

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062124\
 Data File : VW036217.D
 Acq On : 21 Jun 2024 19:32
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 22 02:51:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 20 05:02:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	263256	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	266491	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	140331	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	96887	20.018	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.080%
7) Chloroethane-d5	1.526	69	86284	22.358	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.440%
11) 1,1-Dichloroethene-d2	2.050	65	46781	21.712	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.840%
21) 2-Butanone-d5	4.108	46	95	0.086	ug/L	0.27
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.180%#
24) Chloroform-d	4.243	84	204865	24.478	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.920%
26) 1,2-Dichloroethane-d4	4.940	65	109923	25.050	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.200%
32) Benzene-d6	4.956	84	379320	23.946	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.800%
36) 1,2-Dichloropropane-d6	5.985	67	119140	23.883	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.520%
41) Toluene-d8	7.239	98	338387	24.210	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.840%
43) trans-1,3-Dichloroprop...	7.551	79	50829	24.851	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.400%
47) 2-Hexanone-d5	8.030	63	41455	61.336	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.680%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	104529	28.041	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	112.160%
66) 1,2-Dichlorobenzene-d4	11.557	152	119441	23.210	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.101	85	102380	21.569	ug/L	100
3) Chloromethane	1.211	50	123807	22.727	ug/L	97
5) Vinyl chloride	1.275	62	140413	24.484	ug/L	99
6) Bromomethane	1.481	94	94105	26.451	ug/L	99
8) Chloroethane	1.542	64	92388	25.917	ug/L	98
9) Trichlorofluoromethane	1.706	101	190102	26.692	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.059	101	116059	25.677	ug/L	99
12) 1,1-Dichloroethene	2.059	96	113113	26.832	ug/L	98
14) Carbon disulfide	2.230	76	349612	23.882	ug/L	100
15) Methyl Acetate	2.384	43	59971	27.893	ug/L	96
16) Methylene chloride	2.439	84	160919	27.014	ug/L	99
17) trans-1,2-Dichloroethene	2.686	96	115201	25.725	ug/L	98
18) Methyl tert-butyl Ether	2.703	73	288397	28.687	ug/L	100
19) 1,1-Dichloroethane	3.104	63	226441	26.552	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	121076	26.907	ug/L	98
22) 2-Butanone	3.905	43	62776	42.770	ug/L	92
23) Bromochloromethane	4.143	128	63892	28.307	ug/L	95
25) Chloroform	4.268	83	235355	26.828	ug/L	98
27) 1,2-Dichloroethane	5.037	62	157859	28.823	ug/L	99

