

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080524\
 Data File : VV036796.D
 Acq On : 05 Aug 2024 18:38
 Operator : SY/MD
 Sample : P3437-08MSD
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 06 03:13:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 06 02:51:35 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	460798	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	431666	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	211722	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	178999	48.635	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.280%
7) Chloroethane-d5	1.532	69	146693	50.542	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.080%
11) 1,1-Dichloroethene-d2	2.060	65	77983	49.534	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.060%
21) 2-Butanone-d5	3.796	46	180921	92.779	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.780%
24) Chloroform-d	4.246	84	341339	51.681	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.360%
26) 1,2-Dichloroethane-d4	4.940	65	219808	51.762	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.520%
32) Benzene-d6	4.953	84	677749	51.983	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.960%
36) 1,2-Dichloropropane-d6	5.985	67	221408	52.638	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.280%
41) Toluene-d8	7.239	98	614224	51.357	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.720%
43) trans-1,3-Dichloroprop...	7.551	79	108733	49.672	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.340%
47) 2-Hexanone-d5	8.024	63	123876	102.427	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.430%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	249762	51.715	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.420%
66) 1,2-Dichlorobenzene-d4	11.554	152	224233	51.974	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.940%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	173966	47.348	ug/L	100
3) Chloromethane	1.217	50	175732	45.702	ug/L	99
5) Vinyl chloride	1.281	62	179989	45.581	ug/L	100
6) Bromomethane	1.487	94	109691	44.121	ug/L	98
8) Chloroethane	1.548	64	111741	45.684	ug/L	99
9) Trichlorofluoromethane	1.712	101	231827	44.821	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	133927	43.943	ug/L	99
12) 1,1-Dichloroethene	2.069	96	128741	44.229	ug/L	94
13) Acetone	2.114	43	115260	70.645	ug/L	99
14) Carbon disulfide	2.240	76	399070	43.645	ug/L	99
15) Methyl Acetate	2.371	43	123375	36.707	ug/L	100
16) Methylene chloride	2.445	84	142880	43.662	ug/L	100
17) trans-1,2-Dichloroethene	2.690	96	132577	43.971	ug/L	98
18) Methyl tert-butyl Ether	2.709	73	458066	43.136	ug/L	99
19) 1,1-Dichloroethane	3.105	63	267464	43.907	ug/L	98
20) cis-1,2-Dichloroethene	3.809	96	159104	44.959	ug/L	99
22) 2-Butanone	3.879	43	170643	78.074	ug/L	97
23) Bromochloromethane	4.140	128	76238	44.349	ug/L	96
25) Chloroform	4.272	83	283504	45.313	ug/L	100

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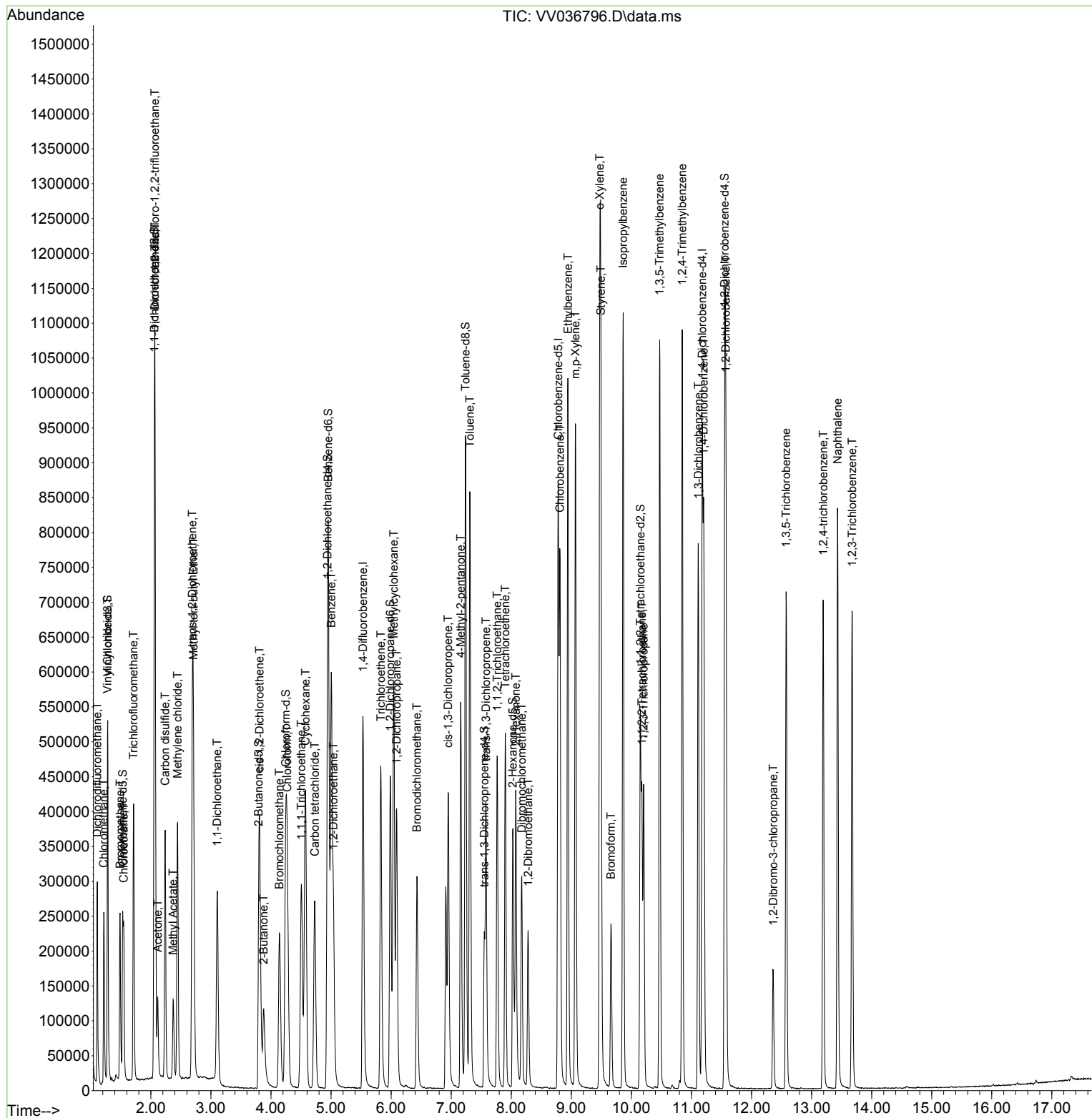
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	214036	43.369	ug/L	100
29) Cyclohexane	4.574	56	252518	45.913	ug/L	99
30) 1,1,1-Trichloroethane	4.506	97	243949	44.856	ug/L	98
31) Carbon tetrachloride	4.728	117	202684	44.377	ug/L	99
33) Benzene	5.005	78	595116	46.093	ug/L	100
34) Trichloroethene	5.828	95	164234	43.891	ug/L	100
35) Methylcyclohexane	6.043	83	255196	44.445	ug/L	99
37) 1,2-Dichloropropane	6.092	63	155093	45.345	ug/L	99
38) Bromodichloromethane	6.429	83	207665	44.091	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	267732	45.706	ug/L	100
40) 4-Methyl-2-pentanone	7.159	43	362009	85.442	ug/L	98
42) Toluene	7.310	91	626450	45.553	ug/L	100
44) trans-1,3-Dichloropropene	7.580	75	235528	43.150	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	146382	44.194	ug/L	99
46) Tetrachloroethene	7.902	164	107858	43.945	ug/L	98
48) 2-Hexanone	8.075	43	270791	86.876	ug/L	99
49) Dibromochloromethane	8.175	129	151054	44.378	ug/L	98
50) 1,2-Dibromoethane	8.281	107	151513	44.088	ug/L	96
51) Chlorobenzene	8.812	112	398050	45.111	ug/L	100
52) Ethylbenzene	8.944	91	710065	45.220	ug/L	100
53) m,p-Xylene	9.069	106	262772	44.770	ug/L	98
54) o-Xylene	9.474	106	258165	44.971	ug/L	100
55) Styrene	9.493	104	436670	44.387	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	204035	45.652	ug/L	99
59) Bromoform	9.661	173	102194	43.631	ug/L	98
60) Isopropylbenzene	9.863	105	698331	45.305	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	168223	44.138	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	570979	44.494	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	577411	44.949	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	297520	44.886	ug/L	98
65) 1,4-Dichlorobenzene	11.204	146	303999	45.101	ug/L	100
67) 1,2-Dichlorobenzene	11.574	146	295456	45.640	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	45879	41.655	ug/L	97
69) 1,3,5-Trichlorobenzene	12.577	180	205439	43.675	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	195082	43.242	ug/L	100
71) Naphthalene	13.432	128	638963	44.167	ug/L	100
72) 1,2,3-Trichlorobenzene	13.676	180	194843	44.121	ug/L	99

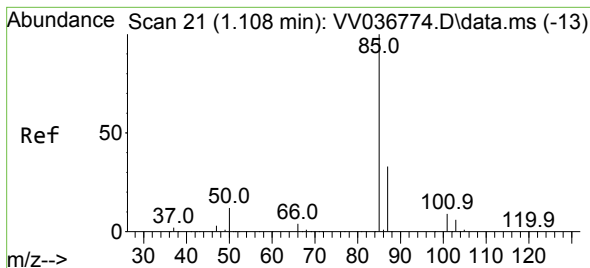
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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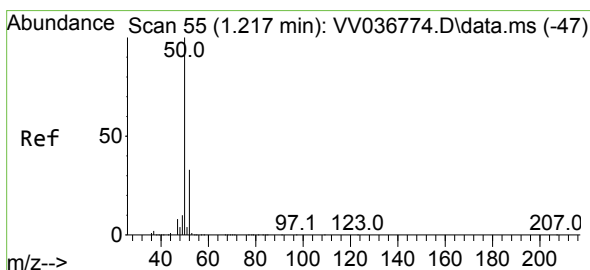
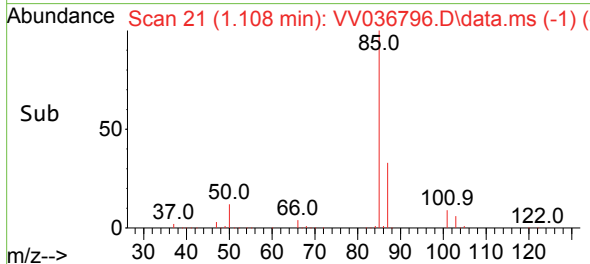
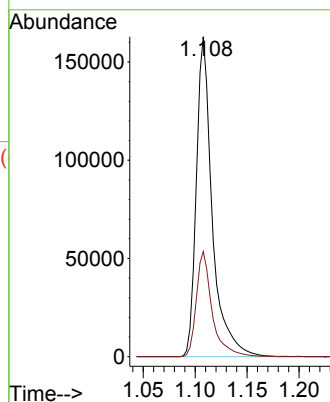
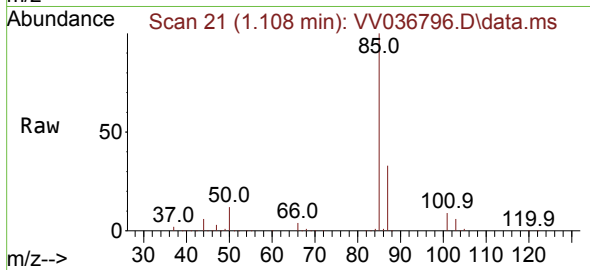




#2
 Dichlorodifluoromethane
 Concen: 47.348 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV036796.D
 Acq: 05 Aug 2024 18:38

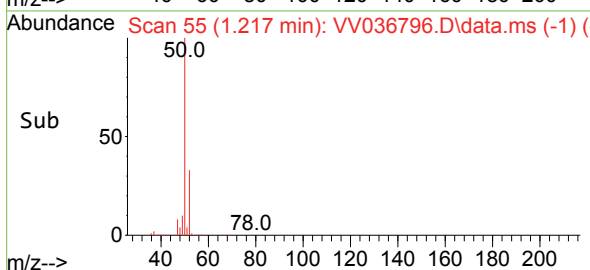
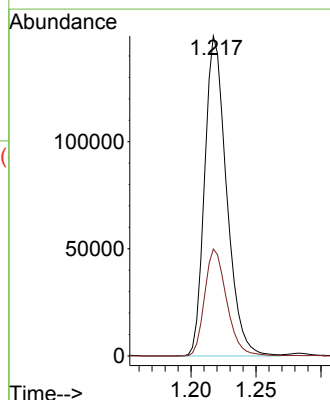
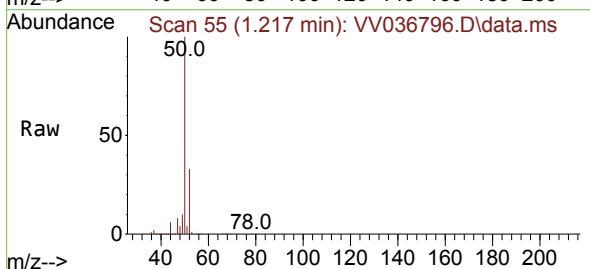
Instrument :
 MSVOA_V
 ClientSampleId :

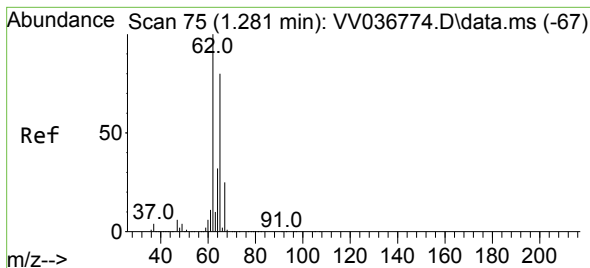
Tgt Ion: 85 Resp: 173966
 Ion Ratio Lower Upper
 85 100
 87 32.7 25.9 38.9



#3
 Chloromethane
 Concen: 45.702 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV036796.D
 Acq: 05 Aug 2024 18:38

Tgt Ion: 50 Resp: 175732
 Ion Ratio Lower Upper
 50 100
 52 33.4 23.0 42.8





#5

Vinyl chloride

Concen: 45.581 ug/L

RT: 1.281 min Scan# 75

Delta R.T. 0.000 min

Lab File: VV036796.D

Acq: 05 Aug 2024 18:38

Instrument :

MSVOA_V

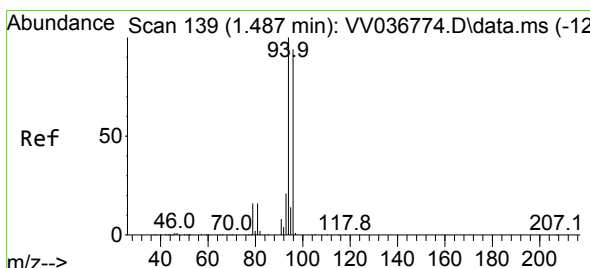
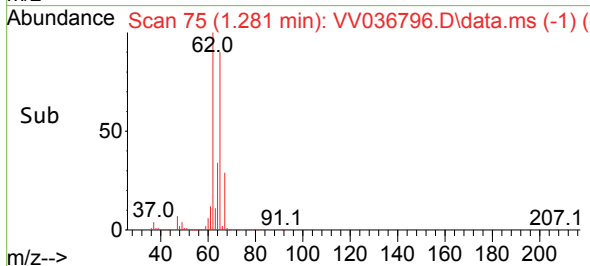
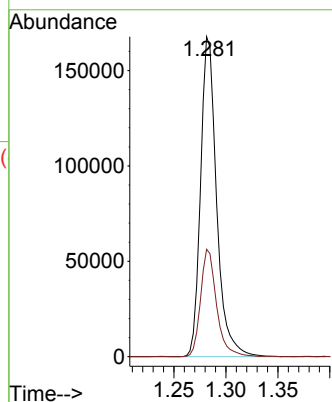
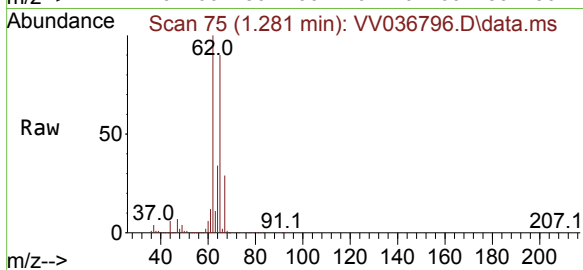
ClientSampleId :

Tgt Ion: 62 Resp: 179989

Ion Ratio Lower Upper

62 100

64 33.6 23.6 43.8



#6

Bromomethane

Concen: 44.121 ug/L

RT: 1.487 min Scan# 139

Delta R.T. 0.000 min

Lab File: VV036796.D

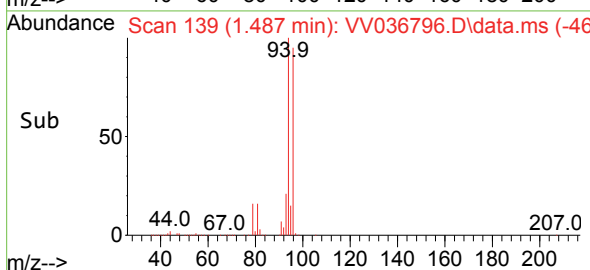
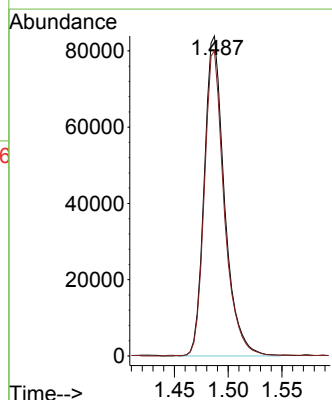
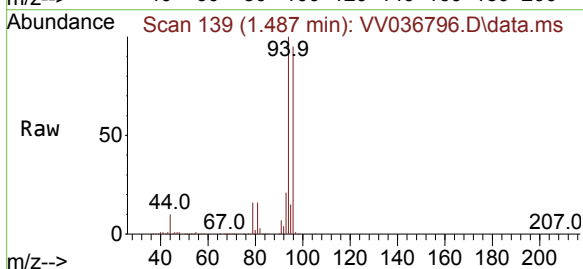
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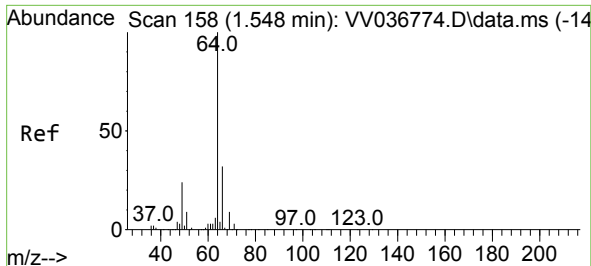
Tgt Ion: 94 Resp: 109691

