

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042723\
 Data File : VW030907.D
 Acq On : 27 Apr 2023 17:37
 Operator : SY/MD
 Sample : 02447-18MSME
 Misc : 4.65g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW937MEMS

Quant Time: Apr 28 00:53:00 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	246674	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	243076	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	152498	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	75112	41.537	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.080%
7) Chloroethane-d5	1.535	69	59668	39.375	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.760%
11) 1,1-Dichloroethene-d2	2.066	65	36369	42.410	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.820%
21) 2-Butanone-d5	3.796	46	95171	95.820	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.820%
24) Chloroform-d	4.259	84	149741	45.693	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.380%
26) 1,2-Dichloroethane-d4	4.950	65	102845	48.813	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.620%
32) Benzene-d6	4.969	84	265824	46.254	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.500%
36) 1,2-Dichloropropane-d6	5.998	67	78557	44.005	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.020%
41) Toluene-d8	7.249	98	264622	49.041	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.080%
43) trans-1,3-Dichloroprop...	7.558	79	43868	48.755	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.520%
47) 2-Hexanone-d5	8.030	63	66452	94.493	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.490%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	121185	46.783	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.560%
66) 1,2-Dichlorobenzene-d4	11.567	152	114739	47.337	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	90836	42.830	ug/L	99
3) Chloromethane	1.217	50	92258	33.162	ug/L	99
5) Vinyl chloride	1.288	62	83704	37.319	ug/L	100
6) Bromomethane	1.487	94	39910	44.874	ug/L	98
8) Chloroethane	1.552	64	52175	33.915	ug/L	99
9) Trichlorofluoromethane	1.719	101	158367	43.565	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	78964	41.333	ug/L	95
12) 1,1-Dichloroethene	2.076	96	69974	40.512	ug/L	99
13) Acetone	2.117	43	125551	81.690	ug/L	99
14) Carbon disulfide	2.249	76	148386	30.416	ug/L	99
15) Methyl Acetate	2.378	43	84803	41.347	ug/L	96
16) Methylene chloride	2.455	84	76725	38.817	ug/L	98
17) trans-1,2-Dichloroethene	2.703	96	66304	38.025	ug/L	95
18) Methyl tert-butyl Ether	2.712	73	251834	45.090	ug/L	97
19) 1,1-Dichloroethane	3.121	63	140131	39.417	ug/L	98
20) cis-1,2-Dichloroethene	3.825	96	78259	41.259	ug/L	97
22) 2-Butanone	3.873	43	126692	79.767	ug/L	98
23) Bromochloromethane	4.159	128	45154	42.623	ug/L	93
25) Chloroform	4.288	83	157461	42.792	ug/L	99

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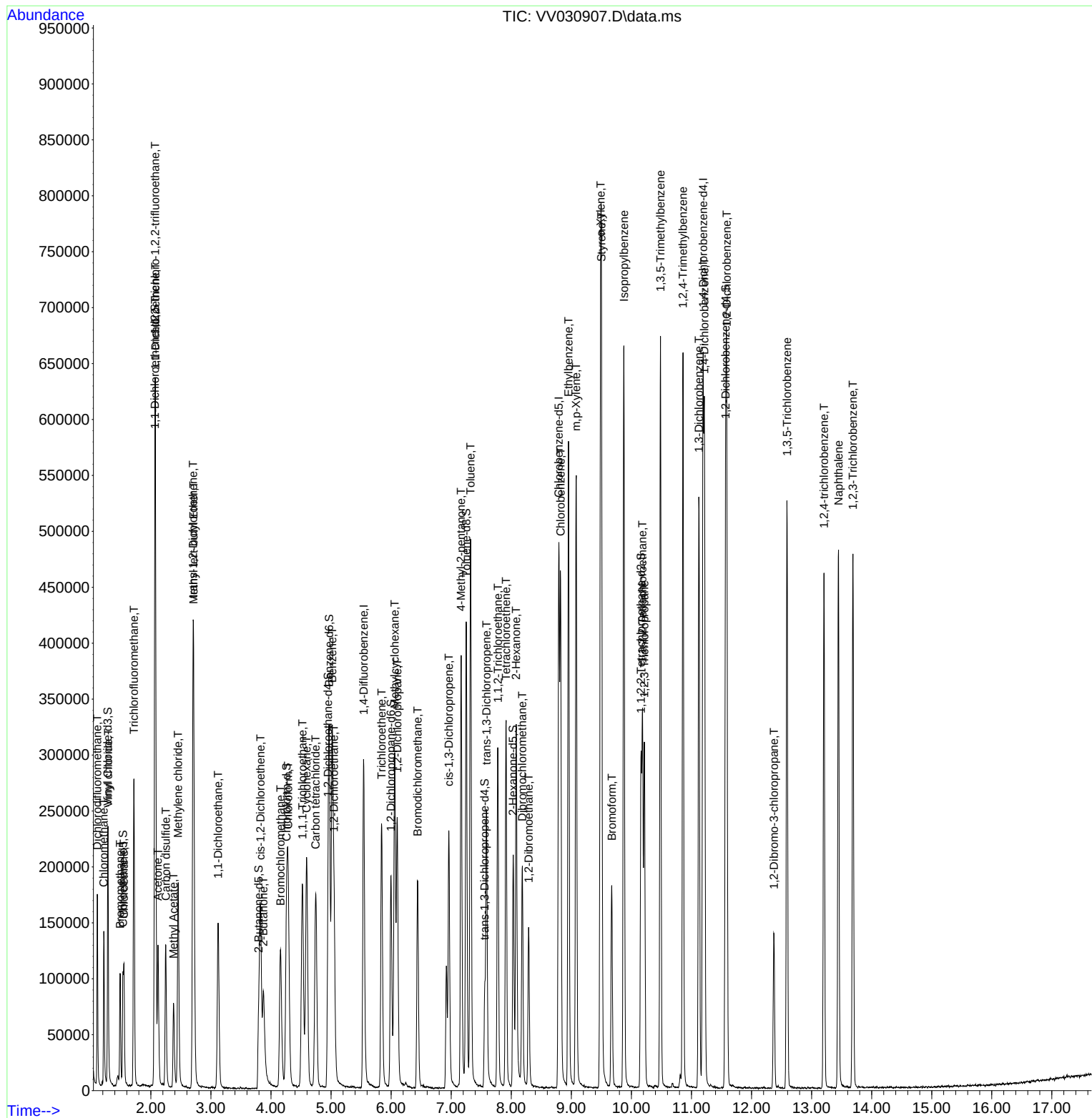
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	140366	45.064	ug/L	99
29) Cyclohexane	4.593	56	101111	34.662	ug/L	95
30) 1,1,1-Trichloroethane	4.523	97	147212	43.100	ug/L	99
31) Carbon tetrachloride	4.744	117	131721	43.134	ug/L	98
33) Benzene	5.018	78	302888	41.034	ug/L	100
34) Trichloroethene	5.841	95	77511	40.371	ug/L	96
35) Methylcyclohexane	6.059	83	113262	37.648	ug/L	97
37) 1,2-Dichloropropane	6.101	63	79766	40.149	ug/L	99
38) Bromodichloromethane	6.439	83	118805	42.569	ug/L	96
39) cis-1,3-Dichloropropene	6.960	75	118080	39.599	ug/L	99
40) 4-Methyl-2-pentanone	7.165	43	244400	88.063	ug/L	99
42) Toluene	7.323	91	339048	42.883	ug/L	98
44) trans-1,3-Dichloropropene	7.587	75	129407	44.173	ug/L	97
45) 1,1,2-Trichloroethane	7.776	97	84898	42.615	ug/L	100
46) Tetrachloroethene	7.911	164	69685	41.465	ug/L	98
48) 2-Hexanone	8.082	43	200384	87.507	ug/L	97
49) Dibromochloromethane	8.185	129	93689	42.635	ug/L	99
50) 1,2-Dibromoethane	8.291	107	85126	41.239	ug/L	100
51) Chlorobenzene	8.821	112	225639	43.092	ug/L	99
52) Ethylbenzene	8.953	91	376829	43.053	ug/L	99
53) m,p-Xylene	9.082	106	145331	43.958	ug/L	100
54) o-Xylene	9.487	106	143719	44.435	ug/L	95
55) Styrene	9.503	104	261800	46.080	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.185	83	138572	42.365	ug/L	99
59) Bromoform	9.673	173	77607	40.647	ug/L	99
60) Isopropylbenzene	9.876	105	397361	41.781	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	109192	39.978	ug/L	97
62) 1,3,5-Trimethylbenzene	10.484	105	324671	41.462	ug/L	97
63) 1,2,4-Trimethylbenzene	10.860	105	328619	42.031	ug/L	98
64) 1,3-Dichlorobenzene	11.124	146	205861	43.234	ug/L	100
65) 1,4-Dichlorobenzene	11.217	146	214662	42.753	ug/L	98
67) 1,2-Dichlorobenzene	11.587	146	209649	43.644	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.374	75	32144	39.722	ug/L	97
69) 1,3,5-Trichlorobenzene	12.590	180	156501	43.510	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	137391	44.987	ug/L	99
71) Naphthalene	13.448	128	361937	43.324	ug/L	100
72) 1,2,3-Trichlorobenzene	13.689	180	139796	46.163	ug/L	99

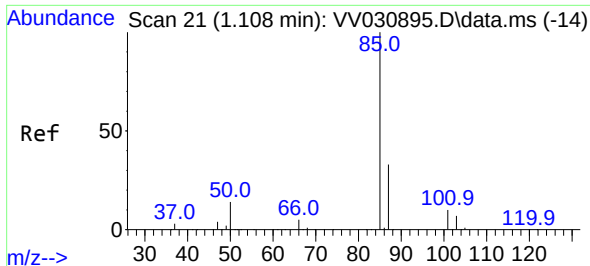
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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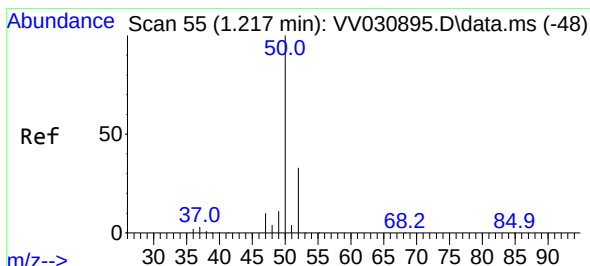
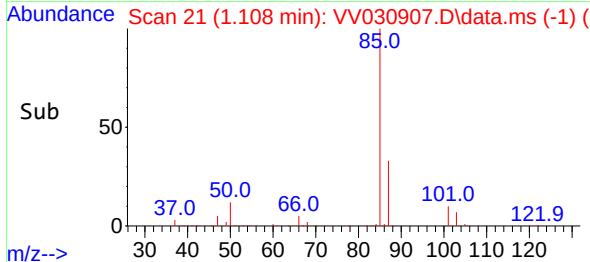
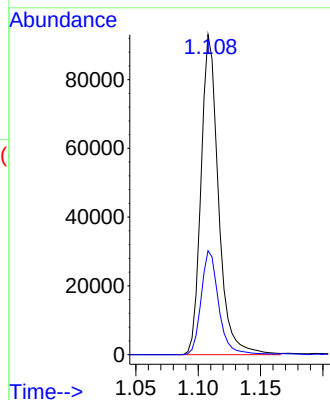
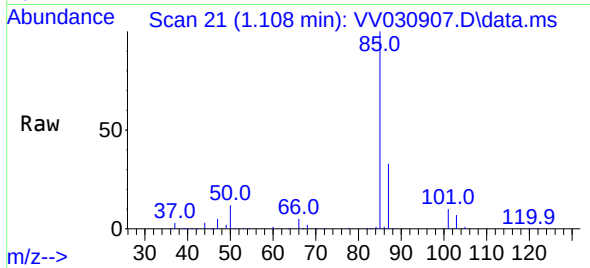




#2
Dichlorodifluoromethane
Concen: 42.830 ug/L
RT: 1.108 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV030907.D
Acq: 27 Apr 2023 17:37

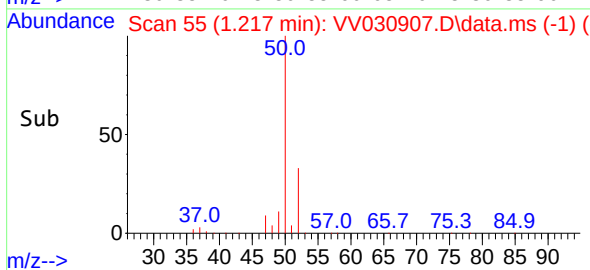
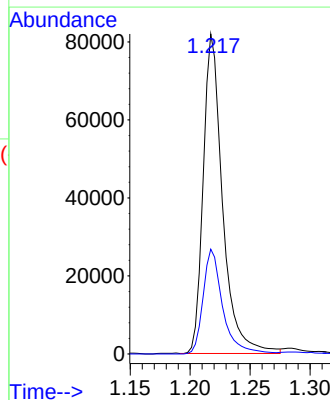
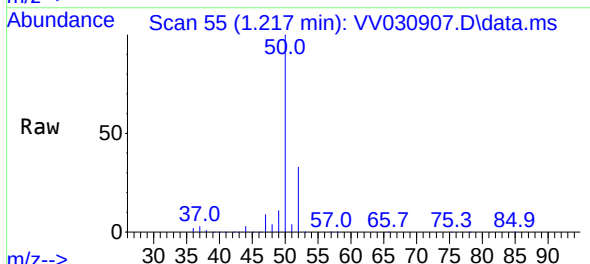
Instrument :
MSVOA_V
ClientSampleId :
EW937MEMS

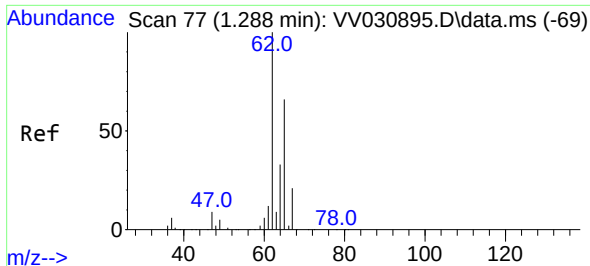
Tgt Ion: 85 Resp: 90836
Ion Ratio Lower Upper
85 100
87 32.6 25.6 38.4



#3
Chloromethane
Concen: 33.162 ug/L
RT: 1.217 min Scan# 55
Delta R.T. 0.000 min
Lab File: VV030907.D
Acq: 27 Apr 2023 17:37

Tgt Ion: 50 Resp: 92258
Ion Ratio Lower Upper
50 100
52 32.8 22.5 41.9

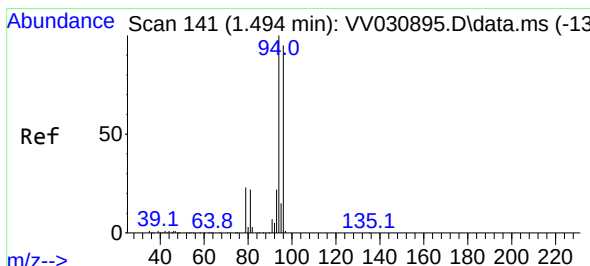
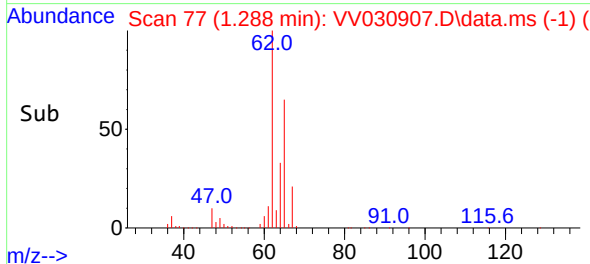
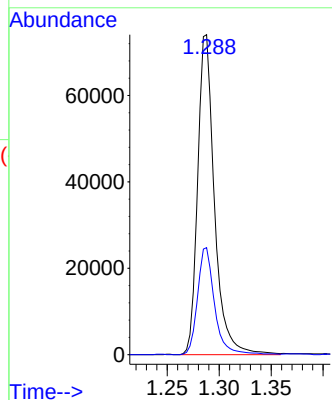
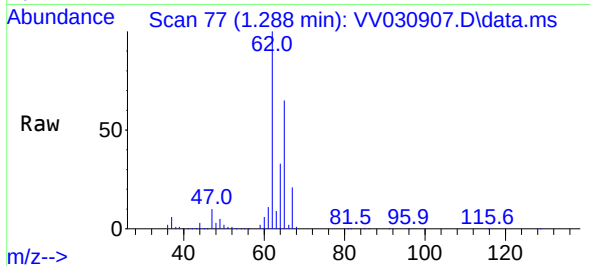




#5
 Vinyl chloride
 Concen: 37.319 ug/L
 RT: 1.288 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VV030907.D
 Acq: 27 Apr 2023 17:37

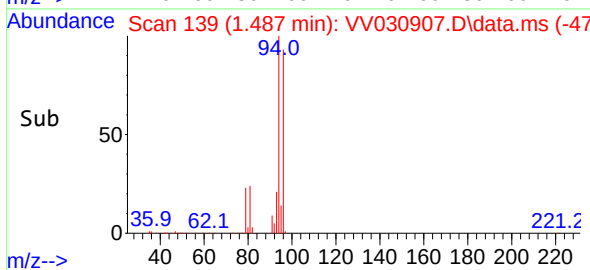
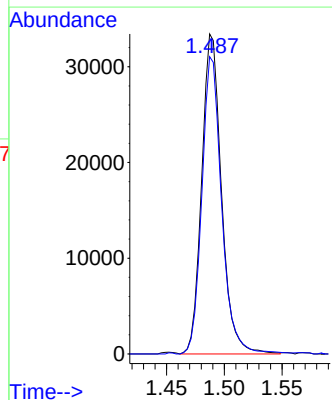
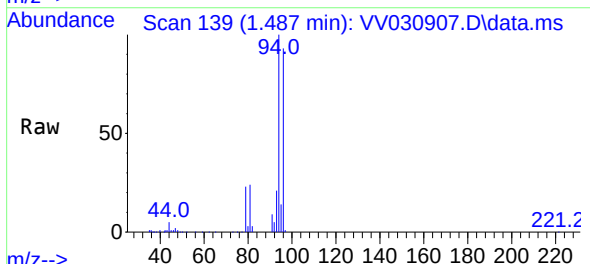
Instrument :
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 ClientSampleId :
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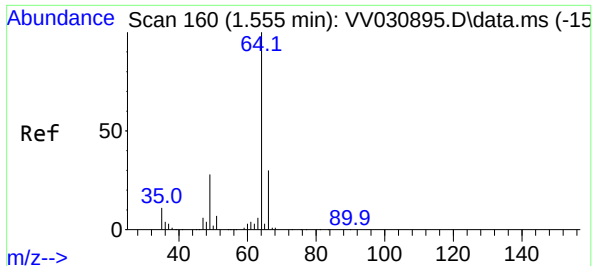
Tgt Ion: 62 Resp: 83704
 Ion Ratio Lower Upper
 62 100
 64 33.5 23.4 43.4