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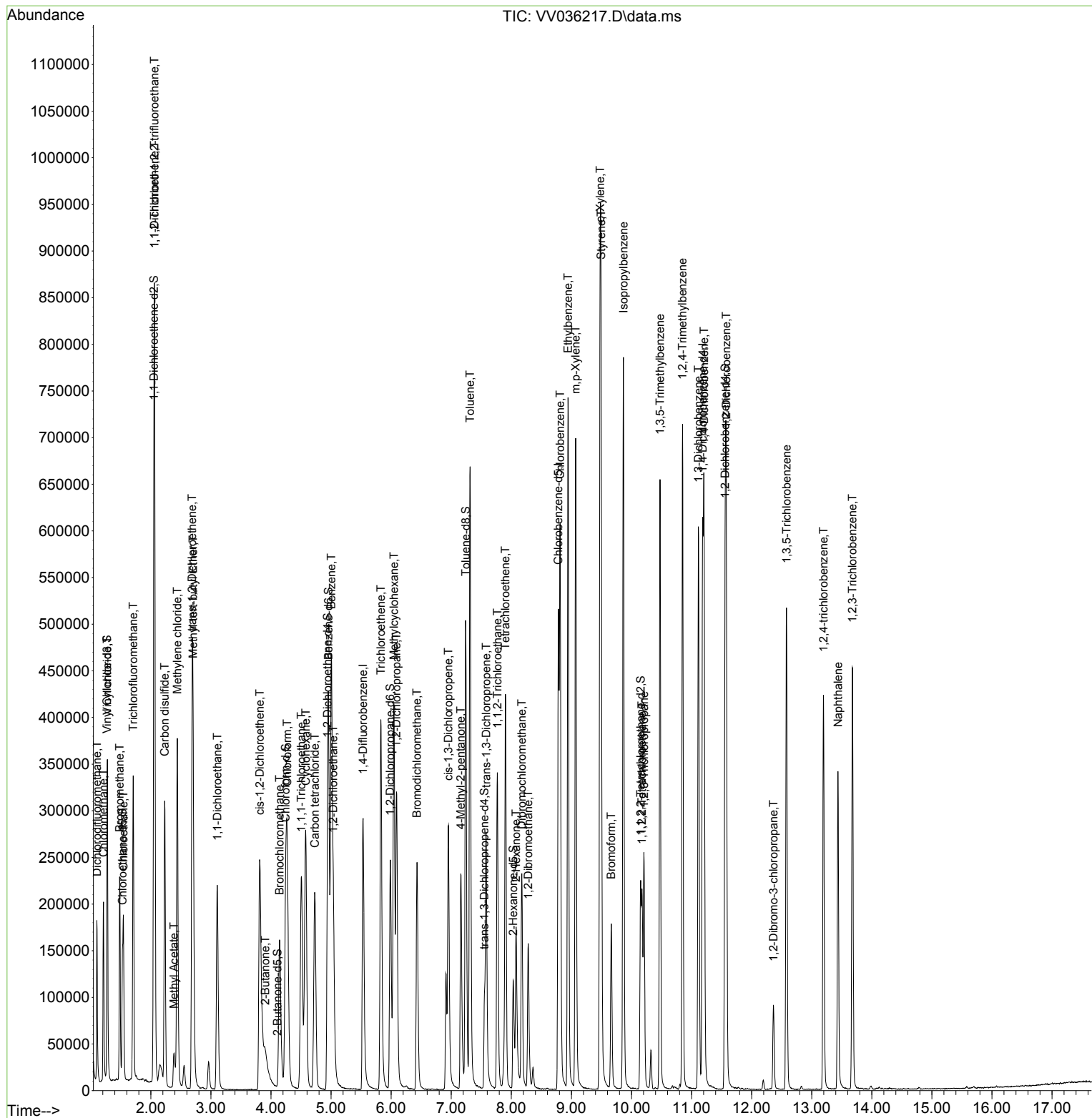
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	4.577	56	141767	22.343	ug/L	96
30) 1,1,1-Trichloroethane	4.506	97	192888	26.476	ug/L	99
31) Carbon tetrachloride	4.728	117	164064	25.669	ug/L	100
33) Benzene	5.005	78	478526	27.455	ug/L	100
34) Trichloroethene	5.828	95	140392	26.282	ug/L	99
35) Methylcyclohexane	6.046	83	167093	22.619	ug/L	98
37) 1,2-Dichloropropane	6.088	63	129108	28.211	ug/L	99
38) Bromodichloromethane	6.429	83	170335	28.120	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	181689	26.543	ug/L	100
40) 4-Methyl-2-pentanone	7.159	43	156972	63.130	ug/L	99
42) Toluene	7.313	91	502223	28.199	ug/L	98
44) trans-1,3-Dichloropropene	7.580	75	167315	28.299	ug/L	98
45) 1,1,2-Trichloroethane	7.767	97	106820	28.209	ug/L	99
46) Tetrachloroethene	7.902	164	93428	23.914	ug/L	99
48) 2-Hexanone	8.079	43	112000	57.617	ug/L	97
49) Dibromochloromethane	8.175	129	119146	28.749	ug/L	99
50) 1,2-Dibromoethane	8.281	107	106844	29.406	ug/L	100
51) Chlorobenzene	8.812	112	321690	26.510	ug/L	99
52) Ethylbenzene	8.943	91	504885	26.497	ug/L	100
53) m,p-Xylene	9.072	106	195432	27.296	ug/L	97
54) o-Xylene	9.477	106	182289	26.998	ug/L	96
55) Styrene	9.493	104	342647	28.778	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	100906	29.760	ug/L	99
59) Bromoform	9.664	173	79582	30.071	ug/L	99
60) Isopropylbenzene	9.866	105	480635	26.697	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	103640	31.227	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	332347	25.457	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	367873	26.154	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	241472	25.540	ug/L	100
65) 1,4-Dichlorobenzene	11.207	146	249632	25.580	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	232335	26.113	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	23142	31.182	ug/L	98
69) 1,3,5-Trichlorobenzene	12.580	180	160002	22.624	ug/L	100
70) 1,2,4-trichlorobenzene	13.197	180	130155	23.373	ug/L	99
71) Naphthalene	13.438	128	264351	29.089	ug/L	99
72) 1,2,3-Trichlorobenzene	13.676	180	131382	25.855	ug/L	98

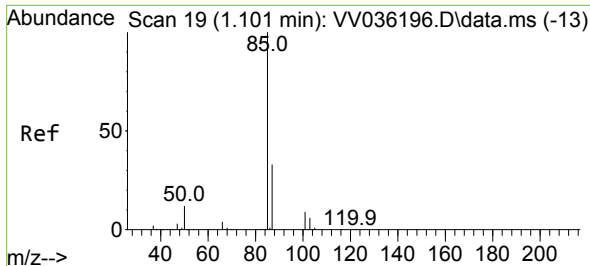
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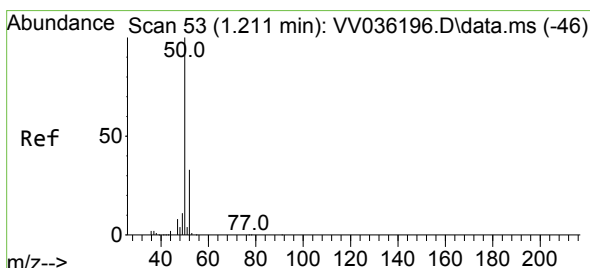
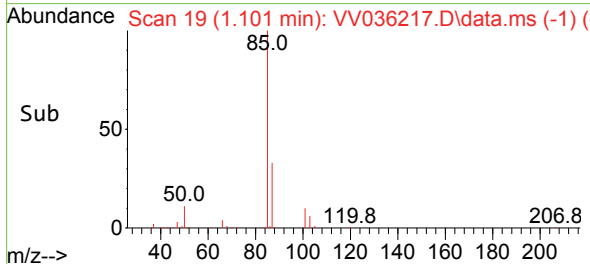
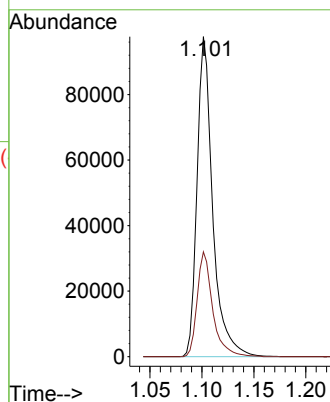
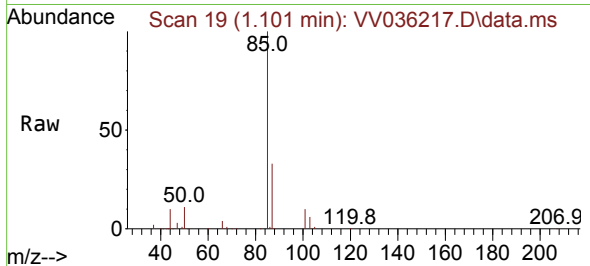