Ion Ratio Lower Upper

94 100

96 95.4 65.5 121.7

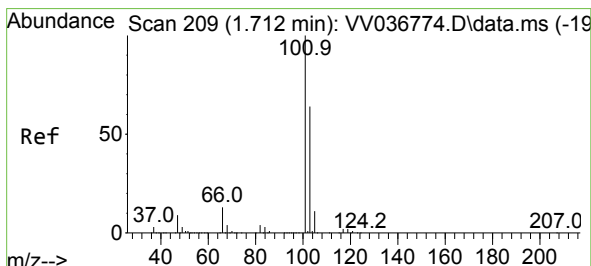
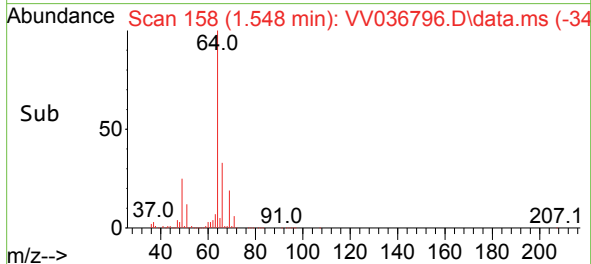
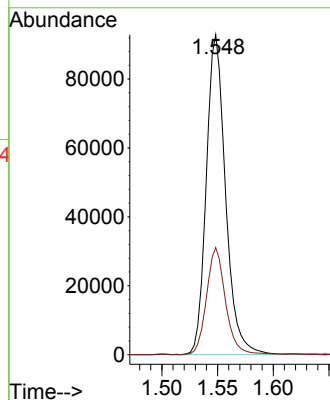
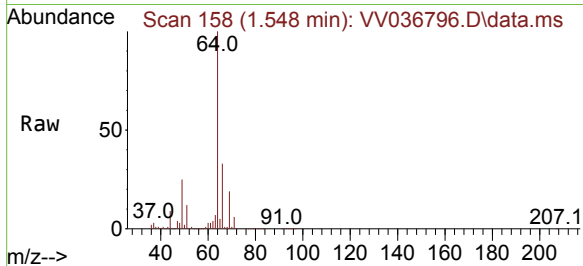




#8
Chloroethane
Concen: 45.684 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV036796.D
Acq: 05 Aug 2024 18:38

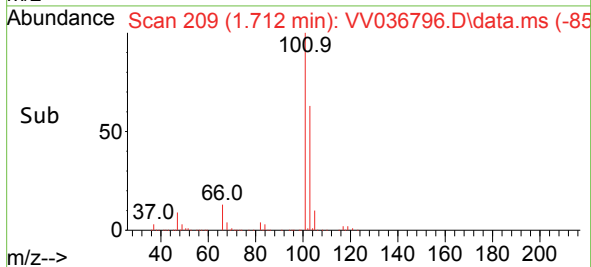
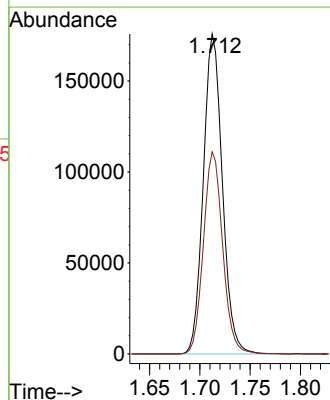
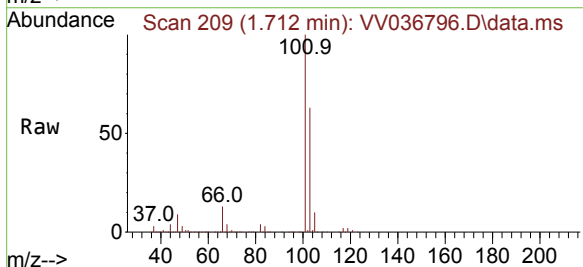
Instrument :
MSVOA_V
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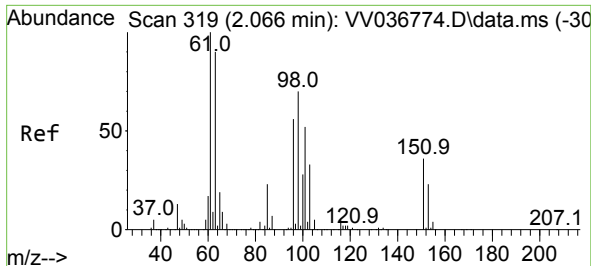
Tgt Ion: 64 Resp: 111741
Ion Ratio Lower Upper
64 100
66 33.4 23.2 43.0



#9
Trichlorofluoromethane
Concen: 44.821 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV036796.D
Acq: 05 Aug 2024 18:38

Tgt Ion:101 Resp: 231827
Ion Ratio Lower Upper
101 100
103 63.8 51.4 77.0

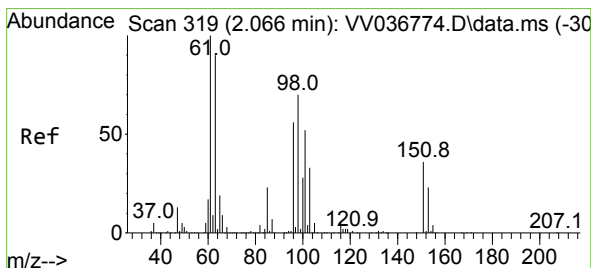
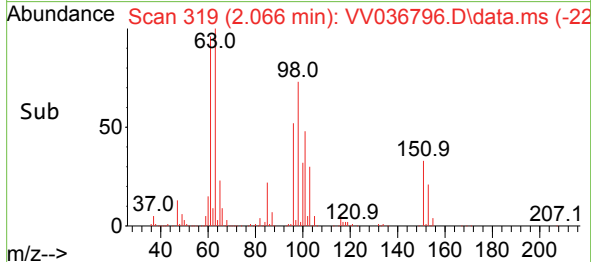
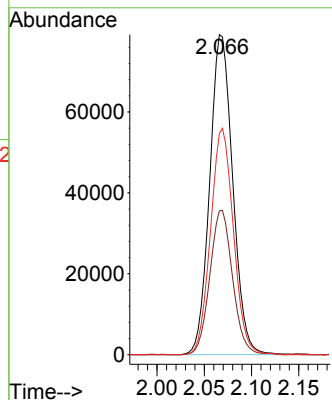
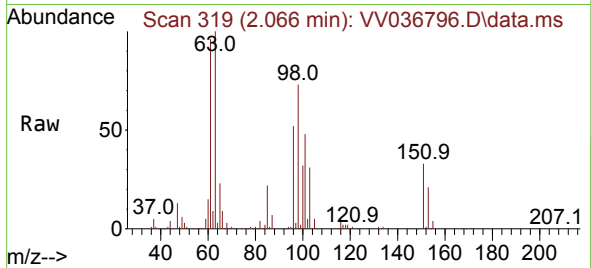




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 43.943 ug/L
RT: 2.066 min Scan# 319
Delta R.T. 0.000 min
Lab File: VV036796.D
Acq: 05 Aug 2024 18:38

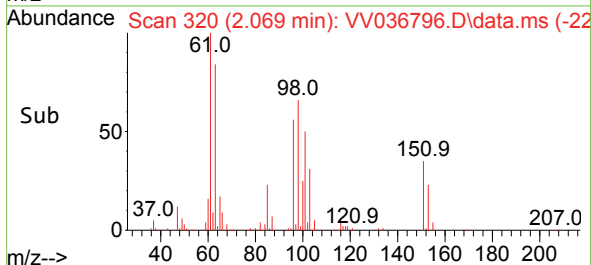
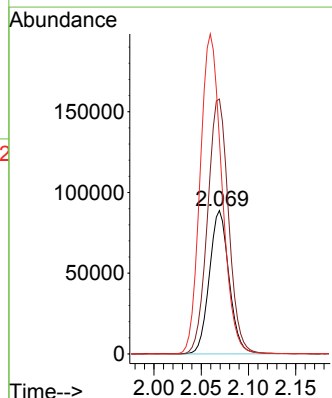
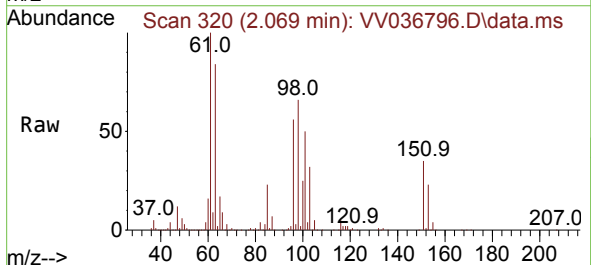
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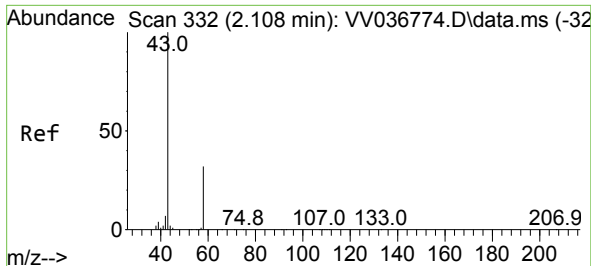
Tgt Ion:101 Resp: 133927
Ion Ratio Lower Upper
101 100
85 44.5 34.6 51.8
151 70.4 55.9 83.9



#12
1,1-Dichloroethene
Concen: 44.229 ug/L
RT: 2.069 min Scan# 320
Delta R.T. 0.003 min
Lab File: VV036796.D
Acq: 05 Aug 2024 18:38

Tgt Ion: 96 Resp: 128741
Ion Ratio Lower Upper
96 100
61 177.9 125.6 233.2
63 149.6 95.1 176.7





#13

Acetone

Concen: 70.645 ug/L

RT: 2.114 min Scan# 31

Delta R.T. 0.006 min

Lab File: VV036796.D

Acq: 05 Aug 2024 18:38

Instrument :

MSVOA_V

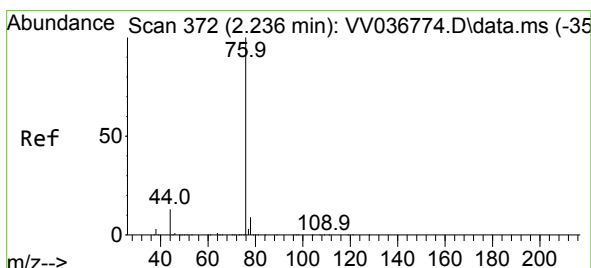
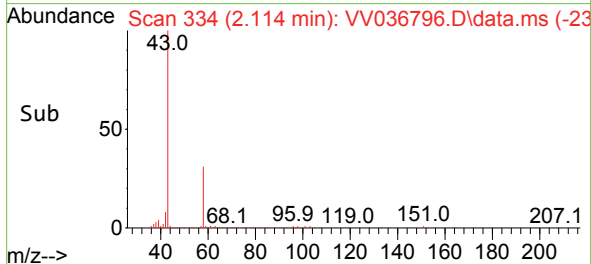
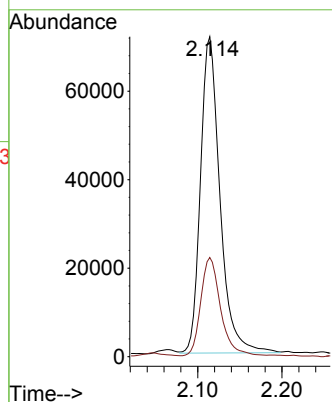
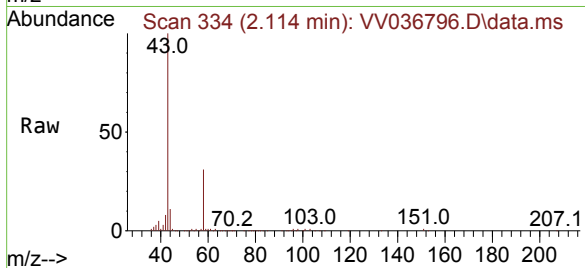
ClientSampleId :

Tgt Ion: 43 Resp: 115260

Ion Ratio Lower Upper

43 100

58 31.3 0.0 63.4



#14

Carbon disulfide

Concen: 43.645 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.003 min

Lab File: VV036796.D

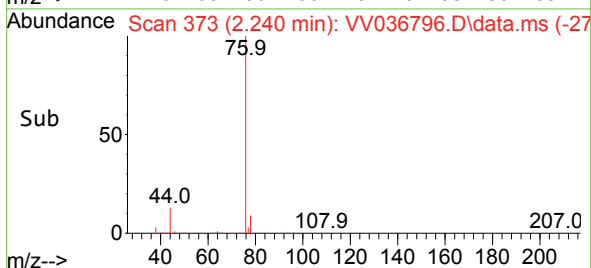
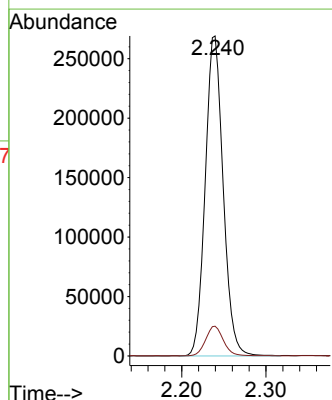
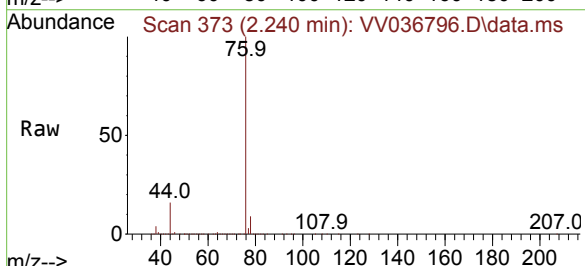
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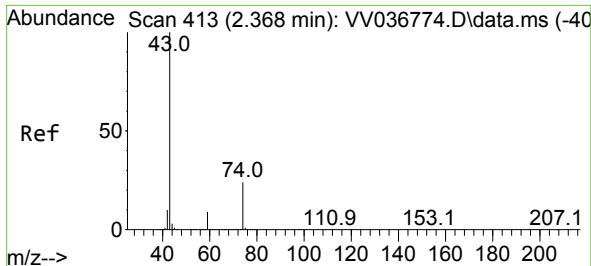
Tgt Ion: 76 Resp: 399070

Ion Ratio Lower Upper

76 100

78 9.3 7.1 10.7

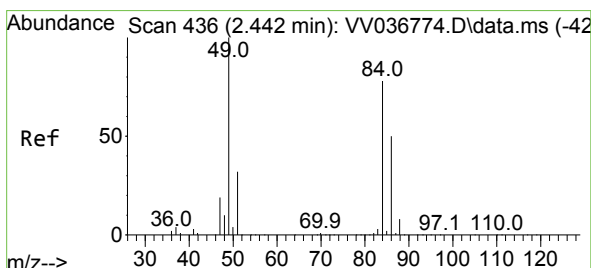
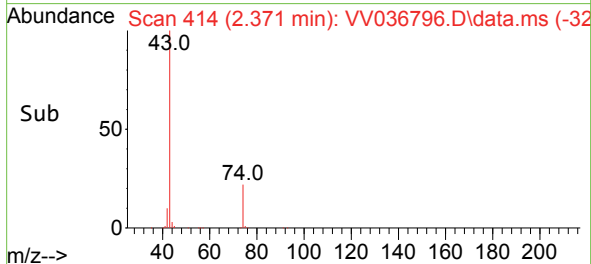
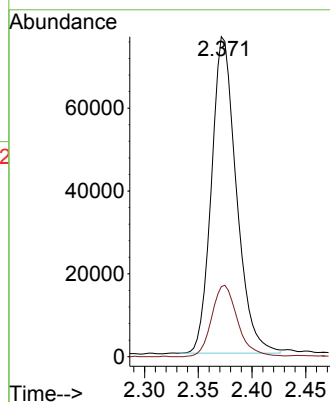
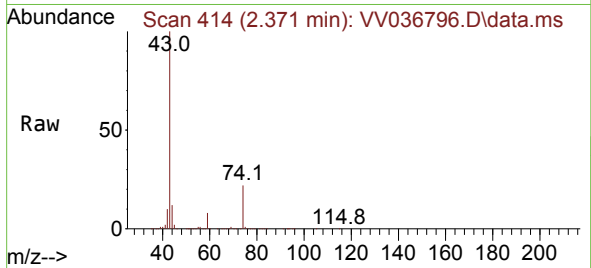




#15
Methyl Acetate
Concen: 36.707 ug/L
RT: 2.371 min Scan# 413
Delta R.T. 0.003 min
Lab File: VV036796.D
Acq: 05 Aug 2024 18:38

