

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062824\
 Data File : VW036338.D
 Acq On : 28 Jun 2024 08:41
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 28 23:24:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 28 04:20:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	334006	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	334609	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	179063	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	147651	26.029	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 104.120%	
7) Chloroethane-d5	1.529	69	120096	26.507	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 106.040%	
11) 1,1-Dichloroethene-d2	2.050	65	68681	25.756	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 103.040%	
21) 2-Butanone-d5	3.838	46	14081	10.696	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 21.400%	
24) Chloroform-d	4.240	84	258864	26.256	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 105.040%	
26) 1,2-Dichloroethane-d4	4.937	65	132816	25.261	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 101.040%	
32) Benzene-d6	4.953	84	497898	26.360	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 105.440%	
36) 1,2-Dichloropropane-d6	5.982	67	148923	26.212	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 104.840%	
41) Toluene-d8	7.236	98	459018	26.953	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 107.800%	
43) trans-1,3-Dichloroprop...	7.548	79	62586	24.668	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 98.680%	
47) 2-Hexanone-d5	8.031	63	33892	37.371	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 74.740%	
56) 1,1,2,2-Tetrachloroeth...	10.149	84	106402	22.846	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 91.400%	
66) 1,2-Dichlorobenzene-d4	11.554	152	155131	23.774	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 95.080%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	154666	24.372	ug/L	100
3) Chloromethane	1.211	50	141894	24.701	ug/L	100
5) Vinyl chloride	1.278	62	161322	24.320	ug/L	99
6) Bromomethane	1.484	94	111303	24.949	ug/L	99
8) Chloroethane	1.545	64	99976	24.455	ug/L	99
9) Trichlorofluoromethane	1.709	101	225454	23.799	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	147279	24.785	ug/L	98
12) 1,1-Dichloroethene	2.063	96	130922	24.885	ug/L	97
13) Acetone	2.384	43	41263	23.199	ug/L	100
14) Carbon disulfide	2.233	76	414956	24.999	ug/L	100
15) Methyl Acetate	2.384	43	46043	20.117	ug/L	98
16) Methylene chloride	2.439	84	153715	23.377	ug/L	97
17) trans-1,2-Dichloroethene	2.687	96	125764	24.076	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	260362	21.412	ug/L	100
19) 1,1-Dichloroethane	3.105	63	228056	24.555	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	121702	23.165	ug/L	98
22) 2-Butanone	3.921	43	47798	31.871	ug/L	81
23) Bromochloromethane	4.143	128	66460	24.260	ug/L	97
25) Chloroform	4.269	83	247109	24.945	ug/L	100

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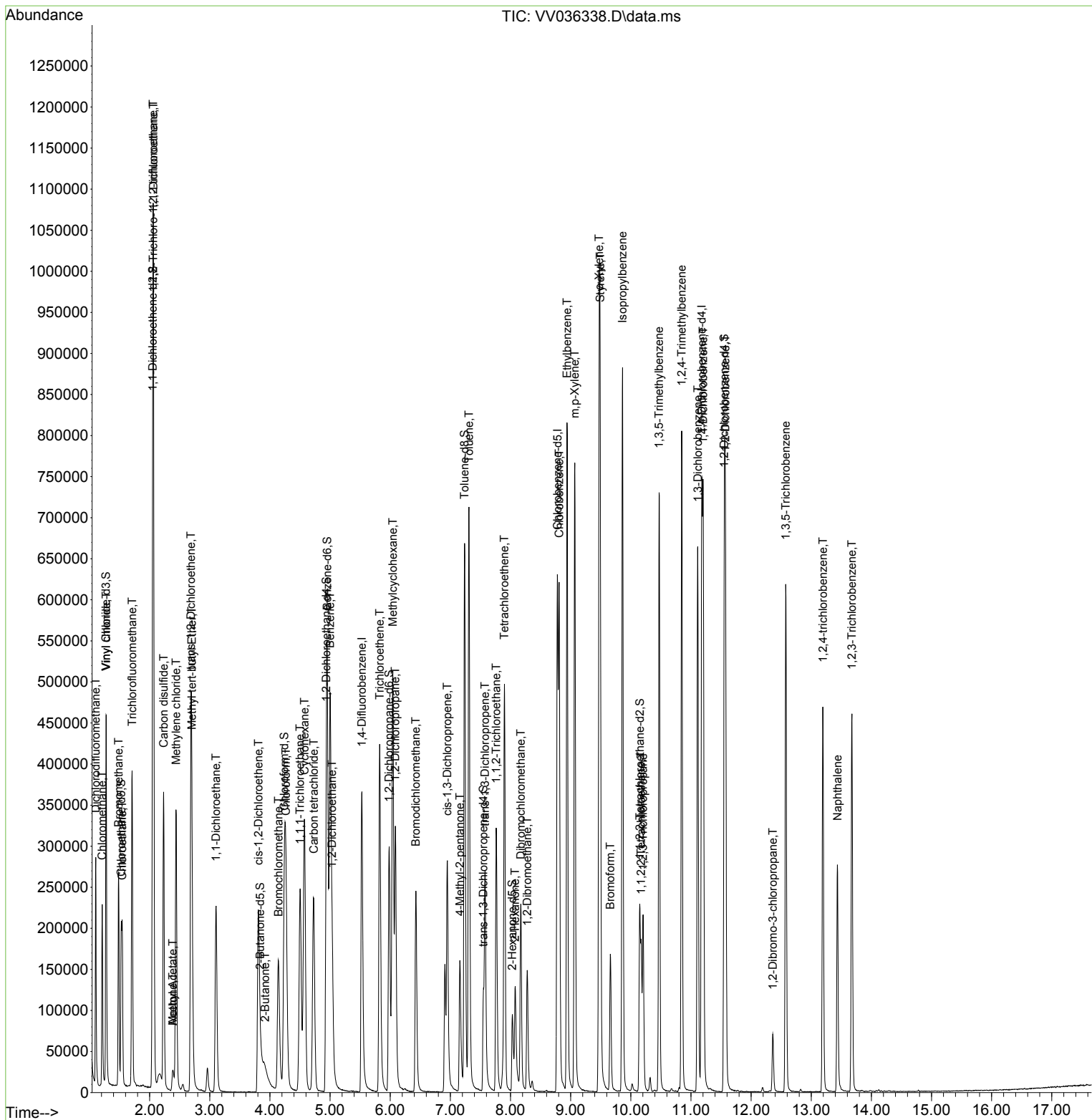
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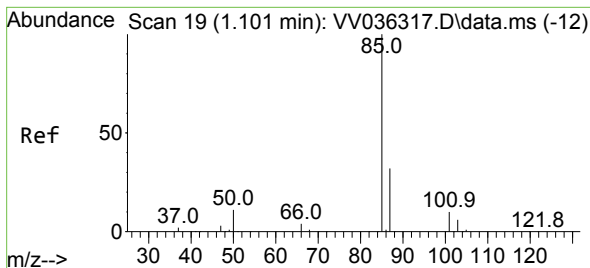
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 Quant Title : VOC Analysis
 QLast Update : Fri Jun 28 04:20:38 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	149842	23.360	ug/L	98
29) Cyclohexane	4.574	56	165278	23.185	ug/L	98
30) 1,1,1-Trichloroethane	4.503	97	206950	24.944	ug/L	99
31) Carbon tetrachloride	4.728	117	183918	24.879	ug/L	99
33) Benzene	5.002	78	500634	25.261	ug/L	100
34) Trichloroethene	5.825	95	151007	24.146	ug/L	99
35) Methylcyclohexane	6.043	83	212672	24.401	ug/L	99
37) 1,2-Dichloropropane	6.085	63	128181	25.324	ug/L	99
38) Bromodichloromethane	6.426	83	171588	24.786	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	178320	22.911	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	108154	37.888	ug/L	99
42) Toluene	7.310	91	538134	25.969	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	166435	23.775	ug/L	98
45) 1,1,2-Trichloroethane	7.764	97	104554	23.370	ug/L	98
46) Tetrachloroethene	7.899	164	112207	24.687	ug/L	98
48) 2-Hexanone	8.079	43	82918	36.929	ug/L	98
49) Dibromochloromethane	8.172	129	117798	23.620	ug/L	98
50) 1,2-Dibromoethane	8.278	107	102701	23.302	ug/L	98
51) Chlorobenzene	8.809	112	344954	24.352	ug/L	98
52) Ethylbenzene	8.940	91	552317	24.698	ug/L	100
53) m,p-Xylene	9.069	106	213059	25.563	ug/L	98
54) o-Xylene	9.474	106	197860	25.244	ug/L	98
55) Styrene	9.490	104	367768	26.773	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.172	83	86622	21.633	ug/L	100
59) Bromoform	9.661	173	74967	22.117	ug/L	99
60) Isopropylbenzene	9.863	105	544500	25.156	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	86316	21.360	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	378956	24.464	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	419878	24.943	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	275765	24.450	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	285017	23.574	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	254158	23.604	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.362	75	18396	20.291	ug/L	94
69) 1,3,5-Trichlorobenzene	12.577	180	193262	22.756	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	146854	21.684	ug/L	100
71) Naphthalene	13.435	128	221802	18.368	ug/L	100
72) 1,2,3-Trichlorobenzene	13.677	180	140962	22.134	ug/L	99

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

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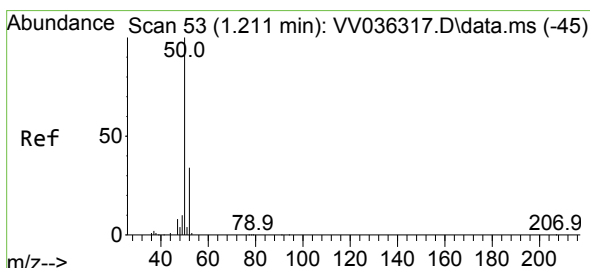
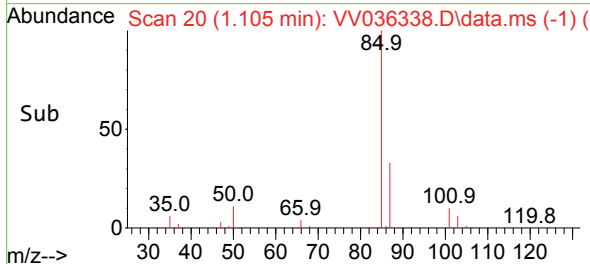
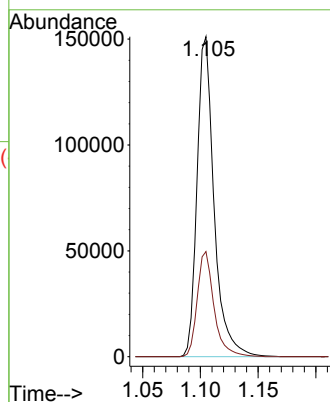
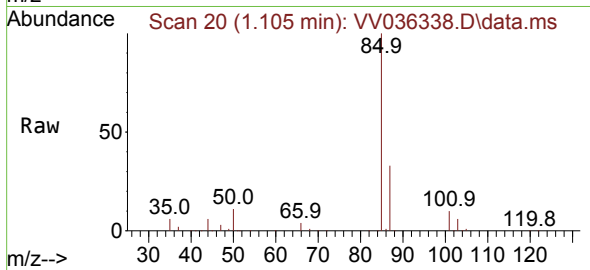




#2
Dichlorodifluoromethane
Concen: 24.372 ug/L
RT: 1.105 min Scan# 20
Delta R.T. 0.003 min
Lab File: VV036338.D
Acq: 28 Jun 2024 08:41

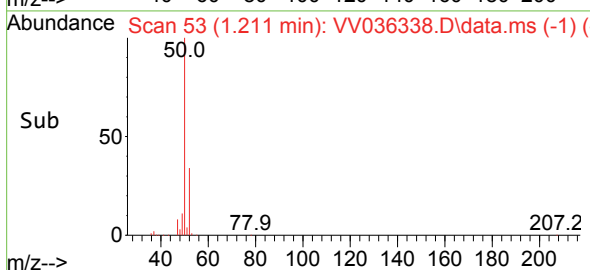
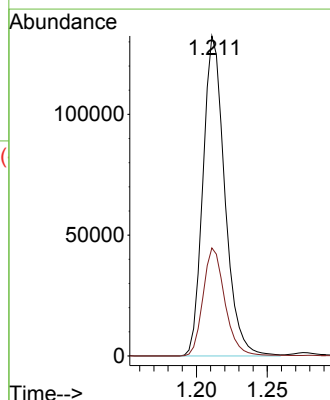
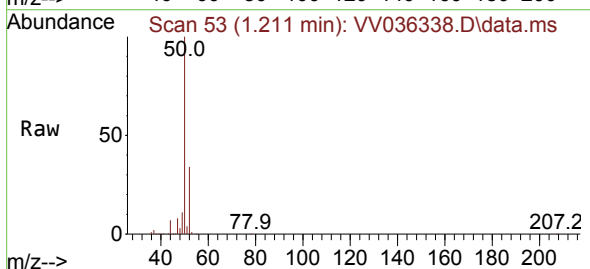
Instrument :
MSVOA_V
ClientSampleId :

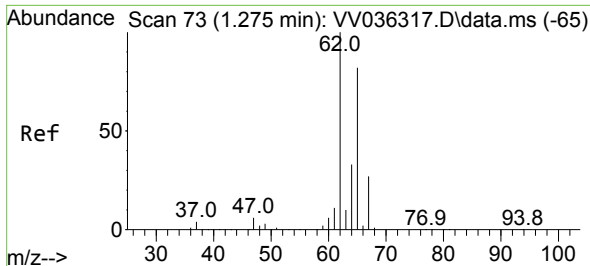
Tgt Ion: 85 Resp: 154666
Ion Ratio Lower Upper
85 100
87 32.4 25.9 38.9



#3
Chloromethane
Concen: 24.701 ug/L
RT: 1.211 min Scan# 53
Delta R.T. 0.000 min
Lab File: VV036338.D
Acq: 28 Jun 2024 08:41

Tgt Ion: 50 Resp: 141894
Ion Ratio Lower Upper
50 100
52 33.8 23.5 43.7

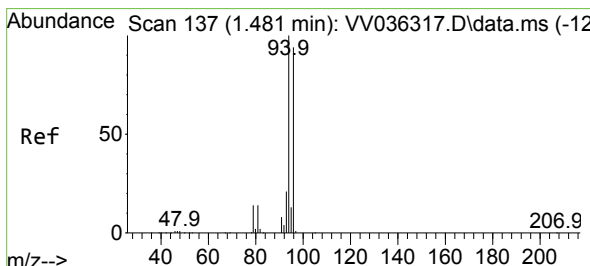
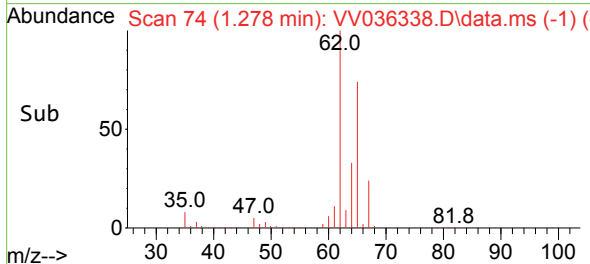
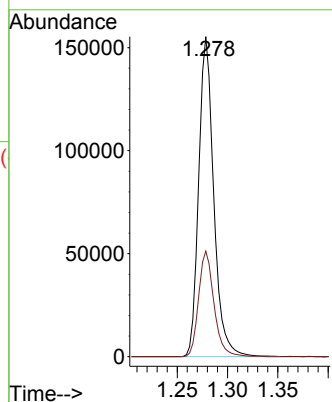
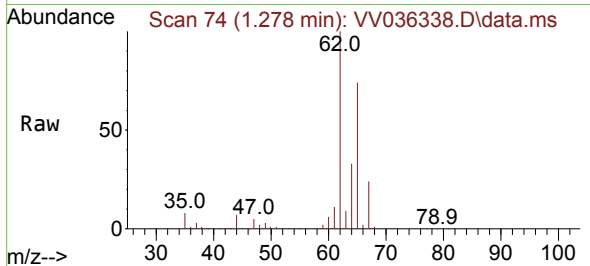




#5
 Vinyl chloride
 Concen: 24.320 ug/L
 RT: 1.278 min Scan# 74
 Delta R.T. 0.003 min
 Lab File: VV036338.D
 Acq: 28 Jun 2024 08:41

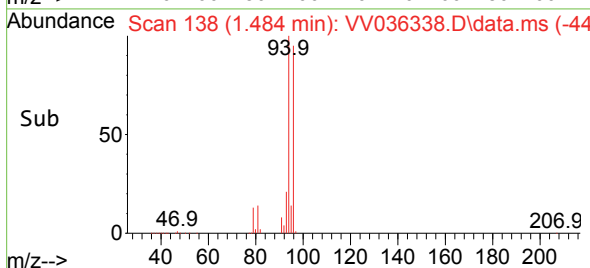
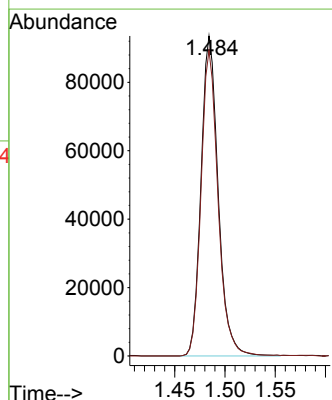
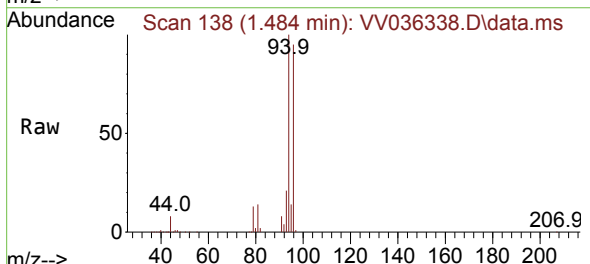
Instrument :
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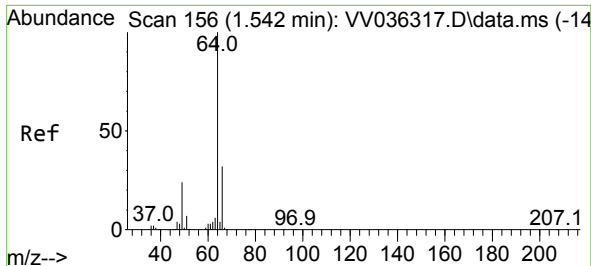
Tgt Ion: 62 Resp: 161322
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.4 43.4



