

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072624\
 Data File : VW036739.D
 Acq On : 26 Jul 2024 18:24
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 8.81g/5.00mL/MSVOA_V/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 27 04:19:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072224SMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 27 04:14:21 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	386369	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	393952	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	232463	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	85945	20.310	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.240%
7) Chloroethane-d5	1.526	69	82628	21.619	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.480%
11) 1,1-Dichloroethene-d2	2.050	65	41952	18.749	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.000%
21) 2-Butanone-d5	3.844	46	12060	12.212	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	24.420%
24) Chloroform-d	4.243	84	234756	22.974	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.880%
26) 1,2-Dichloroethane-d4	4.941	65	111906	22.198	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.800%
32) Benzene-d6	4.957	84	400837	21.468	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.880%
36) 1,2-Dichloropropane-d6	5.986	67	117538	22.093	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.360%
41) Toluene-d8	7.239	98	383874	21.544	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.160%
43) trans-1,3-Dichloroprop...	7.555	79	48734	20.606	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.440%
47) 2-Hexanone-d5	8.034	63	33031	46.654	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.300%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	107846	23.259	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.040%
66) 1,2-Dichlorobenzene-d4	11.558	152	164045	20.215	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	80.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.101	85	180673	27.573	ug/L	99
3) Chloromethane	1.211	50	146147	28.991	ug/L	99
5) Vinyl chloride	1.275	62	175710	28.185	ug/L	99
6) Bromomethane	1.481	94	131308	26.344	ug/L	100
8) Chloroethane	1.542	64	108791	26.928	ug/L	98
9) Trichlorofluoromethane	1.706	101	284245	26.260	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	176999	26.281	ug/L	98
12) 1,1-Dichloroethene	2.060	96	156401	26.239	ug/L	96
13) Acetone	2.150	43	59216	36.911	ug/L	98
14) Carbon disulfide	2.230	76	450468	27.229	ug/L	99
15) Methyl Acetate	2.388	43	45811	24.477	ug/L	98
16) Methylene chloride	2.439	84	179336	24.946	ug/L	97
17) trans-1,2-Dichloroethene	2.687	96	159097	26.430	ug/L	98
18) Methyl tert-butyl Ether	2.703	73	307003	24.316	ug/L	99
19) 1,1-Dichloroethane	3.105	63	253786	26.872	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	155906	24.800	ug/L	97
22) 2-Butanone	3.925	43	42320	31.077	ug/L	84
23) Bromochloromethane	4.143	128	87345	26.144	ug/L	97
25) Chloroform	4.269	83	304916	26.747	ug/L	99

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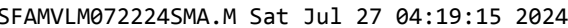
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 ClientSampleId :

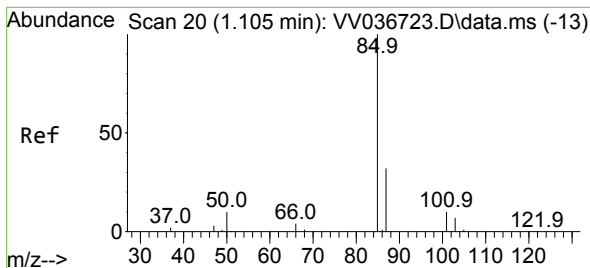
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072224SMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 27 04:14:21 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	173127	25.309	ug/L	100
29) Cyclohexane	4.577	56	180685	25.725	ug/L	97
30) 1,1,1-Trichloroethane	4.507	97	271449	26.634	ug/L	99
31) Carbon tetrachloride	4.728	117	254630	26.740	ug/L	99
33) Benzene	5.005	78	589346	26.343	ug/L	100
34) Trichloroethene	5.828	95	183959	25.126	ug/L	99
35) Methylcyclohexane	6.047	83	255396	26.198	ug/L	99
37) 1,2-Dichloropropane	6.088	63	137871	26.777	ug/L	99
38) Bromodichloromethane	6.429	83	209108	24.909	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	211871	25.061	ug/L	100
40) 4-Methyl-2-pentanone	7.162	43	115776	48.154	ug/L	98
42) Toluene	7.310	91	666947	26.915	ug/L	100
44) trans-1,3-Dichloropropene	7.580	75	191050	25.164	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	129252	25.740	ug/L	98
46) Tetrachloroethene	7.902	164	165338	22.758	ug/L	99
48) 2-Hexanone	8.082	43	83954	44.536	ug/L	99
49) Dibromochloromethane	8.172	129	160652	25.393	ug/L	98
50) 1,2-Dibromoethane	8.281	107	128687	25.508	ug/L	98
51) Chlorobenzene	8.812	112	453204	25.260	ug/L	100
52) Ethylbenzene	8.944	91	706058	25.903	ug/L	99
53) m,p-Xylene	9.069	106	288785	27.136	ug/L	98
54) o-Xylene	9.477	106	263952	25.815	ug/L	100
55) Styrene	9.493	104	486611	28.066	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.175	83	116255	25.552	ug/L	99
59) Bromoform	9.664	173	106707	24.373	ug/L	99
60) Isopropylbenzene	9.863	105	730396	25.676	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	103288	25.204	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	577647	26.033	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	581645	25.895	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	394484	24.807	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	404677	24.711	ug/L	100
67) 1,2-Dichlorobenzene	11.577	146	358711	24.260	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	23523	24.375	ug/L	95
69) 1,3,5-Trichlorobenzene	12.580	180	296193	23.611	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	228143	22.389	ug/L	99
71) Naphthalene	13.435	128	320028	21.112	ug/L	99
72) 1,2,3-Trichlorobenzene	13.677	180	225671	24.545	ug/L	99

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

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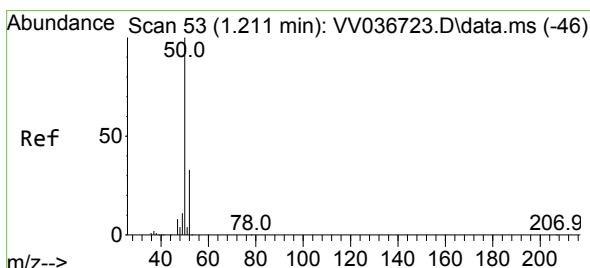
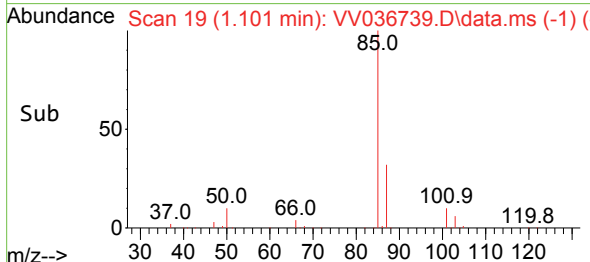
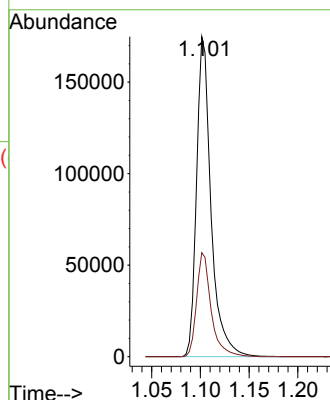
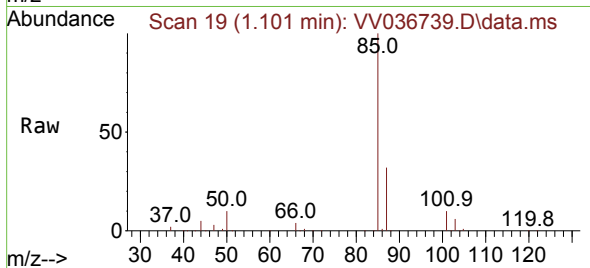




#2
Dichlorodifluoromethane
Concen: 27.573 ug/L
RT: 1.101 min Scan# 19
Delta R.T. -0.003 min
Lab File: VV036739.D
Acq: 26 Jul 2024 18:24

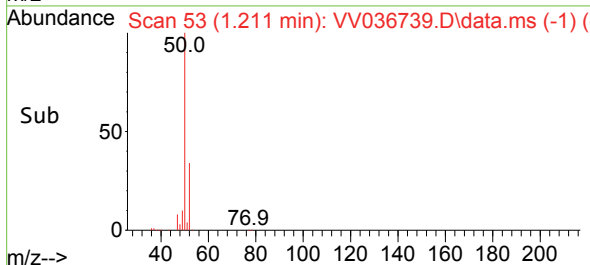
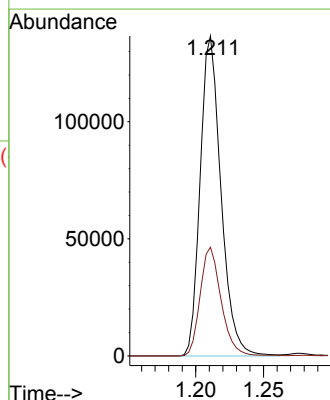
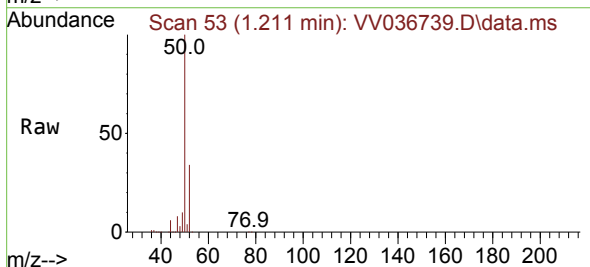
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MSVOA_V
ClientSampleId :

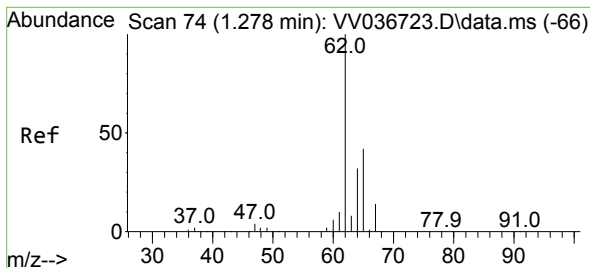
Tgt Ion: 85 Resp: 180673
Ion Ratio Lower Upper
85 100
87 32.7 26.5 39.7



#3
Chloromethane
Concen: 28.991 ug/L
RT: 1.211 min Scan# 53
Delta R.T. 0.000 min
Lab File: VV036739.D
Acq: 26 Jul 2024 18:24

Tgt Ion: 50 Resp: 146147
Ion Ratio Lower Upper
50 100
52 34.0 23.3 43.3





#5

Vinyl chloride

Concen: 28.185 ug/L

RT: 1.275 min Scan# 74

Delta R.T. -0.003 min

Lab File: VV036739.D

Acq: 26 Jul 2024 18:24

Instrument :

MSVOA_V

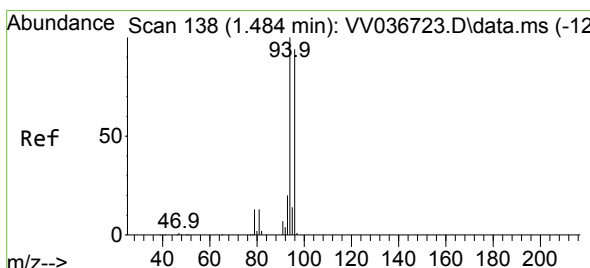
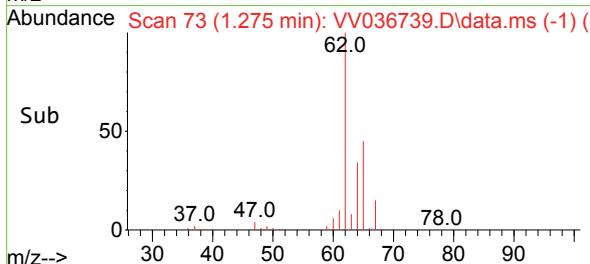
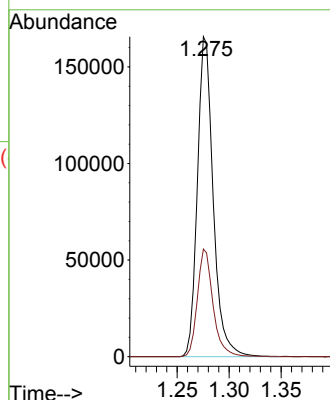
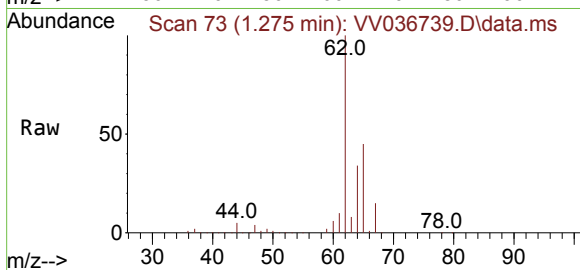
ClientSampleId :

Tgt Ion: 62 Resp: 175710

Ion Ratio Lower Upper

62 100

64 33.7 23.1 42.9



#6

Bromomethane

Concen: 26.344 ug/L

RT: 1.481 min Scan# 137

Delta R.T. -0.003 min

Lab File: VV036739.D

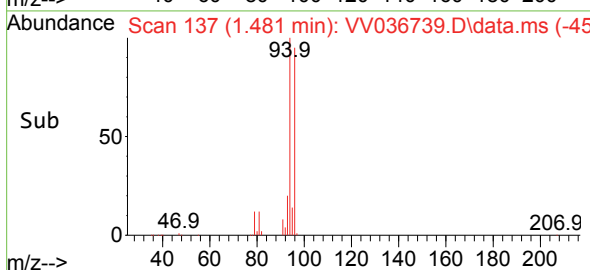
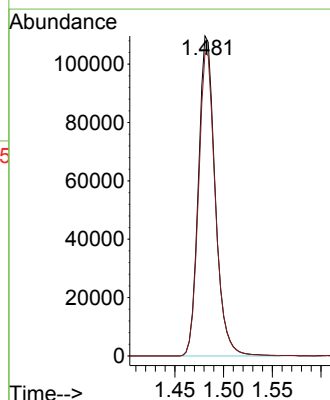
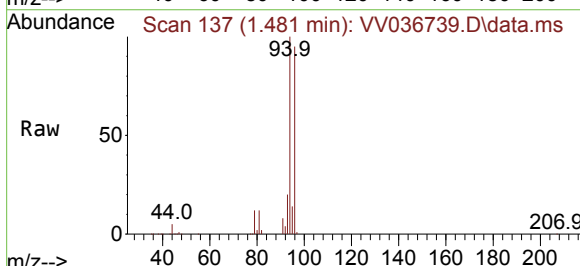
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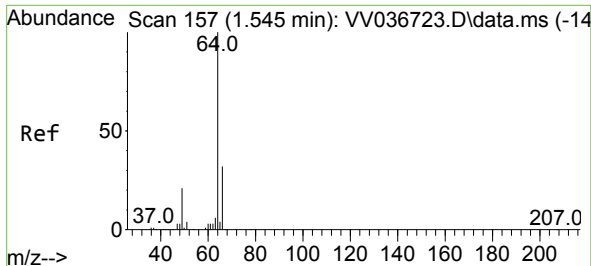
Tgt Ion: 94 Resp: 131308

Ion Ratio Lower Upper

94 100

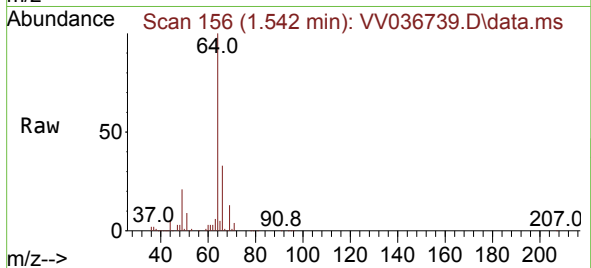
96 94.7 66.6 123.6



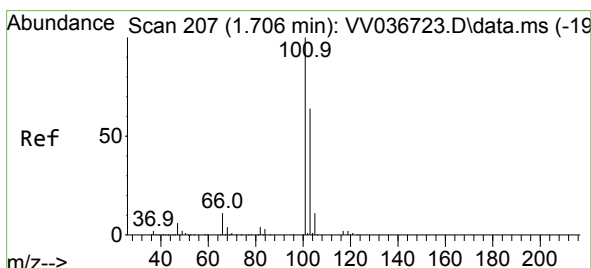
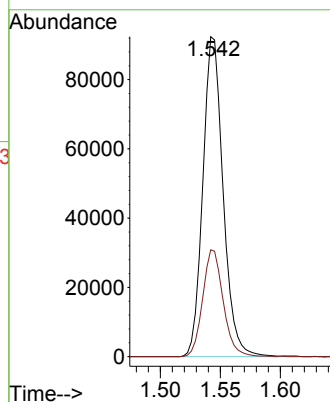
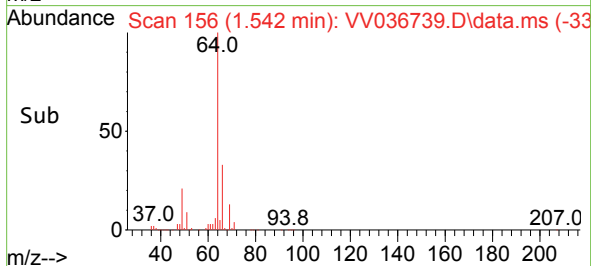


#8
Chloroethane
Concen: 26.928 ug/L
RT: 1.542 min Scan# 157
Delta R.T. -0.003 min
Lab File: VV036739.D
Acq: 26 Jul 2024 18:24

