

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW081624\
 Data File : VW036962.D
 Acq On : 16 Aug 2024 17:48
 Operator : SY/MD
 Sample : P3648-08MS
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 JAAS5MS

Quant Time: Aug 16 23:10:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 16 23:06:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	605380	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	589124	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	299312	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	223629	46.250	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	92.500%		
7) Chloroethane-d5	1.529	69	183737	48.186	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	96.380%		
11) 1,1-Dichloroethene-d2	2.056	65	101471	49.060	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	98.120%		
21) 2-Butanone-d5	3.799	46	233619	91.191	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	91.190%		
24) Chloroform-d	4.243	84	440024	50.711	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.420%		
26) 1,2-Dichloroethane-d4	4.937	65	274134	49.137	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.280%		
32) Benzene-d6	4.953	84	866333	48.688	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.380%		
36) 1,2-Dichloropropane-d6	5.985	67	277045	48.261	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.520%		
41) Toluene-d8	7.239	98	789234	48.353	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.700%		
43) trans-1,3-Dichloroprop...	7.551	79	125663	42.063	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	84.120%		
47) 2-Hexanone-d5	8.027	63	165535	100.290	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	100.290%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	339002	51.432	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	102.860%		
66) 1,2-Dichlorobenzene-d4	11.557	152	291499	47.793	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.580%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	248681	51.519	ug/L	99
3) Chloromethane	1.217	50	262052	51.875	ug/L	98
5) Vinyl chloride	1.281	62	268704	51.796	ug/L	97
6) Bromomethane	1.484	94	163960	50.199	ug/L	98
8) Chloroethane	1.548	64	166400	51.783	ug/L	100
9) Trichlorofluoromethane	1.712	101	356347	52.442	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	210828	52.654	ug/L	99
12) 1,1-Dichloroethene	2.066	96	195667	51.167	ug/L	91
13) Acetone	2.114	43	189591	88.451	ug/L	100
14) Carbon disulfide	2.236	76	515168	42.886	ug/L	98
15) Methyl Acetate	2.371	43	217780	49.321	ug/L	98
16) Methylene chloride	2.442	84	228450	53.139	ug/L	100
17) trans-1,2-Dichloroethene	2.686	96	206034	52.014	ug/L	99
18) Methyl tert-butyl Ether	2.706	73	718231	51.482	ug/L	99
19) 1,1-Dichloroethane	3.104	63	432079	53.990	ug/L	98
20) cis-1,2-Dichloroethene	3.809	96	240606	51.751	ug/L	95
22) 2-Butanone	3.879	43	284910	99.221	ug/L	99
23) Bromochloromethane	4.140	128	121248	53.687	ug/L	94
25) Chloroform	4.272	83	438040	53.291	ug/L	98

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 Response via : Initial Calibration

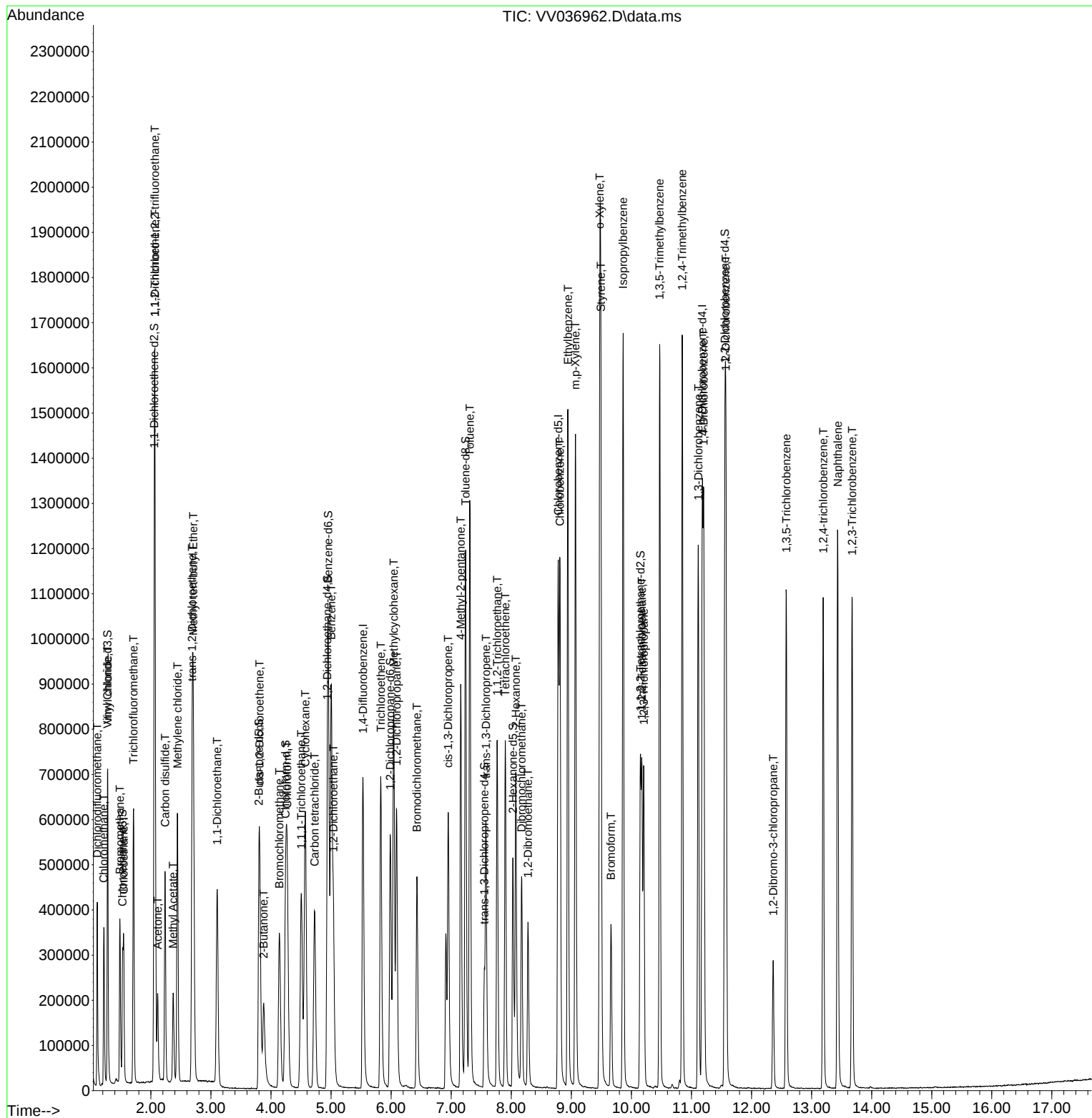
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	333229	51.395	ug/L	99
29) Cyclohexane	4.571	56	346395	46.148	ug/L	98
30) 1,1,1-Trichloroethane	4.506	97	358665	48.323	ug/L	99
31) Carbon tetrachloride	4.725	117	298420	47.875	ug/L	99
33) Benzene	5.005	78	901265	51.148	ug/L	100
34) Trichloroethene	5.828	95	246494	48.268	ug/L	96
35) Methylcyclohexane	6.043	83	353127	45.063	ug/L	98
37) 1,2-Dichloropropane	6.091	63	245382	52.568	ug/L	99
38) Bromodichloromethane	6.429	83	316080	49.172	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	370704	46.371	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	600686	103.882	ug/L	99
42) Toluene	7.310	91	940825	50.128	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	343025	46.047	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	238167	52.686	ug/L	99
46) Tetrachloroethene	7.902	164	162798	48.601	ug/L	99
48) 2-Hexanone	8.075	43	441065	103.684	ug/L	99
49) Dibromochloromethane	8.172	129	230375	49.592	ug/L	100
50) 1,2-Dibromoethane	8.278	107	244379	52.105	ug/L	99
51) Chlorobenzene	8.812	112	614462	51.025	ug/L	98
52) Ethylbenzene	8.943	91	1062566	49.583	ug/L	100
53) m,p-Xylene	9.069	106	389779	48.659	ug/L	95
54) o-Xylene	9.474	106	390081	49.789	ug/L	100
55) Styrene	9.493	104	688680	51.293	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.175	83	342553	56.160	ug/L	98
59) Bromoform	9.660	173	153657	46.405	ug/L	98
60) Isopropylbenzene	9.863	105	1068400	49.030	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	277688	51.537	ug/L	98
62) 1,3,5-Trimethylbenzene	10.471	105	853843	47.066	ug/L	98
63) 1,2,4-Trimethylbenzene	10.847	105	867158	47.750	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	472144	50.386	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	481391	50.519	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	467460	51.079	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.361	75	70116	45.032	ug/L	94
69) 1,3,5-Trichlorobenzene	12.580	180	325835	48.999	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	300598	47.132	ug/L	99
71) Naphthalene	13.435	128	973721	47.610	ug/L	100
72) 1,2,3-Trichlorobenzene	13.676	180	305768	48.978	ug/L	100

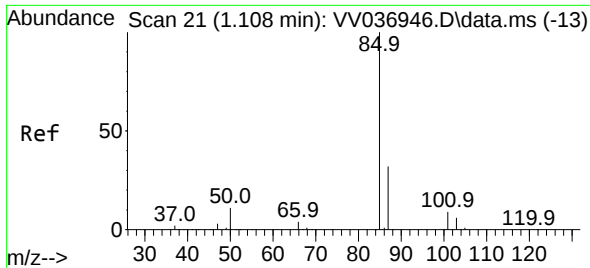
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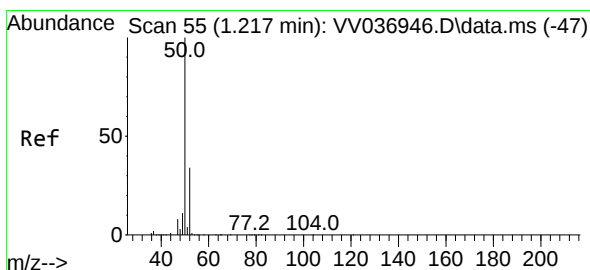
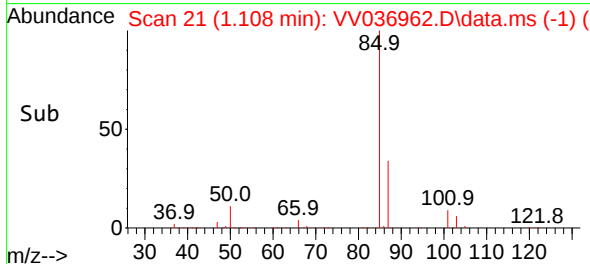
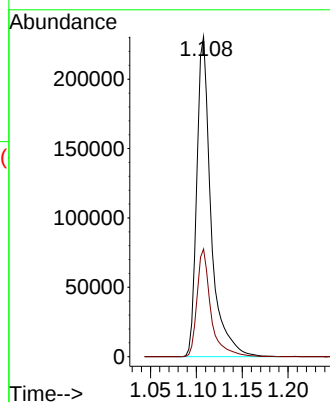
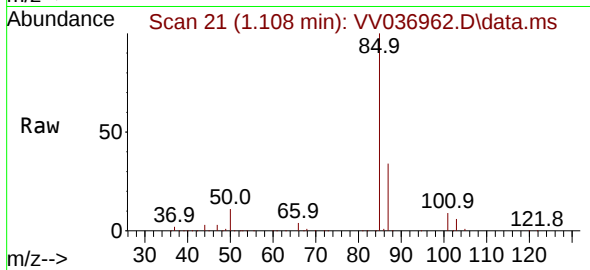




#2
 Dichlorodifluoromethane
 Concen: 51.519 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV036962.D
 Acq: 16 Aug 2024 17:48

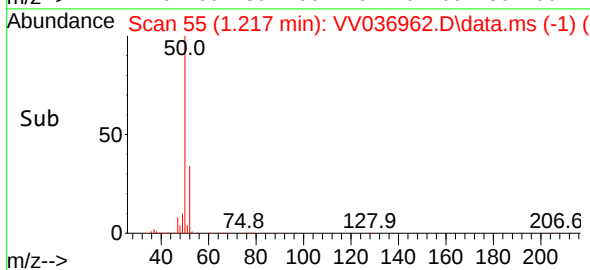
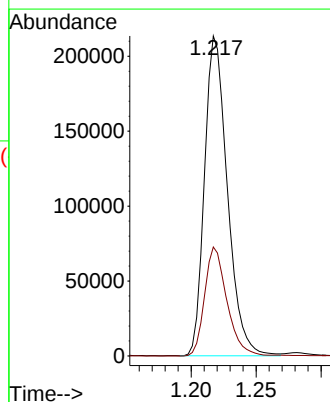
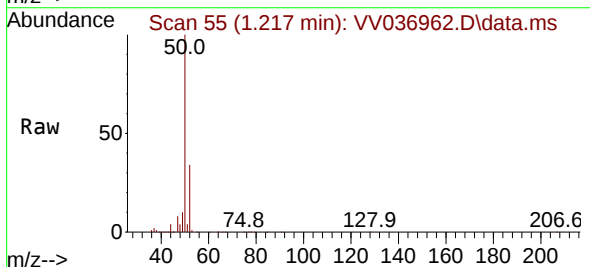
Instrument :
 MSVOA_V
 ClientSampleId :
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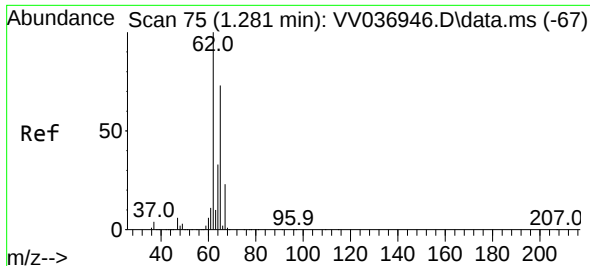
Tgt Ion: 85 Resp: 248681
 Ion Ratio Lower Upper
 85 100
 87 32.7 25.9 38.9



#3
 Chloromethane
 Concen: 51.875 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV036962.D
 Acq: 16 Aug 2024 17:48

Tgt Ion: 50 Resp: 262052
 Ion Ratio Lower Upper
 50 100
 52 34.1 23.0 42.8

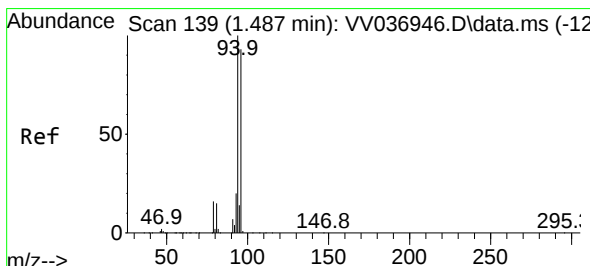
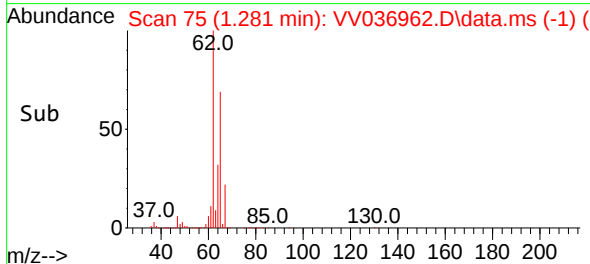
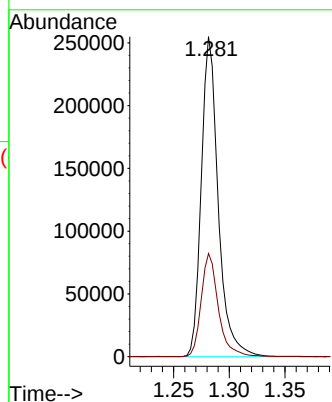
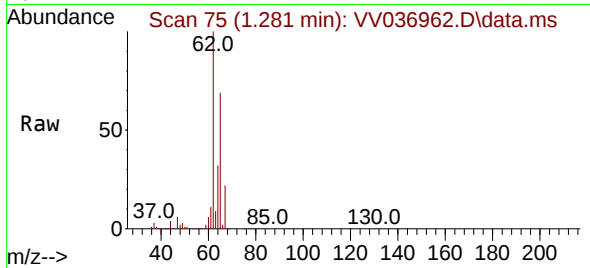




#5
 Vinyl chloride
 Concen: 51.796 ug/L
 RT: 1.281 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VV036962.D
 Acq: 16 Aug 2024 17:48

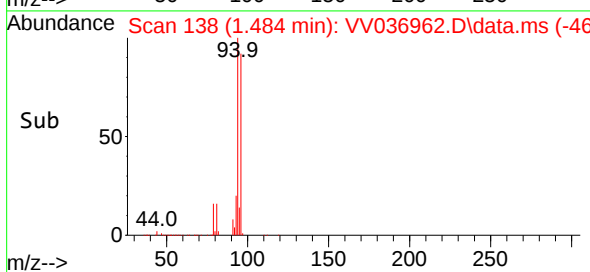
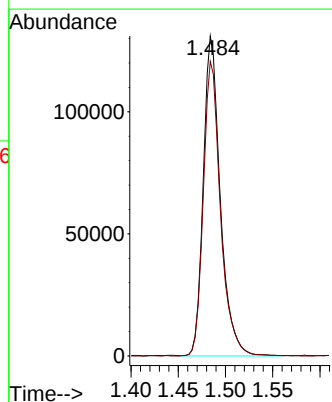
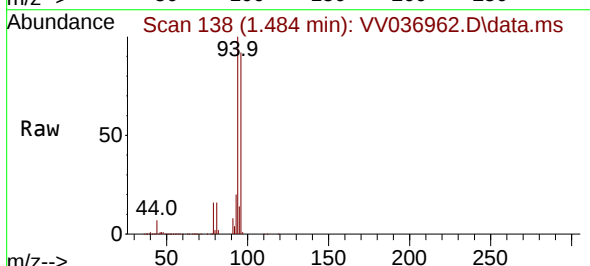
Instrument :
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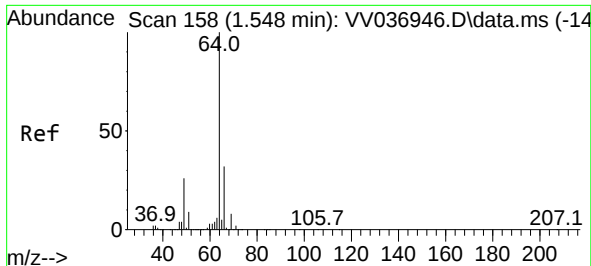
Tgt Ion: 62 Resp: 268704
 Ion Ratio Lower Upper
 62 100
 64 32.3 23.6 43.8