#6
 Bromomethane
 Concen: 24.949 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. 0.003 min
 Lab File: VV036338.D
 Acq: 28 Jun 2024 08:41

Tgt Ion: 94 Resp: 111303
 Ion Ratio Lower Upper
 94 100
 96 95.5 66.1 122.7

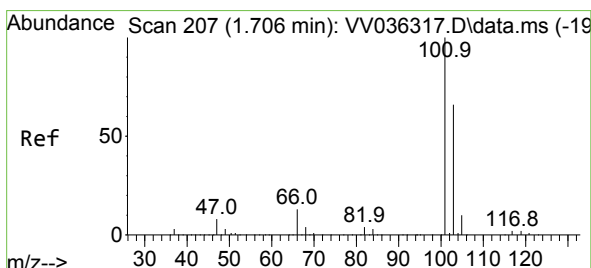
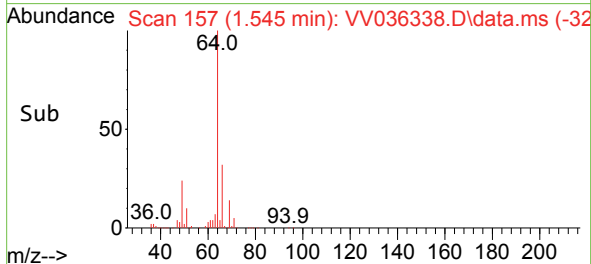
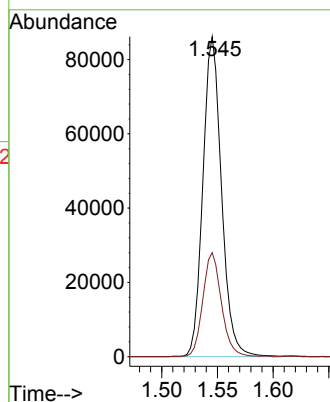
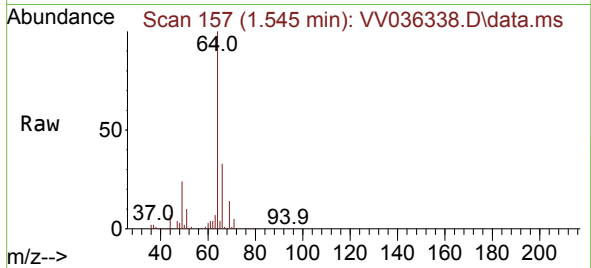




#8
Chloroethane
Concen: 24.455 ug/L
RT: 1.545 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV036338.D
Acq: 28 Jun 2024 08:41

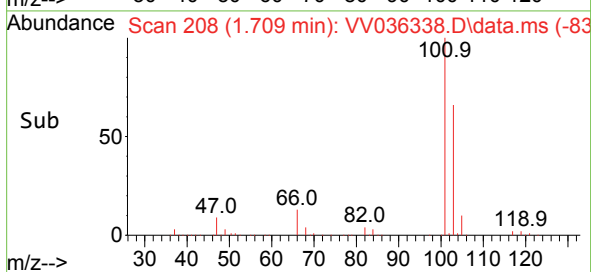
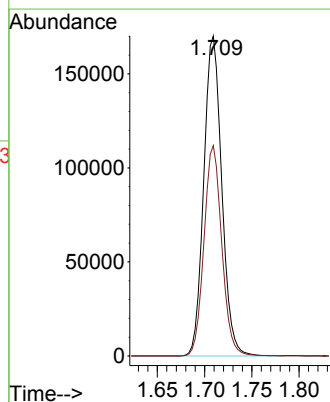
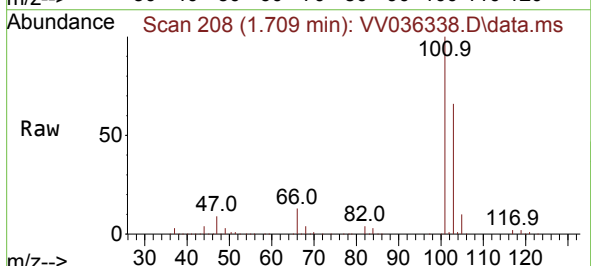
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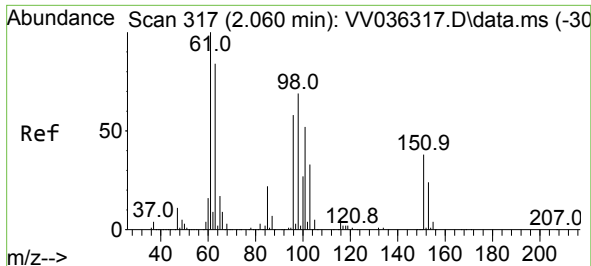
Tgt Ion: 64 Resp: 99976
Ion Ratio Lower Upper
64 100
66 32.5 23.0 42.6



#9
Trichlorofluoromethane
Concen: 23.799 ug/L
RT: 1.709 min Scan# 208
Delta R.T. 0.003 min
Lab File: VV036338.D
Acq: 28 Jun 2024 08:41

Tgt Ion:101 Resp: 225454
Ion Ratio Lower Upper
101 100
103 64.9 51.7 77.5

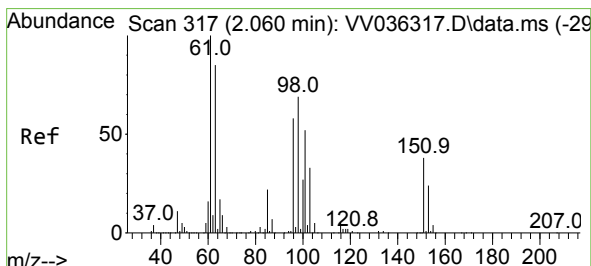
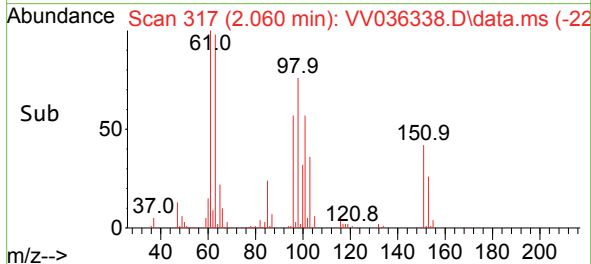
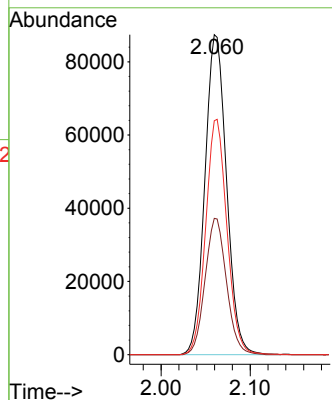
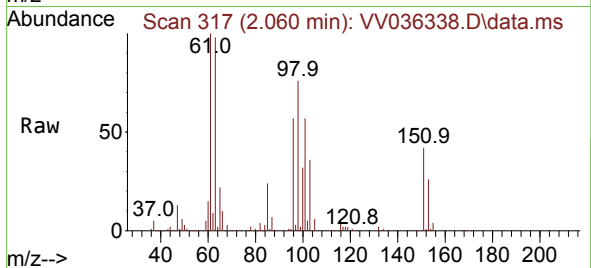




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 24.785 ug/L
RT: 2.060 min Scan# 317
Delta R.T. 0.000 min
Lab File: VV036338.D
Acq: 28 Jun 2024 08:41

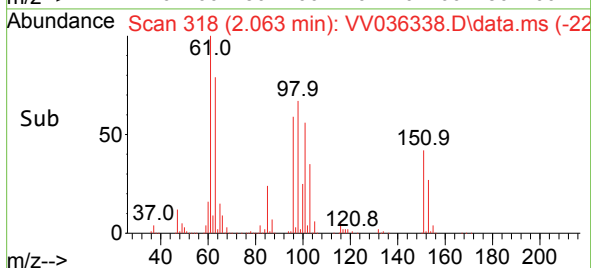
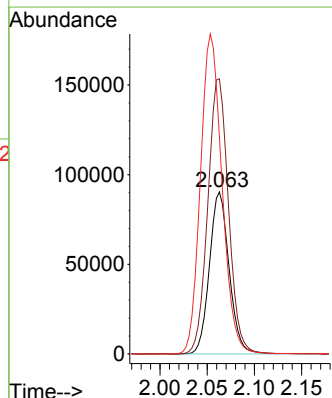
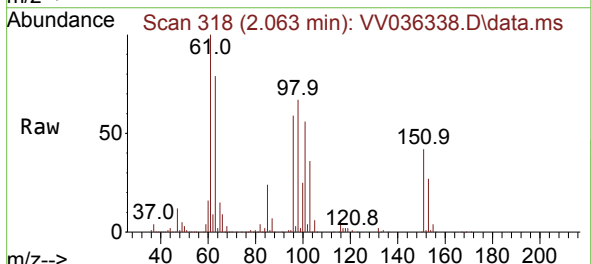
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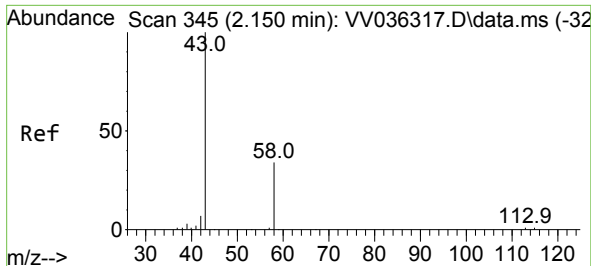
Tgt Ion:101 Resp: 147279
Ion Ratio Lower Upper
101 100
85 42.1 34.6 51.8
151 72.3 58.9 88.3



#12
1,1-Dichloroethene
Concen: 24.885 ug/L
RT: 2.063 min Scan# 318
Delta R.T. 0.003 min
Lab File: VV036338.D
Acq: 28 Jun 2024 08:41

Tgt Ion: 96 Resp: 130922
Ion Ratio Lower Upper
96 100
61 169.8 122.6 227.8
63 134.0 96.1 178.5





#13

Acetone

Concen: 23.199 ug/L

RT: 2.384 min Scan# 41

Delta R.T. 0.235 min

Lab File: VV036338.D

Acq: 28 Jun 2024 08:41

Instrument :

MSVOA_V

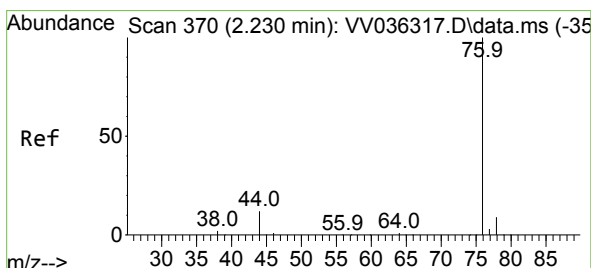
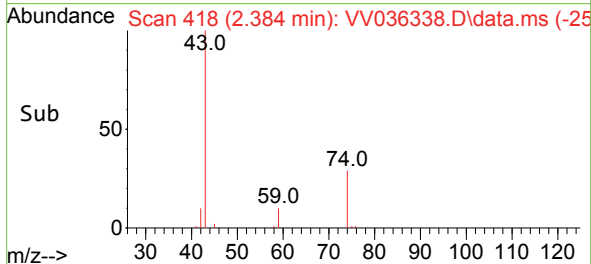
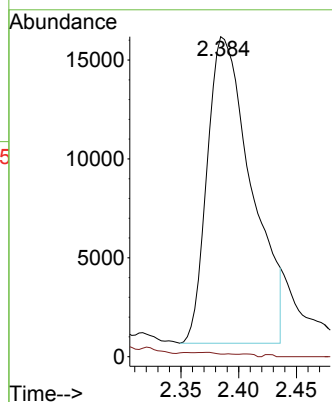
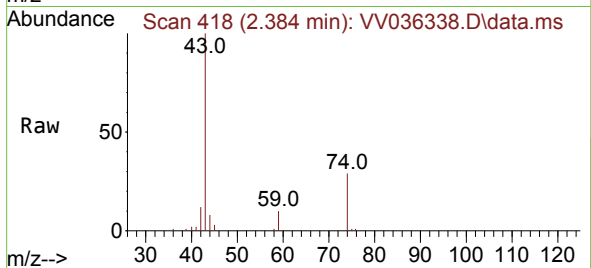
ClientSampleId :

Tgt Ion: 43 Resp: 41263

Ion Ratio Lower Upper

43 100

58 0.1 0.0 0.6



#14

Carbon disulfide

Concen: 24.999 ug/L

RT: 2.233 min Scan# 371

Delta R.T. 0.003 min

Lab File: VV036338.D

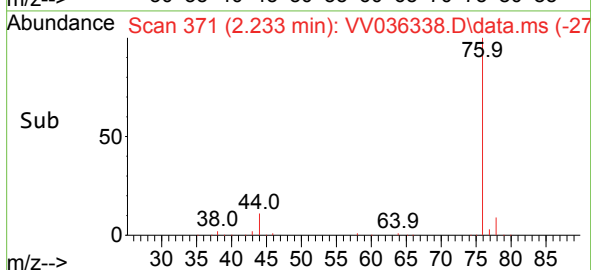
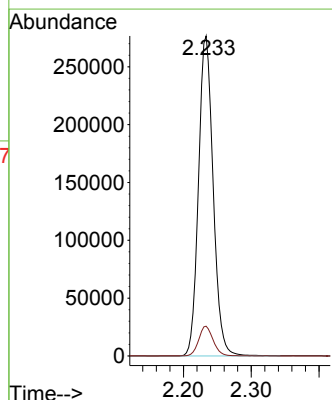
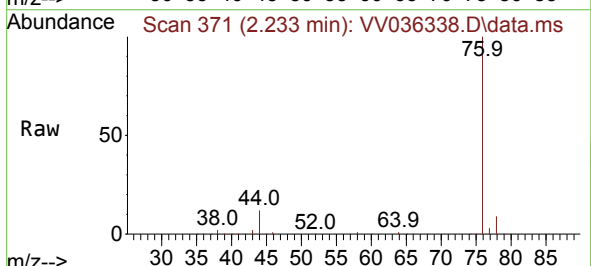
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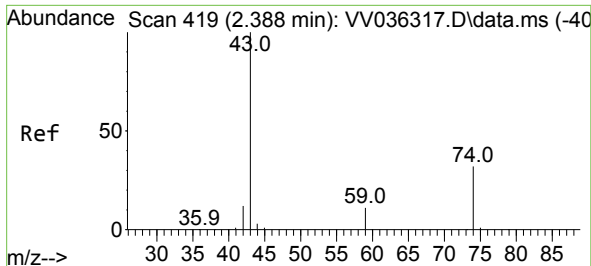
Tgt Ion: 76 Resp: 414956

Ion Ratio Lower Upper

76 100

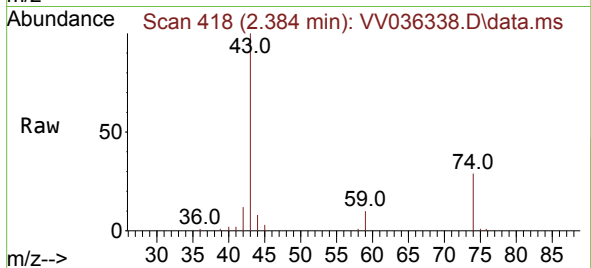
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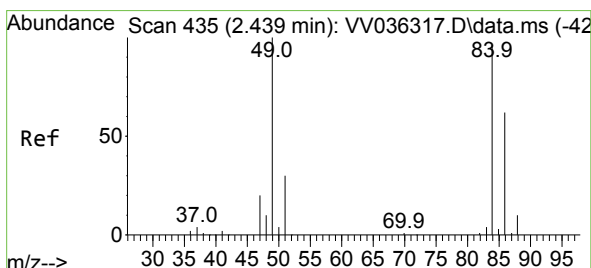
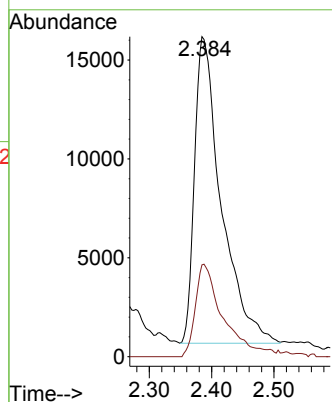
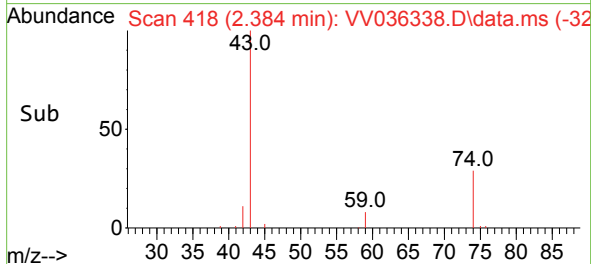


#15
Methyl Acetate
Concen: 20.117 ug/L
RT: 2.384 min Scan# 419
Delta R.T. -0.003 min
Lab File: VV036338.D
Acq: 28 Jun 2024 08:41

Instrument :
MSVOA_V
ClientSampleId :