#2
Dichlorodifluoromethane
Concen: 21.569 ug/L
RT: 1.101 min Scan# 19
Delta R.T. -0.000 min
Lab File: VV036217.D
Acq: 21 Jun 2024 19:32

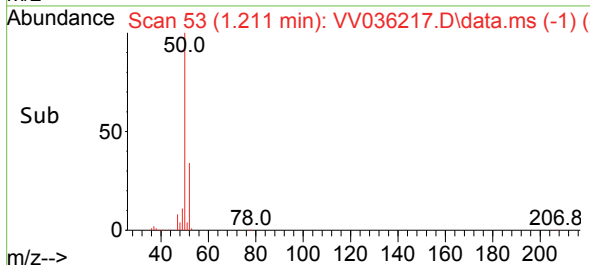
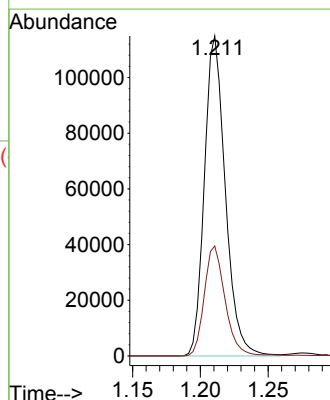
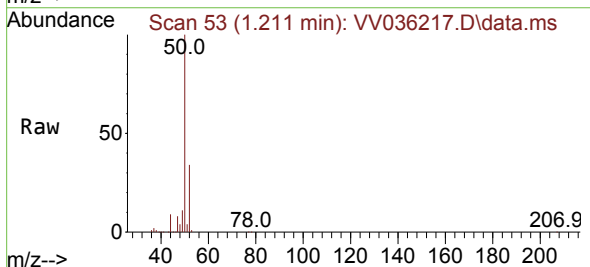
Instrument :
MSVOA_V
ClientSampleId :

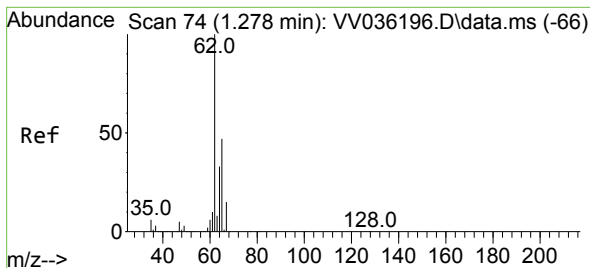
Tgt Ion: 85 Resp: 102380
Ion Ratio Lower Upper
85 100
87 32.6 25.9 38.9



#3
Chloromethane
Concen: 22.727 ug/L
RT: 1.211 min Scan# 53
Delta R.T. -0.000 min
Lab File: VV036217.D
Acq: 21 Jun 2024 19:32

Tgt Ion: 50 Resp: 123807
Ion Ratio Lower Upper
50 100
52 34.3 22.8 42.4





#5

Vinyl chloride

Concen: 24.484 ug/L

RT: 1.275 min Scan# 74

Delta R.T. -0.003 min

Lab File: VV036217.D

Acq: 21 Jun 2024 19:32

Instrument :

MSVOA_V

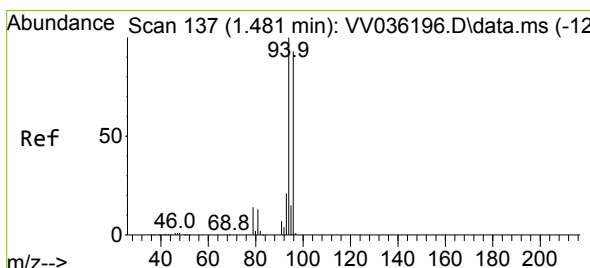
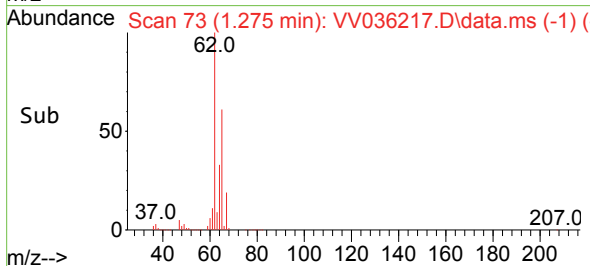
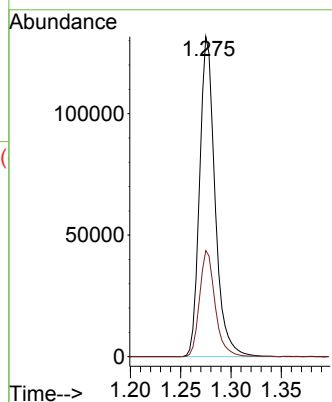
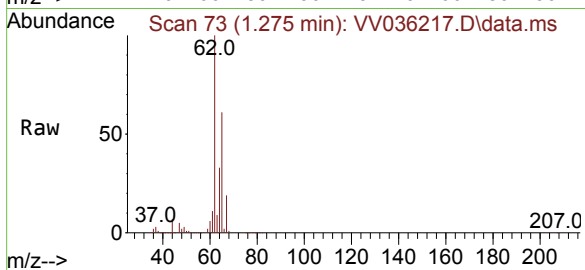
ClientSampleId :