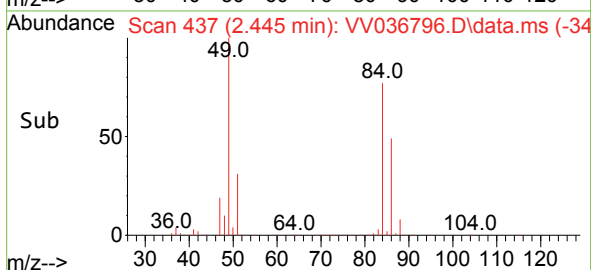
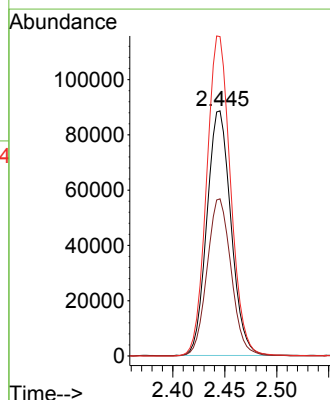
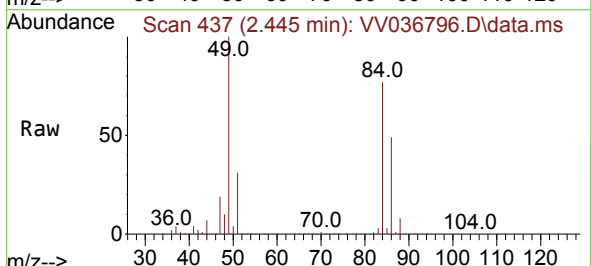
Instrument :
MSVOA_V
ClientSampleId :

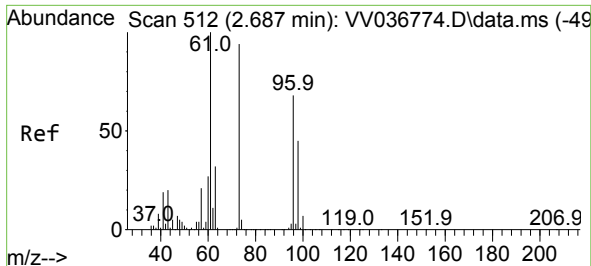
Tgt Ion: 43 Resp: 123375
Ion Ratio Lower Upper
43 100
74 23.5 19.0 28.4



#16
Methylene chloride
Concen: 43.662 ug/L
RT: 2.445 min Scan# 437
Delta R.T. 0.003 min
Lab File: VV036796.D
Acq: 05 Aug 2024 18:38

Tgt Ion: 84 Resp: 142880
Ion Ratio Lower Upper
84 100
86 64.1 44.3 82.3
49 130.2 91.1 169.1





#17

trans-1,2-Dichloroethene

Concen: 43.971 ug/L

RT: 2.690 min Scan# 512

Delta R.T. 0.003 min

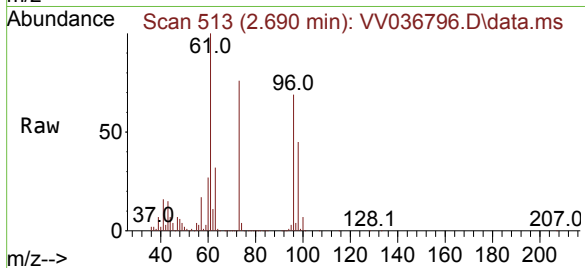
Lab File: VV036796.D

Acq: 05 Aug 2024 18:38

Instrument :

MSVOA_V

ClientSampleId :



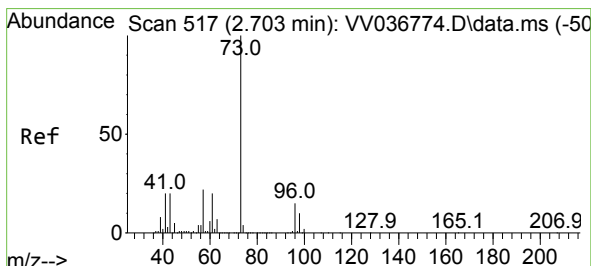
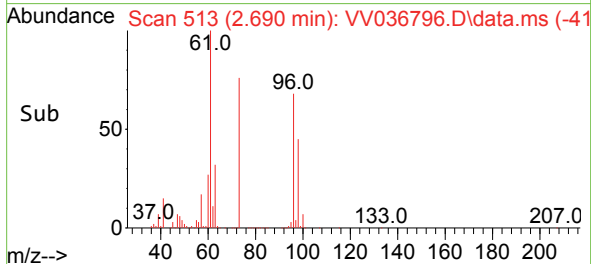
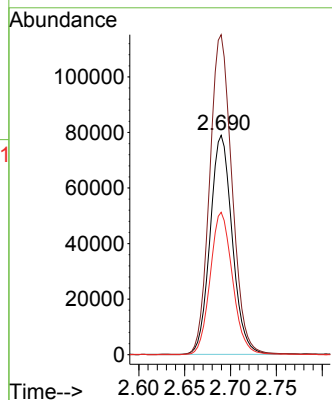
Tgt Ion: 96 Resp: 132577

Ion Ratio Lower Upper

96 100

61 145.9 100.0 185.8

98 65.0 44.0 81.8



#18

Methyl tert-butyl Ether

Concen: 43.136 ug/L

RT: 2.709 min Scan# 519

Delta R.T. 0.006 min

Lab File: VV036796.D

Acq: 05 Aug 2024 18:38

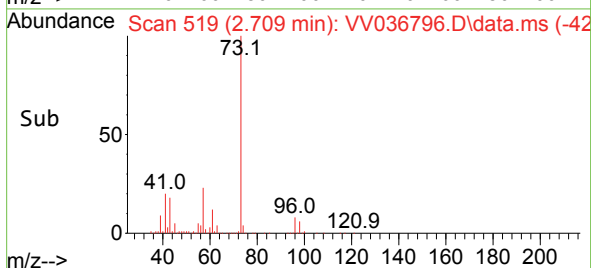
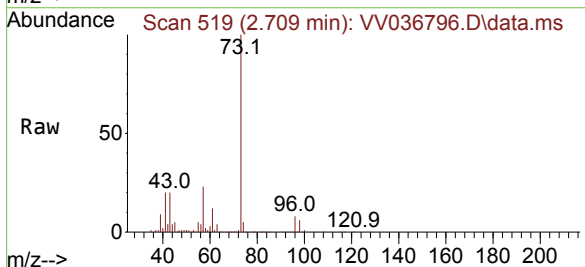
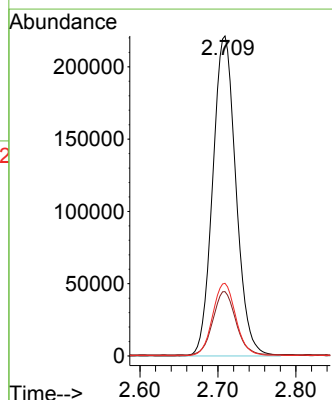
Tgt Ion: 73 Resp: 458066

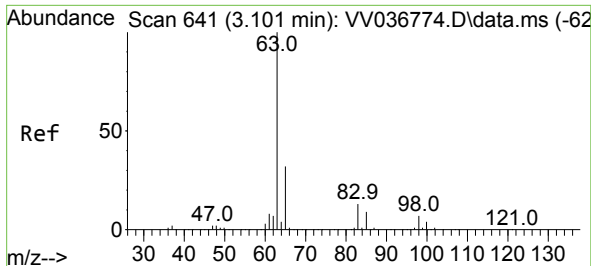
Ion Ratio Lower Upper

73 100

43 19.5 16.1 24.1

57 22.5 17.9 26.9





#19

1,1-Dichloroethane

Concen: 43.907 ug/L

RT: 3.105 min Scan# 641

Delta R.T. 0.003 min

Lab File: VV036796.D

Acq: 05 Aug 2024 18:38

Instrument :

MSVOA_V

ClientSampleId :

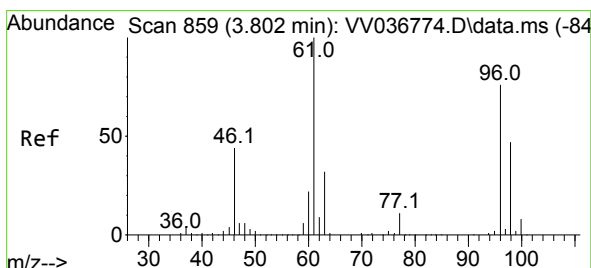
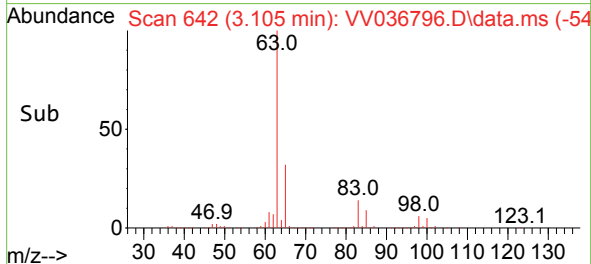
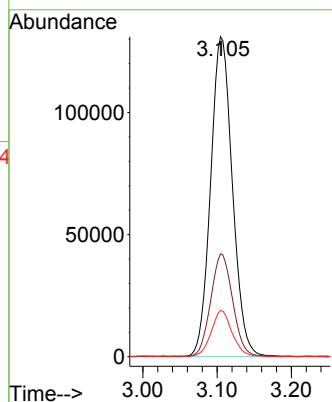
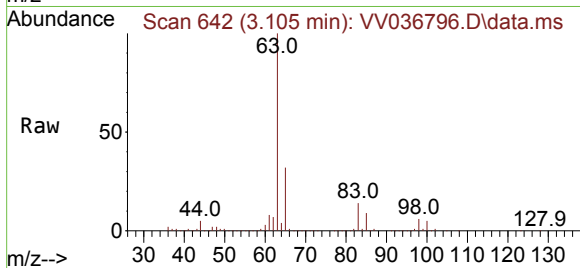
Tgt Ion: 63 Resp: 267464

Ion Ratio Lower Upper

63 100

65 32.2 23.2 43.0

83 14.4 9.2 17.0



#20

cis-1,2-Dichloroethene

Concen: 44.959 ug/L

RT: 3.809 min Scan# 861

Delta R.T. 0.006 min

Lab File: VV036796.D

Acq: 05 Aug 2024 18:38

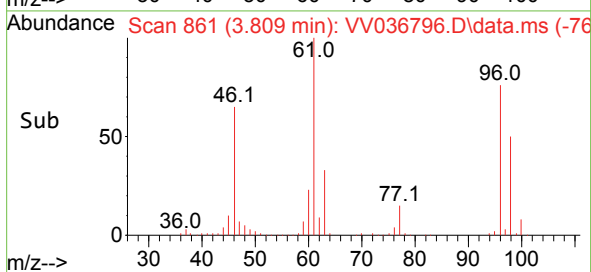
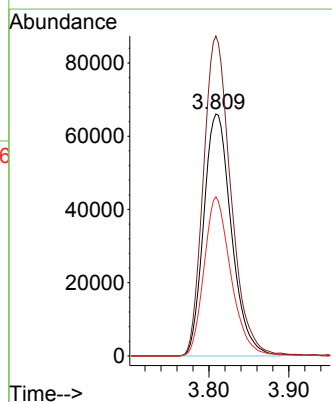
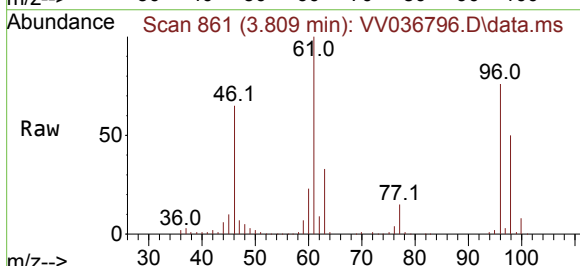
Tgt Ion: 96 Resp: 159104

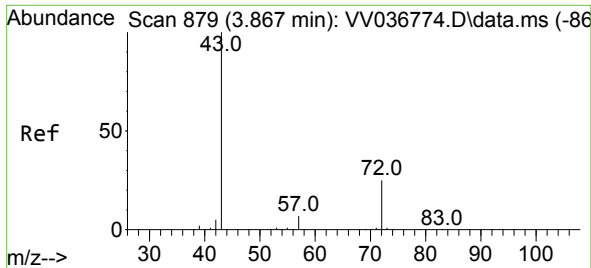
Ion Ratio Lower Upper

96 100

61 132.3 93.9 174.5

98 65.8 46.0 85.4

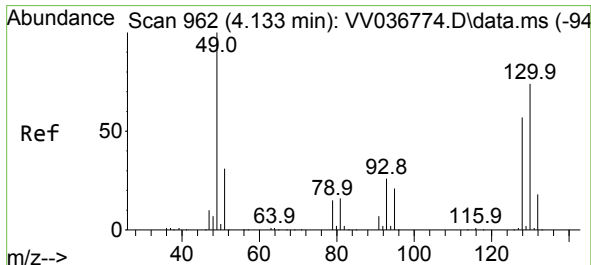
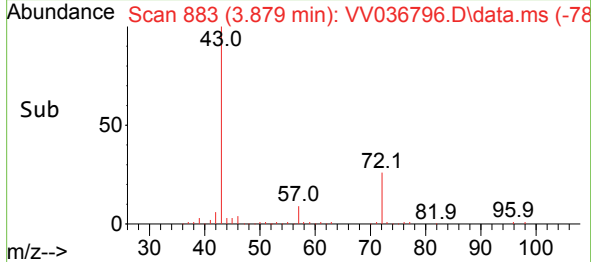
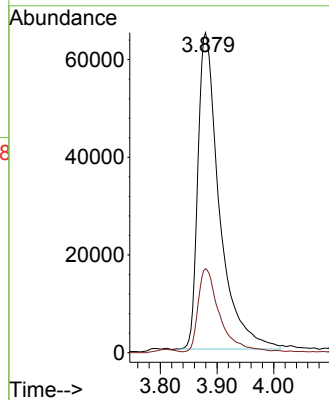
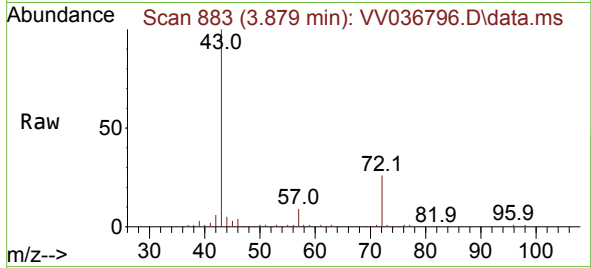




#22
2-Butanone
Concen: 78.074 ug/L
RT: 3.879 min Scan# 81
Delta R.T. 0.013 min
Lab File: VV036796.D
Acq: 05 Aug 2024 18:38

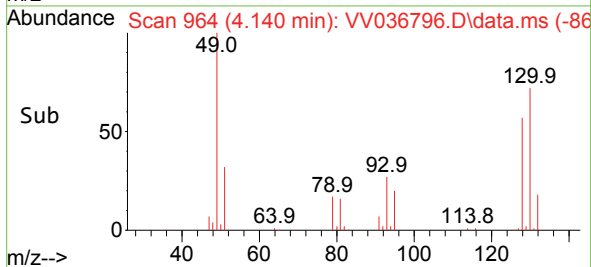
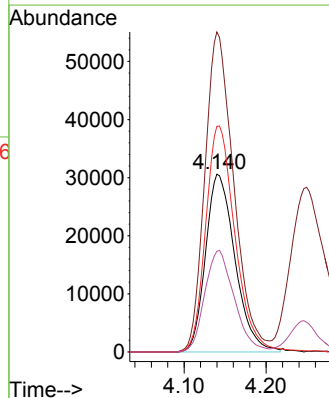
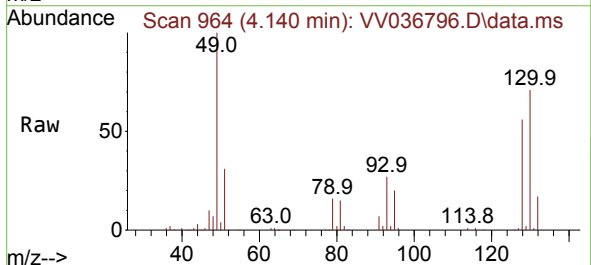
Instrument :
MSVOA_V
ClientSampleId :

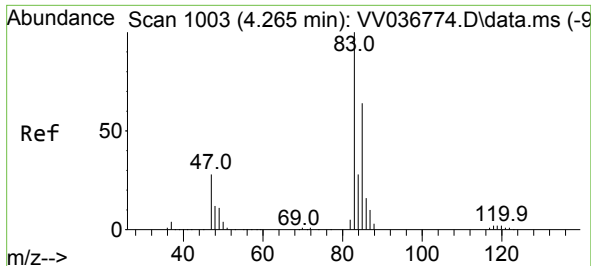
Tgt Ion: 43 Resp: 170643
Ion Ratio Lower Upper
43 100
72 26.4 12.5 37.5



#23
Bromochloromethane
Concen: 44.349 ug/L
RT: 4.140 min Scan# 964
Delta R.T. 0.006 min
Lab File: VV036796.D
Acq: 05 Aug 2024 18:38

Tgt Ion:128 Resp: 76238
Ion Ratio Lower Upper
128 100
49 180.0 120.0 223.0
130 126.9 87.0 161.6
51 56.7 43.1 64.7