#6
 Bromomethane
 Concen: 44.874 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. -0.003 min
 Lab File: VV030907.D
 Acq: 27 Apr 2023 17:37

Tgt Ion: 94 Resp: 39910
 Ion Ratio Lower Upper
 94 100
 96 92.9 66.3 123.1

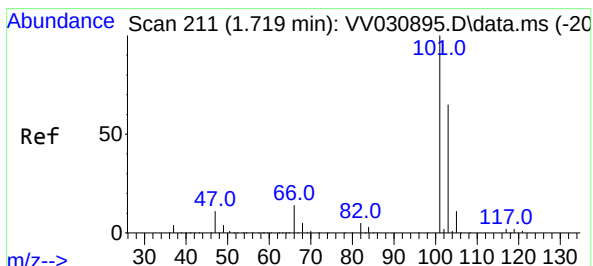
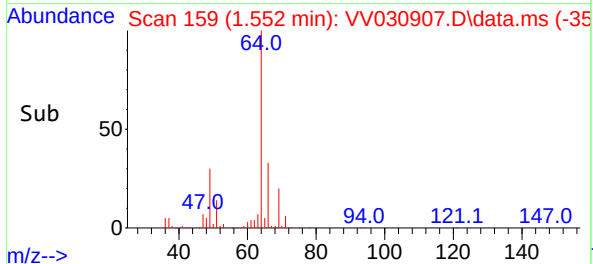
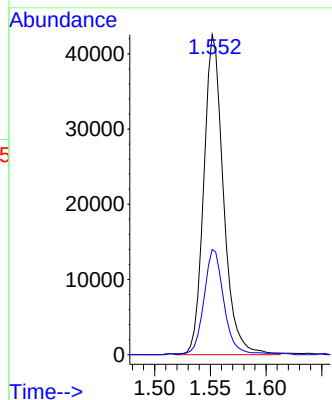
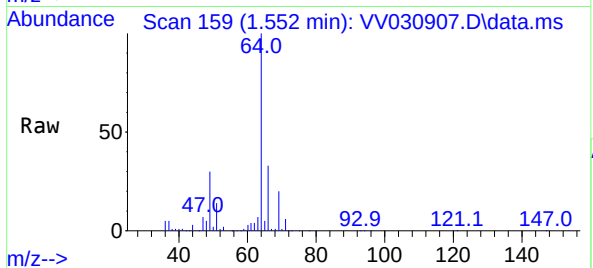




#8
Chloroethane
Concen: 33.915 ug/L
RT: 1.552 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV030907.D
Acq: 27 Apr 2023 17:37

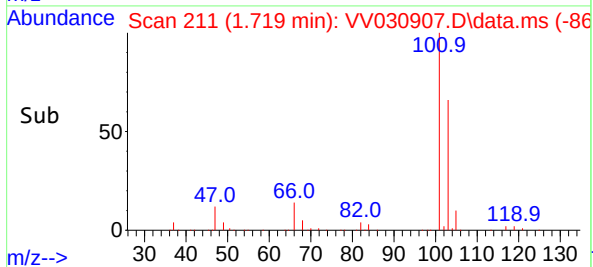
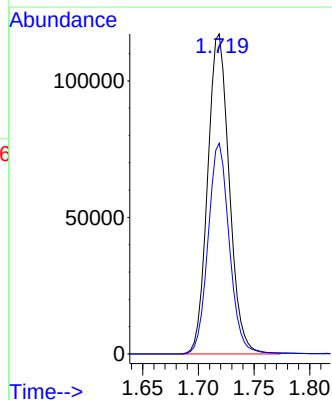
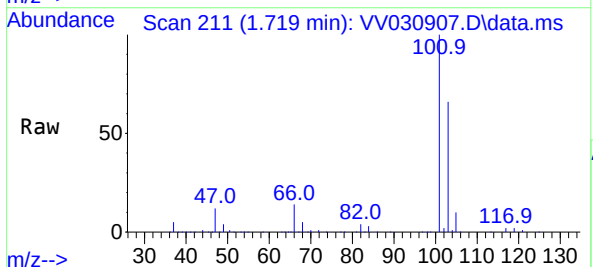
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ClientSampleId :
EW937MEMS

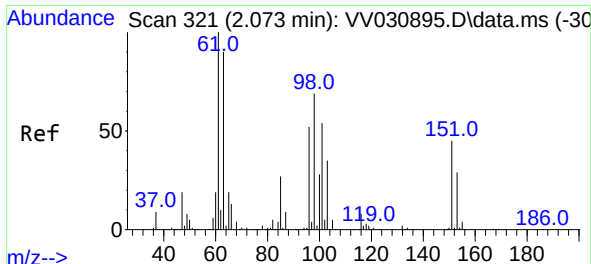
Tgt Ion: 64 Resp: 52175
Ion Ratio Lower Upper
64 100
66 32.9 22.7 42.3



#9
Trichlorofluoromethane
Concen: 43.565 ug/L
RT: 1.719 min Scan# 211
Delta R.T. 0.003 min
Lab File: VV030907.D
Acq: 27 Apr 2023 17:37

Tgt Ion:101 Resp: 158367
Ion Ratio Lower Upper
101 100
103 64.6 51.4 77.0

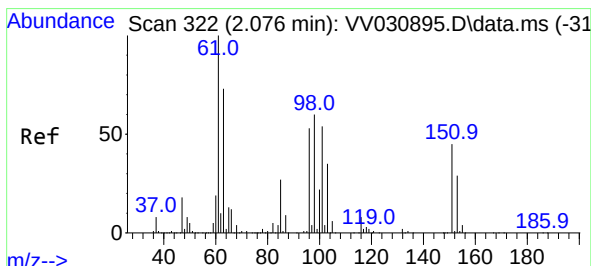
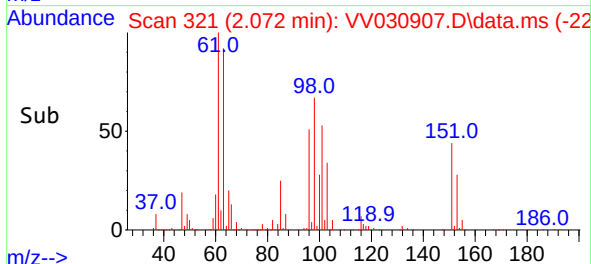
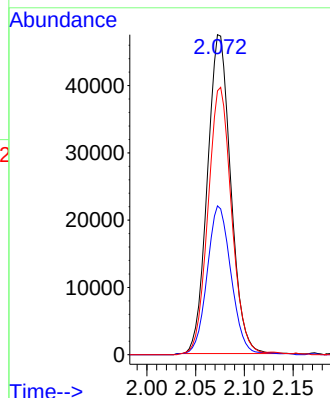
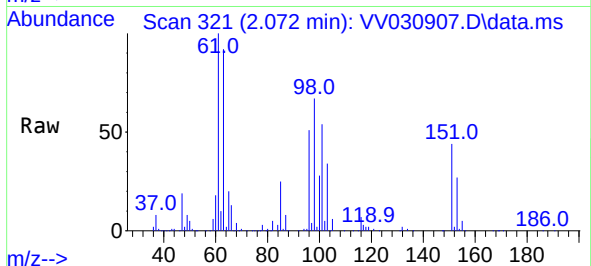




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 41.333 ug/L
RT: 2.072 min Scan# 311
Delta R.T. 0.000 min
Lab File: VV030907.D
Acq: 27 Apr 2023 17:37

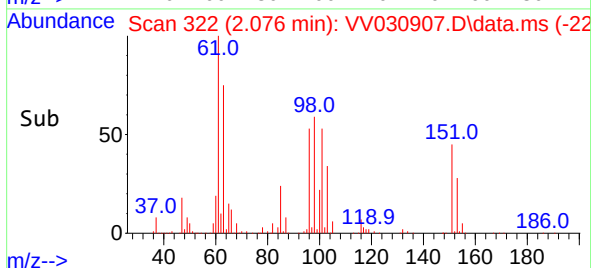
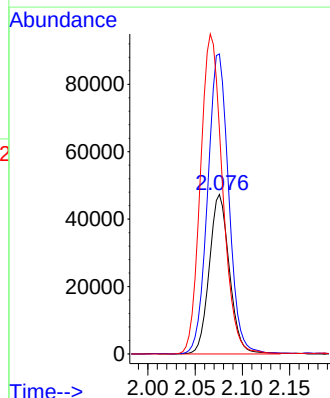
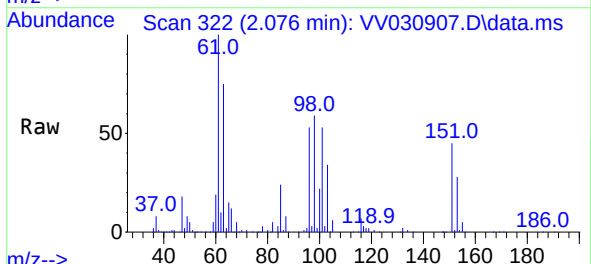
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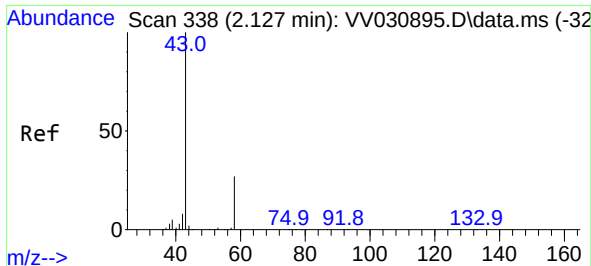
Tgt Ion:101 Resp: 78964
Ion Ratio Lower Upper
101 100
85 48.2 37.5 56.3
151 85.0 63.5 95.3



#12
1,1-Dichloroethene
Concen: 40.512 ug/L
RT: 2.076 min Scan# 322
Delta R.T. 0.003 min
Lab File: VV030907.D
Acq: 27 Apr 2023 17:37

Tgt Ion: 96 Resp: 69974
Ion Ratio Lower Upper
96 100
61 188.1 131.9 245.0
63 141.0 99.8 185.3





#13

Acetone

Concen: 81.690 ug/L

RT: 2.117 min Scan# 31

Delta R.T. -0.006 min

Lab File: VV030907.D

Acq: 27 Apr 2023 17:37

Instrument :

MSVOA_V

ClientSampleId :

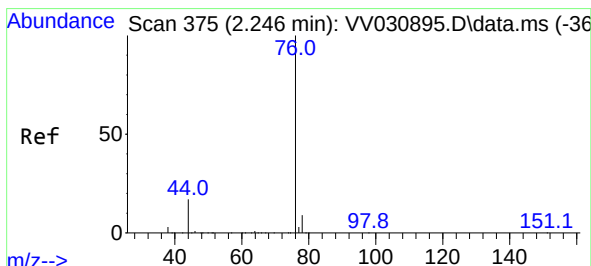
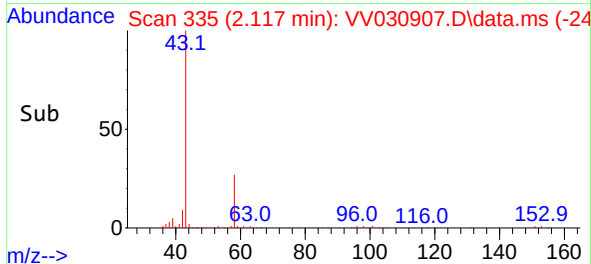
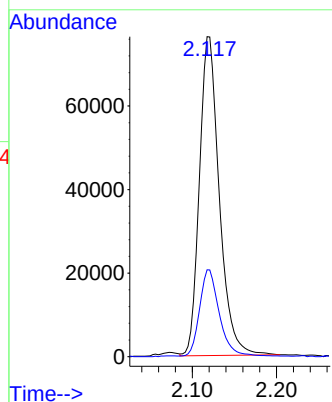
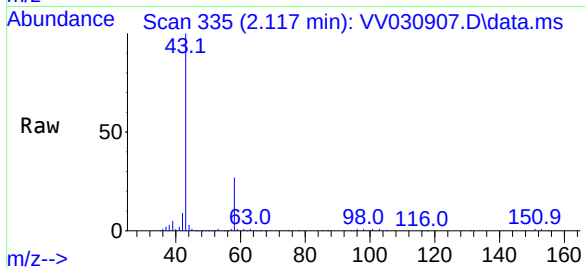
EW937MEMS

Tgt Ion: 43 Resp: 125551

Ion Ratio Lower Upper

43 100

58 27.1 0.0 52.8



#14

Carbon disulfide

Concen: 30.416 ug/L

RT: 2.249 min Scan# 376

Delta R.T. 0.003 min

Lab File: VV030907.D

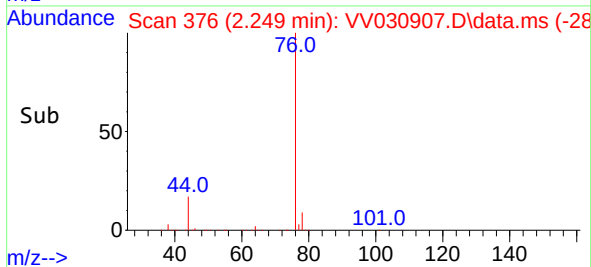
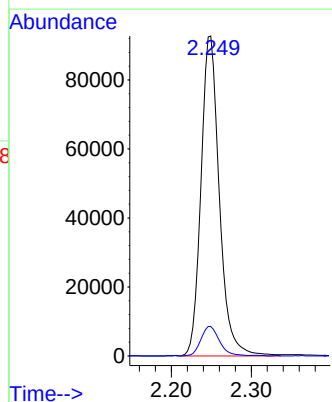
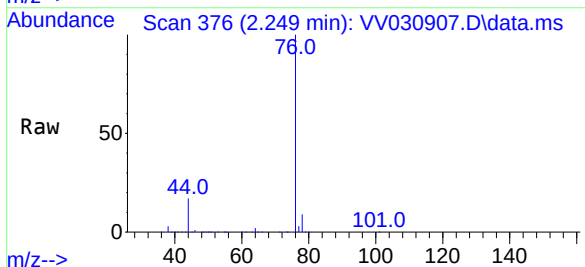
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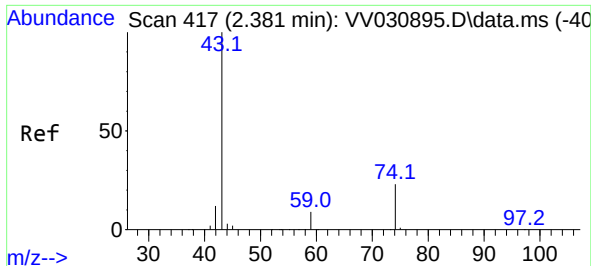
Tgt Ion: 76 Resp: 148386

Ion Ratio Lower Upper

76 100

78 9.2 7.0 10.4

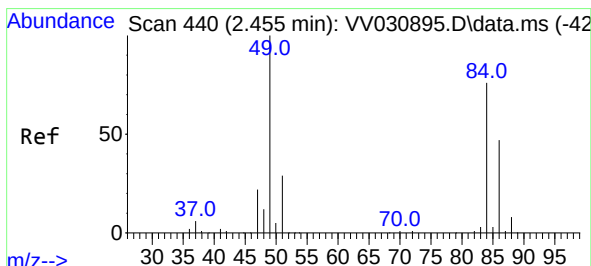
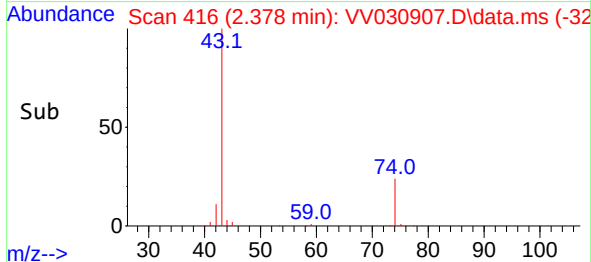
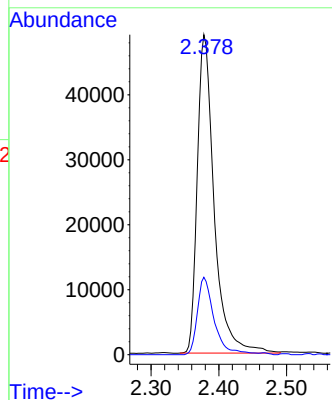
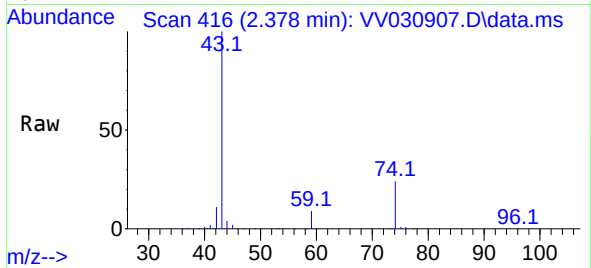




#15
Methyl Acetate
Concen: 41.347 ug/L
RT: 2.378 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV030907.D
Acq: 27 Apr 2023 17:37