Instrument :
MSVOA_V
ClientSampleId :

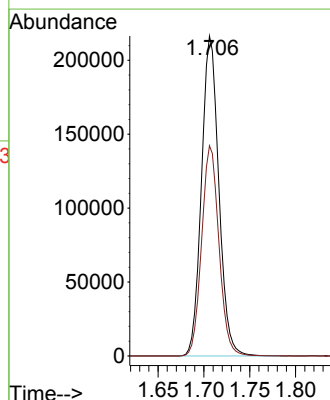
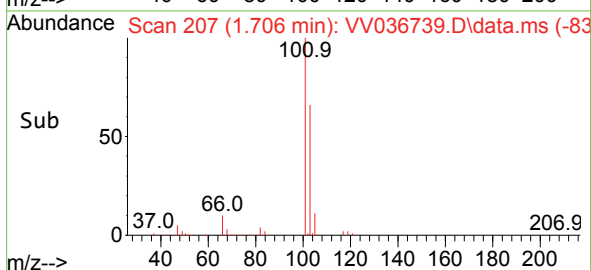
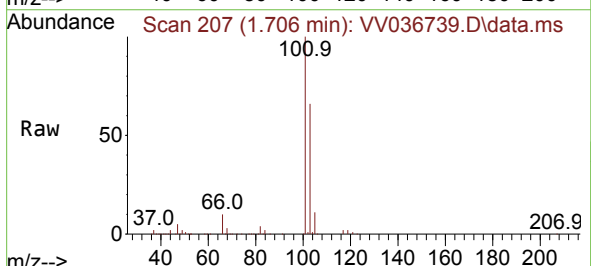


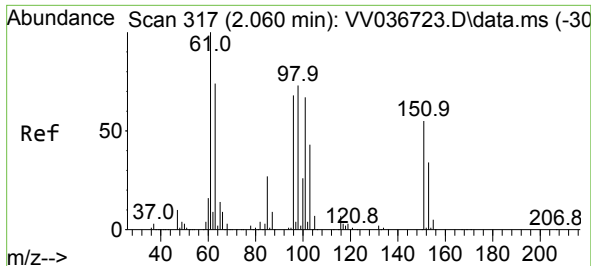
Tgt Ion: 64 Resp: 108791
Ion Ratio Lower Upper
64 100
66 33.4 22.7 42.1



#9
Trichlorofluoromethane
Concen: 26.260 ug/L
RT: 1.706 min Scan# 207
Delta R.T. 0.000 min
Lab File: VV036739.D
Acq: 26 Jul 2024 18:24

Tgt Ion:101 Resp: 284245
Ion Ratio Lower Upper
101 100
103 65.5 52.2 78.4

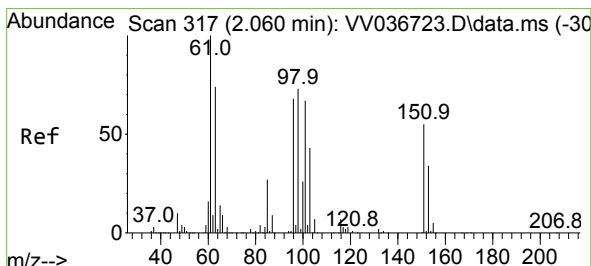
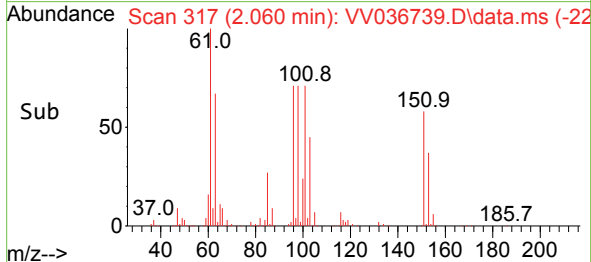
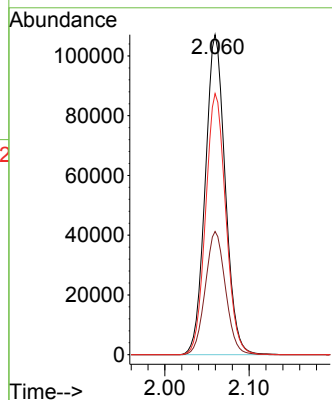
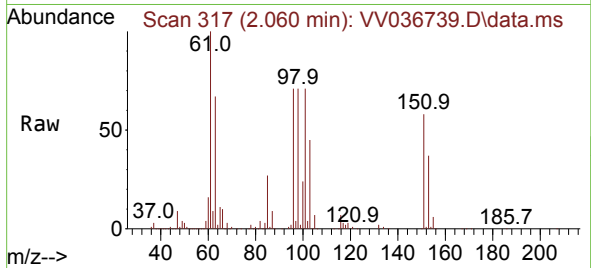




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 26.281 ug/L
 RT: 2.060 min Scan# 317
 Delta R.T. 0.000 min
 Lab File: VV036739.D
 Acq: 26 Jul 2024 18:24

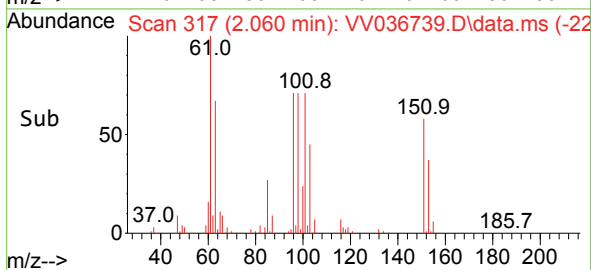
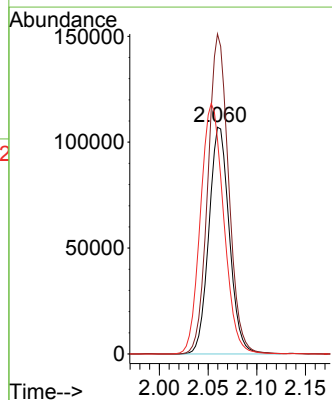
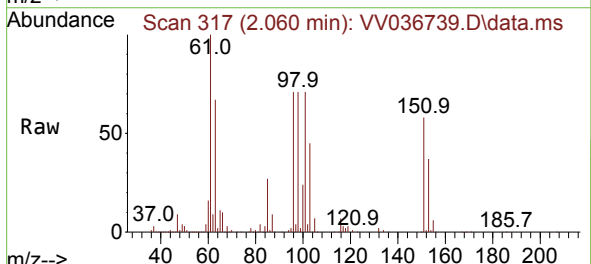
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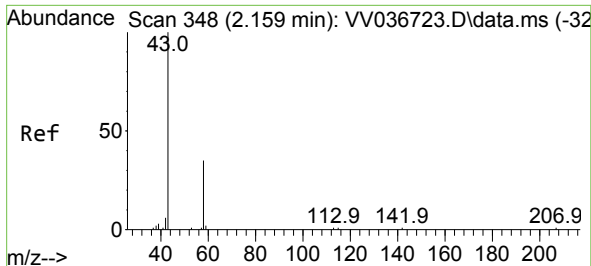
Tgt Ion:101 Resp: 176999
 Ion Ratio Lower Upper
 101 100
 85 38.9 32.4 48.6
 151 82.4 64.9 97.3



#12
 1,1-Dichloroethene
 Concen: 26.239 ug/L
 RT: 2.060 min Scan# 317
 Delta R.T. 0.000 min
 Lab File: VV036739.D
 Acq: 26 Jul 2024 18:24

Tgt Ion: 96 Resp: 156401
 Ion Ratio Lower Upper
 96 100
 61 141.1 102.3 189.9
 63 94.7 64.1 119.1





#13

Acetone

Concen: 36.911 ug/L

RT: 2.150 min Scan# 34

Delta R.T. -0.010 min

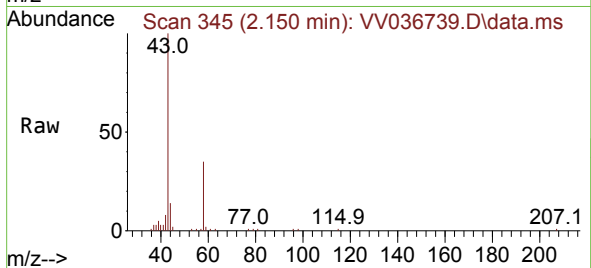
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Acq: 26 Jul 2024 18:24

Instrument :

MSVOA_V

ClientSampleId :

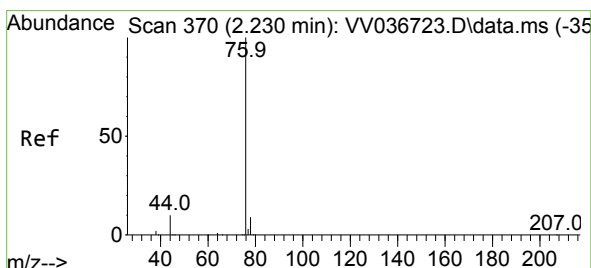
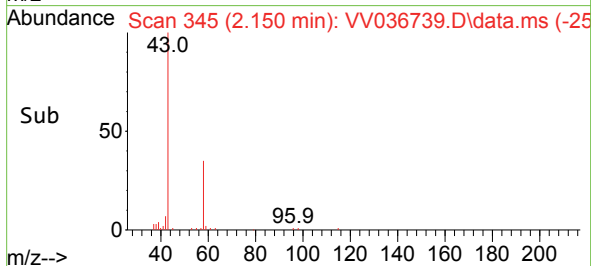
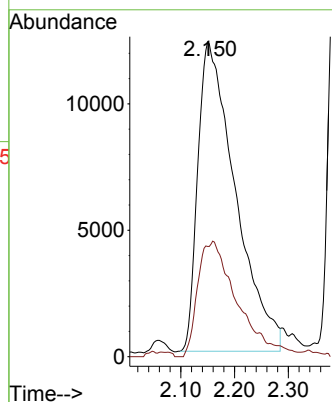


Tgt Ion: 43 Resp: 59216

Ion Ratio Lower Upper

43 100

58 10.8 0.0 23.0



#14

Carbon disulfide

Concen: 27.229 ug/L

RT: 2.230 min Scan# 370

Delta R.T. 0.000 min

Lab File: VV036739.D

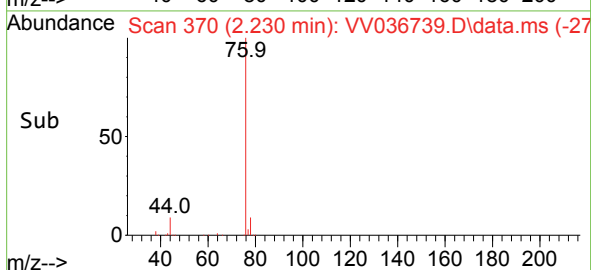
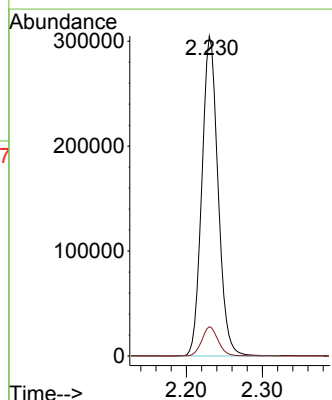
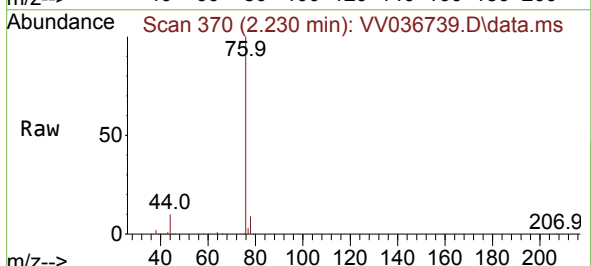
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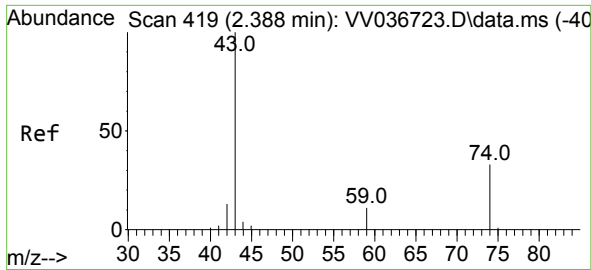
Tgt Ion: 76 Resp: 450468

Ion Ratio Lower Upper

76 100

78 9.1 7.5 11.3

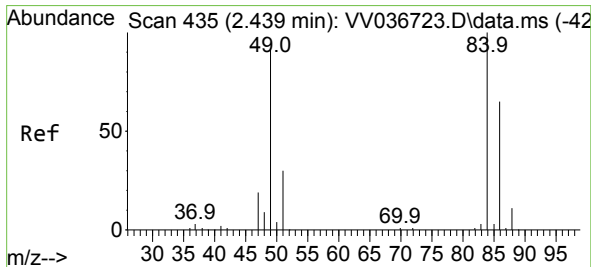
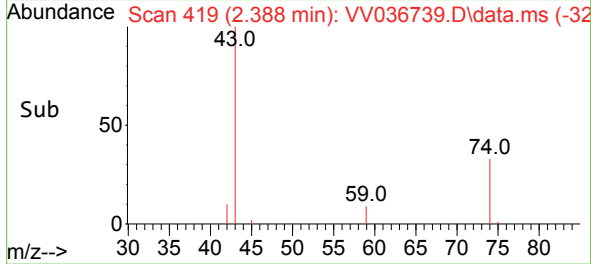
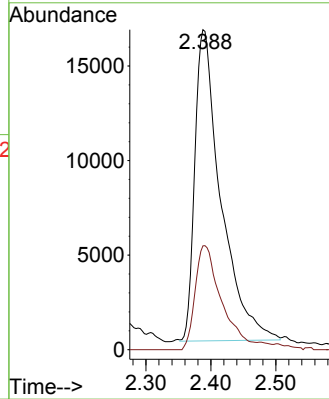
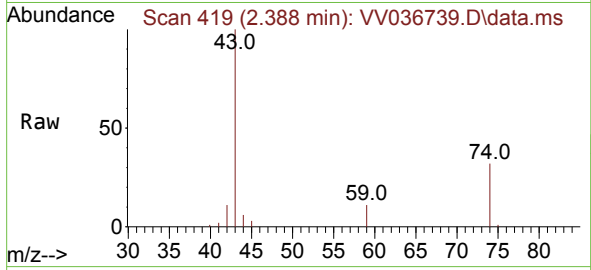




#15
Methyl Acetate
Concen: 24.477 ug/L
RT: 2.388 min Scan# 419
Delta R.T. 0.000 min
Lab File: VV036739.D
Acq: 26 Jul 2024 18:24

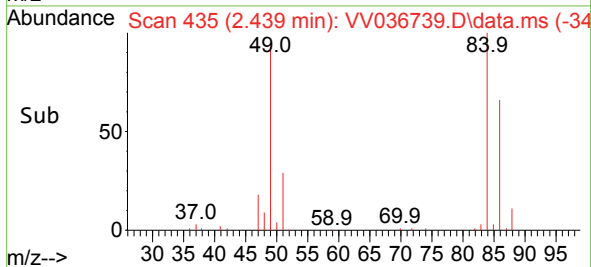
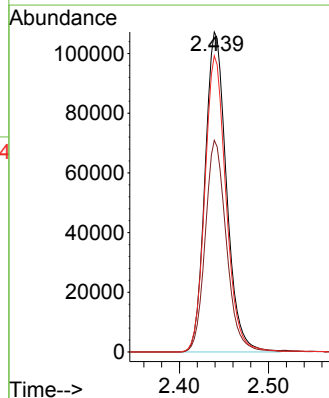
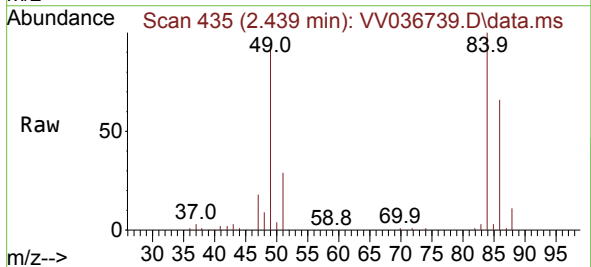
Instrument :
MSVOA_V
ClientSampleId :

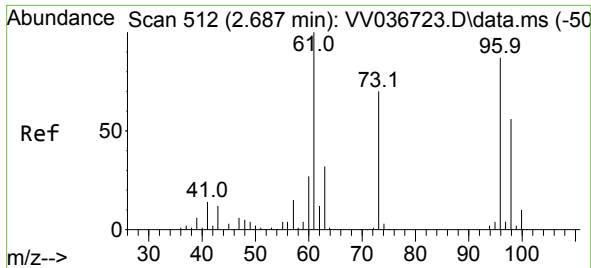
Tgt Ion: 43 Resp: 45811
Ion Ratio Lower Upper
43 100
74 33.9 27.8 41.8



#16
Methylene chloride
Concen: 24.946 ug/L
RT: 2.439 min Scan# 435
Delta R.T. 0.000 min
Lab File: VV036739.D
Acq: 26 Jul 2024 18:24

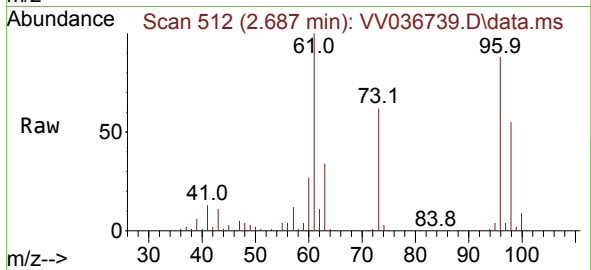
Tgt Ion: 84 Resp: 179336
Ion Ratio Lower Upper
84 100
86 66.2 47.2 87.6
49 92.6 67.3 125.1