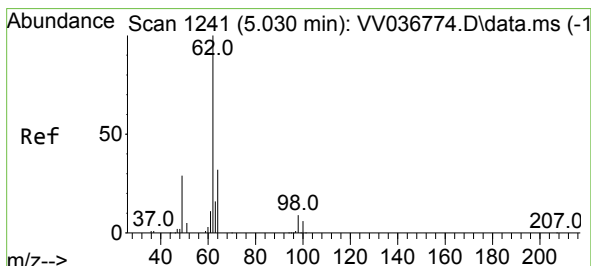
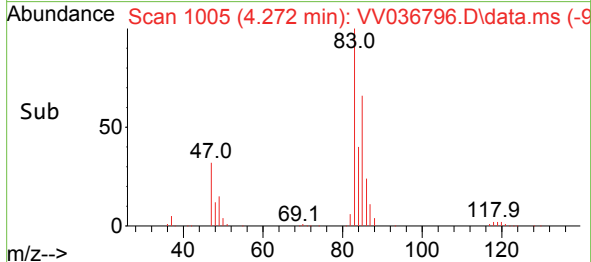
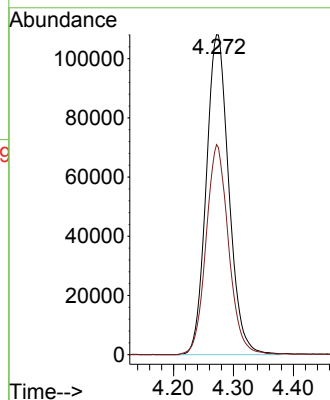
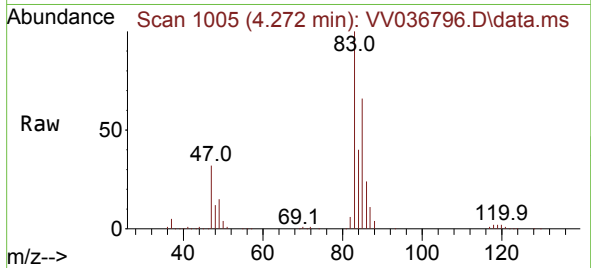




#25
Chloroform
Concen: 45.313 ug/L
RT: 4.272 min Scan# 1005
Delta R.T. 0.006 min
Lab File: VV036796.D
Acq: 05 Aug 2024 18:38

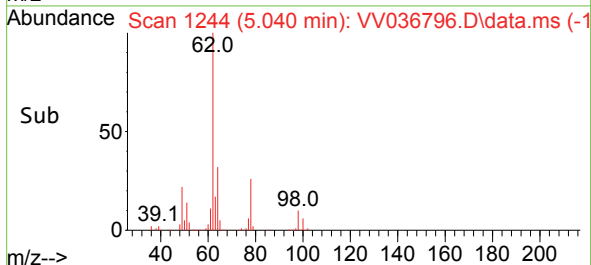
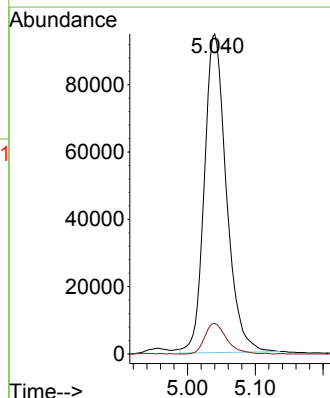
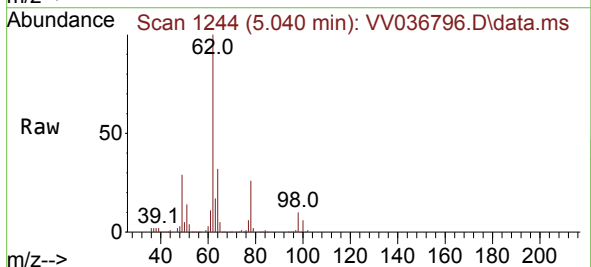
Instrument :
MSVOA_V
ClientSampleId :

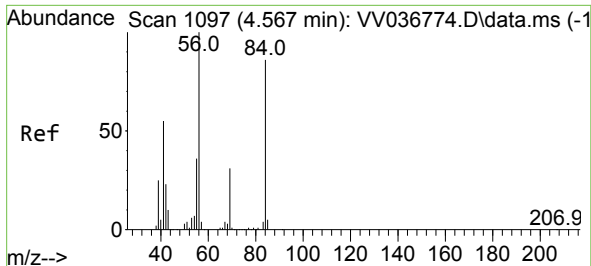
Tgt Ion: 83 Resp: 283504
Ion Ratio Lower Upper
83 100
85 65.7 46.0 85.4



#27
1,2-Dichloroethane
Concen: 43.369 ug/L
RT: 5.040 min Scan# 1244
Delta R.T. 0.010 min
Lab File: VV036796.D
Acq: 05 Aug 2024 18:38

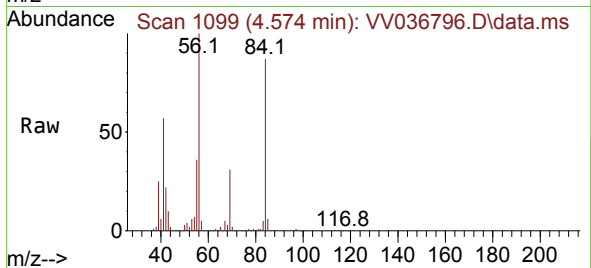
Tgt Ion: 62 Resp: 214036
Ion Ratio Lower Upper
62 100
98 9.6 7.5 11.3



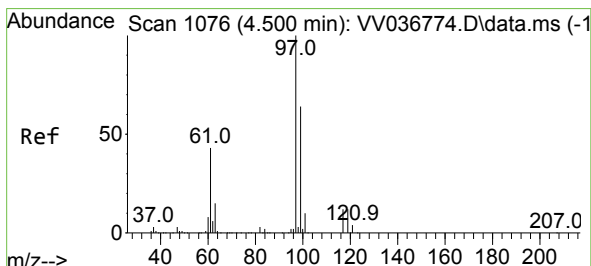
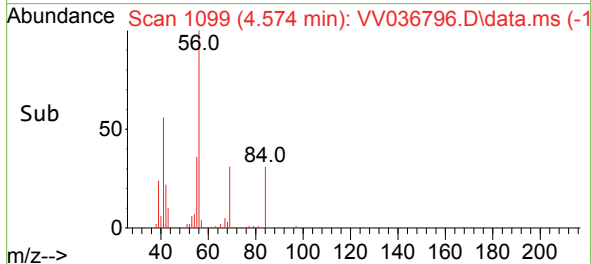
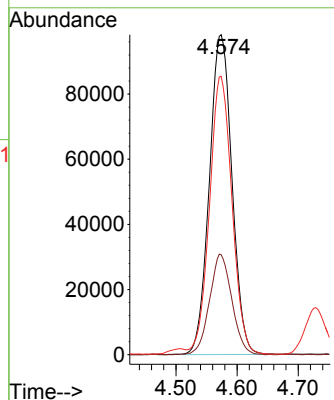


#29
Cyclohexane
Concen: 45.913 ug/L
RT: 4.574 min Scan# 1099
Delta R.T. 0.006 min
Lab File: VV036796.D
Acq: 05 Aug 2024 18:38

Instrument :
MSVOA_V
ClientSampleId :

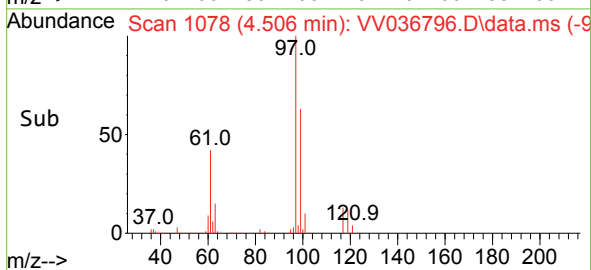
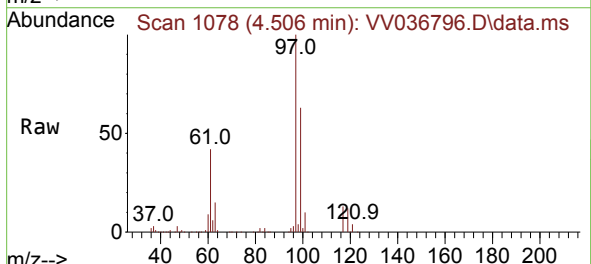
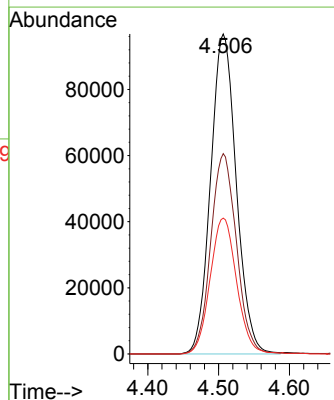


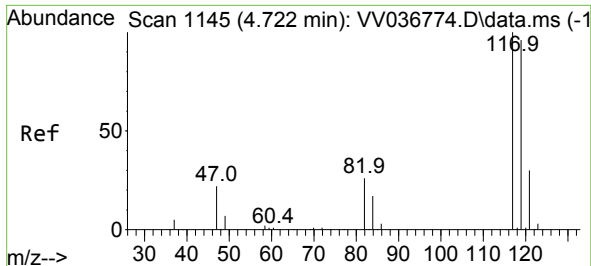
Tgt Ion: 56 Resp: 252518
Ion Ratio Lower Upper
56 100
69 31.0 24.7 37.1
84 86.2 68.5 102.7



#30
1,1,1-Trichloroethane
Concen: 44.856 ug/L
RT: 4.506 min Scan# 1078
Delta R.T. 0.006 min
Lab File: VV036796.D
Acq: 05 Aug 2024 18:38

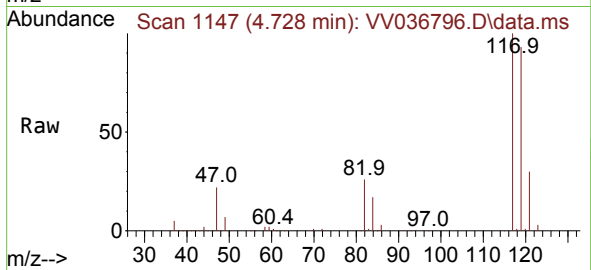
Tgt Ion: 97 Resp: 243949
Ion Ratio Lower Upper
97 100
99 62.8 51.5 77.3
61 43.6 36.0 54.0



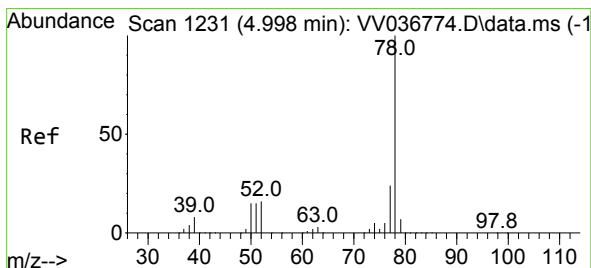
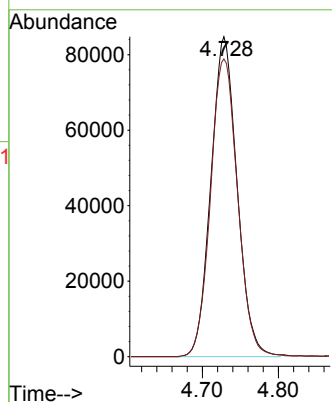
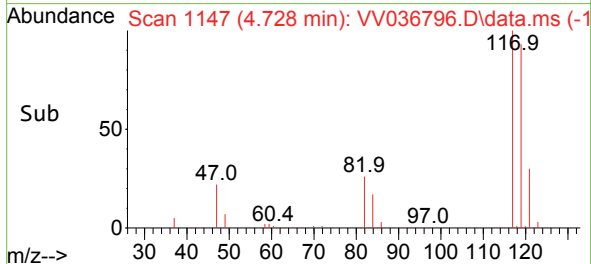


#31
Carbon tetrachloride
Concen: 44.377 ug/L
RT: 4.728 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VV036796.D
Acq: 05 Aug 2024 18:38

Instrument :
MSVOA_V
ClientSampleId :

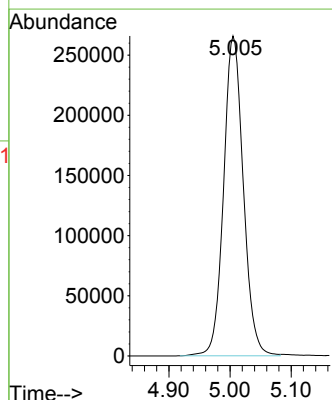
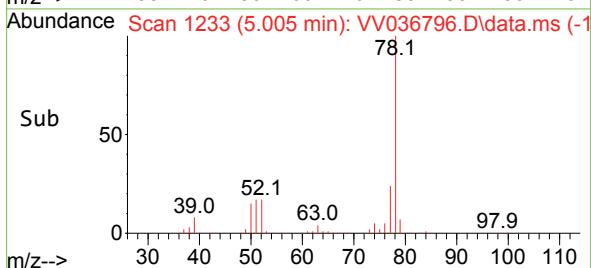
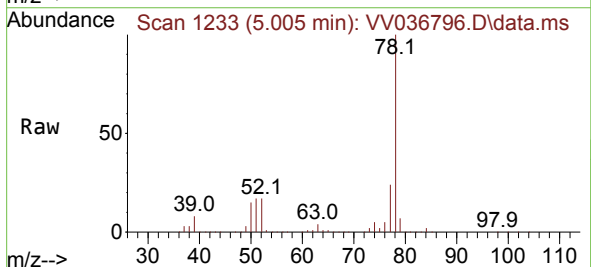


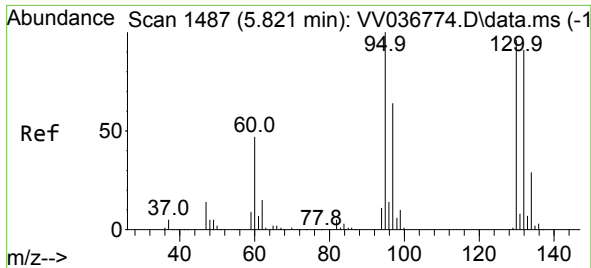
Tgt Ion:117 Resp: 202684
Ion Ratio Lower Upper
117 100
119 96.3 76.1 114.1



#33
Benzene
Concen: 46.093 ug/L
RT: 5.005 min Scan# 1233
Delta R.T. 0.006 min
Lab File: VV036796.D
Acq: 05 Aug 2024 18:38

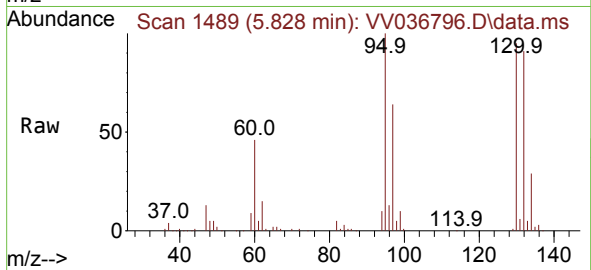
Tgt Ion: 78 Resp: 595116





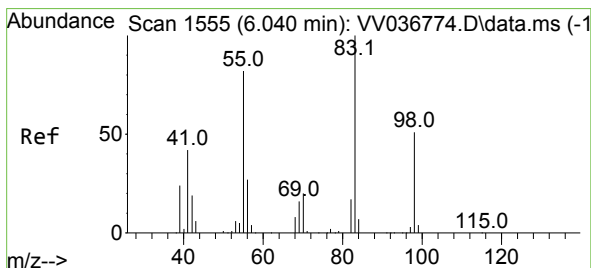
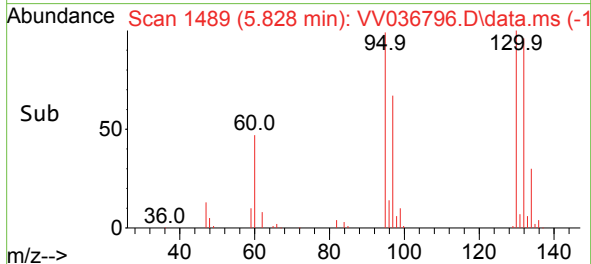
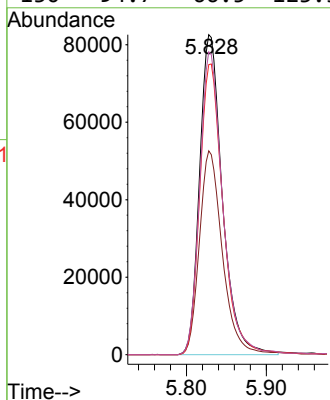
#34
Trichloroethene
Concen: 43.891 ug/L
RT: 5.828 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VV036796.D
Acq: 05 Aug 2024 18:38

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 95 Resp: 164234

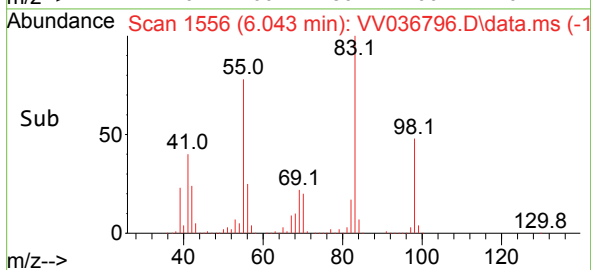
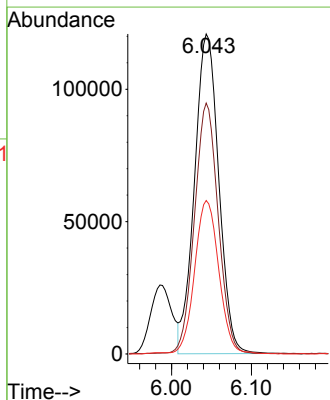
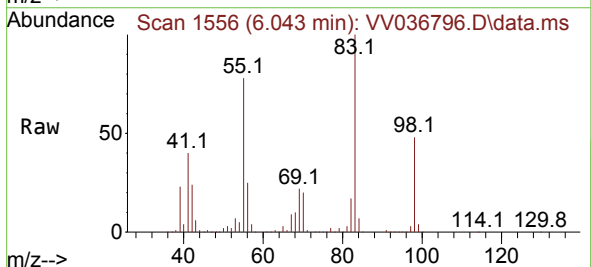
Ion	Ratio	Lower	Upper
95	100		
97	63.7	44.7	82.9
132	90.6	62.9	116.9
130	94.7	66.5	123.5