#6
 Bromomethane
 Concen: 50.199 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. -0.003 min
 Lab File: VV036962.D
 Acq: 16 Aug 2024 17:48

Tgt Ion: 94 Resp: 163960
 Ion Ratio Lower Upper
 94 100
 96 92.0 65.5 121.7

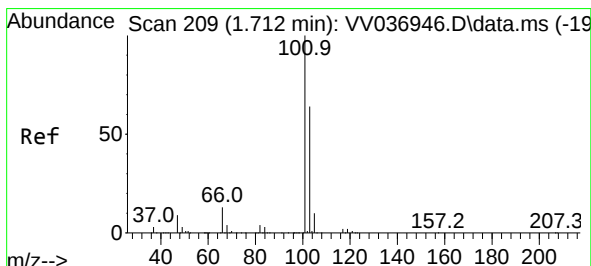
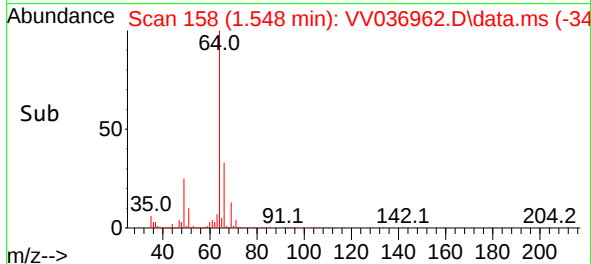
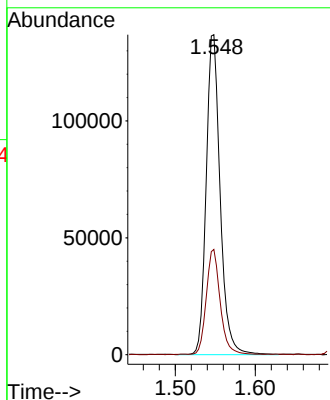
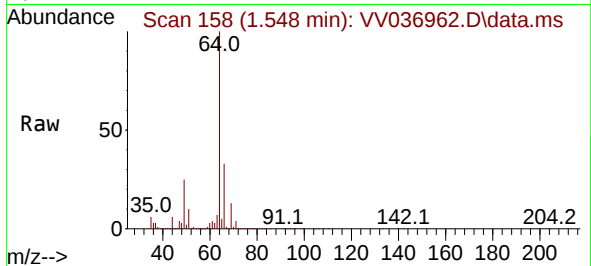




#8
Chloroethane
Concen: 51.783 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV036962.D
Acq: 16 Aug 2024 17:48

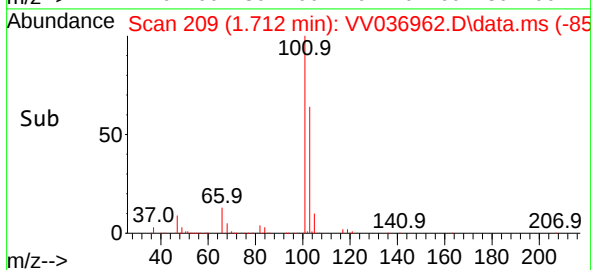
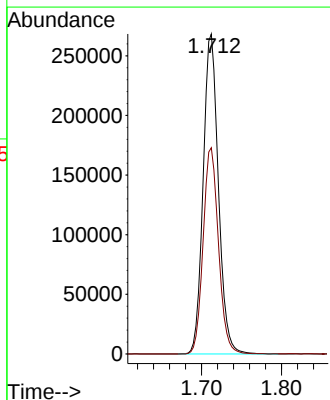
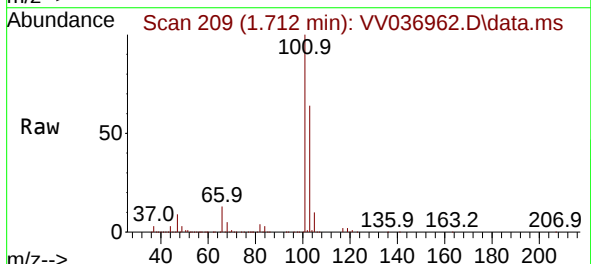
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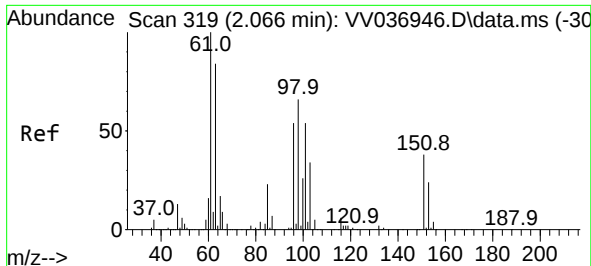
Tgt Ion: 64 Resp: 166400
Ion Ratio Lower Upper
64 100
66 32.9 23.2 43.0



#9
Trichlorofluoromethane
Concen: 52.442 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.000 min
Lab File: VV036962.D
Acq: 16 Aug 2024 17:48

Tgt Ion: 101 Resp: 356347
Ion Ratio Lower Upper
101 100
103 64.9 51.4 77.0

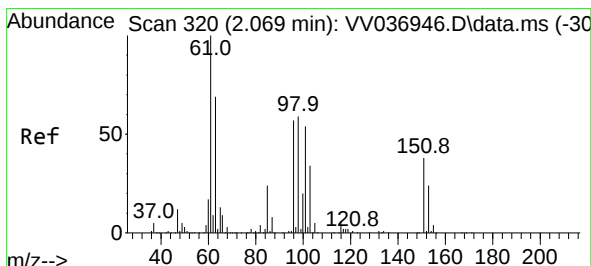
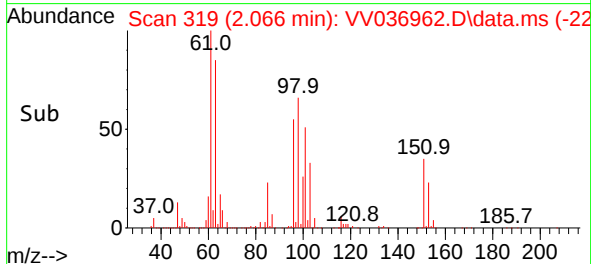
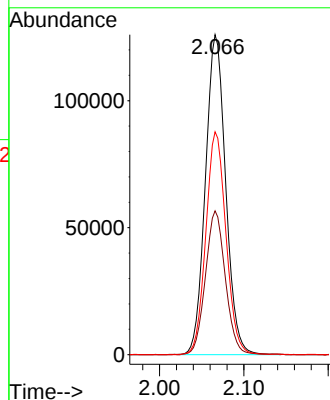
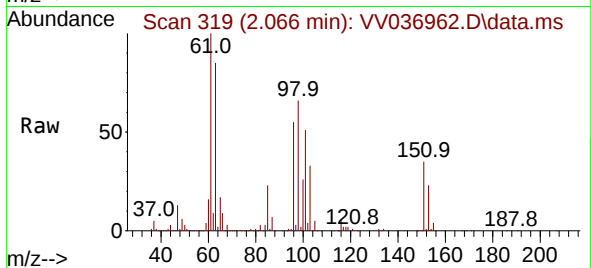




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 52.654 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. -0.000 min
 Lab File: VV036962.D
 Acq: 16 Aug 2024 17:48

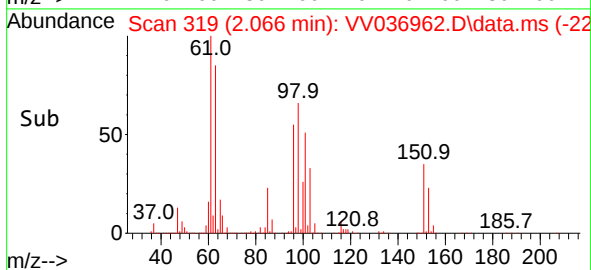
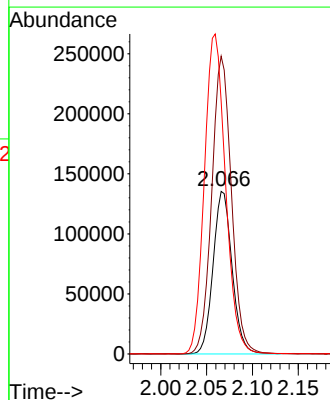
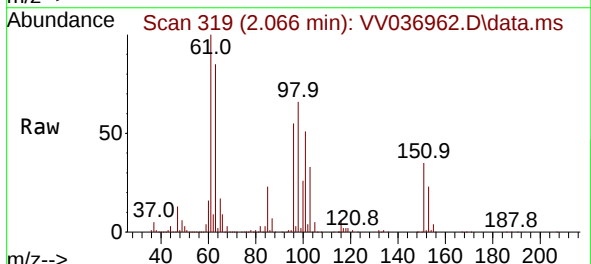
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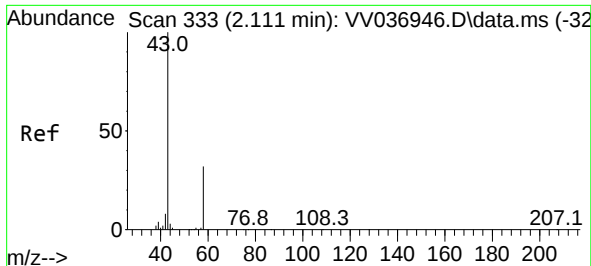
Tgt Ion: 101 Resp: 210828
 Ion Ratio Lower Upper
 101 100
 85 44.1 34.6 51.8
 151 69.3 55.9 83.9



#12
 1,1-Dichloroethene
 Concen: 51.167 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. -0.003 min
 Lab File: VV036962.D
 Acq: 16 Aug 2024 17:48

Tgt Ion: 96 Resp: 195667
 Ion Ratio Lower Upper
 96 100
 61 183.1 125.6 233.2
 63 155.4 95.1 176.7





#13

Acetone

Concen: 88.451 ug/L

RT: 2.114 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV036962.D

Acq: 16 Aug 2024 17:48

Instrument :

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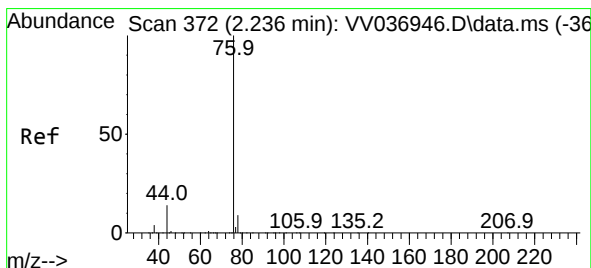
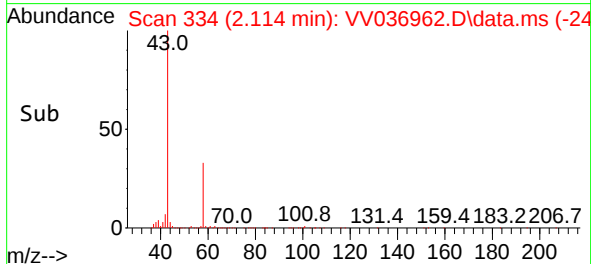
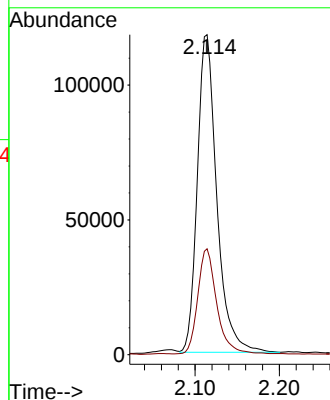
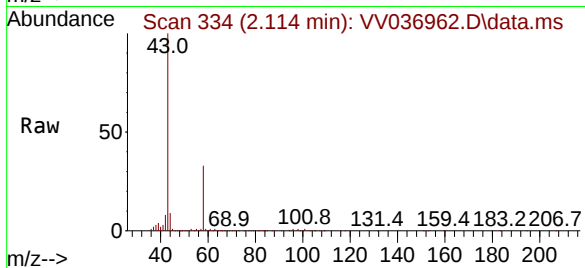
JAAS5MS

Tgt Ion: 43 Resp: 189591

Ion Ratio Lower Upper

43 100

58 31.9 0.0 63.4



#14

Carbon disulfide

Concen: 42.886 ug/L

RT: 2.236 min Scan# 372

Delta R.T. -0.000 min

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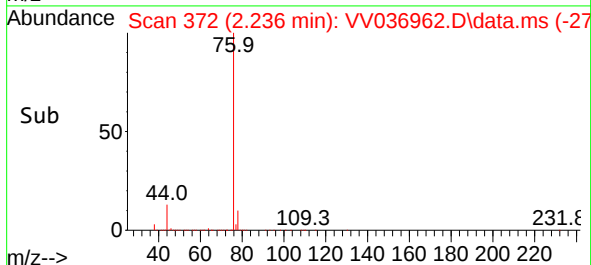
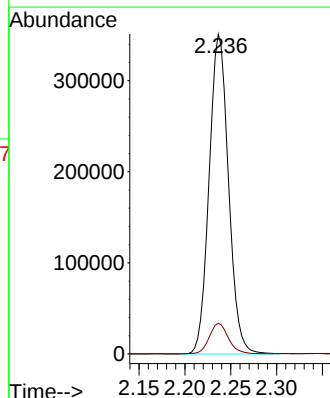
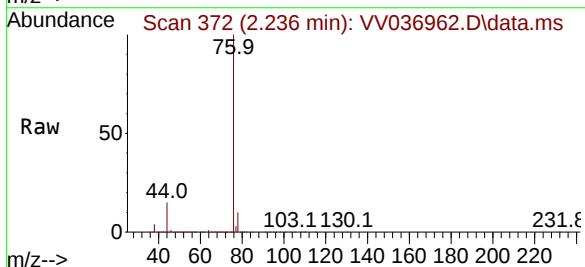
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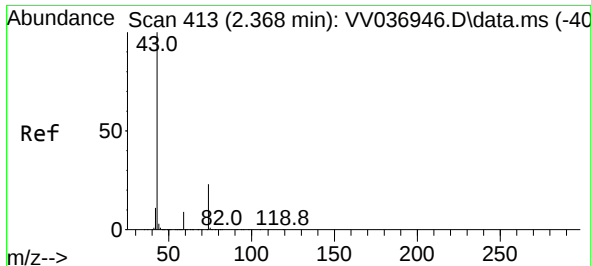
Tgt Ion: 76 Resp: 515168

Ion Ratio Lower Upper

76 100

78 9.6 7.1 10.7

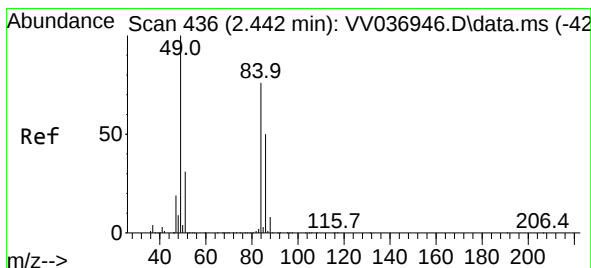
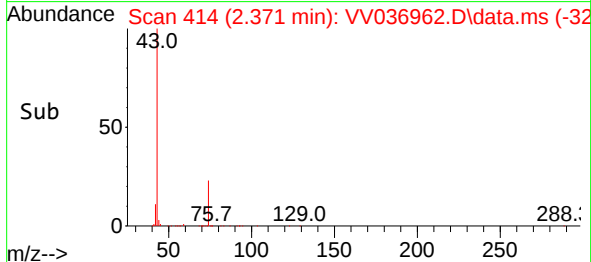
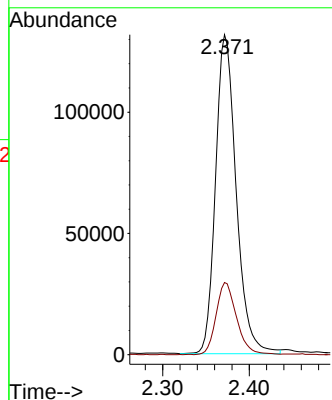
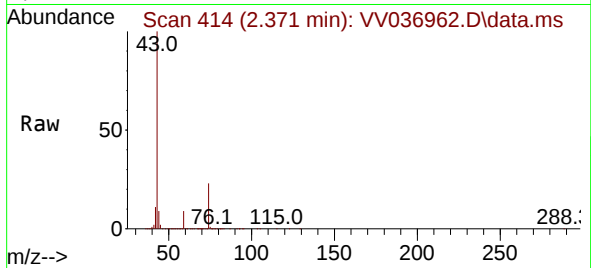




#15
Methyl Acetate
Concen: 49.321 ug/L
RT: 2.371 min Scan# 413
Delta R.T. 0.003 min
Lab File: VV036962.D
Acq: 16 Aug 2024 17:48