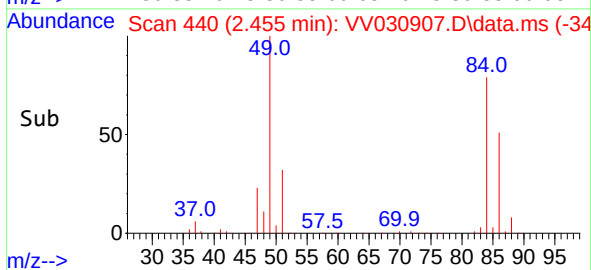
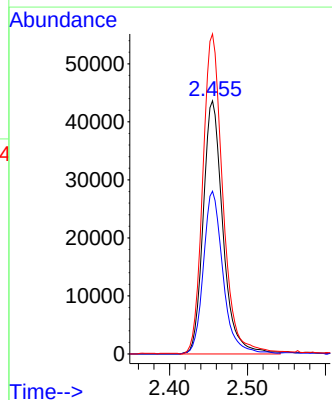
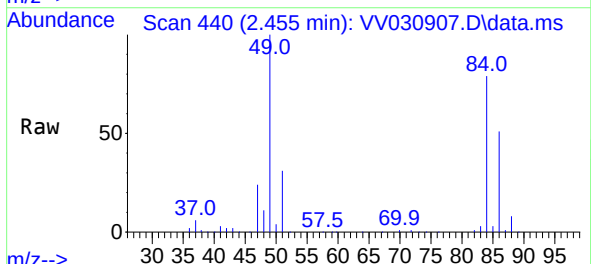
Instrument :
MSVOA_V
ClientSampleId :
EW937MEMS

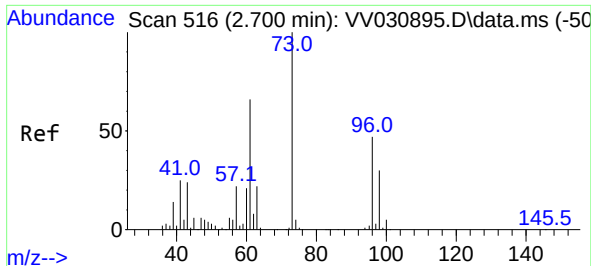
Tgt Ion: 43 Resp: 84803
Ion Ratio Lower Upper
43 100
74 23.9 17.7 26.5



#16
Methylene chloride
Concen: 38.817 ug/L
RT: 2.455 min Scan# 440
Delta R.T. 0.003 min
Lab File: VV030907.D
Acq: 27 Apr 2023 17:37

Tgt Ion: 84 Resp: 76725
Ion Ratio Lower Upper
84 100
86 64.2 45.4 84.2
49 126.4 90.4 168.0

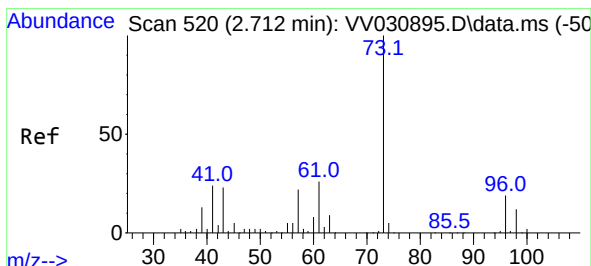
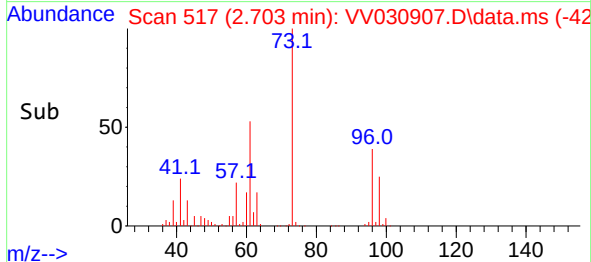
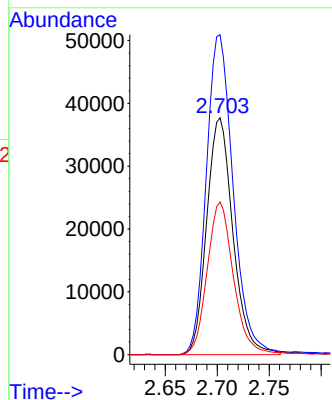
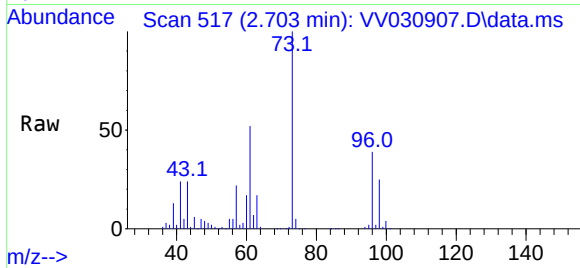




#17
trans-1,2-Dichloroethene
Concen: 38.025 ug/L
RT: 2.703 min Scan# 516
Delta R.T. 0.003 min
Lab File: VV030907.D
Acq: 27 Apr 2023 17:37

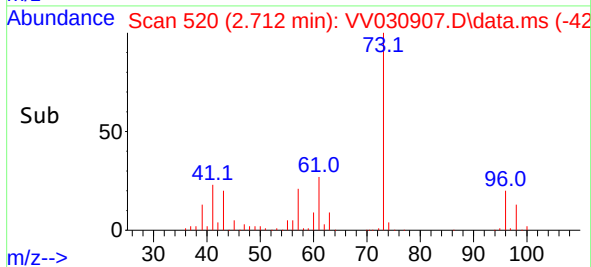
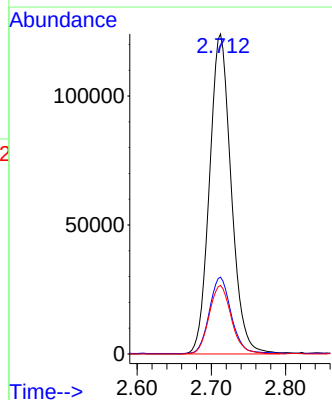
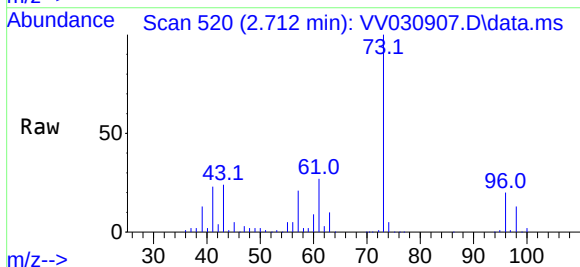
Instrument :
MSVOA_V
ClientSampleId :
EW937MEMS

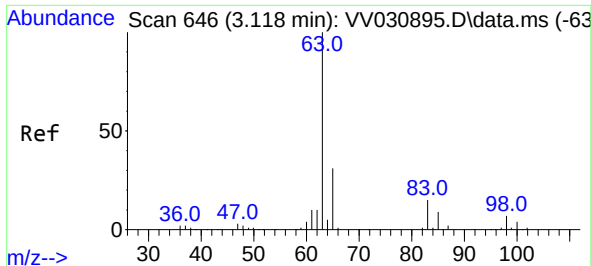
Tgt Ion: 96 Resp: 66304
Ion Ratio Lower Upper
96 100
61 135.1 101.0 187.6
98 64.5 45.4 84.2



#18
Methyl tert-butyl Ether
Concen: 45.090 ug/L
RT: 2.712 min Scan# 520
Delta R.T. 0.003 min
Lab File: VV030907.D
Acq: 27 Apr 2023 17:37

Tgt Ion: 73 Resp: 251834
Ion Ratio Lower Upper
73 100
43 23.9 17.6 26.4
57 21.9 18.2 27.2

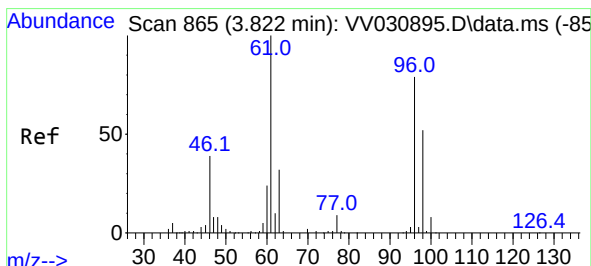
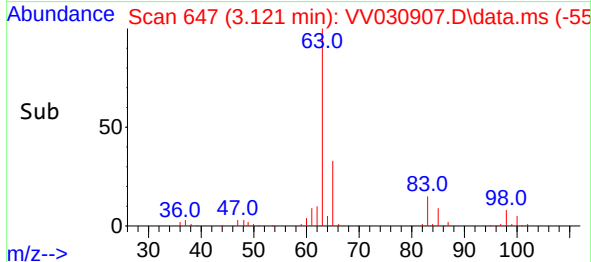
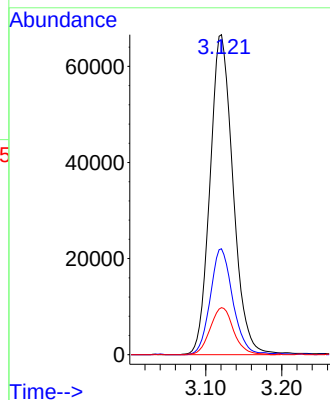
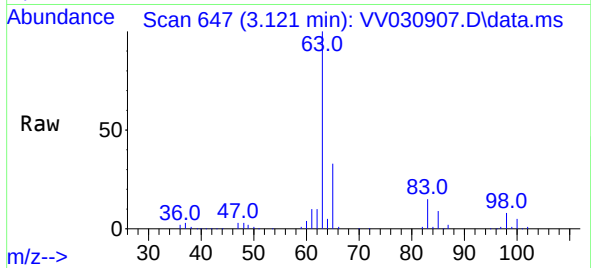




#19
1,1-Dichloroethane
Concen: 39.417 ug/L
RT: 3.121 min Scan# 64
Delta R.T. 0.003 min
Lab File: VV030907.D
Acq: 27 Apr 2023 17:37

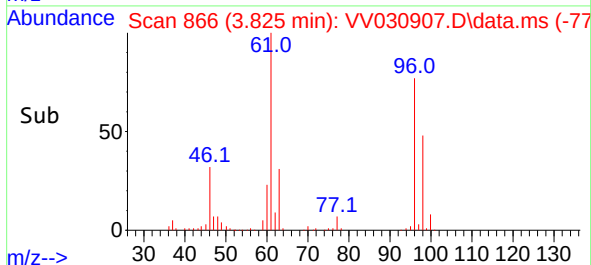
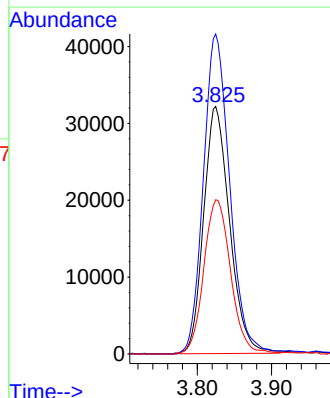
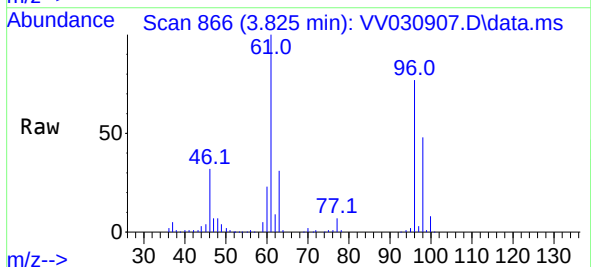
Instrument :
MSVOA_V
ClientSampleId :
EW937MEMS

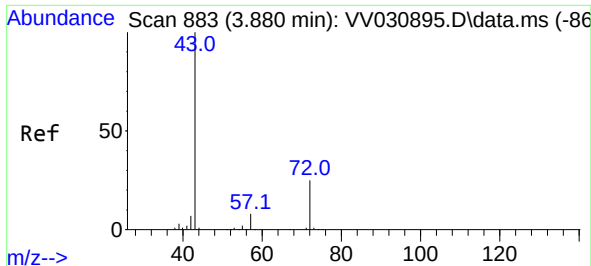
Tgt Ion: 63 Resp: 140131
Ion Ratio Lower Upper
63 100
65 33.1 21.8 40.6
83 14.7 10.2 19.0



#20
cis-1,2-Dichloroethene
Concen: 41.259 ug/L
RT: 3.825 min Scan# 866
Delta R.T. 0.003 min
Lab File: VV030907.D
Acq: 27 Apr 2023 17:37

Tgt Ion: 96 Resp: 78259
Ion Ratio Lower Upper
96 100
61 129.3 92.3 171.3
98 62.3 45.9 85.3

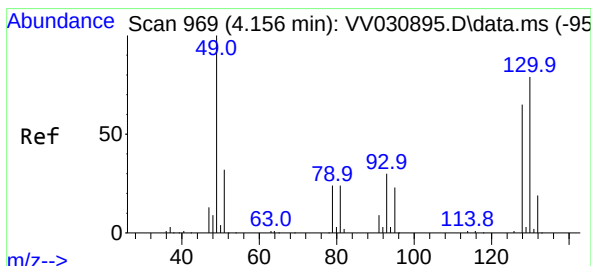
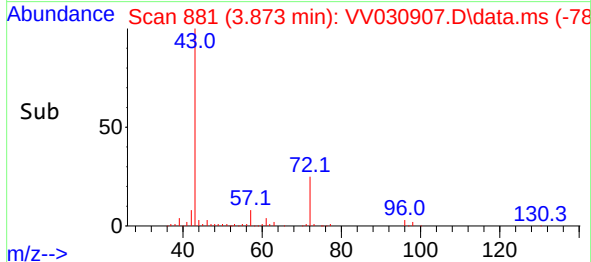
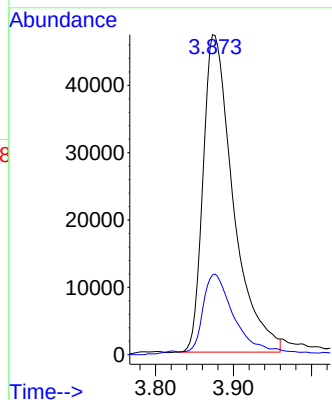
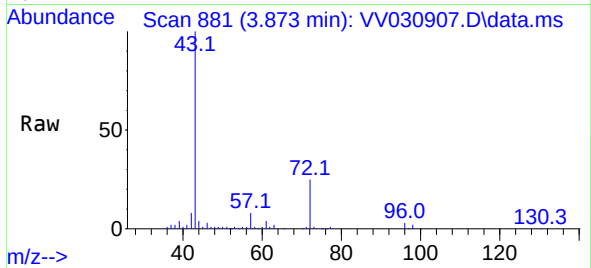




#22
2-Butanone
Concen: 79.767 ug/L
RT: 3.873 min Scan# 81
Delta R.T. -0.003 min
Lab File: VV030907.D
Acq: 27 Apr 2023 17:37

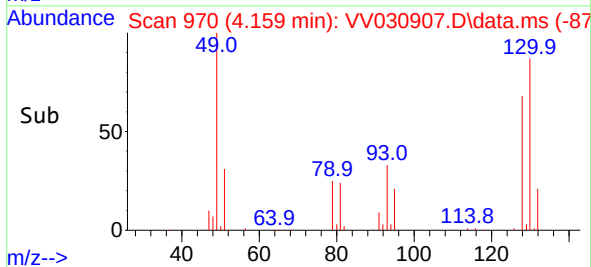
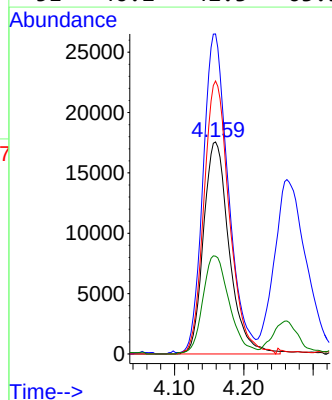
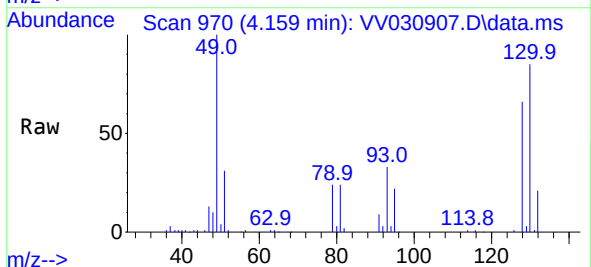
Instrument :
MSVOA_V
ClientSampleId :
EW937MEMS

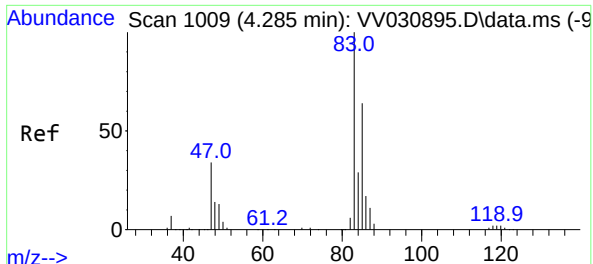
Tgt Ion: 43 Resp: 126692
Ion Ratio Lower Upper
43 100
72 23.9 11.5 34.4



#23
Bromochloromethane
Concen: 42.623 ug/L
RT: 4.159 min Scan# 970
Delta R.T. 0.006 min
Lab File: VV030907.D
Acq: 27 Apr 2023 17:37

Tgt Ion: 128 Resp: 45154
Ion Ratio Lower Upper
128 100
49 151.0 114.7 213.1
130 128.8 89.0 165.2
51 46.2 42.3 63.5





#25

Chloroform

Concen: 42.792 ug/L

RT: 4.288 min Scan# 1009

Delta R.T. 0.003 min

Lab File: VV030907.D

Acq: 27 Apr 2023 17:37

Instrument :

MSVOA_V

ClientSampleId :