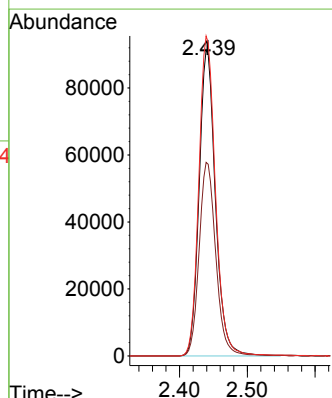
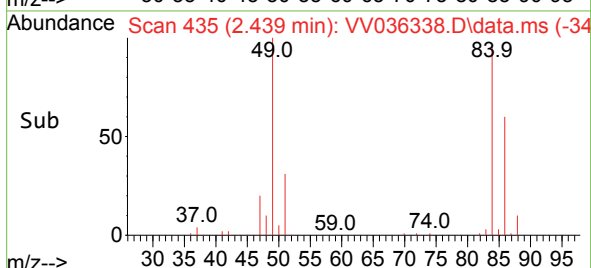
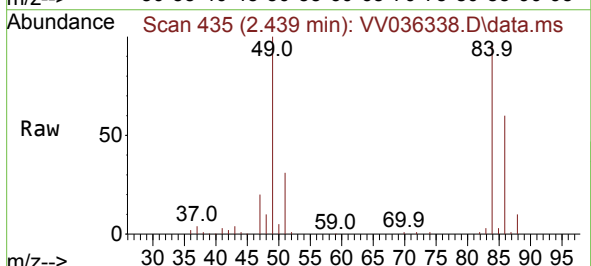


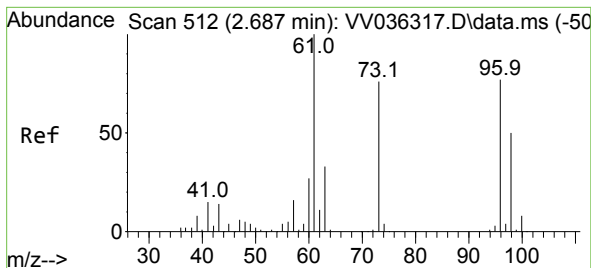
Tgt Ion: 43 Resp: 46043
Ion Ratio Lower Upper
43 100
74 30.8 23.8 35.6



#16
Methylene chloride
Concen: 23.377 ug/L
RT: 2.439 min Scan# 435
Delta R.T. 0.000 min
Lab File: VV036338.D
Acq: 28 Jun 2024 08:41

Tgt Ion: 84 Resp: 153715
Ion Ratio Lower Upper
84 100
86 63.3 45.6 84.8
49 104.6 75.7 140.5





#17

trans-1,2-Dichloroethene

Concen: 24.076 ug/L

RT: 2.687 min Scan# 512

Delta R.T. 0.000 min

Lab File: VV036338.D

Acq: 28 Jun 2024 08:41

Instrument :

MSVOA_V

ClientSampleId :

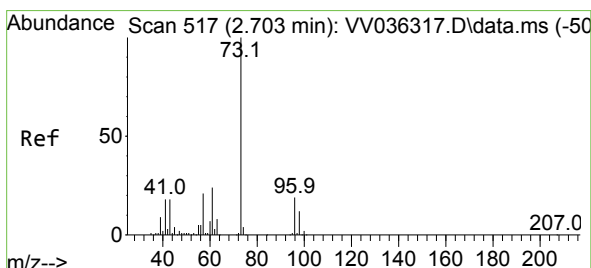
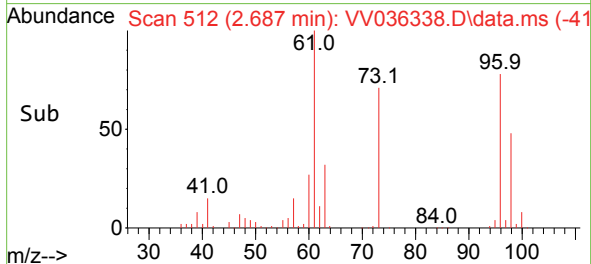
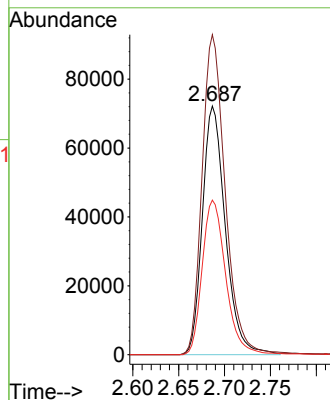
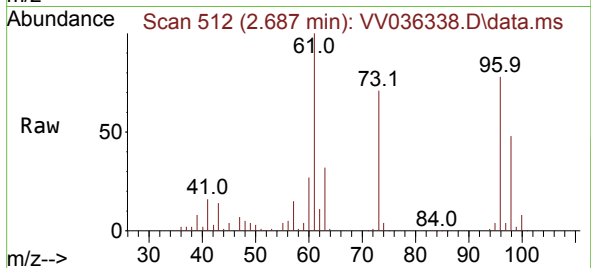
Tgt Ion: 96 Resp: 125764

Ion Ratio Lower Upper

96 100

61 128.7 89.8 166.8

98 62.1 45.3 84.1



#18

Methyl tert-butyl Ether

Concen: 21.412 ug/L

RT: 2.703 min Scan# 517

Delta R.T. 0.000 min

Lab File: VV036338.D

Acq: 28 Jun 2024 08:41

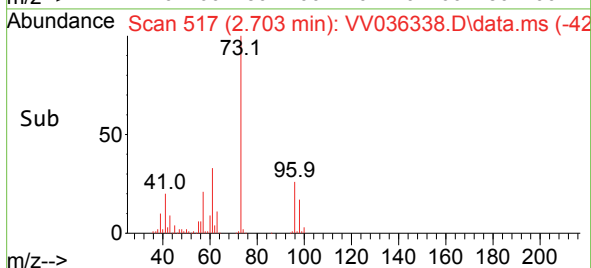
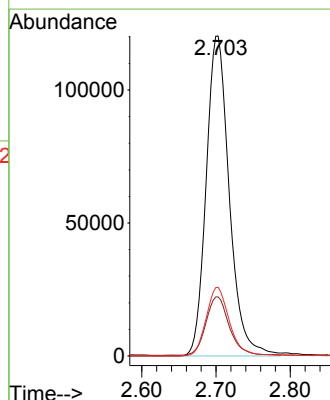
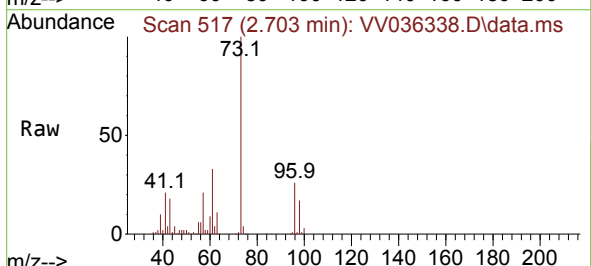
Tgt Ion: 73 Resp: 260362

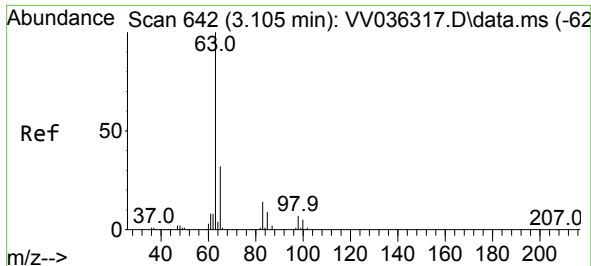
Ion Ratio Lower Upper

73 100

43 18.3 14.7 22.1

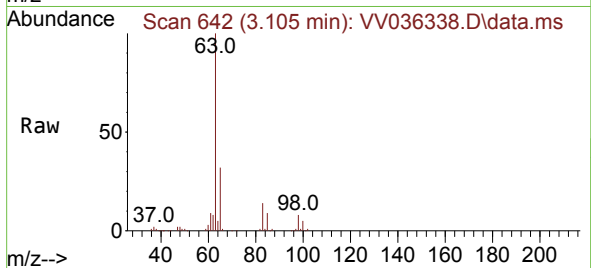
57 21.4 17.0 25.6



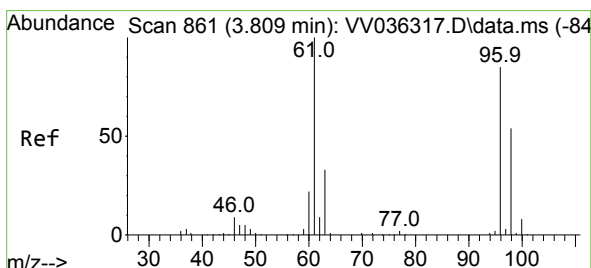
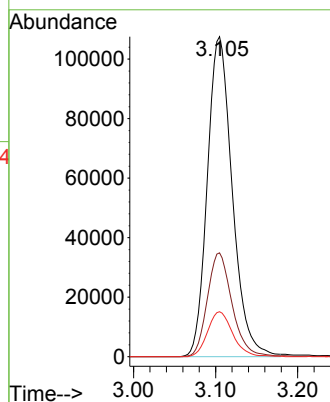
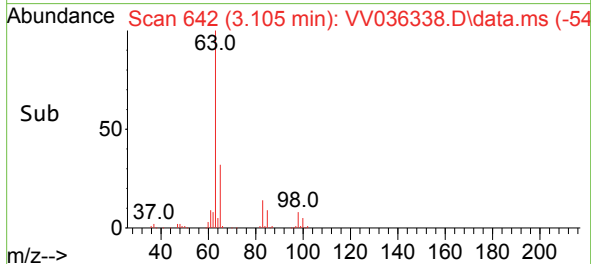


#19
1,1-Dichloroethane
Concen: 24.555 ug/L
RT: 3.105 min Scan# 642
Delta R.T. 0.000 min
Lab File: VV036338.D
Acq: 28 Jun 2024 08:41

Instrument :
MSVOA_V
ClientSampleId :

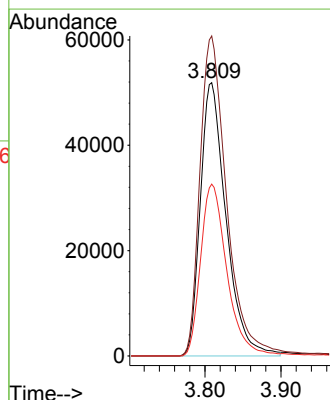
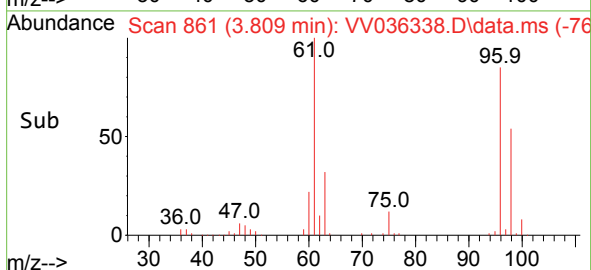
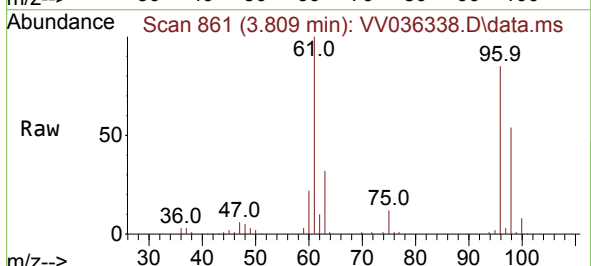


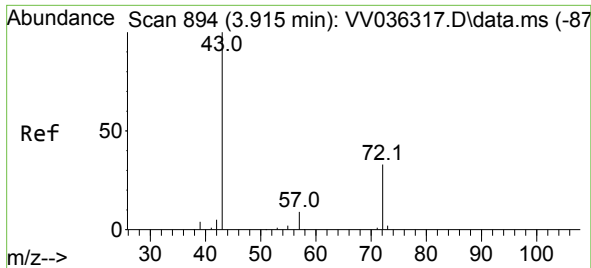
Tgt Ion: 63 Resp: 228056
Ion Ratio Lower Upper
63 100
65 32.5 22.1 41.1
83 14.1 9.7 17.9



#20
cis-1,2-Dichloroethene
Concen: 23.165 ug/L
RT: 3.809 min Scan# 861
Delta R.T. 0.000 min
Lab File: VV036338.D
Acq: 28 Jun 2024 08:41

Tgt Ion: 96 Resp: 121702
Ion Ratio Lower Upper
96 100
61 117.1 83.7 155.5
98 62.9 44.2 82.0

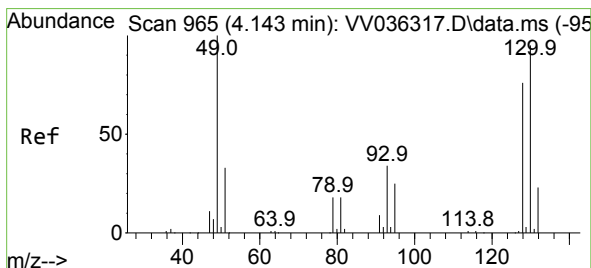
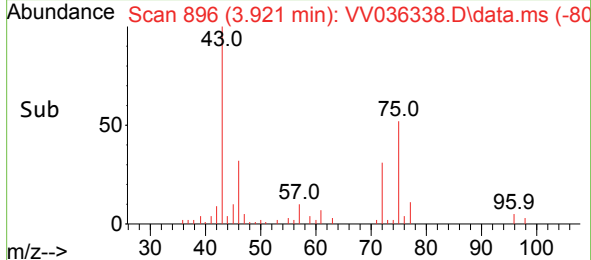
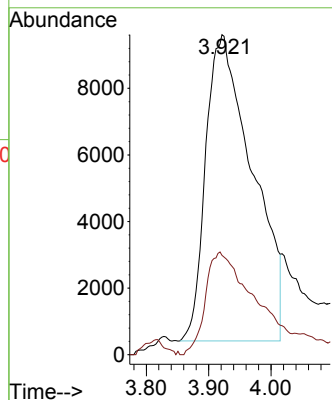
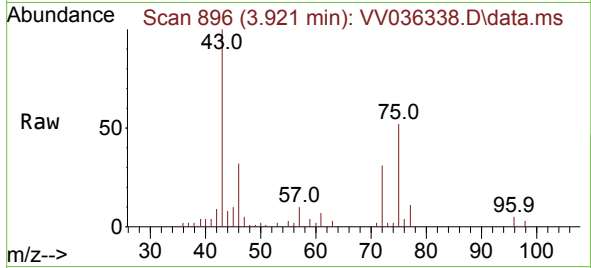




#22
2-Butanone
Concen: 31.871 ug/L
RT: 3.921 min Scan# 894
Delta R.T. 0.007 min
Lab File: VV036338.D
Acq: 28 Jun 2024 08:41

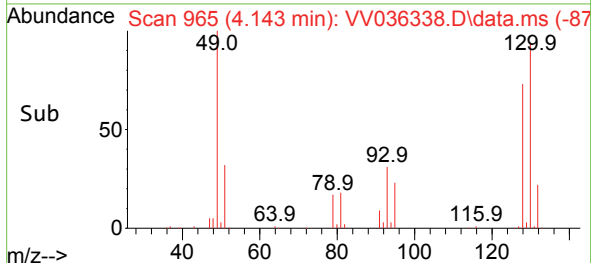
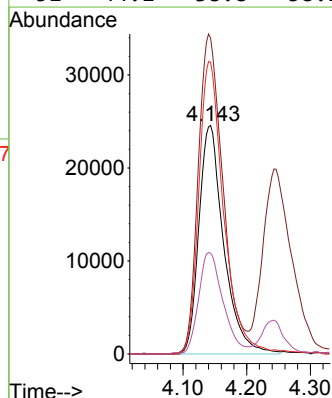
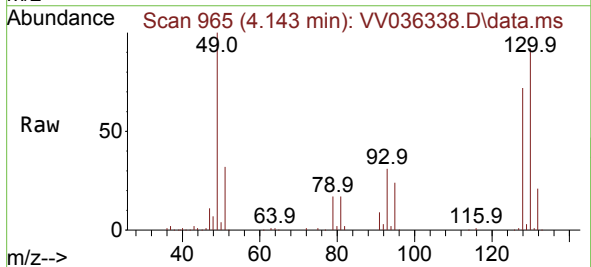
Instrument :
MSVOA_V
ClientSampleId :

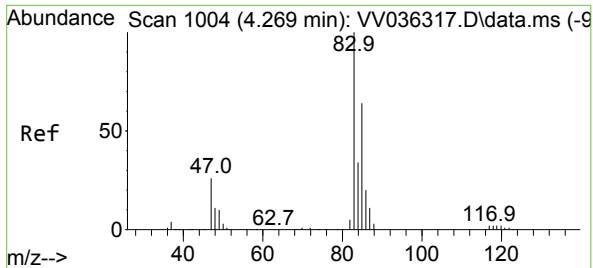
Tgt Ion: 43 Resp: 47798
Ion Ratio Lower Upper
43 100
72 35.5 12.9 38.7



#23
Bromochloromethane
Concen: 24.260 ug/L
RT: 4.143 min Scan# 965
Delta R.T. 0.000 min
Lab File: VV036338.D
Acq: 28 Jun 2024 08:41

Tgt Ion: 128 Resp: 66460
Ion Ratio Lower Upper
128 100
49 138.3 99.2 184.2
130 127.8 88.9 165.1
51 44.1 38.8 58.2