Tgt Ion: 62 Resp: 140413

Ion Ratio Lower Upper

62 100

64 33.1 22.9 42.5



#6

Bromomethane

Concen: 26.451 ug/L

RT: 1.481 min Scan# 137

Delta R.T. -0.003 min

Lab File: VV036217.D

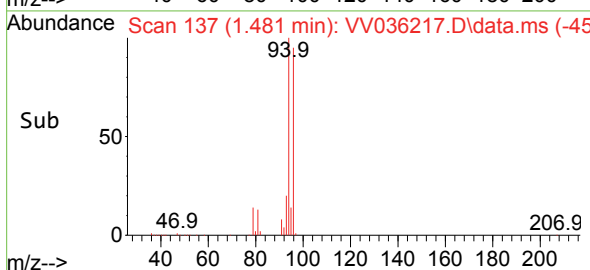
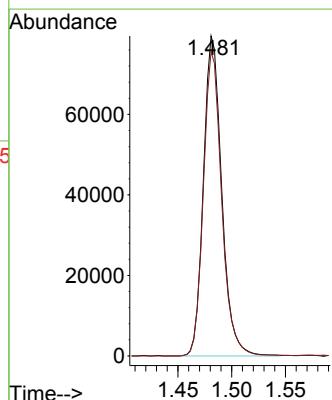
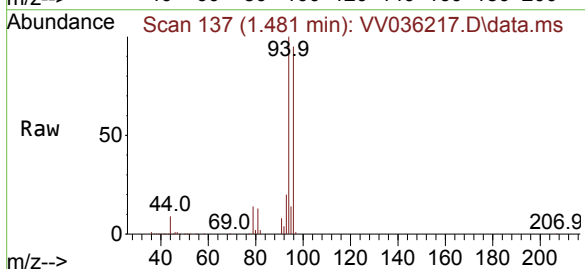
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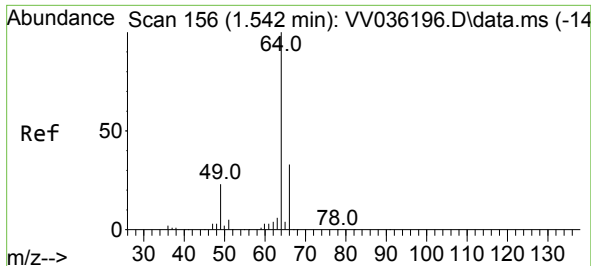
Tgt Ion: 94 Resp: 94105

Ion Ratio Lower Upper

94 100

96 95.3 65.7 122.1

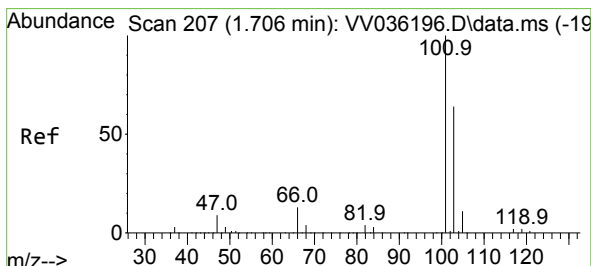
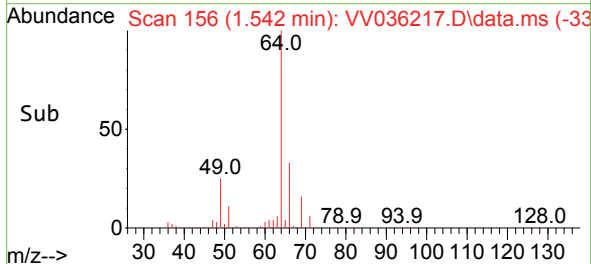
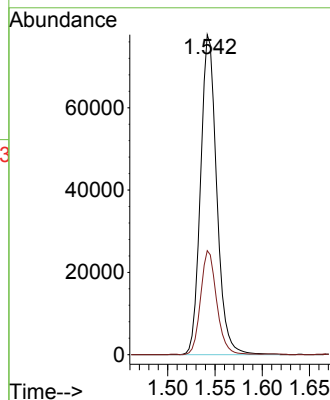
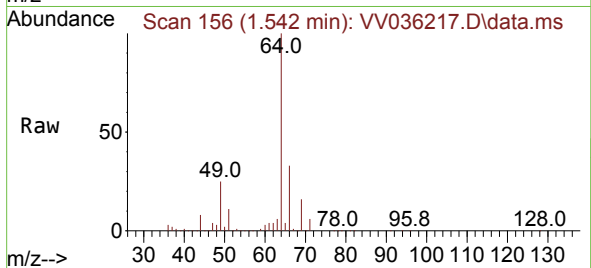




#8
Chloroethane
Concen: 25.917 ug/L
RT: 1.542 min Scan# 156
Delta R.T. -0.003 min
Lab File: VV036217.D
Acq: 21 Jun 2024 19:32