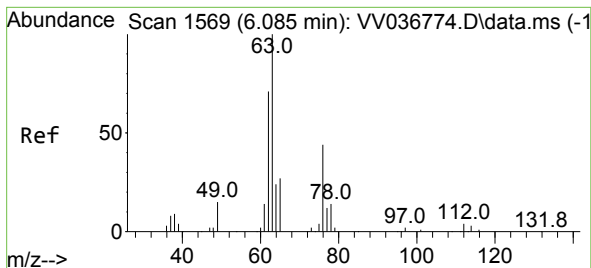


#35
Methylcyclohexane
Concen: 44.445 ug/L
RT: 6.043 min Scan# 1556
Delta R.T. 0.003 min
Lab File: VV036796.D
Acq: 05 Aug 2024 18:38

Tgt Ion: 83 Resp: 255196

Ion	Ratio	Lower	Upper
83	100		
55	76.4	62.3	93.5
98	48.0	38.7	58.1





#37

1,2-Dichloropropane

Concen: 45.345 ug/L

RT: 6.092 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV036796.D

Acq: 05 Aug 2024 18:38

Instrument :

MSVOA_V

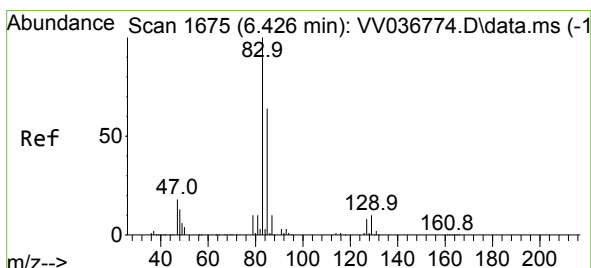
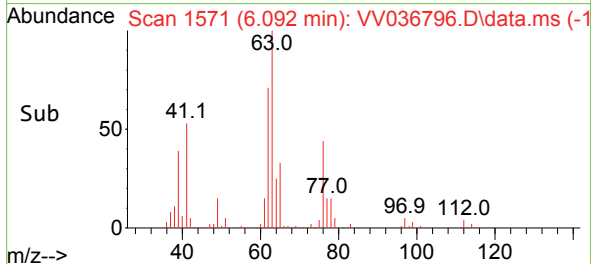
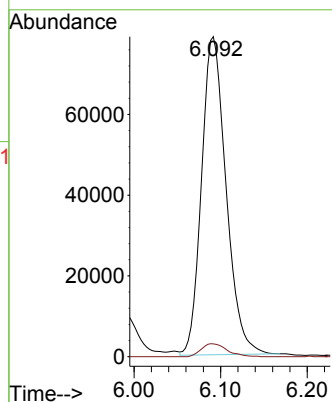
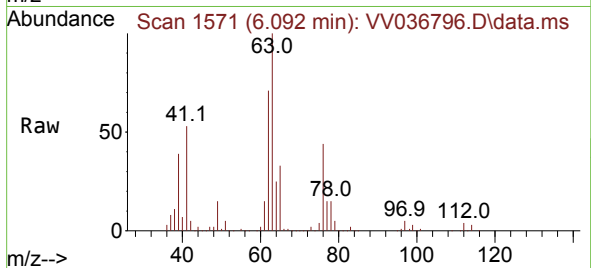
ClientSampleId :

Tgt Ion: 63 Resp: 155093

Ion Ratio Lower Upper

63 100

112 4.3 3.6 5.4



#38

Bromodichloromethane

Concen: 44.091 ug/L

RT: 6.429 min Scan# 1676

Delta R.T. 0.003 min

Lab File: VV036796.D

Acq: 05 Aug 2024 18:38

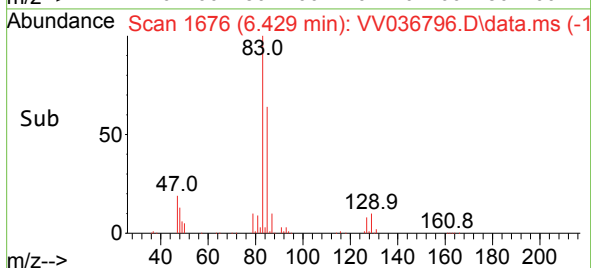
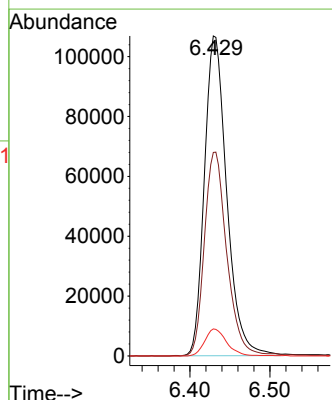
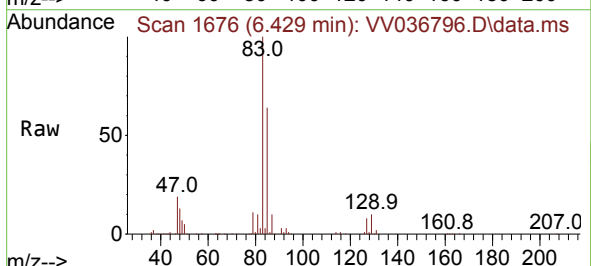
Tgt Ion: 83 Resp: 207665

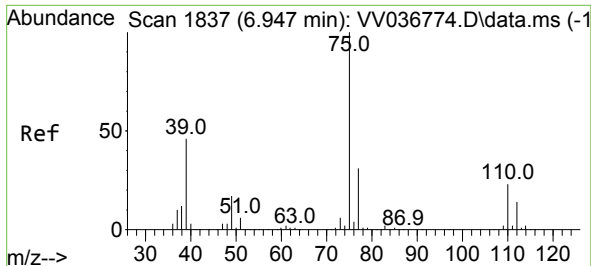
Ion Ratio Lower Upper

83 100

85 63.6 44.7 83.1

127 8.4 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 45.706 ug/L

RT: 6.950 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV036796.D

Acq: 05 Aug 2024 18:38

Instrument :

MSVOA_V

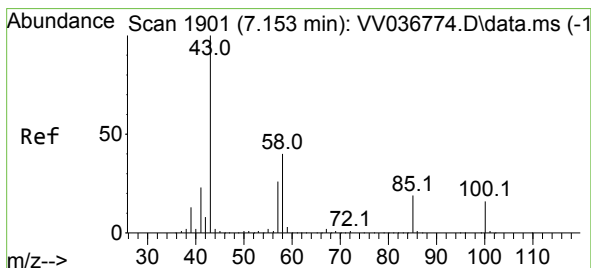
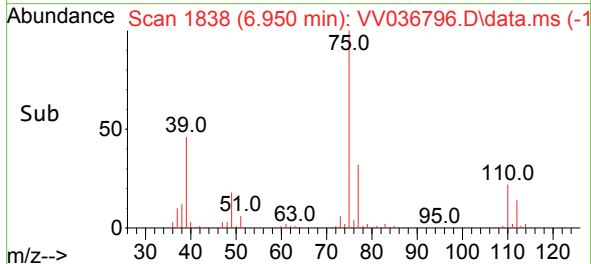
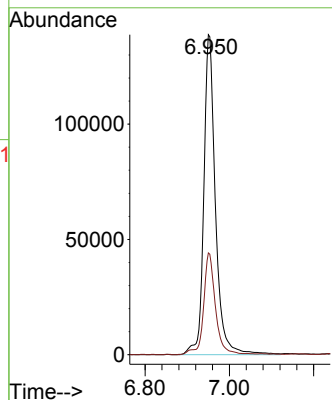
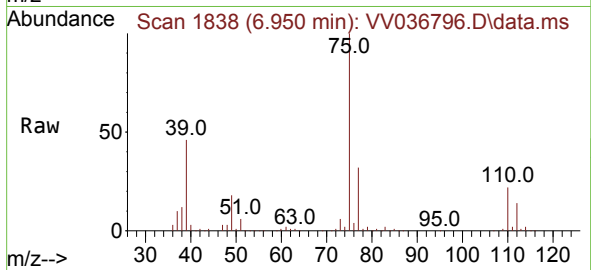
ClientSampleId :

Tgt Ion: 75 Resp: 267732

Ion Ratio Lower Upper

75 100

77 31.8 22.2 41.2



#40

4-Methyl-2-pentanone

Concen: 85.442 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. 0.006 min

Lab File: VV036796.D

Acq: 05 Aug 2024 18:38

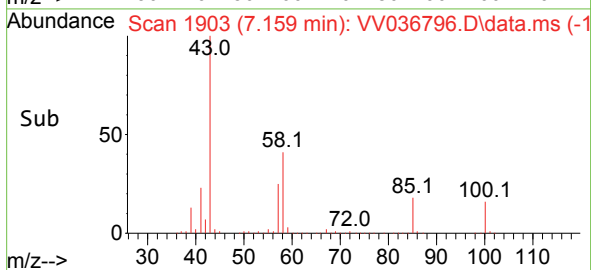
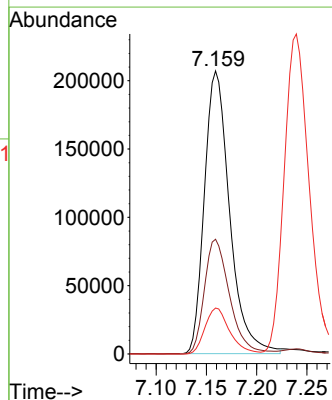
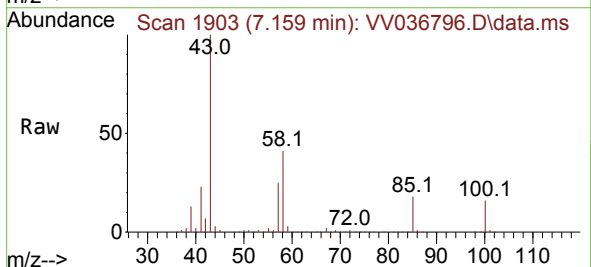
Tgt Ion: 43 Resp: 362009

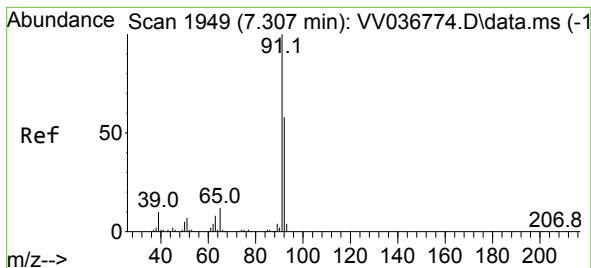
Ion Ratio Lower Upper

43 100

58 40.6 31.3 46.9

100 15.9 12.6 18.8





#42

Toluene

Concen: 45.553 ug/L

RT: 7.310 min Scan# 1949

Delta R.T. 0.003 min

Lab File: VV036796.D

Acq: 05 Aug 2024 18:38

Instrument :

MSVOA_V

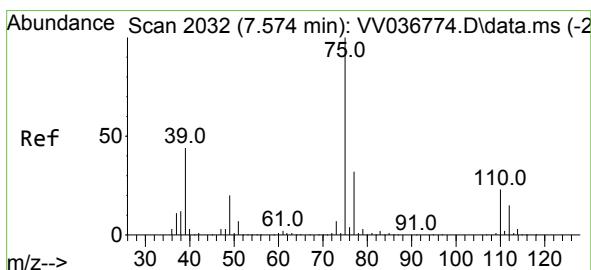
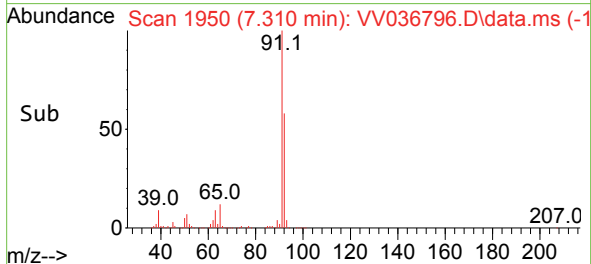
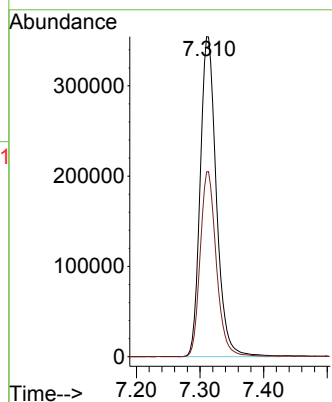
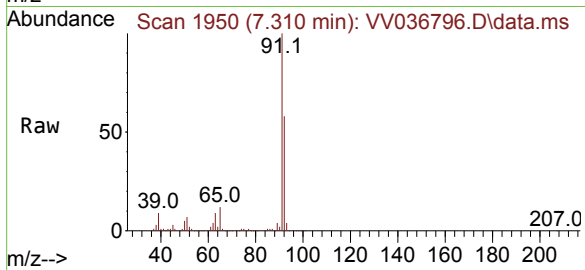
ClientSampleId :

Tgt Ion: 91 Resp: 626450

Ion Ratio Lower Upper

91 100

92 57.8 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 43.150 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. 0.006 min

Lab File: VV036796.D

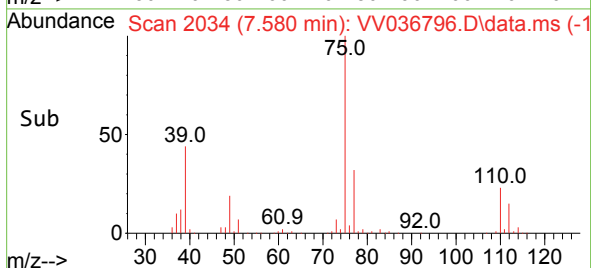
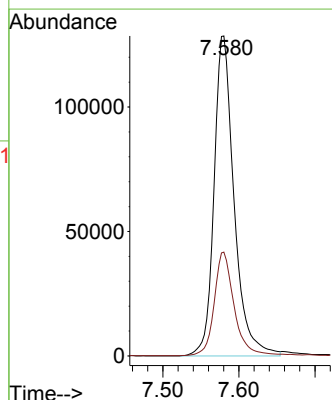
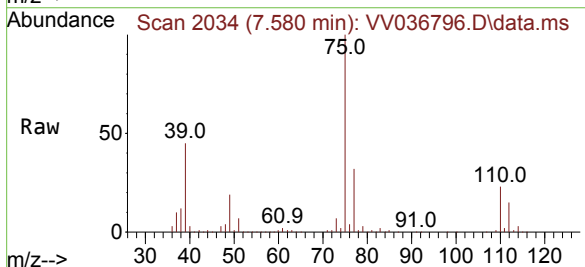
Acq: 05 Aug 2024 18:38

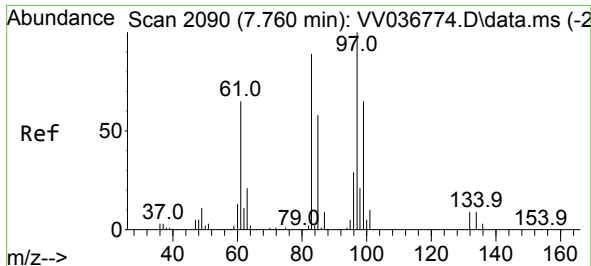
Tgt Ion: 75 Resp: 235528

Ion Ratio Lower Upper

75 100

77 32.5 22.4 41.6

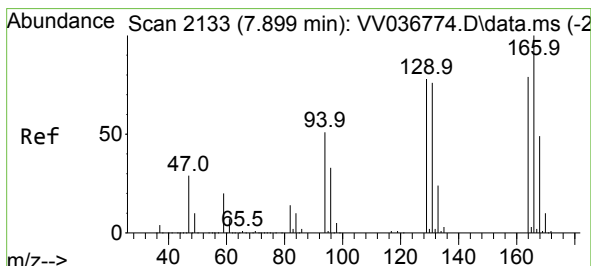
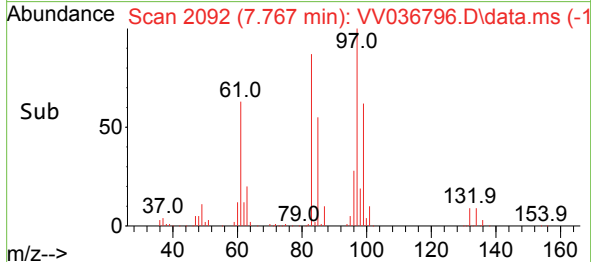
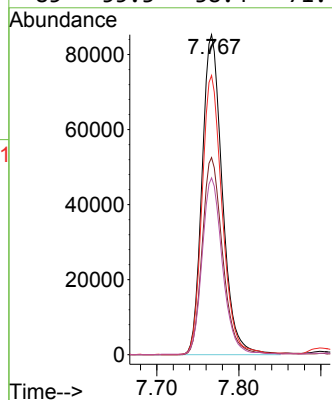
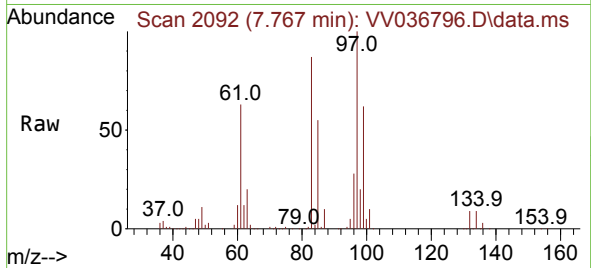




#45
1,1,2-Trichloroethane
Concen: 44.194 ug/L
RT: 7.767 min Scan# 2090
Delta R.T. 0.006 min
Lab File: VV036796.D
Acq: 05 Aug 2024 18:38