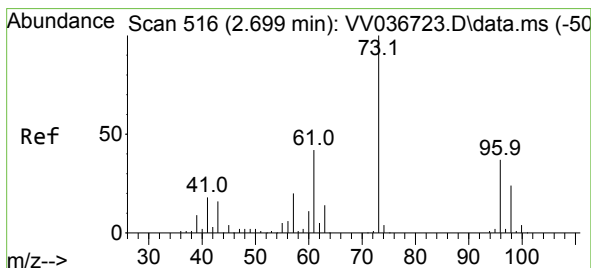
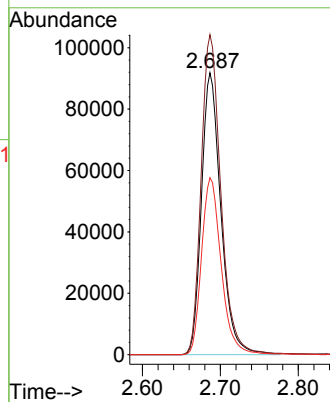
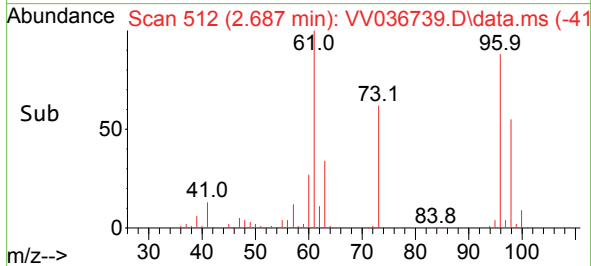


#17
trans-1,2-Dichloroethene
Concen: 26.430 ug/L
RT: 2.687 min Scan# 512
Delta R.T. 0.000 min
Lab File: VV036739.D
Acq: 26 Jul 2024 18:24

Instrument :
MSVOA_V
ClientSampleId :

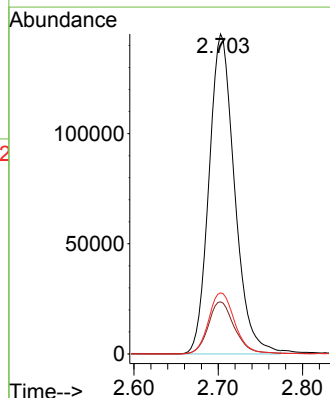
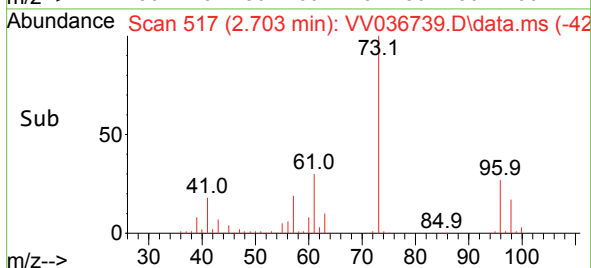
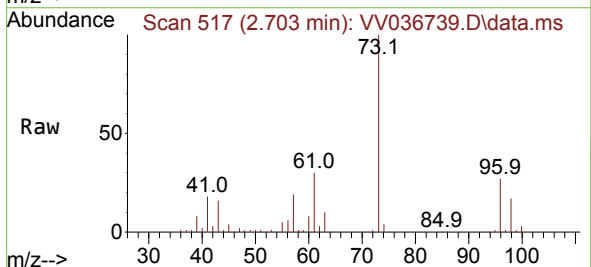


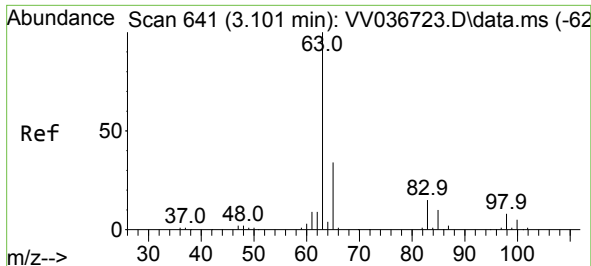
Tgt Ion: 96 Resp: 159097
Ion Ratio Lower Upper
96 100
61 113.5 81.5 151.5
98 62.7 44.3 82.3



#18
Methyl tert-butyl Ether
Concen: 24.316 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.003 min
Lab File: VV036739.D
Acq: 26 Jul 2024 18:24

Tgt Ion: 73 Resp: 307003
Ion Ratio Lower Upper
73 100
43 16.5 13.8 20.6
57 19.6 15.4 23.2





#19

1,1-Dichloroethane

Concen: 26.872 ug/L

RT: 3.105 min Scan# 641

Delta R.T. 0.003 min

Lab File: VV036739.D

Acq: 26 Jul 2024 18:24

Instrument :

MSVOA_V

ClientSampleId :

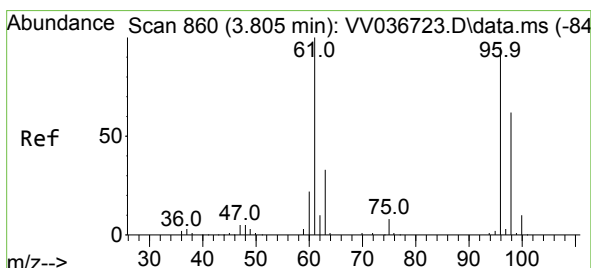
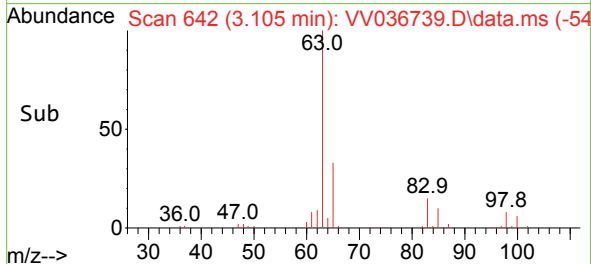
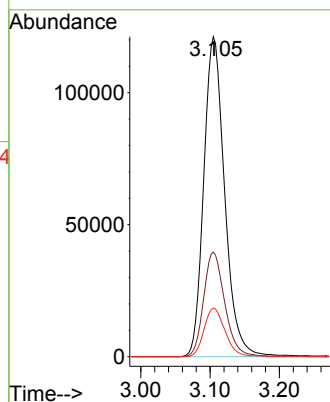
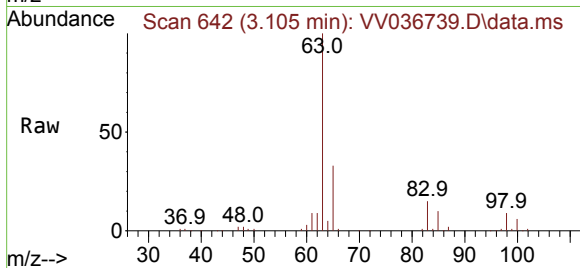
Tgt Ion: 63 Resp: 253786

Ion Ratio Lower Upper

63 100

65 32.7 22.7 42.1

83 15.2 11.1 20.7



#20

cis-1,2-Dichloroethene

Concen: 24.800 ug/L

RT: 3.809 min Scan# 861

Delta R.T. 0.003 min

Lab File: VV036739.D

Acq: 26 Jul 2024 18:24

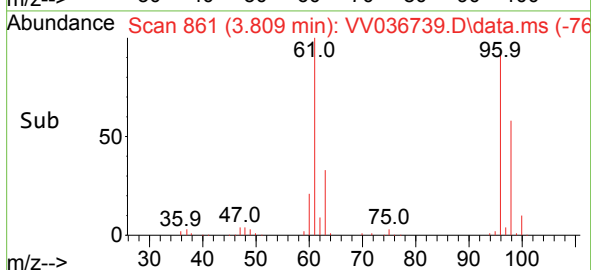
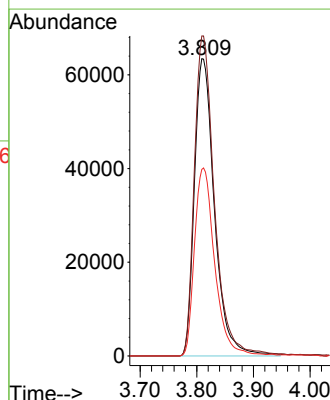
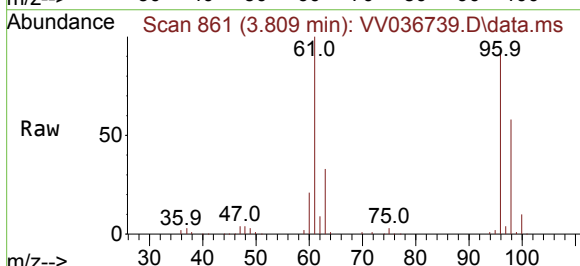
Tgt Ion: 96 Resp: 155906

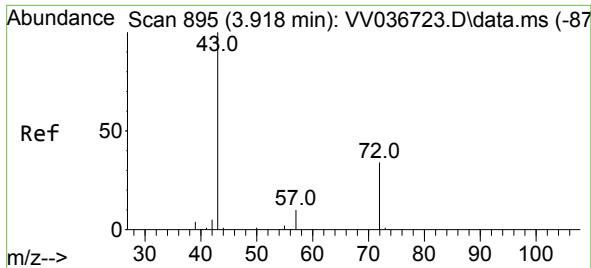
Ion Ratio Lower Upper

96 100

61 107.6 73.0 135.6

98 62.7 44.8 83.2

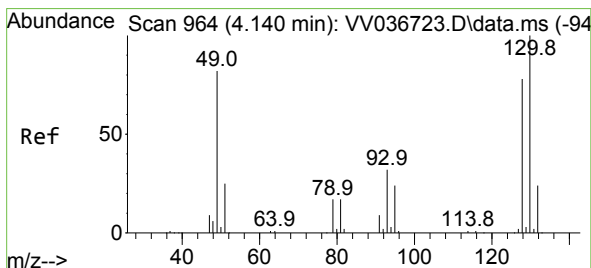
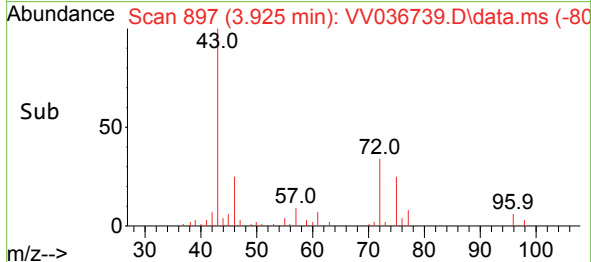
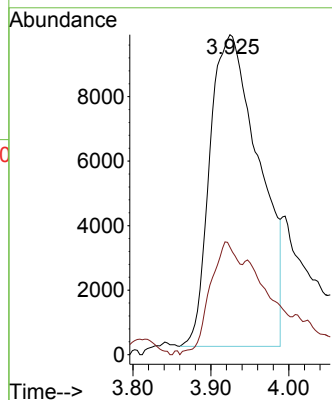
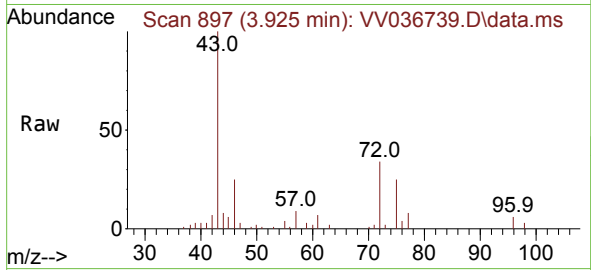




#22
2-Butanone
Concen: 31.077 ug/L
RT: 3.925 min Scan# 895
Delta R.T. 0.006 min
Lab File: VV036739.D
Acq: 26 Jul 2024 18:24

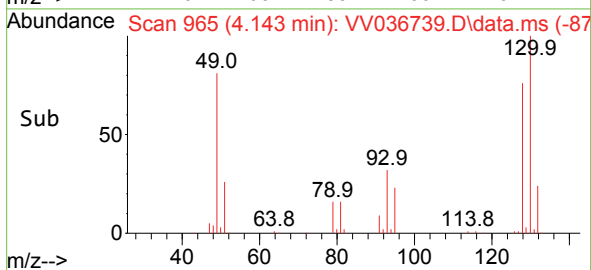
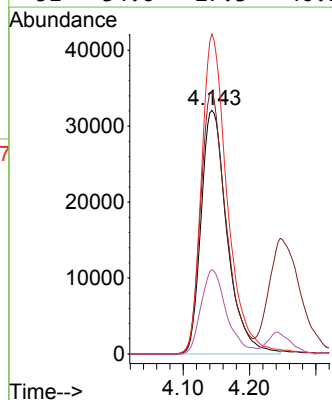
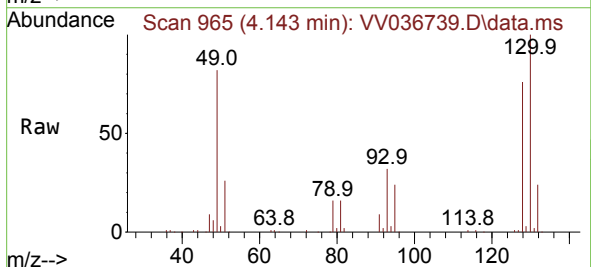
Instrument :
MSVOA_V
ClientSampleId :

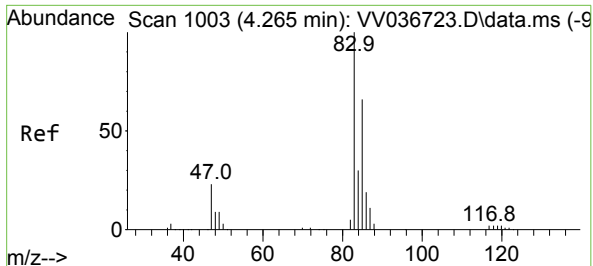
Tgt Ion: 43 Resp: 42320
Ion Ratio Lower Upper
43 100
72 21.6 15.2 45.5



#23
Bromochloromethane
Concen: 26.144 ug/L
RT: 4.143 min Scan# 965
Delta R.T. 0.003 min
Lab File: VV036739.D
Acq: 26 Jul 2024 18:24

Tgt Ion: 128 Resp: 87345
Ion Ratio Lower Upper
128 100
49 107.5 74.4 138.2
130 131.4 88.6 164.6
51 34.6 27.3 40.9





#25

Chloroform

Concen: 26.747 ug/L

RT: 4.269 min Scan# 1004

Delta R.T. 0.003 min

Lab File: VV036739.D

Acq: 26 Jul 2024 18:24

Instrument :

MSVOA_V

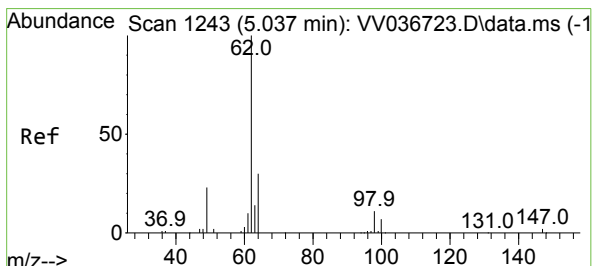
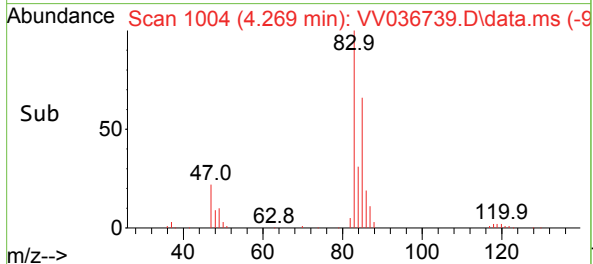
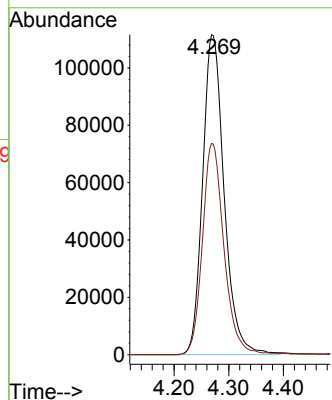
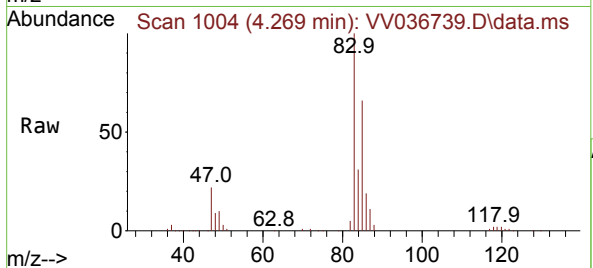
ClientSampleId :