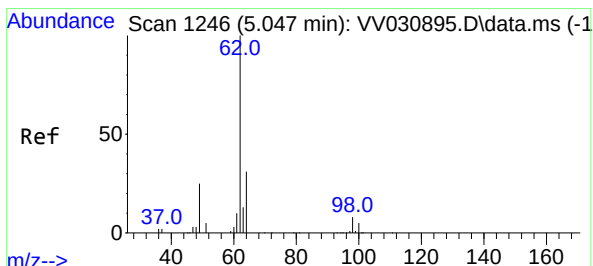
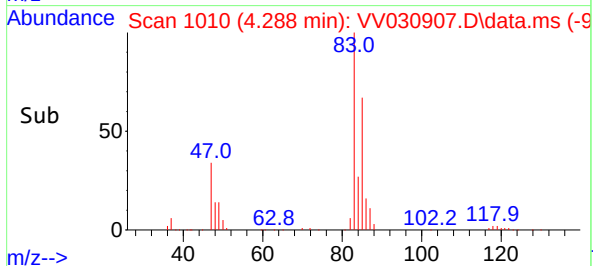
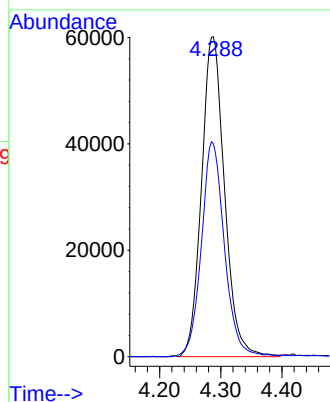
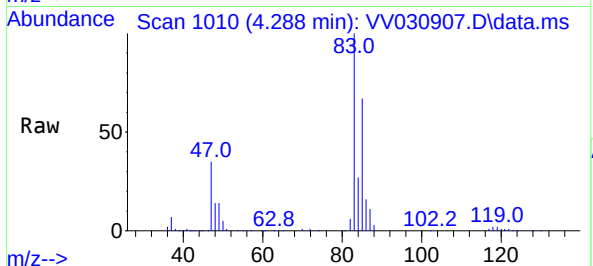
EW937MEMS

Tgt Ion: 83 Resp: 157461

Ion Ratio Lower Upper

83 100

85 66.6 45.8 85.2



#27

1,2-Dichloroethane

Concen: 45.064 ug/L

RT: 5.050 min Scan# 1247

Delta R.T. 0.003 min

Lab File: VV030907.D

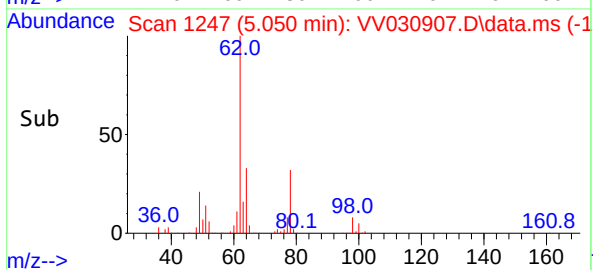
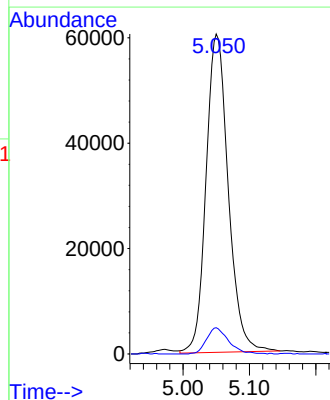
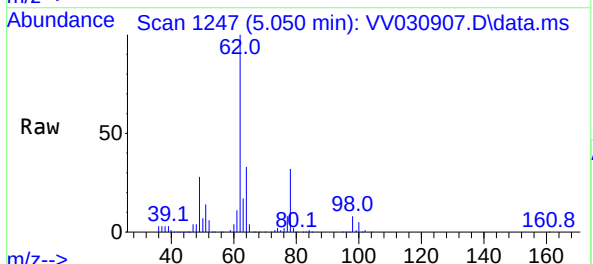
Acq: 27 Apr 2023 17:37

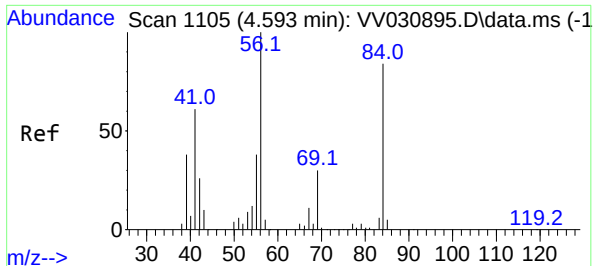
Tgt Ion: 62 Resp: 140366

Ion Ratio Lower Upper

62 100

98 8.2 6.4 9.6





#29

Cyclohexane

Concen: 34.662 ug/L

RT: 4.593 min Scan# 1105

Delta R.T. 0.003 min

Lab File: VV030907.D

Acq: 27 Apr 2023 17:37

Instrument :

MSVOA_V

ClientSampleId :

EW937MEMS

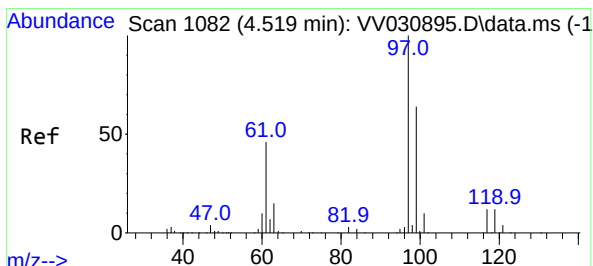
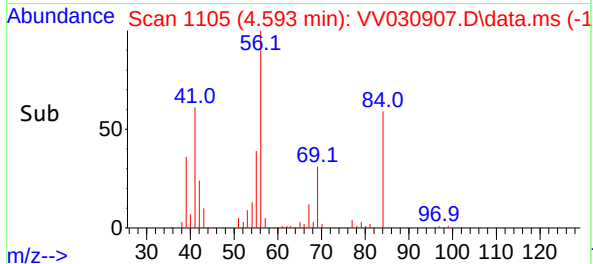
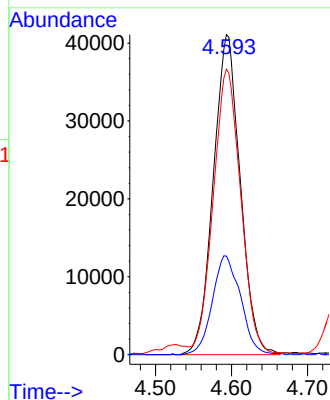
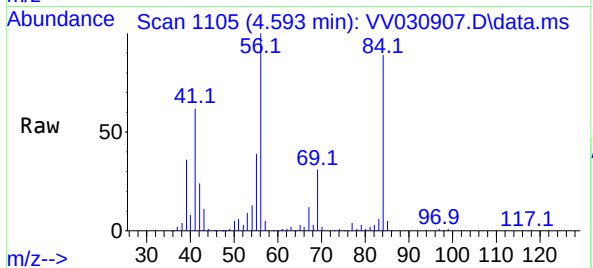
Tgt Ion: 56 Resp: 101111

Ion Ratio Lower Upper

56 100

69 32.3 24.0 36.0

84 90.2 68.2 102.2



#30

1,1,1-Trichloroethane

Concen: 43.100 ug/L

RT: 4.523 min Scan# 1083

Delta R.T. 0.003 min

Lab File: VV030907.D

Acq: 27 Apr 2023 17:37

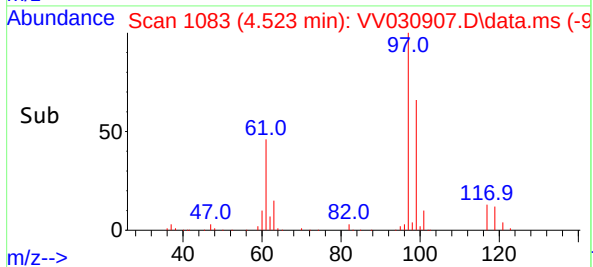
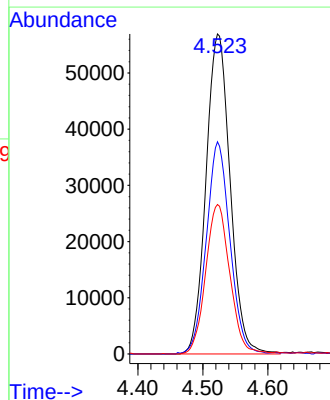
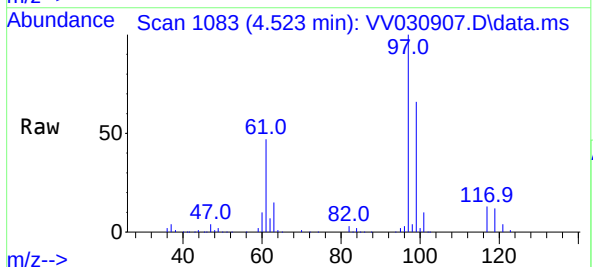
Tgt Ion: 97 Resp: 147212

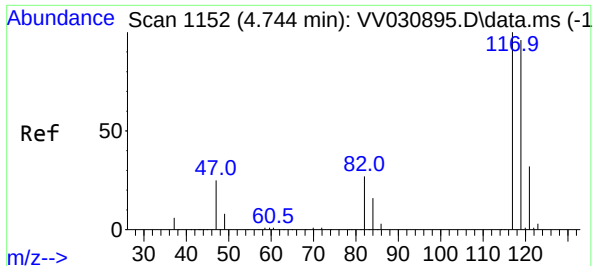
Ion Ratio Lower Upper

97 100

99 64.6 51.4 77.0

61 46.8 37.0 55.6

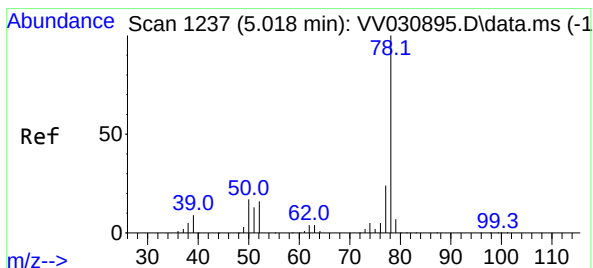
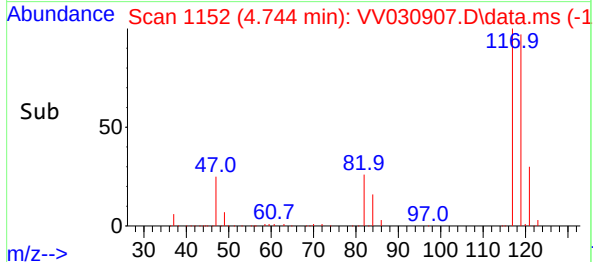
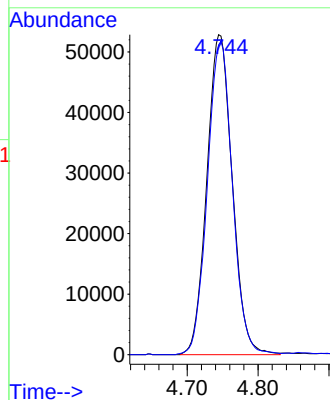
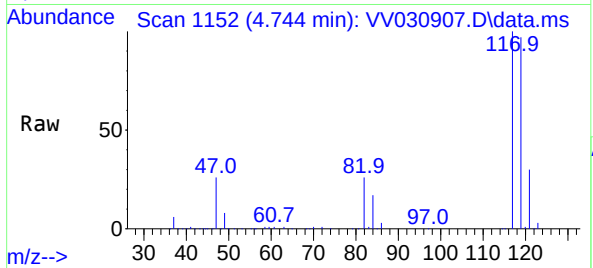




#31
Carbon tetrachloride
Concen: 43.134 ug/L
RT: 4.744 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VV030907.D
Acq: 27 Apr 2023 17:37

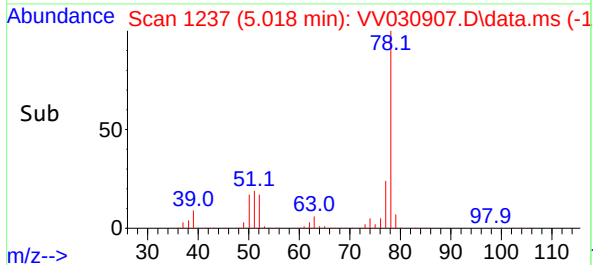
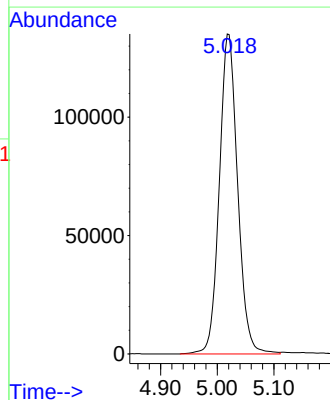
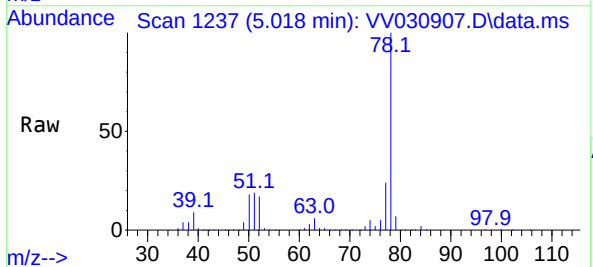
Instrument :
MSVOA_V
ClientSampleId :
EW937MEMS

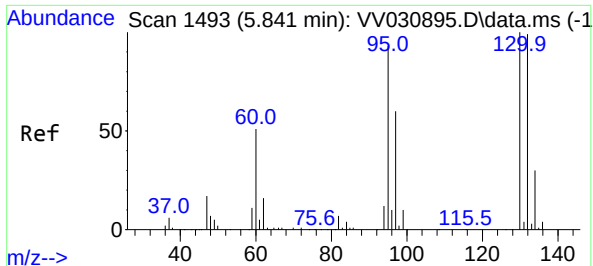
Tgt Ion:117 Resp: 131721
Ion Ratio Lower Upper
117 100
119 96.7 75.9 113.9



#33
Benzene
Concen: 41.034 ug/L
RT: 5.018 min Scan# 1237
Delta R.T. 0.000 min
Lab File: VV030907.D
Acq: 27 Apr 2023 17:37

Tgt Ion: 78 Resp: 302888



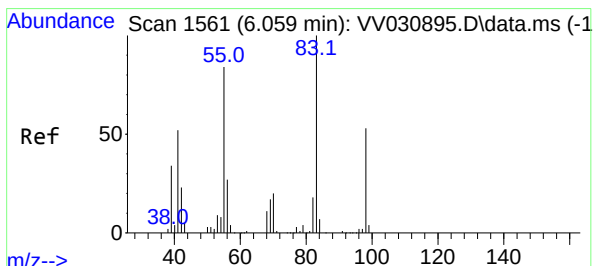
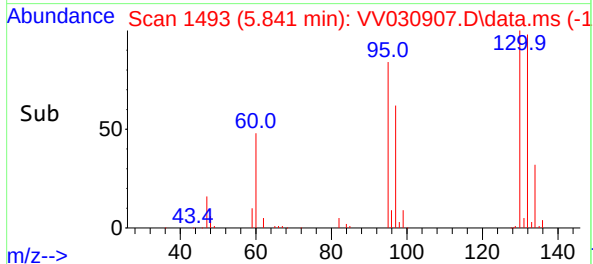
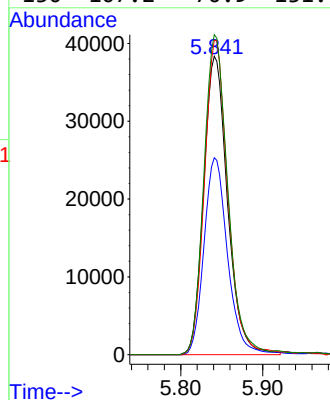
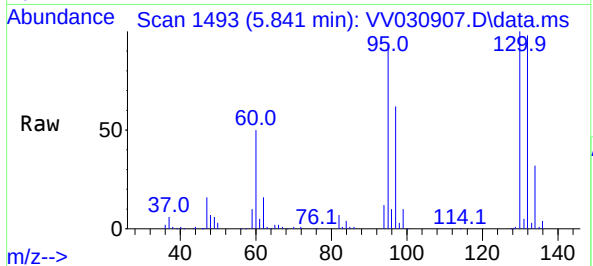


#34
Trichloroethene
Concen: 40.371 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. 0.003 min
Lab File: VV030907.D
Acq: 27 Apr 2023 17:37

Instrument :
MSVOA_V
ClientSampleId :
EW937MEMS

Tgt Ion: 95 Resp: 77511

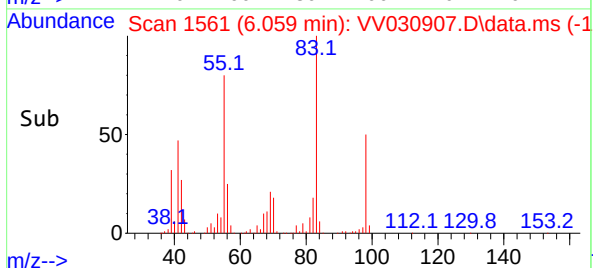
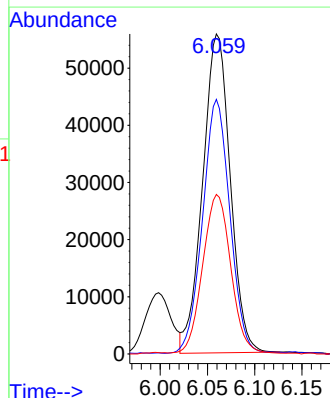
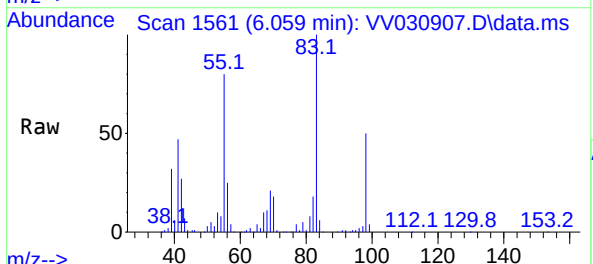
Ion	Ratio	Lower	Upper
95	100		
97	66.0	45.8	85.2
132	105.3	70.6	131.2
130	107.2	70.9	131.7