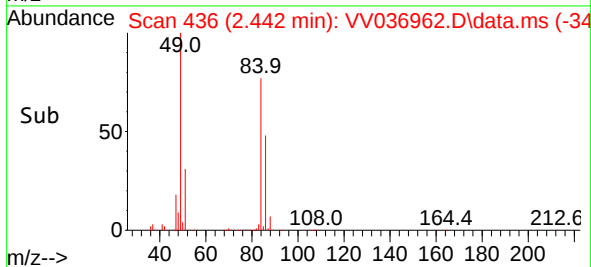
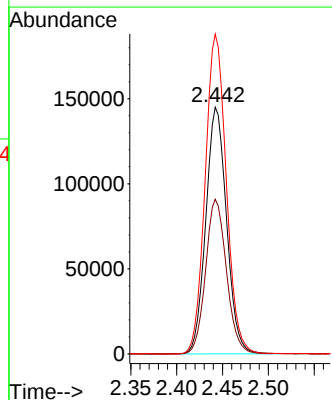
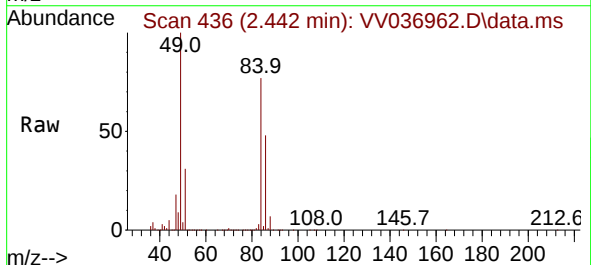
Instrument :
MSVOA_V
ClientSampleId :
JAAS5MS

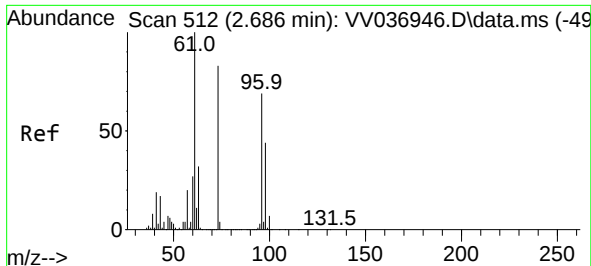
Tgt Ion: 43 Resp: 217780
Ion Ratio Lower Upper
43 100
74 22.5 19.0 28.4



#16
Methylene chloride
Concen: 53.139 ug/L
RT: 2.442 min Scan# 436
Delta R.T. -0.000 min
Lab File: VV036962.D
Acq: 16 Aug 2024 17:48

Tgt Ion: 84 Resp: 228450
Ion Ratio Lower Upper
84 100
86 62.7 44.3 82.3
49 129.7 91.1 169.1



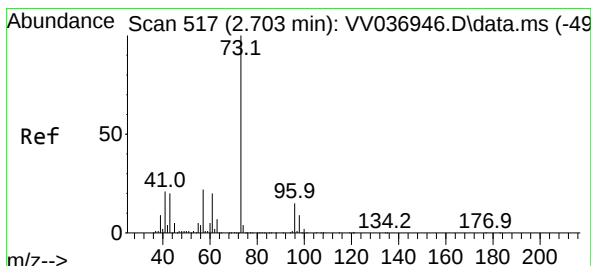
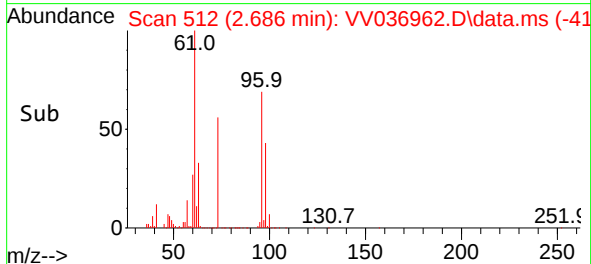
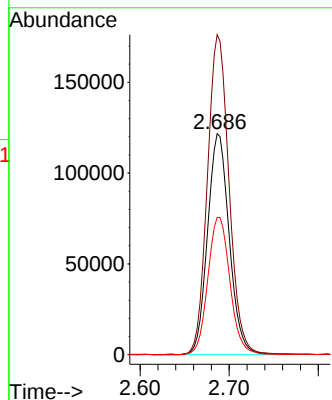
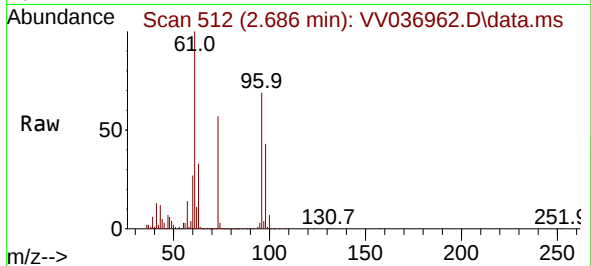


#17
trans-1,2-Dichloroethene
Concen: 52.014 ug/L
RT: 2.686 min Scan# 512
Delta R.T. 0.000 min
Lab File: VV036962.D
Acq: 16 Aug 2024 17:48

Instrument :
MSVOA_V
ClientSampleId :
JAAS5MS

Tgt Ion: 96 Resp: 206034

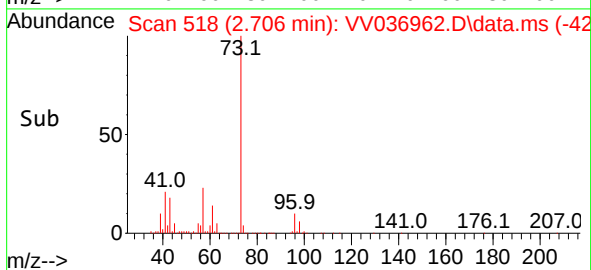
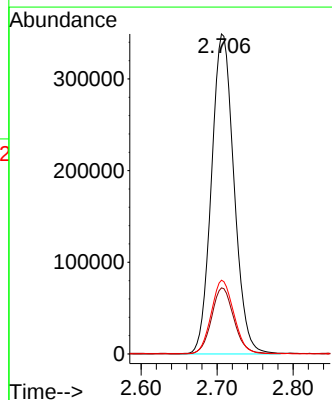
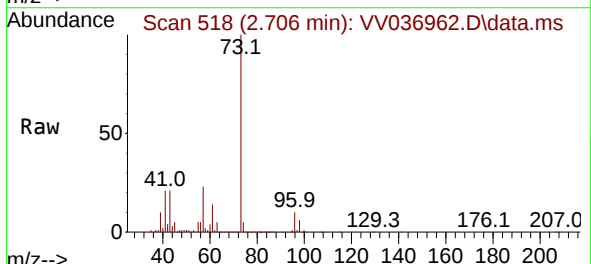
Ion	Ratio	Lower	Upper
96	100		
61	144.9	100.0	185.8
98	62.1	44.0	81.8

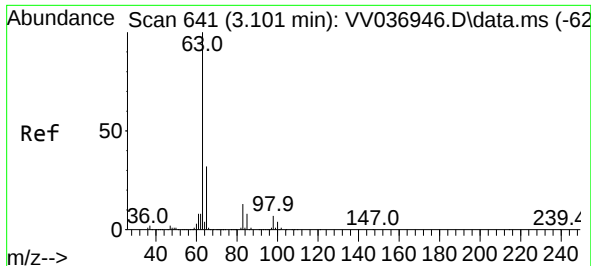


#18
Methyl tert-butyl Ether
Concen: 51.482 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.003 min
Lab File: VV036962.D
Acq: 16 Aug 2024 17:48

Tgt Ion: 73 Resp: 718231

Ion	Ratio	Lower	Upper
73	100		
43	20.2	16.1	24.1
57	22.9	17.9	26.9





#19

1,1-Dichloroethane

Concen: 53.990 ug/L

RT: 3.104 min Scan# 641

Delta R.T. 0.003 min

Lab File: VV036962.D

Acq: 16 Aug 2024 17:48

Instrument :

MSVOA_V

ClientSampleId :

JAAS5MS

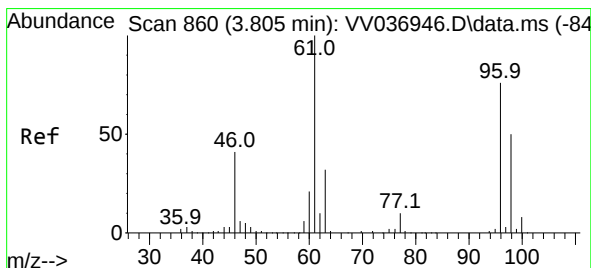
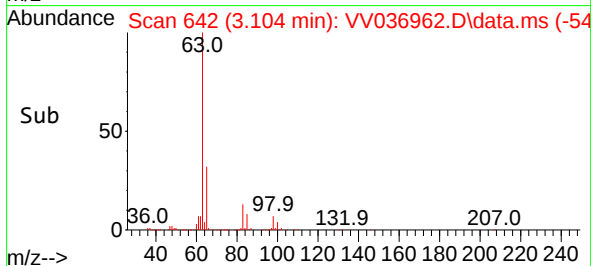
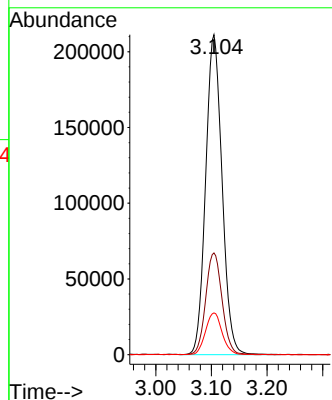
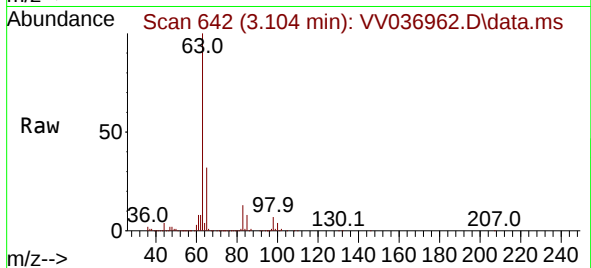
Tgt Ion: 63 Resp: 432079

Ion Ratio Lower Upper

63 100

65 31.8 23.2 43.0

83 13.1 9.2 17.0



#20

cis-1,2-Dichloroethene

Concen: 51.751 ug/L

RT: 3.809 min Scan# 861

Delta R.T. 0.003 min

Lab File: VV036962.D

Acq: 16 Aug 2024 17:48

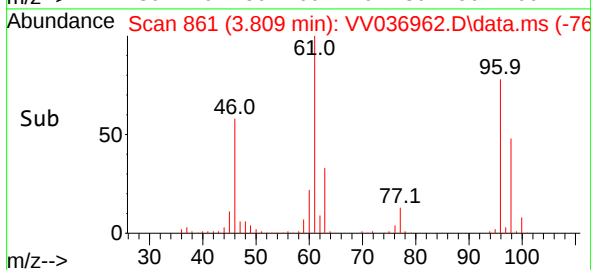
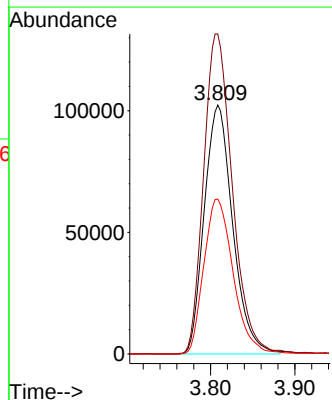
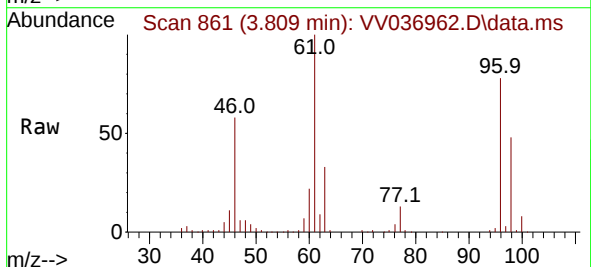
Tgt Ion: 96 Resp: 240606

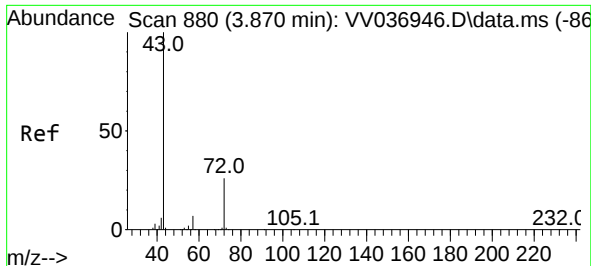
Ion Ratio Lower Upper

96 100

61 128.6 93.9 174.5

98 62.2 46.0 85.4

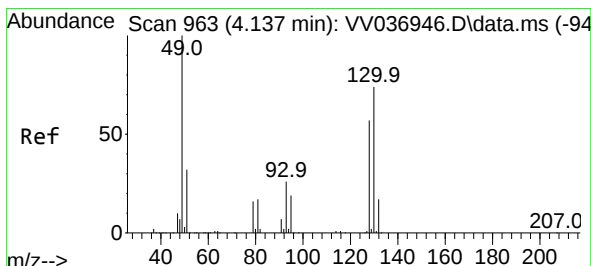
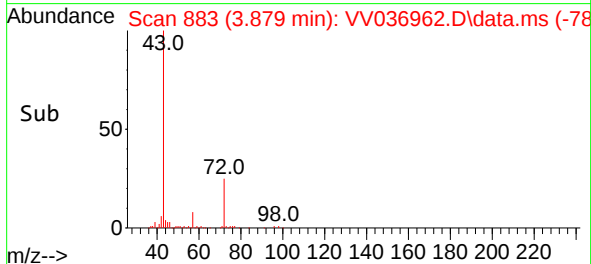
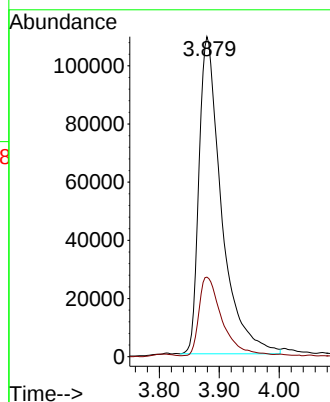
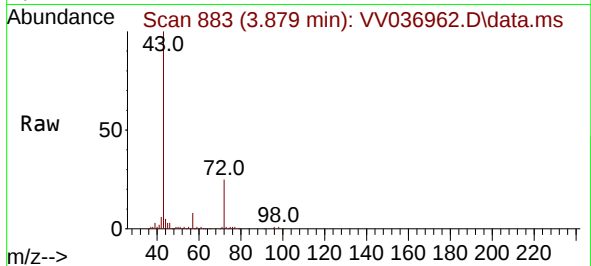




#22
2-Butanone
Concen: 99.221 ug/L
RT: 3.879 min Scan# 880
Delta R.T. 0.010 min
Lab File: VV036962.D
Acq: 16 Aug 2024 17:48

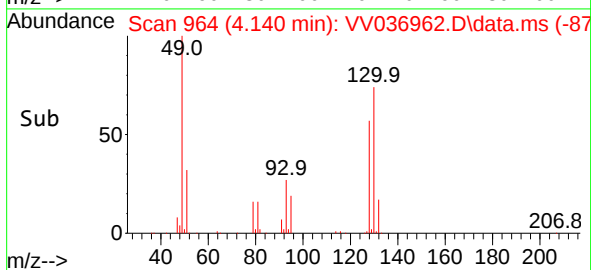
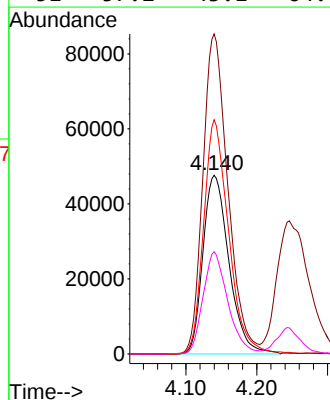
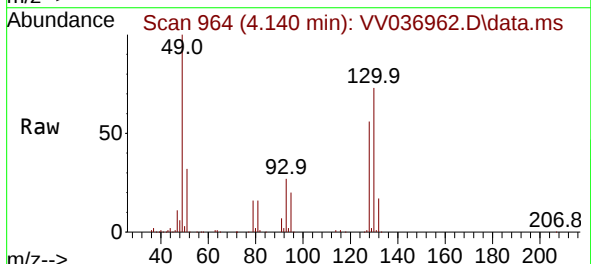
Instrument :
MSVOA_V
ClientSampleId :
JAAS5MS

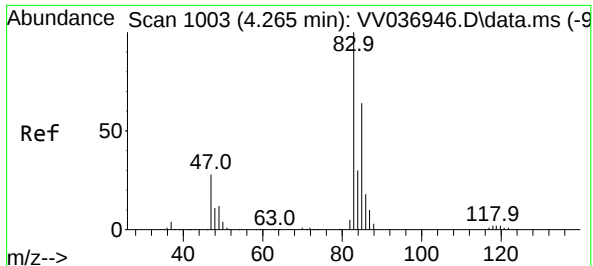
Tgt Ion: 43 Resp: 284910
Ion Ratio Lower Upper
43 100
72 25.4 12.5 37.5



#23
Bromochloromethane
Concen: 53.687 ug/L
RT: 4.140 min Scan# 964
Delta R.T. 0.003 min
Lab File: VV036962.D
Acq: 16 Aug 2024 17:48

Tgt Ion: 128 Resp: 121248
Ion Ratio Lower Upper
128 100
49 179.0 120.0 223.0
130 131.0 87.0 161.6
51 57.2 43.1 64.7





#25

Chloroform

Concen: 53.291 ug/L

RT: 4.272 min Scan# 1005

Delta R.T. 0.006 min

Lab File: VV036962.D

Acq: 16 Aug 2024 17:48

Instrument :

MSVOA_V

ClientSampleId :