Tgt Ion: 83 Resp: 304916

Ion Ratio Lower Upper

83 100

85 66.0 45.6 84.6



#27

1,2-Dichloroethane

Concen: 25.309 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VV036739.D

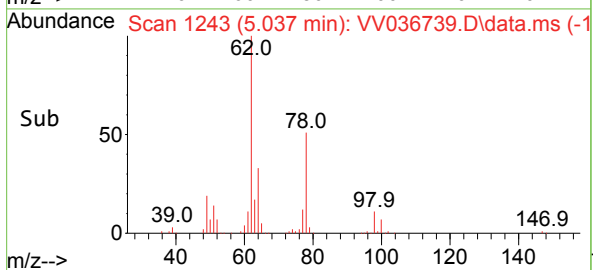
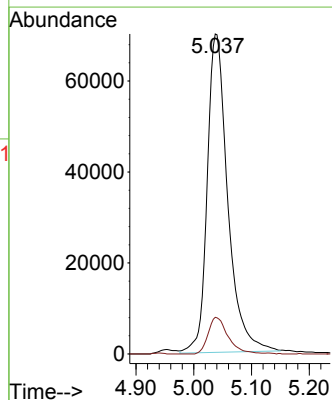
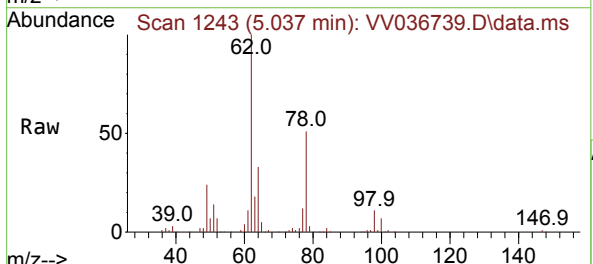
Acq: 26 Jul 2024 18:24

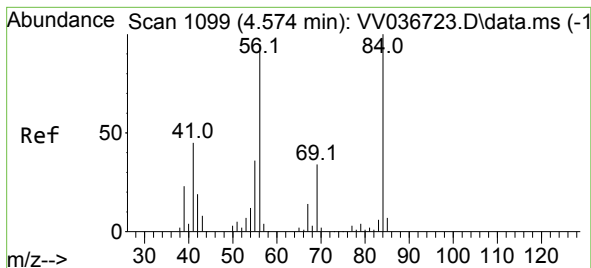
Tgt Ion: 62 Resp: 173127

Ion Ratio Lower Upper

62 100

98 11.5 9.0 13.6





#29

Cyclohexane

Concen: 25.725 ug/L

RT: 4.577 min Scan# 1100

Delta R.T. 0.003 min

Lab File: VV036739.D

Acq: 26 Jul 2024 18:24

Instrument :

MSVOA_V

ClientSampleId :

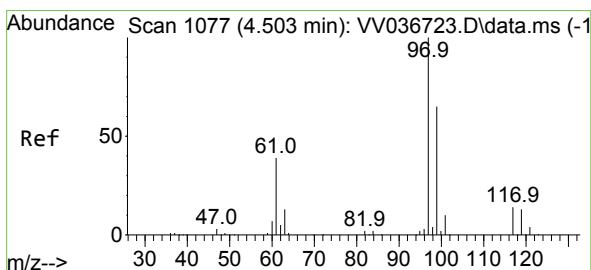
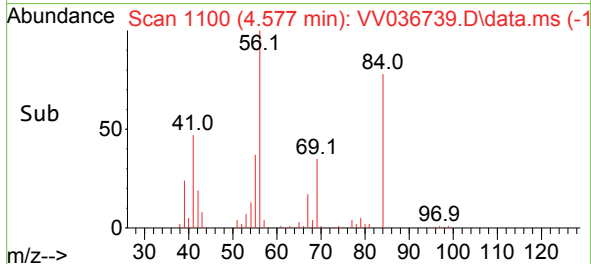
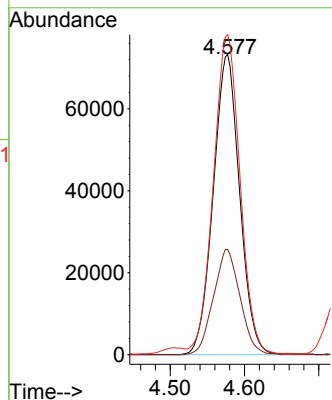
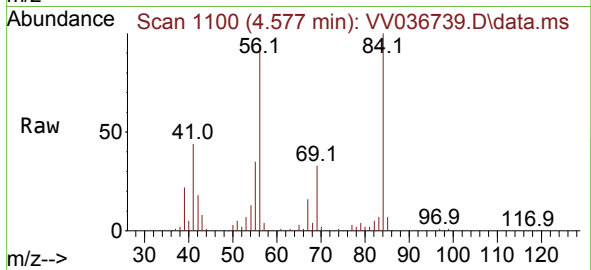
Tgt Ion: 56 Resp: 180685

Ion Ratio Lower Upper

56 100

69 35.4 28.5 42.7

84 107.2 88.6 132.8



#30

1,1,1-Trichloroethane

Concen: 26.634 ug/L

RT: 4.507 min Scan# 1078

Delta R.T. 0.003 min

Lab File: VV036739.D

Acq: 26 Jul 2024 18:24

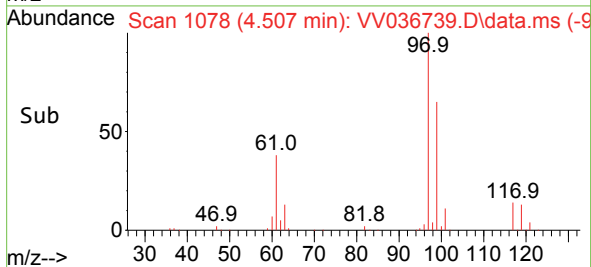
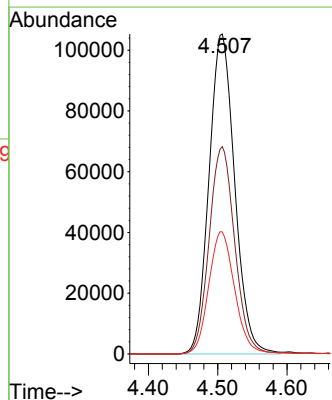
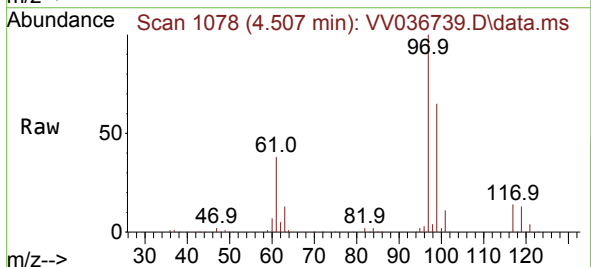
Tgt Ion: 97 Resp: 271449

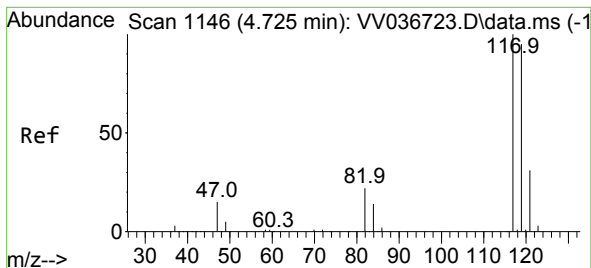
Ion Ratio Lower Upper

97 100

99 64.7 51.6 77.4

61 38.6 31.9 47.9





#31

Carbon tetrachloride

Concen: 26.740 ug/L

RT: 4.728 min Scan# 1146

Delta R.T. 0.003 min

Lab File: VV036739.D

Acq: 26 Jul 2024 18:24

Instrument :

MSVOA_V

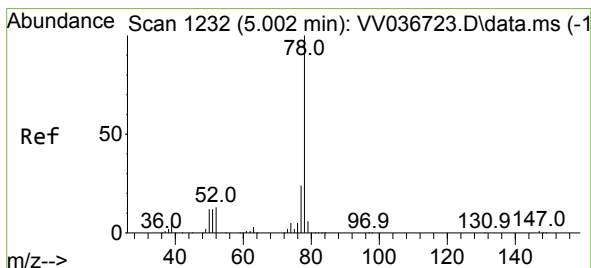
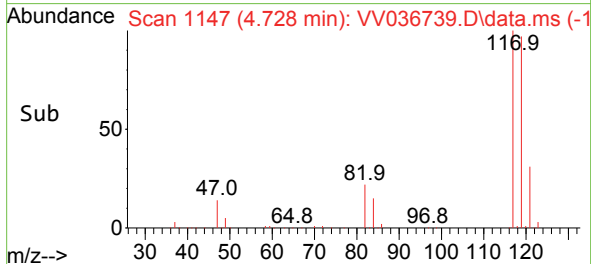
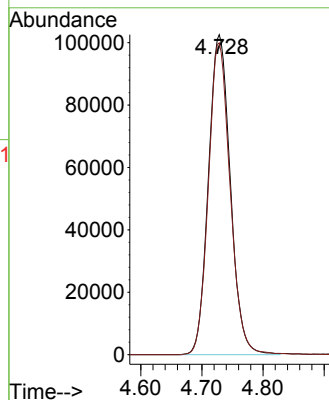
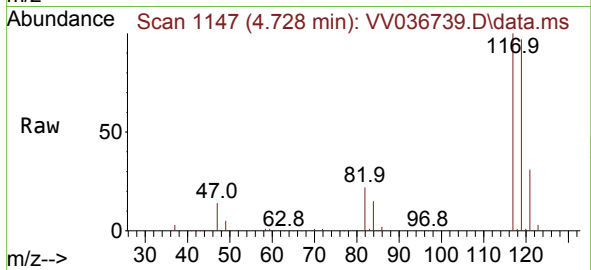
ClientSampleId :

Tgt Ion:117 Resp: 254630

Ion Ratio Lower Upper

117 100

119 96.7 76.6 115.0



#33

Benzene

Concen: 26.343 ug/L

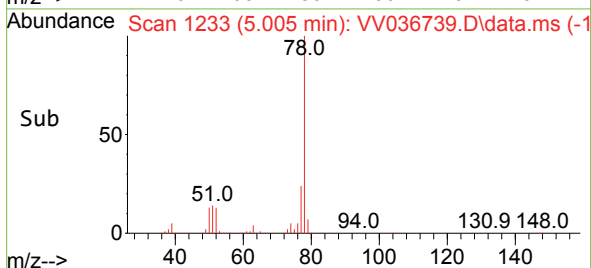
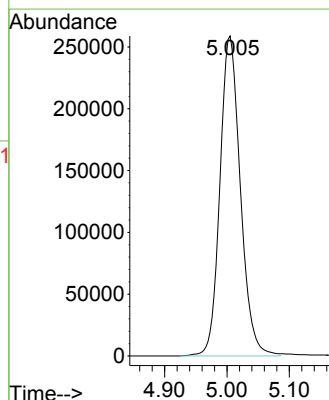
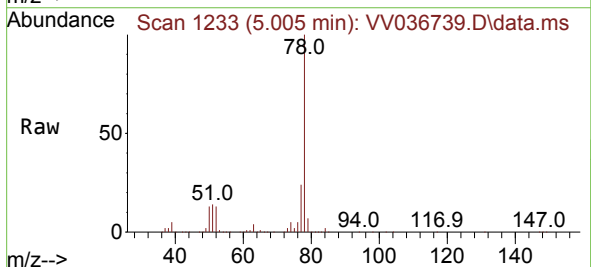
RT: 5.005 min Scan# 1233

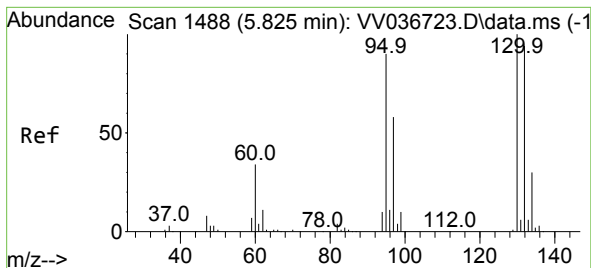
Delta R.T. 0.003 min

Lab File: VV036739.D

Acq: 26 Jul 2024 18:24

Tgt Ion: 78 Resp: 589346





#34

Trichloroethene

Concen: 25.126 ug/L

RT: 5.828 min Scan# 1488

Delta R.T. 0.003 min

Lab File: VV036739.D

Acq: 26 Jul 2024 18:24

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 183959

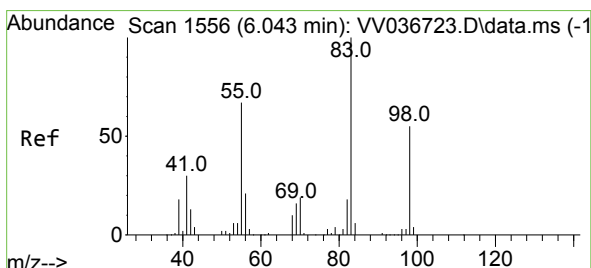
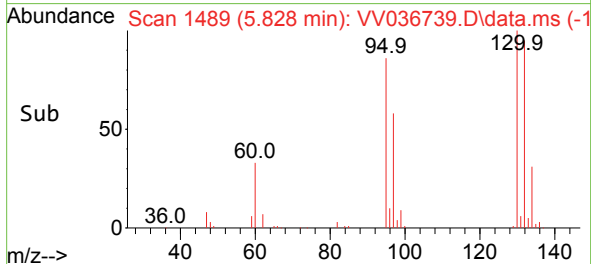
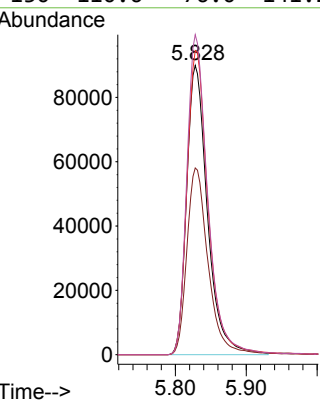
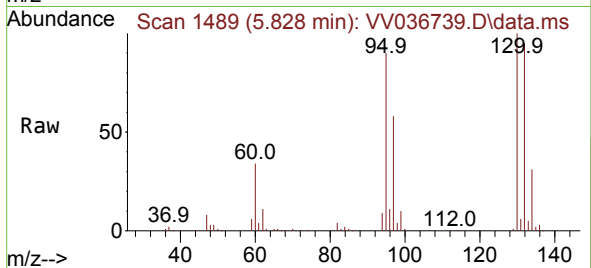
Ion Ratio Lower Upper

95 100

97 64.5 45.1 83.7

132 105.1 72.7 134.9

130 110.6 76.0 141.2



#35

Methylcyclohexane

Concen: 26.198 ug/L

RT: 6.047 min Scan# 1557

Delta R.T. 0.003 min

Lab File: VV036739.D

Acq: 26 Jul 2024 18:24

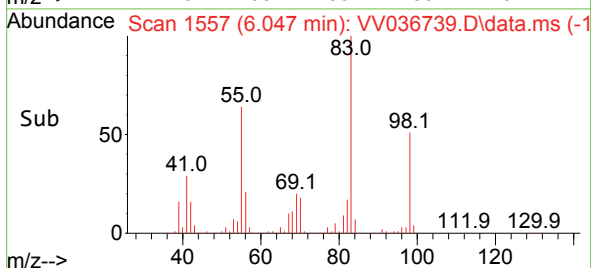
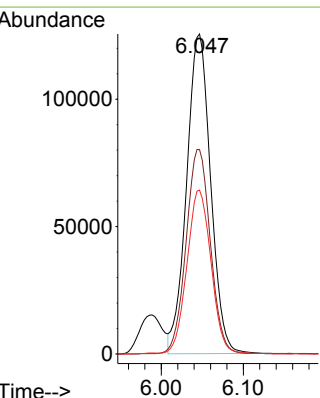
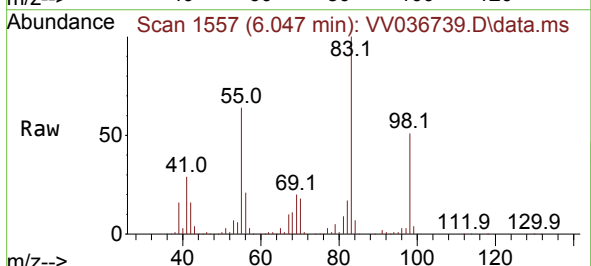
Tgt Ion: 83 Resp: 255396

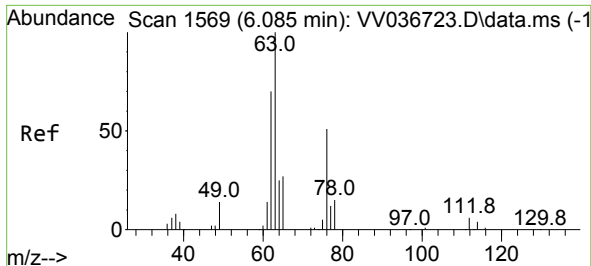
Ion Ratio Lower Upper

83 100

55 64.4 50.8 76.2

98 51.6 41.3 61.9





#37

1,2-Dichloropropane

Concen: 26.777 ug/L

RT: 6.088 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV036739.D

Acq: 26 Jul 2024 18:24

Instrument :