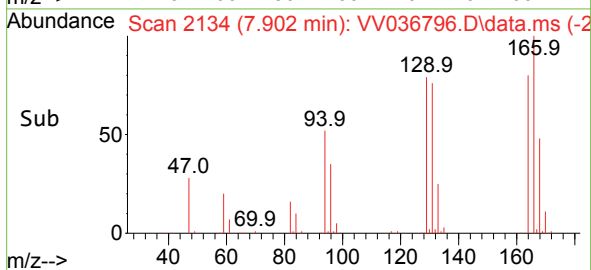
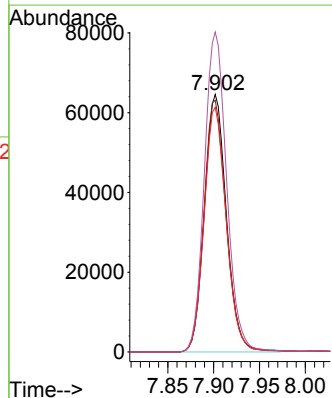
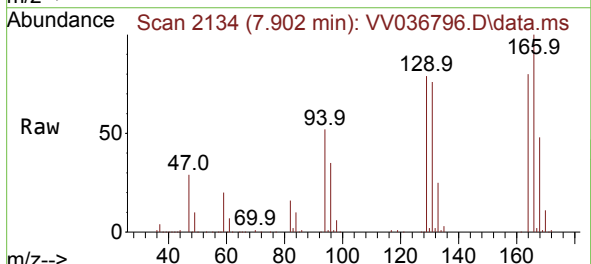
Instrument :
MSVOA_V
ClientSampleId :

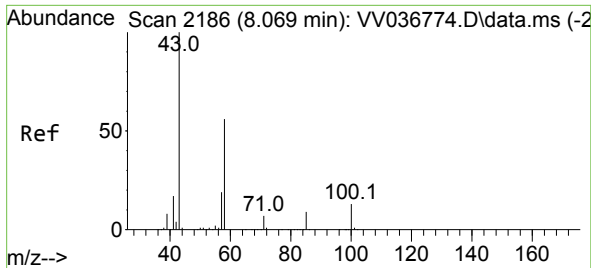
Tgt Ion: 97 Resp: 146382
Ion Ratio Lower Upper
97 100
99 61.6 44.0 81.6
83 87.3 60.1 111.5
85 55.3 38.4 71.4



#46
Tetrachloroethene
Concen: 43.945 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.003 min
Lab File: VV036796.D
Acq: 05 Aug 2024 18:38

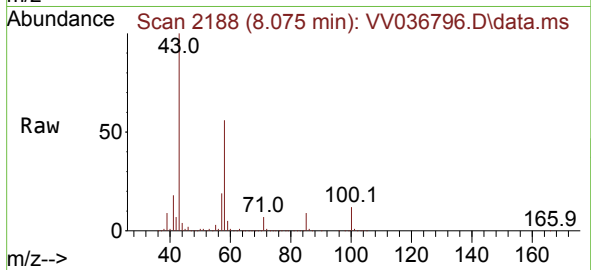
Tgt Ion: 164 Resp: 107858
Ion Ratio Lower Upper
164 100
129 97.8 70.4 130.8
131 95.0 67.7 125.7
166 124.3 88.4 164.2



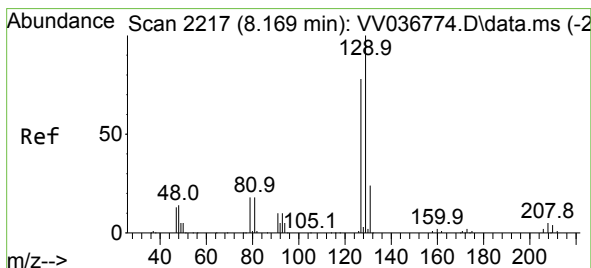
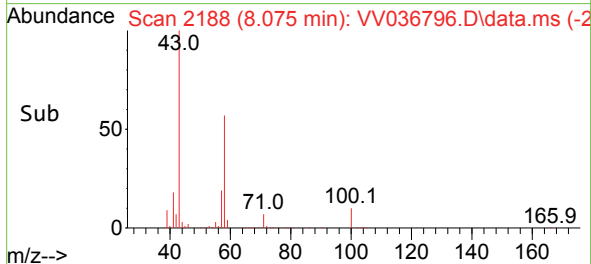
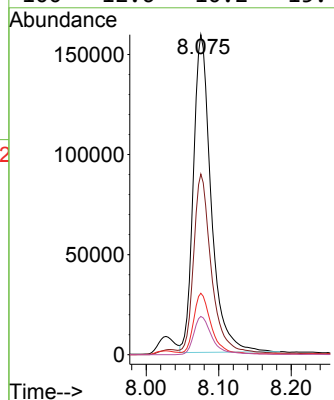


#48
2-Hexanone
Concen: 86.876 ug/L
RT: 8.075 min Scan# 2188
Delta R.T. 0.006 min
Lab File: VV036796.D
Acq: 05 Aug 2024 18:38

Instrument :
MSVOA_V
ClientSampleId :

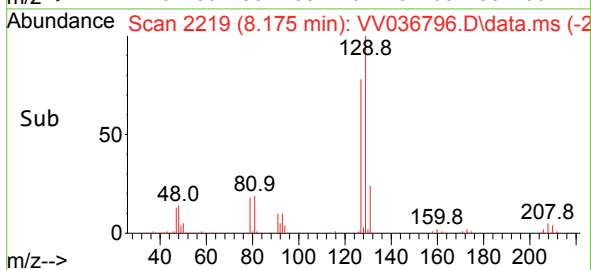
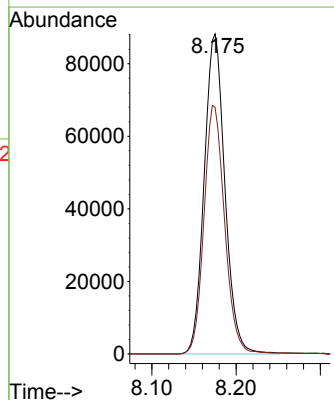
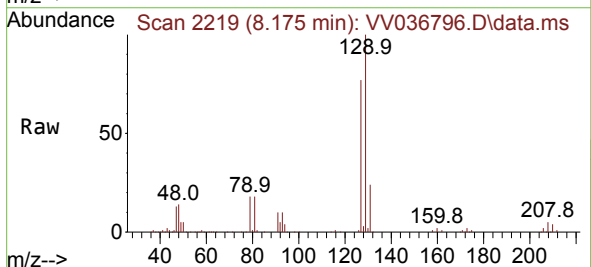


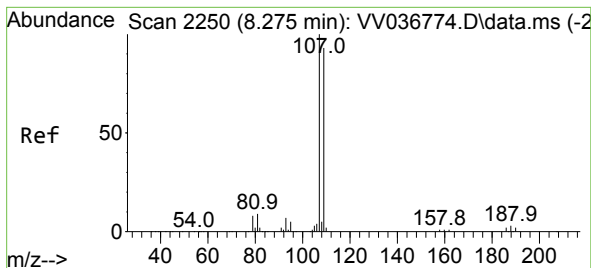
Tgt Ion: 43 Resp: 270791
Ion Ratio Lower Upper
43 100
58 56.9 44.7 67.1
57 18.3 15.0 22.4
100 12.6 10.2 15.4



#49
Dibromochloromethane
Concen: 44.378 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. 0.006 min
Lab File: VV036796.D
Acq: 05 Aug 2024 18:38

Tgt Ion: 129 Resp: 151054
Ion Ratio Lower Upper
129 100
127 77.1 55.4 102.8





#50

1,2-Dibromoethane

Concen: 44.088 ug/L

RT: 8.281 min Scan# 21

Delta R.T. 0.006 min

Lab File: VV036796.D

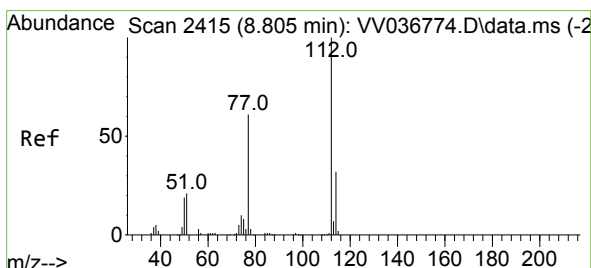
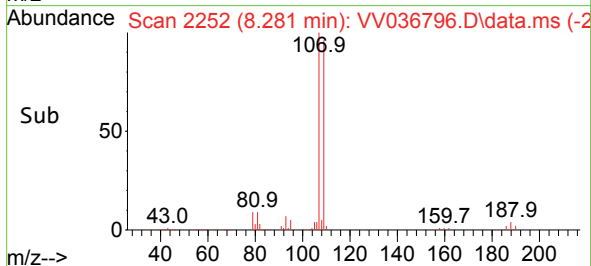
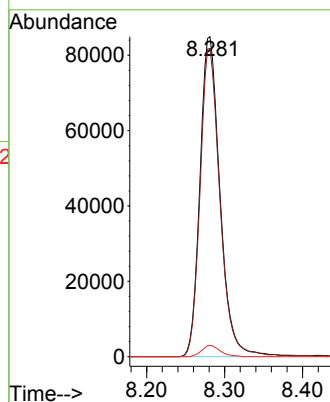
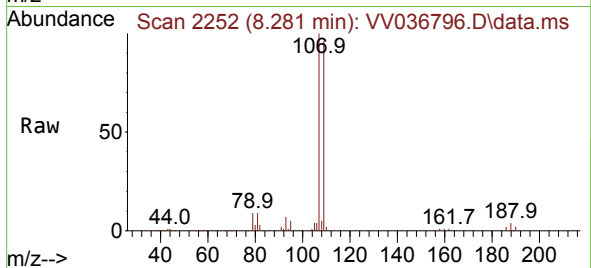
Acq: 05 Aug 2024 18:38

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp: 151513
Ion Ratio	Lower Upper
107 100	
109 96.3	64.7 120.1
188 3.6	2.6 3.8



#51

Chlorobenzene

Concen: 45.111 ug/L

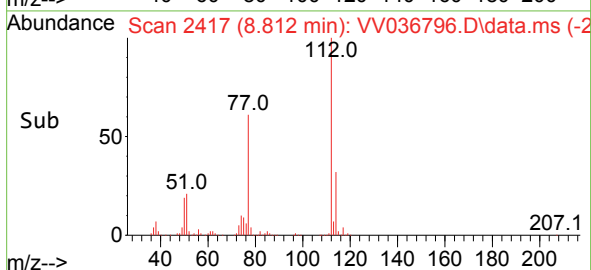
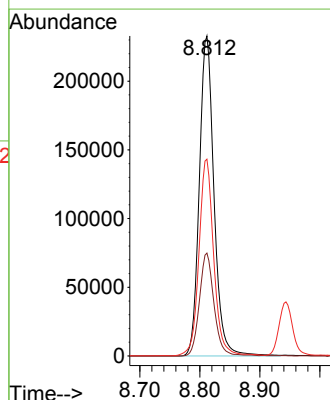
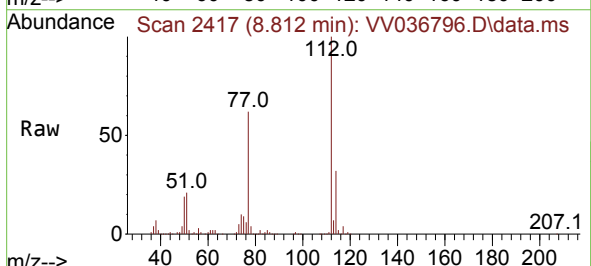
RT: 8.812 min Scan# 2417

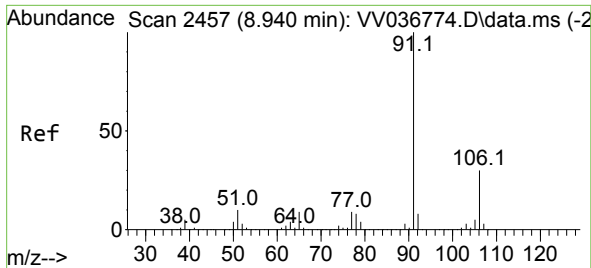
Delta R.T. 0.006 min

Lab File: VV036796.D

Acq: 05 Aug 2024 18:38

Tgt Ion:112	Resp: 398050
Ion Ratio	Lower Upper
112 100	
114 32.1	22.3 41.5
77 61.5	48.9 73.3

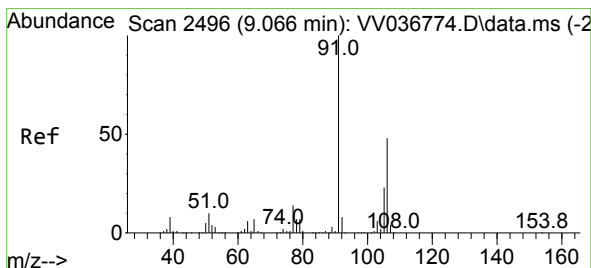
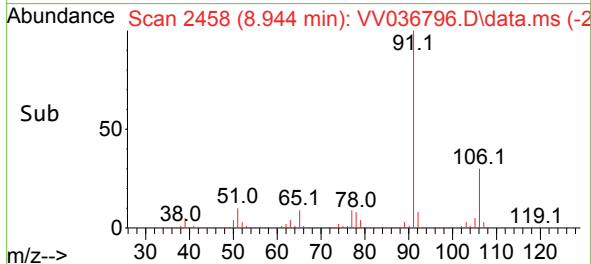
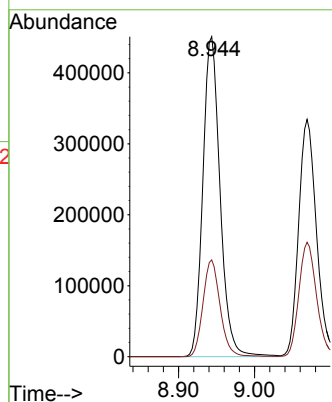
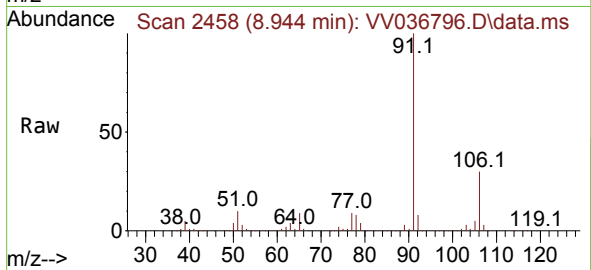




#52
Ethylbenzene
Concen: 45.220 ug/L
RT: 8.944 min Scan# 2457
Delta R.T. 0.003 min
Lab File: VV036796.D
Acq: 05 Aug 2024 18:38

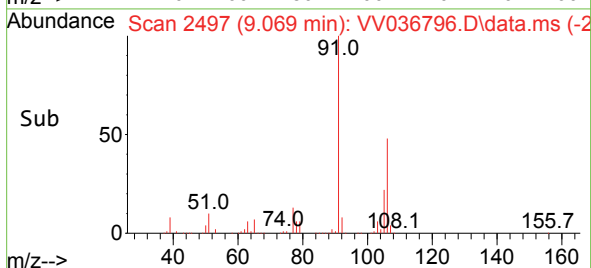
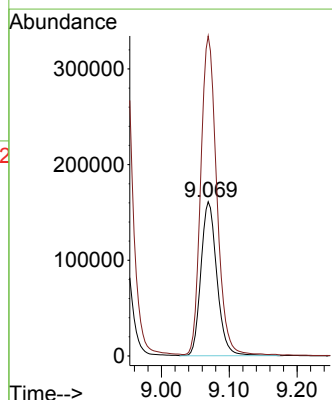
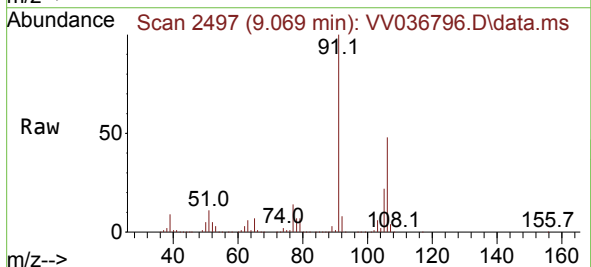
Instrument :
MSVOA_V
ClientSampleId :

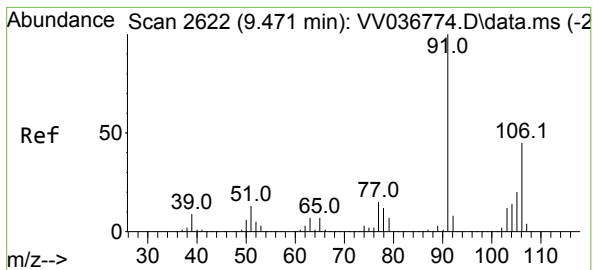
Tgt Ion: 91 Resp: 710065
Ion Ratio Lower Upper
91 100
106 30.3 21.1 39.1



#53
m,p-Xylene
Concen: 44.770 ug/L
RT: 9.069 min Scan# 2497
Delta R.T. 0.003 min
Lab File: VV036796.D
Acq: 05 Aug 2024 18:38

Tgt Ion: 106 Resp: 262772
Ion Ratio Lower Upper
106 100
91 207.5 147.1 273.3





#54

o-Xylene

Concen: 44.971 ug/L

RT: 9.474 min Scan# 2622

Delta R.T. 0.003 min

Lab File: VV036796.D

Acq: 05 Aug 2024 18:38

Instrument :

MSVOA_V

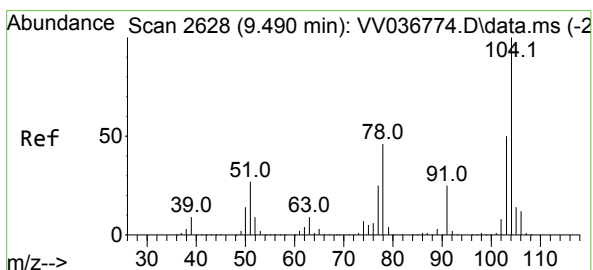
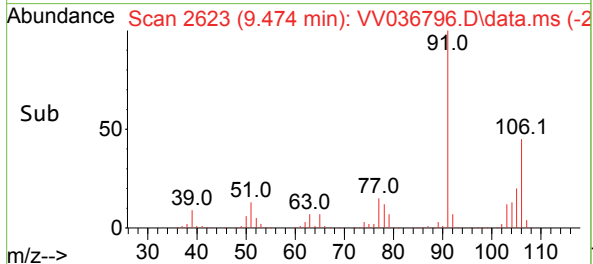
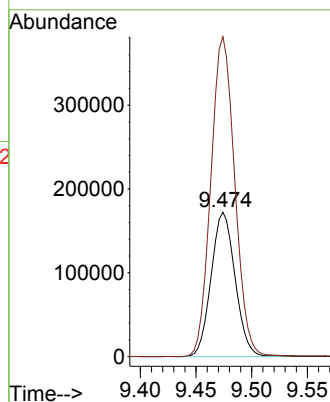
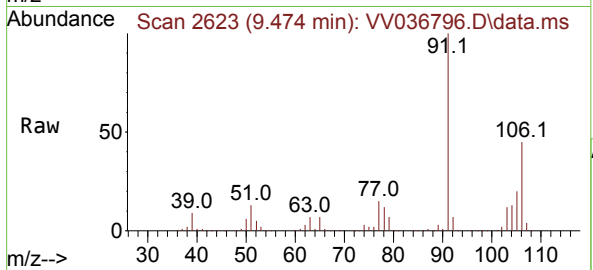
ClientSampleId :