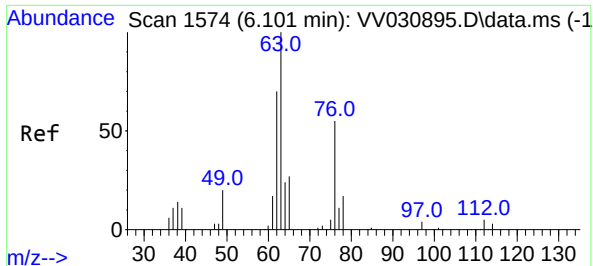


#35
Methylcyclohexane
Concen: 37.648 ug/L
RT: 6.059 min Scan# 1561
Delta R.T. 0.003 min
Lab File: VV030907.D
Acq: 27 Apr 2023 17:37

Tgt Ion: 83 Resp: 113262

Ion	Ratio	Lower	Upper
83	100		
55	79.1	65.5	98.3
98	50.8	38.7	58.1

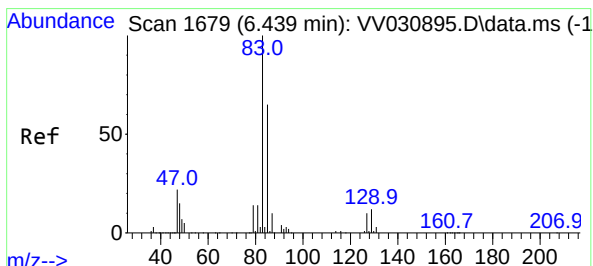
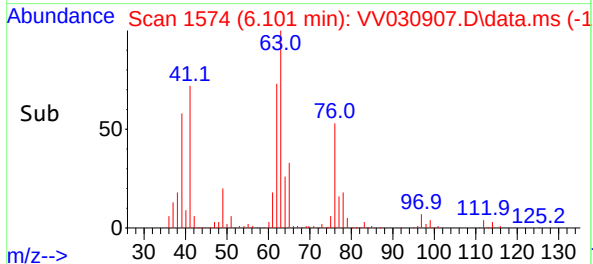
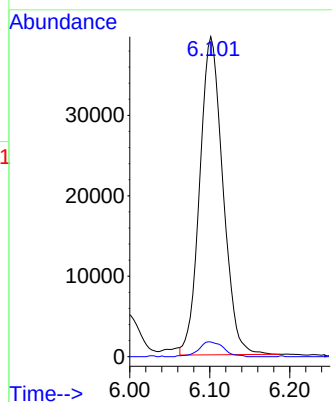
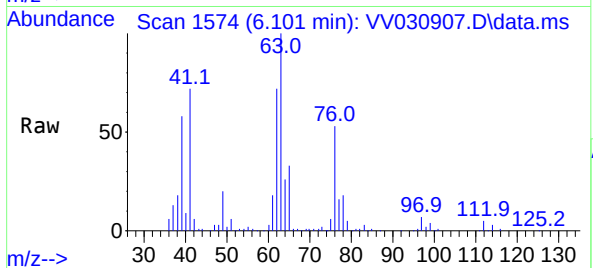




#37
1,2-Dichloropropane
Concen: 40.149 ug/L
RT: 6.101 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV030907.D
Acq: 27 Apr 2023 17:37

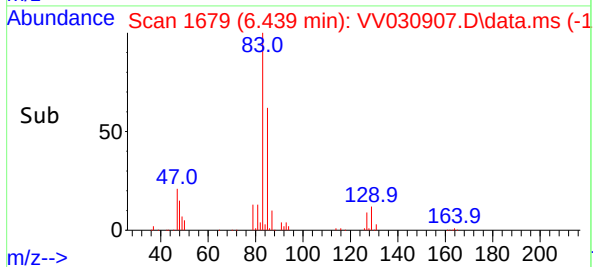
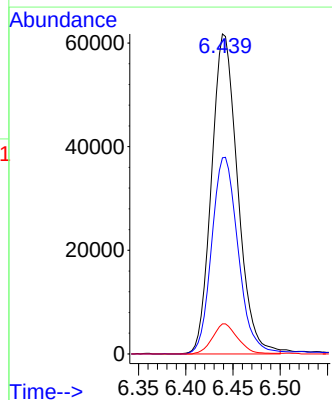
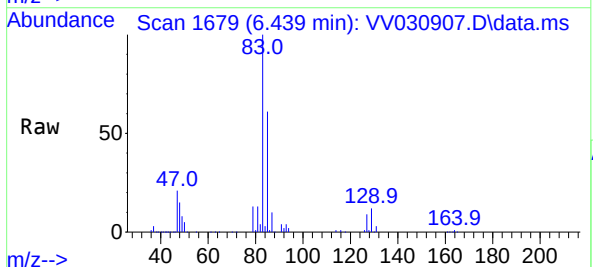
Instrument :
MSVOA_V
ClientSampleId :
EW937MEMS

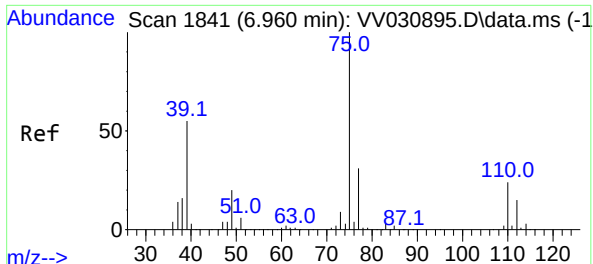
Tgt Ion: 63 Resp: 79766
Ion Ratio Lower Upper
63 100
112 5.1 3.8 5.8



#38
Bromodichloromethane
Concen: 42.569 ug/L
RT: 6.439 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VV030907.D
Acq: 27 Apr 2023 17:37

Tgt Ion: 83 Resp: 118805
Ion Ratio Lower Upper
83 100
85 61.3 45.4 84.4
127 9.4 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 39.599 ug/L

RT: 6.960 min Scan# 1841

Delta R.T. 0.000 min

Lab File: VV030907.D

Acq: 27 Apr 2023 17:37

Instrument :

MSVOA_V

ClientSampleId :

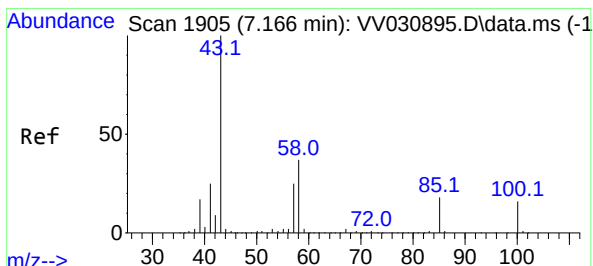
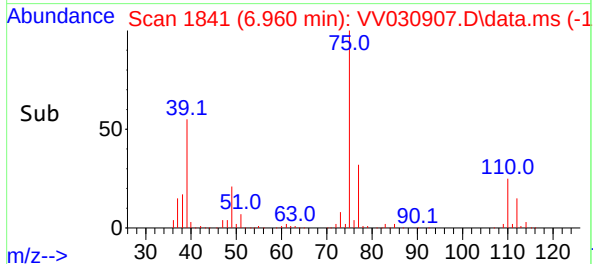
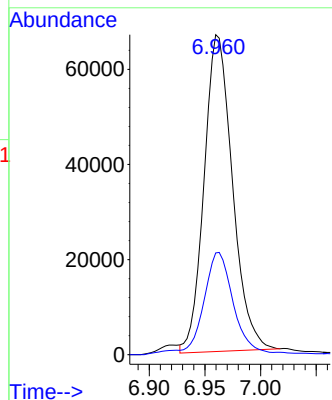
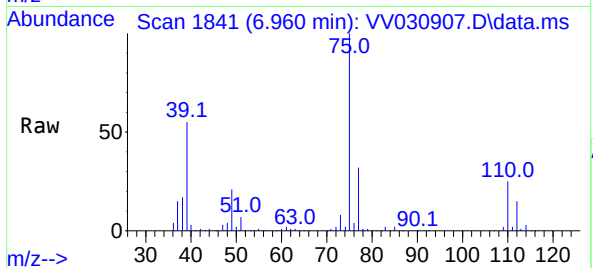
EW937MEMS

Tgt Ion: 75 Resp: 118080

Ion Ratio Lower Upper

75 100

77 31.8 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 88.063 ug/L

RT: 7.165 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VV030907.D

Acq: 27 Apr 2023 17:37

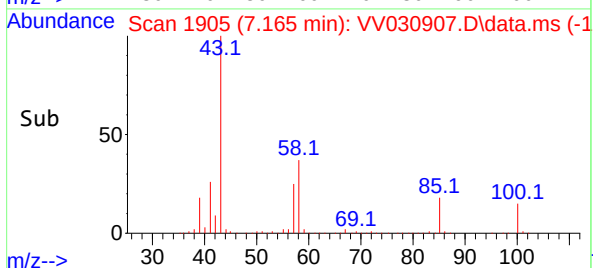
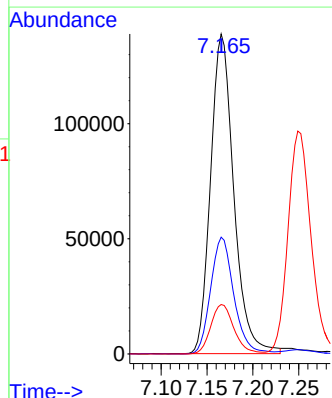
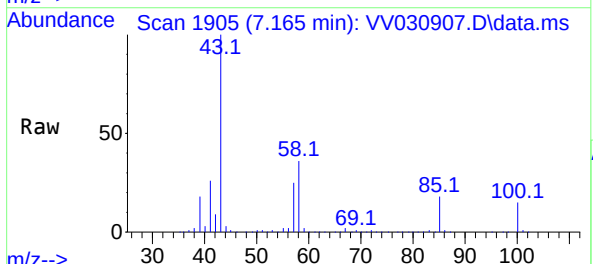
Tgt Ion: 43 Resp: 244400

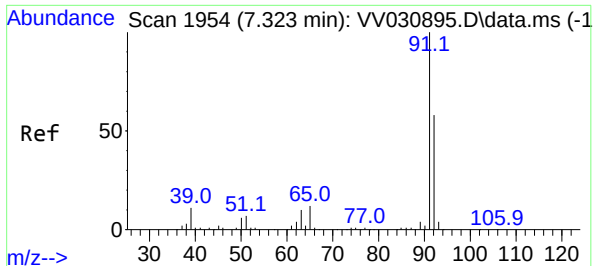
Ion Ratio Lower Upper

43 100

58 36.6 29.2 43.8

100 15.5 11.3 16.9

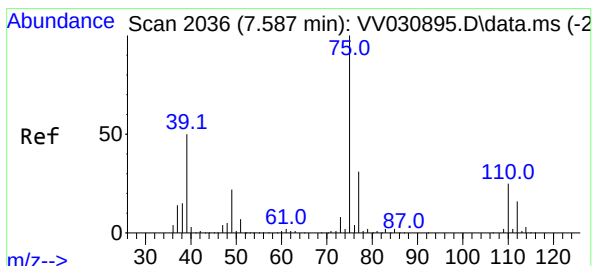
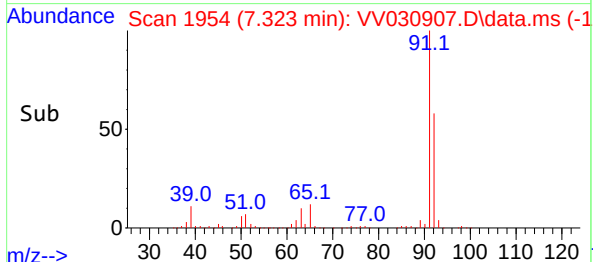
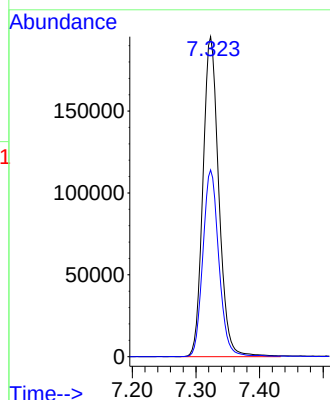
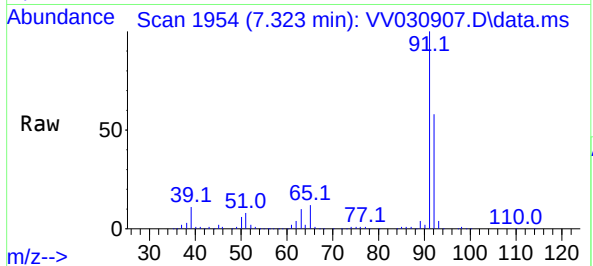




#42
Toluene
Concen: 42.883 ug/L
RT: 7.323 min Scan# 1954
Delta R.T. 0.003 min
Lab File: VV030907.D
Acq: 27 Apr 2023 17:37

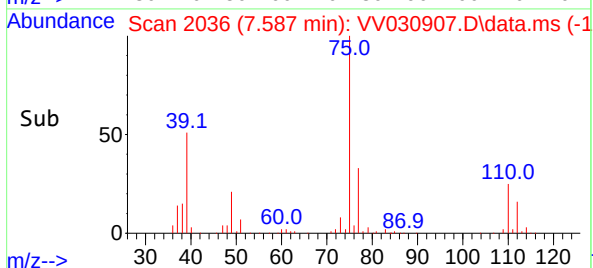
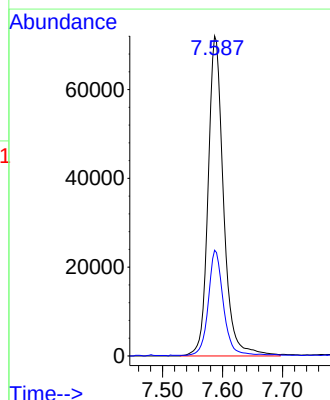
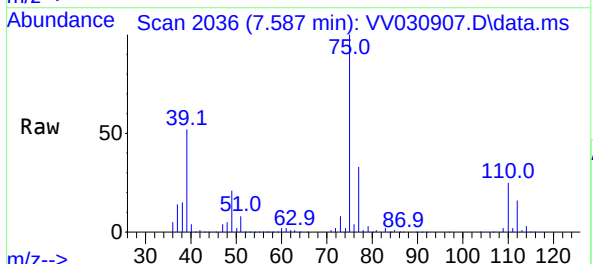
Instrument :
MSVOA_V
ClientSampleId :
EW937MEMS

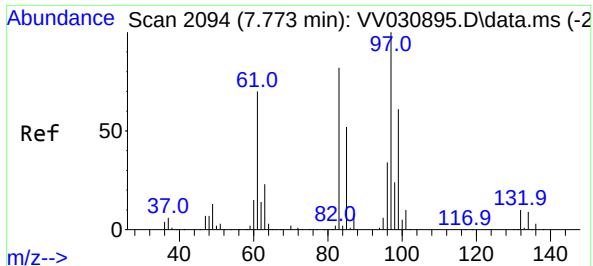
Tgt Ion: 91 Resp: 339048
Ion Ratio Lower Upper
91 100
92 58.3 39.8 73.8



#44
trans-1,3-Dichloropropene
Concen: 44.173 ug/L
RT: 7.587 min Scan# 2036
Delta R.T. 0.000 min
Lab File: VV030907.D
Acq: 27 Apr 2023 17:37

Tgt Ion: 75 Resp: 129407
Ion Ratio Lower Upper
75 100
77 33.0 22.1 41.1



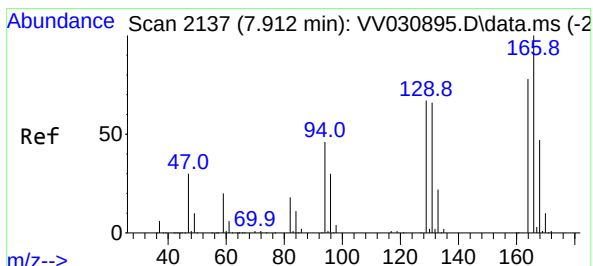
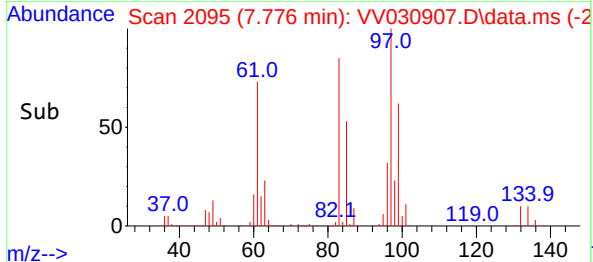
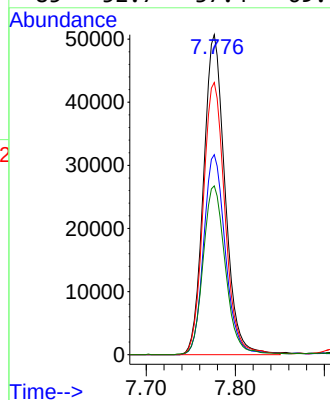
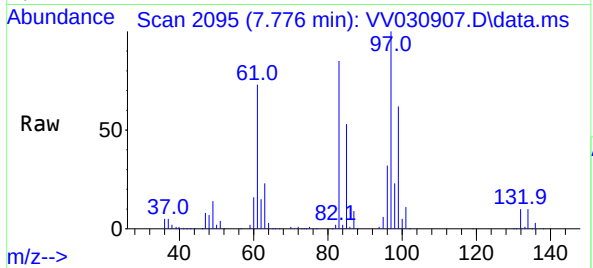


#45
1,1,2-Trichloroethane
Concen: 42.615 ug/L
RT: 7.776 min Scan# 2094
Delta R.T. 0.003 min
Lab File: VV030907.D
Acq: 27 Apr 2023 17:37