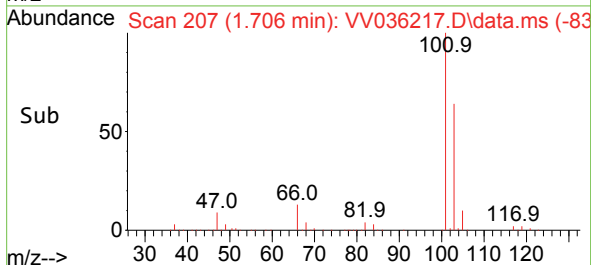
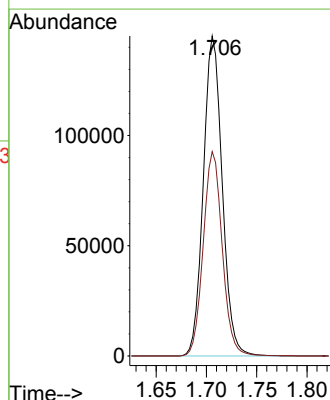
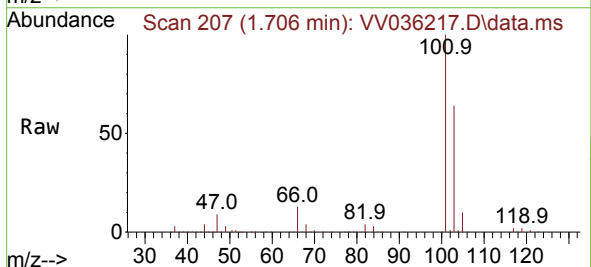
Instrument :
MSVOA_V
ClientSampleId :

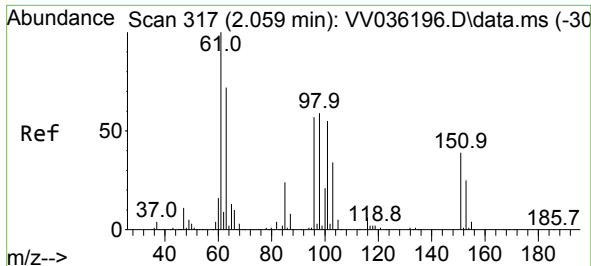
Tgt Ion: 64 Resp: 92388
Ion Ratio Lower Upper
64 100
66 32.5 22.0 41.0



#9
Trichlorofluoromethane
Concen: 26.692 ug/L
RT: 1.706 min Scan# 207
Delta R.T. -0.000 min
Lab File: VV036217.D
Acq: 21 Jun 2024 19:32

Tgt Ion:101 Resp: 190102
Ion Ratio Lower Upper
101 100
103 64.1 51.8 77.8

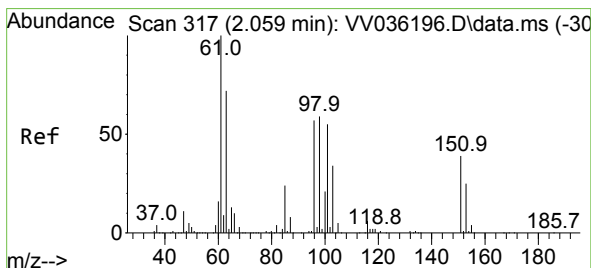
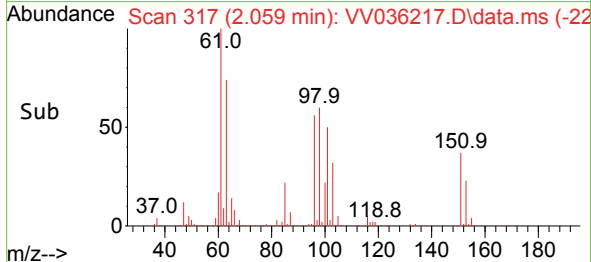
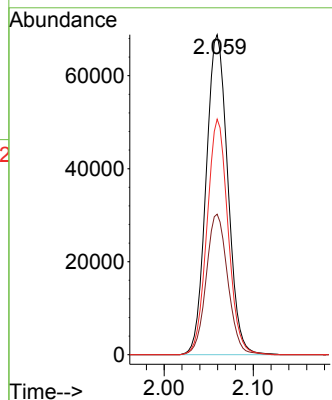
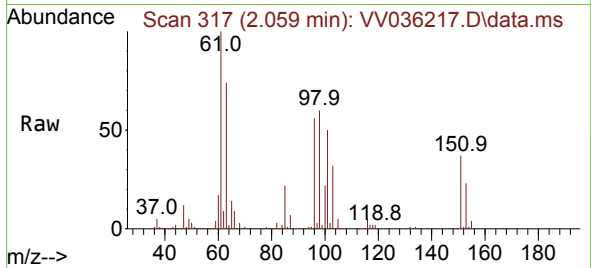




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.677 ug/L
 RT: 2.059 min Scan# 317
 Delta R.T. -0.000 min
 Lab File: VV036217.D
 Acq: 21 Jun 2024 19:32

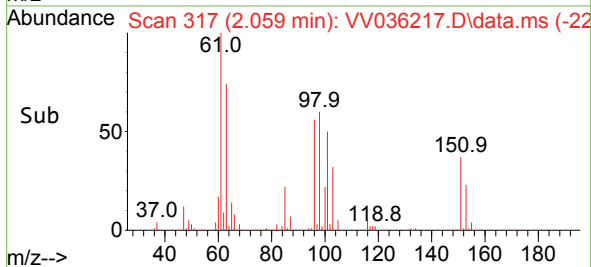
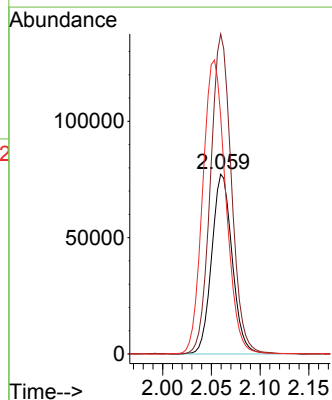
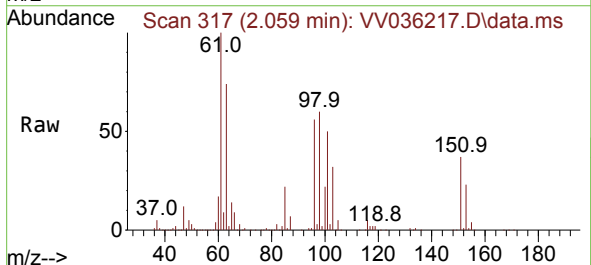
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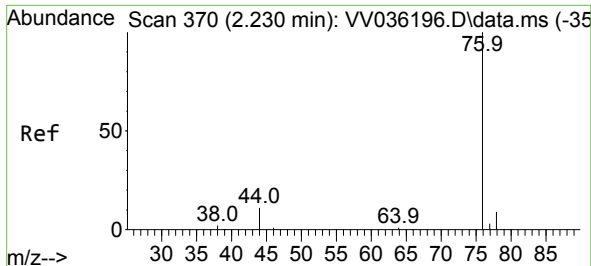
Tgt Ion:101 Resp: 116059
 Ion Ratio Lower Upper
 101 100
 85 44.0 34.5 51.7
 151 71.7 56.3 84.5