Tgt Ion:106 Resp: 258165

Ion Ratio Lower Upper

106 100

91 221.4 154.5 286.9



#55

Styrene

Concen: 44.387 ug/L

RT: 9.493 min Scan# 2629

Delta R.T. 0.003 min

Lab File: VV036796.D

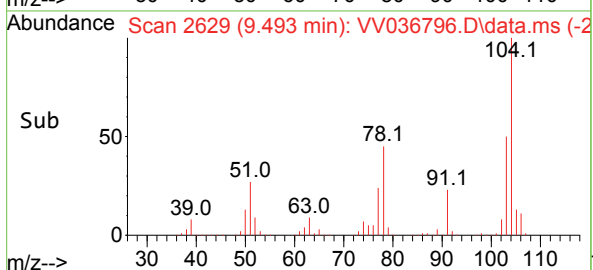
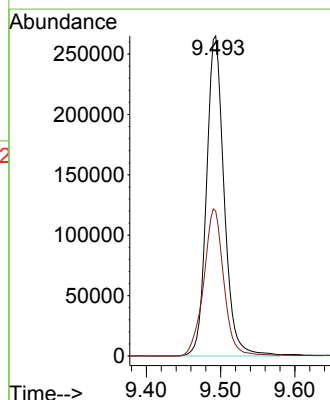
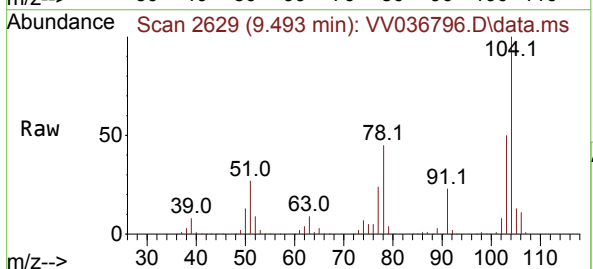
Acq: 05 Aug 2024 18:38

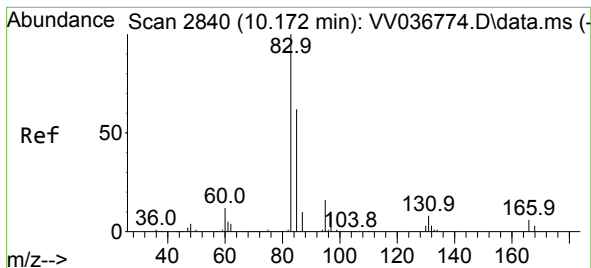
Tgt Ion:104 Resp: 436670

Ion Ratio Lower Upper

104 100

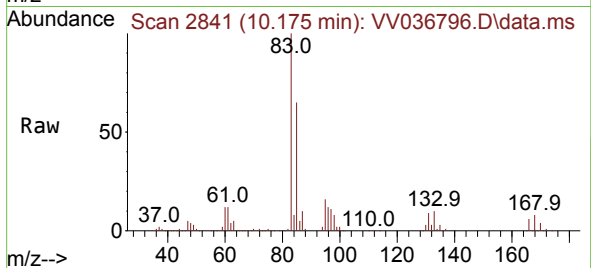
78 45.2 32.1 59.7



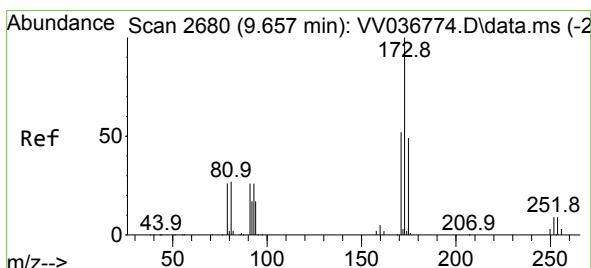
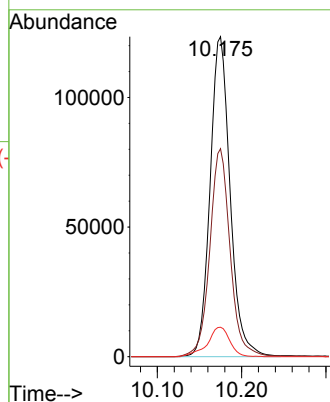
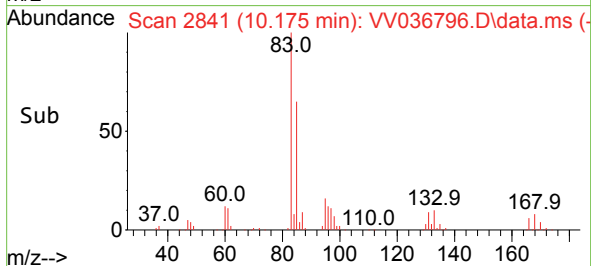


#57
 1,1,2-Tetrachloroethane
 Concen: 45.652 ug/L
 RT: 10.175 min Scan# 2840
 Delta R.T. 0.003 min
 Lab File: VV036796.D
 Acq: 05 Aug 2024 18:38

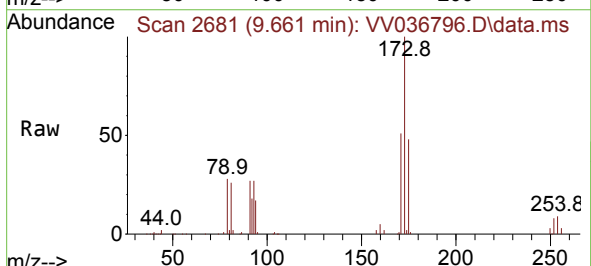
Instrument :
 MSVOA_V
 ClientSampleId :



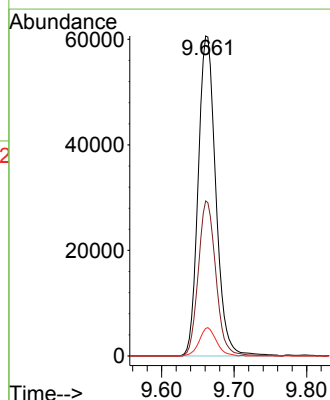
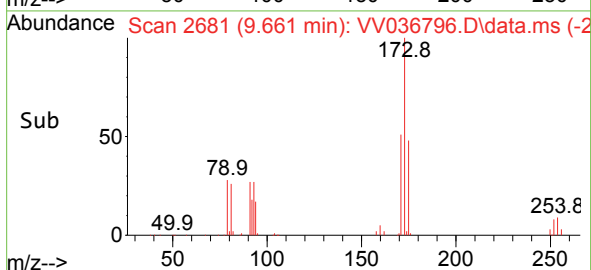
Tgt Ion: 83 Resp: 204035
 Ion Ratio Lower Upper
 83 100
 85 65.0 44.7 83.1
 131 9.2 7.2 10.8

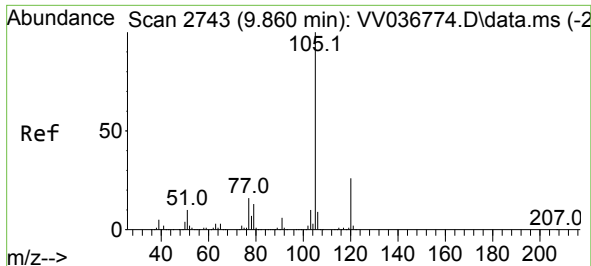


#59
 Bromoform
 Concen: 43.631 ug/L
 RT: 9.661 min Scan# 2681
 Delta R.T. 0.003 min
 Lab File: VV036796.D
 Acq: 05 Aug 2024 18:38



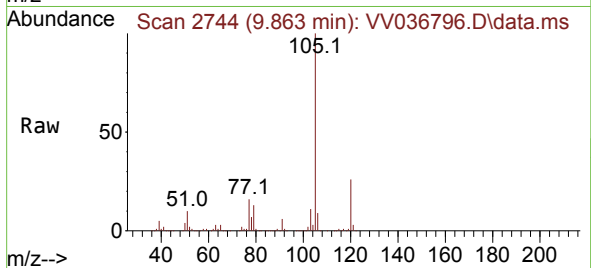
Tgt Ion: 173 Resp: 102194
 Ion Ratio Lower Upper
 173 100
 175 48.2 39.8 59.8
 254 8.6 6.8 10.2



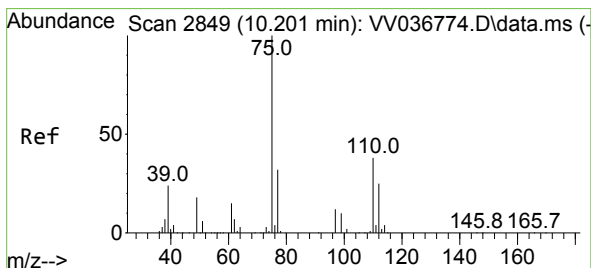
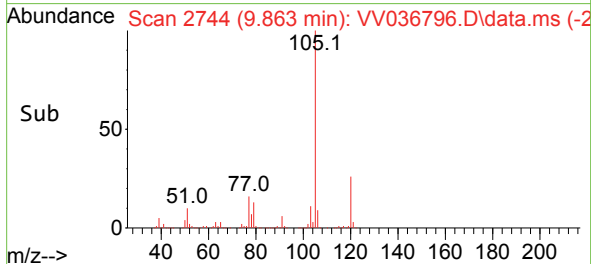
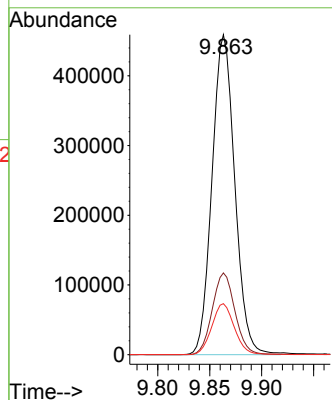


#60
Isopropylbenzene
Concen: 45.305 ug/L
RT: 9.863 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV036796.D
Acq: 05 Aug 2024 18:38

Instrument :
MSVOA_V
ClientSampleId :

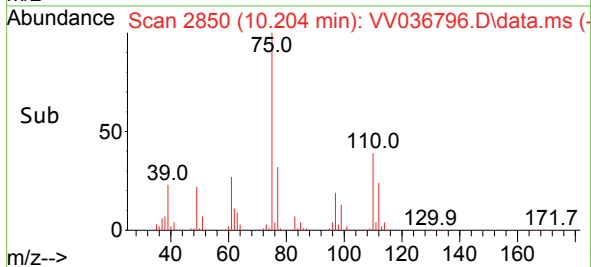
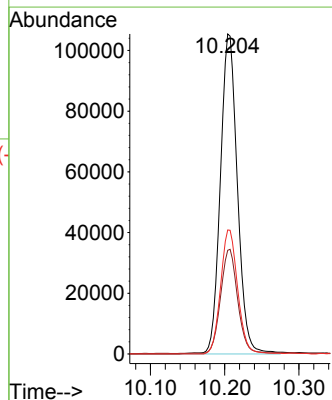
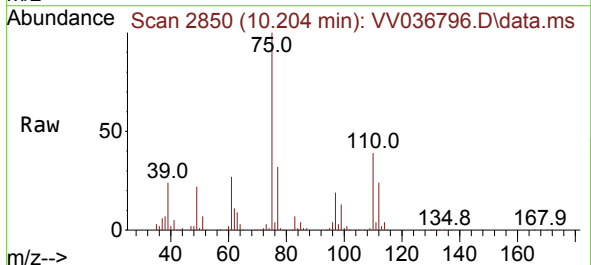


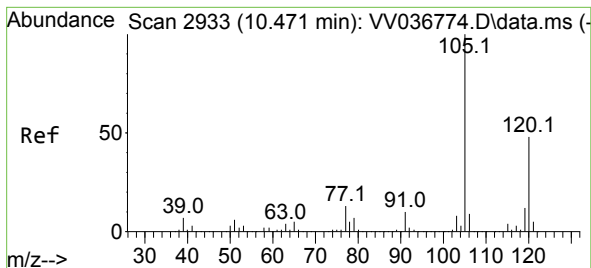
Tgt Ion:105 Resp: 698331
Ion Ratio Lower Upper
105 100
120 25.4 20.3 30.5
77 15.7 13.1 19.7



#61
1,2,3-Trichloropropane
Concen: 44.138 ug/L
RT: 10.204 min Scan# 2850
Delta R.T. 0.003 min
Lab File: VV036796.D
Acq: 05 Aug 2024 18:38

Tgt Ion: 75 Resp: 168223
Ion Ratio Lower Upper
75 100
77 32.2 26.2 39.2
110 38.9 31.3 46.9





#62

1,3,5-Trimethylbenzene

Concen: 44.494 ug/L

RT: 10.471 min Scan# 2933

Delta R.T. 0.000 min

Lab File: VV036796.D

Acq: 05 Aug 2024 18:38

Instrument :

MSVOA_V

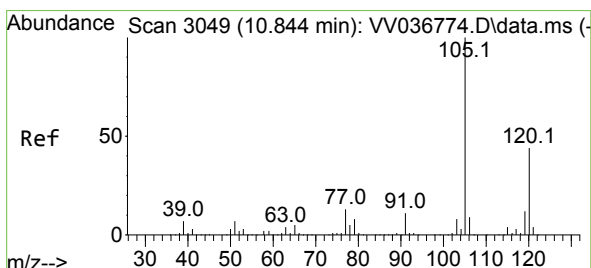
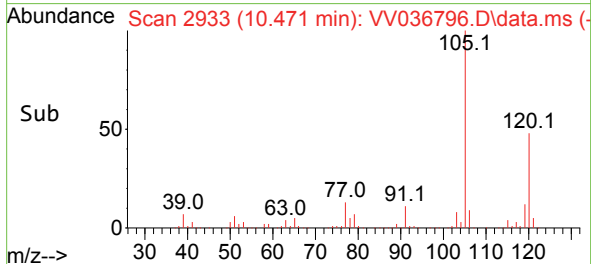
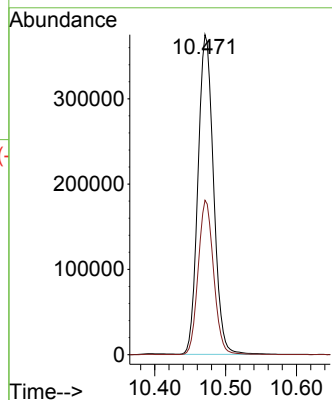
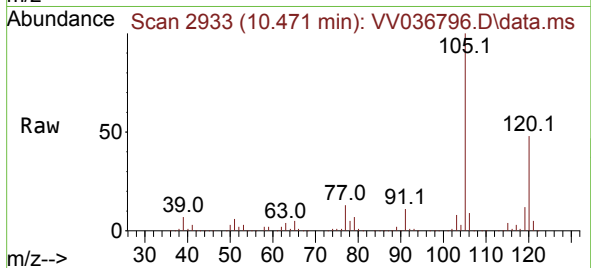
ClientSampleId :

Tgt Ion:105 Resp: 570979

Ion Ratio Lower Upper

105 100

120 47.9 37.7 56.5



#63

1,2,4-Trimethylbenzene

Concen: 44.949 ug/L

RT: 10.847 min Scan# 3050

Delta R.T. 0.003 min

Lab File: VV036796.D

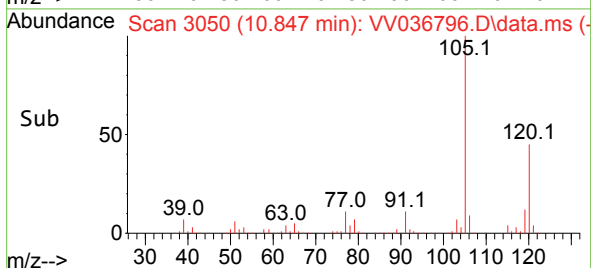
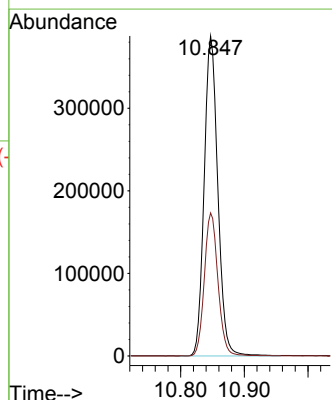
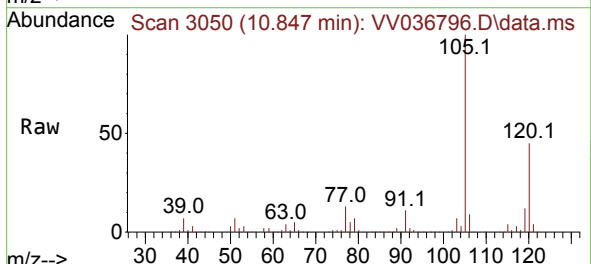
Acq: 05 Aug 2024 18:38