Instrument :
MSVOA_V
ClientSampleId :
EW937MEMS

Tgt Ion: 97 Resp: 84898

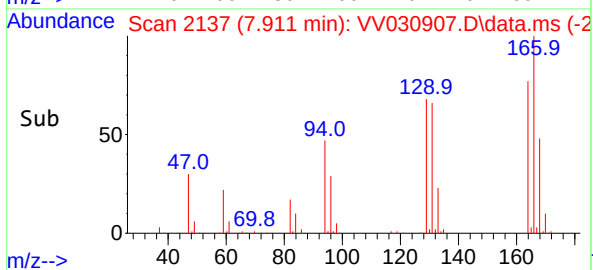
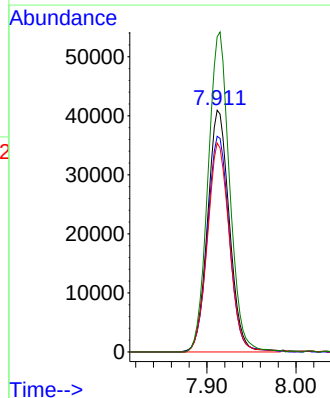
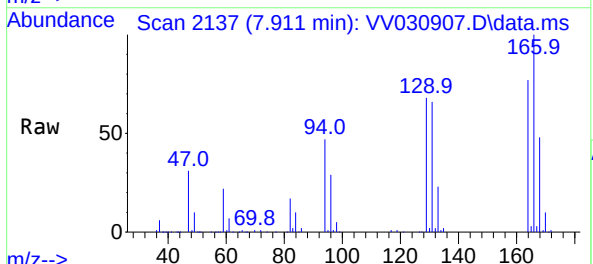
Ion	Ratio	Lower	Upper
97	100		
99	62.5	43.8	81.4
83	85.1	59.6	110.6
85	52.7	37.4	69.4

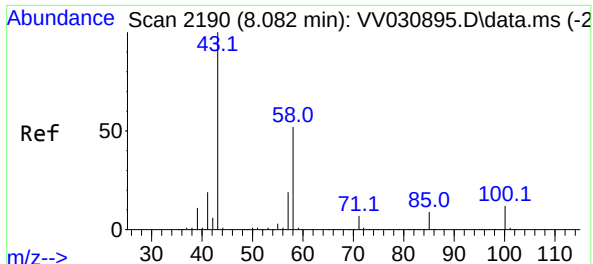


#46
Tetrachloroethene
Concen: 41.465 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VV030907.D
Acq: 27 Apr 2023 17:37

Tgt Ion: 164 Resp: 69685

Ion	Ratio	Lower	Upper
164	100		
129	89.2	63.8	118.6
131	86.4	60.3	111.9
166	130.4	89.5	166.1





#48

2-Hexanone

Concen: 87.507 ug/L

RT: 8.082 min Scan# 2190

Delta R.T. 0.000 min

Lab File: VV030907.D

Acq: 27 Apr 2023 17:37

Instrument :

MSVOA_V

ClientSampleId :

EW937MEMS

Tgt Ion: 43 Resp: 200384

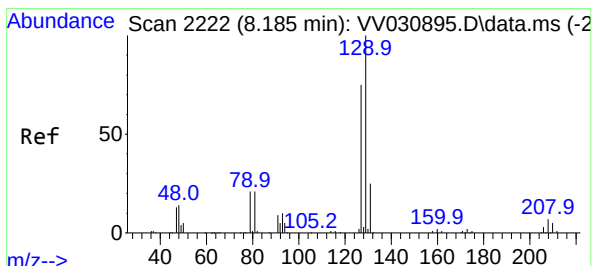
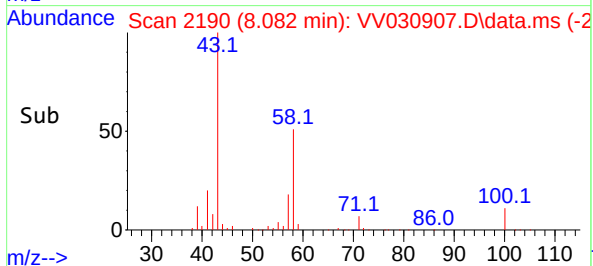
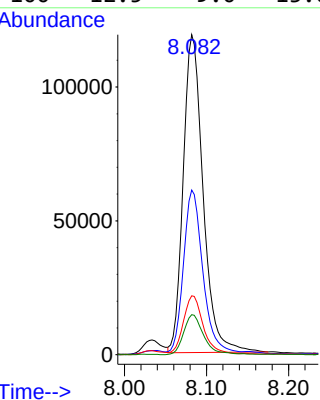
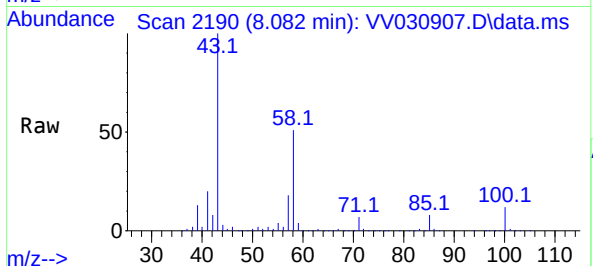
Ion Ratio Lower Upper

43 100

58 49.2 41.4 62.0

57 18.3 14.9 22.3

100 12.5 9.0 13.6



#49

Dibromochloromethane

Concen: 42.635 ug/L

RT: 8.185 min Scan# 2222

Delta R.T. 0.003 min

Lab File: VV030907.D

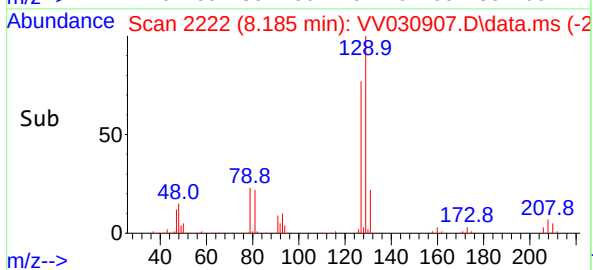
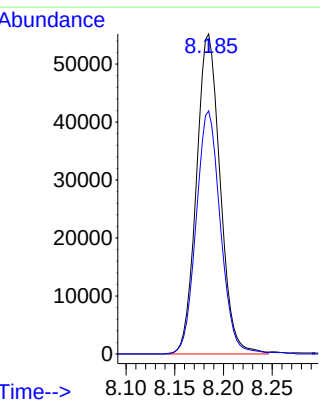
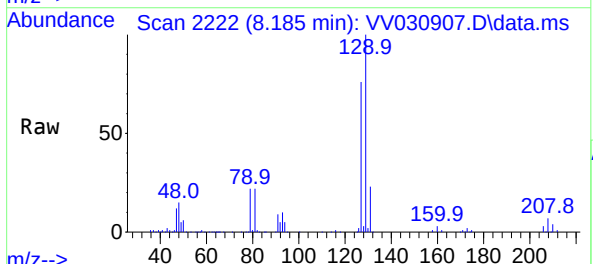
Acq: 27 Apr 2023 17:37

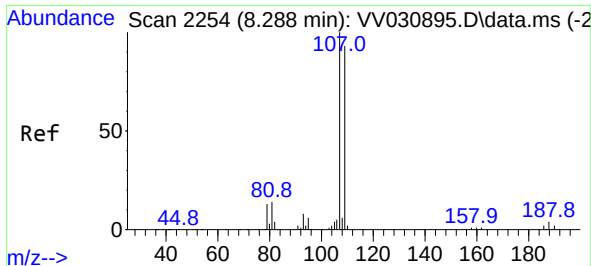
Tgt Ion: 129 Resp: 93689

Ion Ratio Lower Upper

129 100

127 76.0 52.8 98.2

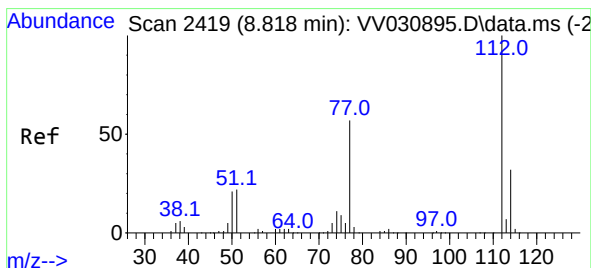
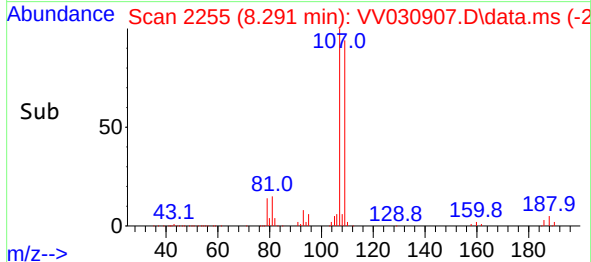
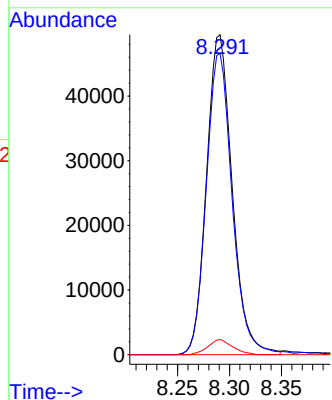
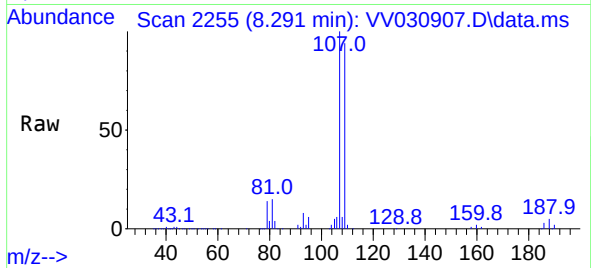




#50
1,2-Dibromoethane
Concen: 41.239 ug/L
RT: 8.291 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV030907.D
Acq: 27 Apr 2023 17:37

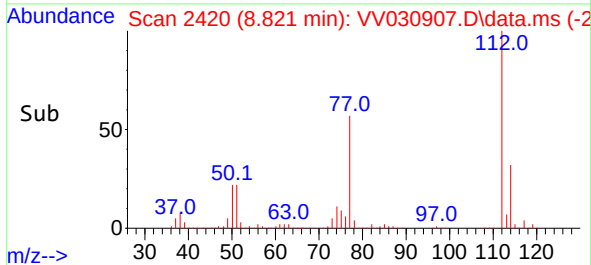
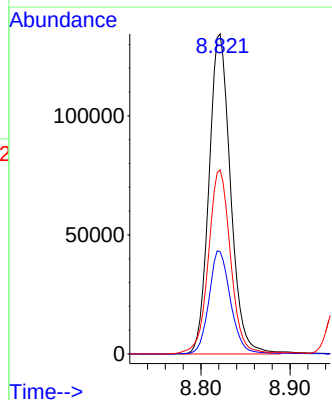
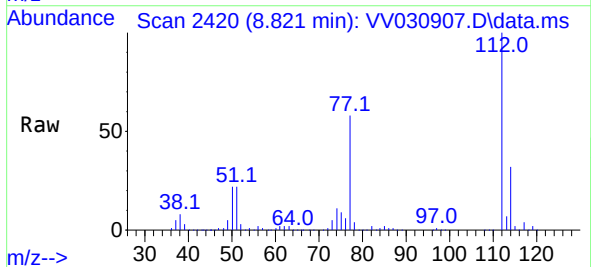
Instrument :
MSVOA_V
ClientSampleId :
EW937MEMS

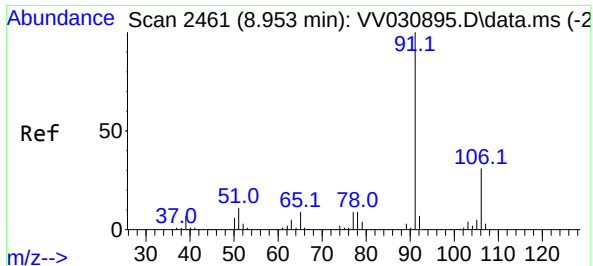
Tgt Ion:107 Resp: 85126
Ion Ratio Lower Upper
107 100
109 94.2 65.7 121.9
188 4.7 3.2 4.8



#51
Chlorobenzene
Concen: 43.092 ug/L
RT: 8.821 min Scan# 2420
Delta R.T. 0.003 min
Lab File: VV030907.D
Acq: 27 Apr 2023 17:37

Tgt Ion:112 Resp: 225639
Ion Ratio Lower Upper
112 100
114 32.0 22.4 41.6
77 57.5 47.4 71.0

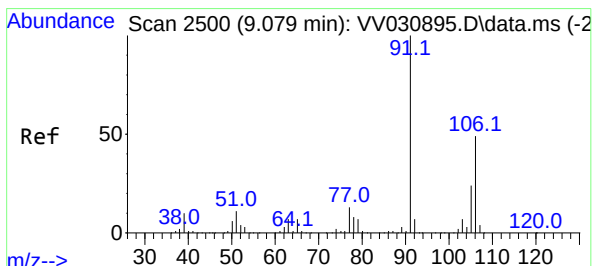
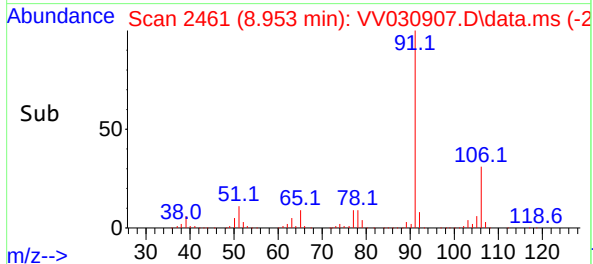
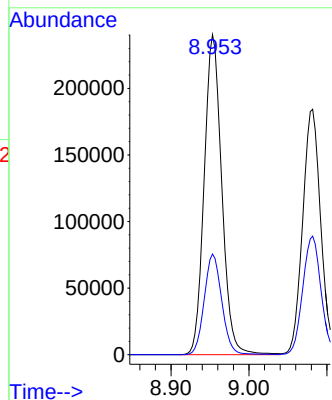
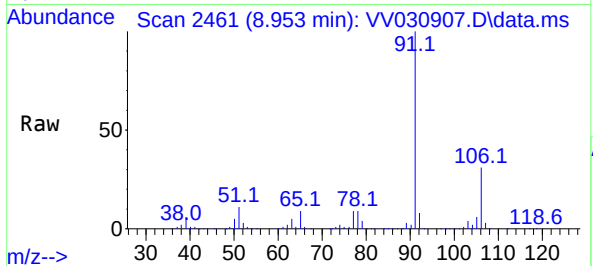




#52
Ethylbenzene
Concen: 43.053 ug/L
RT: 8.953 min Scan# 2461
Delta R.T. 0.000 min
Lab File: VV030907.D
Acq: 27 Apr 2023 17:37

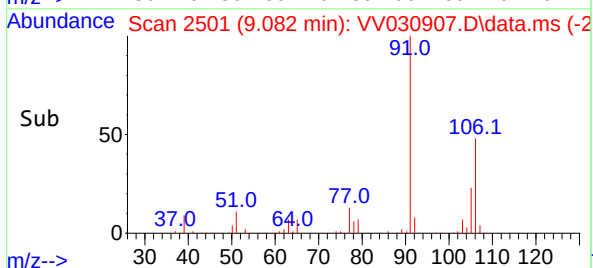
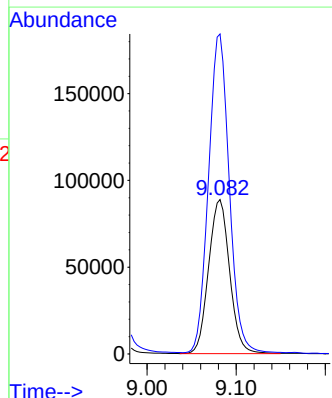
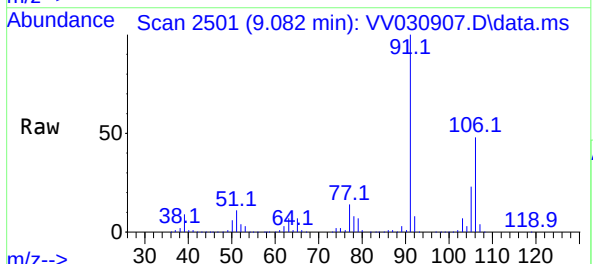
Instrument :
MSVOA_V
ClientSampleId :
EW937MEMS

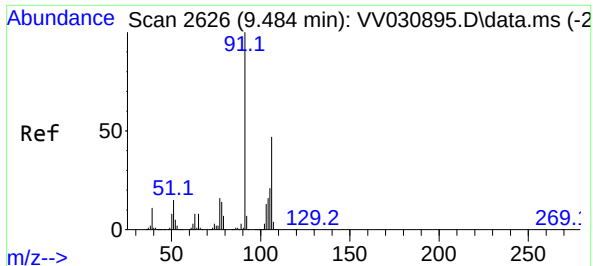
Tgt Ion: 91 Resp: 376829
Ion Ratio Lower Upper
91 100
106 31.4 21.8 40.4



#53
m,p-Xylene
Concen: 43.958 ug/L
RT: 9.082 min Scan# 2501
Delta R.T. 0.003 min
Lab File: VV030907.D
Acq: 27 Apr 2023 17:37

