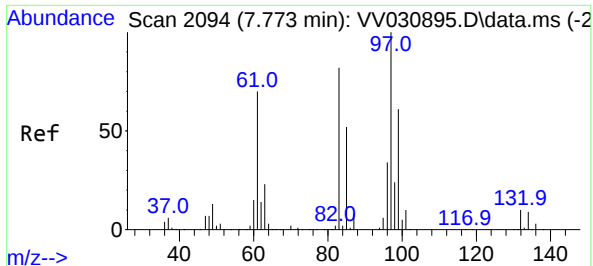
Tgt Ion: 91 Resp: 342718
Ion Ratio Lower Upper
91 100
92 56.8 39.8 73.8



#44
trans-1,3-Dichloropropene
Concen: 45.849 ug/L
RT: 7.587 min Scan# 2036
Delta R.T. -0.000 min
Lab File: VV030908.D
Acq: 27 Apr 2023 18:01

Tgt Ion: 75 Resp: 135298
Ion Ratio Lower Upper
75 100
77 31.3 22.1 41.1



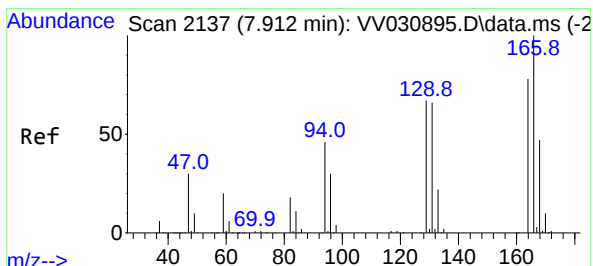
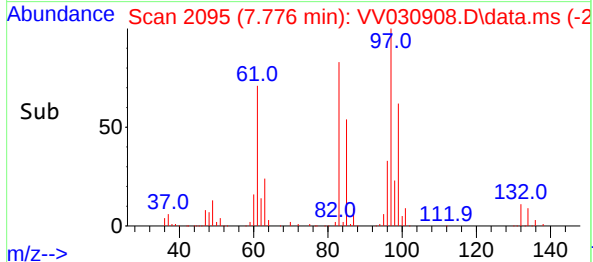
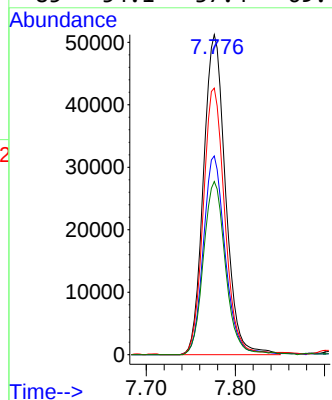
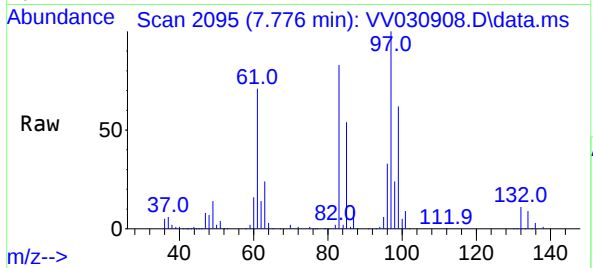


#45
1,1,2-Trichloroethane
Concen: 43.792 ug/L
RT: 7.776 min Scan# 2094
Delta R.T. 0.003 min
Lab File: VV030908.D
Acq: 27 Apr 2023 18:01

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 87879

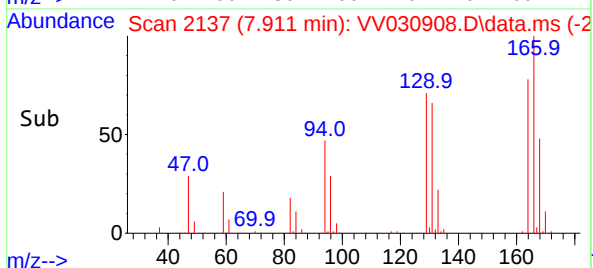
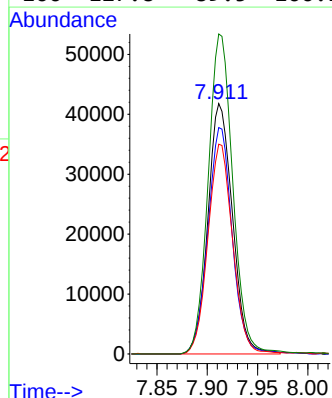
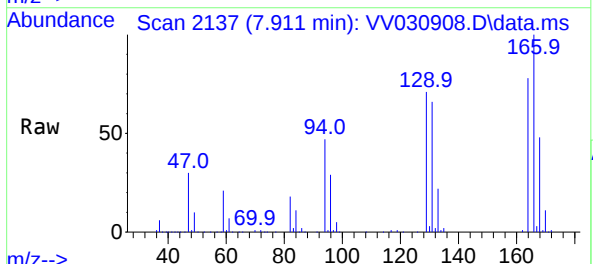
Ion	Ratio	Lower	Upper
97	100		
99	62.1	43.8	81.4
83	83.3	59.6	110.6
85	54.1	37.4	69.4

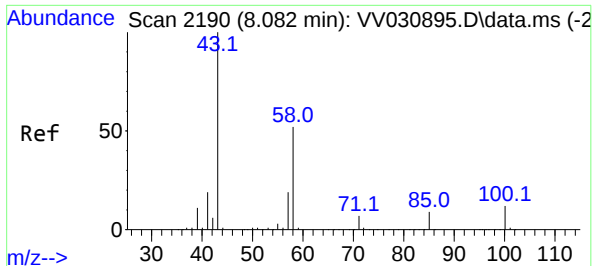


#46
Tetrachloroethene
Concen: 42.019 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VV030908.D
Acq: 27 Apr 2023 18:01

Tgt Ion: 164 Resp: 71133

Ion	Ratio	Lower	Upper
164	100		
129	90.4	63.8	118.6
131	83.7	60.3	111.9
166	127.8	89.5	166.1





#48

2-Hexanone

Concen: 91.302 ug/L

RT: 8.082 min Scan# 2190

Delta R.T. -0.000 min

Lab File: VV030908.D

Acq: 27 Apr 2023 18:01

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 210603

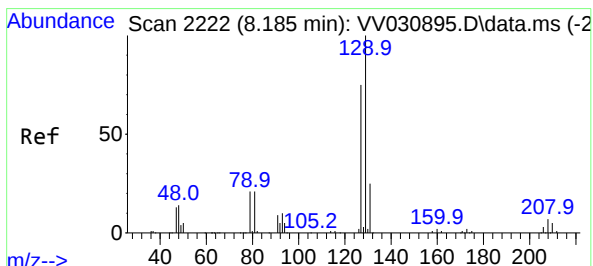
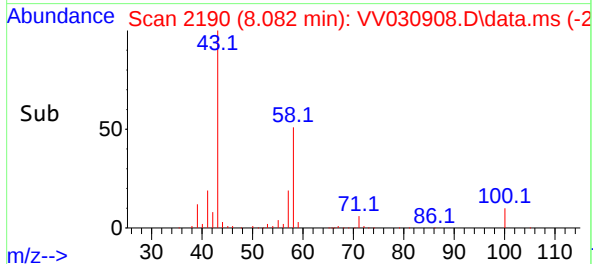
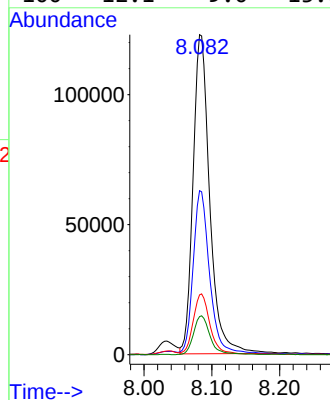
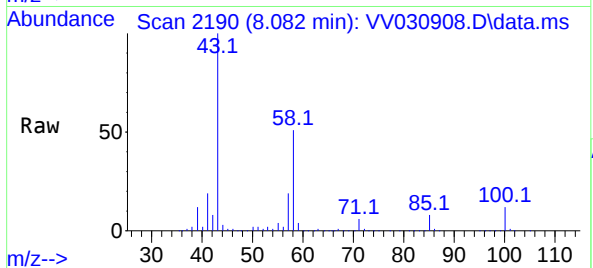
Ion Ratio Lower Upper