MSVOA_V

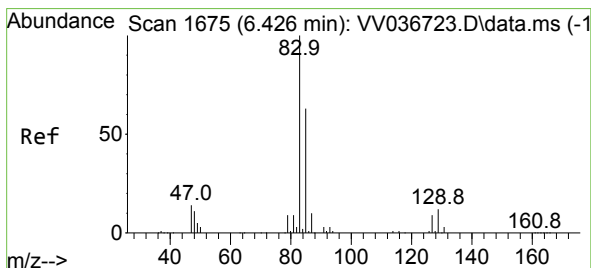
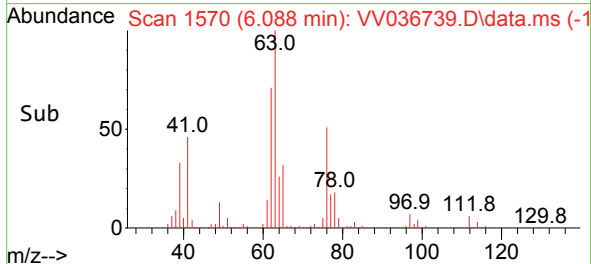
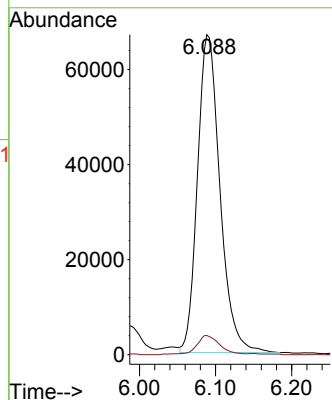
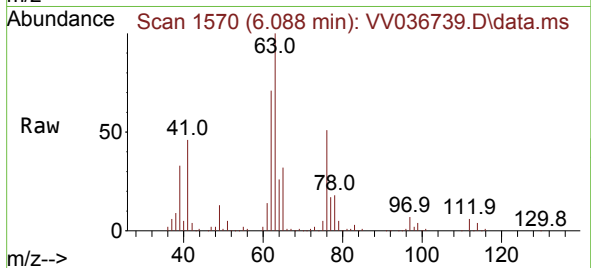
ClientSampleId :

Tgt Ion: 63 Resp: 137871

Ion Ratio Lower Upper

63 100

112 6.3 4.8 7.2



#38

Bromodichloromethane

Concen: 24.909 ug/L

RT: 6.429 min Scan# 1676

Delta R.T. 0.003 min

Lab File: VV036739.D

Acq: 26 Jul 2024 18:24

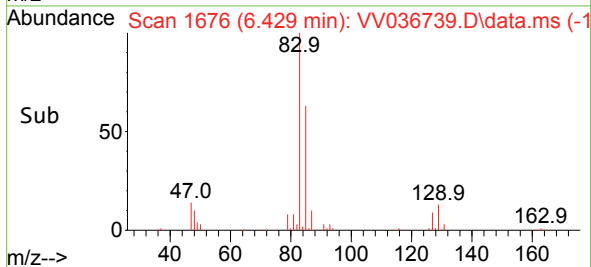
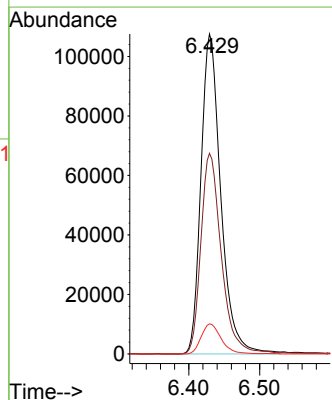
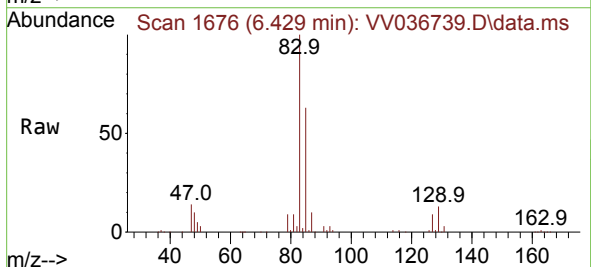
Tgt Ion: 83 Resp: 209108

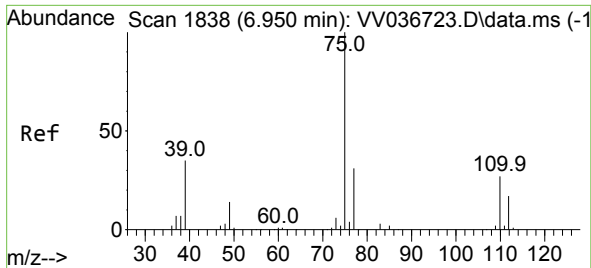
Ion Ratio Lower Upper

83 100

85 62.7 44.6 82.8

127 9.4 7.8 11.6

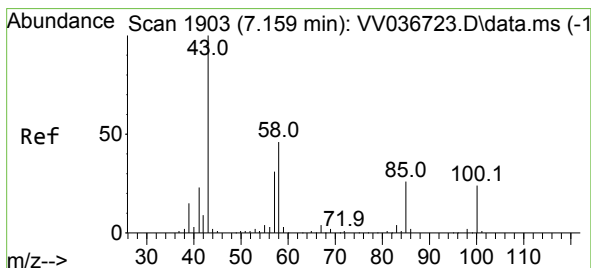
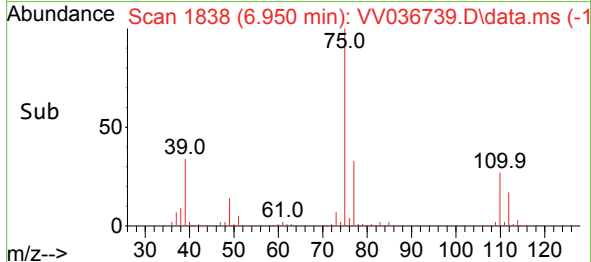
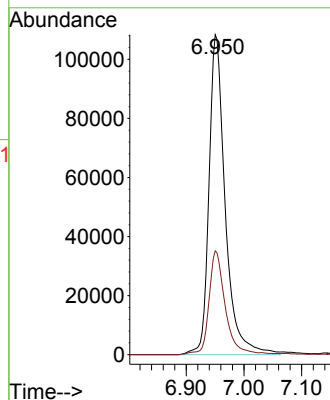
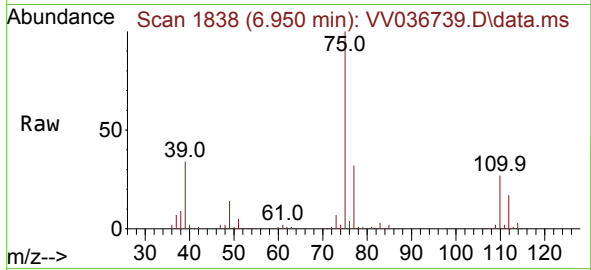




#39
 cis-1,3-Dichloropropene
 Concen: 25.061 ug/L
 RT: 6.950 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VV036739.D
 Acq: 26 Jul 2024 18:24

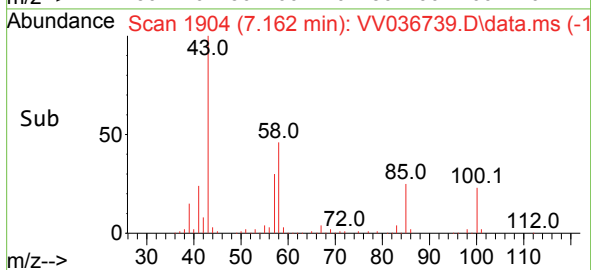
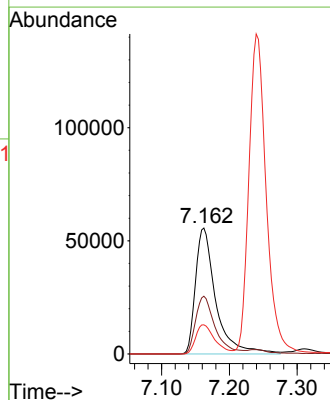
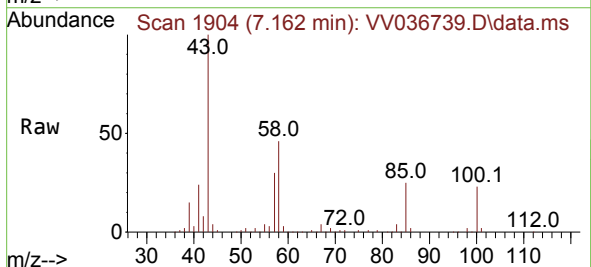
Instrument :
 MSVOA_V
 ClientSampleId :

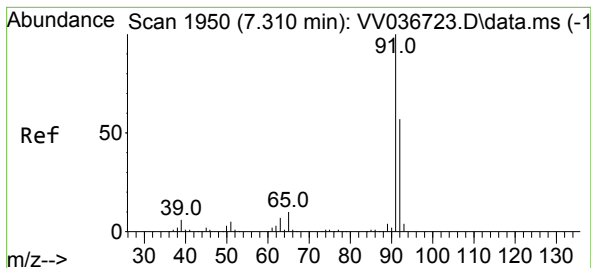
Tgt Ion: 75 Resp: 211871
 Ion Ratio Lower Upper
 75 100
 77 32.5 22.8 42.4



#40
 4-Methyl-2-pentanone
 Concen: 48.154 ug/L
 RT: 7.162 min Scan# 1904
 Delta R.T. 0.003 min
 Lab File: VV036739.D
 Acq: 26 Jul 2024 18:24

Tgt Ion: 43 Resp: 115776
 Ion Ratio Lower Upper
 43 100
 58 44.3 36.6 54.8
 100 21.8 18.2 27.4





#42

Toluene

Concen: 26.915 ug/L

RT: 7.310 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VV036739.D

Acq: 26 Jul 2024 18:24

Instrument :

MSVOA_V

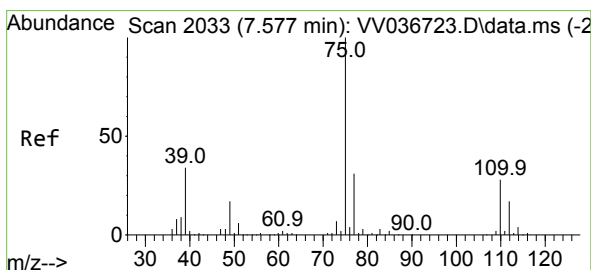
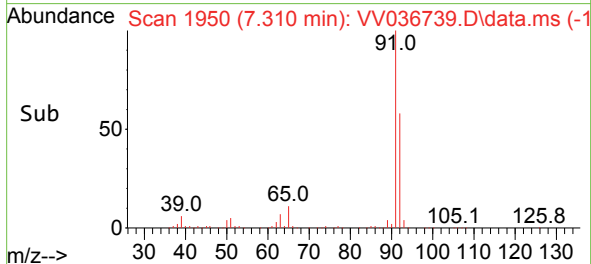
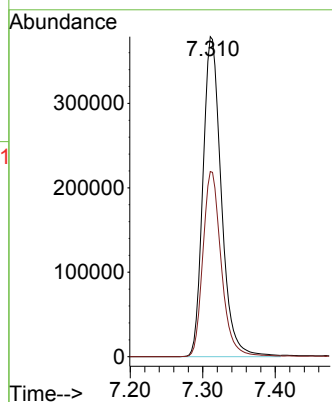
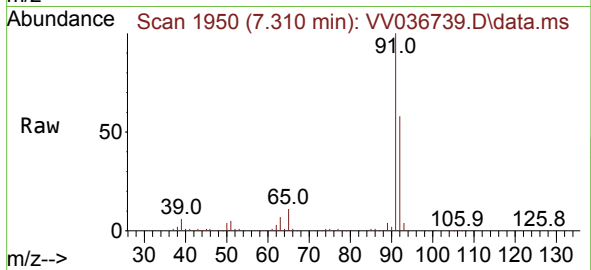
ClientSampleId :

Tgt Ion: 91 Resp: 666947

Ion Ratio Lower Upper

91 100

92 57.9 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 25.164 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. 0.003 min

Lab File: VV036739.D

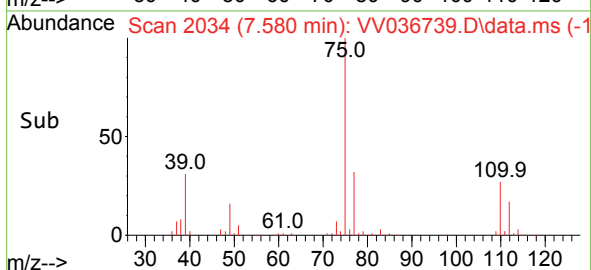
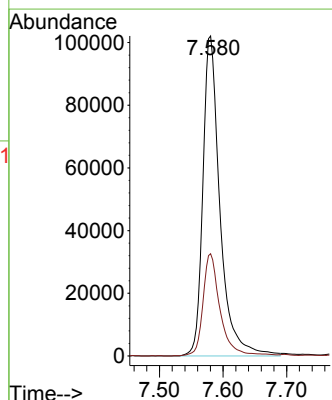
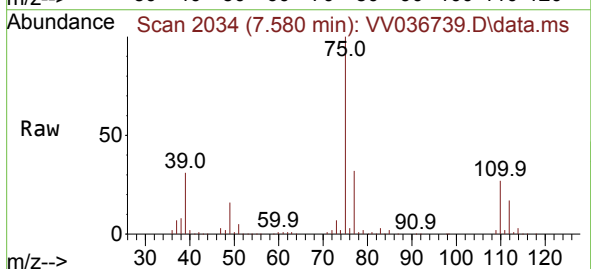
Acq: 26 Jul 2024 18:24

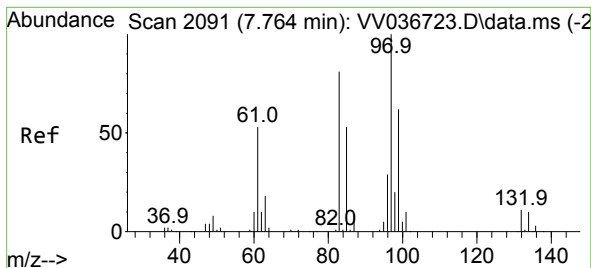
Tgt Ion: 75 Resp: 191050

Ion Ratio Lower Upper

75 100

77 31.9 22.6 42.0





#45

1,1,2-Trichloroethane

Concen: 25.740 ug/L

RT: 7.767 min Scan# 2091

Delta R.T. 0.003 min

Lab File: VV036739.D

Acq: 26 Jul 2024 18:24

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 129252

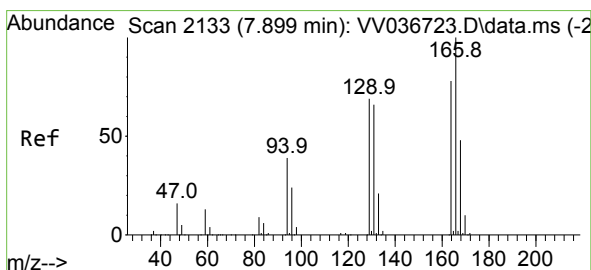
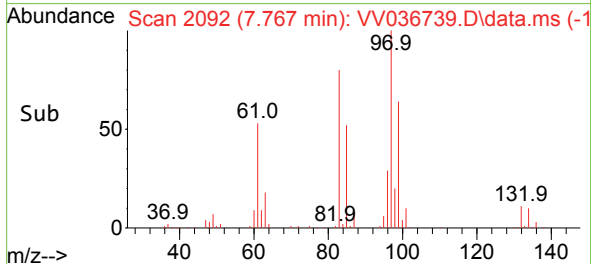
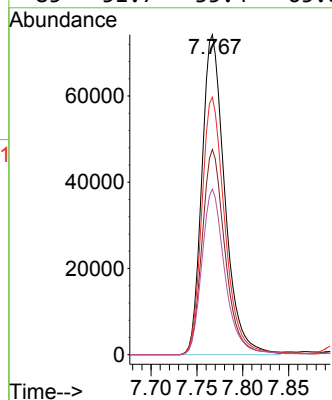
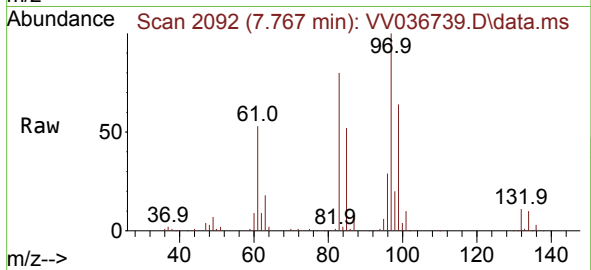
Ion Ratio Lower Upper

97 100

99 64.1 43.5 80.7

83 80.4 55.4 103.0

85 51.7 35.4 65.8



#46

Tetrachloroethene

Concen: 22.758 ug/L

RT: 7.902 min Scan# 2134

Delta R.T. 0.003 min

Lab File: VV036739.D

Acq: 26 Jul 2024 18:24

Tgt Ion:164 Resp: 165338

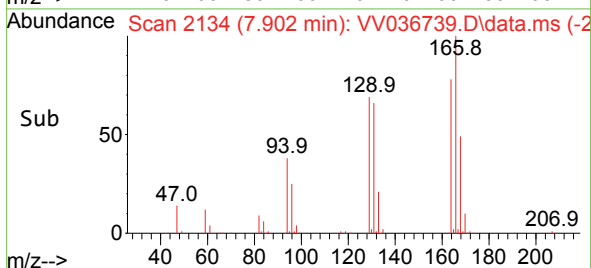
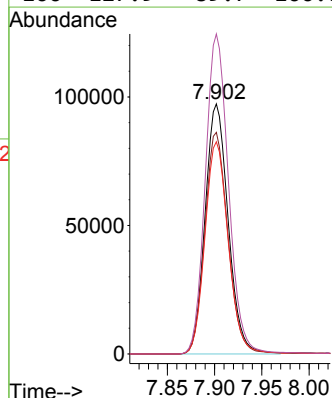
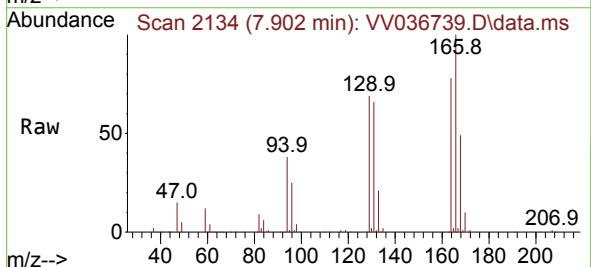
Ion Ratio Lower Upper