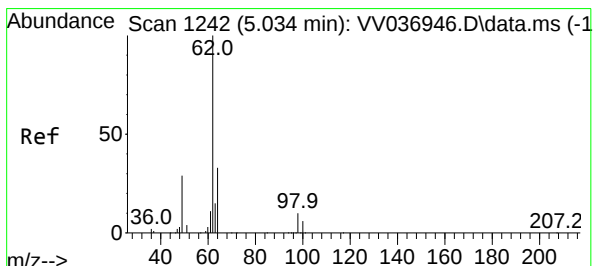
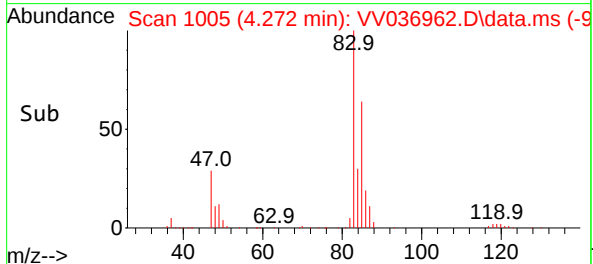
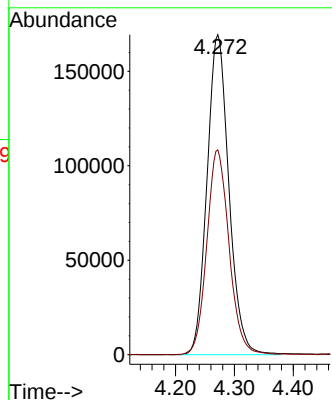
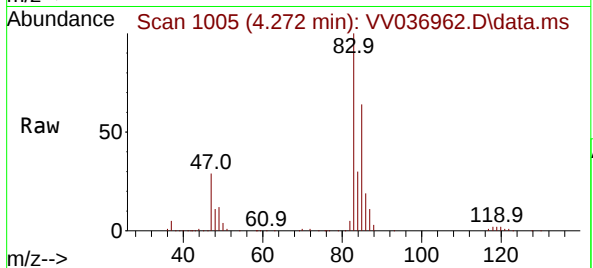
JAAS5MS

Tgt Ion: 83 Resp: 438040

Ion Ratio Lower Upper

83 100

85 64.0 46.0 85.4



#27

1,2-Dichloroethane

Concen: 51.395 ug/L

RT: 5.040 min Scan# 1244

Delta R.T. 0.006 min

Lab File: VV036962.D

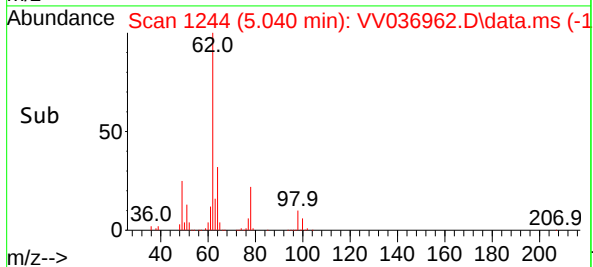
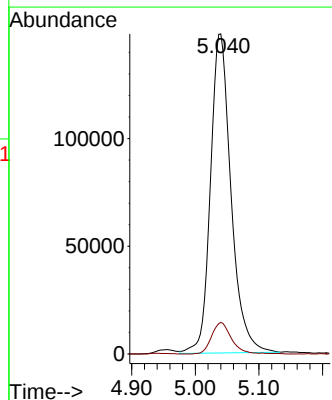
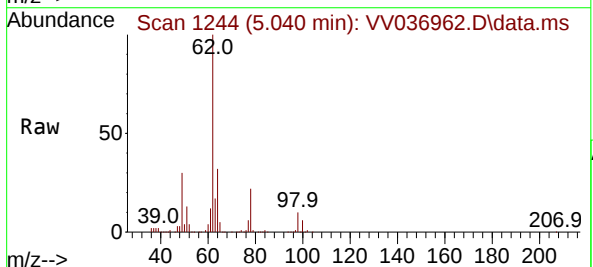
Acq: 16 Aug 2024 17:48

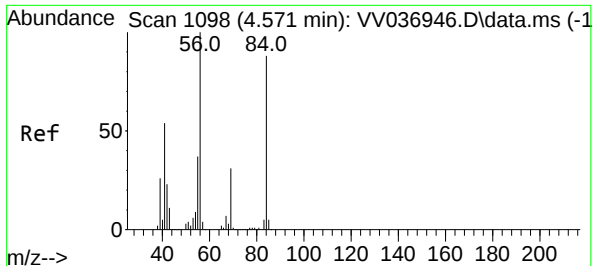
Tgt Ion: 62 Resp: 333229

Ion Ratio Lower Upper

62 100

98 9.9 7.5 11.3





#29

Cyclohexane

Concen: 46.148 ug/L

RT: 4.571 min Scan# 1098

Delta R.T. 0.000 min

Lab File: VV036962.D

Acq: 16 Aug 2024 17:48

Instrument :

MSVOA_V

ClientSampleId :

JAAS5MS

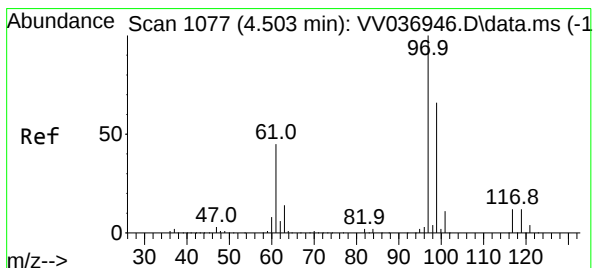
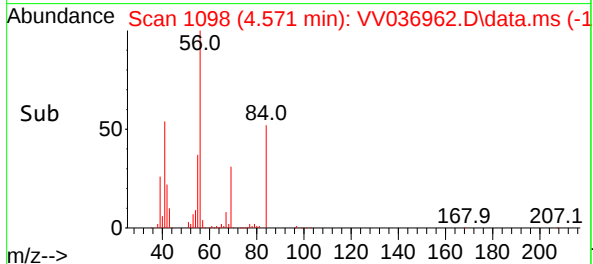
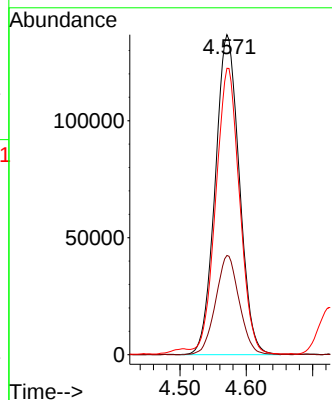
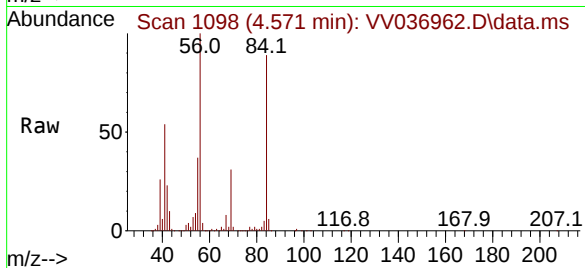
Tgt Ion: 56 Resp: 346395

Ion Ratio Lower Upper

56 100

69 30.4 24.7 37.1

84 88.1 68.5 102.7



#30

1,1,1-Trichloroethane

Concen: 48.323 ug/L

RT: 4.506 min Scan# 1078

Delta R.T. 0.003 min

Lab File: VV036962.D

Acq: 16 Aug 2024 17:48

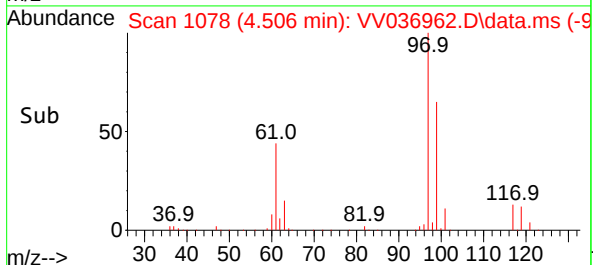
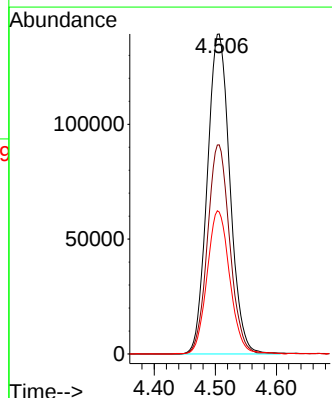
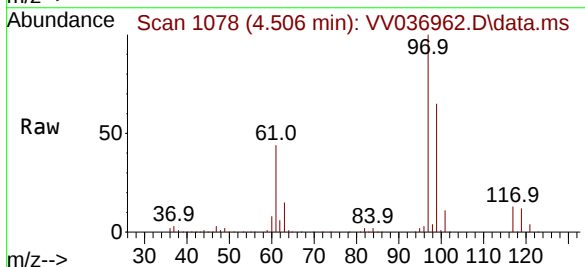
Tgt Ion: 97 Resp: 358665

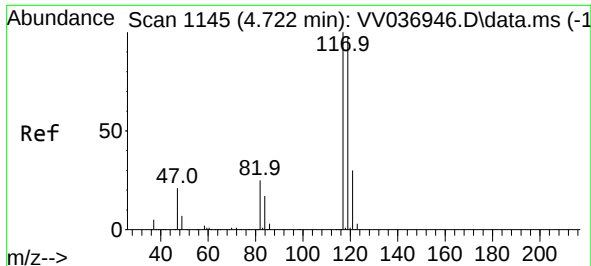
Ion Ratio Lower Upper

97 100

99 64.1 51.5 77.3

61 44.3 36.0 54.0

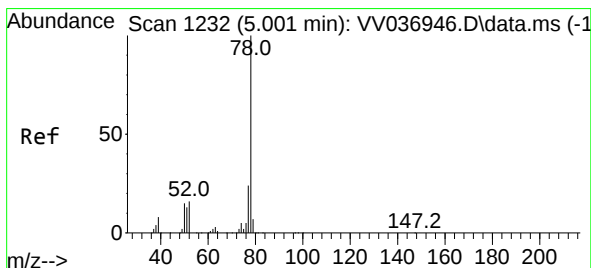
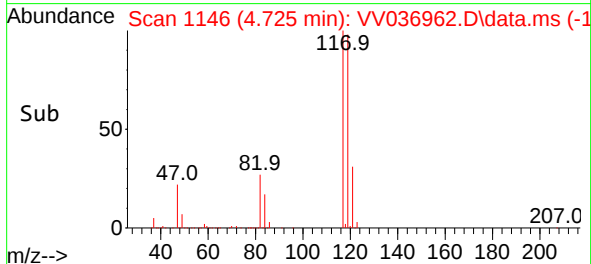
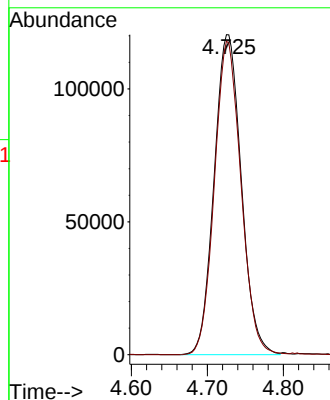
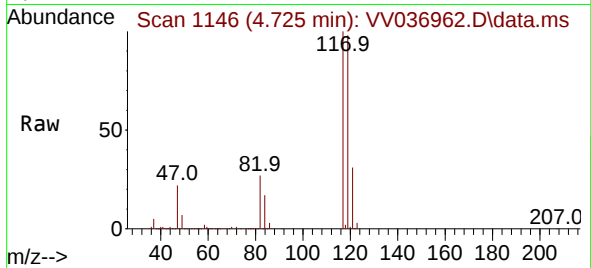




#31
Carbon tetrachloride
Concen: 47.875 ug/L
RT: 4.725 min Scan# 1145
Delta R.T. 0.003 min
Lab File: VV036962.D
Acq: 16 Aug 2024 17:48

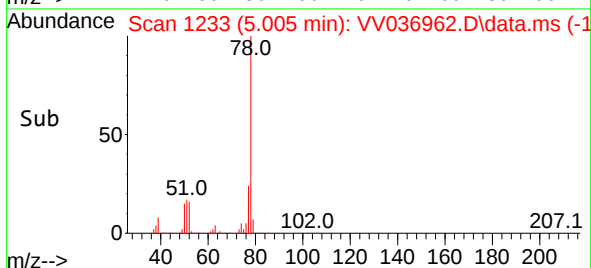
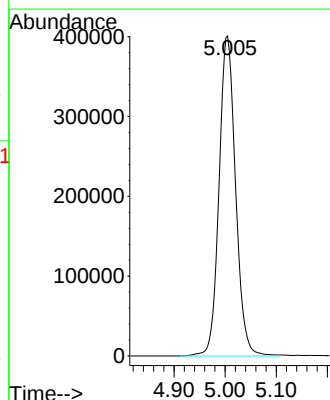
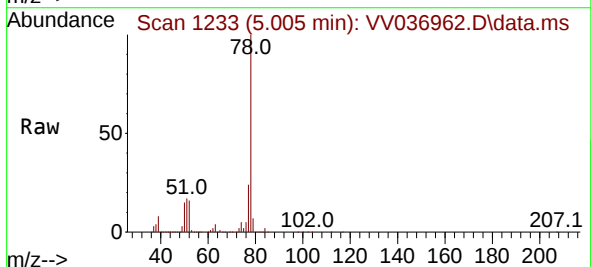
Instrument :
MSVOA_V
ClientSampleId :
JAAS5MS

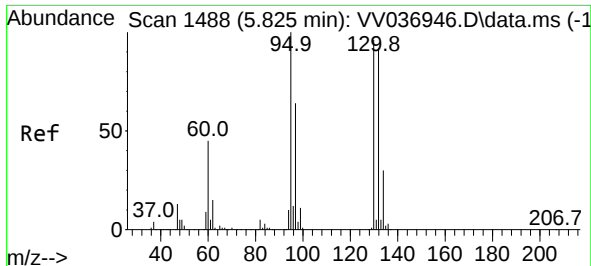
Tgt Ion:117 Resp: 298420
Ion Ratio Lower Upper
117 100
119 95.7 76.1 114.1



#33
Benzene
Concen: 51.148 ug/L
RT: 5.005 min Scan# 1233
Delta R.T. 0.003 min
Lab File: VV036962.D
Acq: 16 Aug 2024 17:48

Tgt Ion: 78 Resp: 901265



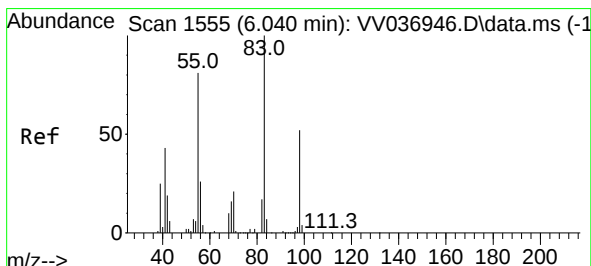
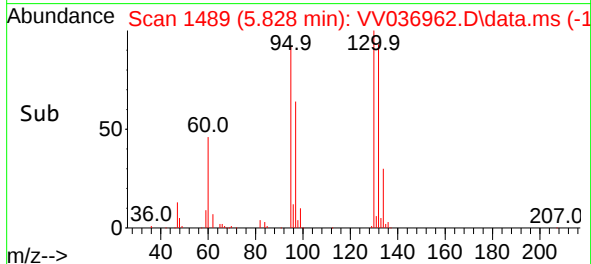
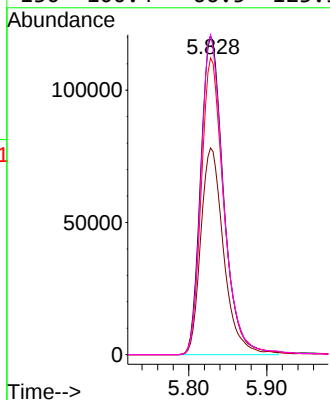
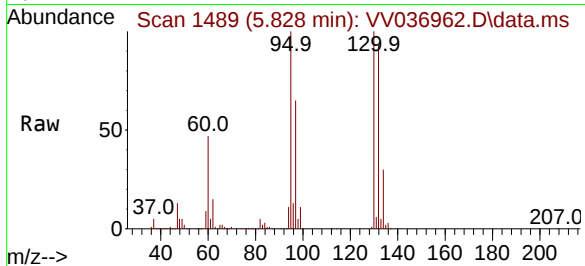


#34
Trichloroethene
Concen: 48.268 ug/L
RT: 5.828 min Scan# 1488
Delta R.T. 0.003 min
Lab File: VV036962.D
Acq: 16 Aug 2024 17:48

Instrument :
MSVOA_V
ClientSampleId :
JAAS5MS

Tgt Ion: 95 Resp: 246494

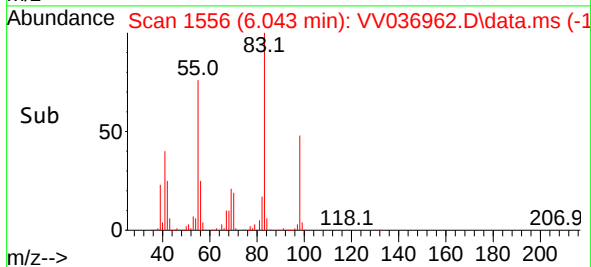
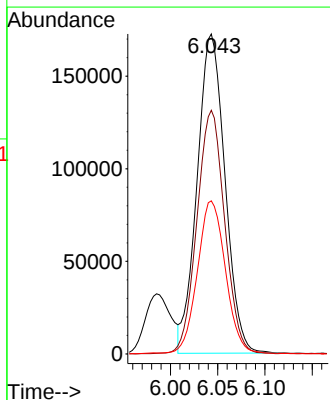
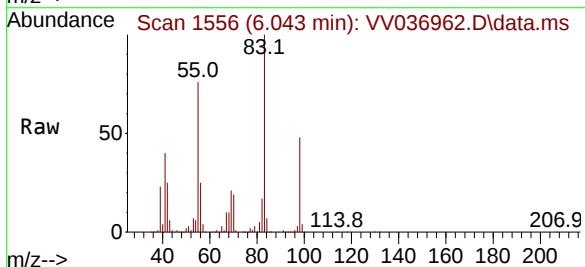
Ion	Ratio	Lower	Upper
95	100		
97	64.8	44.7	82.9
132	93.1	62.9	116.9
130	100.4	66.5	123.5

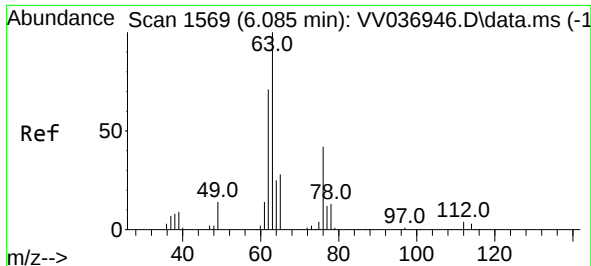


#35
Methylcyclohexane
Concen: 45.063 ug/L
RT: 6.043 min Scan# 1556
Delta R.T. 0.003 min
Lab File: VV036962.D
Acq: 16 Aug 2024 17:48