43 100

58 49.0 41.4 62.0

57 19.3 14.9 22.3

100 12.1 9.0 13.6



#49

Dibromochloromethane

Concen: 43.805 ug/L

RT: 8.185 min Scan# 2222

Delta R.T. 0.003 min

Lab File: VV030908.D

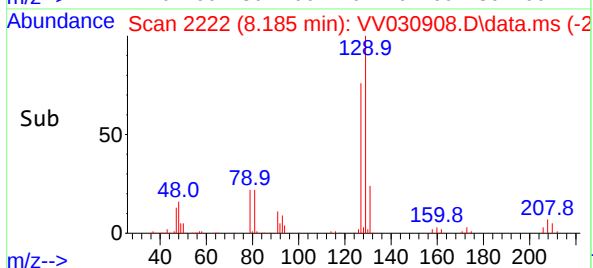
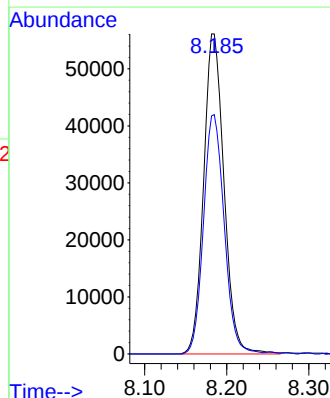
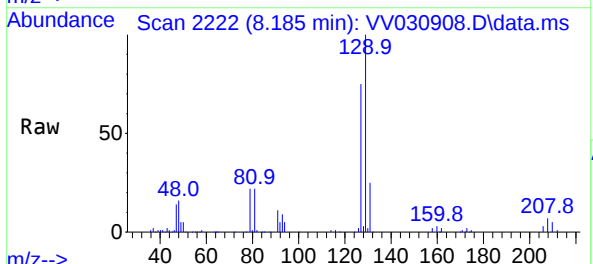
Acq: 27 Apr 2023 18:01

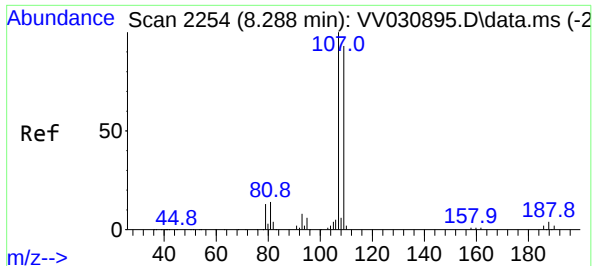
Tgt Ion: 129 Resp: 96962

Ion Ratio Lower Upper

129 100

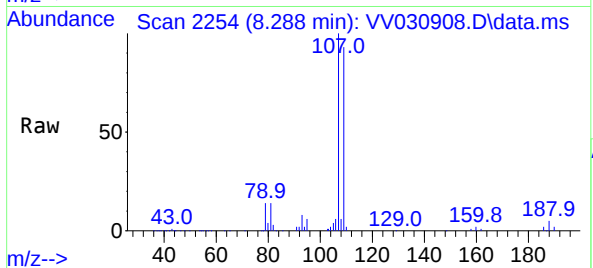
127 74.8 52.8 98.2



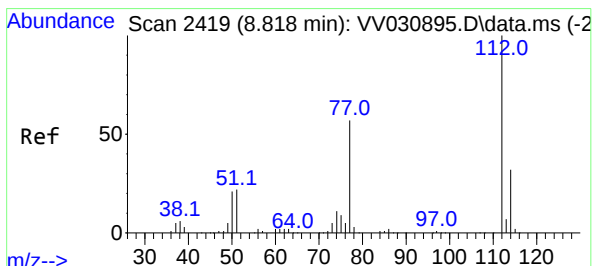
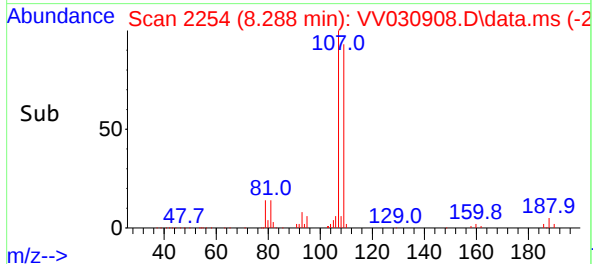
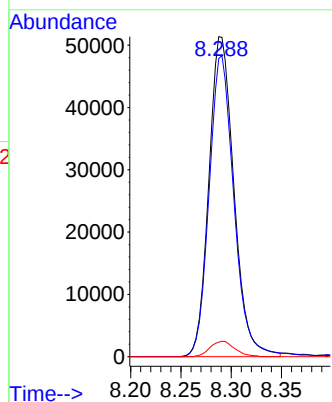


#50
1,2-Dibromoethane
Concen: 42.757 ug/L
RT: 8.288 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV030908.D
Acq: 27 Apr 2023 18:01

Instrument :
MSVOA_V
ClientSampleId :

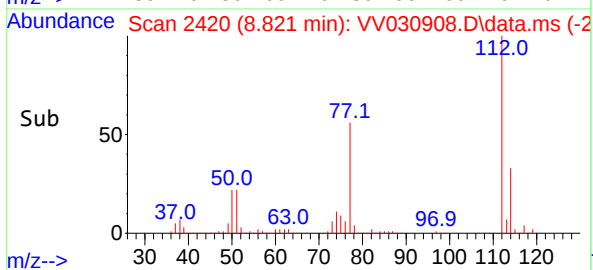
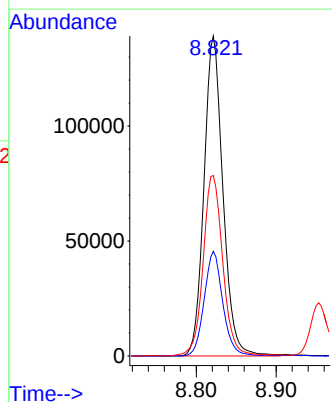
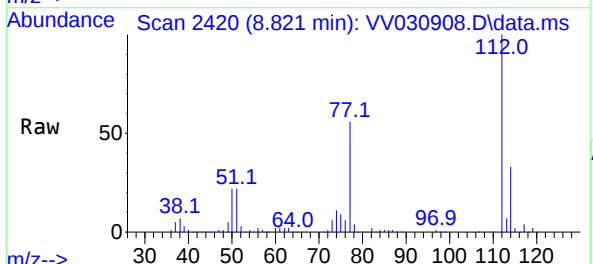