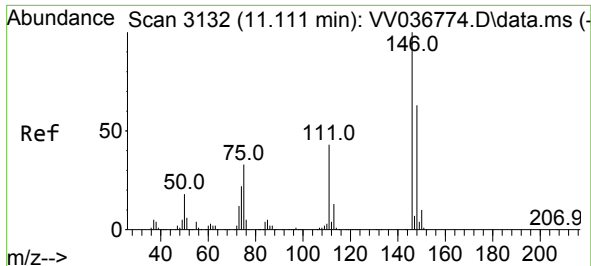
Tgt Ion:105 Resp: 577411

Ion Ratio Lower Upper

105 100

120 44.4 35.6 53.4

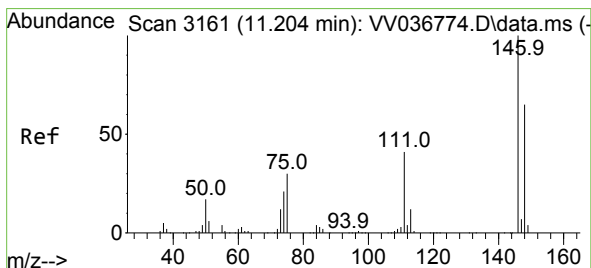
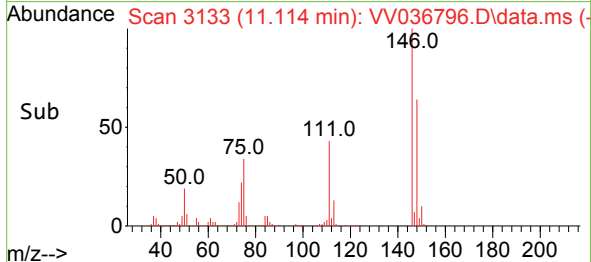
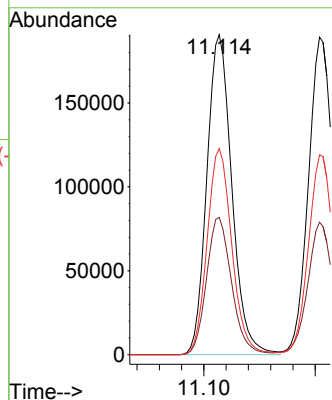
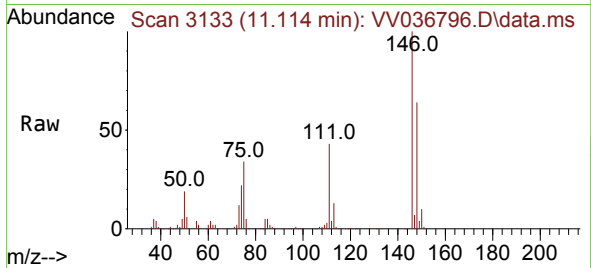




#64
1,3-Dichlorobenzene
Concen: 44.886 ug/L
RT: 11.114 min Scan# 3132
Delta R.T. 0.003 min
Lab File: VV036796.D
Acq: 05 Aug 2024 18:38

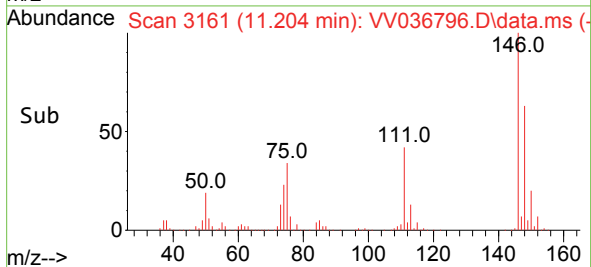
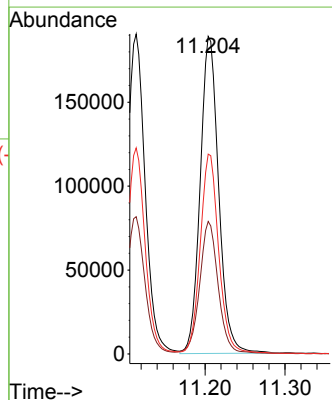
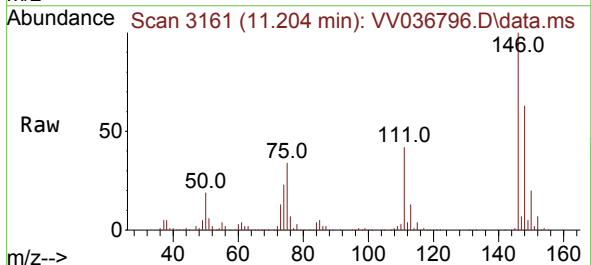
Instrument :
MSVOA_V
ClientSampleId :

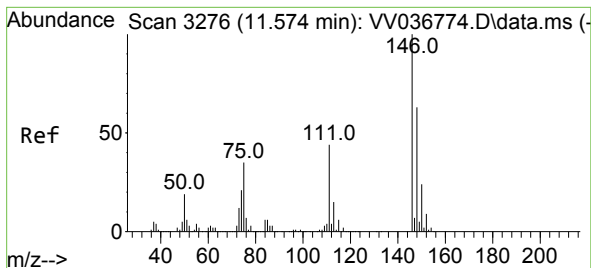
Tgt Ion:146 Resp: 297520
Ion Ratio Lower Upper
146 100
111 42.9 29.8 55.4
148 64.4 43.4 80.6



#65
1,4-Dichlorobenzene
Concen: 45.101 ug/L
RT: 11.204 min Scan# 3161
Delta R.T. 0.000 min
Lab File: VV036796.D
Acq: 05 Aug 2024 18:38

Tgt Ion:146 Resp: 303999
Ion Ratio Lower Upper
146 100
111 41.7 29.0 53.9
148 62.9 43.8 81.4





#67

1,2-Dichlorobenzene

Concen: 45.640 ug/L

RT: 11.574 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV036796.D

Acq: 05 Aug 2024 18:38

Instrument :

MSVOA_V

ClientSampleId :

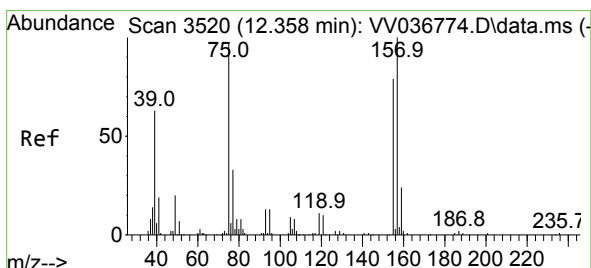
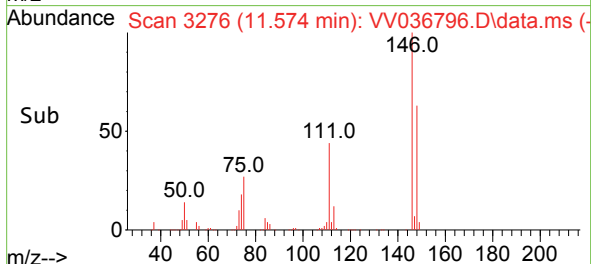
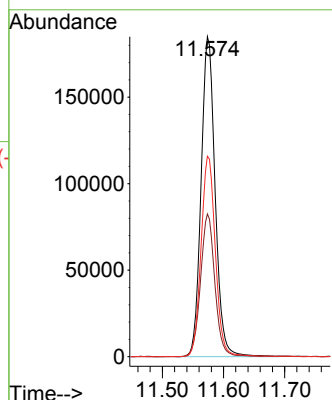
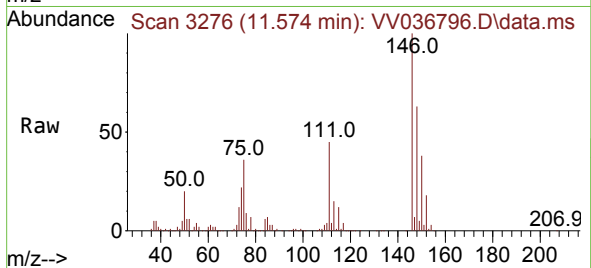
Tgt Ion:146 Resp: 295456

Ion Ratio Lower Upper

146 100

111 44.6 35.7 53.5

148 62.7 51.2 76.8



#68

1,2-Dibromo-3-chloropropane

Concen: 41.655 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. 0.003 min

Lab File: VV036796.D

Acq: 05 Aug 2024 18:38

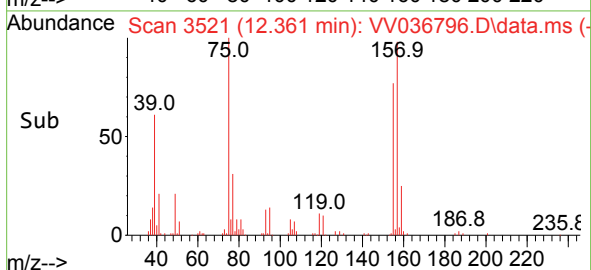
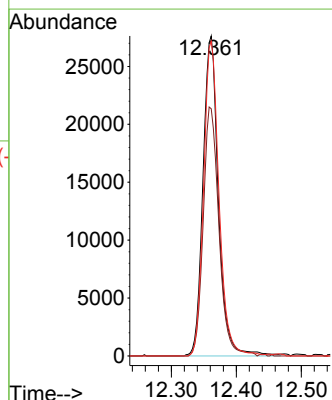
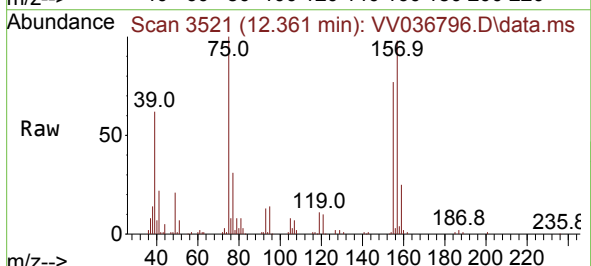
Tgt Ion: 75 Resp: 45879

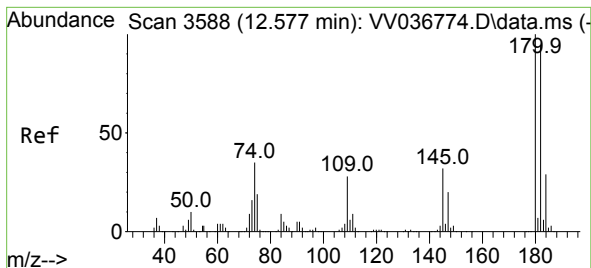
Ion Ratio Lower Upper

75 100

155 77.2 59.5 89.3

157 98.4 81.0 121.4





#69

1,3,5-Trichlorobenzene

Concen: 43.675 ug/L

RT: 12.577 min Scan# 3588

Delta R.T. 0.000 min

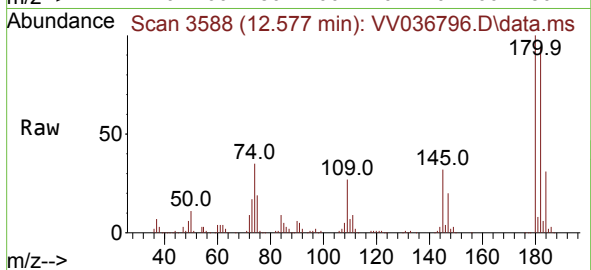
Lab File: VV036796.D

Acq: 05 Aug 2024 18:38

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 205439

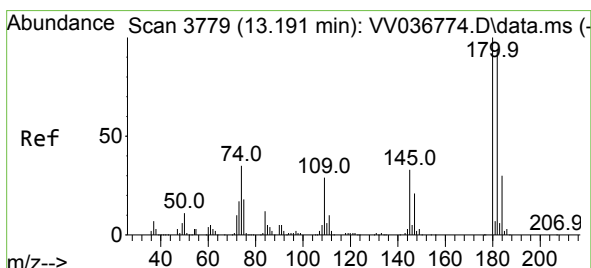
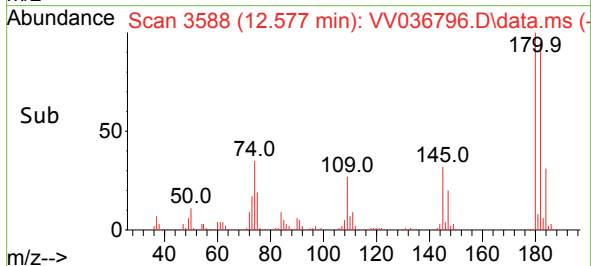
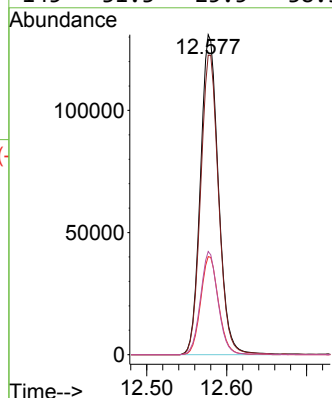
Ion Ratio Lower Upper

180 100

182 93.7 75.0 112.6

184 30.4 23.7 35.5

145 31.3 25.5 38.3



#70

1,2,4-trichlorobenzene

Concen: 43.242 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. 0.003 min

Lab File: VV036796.D

Acq: 05 Aug 2024 18:38

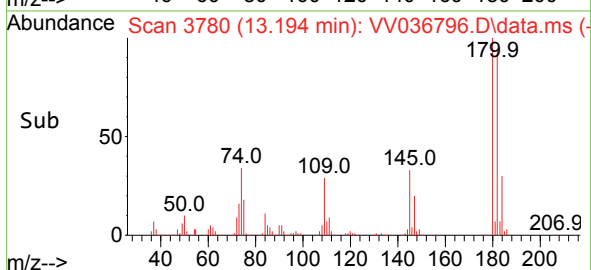
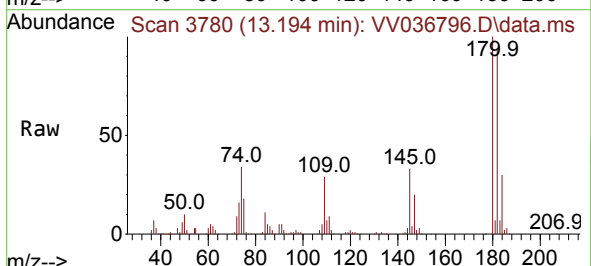
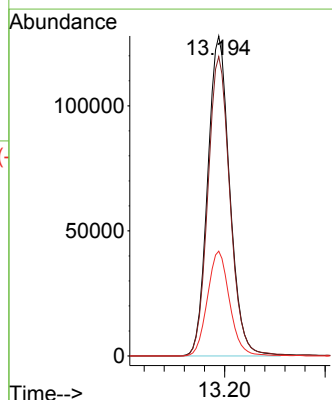
Tgt Ion:180 Resp: 195082

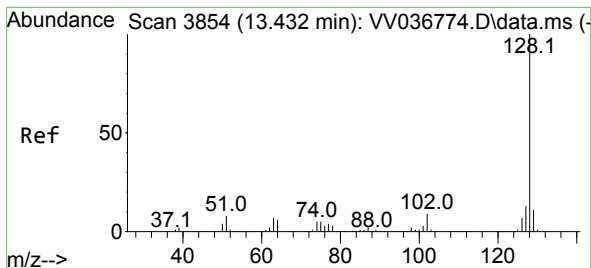
Ion Ratio Lower Upper

180 100

182 94.0 75.1 112.7

145 33.0 26.5 39.7





#71

Naphthalene

Concen: 44.167 ug/L

RT: 13.432 min Scan# 3930

Delta R.T. 0.000 min

Lab File: VV036796.D

Acq: 05 Aug 2024 18:38

Instrument :

MSVOA_V

ClientSampleId :

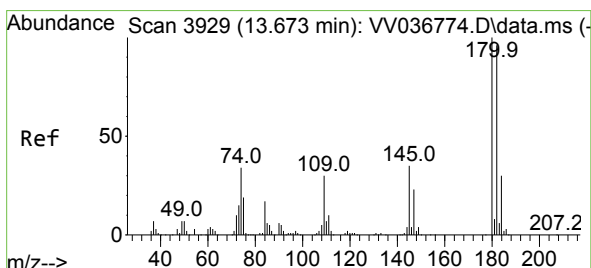
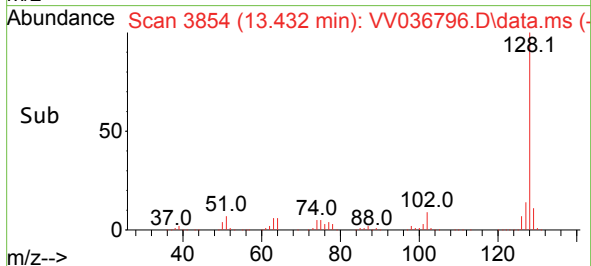
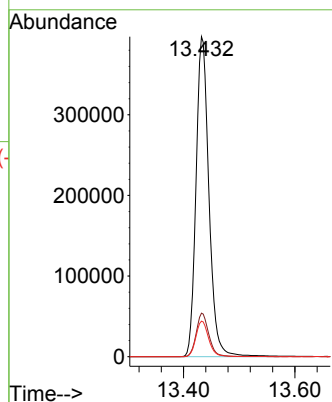
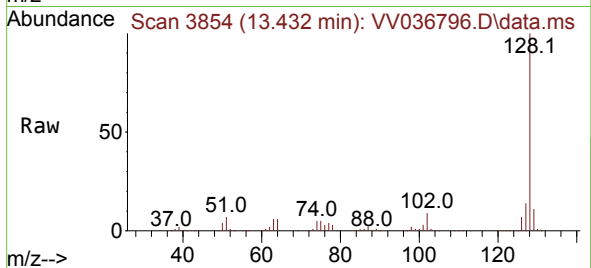
Tgt Ion:128 Resp: 638963

Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

129 11.0 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 44.121 ug/L

RT: 13.676 min Scan# 3930

Delta R.T. 0.003 min

Lab File: VV036796.D

Acq: 05 Aug 2024 18:38

Tgt Ion:180 Resp: 194843

Ion Ratio Lower Upper

180 100

182 93.9 76.2 114.2

145 34.8 27.8 41.6