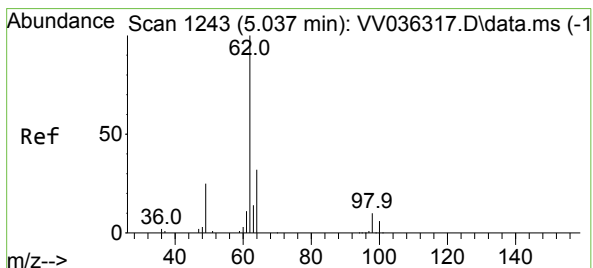
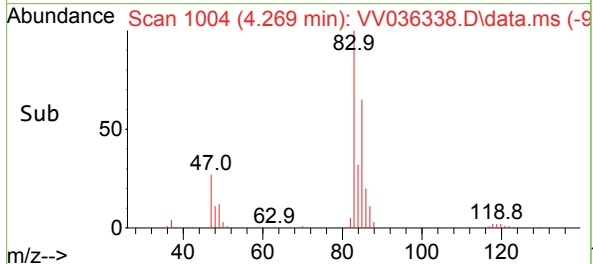
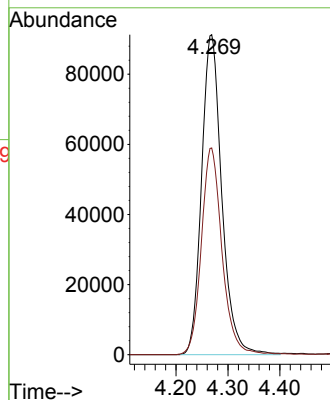
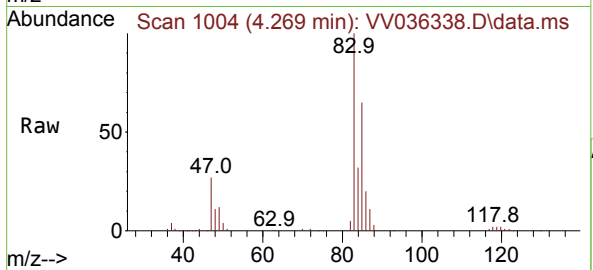




#25
Chloroform
Concen: 24.945 ug/L
RT: 4.269 min Scan# 1004
Delta R.T. 0.000 min
Lab File: VV036338.D
Acq: 28 Jun 2024 08:41

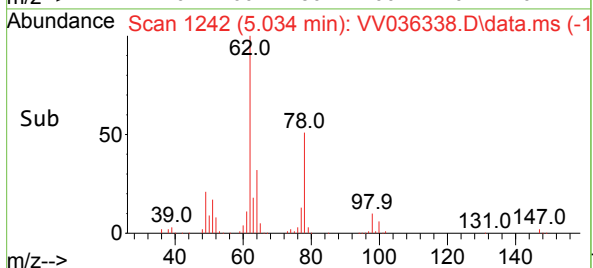
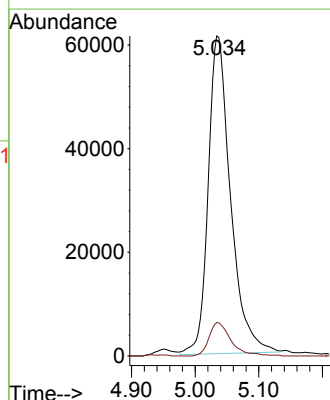
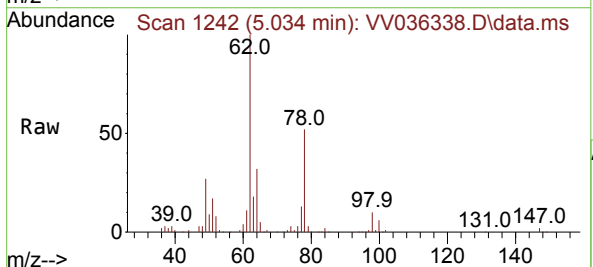
Instrument :
MSVOA_V
ClientSampleId :

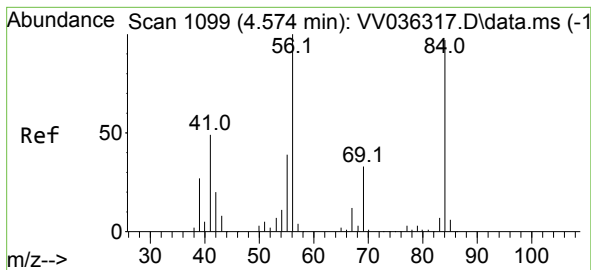
Tgt Ion: 83 Resp: 247109
Ion Ratio Lower Upper
83 100
85 64.6 45.0 83.6



#27
1,2-Dichloroethane
Concen: 23.360 ug/L
RT: 5.034 min Scan# 1242
Delta R.T. -0.003 min
Lab File: VV036338.D
Acq: 28 Jun 2024 08:41

Tgt Ion: 62 Resp: 149842
Ion Ratio Lower Upper
62 100
98 10.5 7.8 11.8





#29

Cyclohexane

Concen: 23.185 ug/L

RT: 4.574 min Scan# 1099

Delta R.T. 0.000 min

Lab File: VV036338.D

Acq: 28 Jun 2024 08:41

Instrument :

MSVOA_V

ClientSampleId :

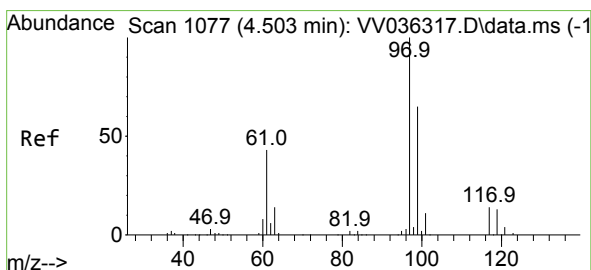
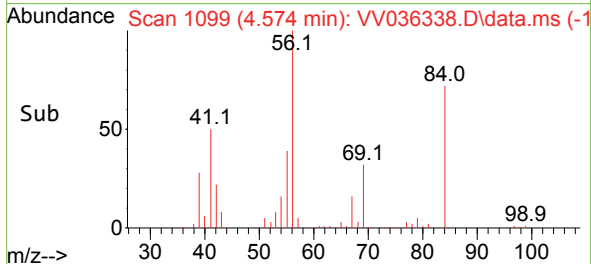
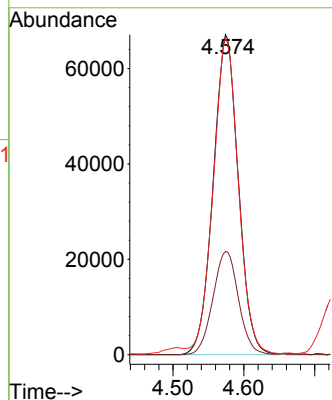
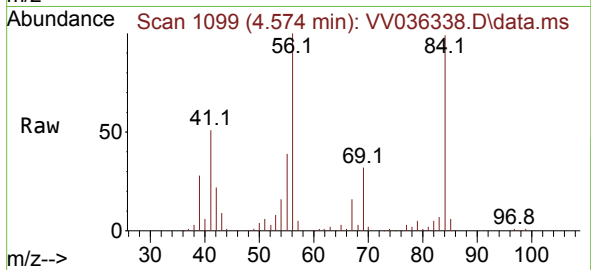
Tgt Ion: 56 Resp: 165278

Ion Ratio Lower Upper

56 100

69 32.8 26.0 39.0

84 98.8 77.4 116.0



#30

1,1,1-Trichloroethane

Concen: 24.944 ug/L

RT: 4.503 min Scan# 1077

Delta R.T. 0.000 min

Lab File: VV036338.D

Acq: 28 Jun 2024 08:41

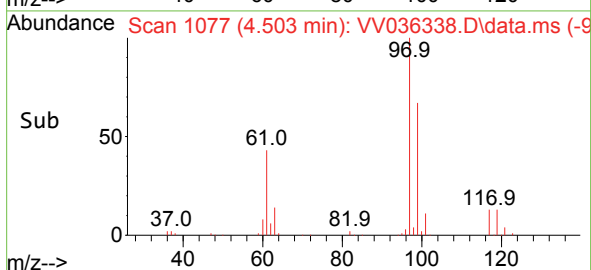
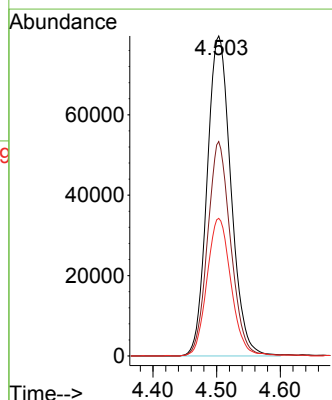
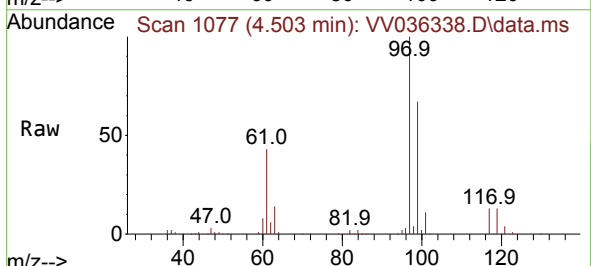
Tgt Ion: 97 Resp: 206950

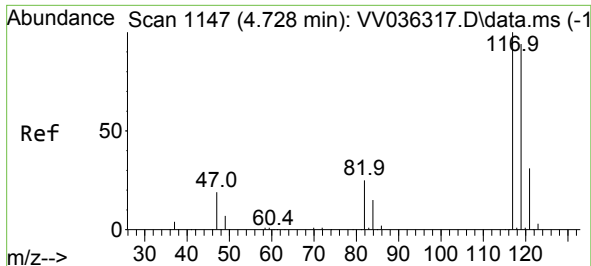
Ion Ratio Lower Upper

97 100

99 64.9 51.4 77.0

61 43.1 34.8 52.2

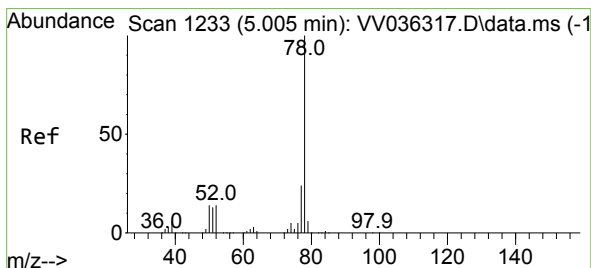
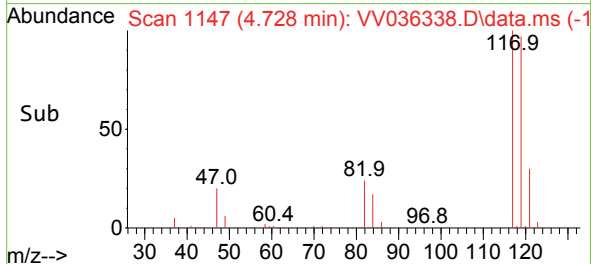
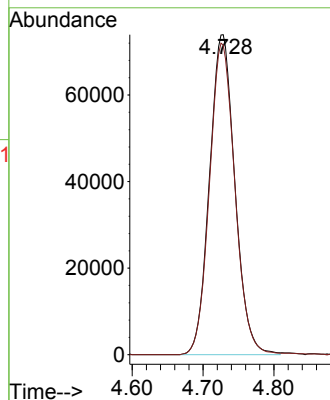
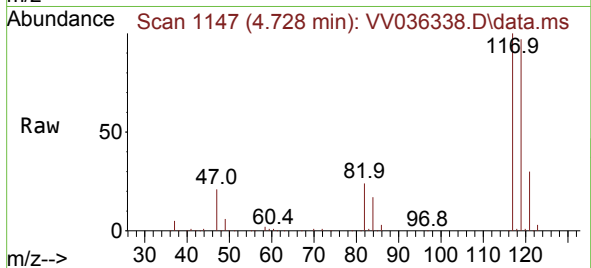




#31
Carbon tetrachloride
Concen: 24.879 ug/L
RT: 4.728 min Scan# 1147
Delta R.T. 0.000 min
Lab File: VV036338.D
Acq: 28 Jun 2024 08:41

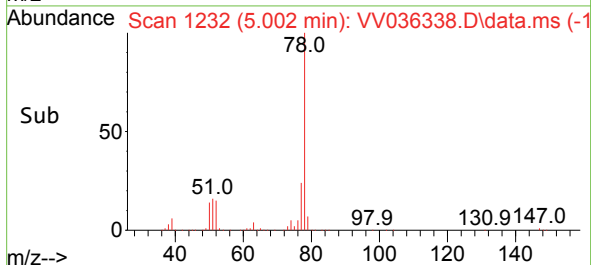
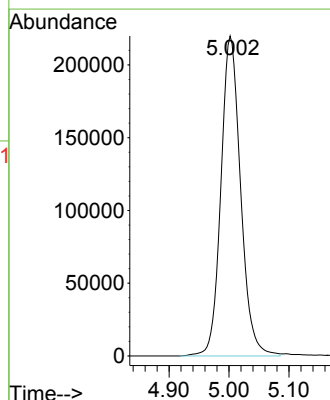
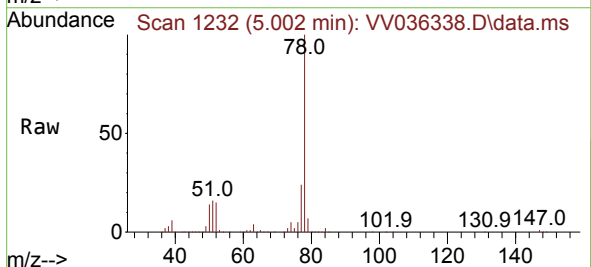
Instrument :
MSVOA_V
ClientSampleId :

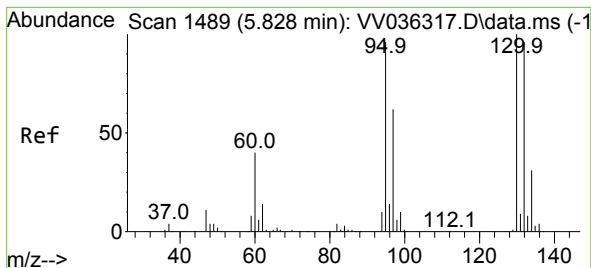
Tgt Ion:117 Resp: 183918
Ion Ratio Lower Upper
117 100
119 97.2 77.2 115.8



#33
Benzene
Concen: 25.261 ug/L
RT: 5.002 min Scan# 1232
Delta R.T. -0.003 min
Lab File: VV036338.D
Acq: 28 Jun 2024 08:41

Tgt Ion: 78 Resp: 500634





#34

Trichloroethene

Concen: 24.146 ug/L

RT: 5.825 min Scan# 1489

Delta R.T. -0.003 min

Lab File: VV036338.D

Acq: 28 Jun 2024 08:41

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 151007

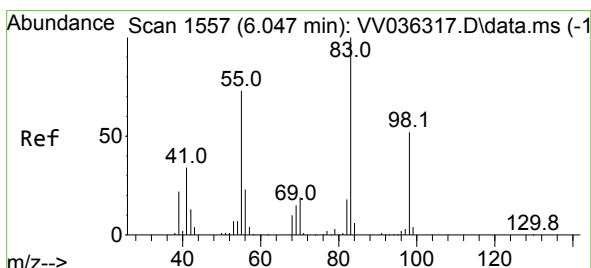
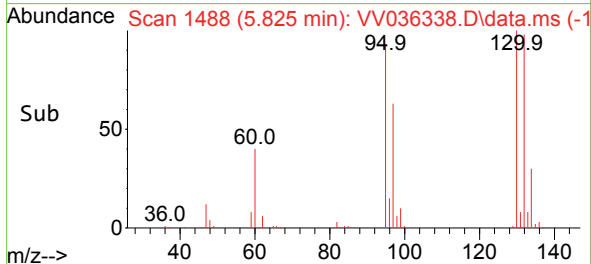
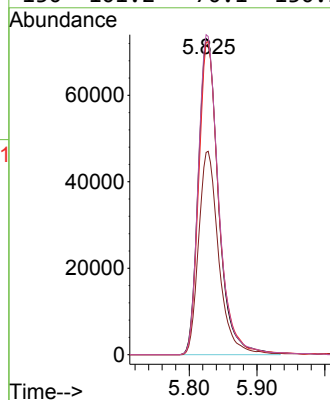
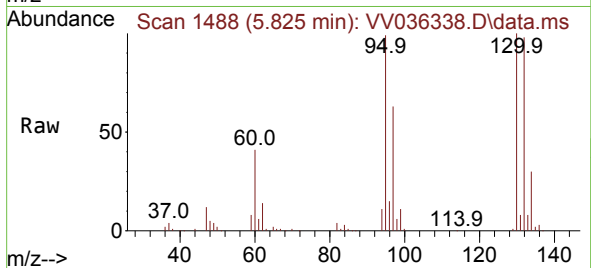
Ion Ratio Lower Upper

95 100

97 64.0 45.1 83.7

132 98.7 67.7 125.7

130 101.2 70.1 130.1



#35

Methylcyclohexane

Concen: 24.401 ug/L

RT: 6.043 min Scan# 1556

Delta R.T. -0.003 min

Lab File: VV036338.D

Acq: 28 Jun 2024 08:41

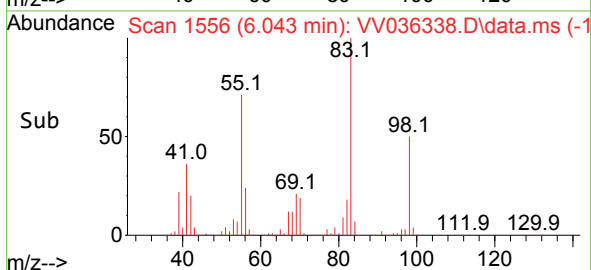
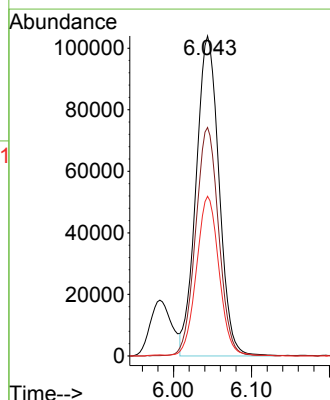
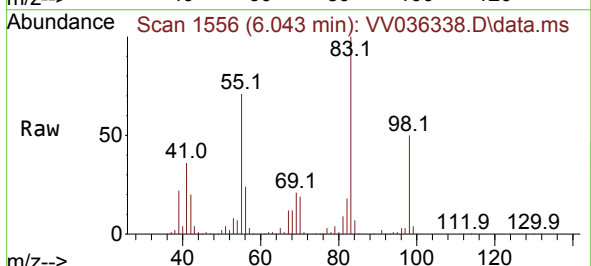
Tgt Ion: 83 Resp: 212672