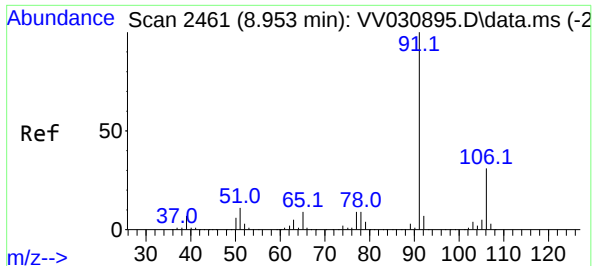
Tgt Ion:107 Resp: 88904
Ion Ratio Lower Upper
107 100
109 93.2 65.7 121.9
188 4.5 3.2 4.8



#51
Chlorobenzene
Concen: 43.594 ug/L
RT: 8.821 min Scan# 2420
Delta R.T. 0.003 min
Lab File: VV030908.D
Acq: 27 Apr 2023 18:01

Tgt Ion:112 Resp: 229936
Ion Ratio Lower Upper
112 100
114 32.7 22.4 41.6
77 56.4 47.4 71.0

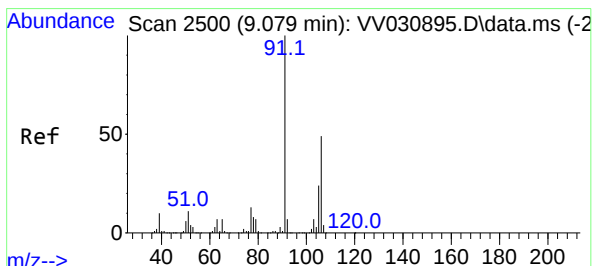
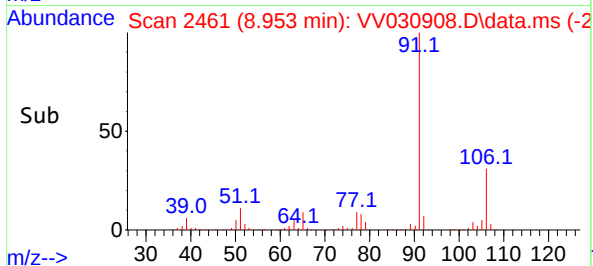
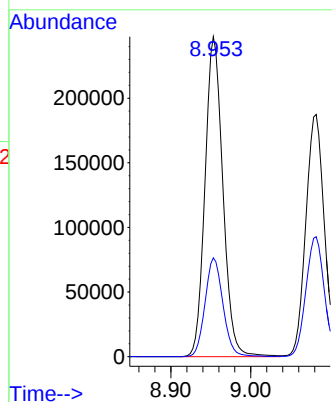
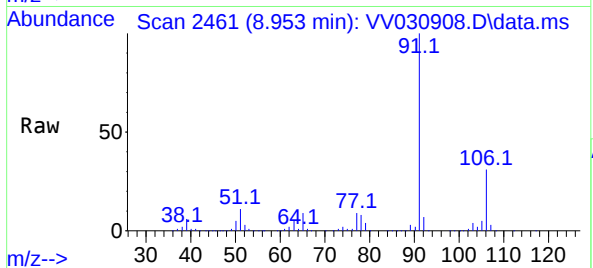




#52
Ethylbenzene
Concen: 43.671 ug/L
RT: 8.953 min Scan# 2461
Delta R.T. -0.000 min
Lab File: VV030908.D
Acq: 27 Apr 2023 18:01

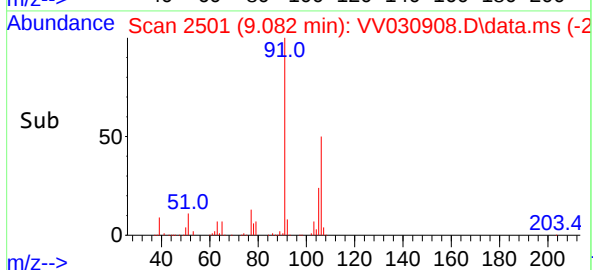
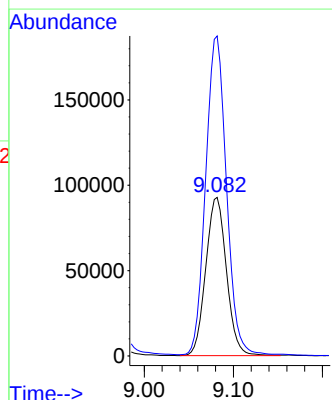
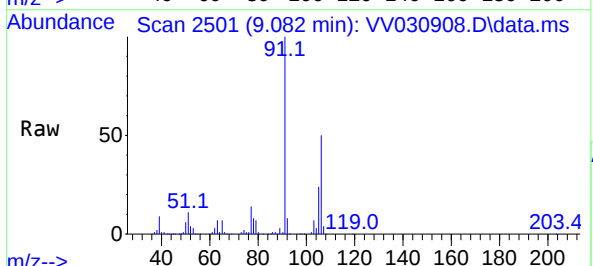
Instrument :
MSVOA_V
ClientSampleId :

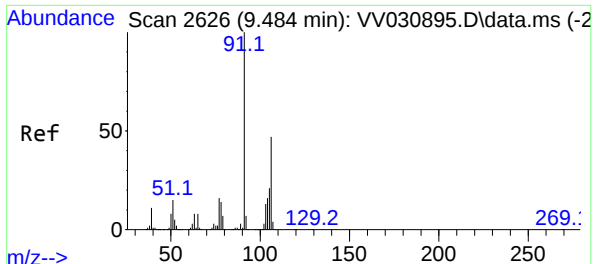
Tgt Ion: 91 Resp: 385028
Ion Ratio Lower Upper
91 100
106 30.9 21.8 40.4



#53
m,p-Xylene
Concen: 44.751 ug/L
RT: 9.082 min Scan# 2501
Delta R.T. 0.003 min
Lab File: VV030908.D
Acq: 27 Apr 2023 18:01

Tgt Ion: 106 Resp: 149033
Ion Ratio Lower Upper
106 100
91 201.8 144.7 268.7





#54

o-Xylene

Concen: 45.339 ug/L

RT: 9.487 min Scan# 2

Delta R.T. 0.003 min

Lab File: VV030908.D

Acq: 27 Apr 2023 18:01

Instrument :