Tgt Ion: 83 Resp: 353127

Ion	Ratio	Lower	Upper
83	100		
55	75.7	62.3	93.5
98	48.0	38.7	58.1





#37

1,2-Dichloropropane

Concen: 52.568 ug/L

RT: 6.091 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV036962.D

Acq: 16 Aug 2024 17:48

Instrument :

MSVOA_V

ClientSampleId :

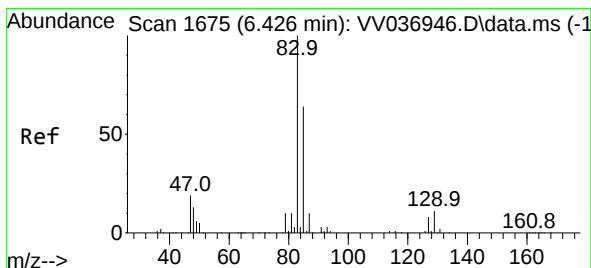
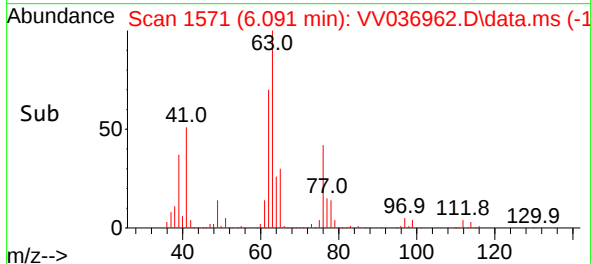
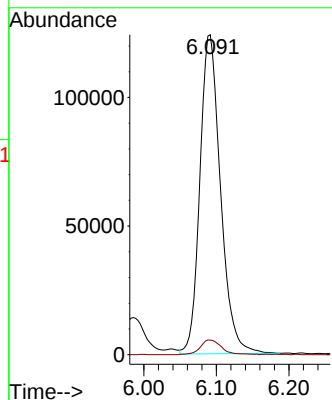
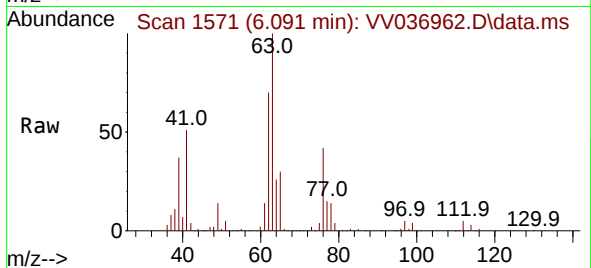
JAAS5MS

Tgt Ion: 63 Resp: 245382

Ion Ratio Lower Upper

63 100

112 4.8 3.6 5.4



#38

Bromodichloromethane

Concen: 49.172 ug/L

RT: 6.429 min Scan# 1676

Delta R.T. 0.003 min

Lab File: VV036962.D

Acq: 16 Aug 2024 17:48

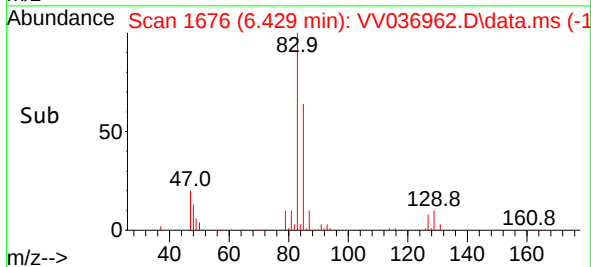
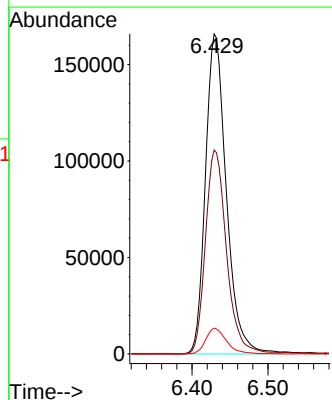
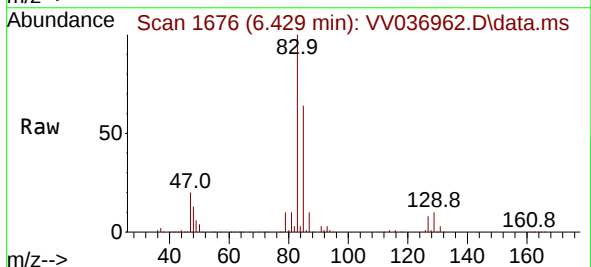
Tgt Ion: 83 Resp: 316080

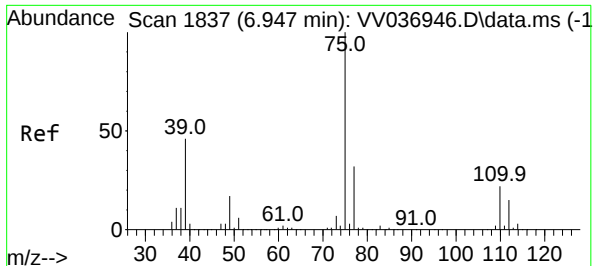
Ion Ratio Lower Upper

83 100

85 63.7 44.7 83.1

127 8.0 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 46.371 ug/L

RT: 6.950 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV036962.D

Acq: 16 Aug 2024 17:48

Instrument :

MSVOA_V

ClientSampleId :

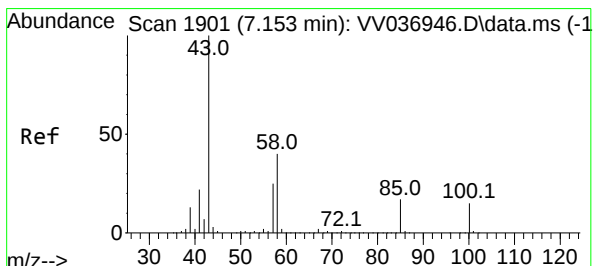
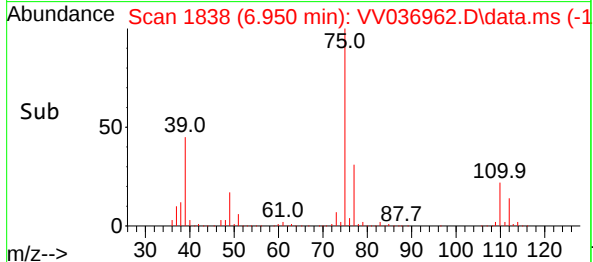
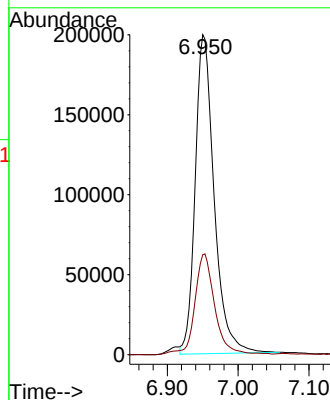
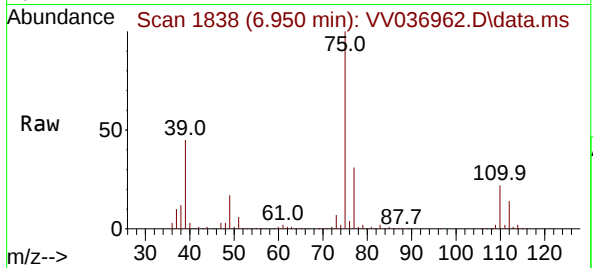
JAAS5MS

Tgt Ion: 75 Resp: 370704

Ion Ratio Lower Upper

75 100

77 31.3 22.2 41.2



#40

4-Methyl-2-pentanone

Concen: 103.882 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. 0.006 min

Lab File: VV036962.D

Acq: 16 Aug 2024 17:48

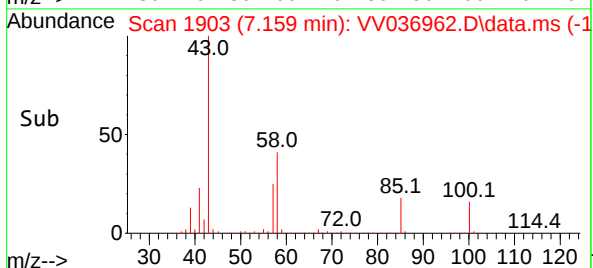
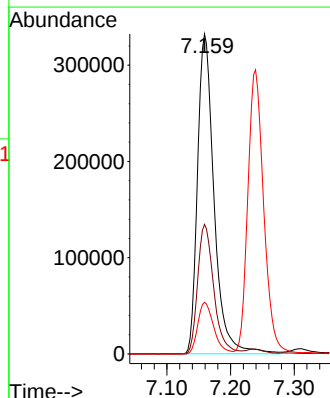
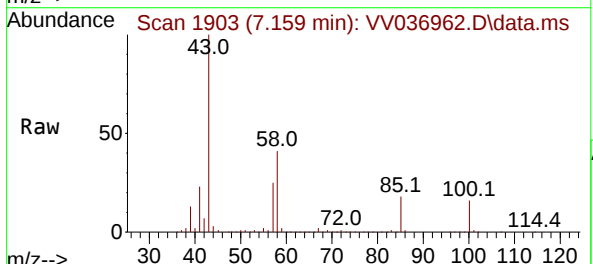
Tgt Ion: 43 Resp: 600686

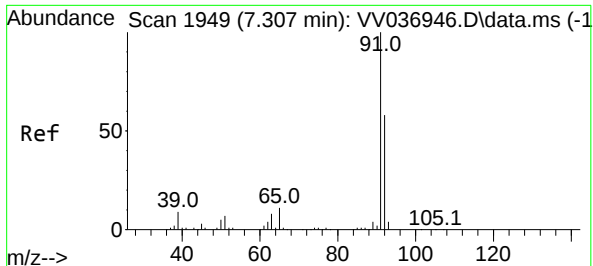
Ion Ratio Lower Upper

43 100

58 39.5 31.3 46.9

100 15.7 12.6 18.8





#42

Toluene

Concen: 50.128 ug/L

RT: 7.310 min Scan# 1949

Delta R.T. 0.003 min

Lab File: VV036962.D

Acq: 16 Aug 2024 17:48

Instrument :

MSVOA_V

ClientSampleId :

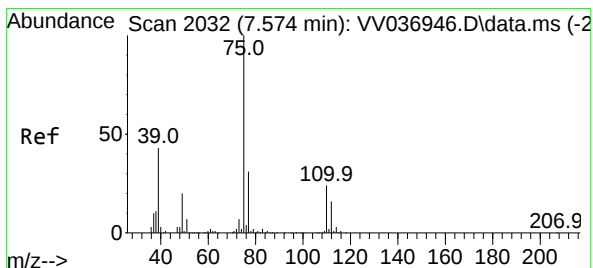
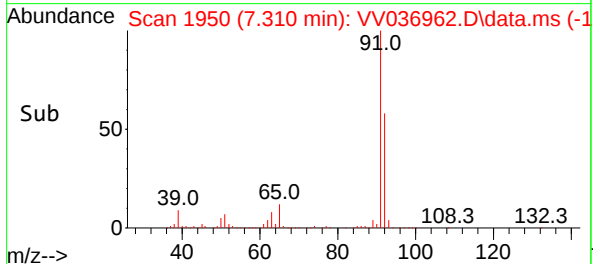
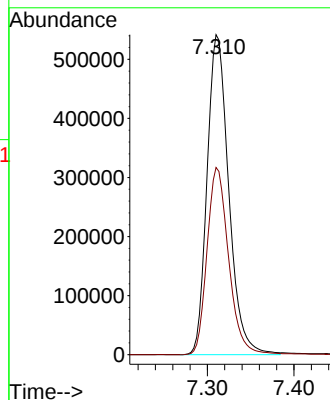
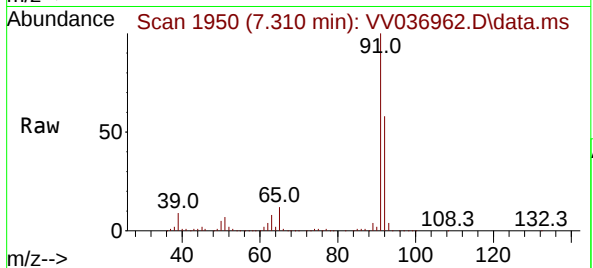
JAAS5MS

Tgt Ion: 91 Resp: 940825

Ion Ratio Lower Upper

91 100

92 58.5 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 46.047 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. 0.006 min

Lab File: VV036962.D

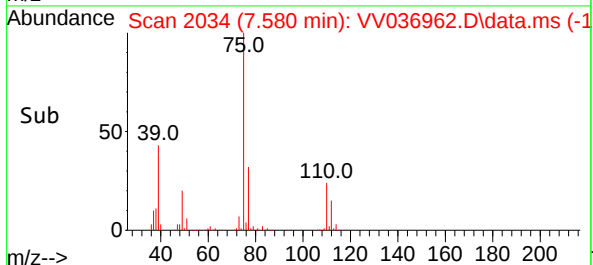
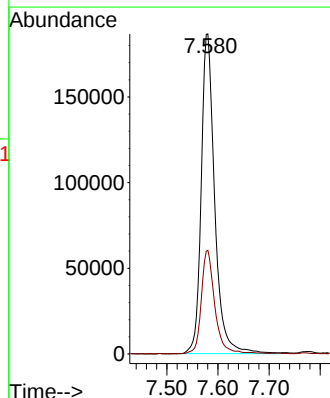
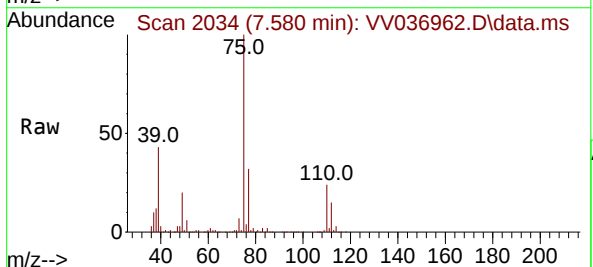
Acq: 16 Aug 2024 17:48

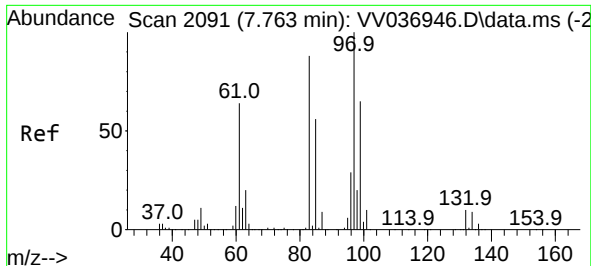
Tgt Ion: 75 Resp: 343025

Ion Ratio Lower Upper

75 100

77 32.4 22.4 41.6





#45

1,1,2-Trichloroethane

Concen: 52.686 ug/L

RT: 7.767 min Scan# 2091

Delta R.T. 0.003 min

Lab File: VV036962.D

Acq: 16 Aug 2024 17:48

Instrument :

MSVOA_V

ClientSampleId :

JAAS5MS

Tgt Ion: 97 Resp: 238167

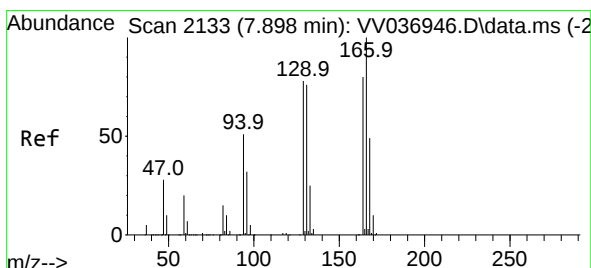
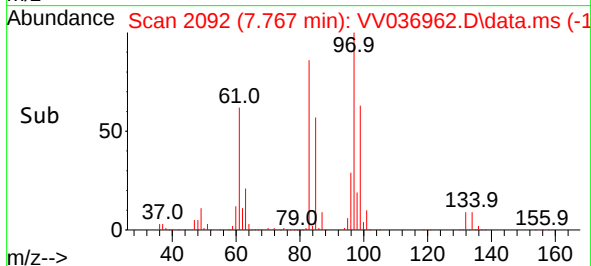
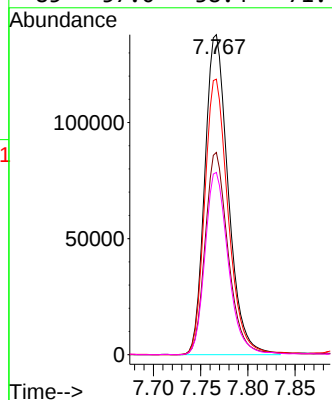
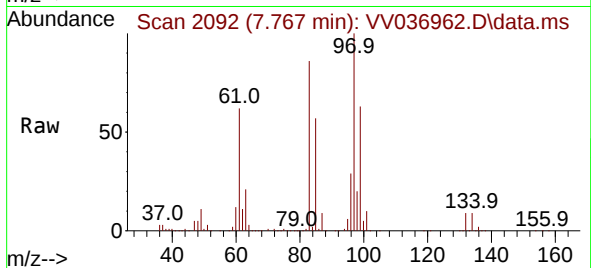
Ion Ratio Lower Upper