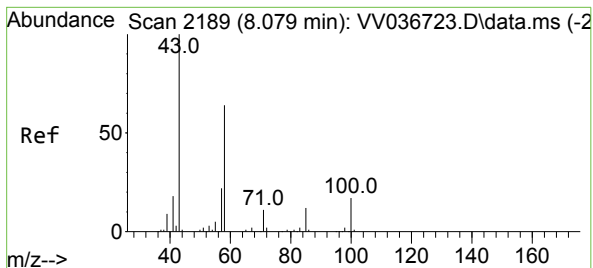
164 100

129 88.6 61.0 113.2

131 84.8 60.1 111.5

166 127.9 89.7 166.7





#48

2-Hexanone

Concen: 44.536 ug/L

RT: 8.082 min Scan# 2189

Delta R.T. 0.003 min

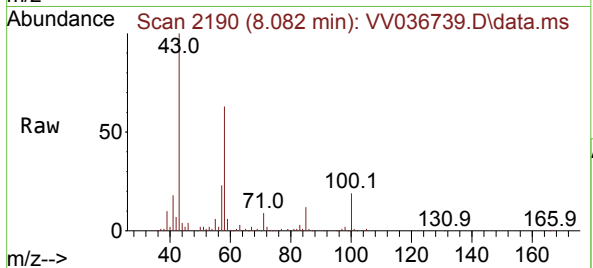
Lab File: VV036739.D

Acq: 26 Jul 2024 18:24

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 83954

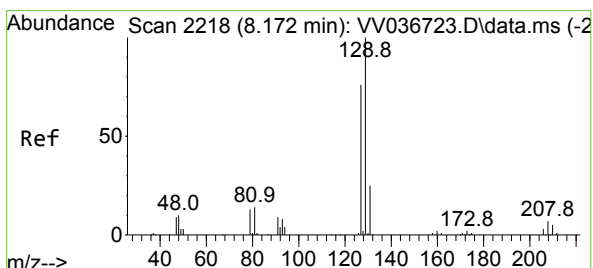
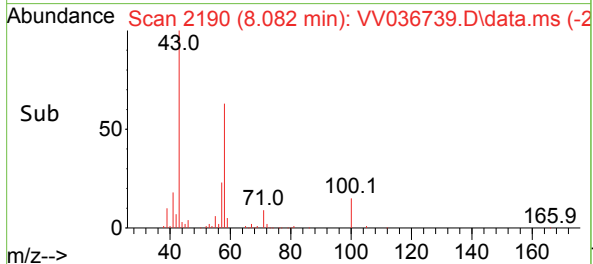
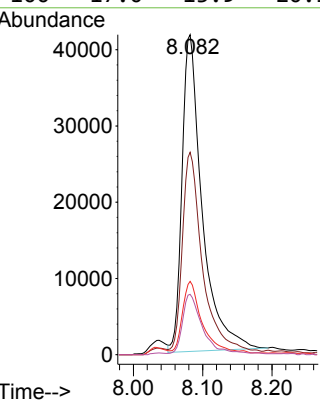
Ion Ratio Lower Upper

43 100

58 63.6 50.6 75.8

57 21.1 17.7 26.5

100 17.0 13.9 20.9



#49

Dibromochloromethane

Concen: 25.393 ug/L

RT: 8.172 min Scan# 2218

Delta R.T. 0.000 min

Lab File: VV036739.D

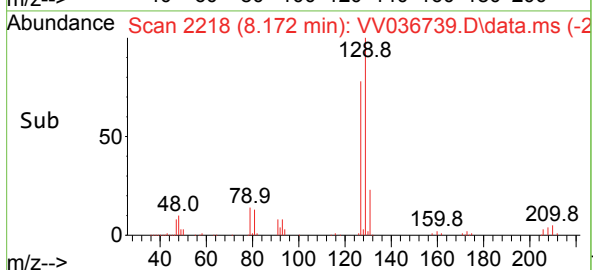
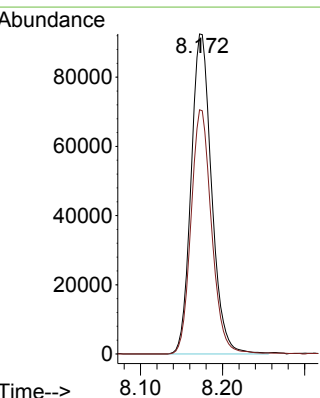
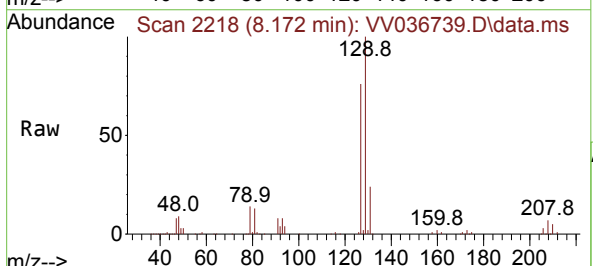
Acq: 26 Jul 2024 18:24

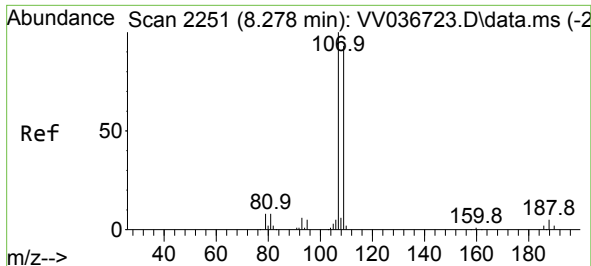
Tgt Ion: 129 Resp: 160652

Ion Ratio Lower Upper

129 100

127 76.3 54.3 100.9

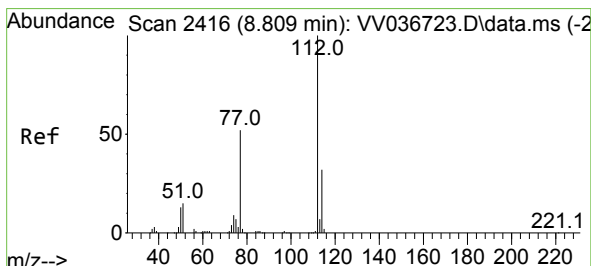
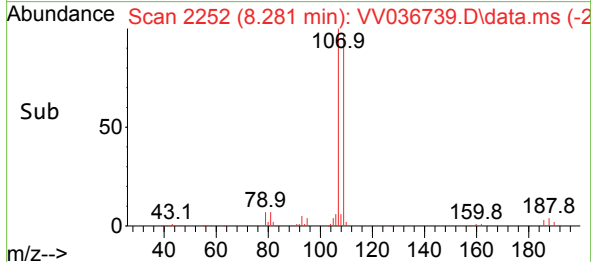
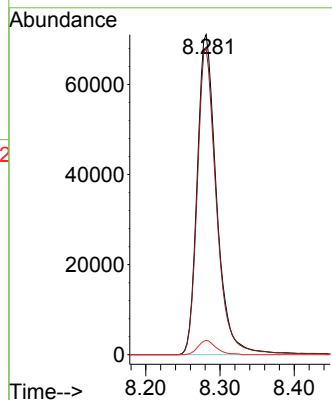
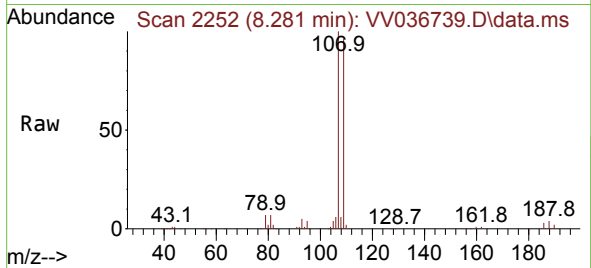




#50
1,2-Dibromoethane
Concen: 25.508 ug/L
RT: 8.281 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV036739.D
Acq: 26 Jul 2024 18:24

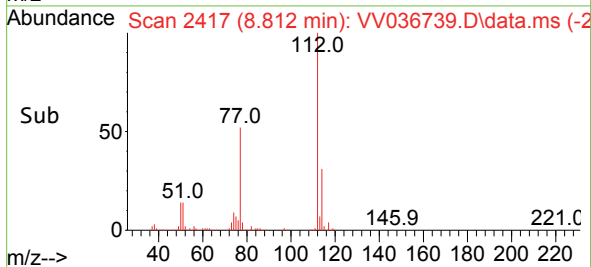
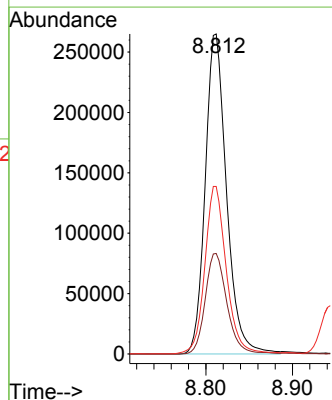
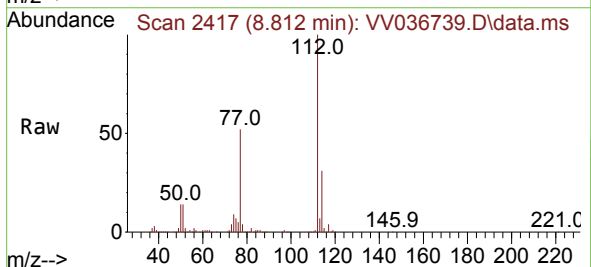
Instrument :
MSVOA_V
ClientSampleId :

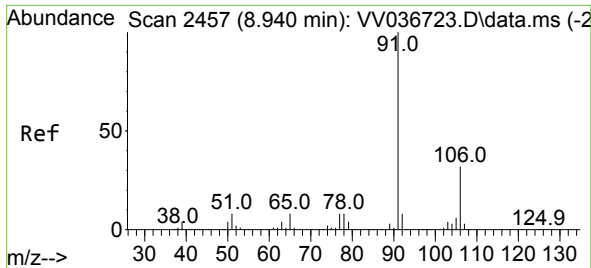
Tgt Ion:107 Resp: 128687
Ion Ratio Lower Upper
107 100
109 95.8 65.5 121.6
188 4.4 3.4 5.2



#51
Chlorobenzene
Concen: 25.260 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.003 min
Lab File: VV036739.D
Acq: 26 Jul 2024 18:24

Tgt Ion:112 Resp: 453204
Ion Ratio Lower Upper
112 100
114 31.4 22.5 41.7
77 52.4 41.9 62.9

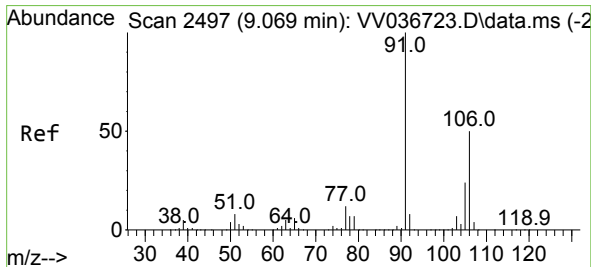
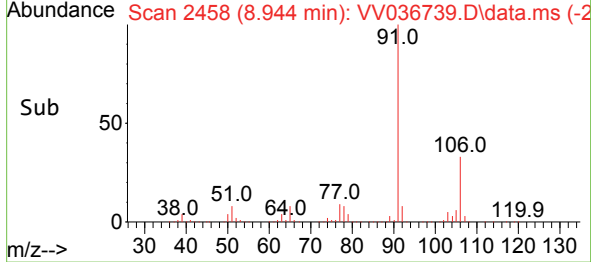
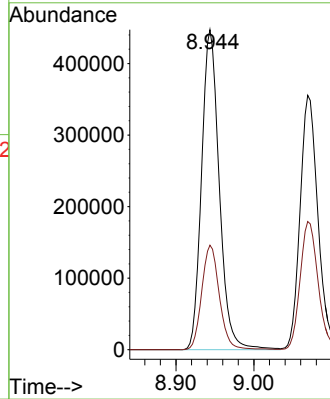
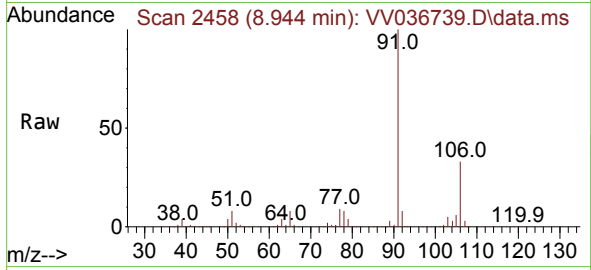




#52
Ethylbenzene
Concen: 25.903 ug/L
RT: 8.944 min Scan# 2457
Delta R.T. 0.003 min
Lab File: VV036739.D
Acq: 26 Jul 2024 18:24

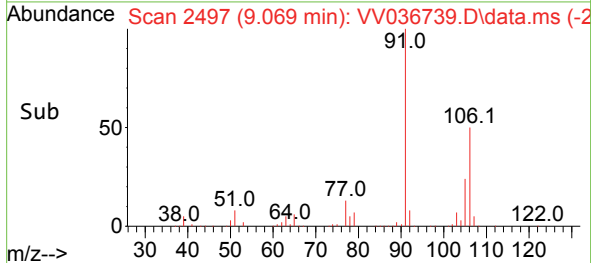
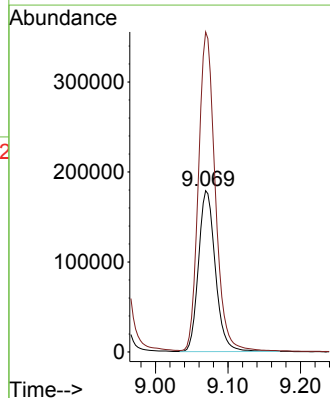
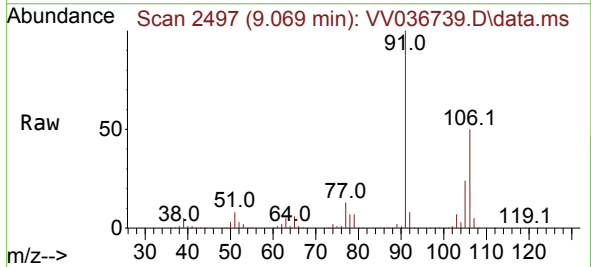
Instrument :
MSVOA_V
ClientSampleId :

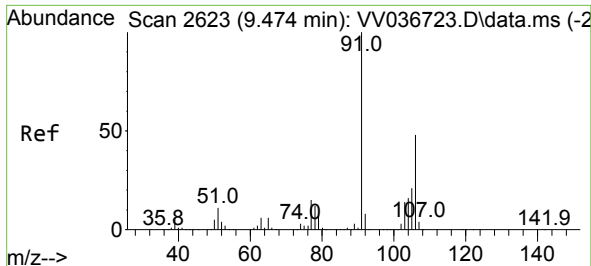
Tgt Ion: 91 Resp: 706058
Ion Ratio Lower Upper
91 100
106 32.7 22.5 41.7



#53
m,p-Xylene
Concen: 27.136 ug/L
RT: 9.069 min Scan# 2497
Delta R.T. 0.000 min
Lab File: VV036739.D
Acq: 26 Jul 2024 18:24

Tgt Ion:106 Resp: 288785
Ion Ratio Lower Upper
106 100
91 198.4 136.8 254.0

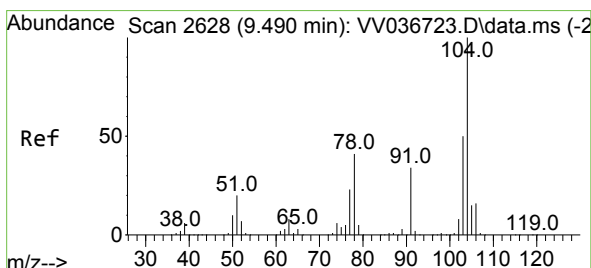
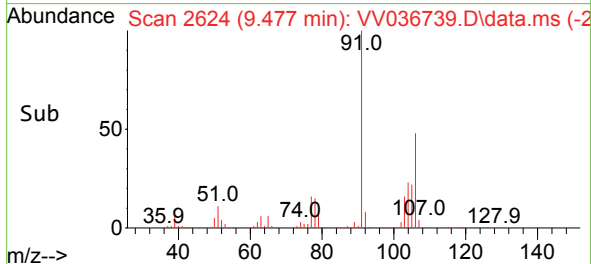
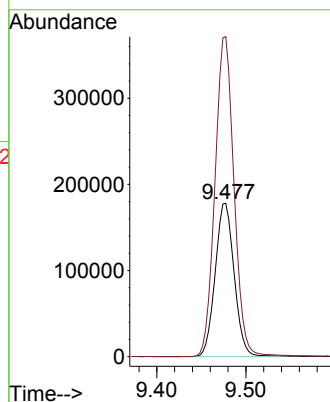
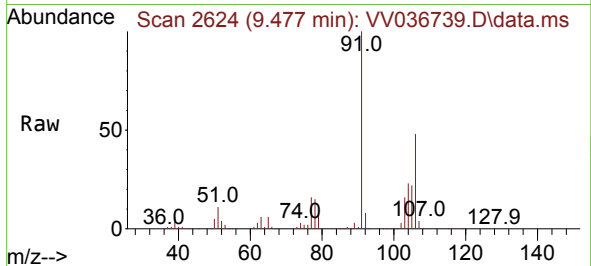