MSVOA_V

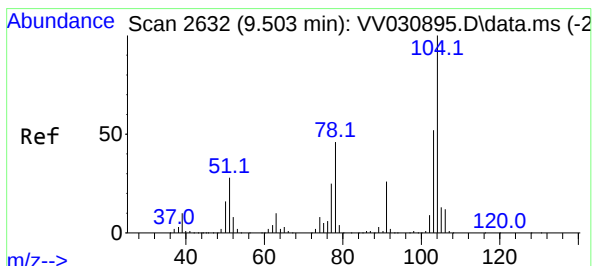
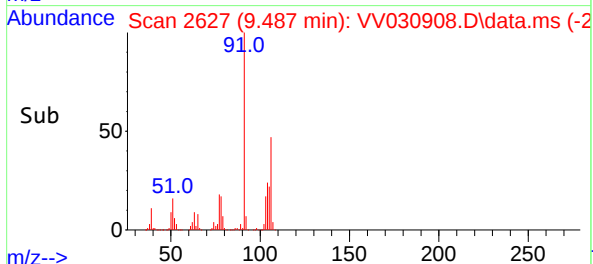
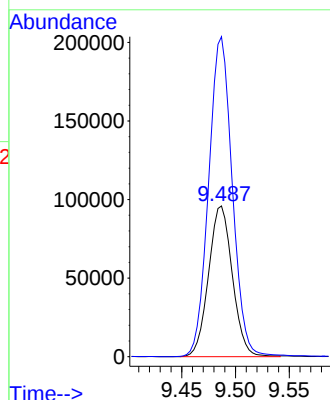
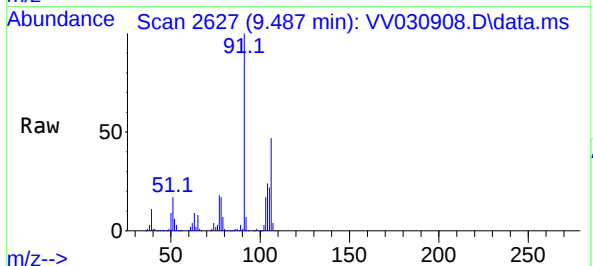
ClientSampleId :

Tgt Ion:106 Resp: 147712

Ion Ratio Lower Upper

106 100

91 212.2 152.6 283.4



#55

Styrene

Concen: 46.717 ug/L

RT: 9.503 min Scan# 2632

Delta R.T. -0.000 min

Lab File: VV030908.D

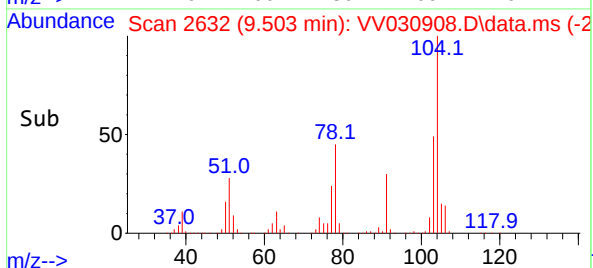
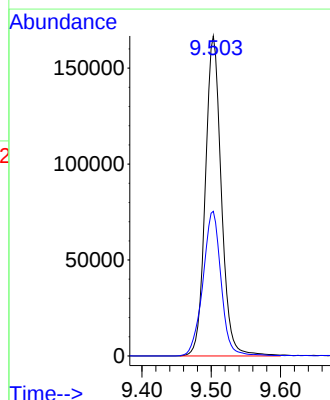
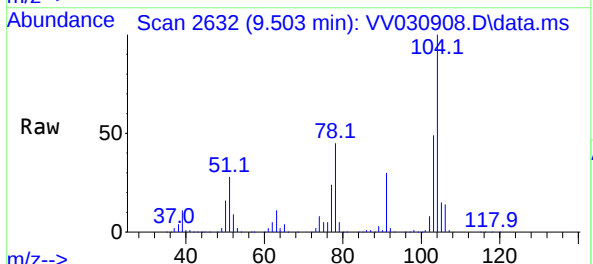
Acq: 27 Apr 2023 18:01

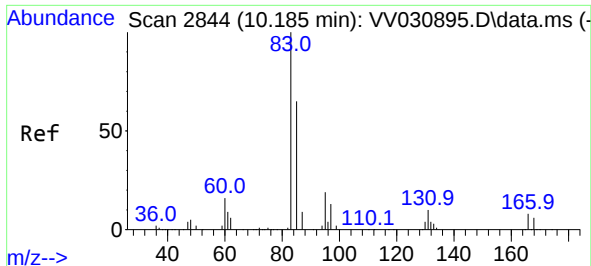
Tgt Ion:104 Resp: 267353

Ion Ratio Lower Upper

104 100

78 45.2 32.3 59.9

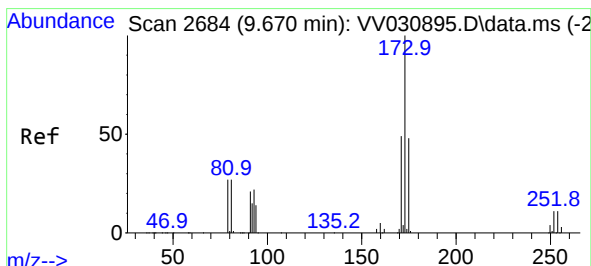
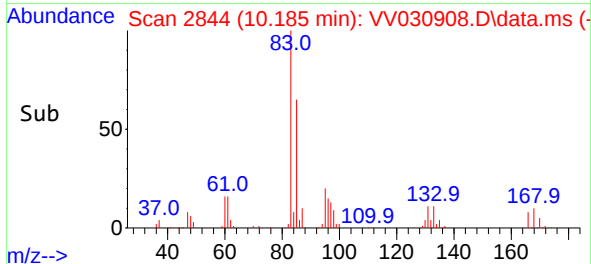
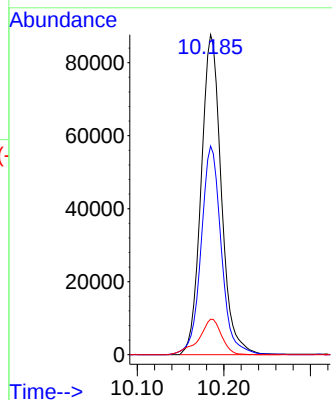
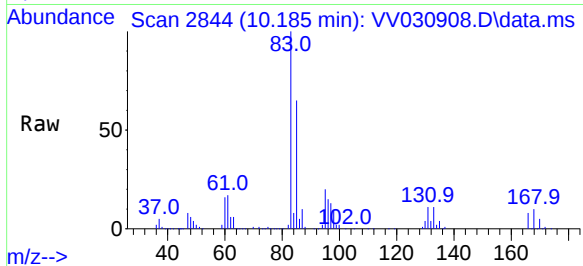




#57
1,1,2,2-Tetrachloroethane
Concen: 42.970 ug/L
RT: 10.185 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VV030908.D
Acq: 27 Apr 2023 18:01

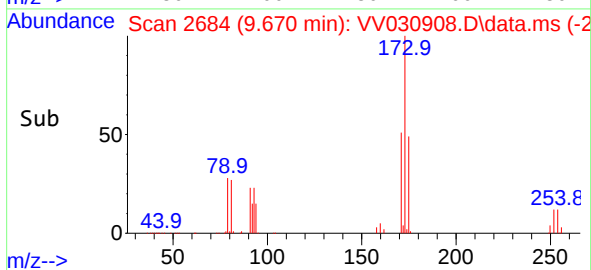
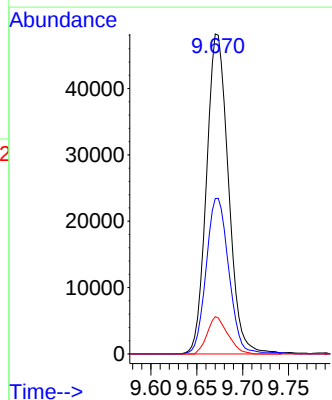
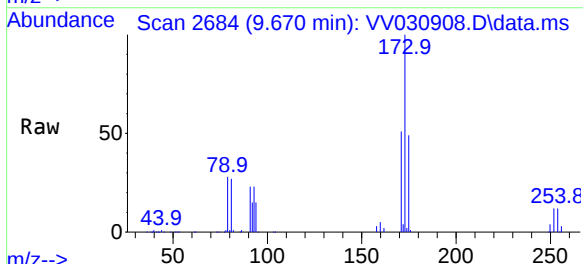
Instrument :
MSVOA_V
ClientSampleId :