97 100

99 63.2 44.0 81.6

83 86.1 60.1 111.5

85 57.0 38.4 71.4



#46

Tetrachloroethene

Concen: 48.601 ug/L

RT: 7.902 min Scan# 2134

Delta R.T. 0.003 min

Lab File: VV036962.D

Acq: 16 Aug 2024 17:48

Tgt Ion:164 Resp: 162798

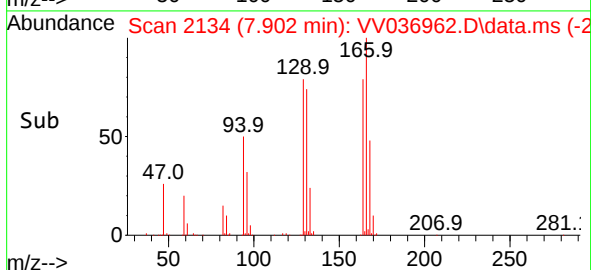
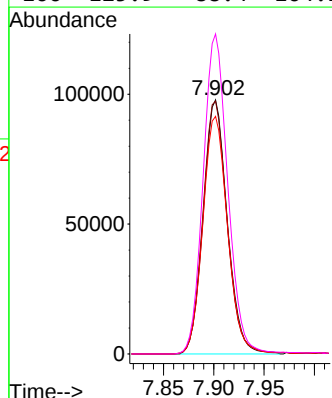
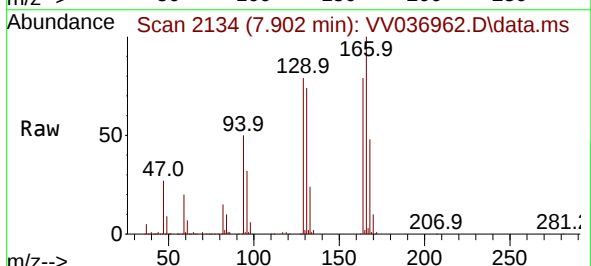
Ion Ratio Lower Upper

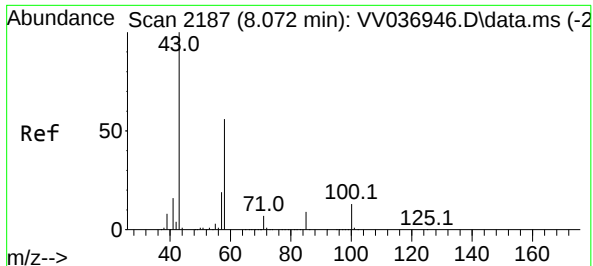
164 100

129 99.5 70.4 130.8

131 93.5 67.7 125.7

166 125.9 88.4 164.2

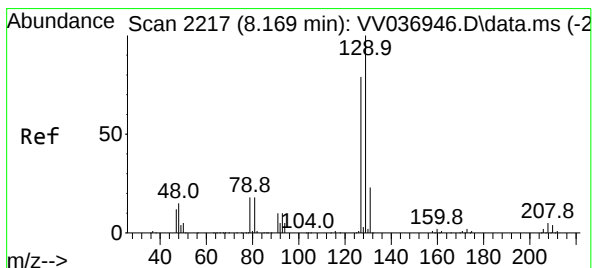
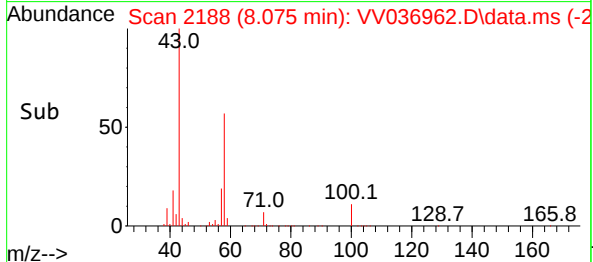
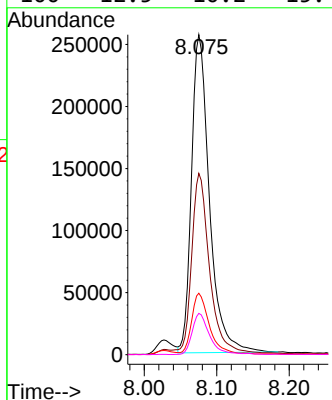
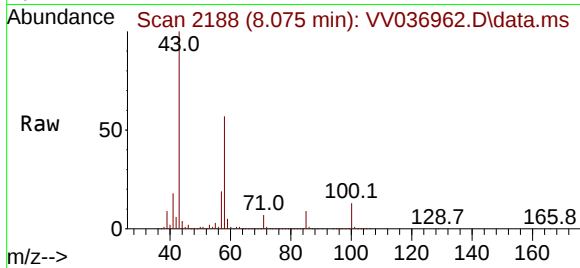




#48
2-Hexanone
Concen: 103.684 ug/L
RT: 8.075 min Scan# 2187
Delta R.T. 0.003 min
Lab File: VV036962.D
Acq: 16 Aug 2024 17:48

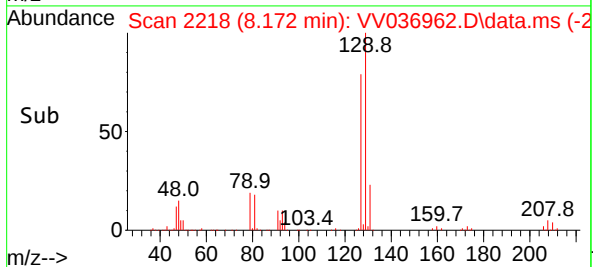
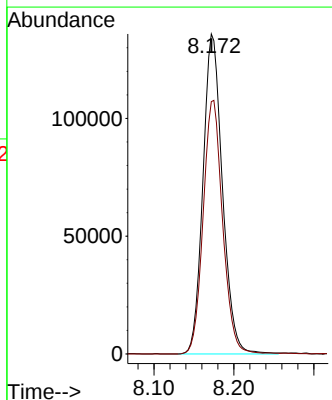
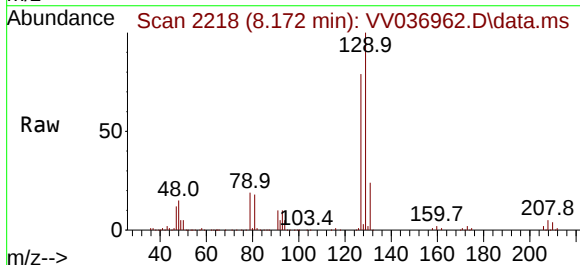
Instrument :
MSVOA_V
ClientSampleId :
JAAS5MS

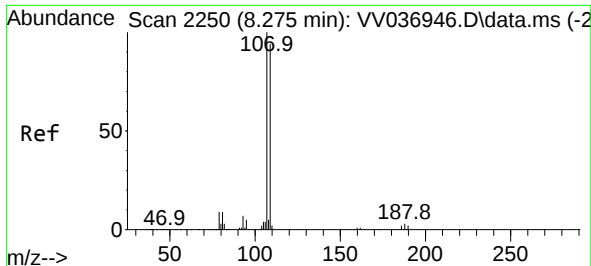
Tgt Ion: 43 Resp: 441065
Ion Ratio Lower Upper
43 100
58 55.3 44.7 67.1
57 17.9 15.0 22.4
100 12.5 10.2 15.4



#49
Dibromochloromethane
Concen: 49.592 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. 0.003 min
Lab File: VV036962.D
Acq: 16 Aug 2024 17:48

Tgt Ion: 129 Resp: 230375
Ion Ratio Lower Upper
129 100
127 78.9 55.4 102.8





#50

1,2-Dibromoethane

Concen: 52.105 ug/L

RT: 8.278 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV036962.D

Acq: 16 Aug 2024 17:48

Instrument :

MSVOA_V

ClientSampleId :

JAAS5MS

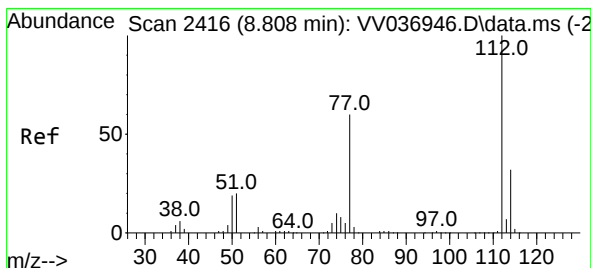
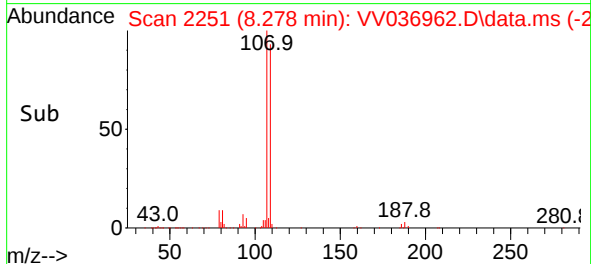
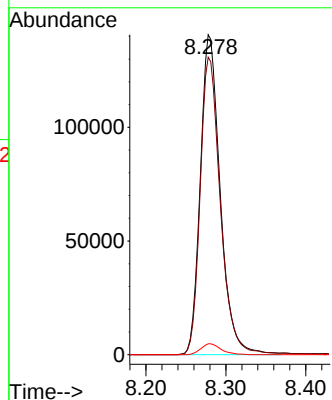
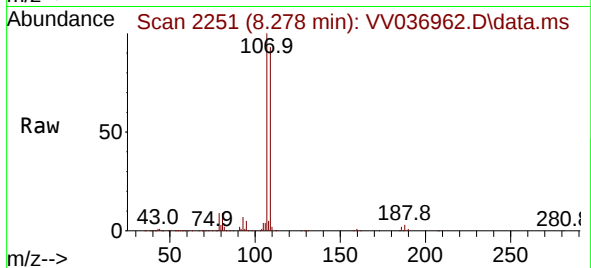
Tgt Ion:107 Resp: 244379

Ion Ratio Lower Upper

107 100

109 93.0 64.7 120.1

188 3.4 2.6 3.8



#51

Chlorobenzene

Concen: 51.025 ug/L

RT: 8.812 min Scan# 2417

Delta R.T. 0.003 min

Lab File: VV036962.D

Acq: 16 Aug 2024 17:48

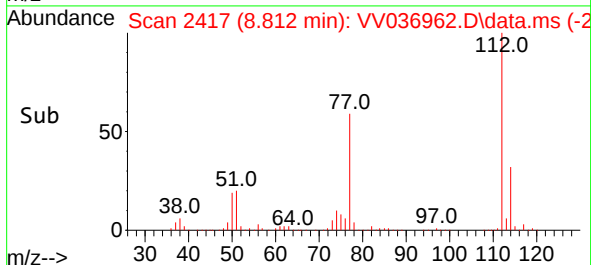
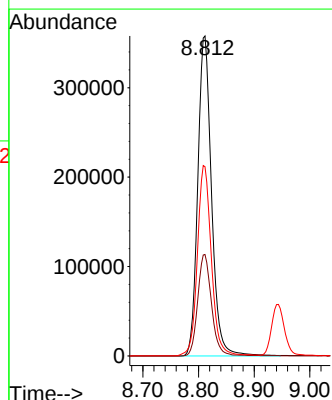
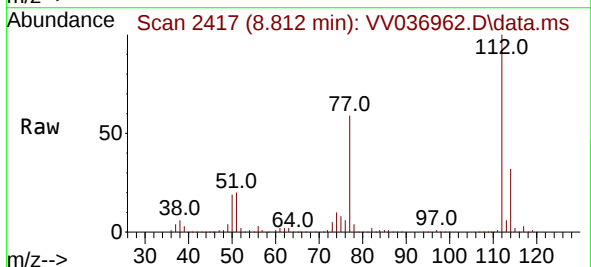
Tgt Ion:112 Resp: 614462

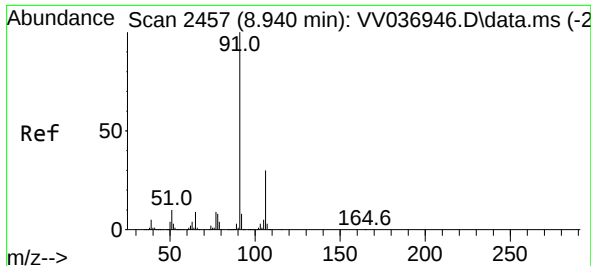
Ion Ratio Lower Upper

112 100

114 31.7 22.3 41.5

77 59.2 48.9 73.3





#52

Ethylbenzene

Concen: 49.583 ug/L

RT: 8.943 min Scan# 2457

Delta R.T. 0.003 min

Lab File: VV036962.D

Acq: 16 Aug 2024 17:48

Instrument :

MSVOA_V

ClientSampleId :

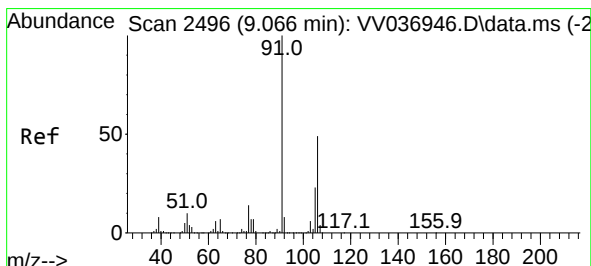
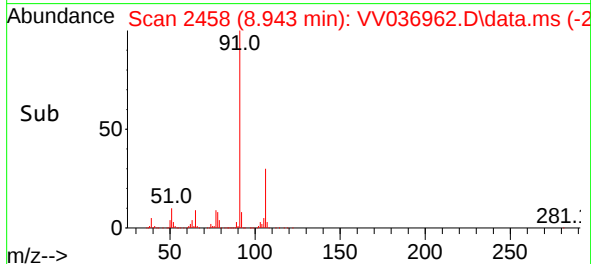
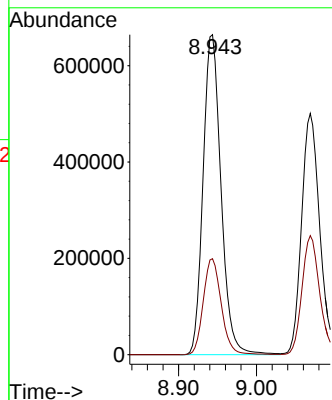
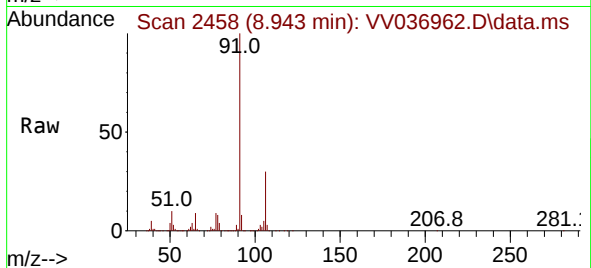
JAAS5MS

Tgt Ion: 91 Resp: 1062566

Ion Ratio Lower Upper

91 100

106 30.0 21.1 39.1



#53

m,p-Xylene

Concen: 48.659 ug/L

RT: 9.069 min Scan# 2497

Delta R.T. 0.003 min

Lab File: VV036962.D

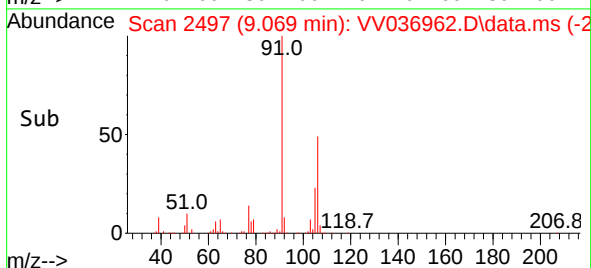
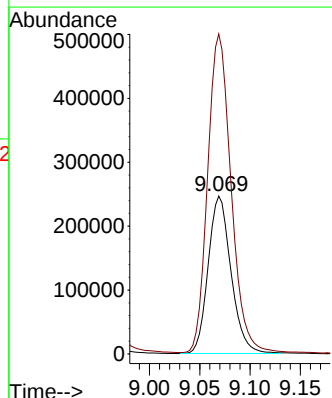
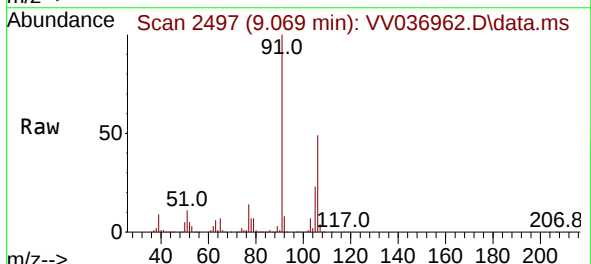
Acq: 16 Aug 2024 17:48

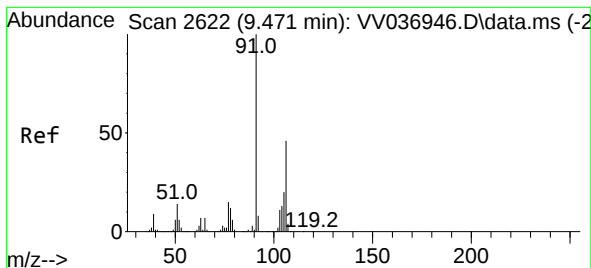
Tgt Ion:106 Resp: 389779

Ion Ratio Lower Upper

106 100

91 202.6 147.1 273.3





#54

o-Xylene

Concen: 49.789 ug/L

RT: 9.474 min Scan# 2622

Delta R.T. 0.003 min

Lab File: VV036962.D

Acq: 16 Aug 2024 17:48

Instrument :

MSVOA_V

ClientSampleId :