#54
o-Xylene
Concen: 25.815 ug/L
RT: 9.477 min Scan# 2623
Delta R.T. 0.003 min
Lab File: VV036739.D
Acq: 26 Jul 2024 18:24

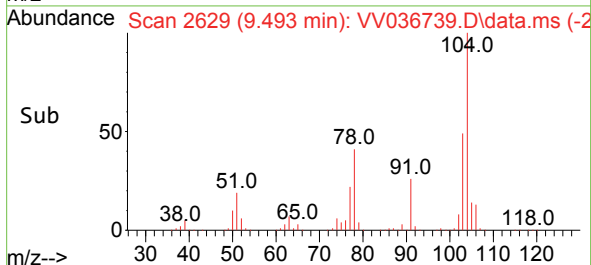
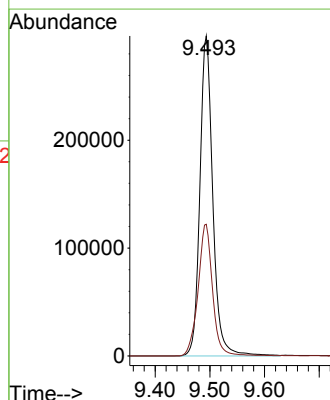
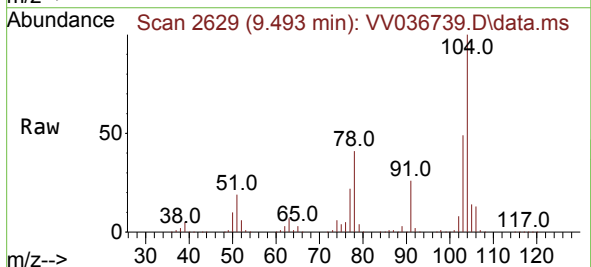
Instrument :
MSVOA_V
ClientSampleId :

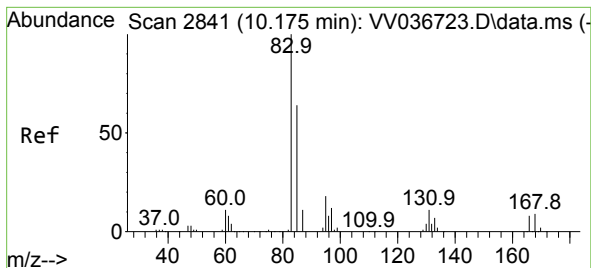
Tgt Ion:106 Resp: 263952
Ion Ratio Lower Upper
106 100
91 208.8 146.1 271.3



#55
Styrene
Concen: 28.066 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. 0.003 min
Lab File: VV036739.D
Acq: 26 Jul 2024 18:24

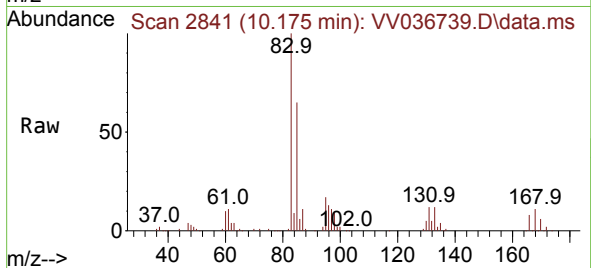
Tgt Ion:104 Resp: 486611
Ion Ratio Lower Upper
104 100
78 41.2 29.7 55.1



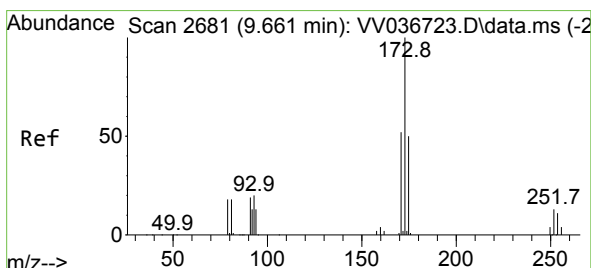
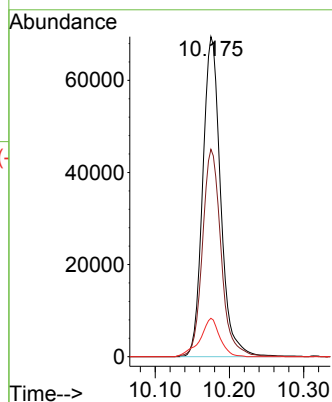
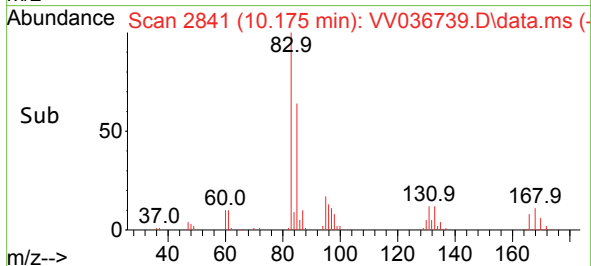


#57
1,1,2,2-Tetrachloroethane
Concen: 25.552 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. 0.000 min
Lab File: VV036739.D
Acq: 26 Jul 2024 18:24

Instrument :
MSVOA_V
ClientSampleId :

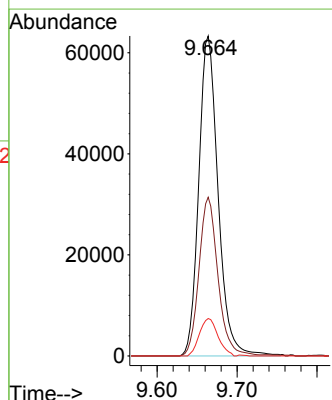
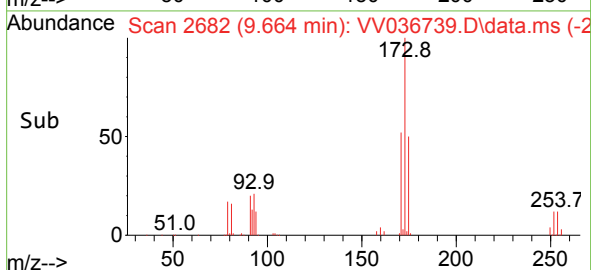
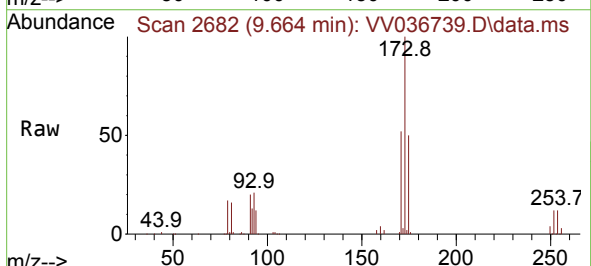


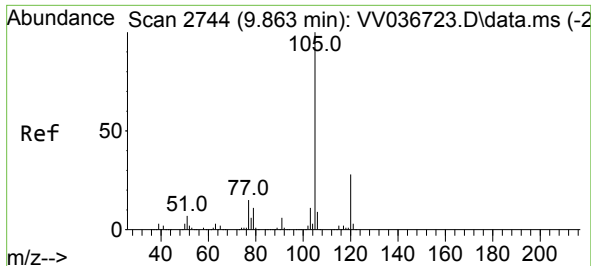
Tgt Ion: 83 Resp: 116255
Ion Ratio Lower Upper
83 100
85 64.8 44.9 83.3
131 12.0 9.3 13.9



#59
Bromoform
Concen: 24.373 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. 0.003 min
Lab File: VV036739.D
Acq: 26 Jul 2024 18:24

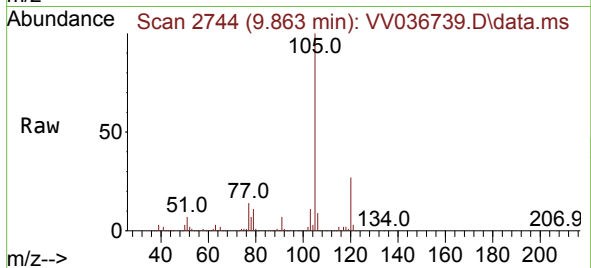
Tgt Ion: 173 Resp: 106707
Ion Ratio Lower Upper
173 100
175 48.6 39.6 59.4
254 11.2 8.2 12.4



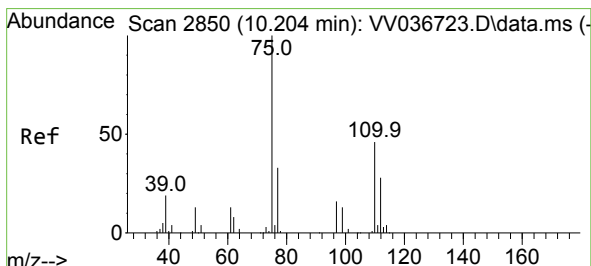
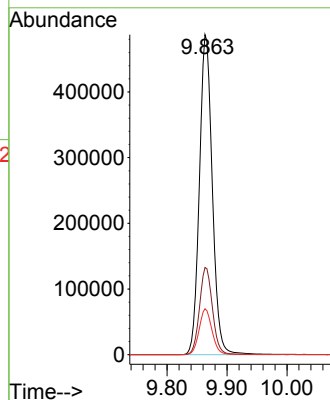
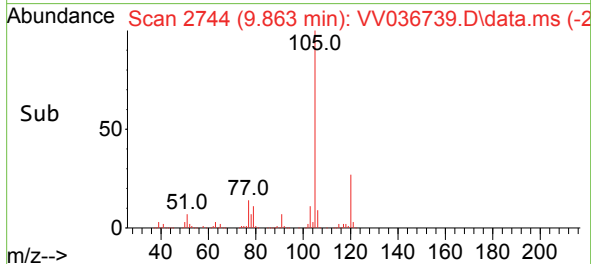


#60
Isopropylbenzene
Concen: 25.676 ug/L
RT: 9.863 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV036739.D
Acq: 26 Jul 2024 18:24

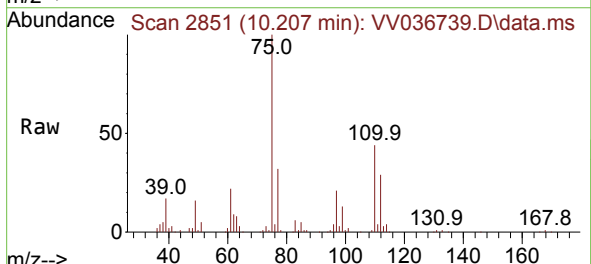
Instrument :
MSVOA_V
ClientSampleId :



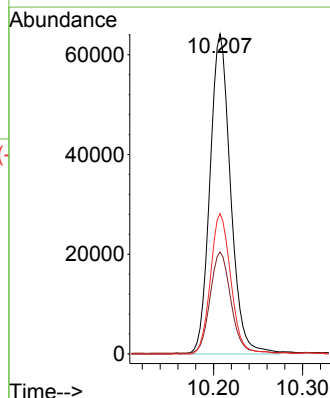
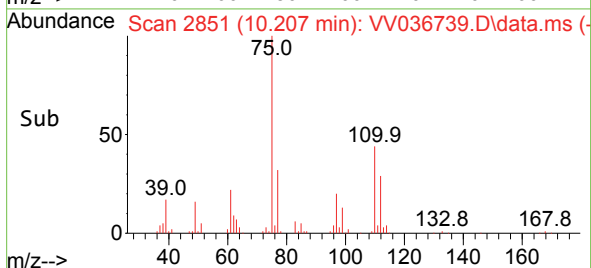
Tgt Ion:105 Resp: 730396
Ion Ratio Lower Upper
105 100
120 27.4 22.1 33.1
77 14.3 11.8 17.6

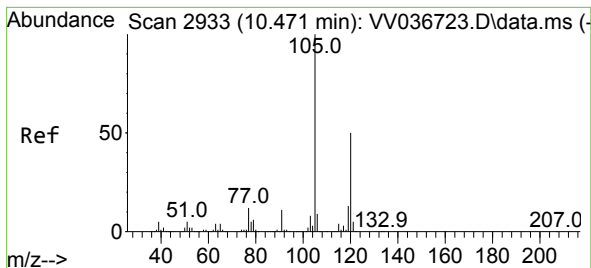


#61
1,2,3-Trichloropropane
Concen: 25.204 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.003 min
Lab File: VV036739.D
Acq: 26 Jul 2024 18:24



Tgt Ion: 75 Resp: 103288
Ion Ratio Lower Upper
75 100
77 31.7 25.9 38.9
110 43.4 36.2 54.4





#62

1,3,5-Trimethylbenzene

Concen: 26.033 ug/L

RT: 10.474 min Scan# 2933

Delta R.T. 0.003 min

Lab File: VV036739.D

Acq: 26 Jul 2024 18:24

Instrument :

MSVOA_V

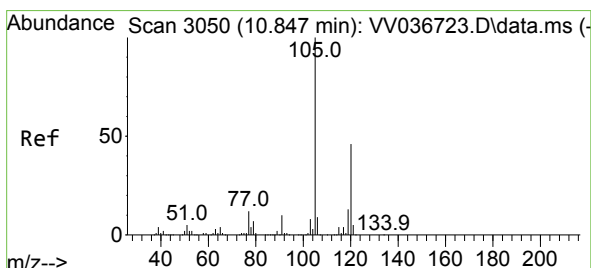
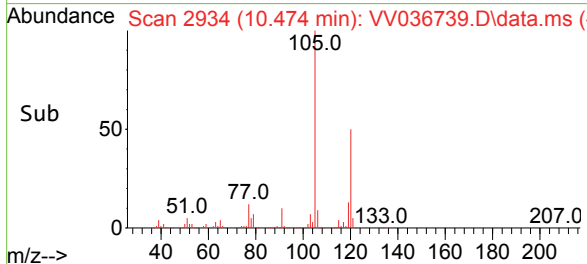
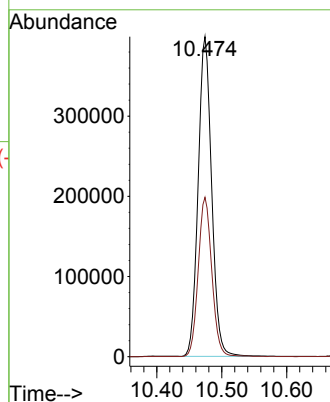
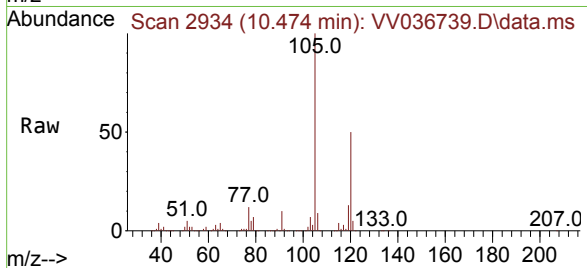
ClientSampleId :

Tgt Ion:105 Resp: 577647

Ion Ratio Lower Upper

105 100

120 50.2 39.8 59.8



#63

1,2,4-Trimethylbenzene

Concen: 25.895 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.003 min

Lab File: VV036739.D

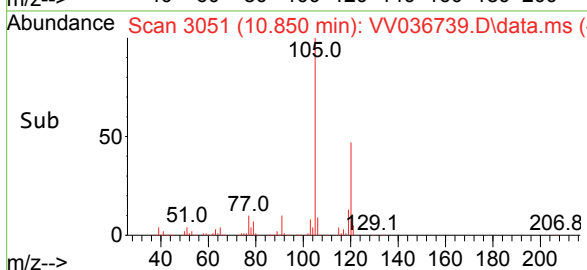
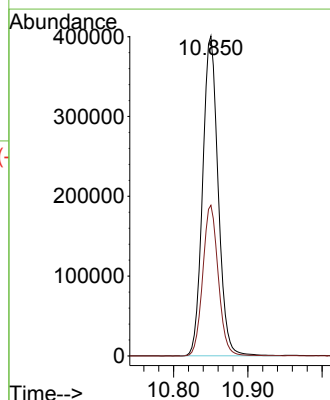
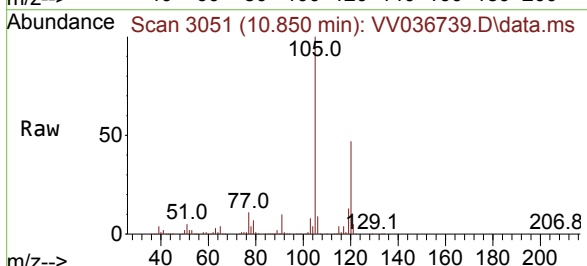
Acq: 26 Jul 2024 18:24