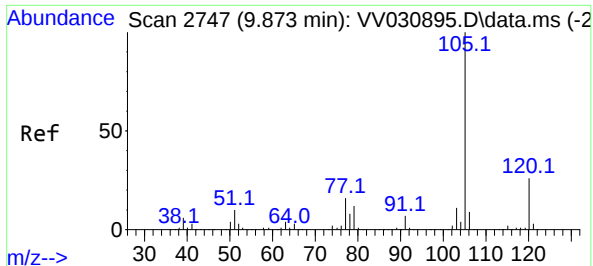
Tgt Ion: 83 Resp: 141576
Ion Ratio Lower Upper
83 100
85 65.2 45.1 83.7
131 11.1 8.0 12.0



#59
Bromoform
Concen: 42.500 ug/L
RT: 9.670 min Scan# 2684
Delta R.T. -0.000 min
Lab File: VV030908.D
Acq: 27 Apr 2023 18:01

Tgt Ion: 173 Resp: 80264
Ion Ratio Lower Upper
173 100
175 49.9 38.8 58.2
254 10.9 8.2 12.4

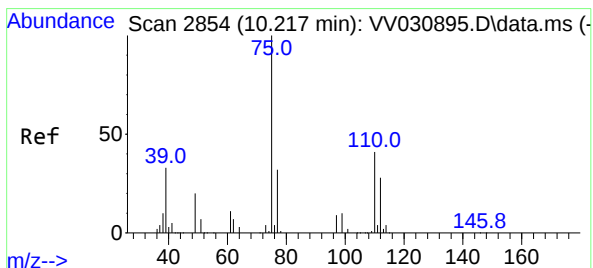
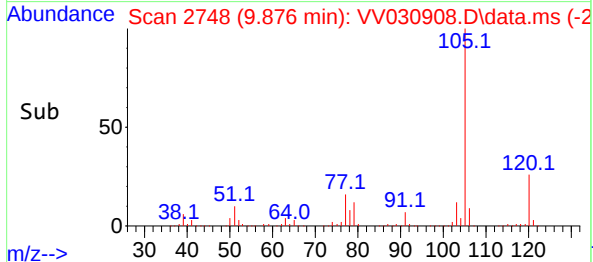
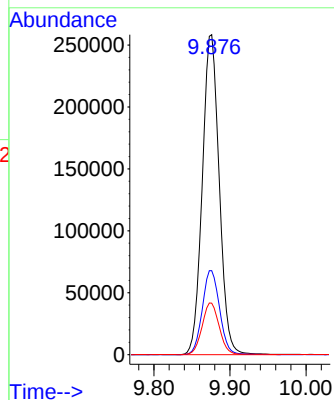
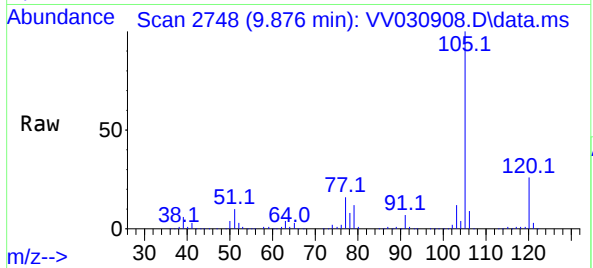




#60
Isopropylbenzene
Concen: 42.476 ug/L
RT: 9.876 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV030908.D
Acq: 27 Apr 2023 18:01

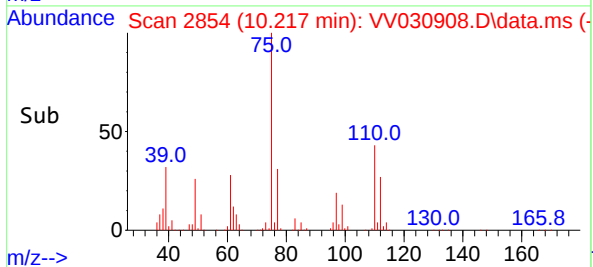
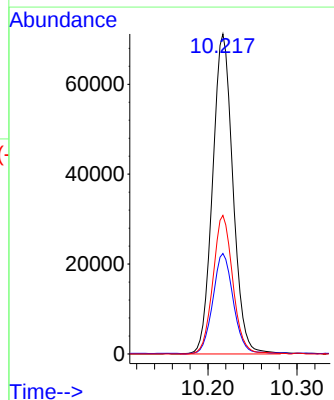
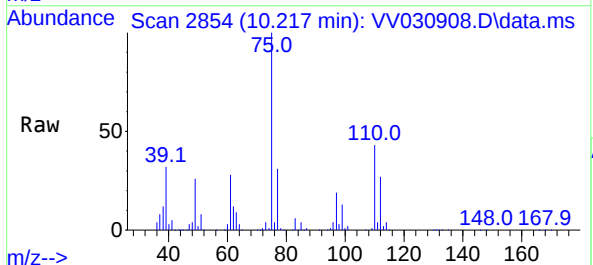
Instrument :
MSVOA_V
ClientSampleId :

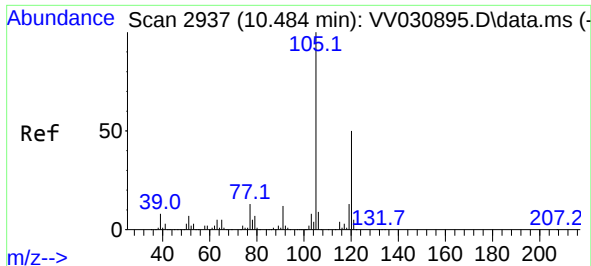
Tgt Ion:105 Resp: 399589
Ion Ratio Lower Upper
105 100
120 26.8 20.9 31.3
77 16.3 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 41.695 ug/L
RT: 10.217 min Scan# 2854
Delta R.T. -0.000 min
Lab File: VV030908.D
Acq: 27 Apr 2023 18:01

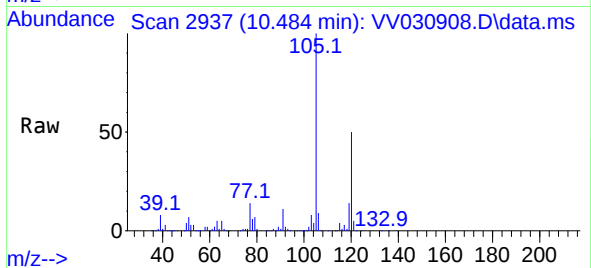
Tgt Ion: 75 Resp: 112647
Ion Ratio Lower Upper
75 100
77 31.8 25.7 38.5
110 42.5 32.8 49.2