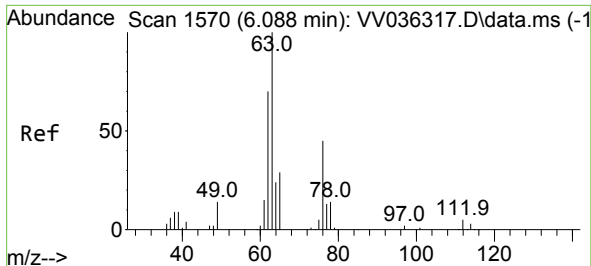
Ion Ratio Lower Upper

83 100

55 71.5 56.0 84.0

98 49.4 39.0 58.6

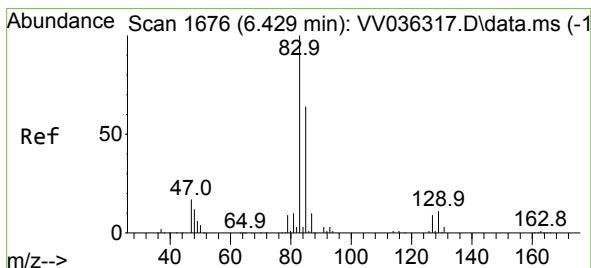
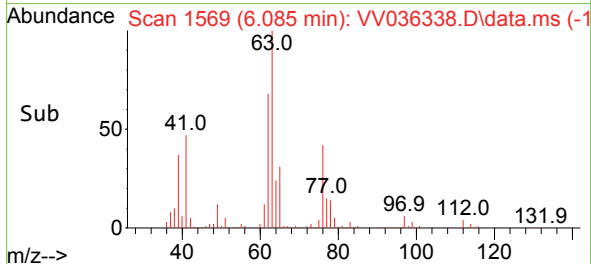
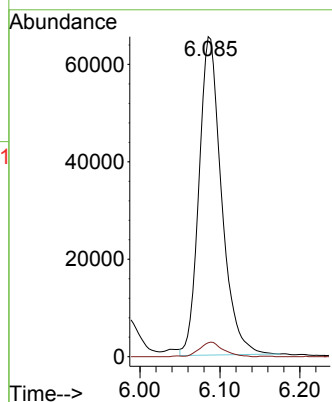
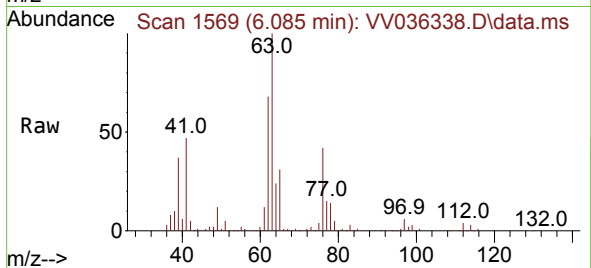




#37
1,2-Dichloropropane
Concen: 25.324 ug/L
RT: 6.085 min Scan# 1569
Delta R.T. -0.003 min
Lab File: VV036338.D
Acq: 28 Jun 2024 08:41

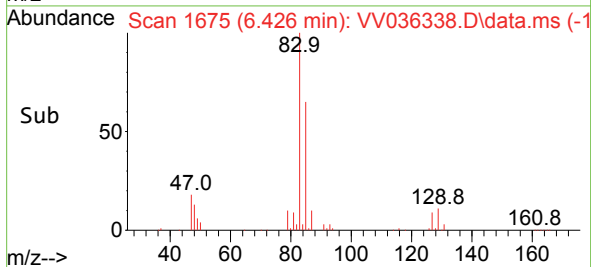
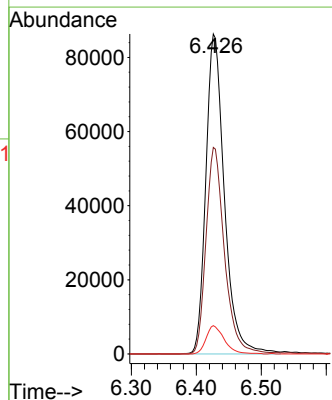
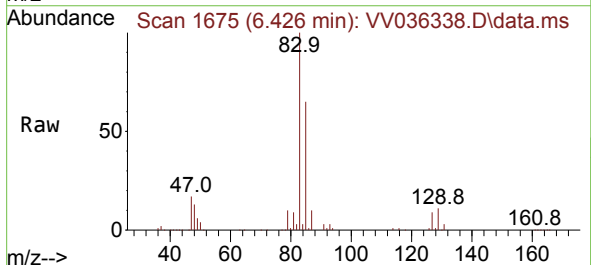
Instrument :
MSVOA_V
ClientSampleId :

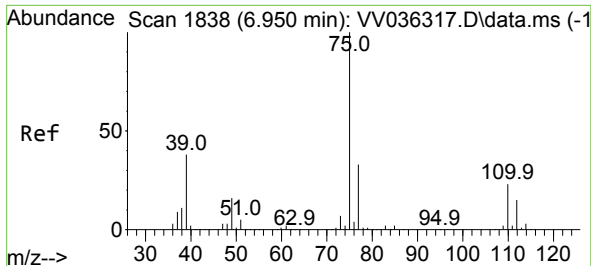
Tgt Ion: 63 Resp: 128181
Ion Ratio Lower Upper
63 100
112 4.7 3.4 5.2



#38
Bromodichloromethane
Concen: 24.786 ug/L
RT: 6.426 min Scan# 1675
Delta R.T. -0.003 min
Lab File: VV036338.D
Acq: 28 Jun 2024 08:41

Tgt Ion: 83 Resp: 171588
Ion Ratio Lower Upper
83 100
85 64.6 44.9 83.5
127 8.8 7.0 10.6

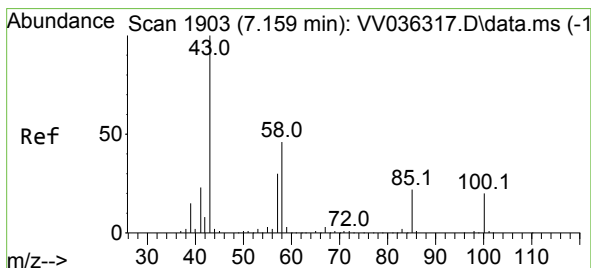
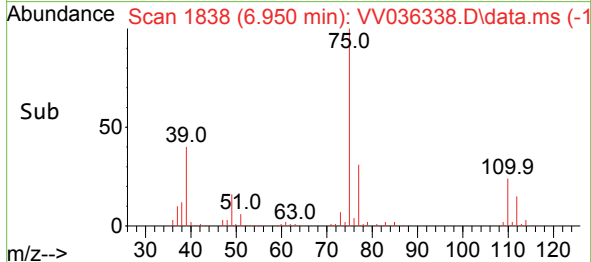
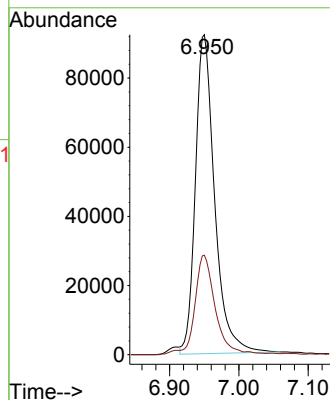
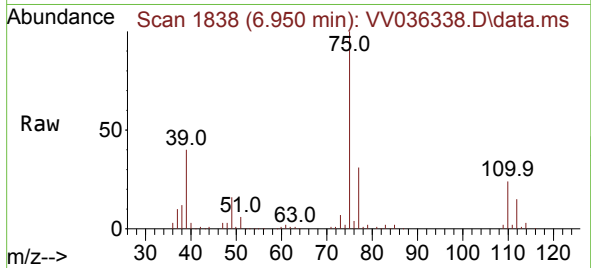




#39
 cis-1,3-Dichloropropene
 Concen: 22.911 ug/L
 RT: 6.950 min Scan# 1838
 Delta R.T. 0.000 min
 Lab File: VV036338.D
 Acq: 28 Jun 2024 08:41

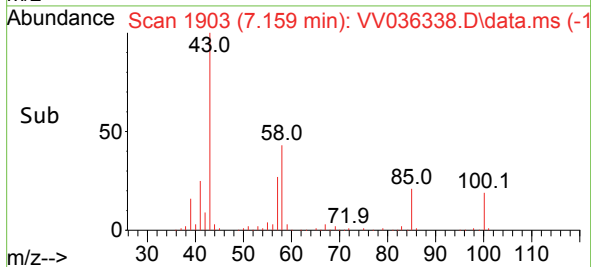
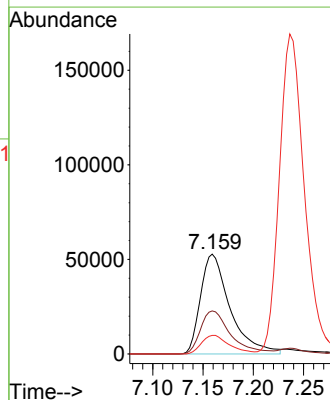
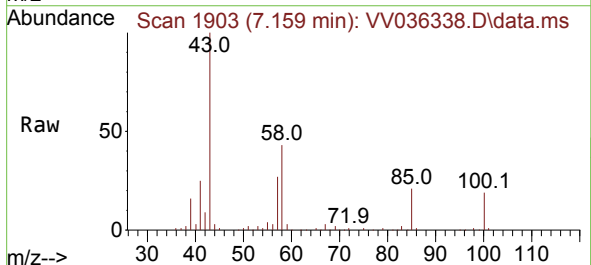
Instrument :
 MSVOA_V
 ClientSampleId :

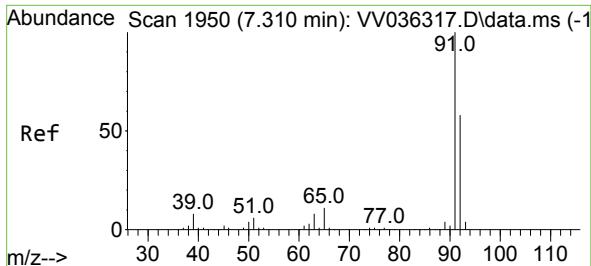
Tgt Ion: 75 Resp: 178320
 Ion Ratio Lower Upper
 75 100
 77 31.1 22.3 41.5



#40
 4-Methyl-2-pentanone
 Concen: 37.888 ug/L
 RT: 7.159 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VV036338.D
 Acq: 28 Jun 2024 08:41

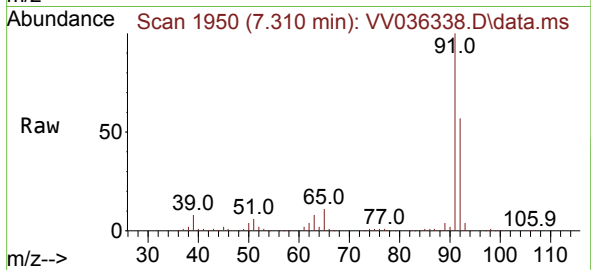
Tgt Ion: 43 Resp: 108154
 Ion Ratio Lower Upper
 43 100
 58 44.0 34.8 52.2
 100 17.6 14.6 21.8



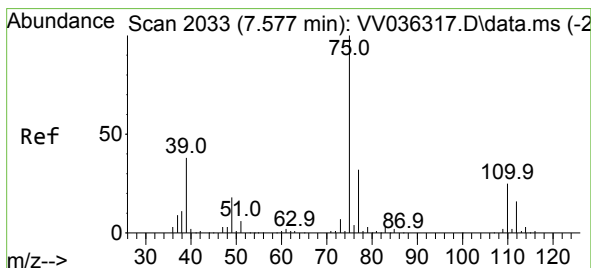
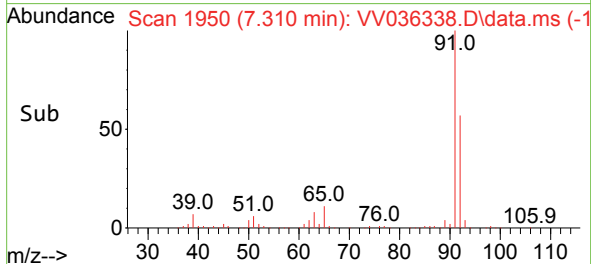
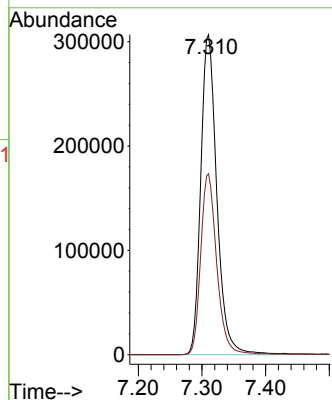


#42
Toluene
Concen: 25.969 ug/L
RT: 7.310 min Scan# 1950
Delta R.T. 0.000 min
Lab File: VV036338.D
Acq: 28 Jun 2024 08:41

Instrument :
MSVOA_V
ClientSampleId :

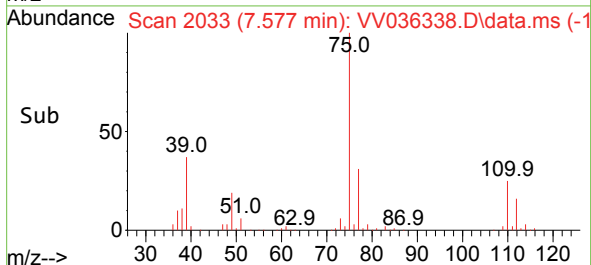
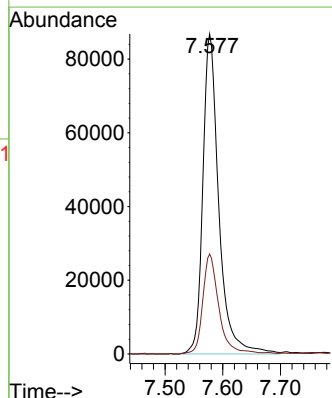
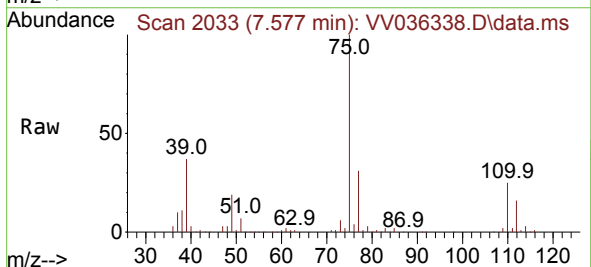


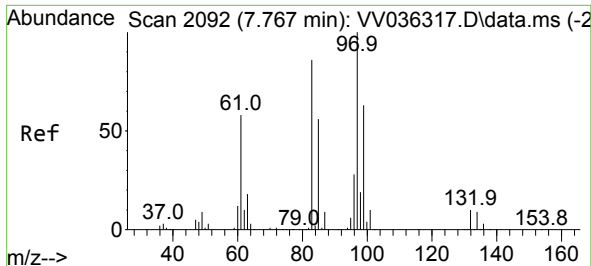
Tgt Ion: 91 Resp: 538134
Ion Ratio Lower Upper
91 100
92 56.6 39.8 73.8



#44
trans-1,3-Dichloropropene
Concen: 23.775 ug/L
RT: 7.577 min Scan# 2033
Delta R.T. 0.000 min
Lab File: VV036338.D
Acq: 28 Jun 2024 08:41

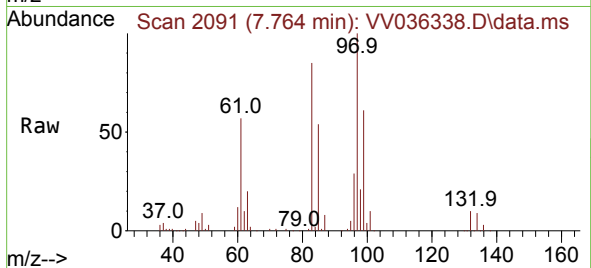
Tgt Ion: 75 Resp: 166435
Ion Ratio Lower Upper
75 100
77 31.3 22.5 41.9



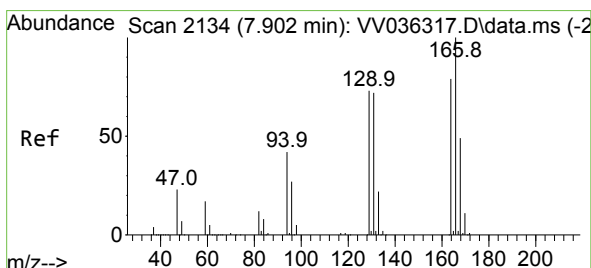
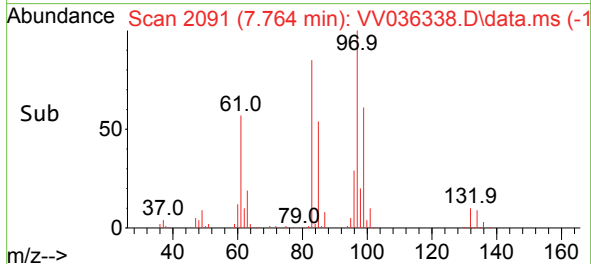
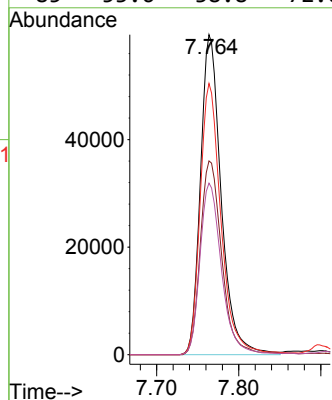


#45
1,1,2-Trichloroethane
Concen: 23.370 ug/L
RT: 7.764 min Scan# 2092
Delta R.T. -0.003 min
Lab File: VV036338.D
Acq: 28 Jun 2024 08:41

Instrument :
MSVOA_V
ClientSampleId :