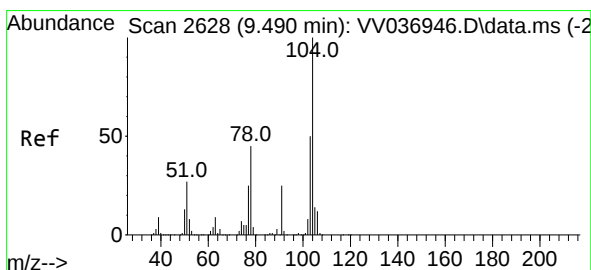
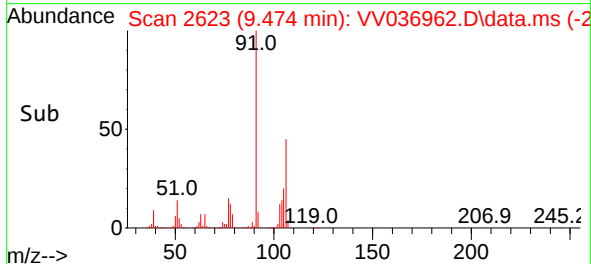
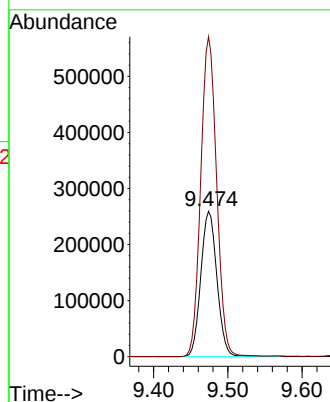
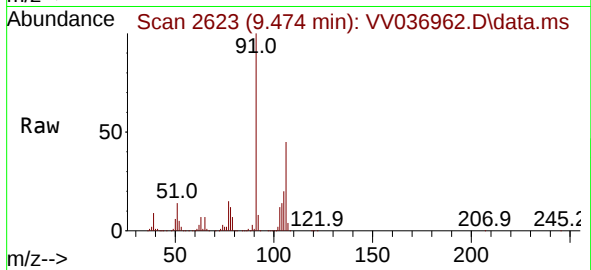
JAAS5MS

Tgt Ion:106 Resp: 390081

Ion Ratio Lower Upper

106 100

91 220.0 154.5 286.9



#55

Styrene

Concen: 51.293 ug/L

RT: 9.493 min Scan# 2629

Delta R.T. 0.003 min

Lab File: VV036962.D

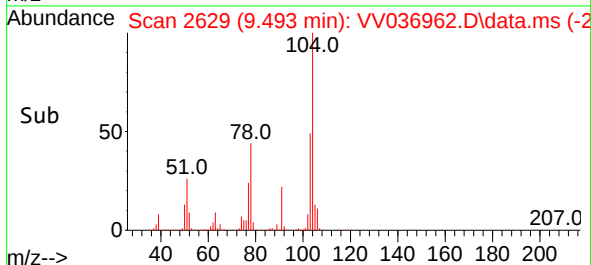
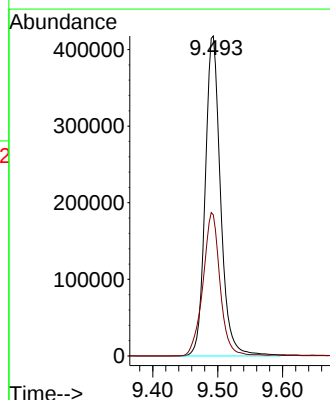
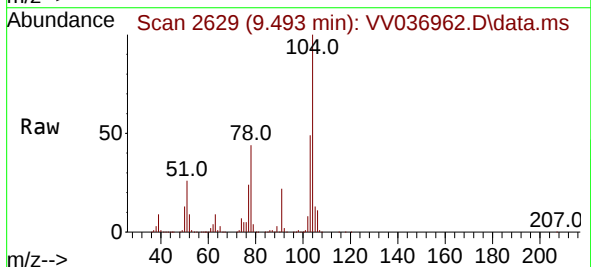
Acq: 16 Aug 2024 17:48

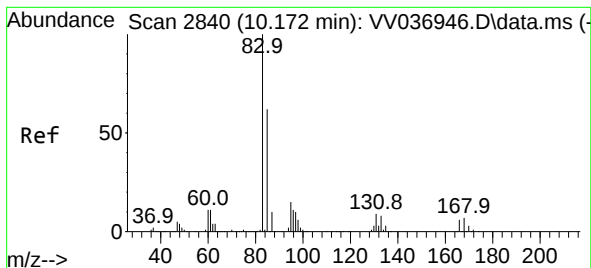
Tgt Ion:104 Resp: 688680

Ion Ratio Lower Upper

104 100

78 44.1 32.1 59.7

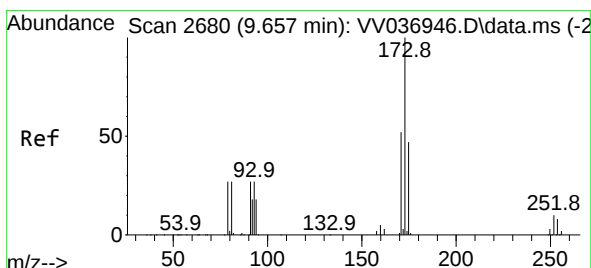
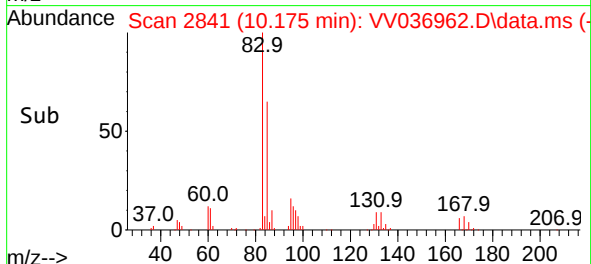
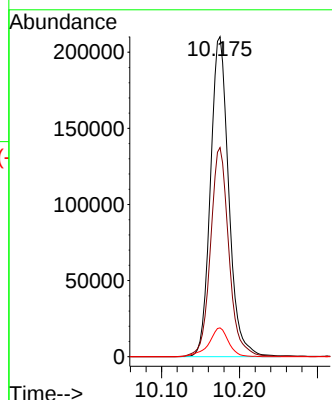
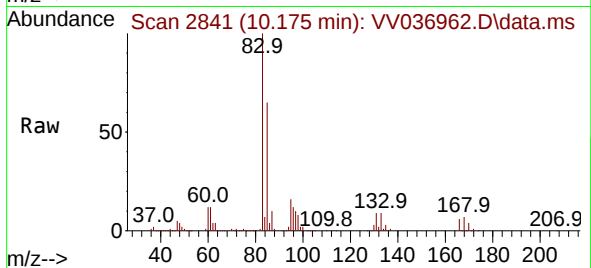




#57
1,1,2,2-Tetrachloroethane
Concen: 56.160 ug/L
RT: 10.175 min Scan# 2840
Delta R.T. 0.003 min
Lab File: VV036962.D
Acq: 16 Aug 2024 17:48

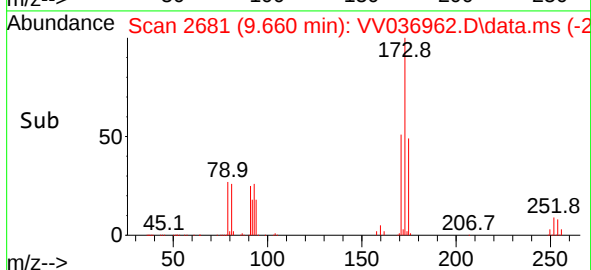
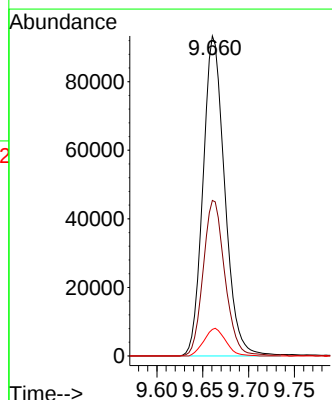
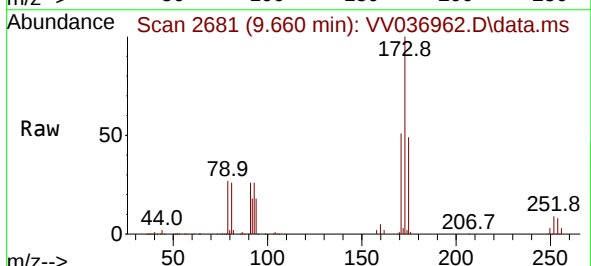
Instrument :
MSVOA_V
ClientSampleId :
JAAS5MS

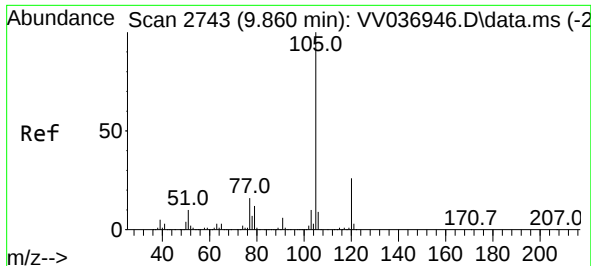
Tgt Ion: 83 Resp: 342553
Ion Ratio Lower Upper
83 100
85 65.4 44.7 83.1
131 9.0 7.2 10.8



#59
Bromoform
Concen: 46.405 ug/L
RT: 9.660 min Scan# 2681
Delta R.T. 0.003 min
Lab File: VV036962.D
Acq: 16 Aug 2024 17:48

Tgt Ion: 173 Resp: 153657
Ion Ratio Lower Upper
173 100
175 48.5 39.8 59.8
254 8.6 6.8 10.2

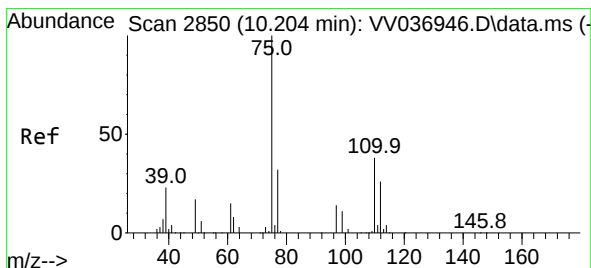
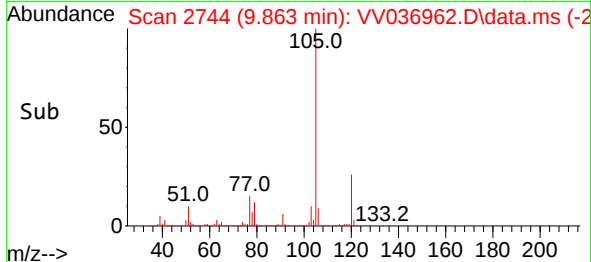
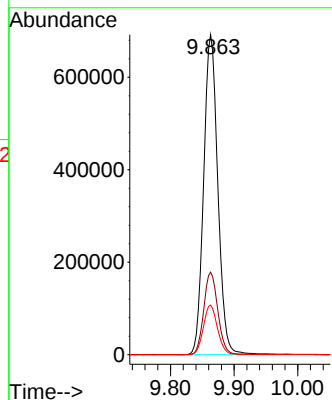
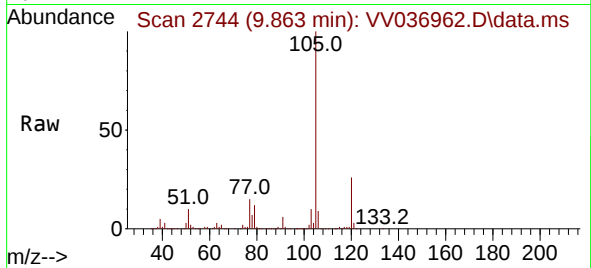




#60
Isopropylbenzene
Concen: 49.030 ug/L
RT: 9.863 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV036962.D
Acq: 16 Aug 2024 17:48

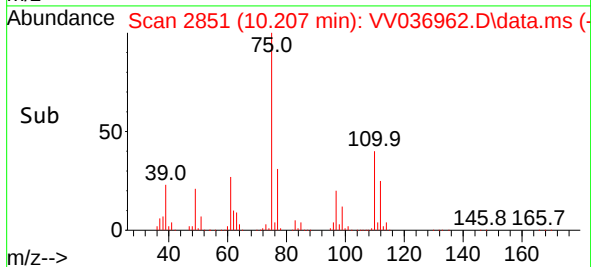
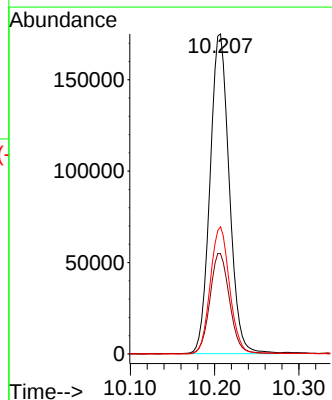
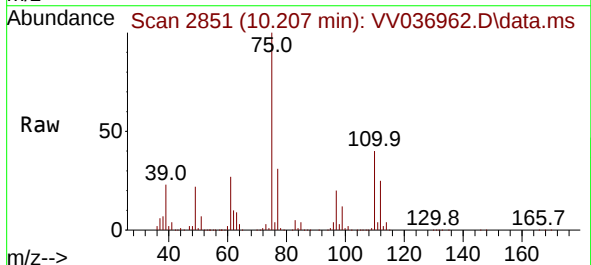
Instrument :
MSVOA_V
ClientSampleId :
JAAS5MS

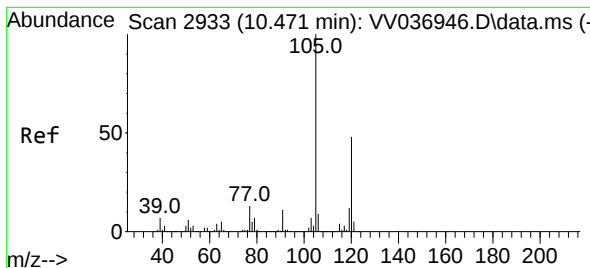
Tgt Ion:105 Resp: 1068400
Ion Ratio Lower Upper
105 100
120 25.6 20.3 30.5
77 15.5 13.1 19.7



#61
1,2,3-Trichloropropane
Concen: 51.537 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.003 min
Lab File: VV036962.D
Acq: 16 Aug 2024 17:48

Tgt Ion: 75 Resp: 277688
Ion Ratio Lower Upper
75 100
77 31.6 26.2 39.2
110 40.0 31.3 46.9





#62

1,3,5-Trimethylbenzene

Concen: 47.066 ug/L

RT: 10.471 min Scan# 2933

Delta R.T. -0.000 min

Lab File: VV036962.D

Acq: 16 Aug 2024 17:48

Instrument :

MSVOA_V

ClientSampleId :

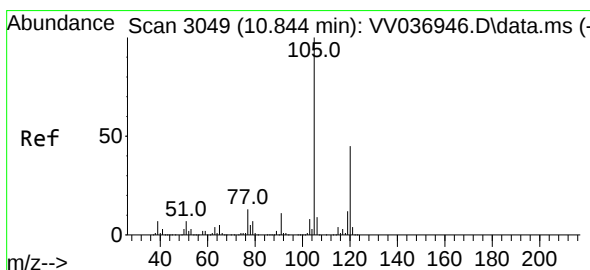
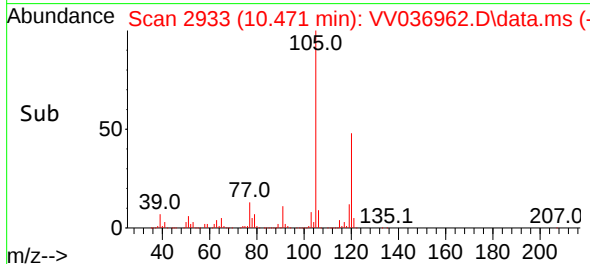
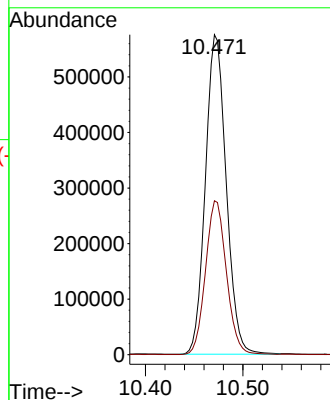
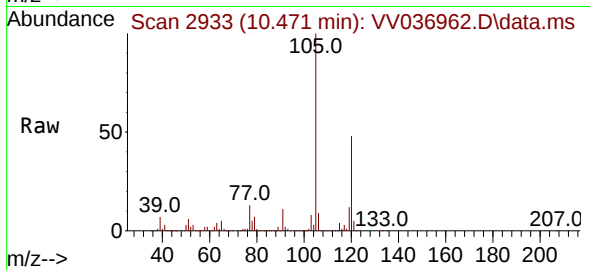
JAAS5MS

Tgt Ion:105 Resp: 853843

Ion Ratio Lower Upper

105 100

120 48.4 37.7 56.5



#63

1,2,4-Trimethylbenzene

Concen: 47.750 ug/L

RT: 10.847 min Scan# 3050

Delta R.T. 0.003 min

Lab File: VV036962.D

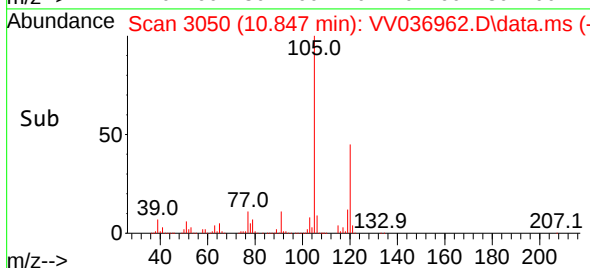
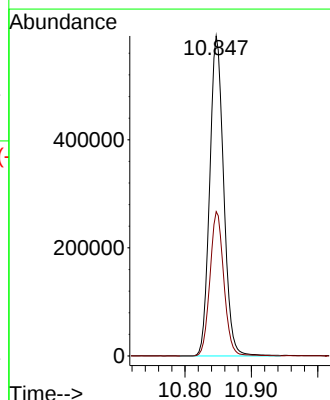
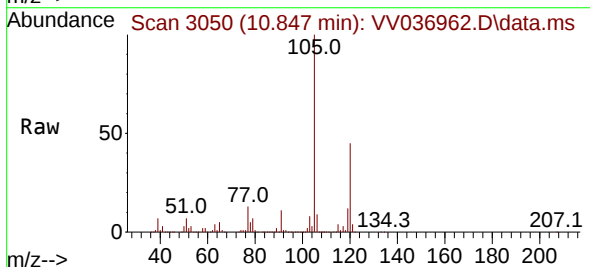
Acq: 16 Aug 2024 17:48