Tgt Ion: 106 Resp: 145331
Ion Ratio Lower Upper
106 100
91 207.2 144.7 268.7

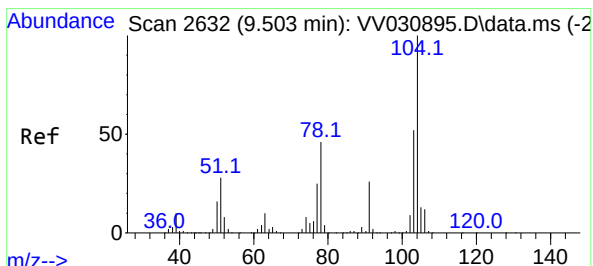
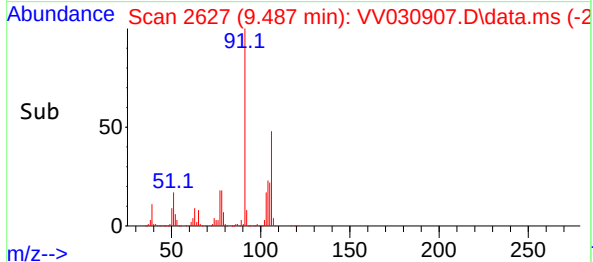
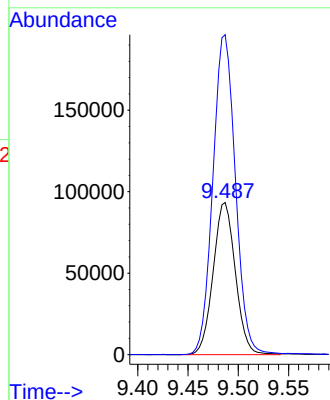
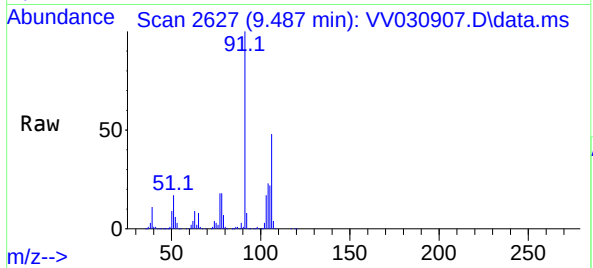




#54
o-Xylene
Concen: 44.435 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. 0.003 min
Lab File: VV030907.D
Acq: 27 Apr 2023 17:37

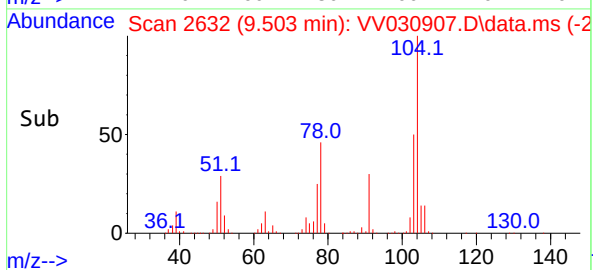
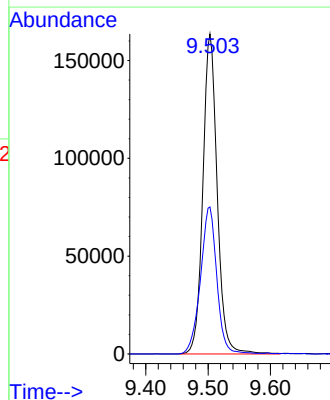
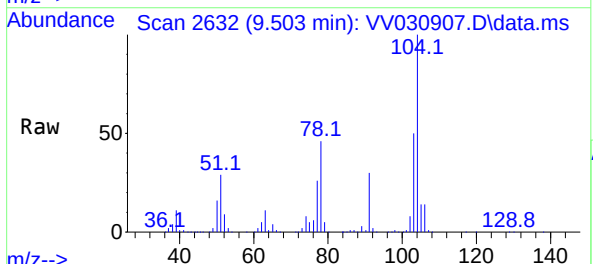
Instrument :
MSVOA_V
ClientSampleId :
EW937MEMS

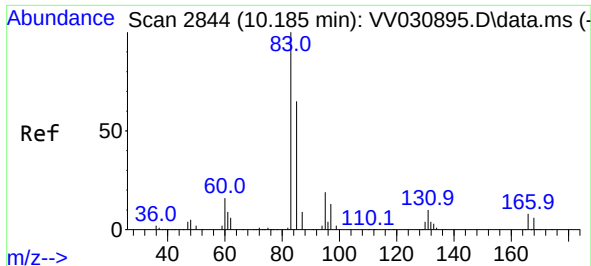
Tgt Ion:106 Resp: 143719
Ion Ratio Lower Upper
106 100
91 210.3 152.6 283.4



#55
Styrene
Concen: 46.080 ug/L
RT: 9.503 min Scan# 2632
Delta R.T. 0.000 min
Lab File: VV030907.D
Acq: 27 Apr 2023 17:37

Tgt Ion:104 Resp: 261800
Ion Ratio Lower Upper
104 100
78 46.0 32.3 59.9

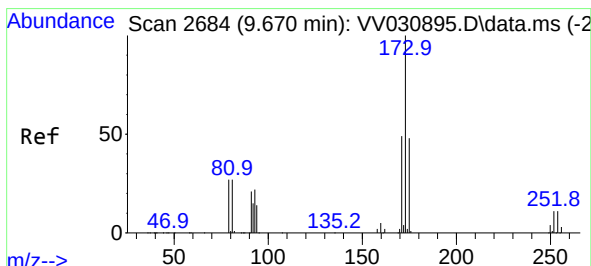
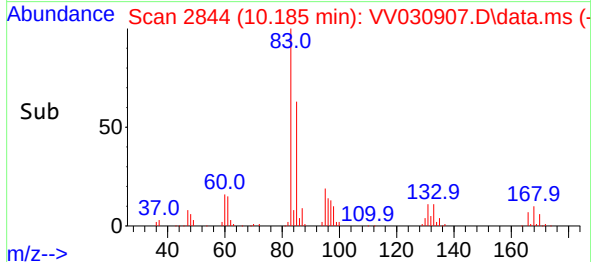
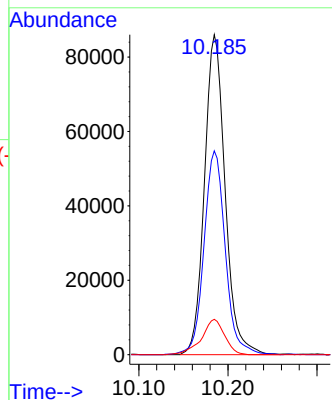
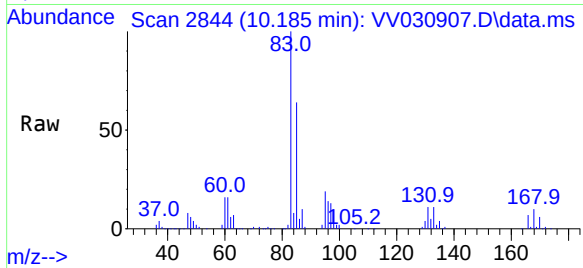




#57
1,1,2,2-Tetrachloroethane
Concen: 42.365 ug/L
RT: 10.185 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV030907.D
Acq: 27 Apr 2023 17:37

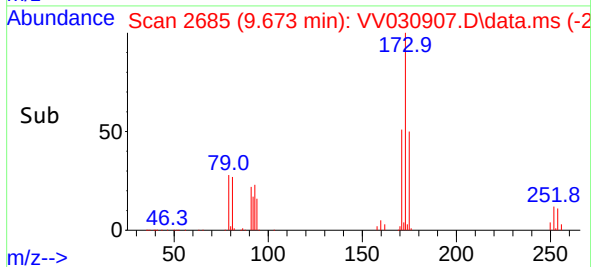
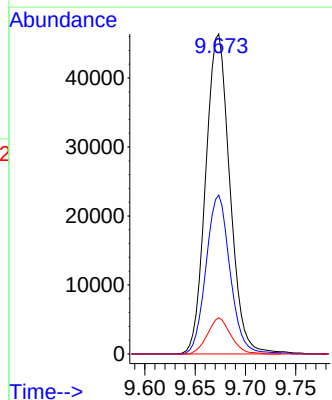
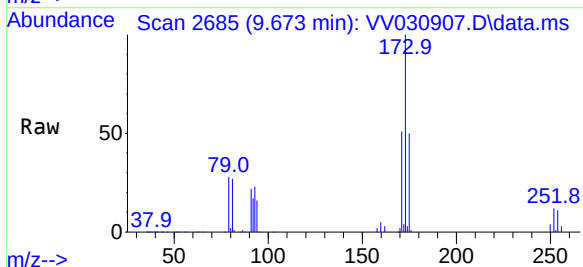
Instrument :
MSVOA_V
ClientSampleId :
EW937MEMS

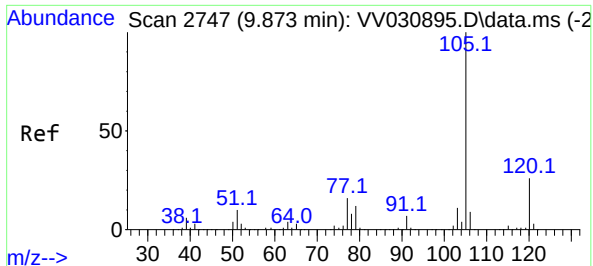
Tgt Ion: 83 Resp: 138572
Ion Ratio Lower Upper
83 100
85 63.7 45.1 83.7
131 11.0 8.0 12.0



#59
Bromoform
Concen: 40.647 ug/L
RT: 9.673 min Scan# 2685
Delta R.T. 0.003 min
Lab File: VV030907.D
Acq: 27 Apr 2023 17:37

Tgt Ion: 173 Resp: 77607
Ion Ratio Lower Upper
173 100
175 49.4 38.8 58.2
254 10.9 8.2 12.4

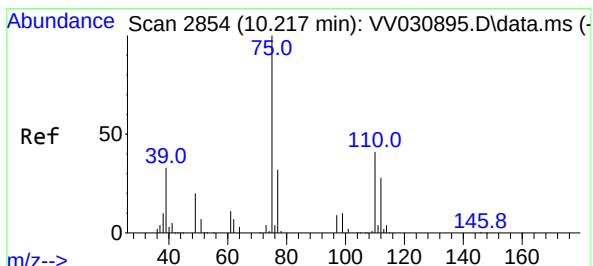
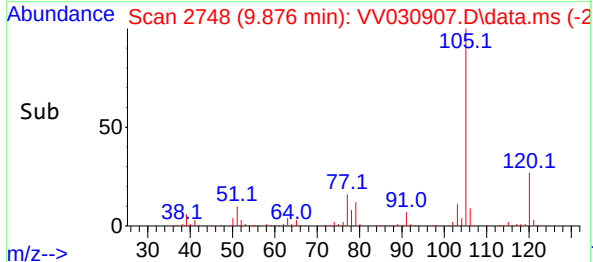
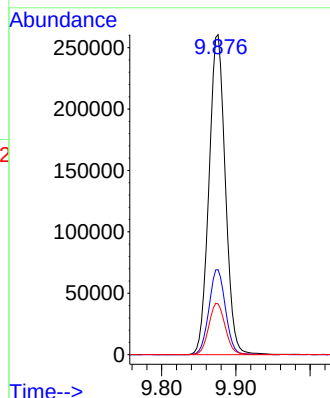
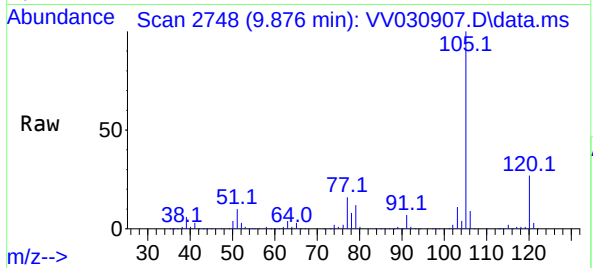




#60
Isopropylbenzene
Concen: 41.781 ug/L
RT: 9.876 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV030907.D
Acq: 27 Apr 2023 17:37

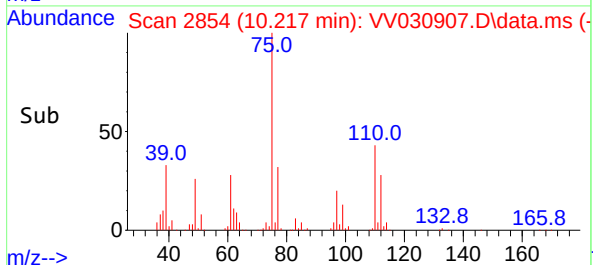
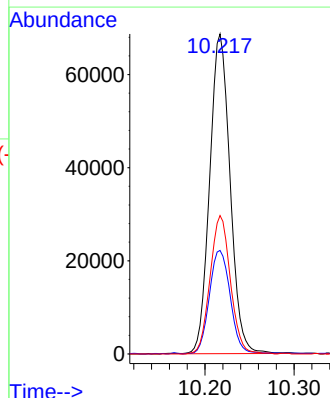
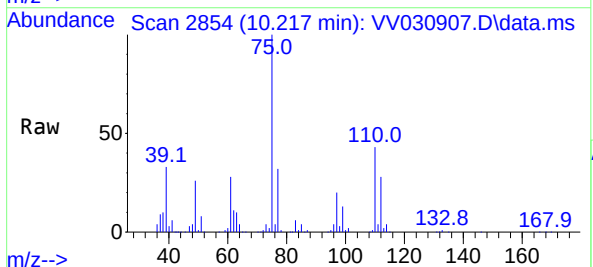
Instrument :
MSVOA_V
ClientSampleId :
EW937MEMS

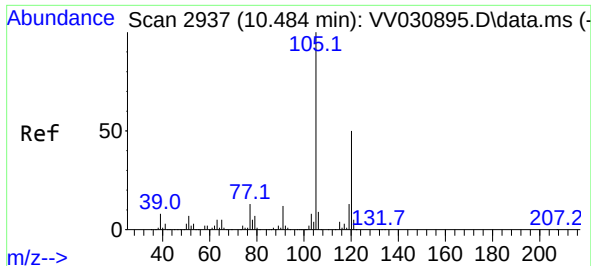
Tgt Ion:105 Resp: 397361
Ion Ratio Lower Upper
105 100
120 26.8 20.9 31.3
77 16.3 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 39.978 ug/L
RT: 10.217 min Scan# 2854
Delta R.T. 0.000 min
Lab File: VV030907.D
Acq: 27 Apr 2023 17:37

Tgt Ion: 75 Resp: 109192
Ion Ratio Lower Upper
75 100
77 33.3 25.7 38.5
110 43.0 32.8 49.2

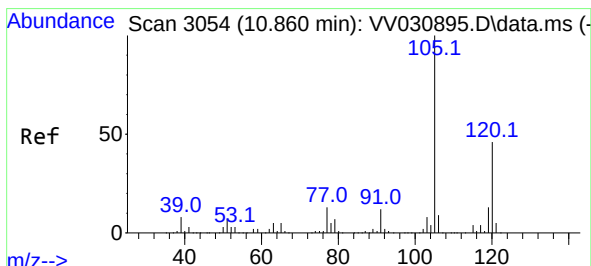
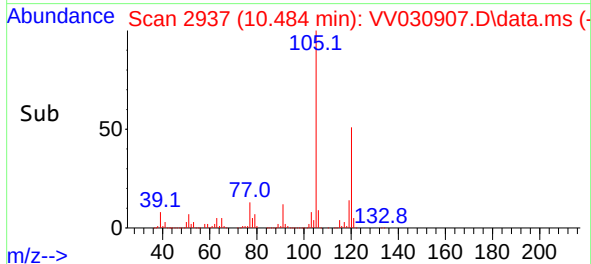
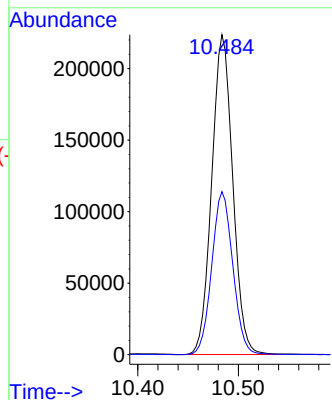
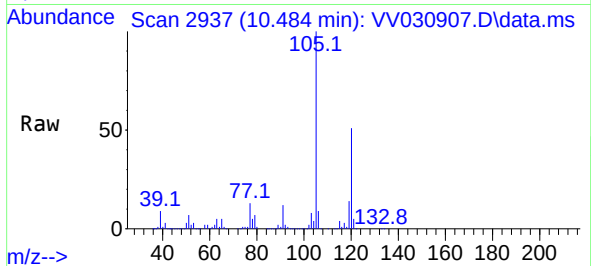




#62
1,3,5-Trimethylbenzene
Concen: 41.462 ug/L
RT: 10.484 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VV030907.D
Acq: 27 Apr 2023 17:37

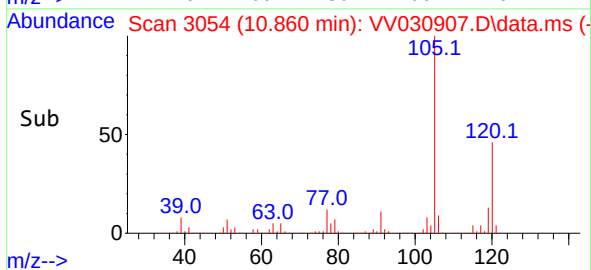
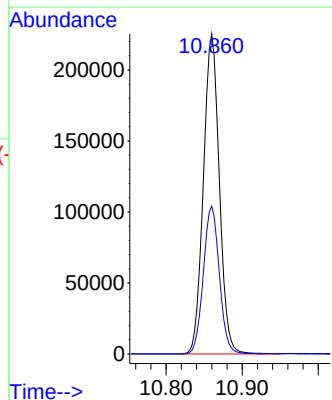
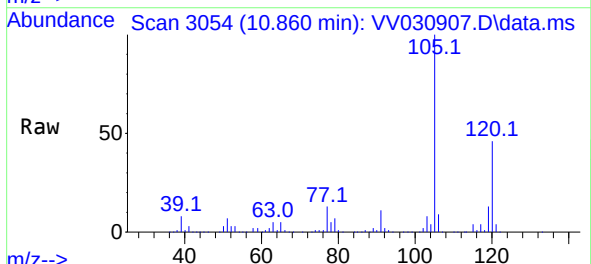
Instrument :
MSVOA_V
ClientSampleId :
EW937MEMS

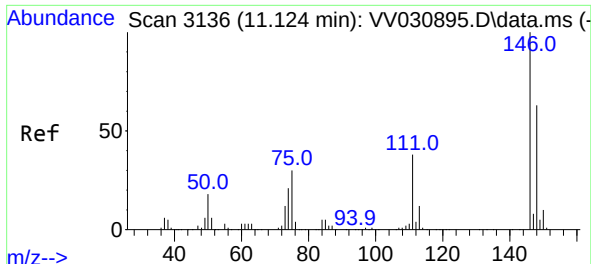
Tgt Ion:105 Resp: 324671
Ion Ratio Lower Upper
105 100
120 51.2 39.2 58.8