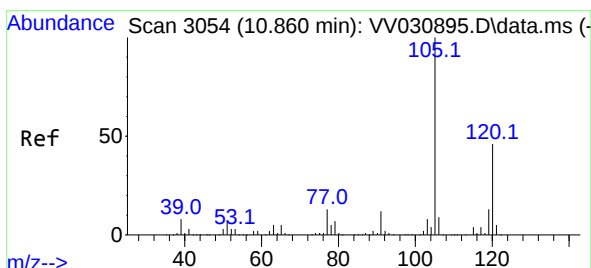
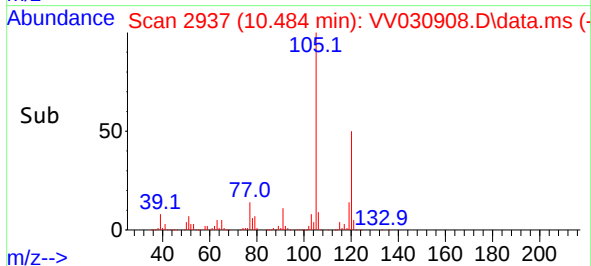
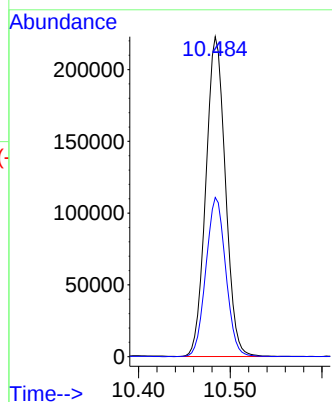


#62
1,3,5-Trimethylbenzene
Concen: 42.621 ug/L
RT: 10.484 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VV030908.D
Acq: 27 Apr 2023 18:01

Instrument :
MSVOA_V
ClientSampleId :

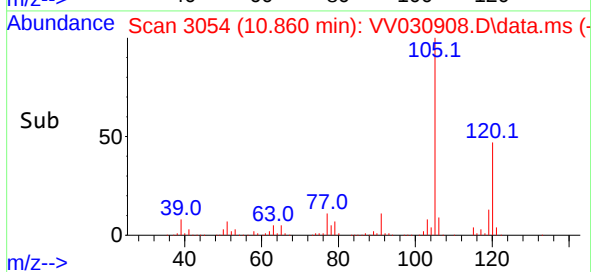
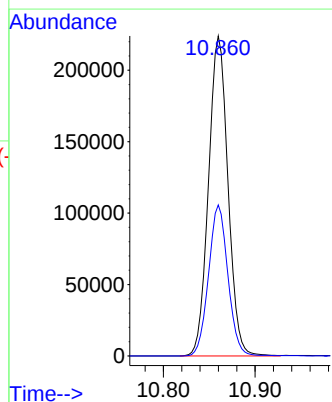
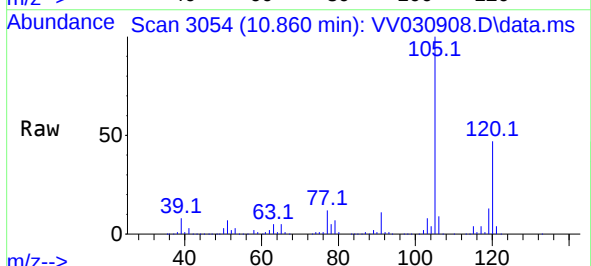


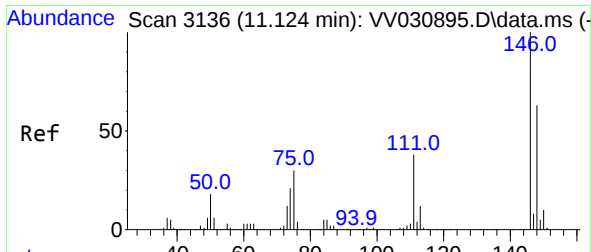
Tgt Ion:105 Resp: 330118
Ion Ratio Lower Upper
105 100
120 50.5 39.2 58.8



#63
1,2,4-Trimethylbenzene
Concen: 42.754 ug/L
RT: 10.860 min Scan# 3054
Delta R.T. -0.000 min
Lab File: VV030908.D
Acq: 27 Apr 2023 18:01

Tgt Ion:105 Resp: 330635
Ion Ratio Lower Upper
105 100
120 46.8 36.2 54.4

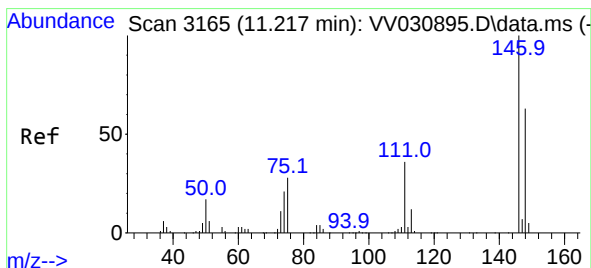
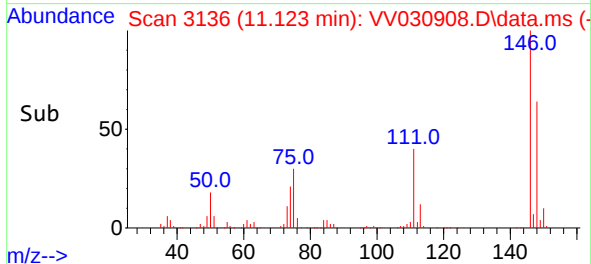
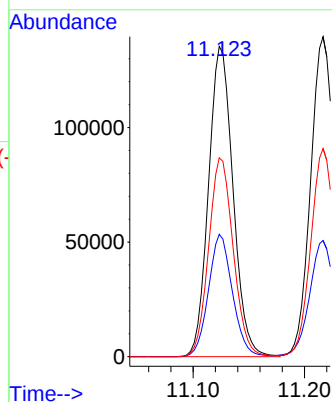
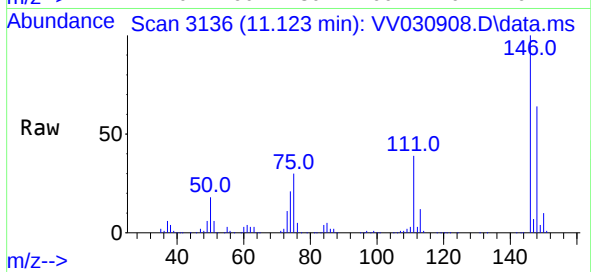




#64
1,3-Dichlorobenzene
Concen: 43.916 ug/L
RT: 11.123 min Scan# 3136
Delta R.T. -0.000 min
Lab File: VV030908.D
Acq: 27 Apr 2023 18:01