#12
 1,1-Dichloroethene
 Concen: 26.832 ug/L
 RT: 2.059 min Scan# 317
 Delta R.T. -0.000 min
 Lab File: VV036217.D
 Acq: 21 Jun 2024 19:32

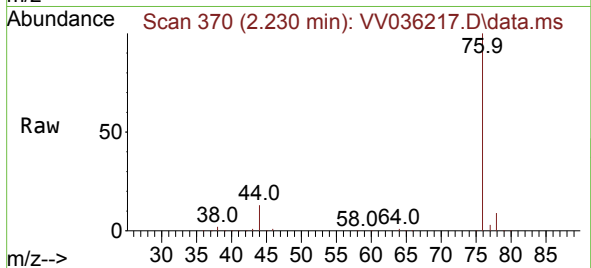
Tgt Ion: 96 Resp: 113113
 Ion Ratio Lower Upper
 96 100
 61 178.0 127.3 236.3
 63 132.3 93.7 173.9



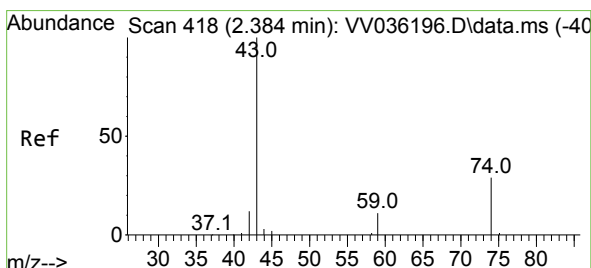
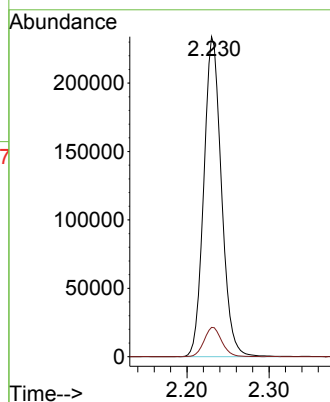
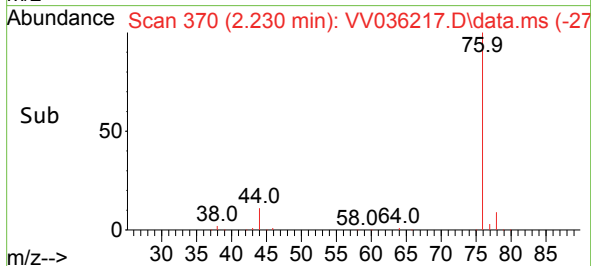


#14
Carbon disulfide
Concen: 23.882 ug/L
RT: 2.230 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV036217.D
Acq: 21 Jun 2024 19:32

Instrument :
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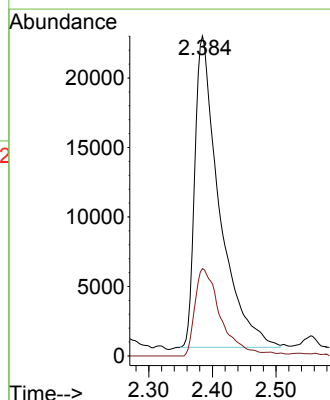
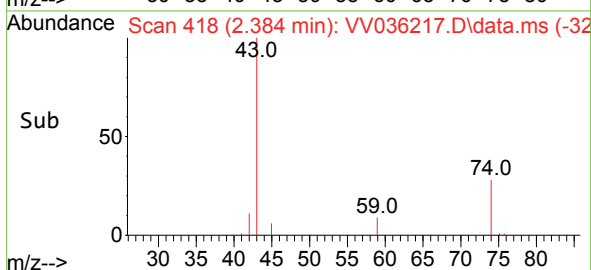
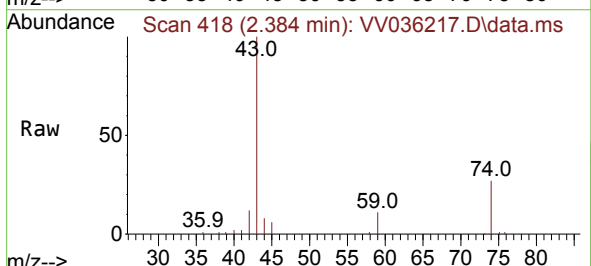


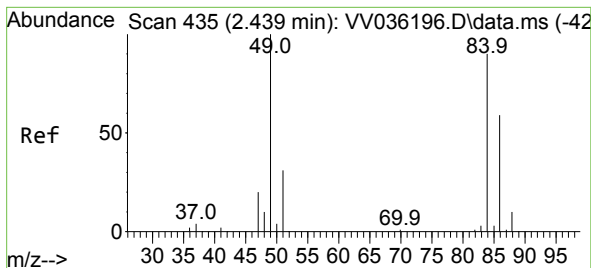
Tgt Ion: 76 Resp: 349612
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2