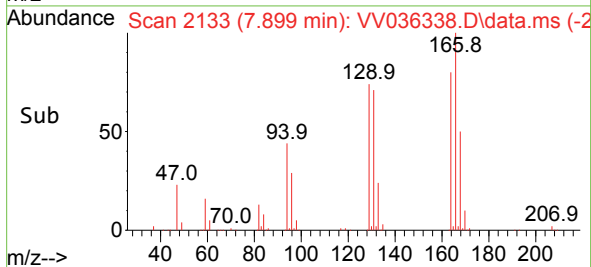
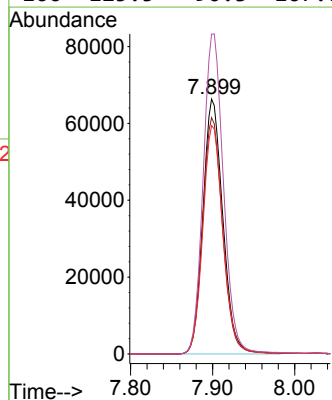
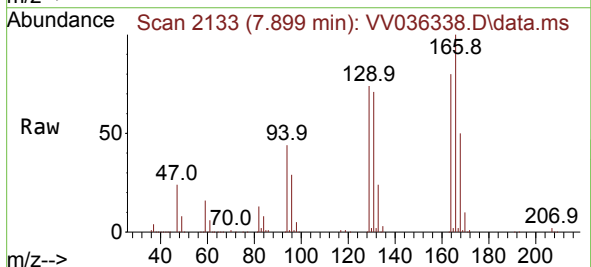


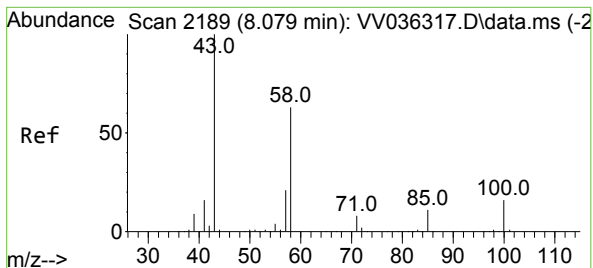
Tgt Ion: 97 Resp: 104554
Ion Ratio Lower Upper
97 100
99 60.6 43.8 81.3
83 84.8 60.6 112.6
85 53.6 38.8 72.0



#46
Tetrachloroethene
Concen: 24.687 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. -0.003 min
Lab File: VV036338.D
Acq: 28 Jun 2024 08:41

Tgt Ion: 164 Resp: 112207
Ion Ratio Lower Upper
164 100
129 92.8 65.9 122.5
131 89.6 63.3 117.7
166 125.5 90.3 167.7





#48

2-Hexanone

Concen: 36.929 ug/L

RT: 8.079 min Scan# 2189

Delta R.T. 0.000 min

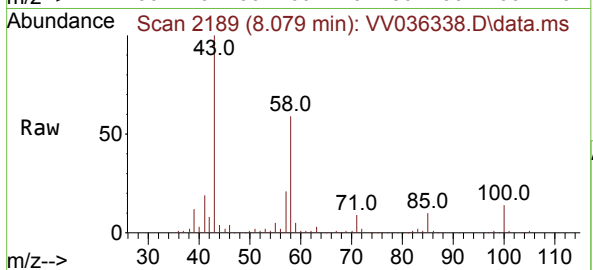
Lab File: VV036338.D

Acq: 28 Jun 2024 08:41

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 82918

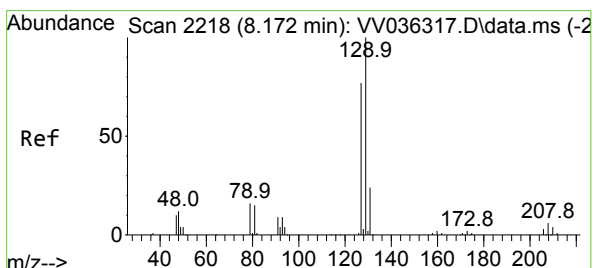
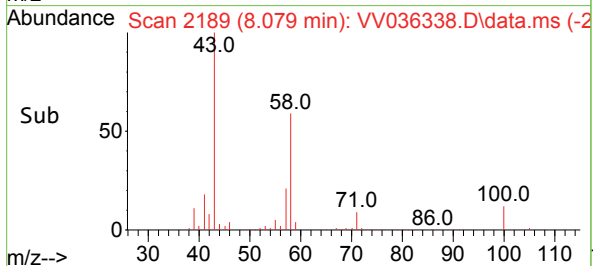
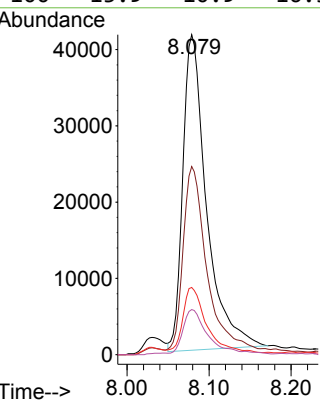
Ion Ratio Lower Upper

43 100

58 58.8 48.5 72.7

57 19.5 15.8 23.6

100 13.9 10.9 16.3



#49

Dibromochloromethane

Concen: 23.620 ug/L

RT: 8.172 min Scan# 2218

Delta R.T. 0.000 min

Lab File: VV036338.D

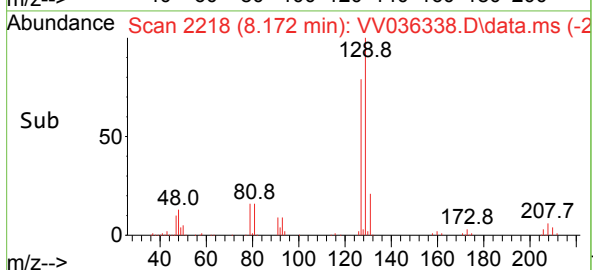
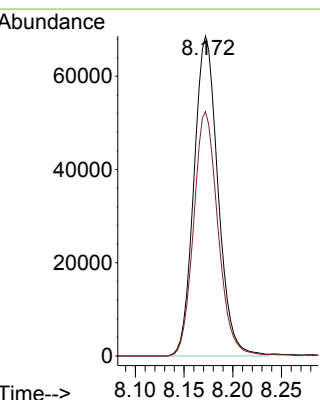
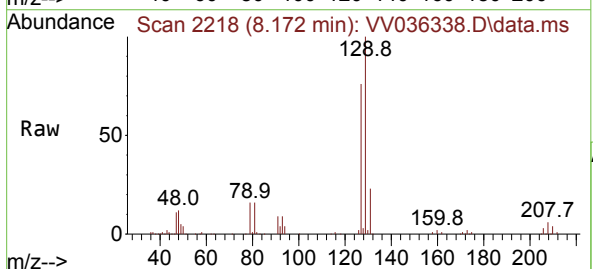
Acq: 28 Jun 2024 08:41

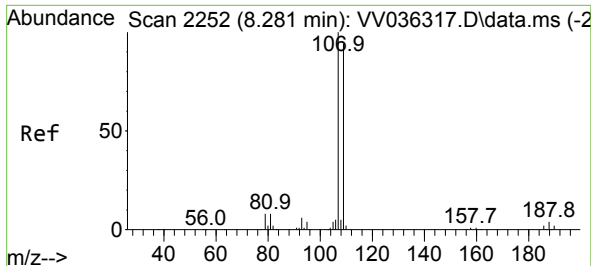
Tgt Ion: 129 Resp: 117798

Ion Ratio Lower Upper

129 100

127 76.4 54.9 101.9





#50

1,2-Dibromoethane

Concen: 23.302 ug/L

RT: 8.278 min Scan# 21

Delta R.T. -0.003 min

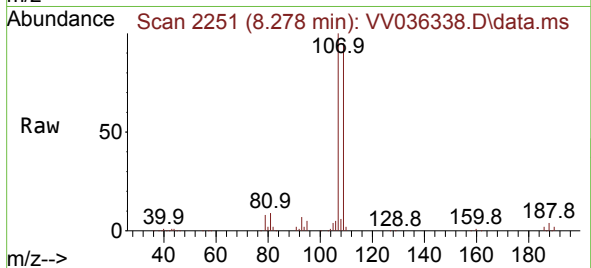
Lab File: VV036338.D

Acq: 28 Jun 2024 08:41

Instrument :

MSVOA_V

ClientSampleId :



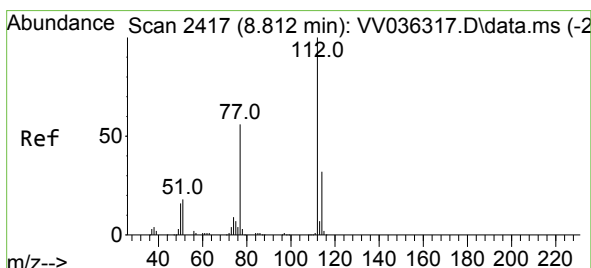
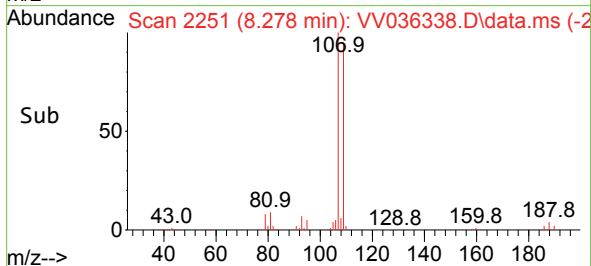
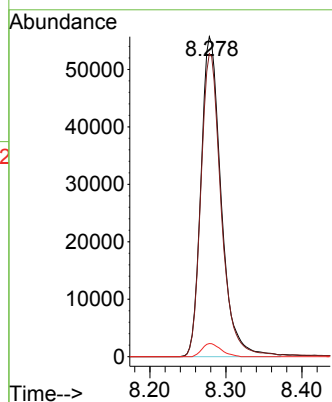
Tgt Ion:107 Resp: 102701

Ion Ratio Lower Upper

107 100

109 94.7 64.7 120.1

188 4.1 3.0 4.6



#51

Chlorobenzene

Concen: 24.352 ug/L

RT: 8.809 min Scan# 2416

Delta R.T. -0.003 min

Lab File: VV036338.D

Acq: 28 Jun 2024 08:41

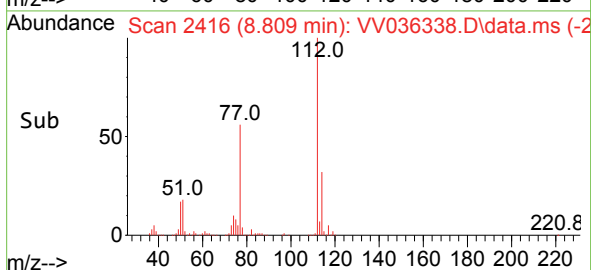
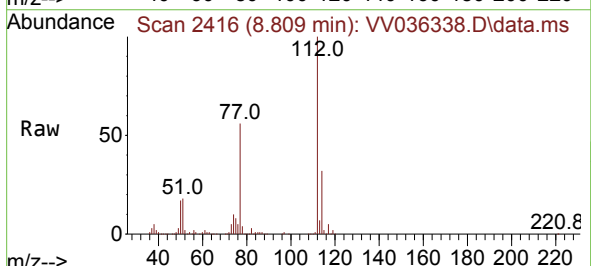
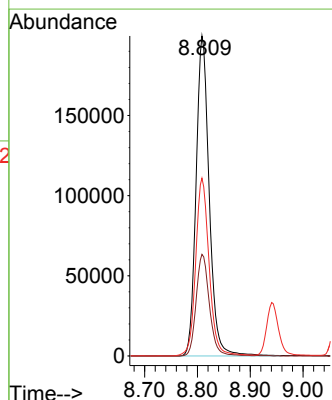
Tgt Ion:112 Resp: 344954

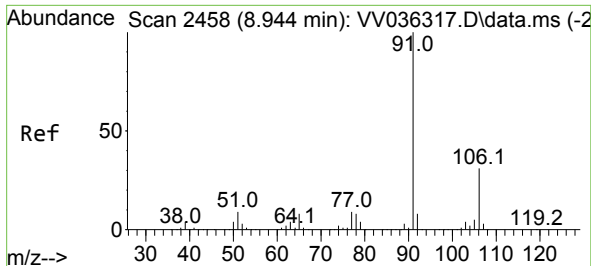
Ion Ratio Lower Upper

112 100

114 31.7 22.8 42.4

77 55.5 46.2 69.2

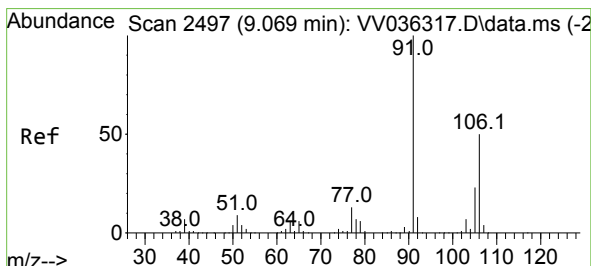
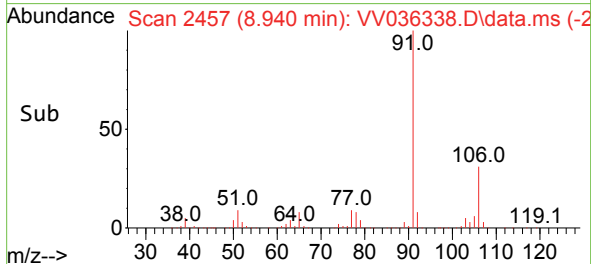
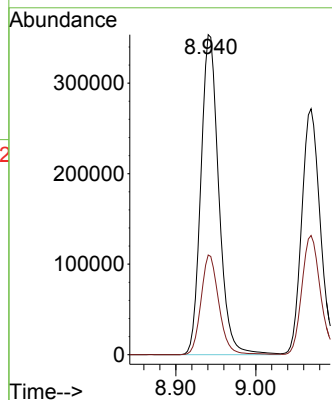
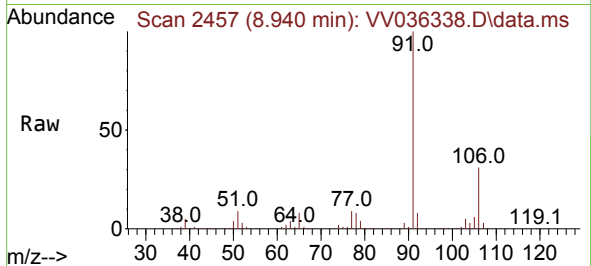




#52
Ethylbenzene
Concen: 24.698 ug/L
RT: 8.940 min Scan# 2458
Delta R.T. -0.003 min
Lab File: VV036338.D
Acq: 28 Jun 2024 08:41

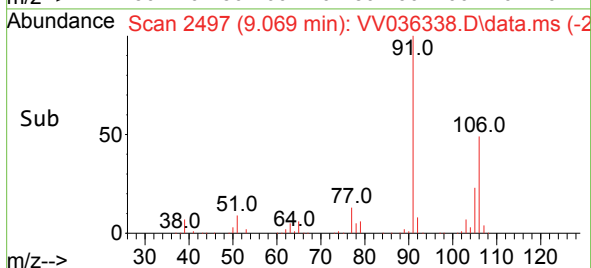
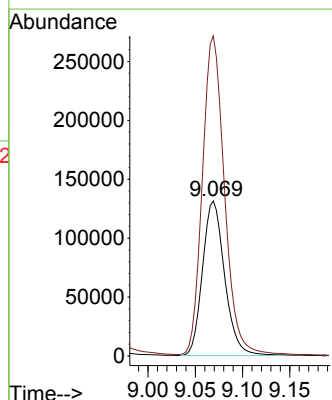
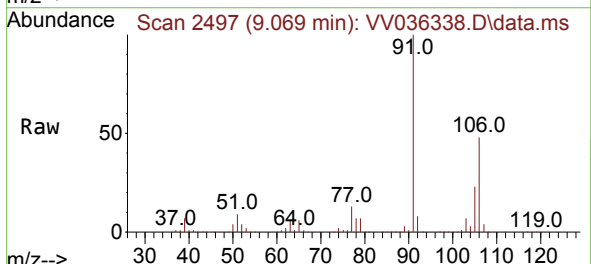
Instrument :
MSVOA_V
ClientSampleId :

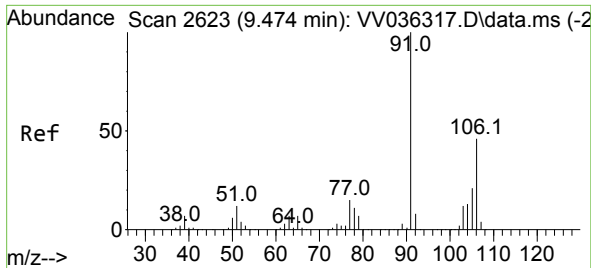
Tgt Ion: 91 Resp: 552317
Ion Ratio Lower Upper
91 100
106 31.1 21.8 40.4



#53
m,p-Xylene
Concen: 25.563 ug/L
RT: 9.069 min Scan# 2497
Delta R.T. 0.000 min
Lab File: VV036338.D
Acq: 28 Jun 2024 08:41