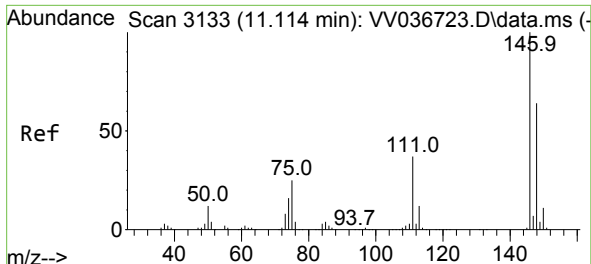
Tgt Ion:105 Resp: 581645

Ion Ratio Lower Upper

105 100

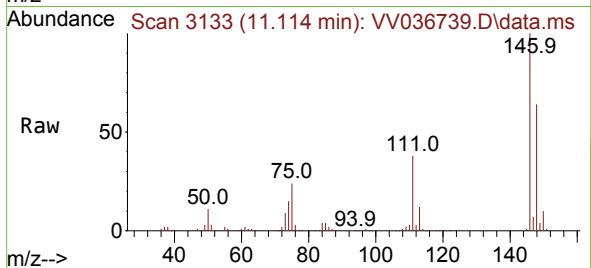
120 47.1 37.2 55.8



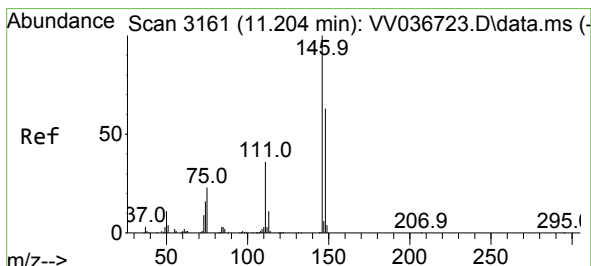
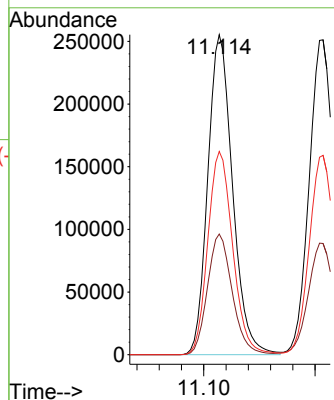
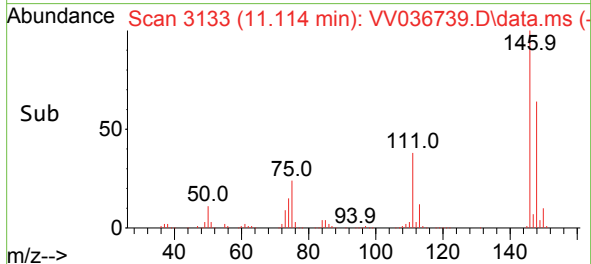


#64
1,3-Dichlorobenzene
Concen: 24.807 ug/L
RT: 11.114 min Scan# 3133
Delta R.T. 0.000 min
Lab File: VV036739.D
Acq: 26 Jul 2024 18:24

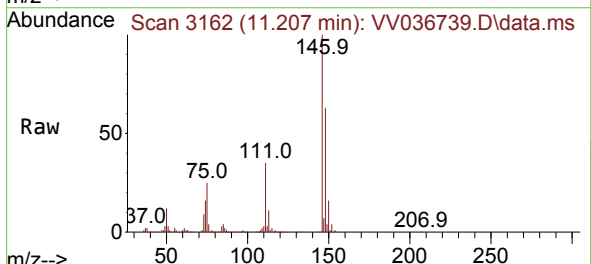
Instrument :
MSVOA_V
ClientSampleId :



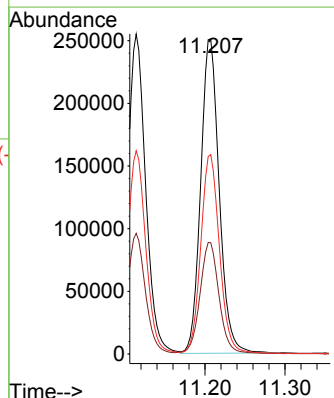
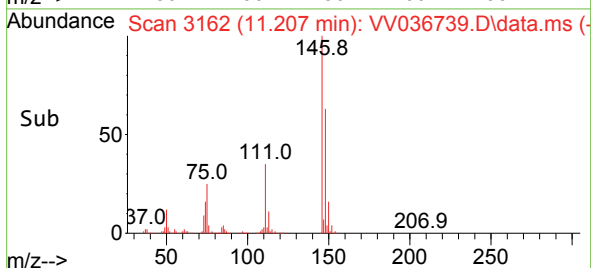
Tgt Ion:146 Resp: 394484
Ion Ratio Lower Upper
146 100
111 37.7 25.5 47.3
148 63.5 44.6 82.8

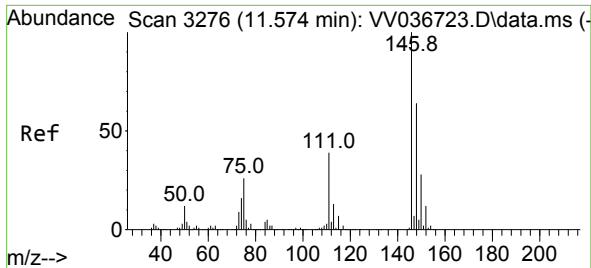


#65
1,4-Dichlorobenzene
Concen: 24.711 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. 0.003 min
Lab File: VV036739.D
Acq: 26 Jul 2024 18:24



Tgt Ion:146 Resp: 404677
Ion Ratio Lower Upper
146 100
111 35.3 24.9 46.3
148 63.3 44.5 82.7

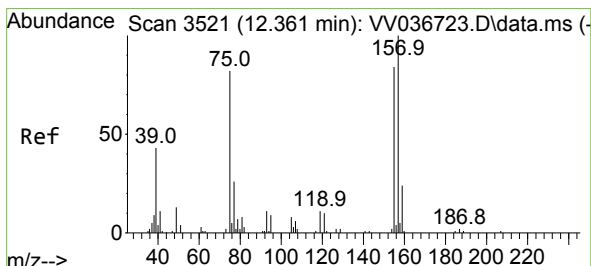
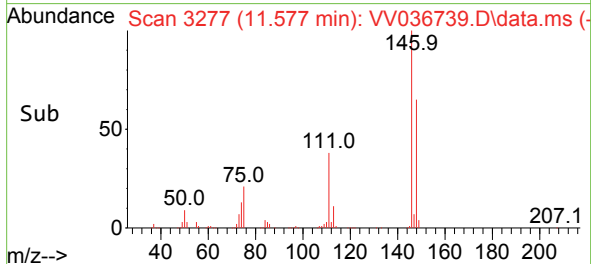
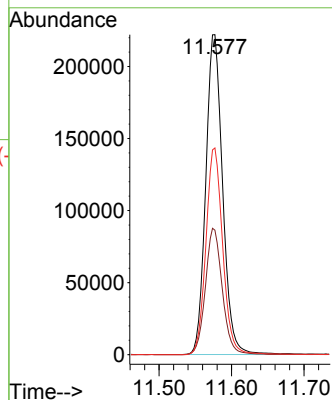
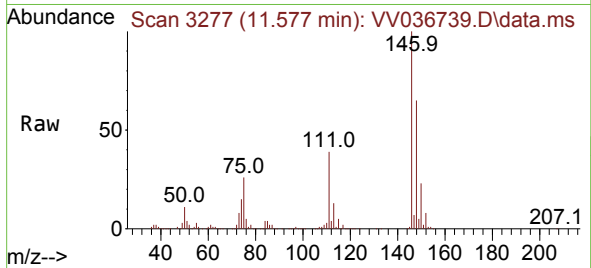




#67
1,2-Dichlorobenzene
Concen: 24.260 ug/L
RT: 11.577 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV036739.D
Acq: 26 Jul 2024 18:24

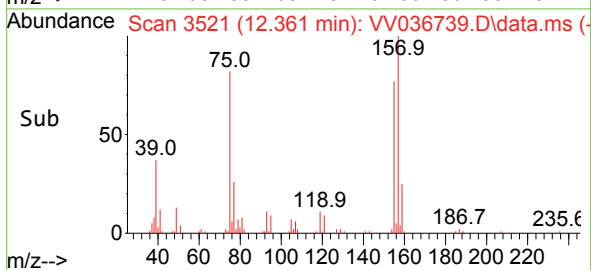
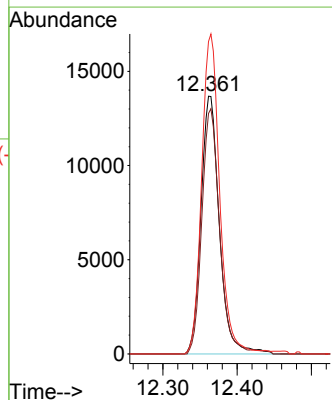
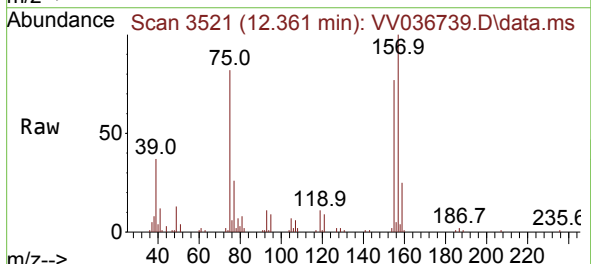
Instrument :
MSVOA_V
ClientSampleId :

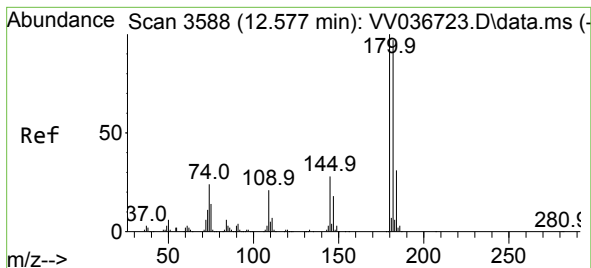
Tgt Ion:146 Resp: 358711
Ion Ratio Lower Upper
146 100
111 38.9 31.3 46.9
148 64.6 51.0 76.4



#68
1,2-Dibromo-3-chloropropane
Concen: 24.375 ug/L
RT: 12.361 min Scan# 3521
Delta R.T. 0.000 min
Lab File: VV036739.D
Acq: 26 Jul 2024 18:24

Tgt Ion: 75 Resp: 23523
Ion Ratio Lower Upper
75 100
155 93.3 79.5 119.3
157 121.2 100.2 150.4





#69

1,3,5-Trichlorobenzene

Concen: 23.611 ug/L

RT: 12.580 min Scan# 3588

Delta R.T. 0.003 min

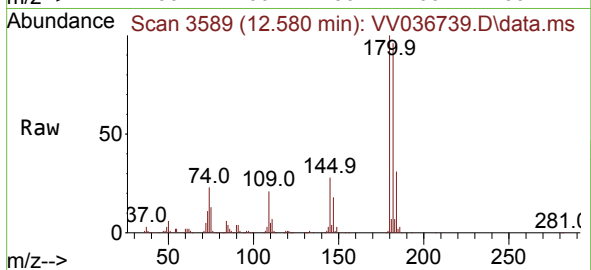
Lab File: VV036739.D

Acq: 26 Jul 2024 18:24

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 296193

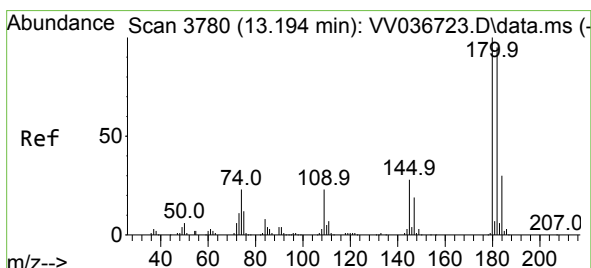
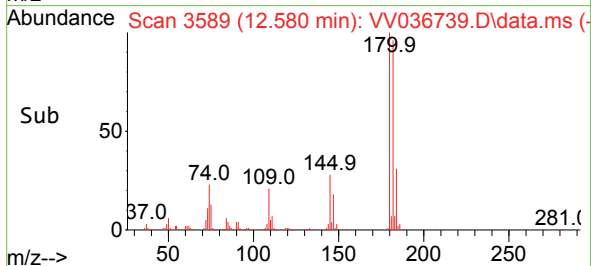
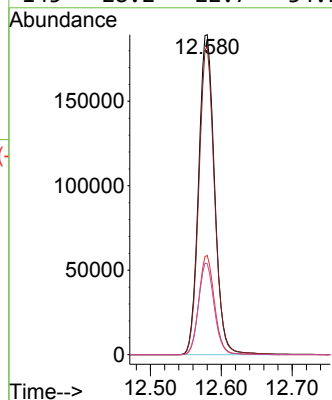
Ion Ratio Lower Upper

180 100

182 95.0 77.0 115.4

184 30.3 24.6 36.8

145 28.2 22.7 34.1



#70

1,2,4-trichlorobenzene

Concen: 22.389 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. 0.000 min

Lab File: VV036739.D

Acq: 26 Jul 2024 18:24

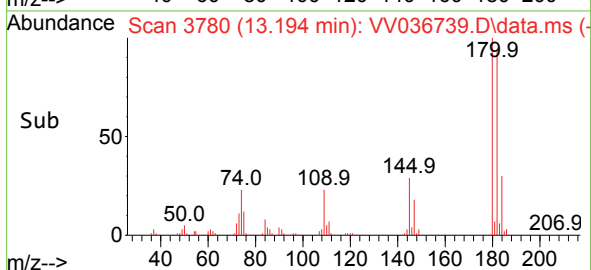
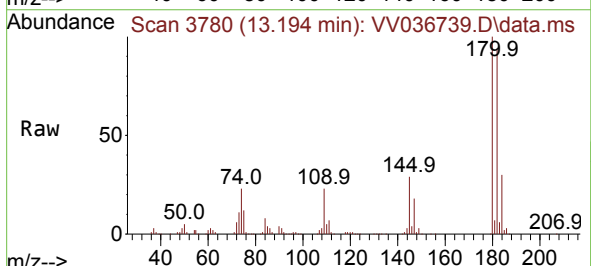
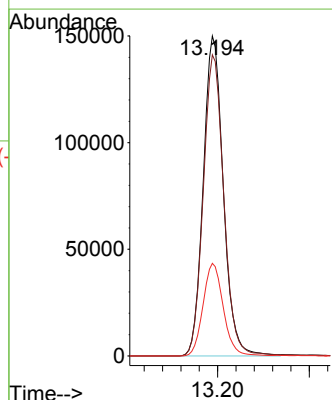
Tgt Ion:180 Resp: 228143

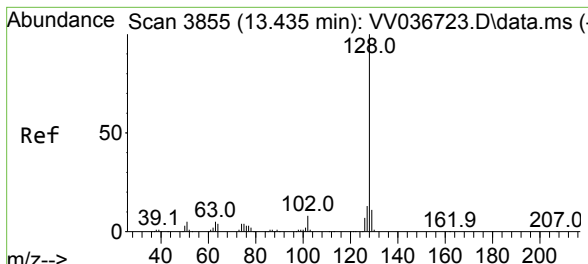
Ion Ratio Lower Upper

180 100

182 95.9 76.2 114.2

145 29.2 23.0 34.6

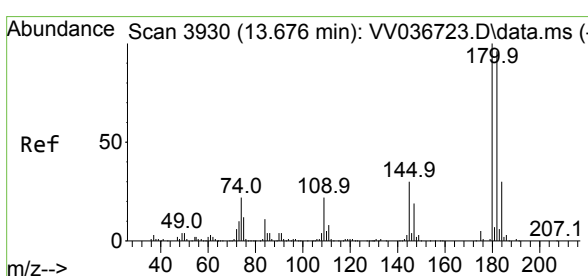
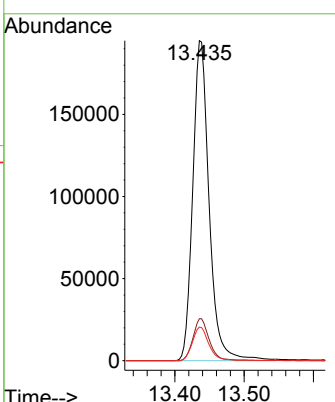
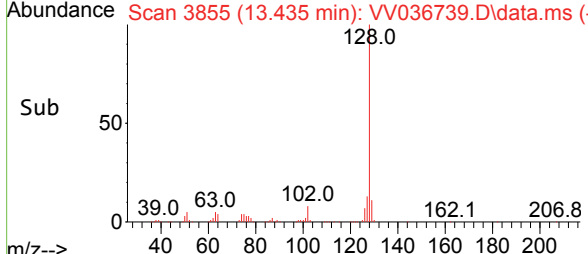
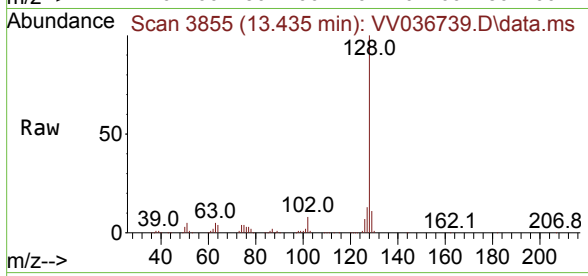




#71
 Naphthalene
 Concen: 21.112 ug/L
 RT: 13.435 min Scan# 3855
 Delta R.T. 0.000 min
 Lab File: VV036739.D
 Acq: 26 Jul 2024 18:24

Instrument : MSVOA_V
 ClientSampleId :

Tgt Ion:	128	Resp:	320028
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.4	15.6
129	10.5	8.7	13.1



#72
 1,2,3-Trichlorobenzene
 Concen: 24.545 ug/L
 RT: 13.677 min Scan# 3930
 Delta R.T. 0.000 min
 Lab File: VV036739.D
 Acq: 26 Jul 2024 18:24

Tgt Ion:	180	Resp:	225671
Ion Ratio	Lower	Upper	
180	100		
182	95.9	75.6	113.4
145	30.2	24.6	37.0