#15
Methyl Acetate
Concen: 27.893 ug/L
RT: 2.384 min Scan# 418
Delta R.T. -0.000 min
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Tgt Ion: 43 Resp: 59971
Ion Ratio Lower Upper
43 100
74 29.0 21.4 32.2





#16

Methylene chloride

Concen: 27.014 ug/L

RT: 2.439 min Scan# 41

Delta R.T. -0.000 min

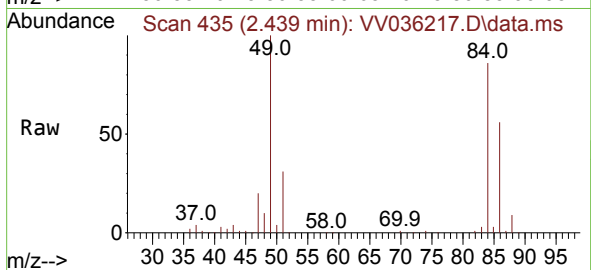
Lab File: VV036217.D

Acq: 21 Jun 2024 19:32

Instrument :

MSVOA_V

ClientSampleId :



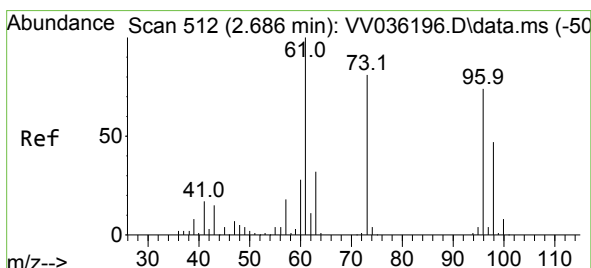
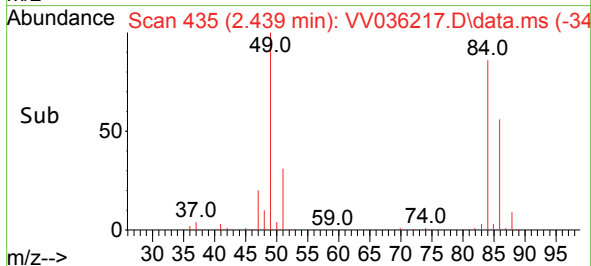
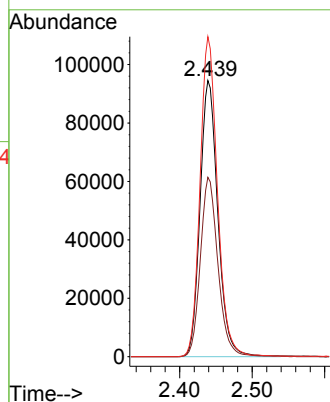
Tgt Ion: 84 Resp: 160919

Ion Ratio Lower Upper

84 100

86 64.9 44.6 82.8

49 115.9 81.1 150.5



#17

trans-1,2-Dichloroethene

Concen: 25.725 ug/L

RT: 2.686 min Scan# 512

Delta R.T. -0.000 min

Lab File: VV036217.D

Acq: 21 Jun 2024 19:32

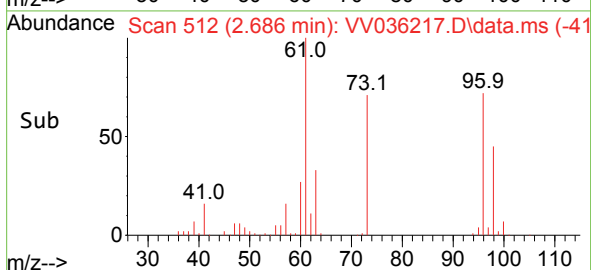
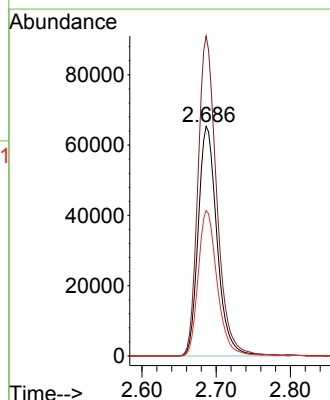
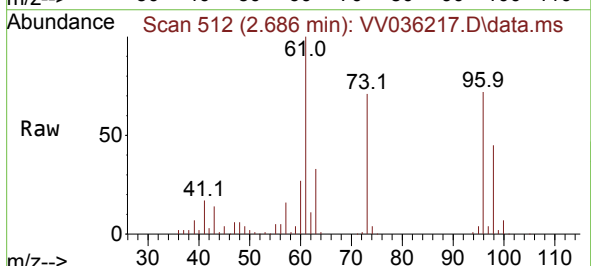
Tgt Ion: 96 Resp: 115201