Tgt Ion: 106 Resp: 213059
Ion Ratio Lower Upper
106 100
91 206.4 142.2 264.0

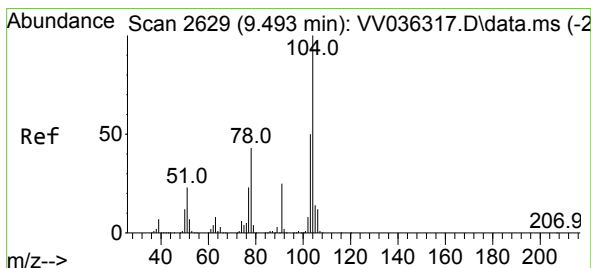
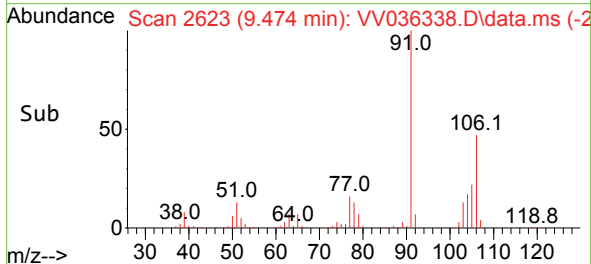
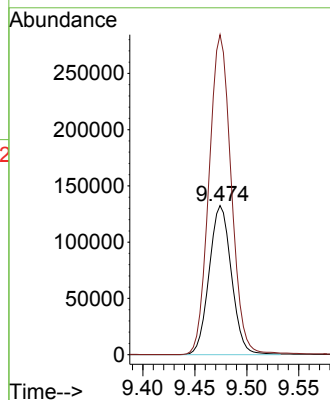
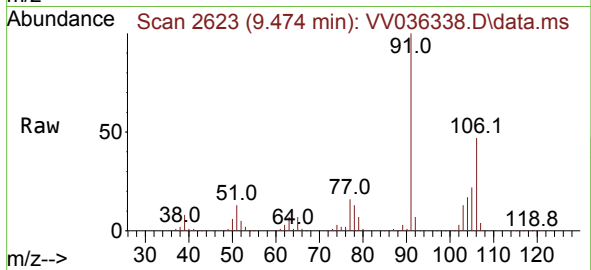




#54
o-Xylene
Concen: 25.244 ug/L
RT: 9.474 min Scan# 2623
Delta R.T. 0.000 min
Lab File: VV036338.D
Acq: 28 Jun 2024 08:41

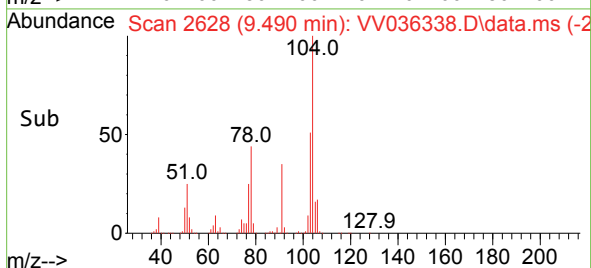
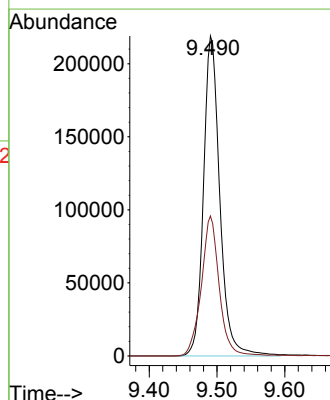
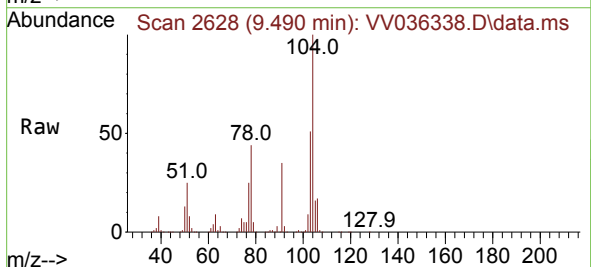
Instrument :
MSVOA_V
ClientSampleId :

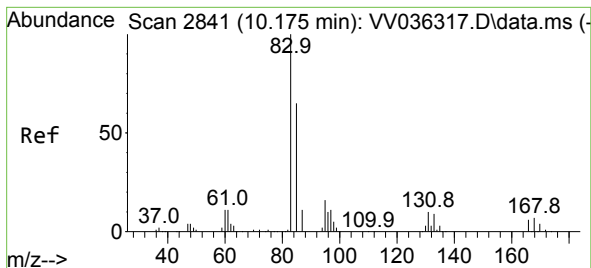
Tgt Ion:106 Resp: 197860
Ion Ratio Lower Upper
106 100
91 214.7 152.7 283.7



#55
Styrene
Concen: 26.773 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. -0.003 min
Lab File: VV036338.D
Acq: 28 Jun 2024 08:41

Tgt Ion:104 Resp: 367768
Ion Ratio Lower Upper
104 100
78 43.8 30.2 56.2

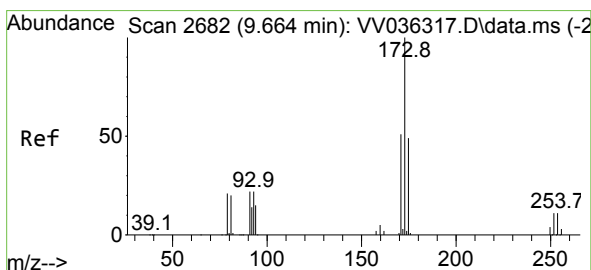
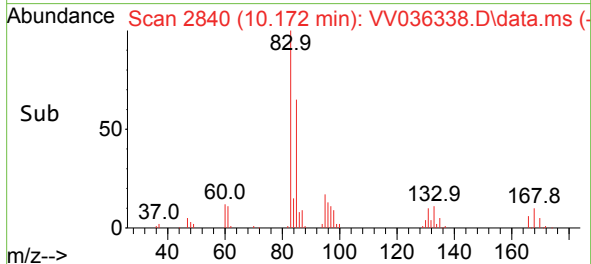
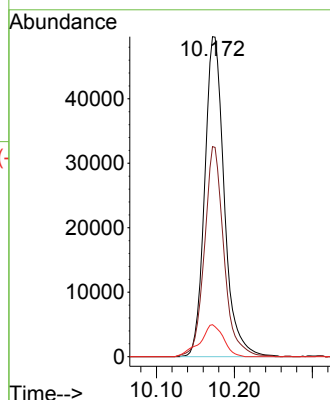
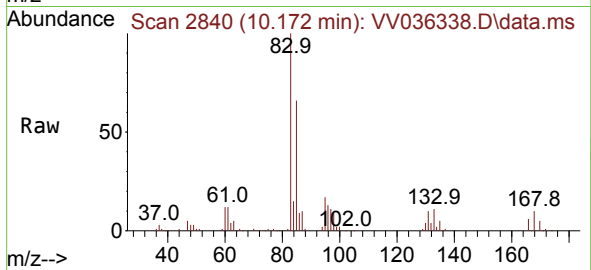




#57
1,1,2,2-Tetrachloroethane
Concen: 21.633 ug/L
RT: 10.172 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV036338.D
Acq: 28 Jun 2024 08:41

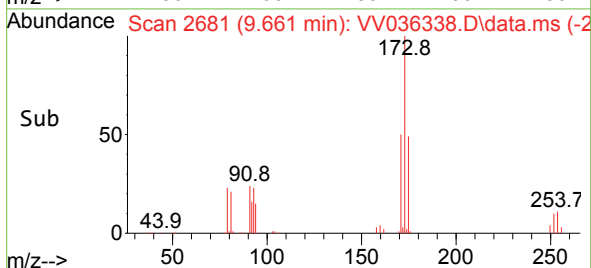
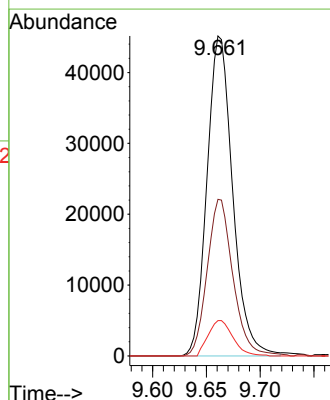
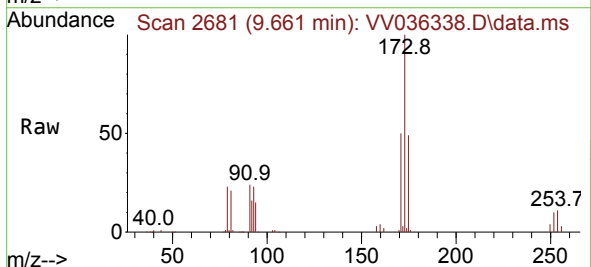
Instrument :
MSVOA_V
ClientSampleId :

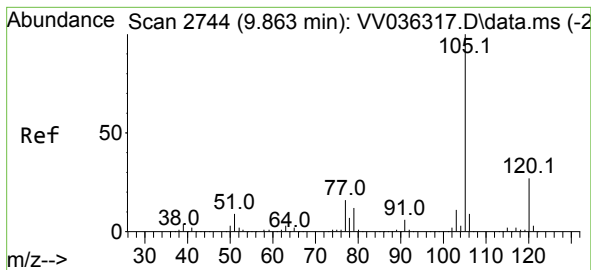
Tgt Ion: 83 Resp: 86622
Ion Ratio Lower Upper
83 100
85 65.6 45.7 84.9
131 10.0 7.8 11.6



#59
Bromoform
Concen: 22.117 ug/L
RT: 9.661 min Scan# 2681
Delta R.T. -0.003 min
Lab File: VV036338.D
Acq: 28 Jun 2024 08:41

Tgt Ion: 173 Resp: 74967
Ion Ratio Lower Upper
173 100
175 49.1 38.9 58.3
254 10.6 7.2 10.8





#60

Isopropylbenzene

Concen: 25.156 ug/L

RT: 9.863 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV036338.D

Acq: 28 Jun 2024 08:41

Instrument :

MSVOA_V

ClientSampleId :

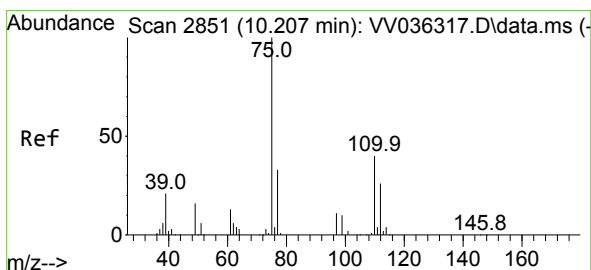
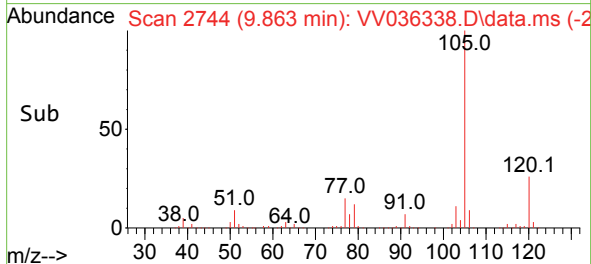
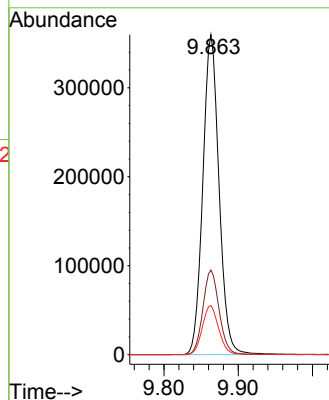
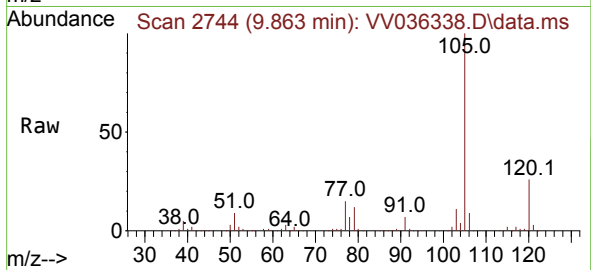
Tgt Ion:105 Resp: 544500

Ion Ratio Lower Upper

105 100

120 26.5 21.2 31.8

77 15.4 12.5 18.7



#61

1,2,3-Trichloropropane

Concen: 21.360 ug/L

RT: 10.204 min Scan# 2850

Delta R.T. -0.003 min

Lab File: VV036338.D

Acq: 28 Jun 2024 08:41

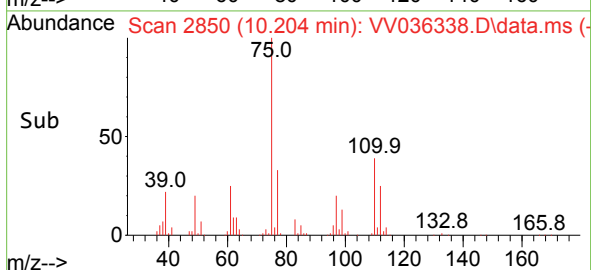
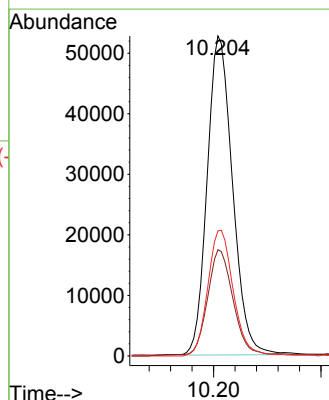
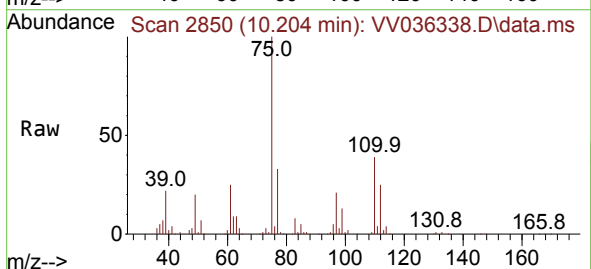
Tgt Ion: 75 Resp: 86316

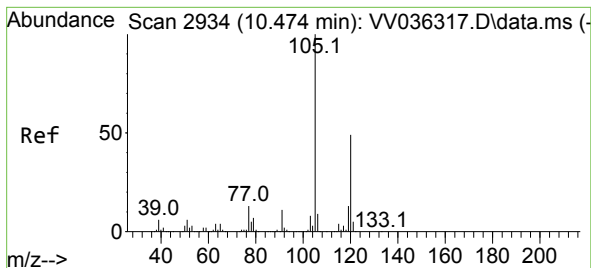
Ion Ratio Lower Upper

75 100

77 32.9 25.2 37.8

110 39.8 31.7 47.5





#62

1,3,5-Trimethylbenzene

Concen: 24.464 ug/L

RT: 10.471 min Scan# 2934

Delta R.T. -0.003 min

Lab File: VV036338.D

Acq: 28 Jun 2024 08:41

Instrument :

MSVOA_V

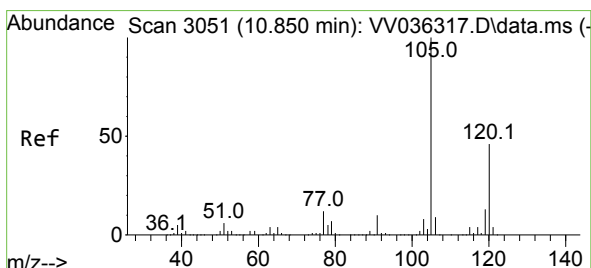
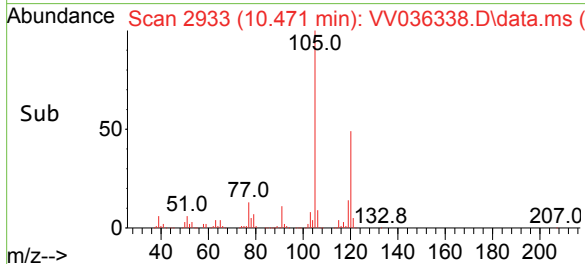
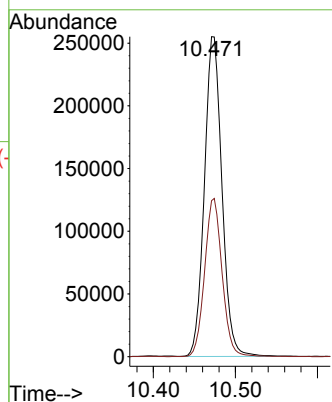
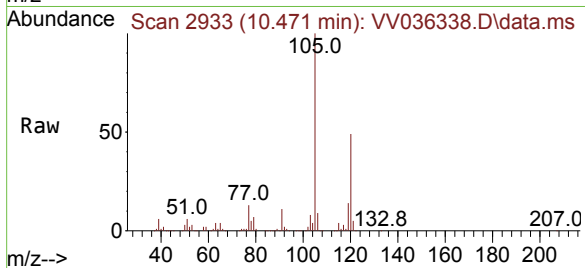
ClientSampleId :

Tgt Ion:105 Resp: 378956

Ion Ratio Lower Upper

105 100

120 49.3 39.1 58.7



#63

1,2,4-Trimethylbenzene

Concen: 24.943 ug/L

RT: 10.847 min Scan# 3050

Delta R.T. -0.003 min

Lab File: VV036338.D

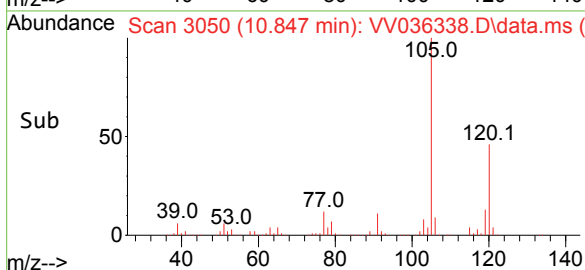
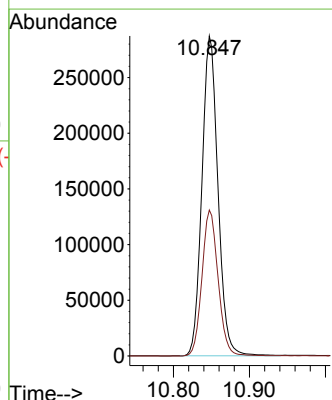
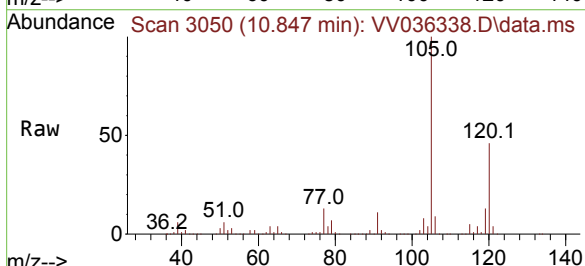
Acq: 28 Jun 2024 08:41