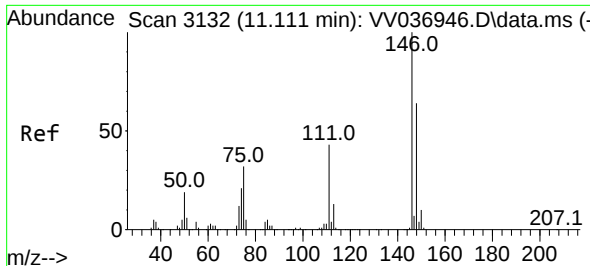
Tgt Ion:105 Resp: 867158

Ion Ratio Lower Upper

105 100

120 44.9 35.6 53.4

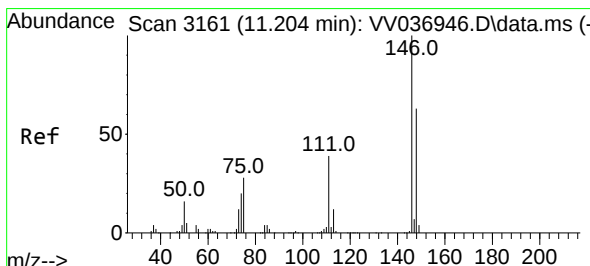
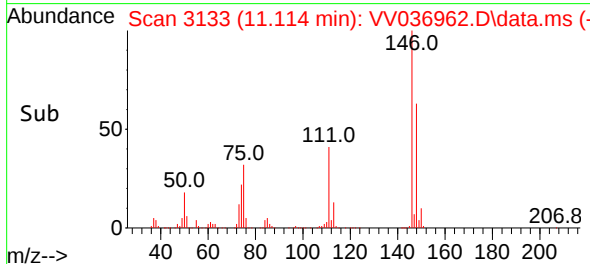
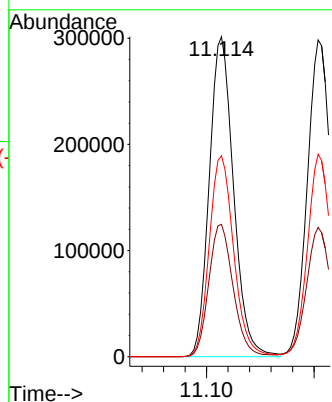
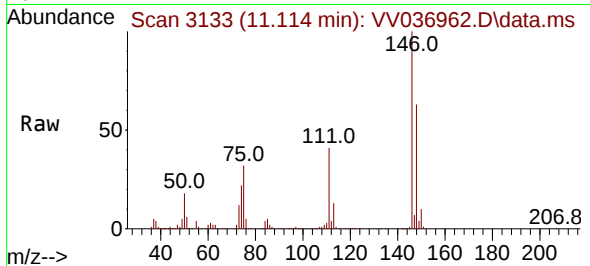




#64
1,3-Dichlorobenzene
Concen: 50.386 ug/L
RT: 11.114 min Scan# 3133
Delta R.T. 0.003 min
Lab File: VV036962.D
Acq: 16 Aug 2024 17:48

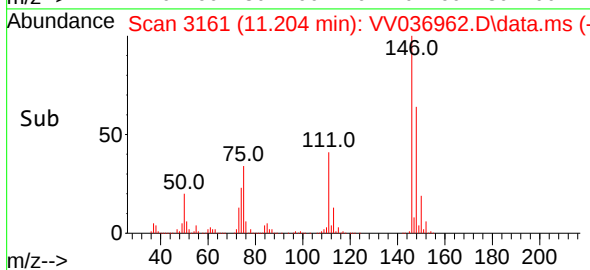
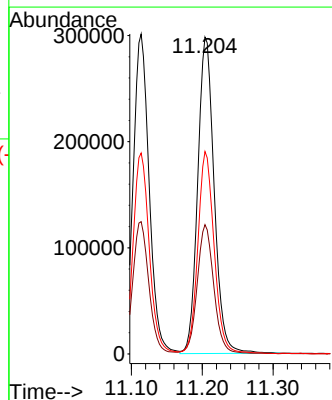
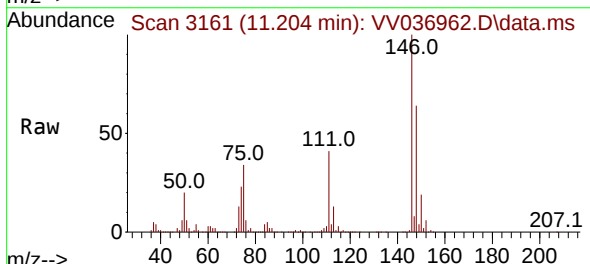
Instrument :
MSVOA_V
ClientSampleId :
JAAS5MS

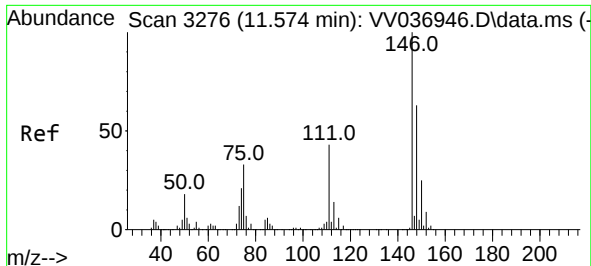
Tgt Ion:146 Resp: 472144
Ion Ratio Lower Upper
146 100
111 41.3 29.8 55.4
148 62.8 43.4 80.6



#65
1,4-Dichlorobenzene
Concen: 50.519 ug/L
RT: 11.204 min Scan# 3161
Delta R.T. -0.000 min
Lab File: VV036962.D
Acq: 16 Aug 2024 17:48

Tgt Ion:146 Resp: 481391
Ion Ratio Lower Upper
146 100
111 40.8 29.0 53.9
148 63.9 43.8 81.4

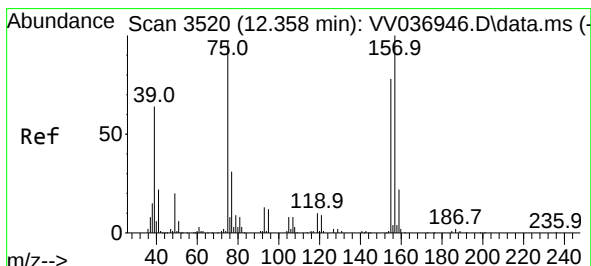
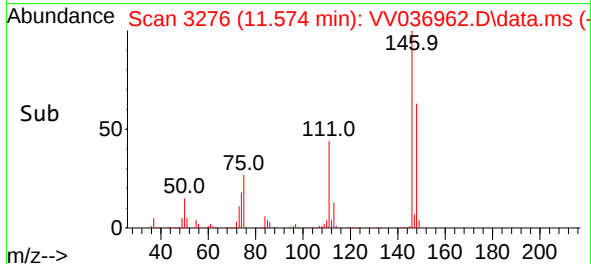
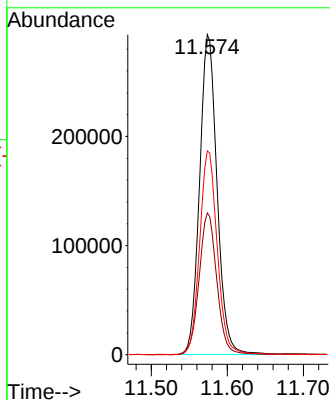
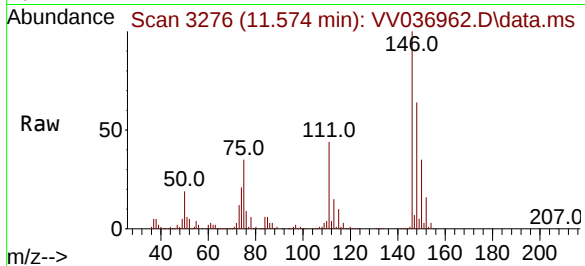




#67
1,2-Dichlorobenzene
Concen: 51.079 ug/L
RT: 11.574 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV036962.D
Acq: 16 Aug 2024 17:48

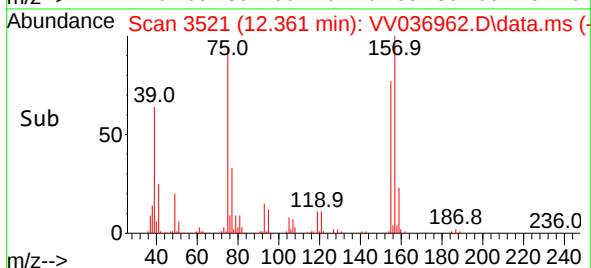
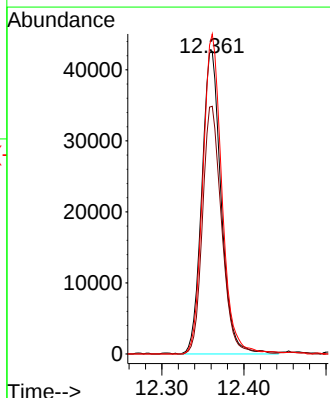
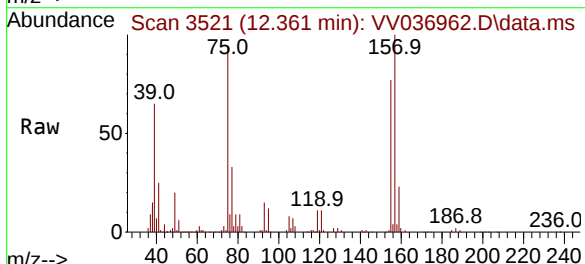
Instrument :
MSVOA_V
ClientSampleId :
JAAS5MS

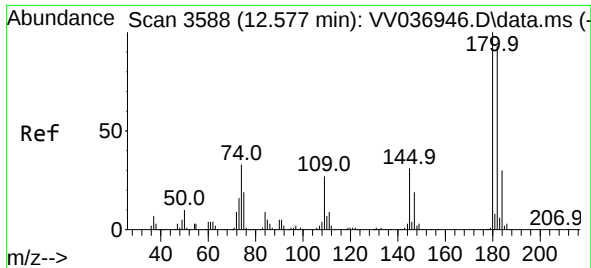
Tgt Ion:146 Resp: 467460
Ion Ratio Lower Upper
146 100
111 44.3 35.7 53.5
148 63.7 51.2 76.8



#68
1,2-Dibromo-3-chloropropane
Concen: 45.032 ug/L
RT: 12.361 min Scan# 3521
Delta R.T. 0.003 min
Lab File: VV036962.D
Acq: 16 Aug 2024 17:48

Tgt Ion: 75 Resp: 70116
Ion Ratio Lower Upper
75 100
155 82.0 59.5 89.3
157 105.9 81.0 121.4

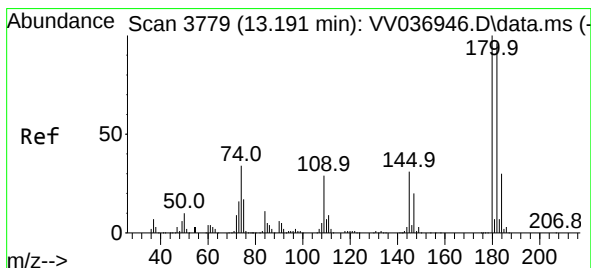
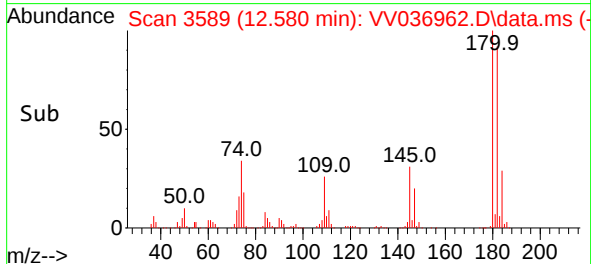
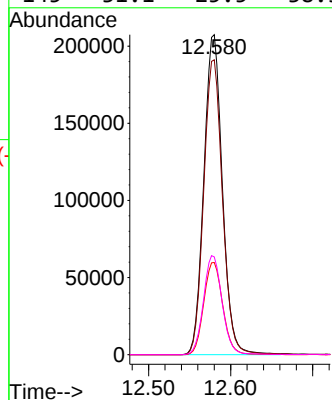
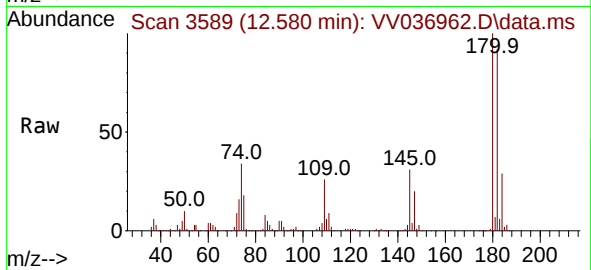




#69
1,3,5-Trichlorobenzene
Concen: 48.999 ug/L
RT: 12.580 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV036962.D
Acq: 16 Aug 2024 17:48

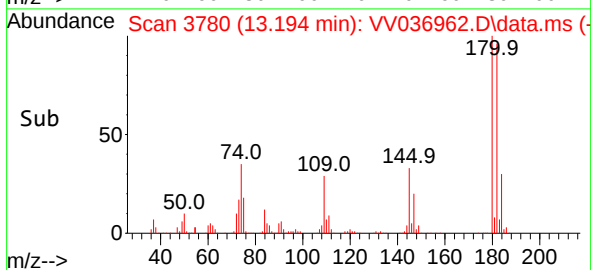
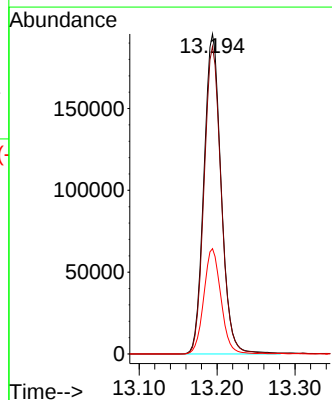
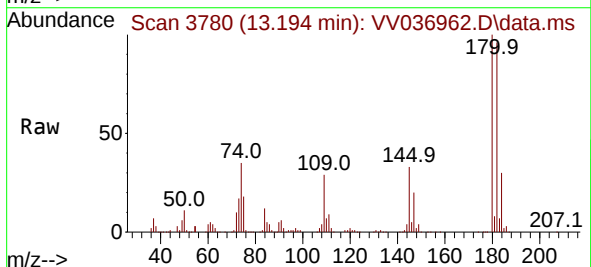
Instrument :
MSVOA_V
ClientSampleId :
JAAS5MS

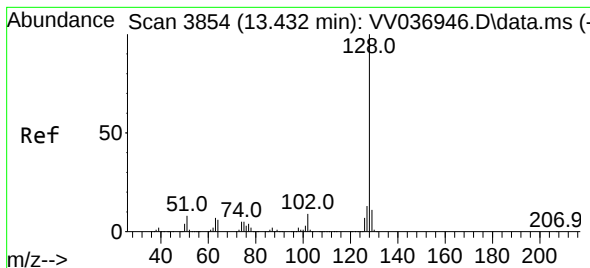
Tgt Ion:180	Resp:	325835
Ion Ratio	Lower	Upper
180	100	
182	93.0	75.0 112.6
184	29.3	23.7 35.5
145	31.1	25.5 38.3



#70
1,2,4-trichlorobenzene
Concen: 47.132 ug/L
RT: 13.194 min Scan# 3780
Delta R.T. 0.003 min
Lab File: VV036962.D
Acq: 16 Aug 2024 17:48

Tgt Ion:180	Resp:	300598
Ion Ratio	Lower	Upper
180	100	
182	95.4	75.1 112.7
145	32.6	26.5 39.7





#71

Naphthalene

Concen: 47.610 ug/L

RT: 13.435 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV036962.D

Acq: 16 Aug 2024 17:48

Instrument :

MSVOA_V

ClientSampleId :

JAAS5MS

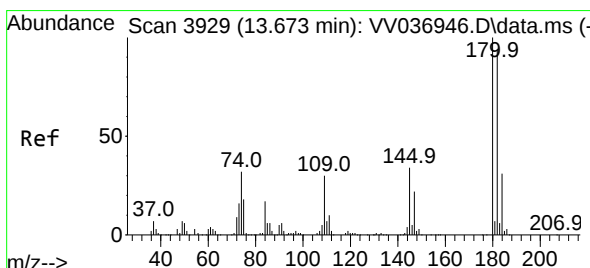
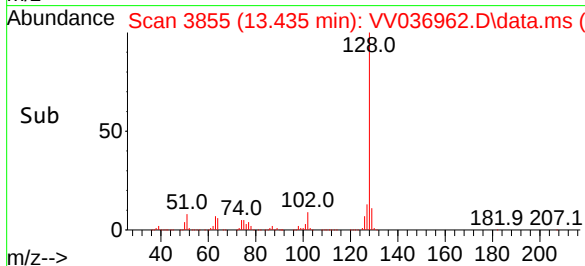
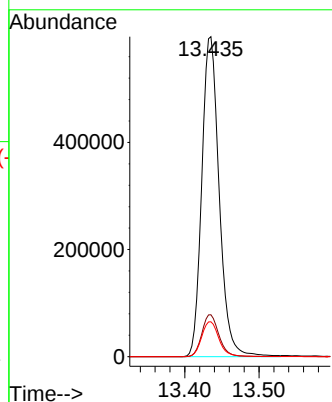
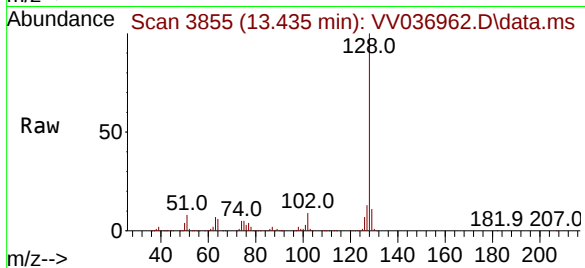
Tgt Ion:128 Resp: 973721

Ion Ratio Lower Upper

128 100

127 12.9 10.5 15.7

129 10.9 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 48.978 ug/L

RT: 13.676 min Scan# 3930

Delta R.T. 0.003 min

Lab File: VV036962.D

Acq: 16 Aug 2024 17:48

Tgt Ion:180 Resp: 305768

Ion Ratio Lower Upper

180 100

182 95.1 76.2 114.2

145 34.3 27.8 41.6