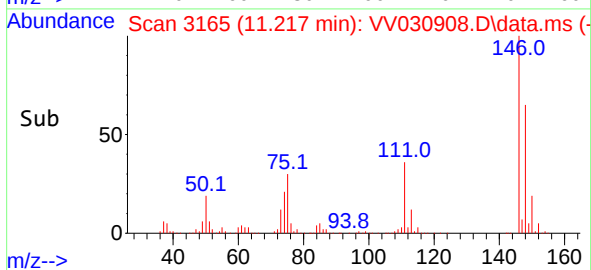
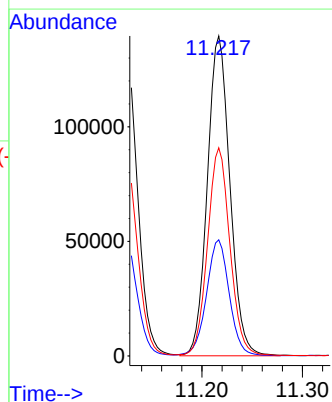
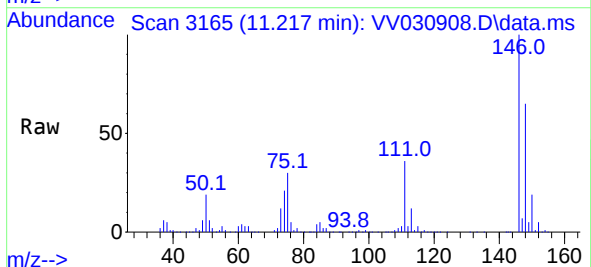
Instrument :
MSVOA_V
ClientSampleId :

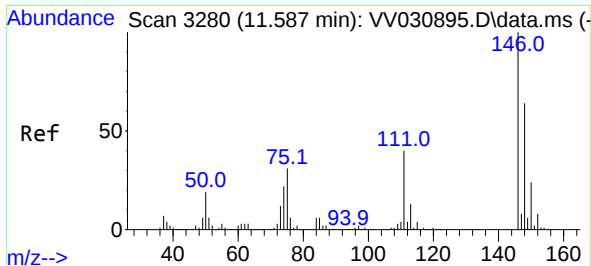
Tgt Ion:146 Resp: 206837
Ion Ratio Lower Upper
146 100
111 39.5 27.0 50.2
148 64.1 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 43.829 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. -0.000 min
Lab File: VV030908.D
Acq: 27 Apr 2023 18:01

Tgt Ion:146 Resp: 217678
Ion Ratio Lower Upper
146 100
111 36.3 26.5 49.1
148 65.0 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 43.849 ug/L

RT: 11.586 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV030908.D

Acq: 27 Apr 2023 18:01

Instrument :

MSVOA_V

ClientSampleId :

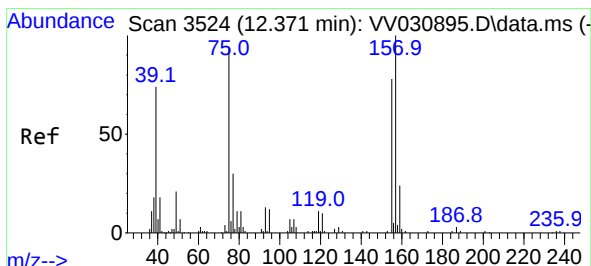
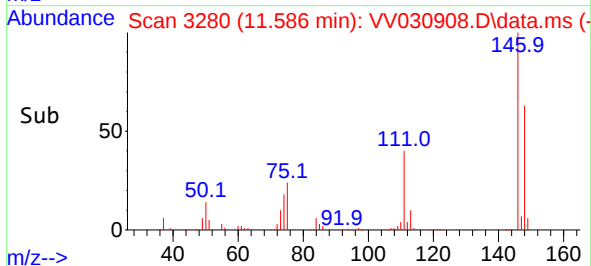
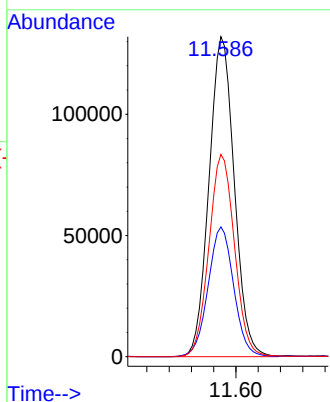
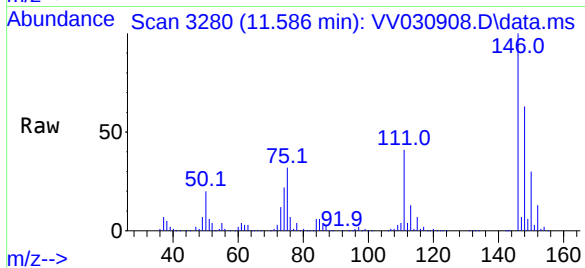
Tgt Ion:146 Resp: 208348

Ion Ratio Lower Upper

146 100

111 40.5 32.0 48.0

148 63.2 50.6 76.0



#68

1,2-Dibromo-3-chloropropane

Concen: 42.535 ug/L

RT: 12.371 min Scan# 3524

Delta R.T. -0.000 min

Lab File: VV030908.D

Acq: 27 Apr 2023 18:01

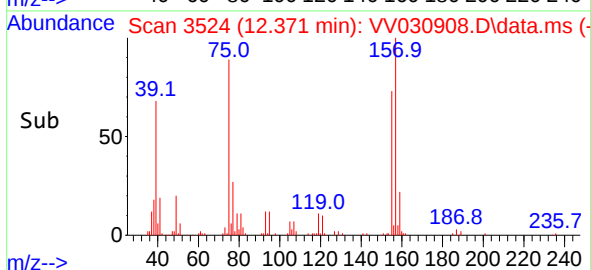
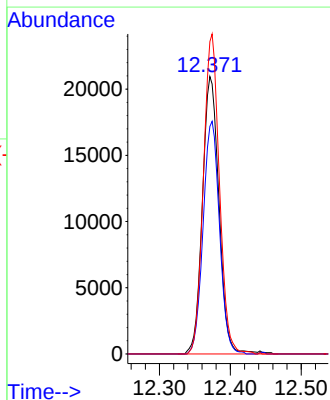
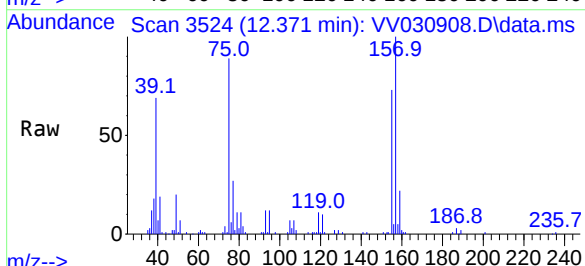
Tgt Ion: 75 Resp: 34046