#63
1,2,4-Trimethylbenzene
Concen: 42.031 ug/L
RT: 10.860 min Scan# 3054
Delta R.T. 0.000 min
Lab File: VV030907.D
Acq: 27 Apr 2023 17:37

Tgt Ion:105 Resp: 328619
Ion Ratio Lower Upper
105 100
120 46.3 36.2 54.4

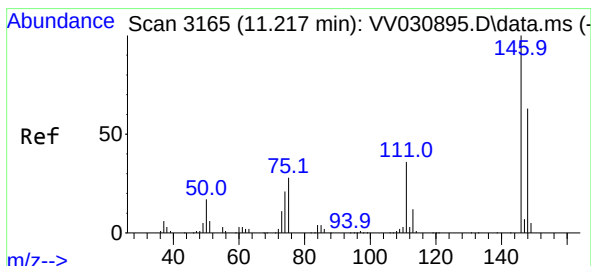
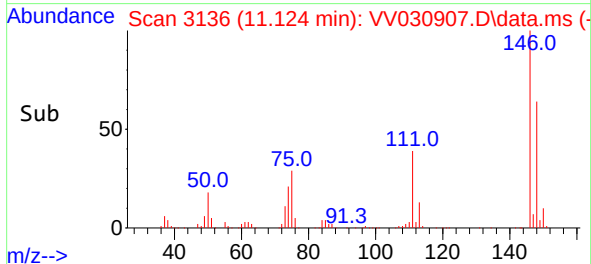
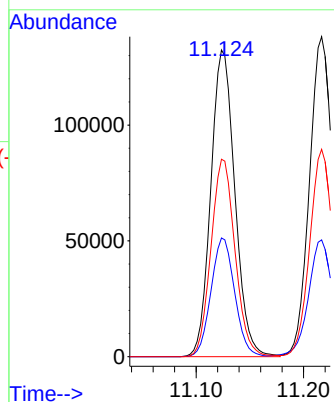
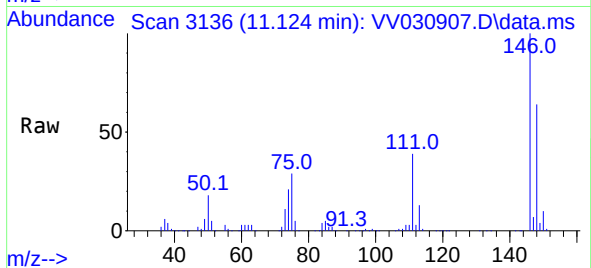




#64
1,3-Dichlorobenzene
Concen: 43.234 ug/L
RT: 11.124 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VV030907.D
Acq: 27 Apr 2023 17:37

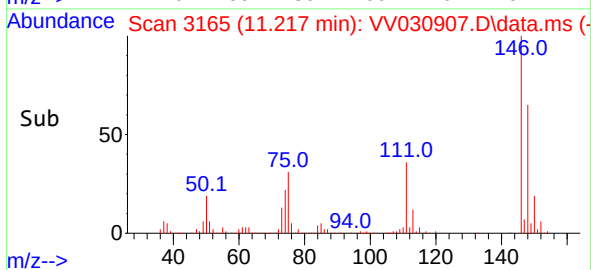
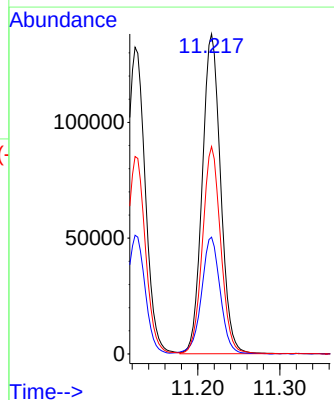
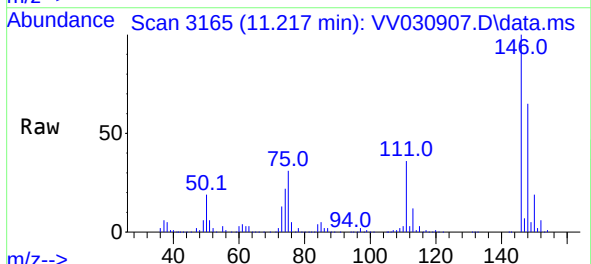
Instrument :
MSVOA_V
ClientSampleId :
EW937MEMS

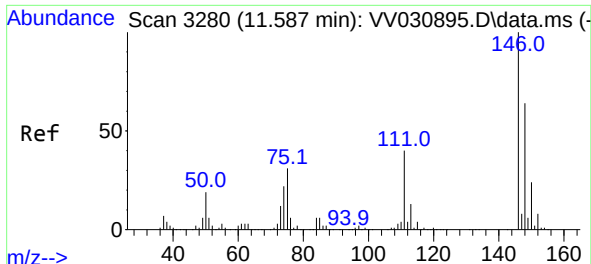
Tgt Ion:146 Resp: 205861
Ion Ratio Lower Upper
146 100
111 38.7 27.0 50.2
148 64.4 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 42.753 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. 0.000 min
Lab File: VV030907.D
Acq: 27 Apr 2023 17:37

Tgt Ion:146 Resp: 214662
Ion Ratio Lower Upper
146 100
111 36.5 26.5 49.1
148 64.8 44.7 83.1

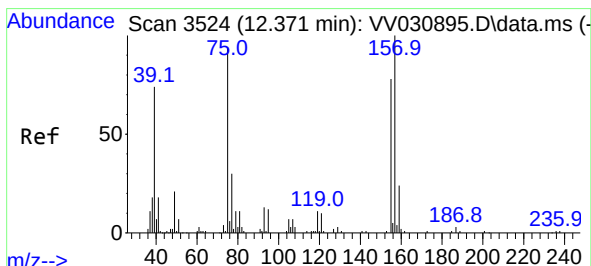
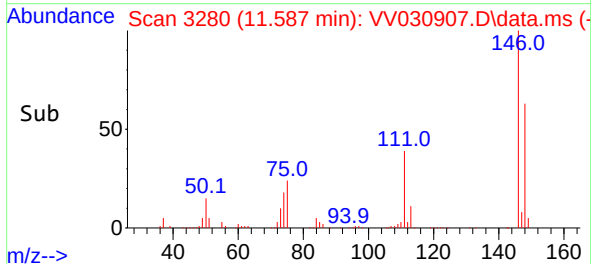
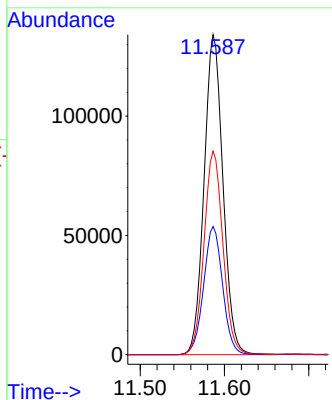
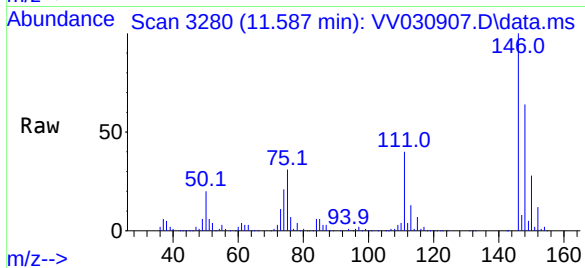




#67
1,2-Dichlorobenzene
Concen: 43.644 ug/L
RT: 11.587 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV030907.D
Acq: 27 Apr 2023 17:37

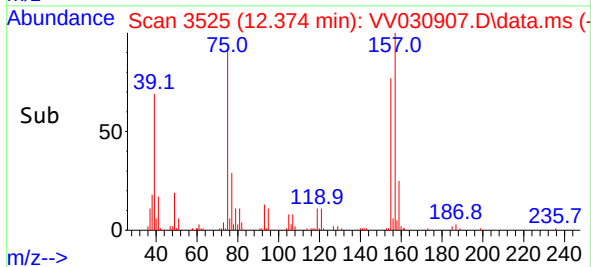
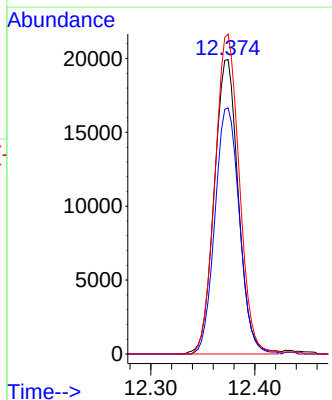
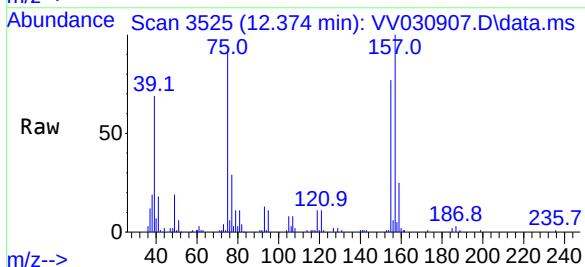
Instrument :
MSVOA_V
ClientSampleId :
EW937MEMS

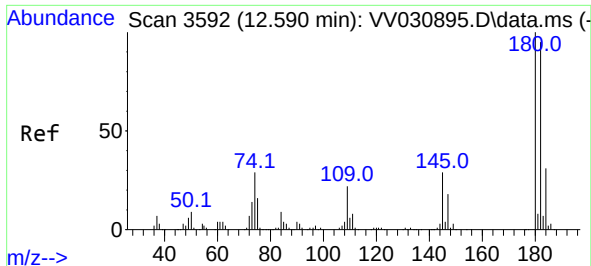
Tgt Ion:146 Resp: 209649
Ion Ratio Lower Upper
146 100
111 40.1 32.0 48.0
148 63.6 50.6 76.0



#68
1,2-Dibromo-3-chloropropane
Concen: 39.722 ug/L
RT: 12.374 min Scan# 3525
Delta R.T. 0.003 min
Lab File: VV030907.D
Acq: 27 Apr 2023 17:37

Tgt Ion: 75 Resp: 32144
Ion Ratio Lower Upper
75 100
155 83.6 65.0 97.6
157 108.7 84.4 126.6





#69

1,3,5-Trichlorobenzene

Concen: 43.510 ug/L

RT: 12.590 min Scan# 3592

Delta R.T. 0.000 min

Lab File: VV030907.D

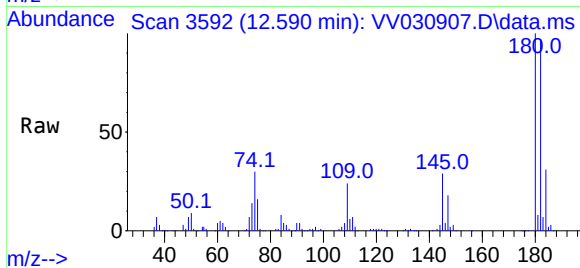
Acq: 27 Apr 2023 17:37

Instrument :

MSVOA_V

ClientSampleId :

EW937MEMS



Tgt Ion:180 Resp: 156501

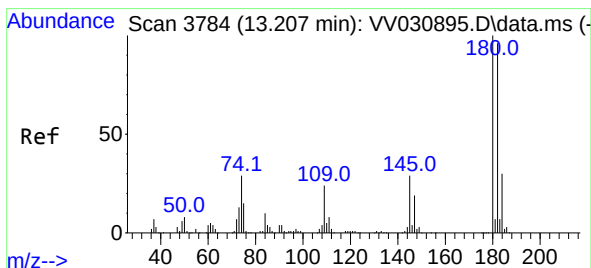
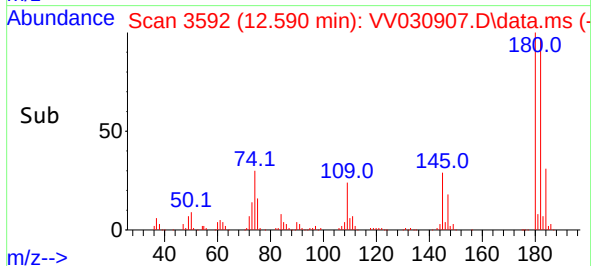
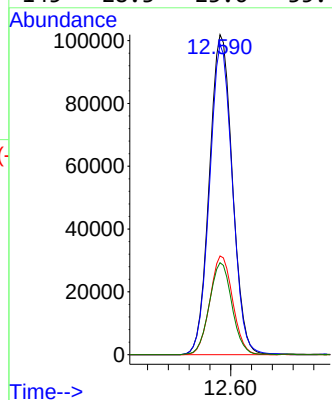
Ion Ratio Lower Upper

180 100

182 96.2 76.4 114.6

184 30.6 24.1 36.1

145 28.3 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 44.987 ug/L

RT: 13.207 min Scan# 3784

Delta R.T. 0.000 min

Lab File: VV030907.D

Acq: 27 Apr 2023 17:37

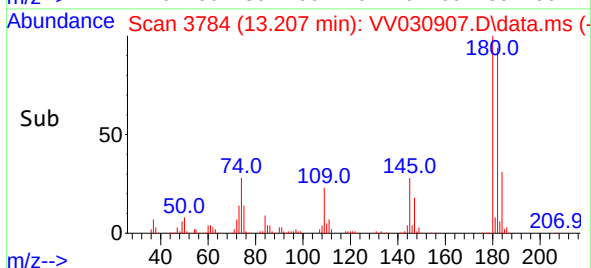
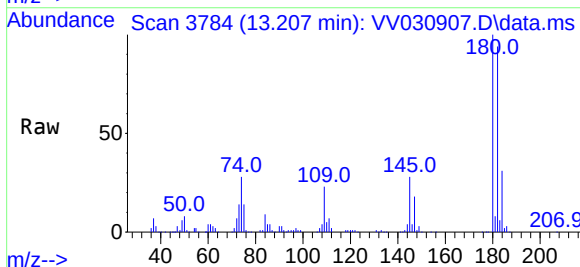
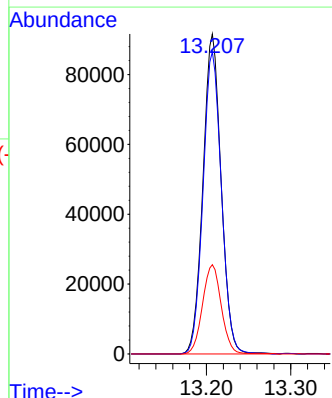
Tgt Ion:180 Resp: 137391

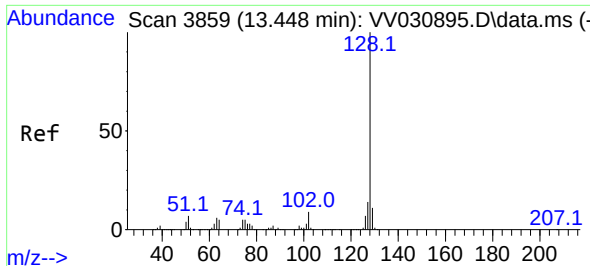
Ion Ratio Lower Upper

180 100

182 95.5 75.9 113.9

145 28.8 23.4 35.2



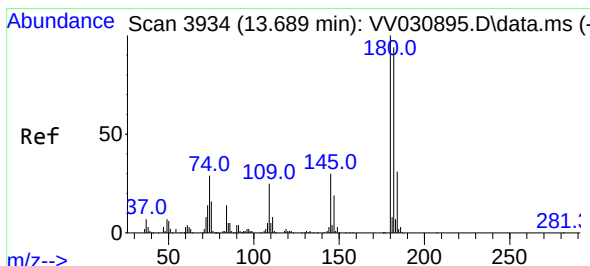
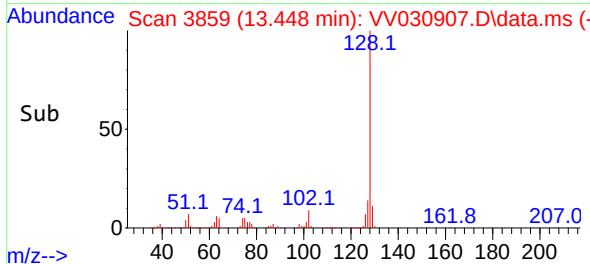
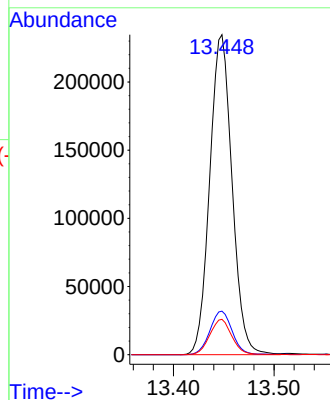
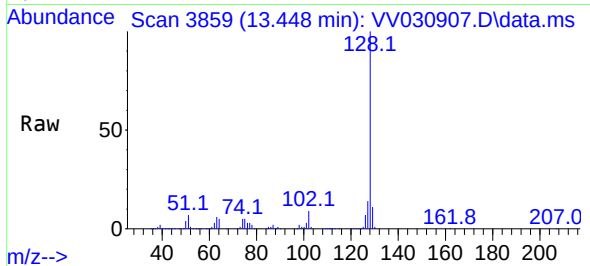


#71
Naphthalene
Concen: 43.324 ug/L
RT: 13.448 min Scan# 3859
Delta R.T. 0.000 min
Lab File: VV030907.D
Acq: 27 Apr 2023 17:37

Instrument :
MSVOA_V
ClientSampleId :
EW937MEMS

Tgt Ion:128 Resp: 361937

Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.7	16.1
129	10.9	8.6	13.0



#72
1,2,3-Trichlorobenzene
Concen: 46.163 ug/L
RT: 13.689 min Scan# 3934
Delta R.T. 0.000 min
Lab File: VV030907.D
Acq: 27 Apr 2023 17:37

Tgt Ion:180 Resp: 139796

Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.2	114.4
145	30.1	25.1	37.7