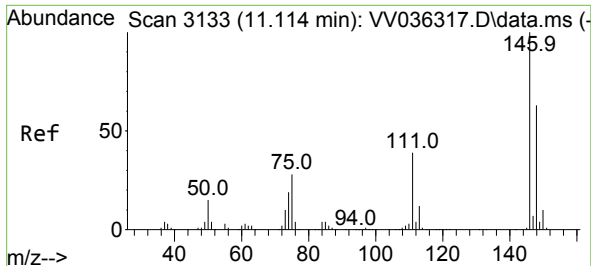
Tgt Ion:105 Resp: 419878

Ion Ratio Lower Upper

105 100

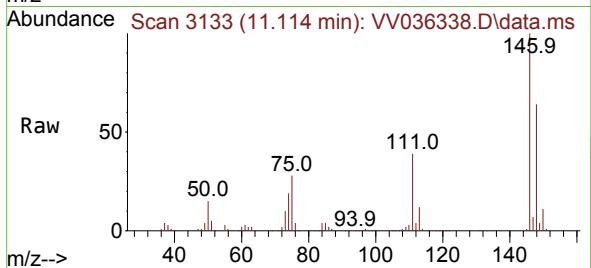
120 45.9 36.2 54.4



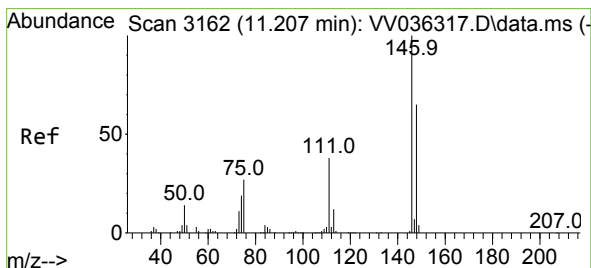
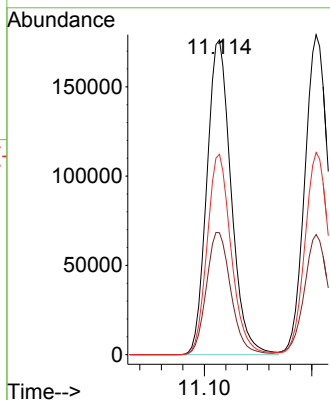
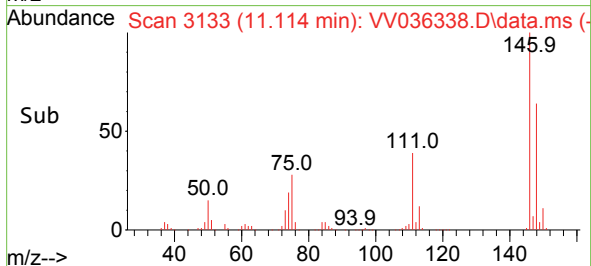


#64
1,3-Dichlorobenzene
Concen: 24.450 ug/L
RT: 11.114 min Scan# 3133
Delta R.T. 0.000 min
Lab File: VV036338.D
Acq: 28 Jun 2024 08:41

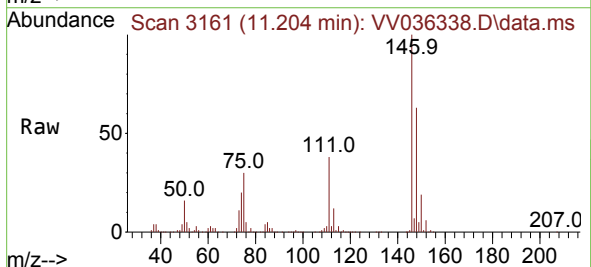
Instrument :
MSVOA_V
ClientSampleId :



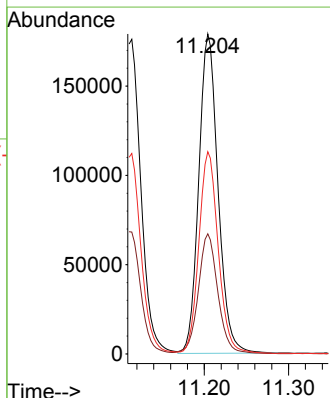
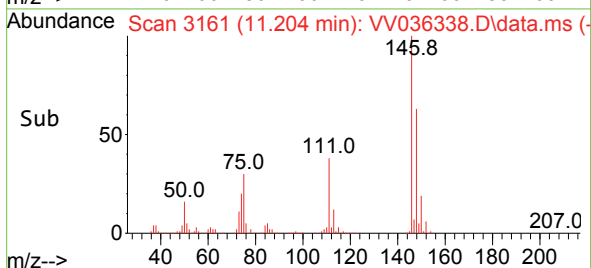
Tgt Ion:146 Resp: 275765
Ion Ratio Lower Upper
146 100
111 38.8 27.5 51.1
148 63.7 44.9 83.3

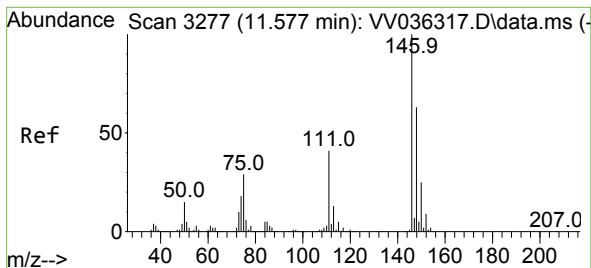


#65
1,4-Dichlorobenzene
Concen: 23.574 ug/L
RT: 11.204 min Scan# 3161
Delta R.T. -0.003 min
Lab File: VV036338.D
Acq: 28 Jun 2024 08:41



Tgt Ion:146 Resp: 285017
Ion Ratio Lower Upper
146 100
111 37.6 27.5 51.1
148 63.2 44.0 81.8





#67

1,2-Dichlorobenzene

Concen: 23.604 ug/L

RT: 11.574 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV036338.D

Acq: 28 Jun 2024 08:41

Instrument :

MSVOA_V

ClientSampleId :

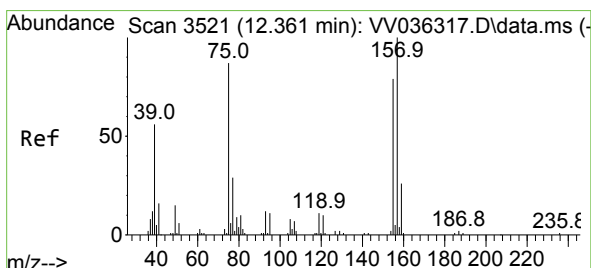
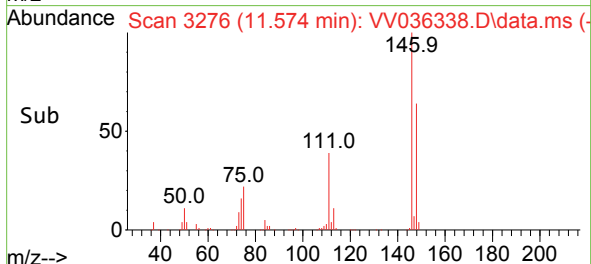
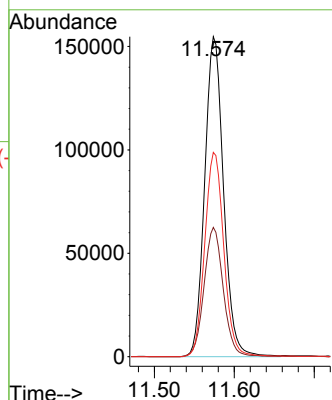
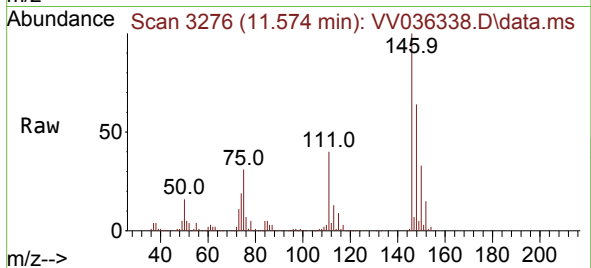
Tgt Ion:146 Resp: 254158

Ion Ratio Lower Upper

146 100

111 40.4 33.3 49.9

148 63.9 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 20.291 ug/L

RT: 12.362 min Scan# 3521

Delta R.T. 0.000 min

Lab File: VV036338.D

Acq: 28 Jun 2024 08:41

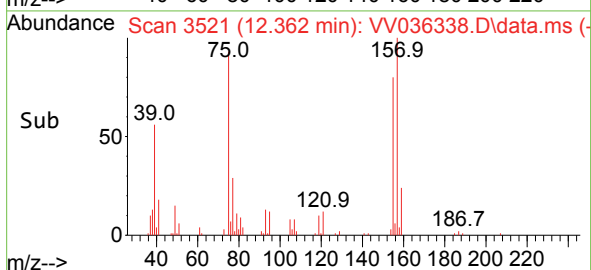
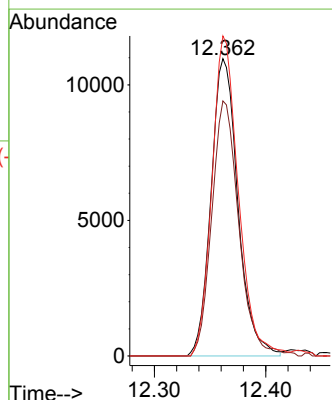
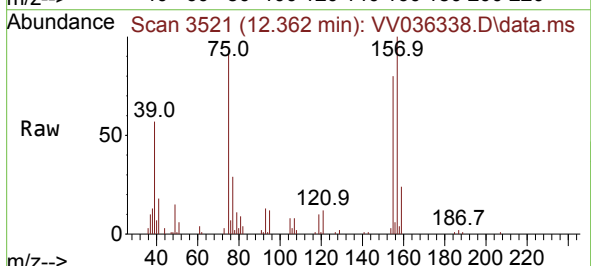
Tgt Ion: 75 Resp: 18396

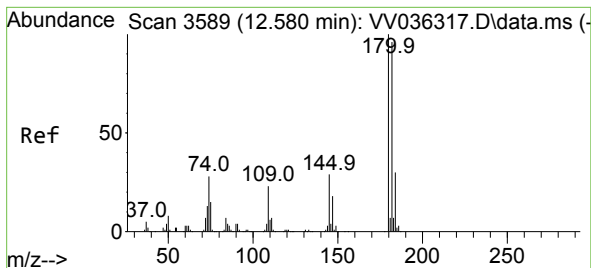
Ion Ratio Lower Upper

75 100

155 85.8 68.3 102.5

157 107.6 95.7 143.5





#69

1,3,5-Trichlorobenzene

Concen: 22.756 ug/L

RT: 12.577 min Scan# 3588

Delta R.T. -0.003 min

Lab File: VV036338.D

Acq: 28 Jun 2024 08:41

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 193262

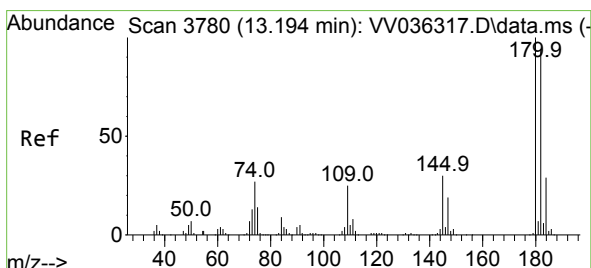
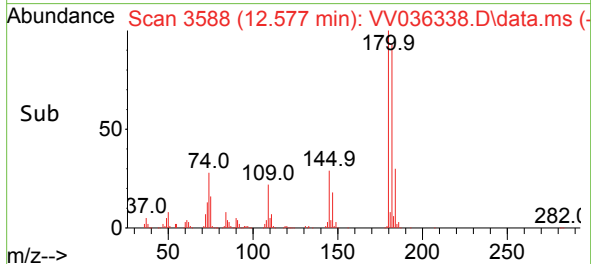
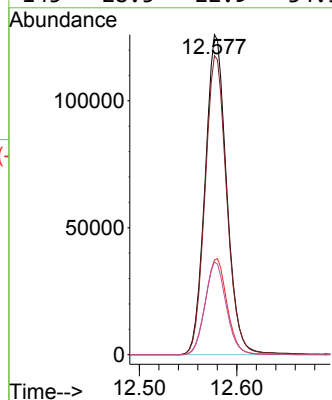
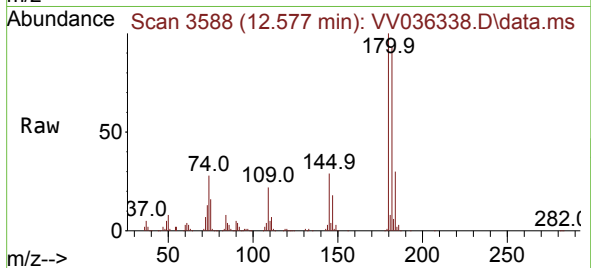
Ion Ratio Lower Upper

180 100

182 94.4 76.2 114.4

184 30.2 23.3 34.9

145 28.5 22.9 34.3



#70

1,2,4-trichlorobenzene

Concen: 21.684 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. 0.000 min

Lab File: VV036338.D

Acq: 28 Jun 2024 08:41

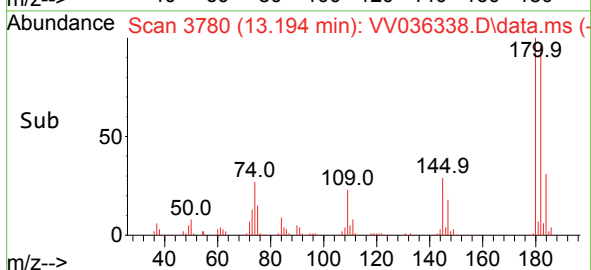
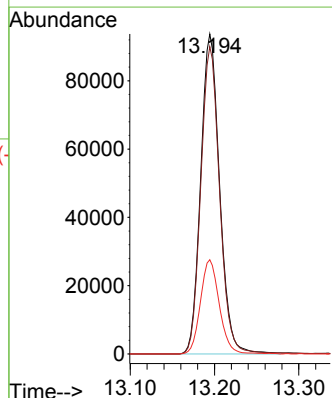
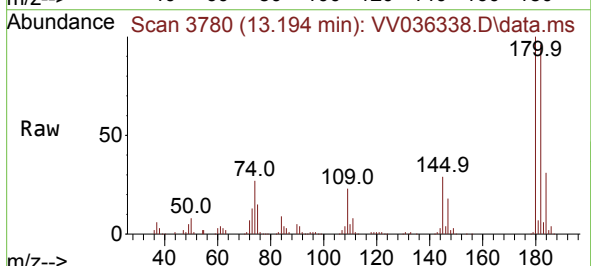
Tgt Ion:180 Resp: 146854

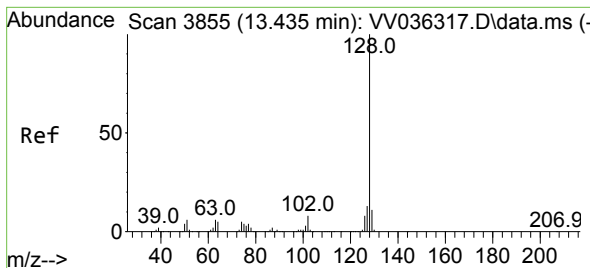
Ion Ratio Lower Upper

180 100

182 95.1 76.1 114.1

145 29.2 23.8 35.8





#71

Naphthalene

Concen: 18.368 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. 0.000 min

Lab File: VV036338.D

Acq: 28 Jun 2024 08:41

Instrument :

MSVOA_V

ClientSampleId :

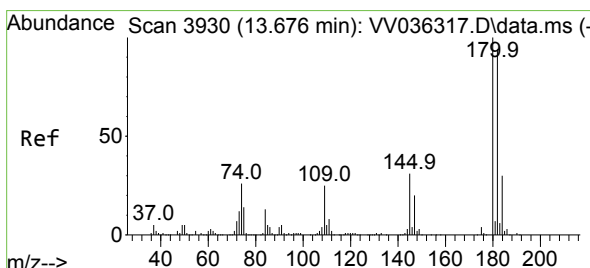
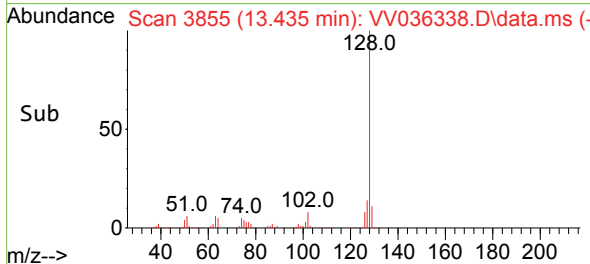
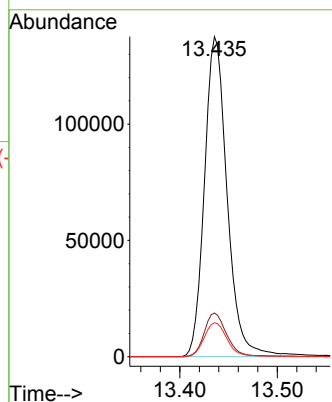
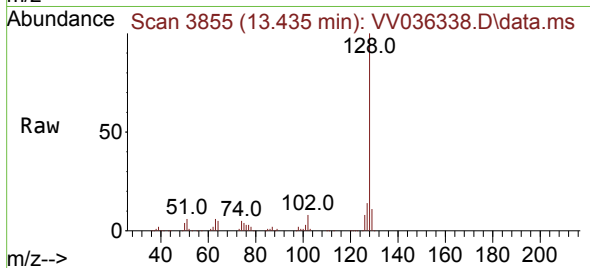
Tgt Ion:128 Resp: 221802

Ion Ratio Lower Upper

128 100

127 13.7 10.8 16.2

129 10.7 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 22.134 ug/L

RT: 13.677 min Scan# 3930

Delta R.T. 0.000 min

Lab File: VV036338.D

Acq: 28 Jun 2024 08:41

Tgt Ion:180 Resp: 140962

Ion Ratio Lower Upper

180 100

182 95.2 76.7 115.1

145 31.4 25.0 37.4