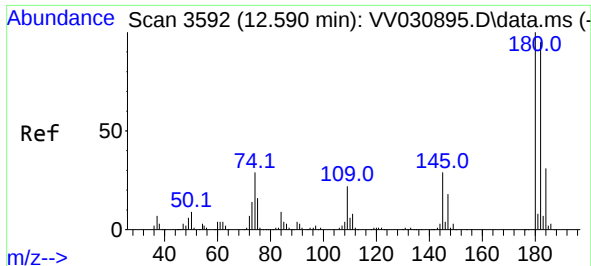
Ion Ratio Lower Upper

75 100

155 82.0 65.0 97.6

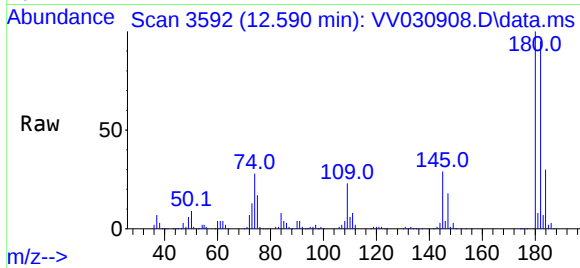
157 112.6 84.4 126.6



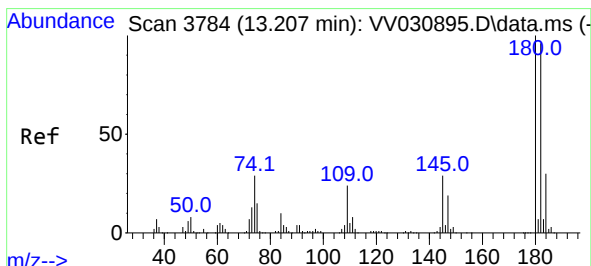
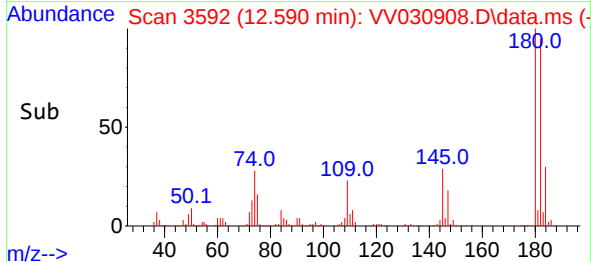
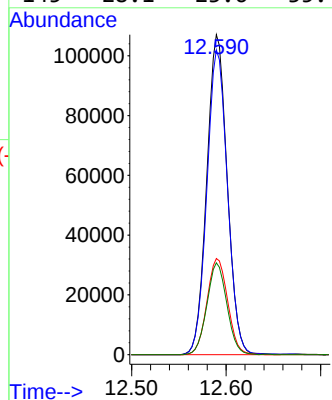


#69
 1,3,5-Trichlorobenzene
 Concen: 45.190 ug/L
 RT: 12.590 min Scan# 3592
 Delta R.T. -0.000 min
 Lab File: VV030908.D
 Acq: 27 Apr 2023 18:01

Instrument :
 MSVOA_V
 ClientSampleId :

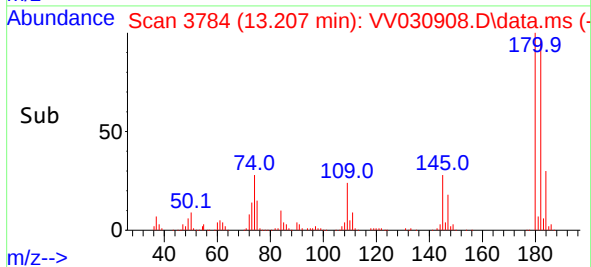
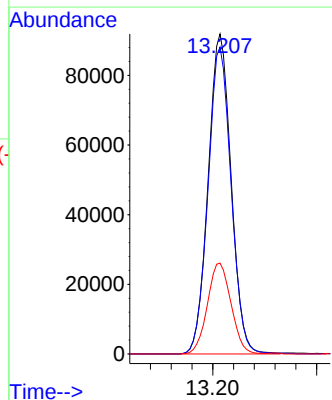
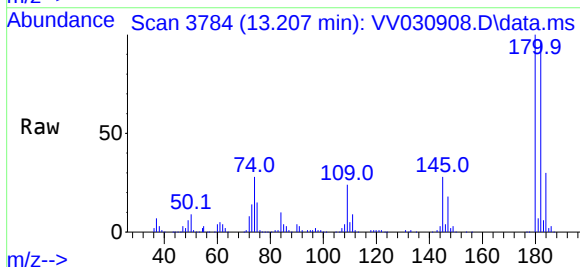


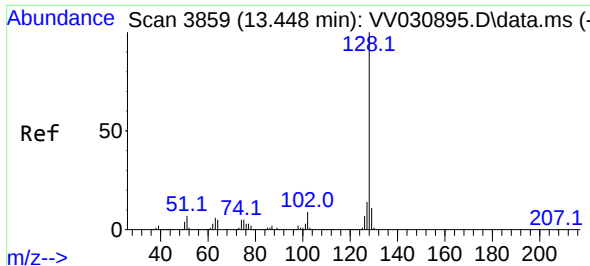
Tgt Ion:180 Resp: 160779
 Ion Ratio Lower Upper
 180 100
 182 95.9 76.4 114.6
 184 30.5 24.1 36.1
 145 28.1 23.6 35.4



#70
 1,2,4-trichlorobenzene
 Concen: 46.592 ug/L
 RT: 13.207 min Scan# 3784
 Delta R.T. -0.000 min
 Lab File: VV030908.D
 Acq: 27 Apr 2023 18:01

Tgt Ion:180 Resp: 140745
 Ion Ratio Lower Upper
 180 100
 182 96.2 75.9 113.9
 145 29.3 23.4 35.2

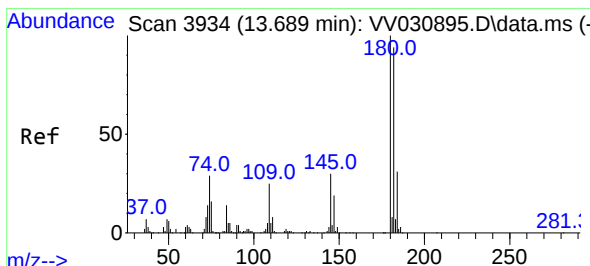
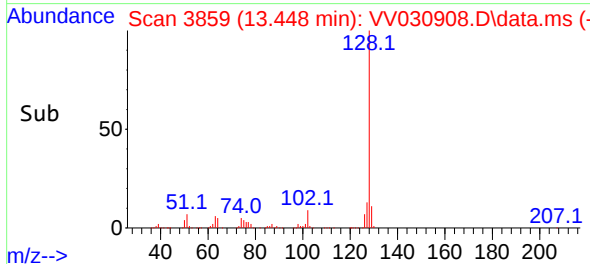
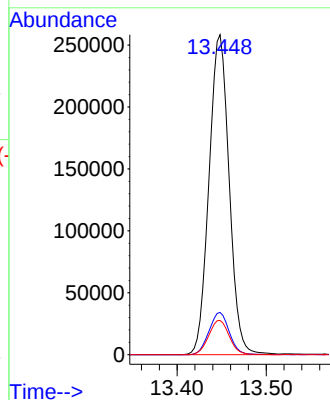
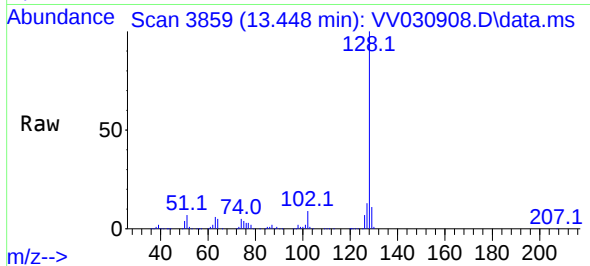




#71
Naphthalene
Concen: 49.045 ug/L
RT: 13.448 min Scan# 3859
Delta R.T. -0.000 min
Lab File: VV030908.D
Acq: 27 Apr 2023 18:01

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 405280
Ion Ratio Lower Upper
128 100
127 13.2 10.7 16.1
129 10.9 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 48.421 ug/L
RT: 13.689 min Scan# 3934
Delta R.T. -0.000 min
Lab File: VV030908.D
Acq: 27 Apr 2023 18:01

Tgt Ion:180 Resp: 145042
Ion Ratio Lower Upper
180 100
182 95.4 76.2 114.4
145 30.6 25.1 37.7