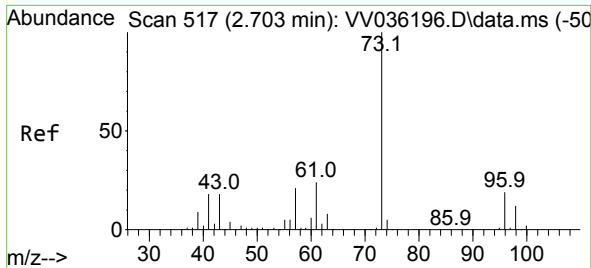
Ion Ratio Lower Upper

96 100

61 139.4 99.4 184.6

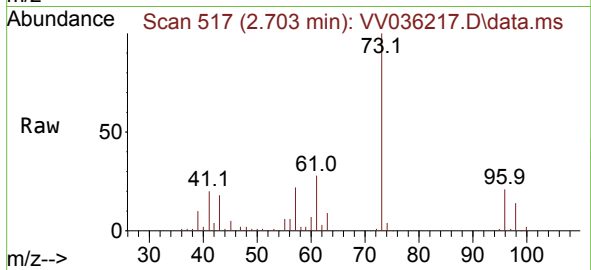
98 63.4 44.9 83.3



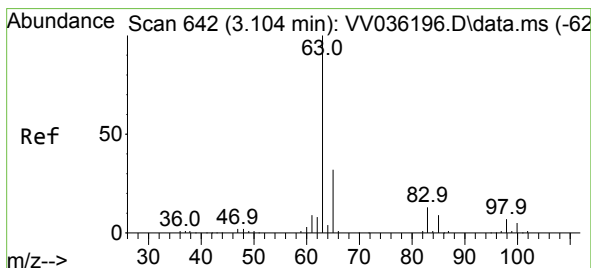
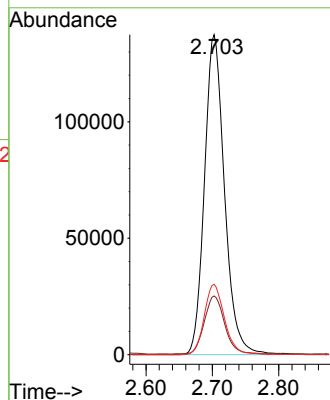
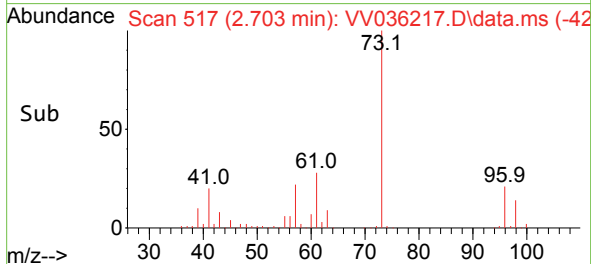


#18
Methyl tert-butyl Ether
Concen: 28.687 ug/L
RT: 2.703 min Scan# 517
Delta R.T. -0.000 min
Lab File: VV036217.D
Acq: 21 Jun 2024 19:32

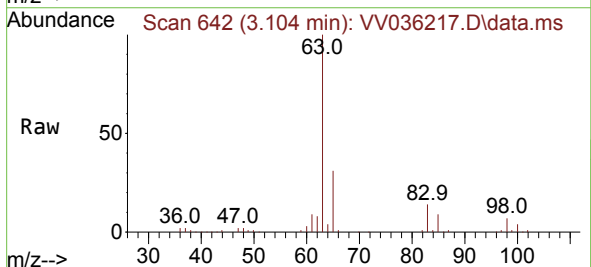
Instrument :
MSVOA_V
ClientSampleId :



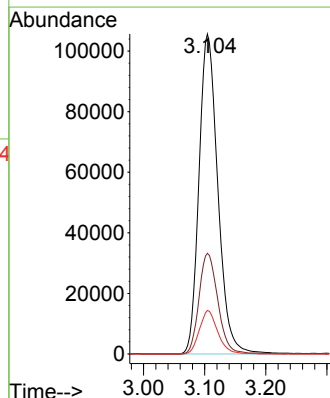
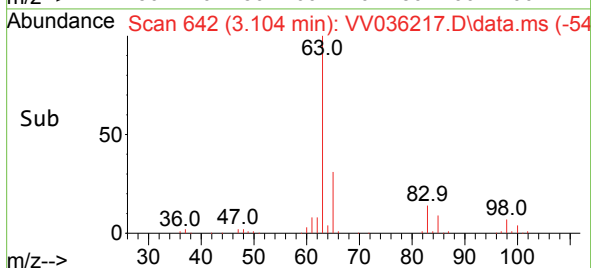
Tgt Ion: 73 Resp: 288397
Ion Ratio Lower Upper
73 100
43 18.2 14.3 21.5
57 22.2 17.8 26.6

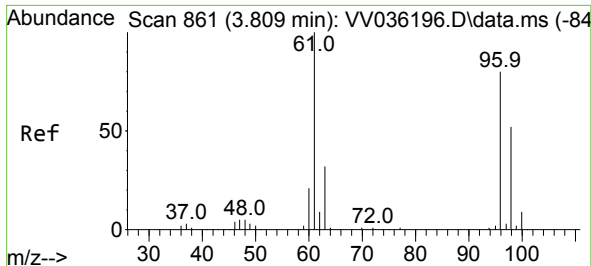


#19
1,1-Dichloroethane
Concen: 26.552 ug/L
RT: 3.104 min Scan# 642
Delta R.T. 0.003 min
Lab File: VV036217.D
Acq: 21 Jun 2024 19:32



Tgt Ion: 63 Resp: 226441
Ion Ratio Lower Upper
63 100
65 31.4 22.4 41.6
83 13.6 9.2 17.0

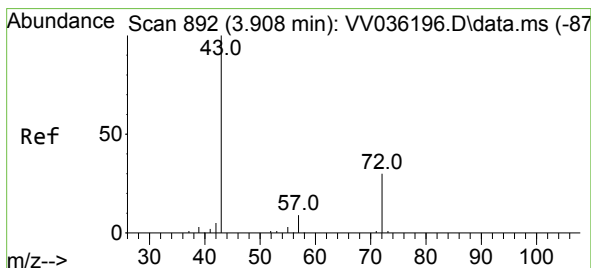
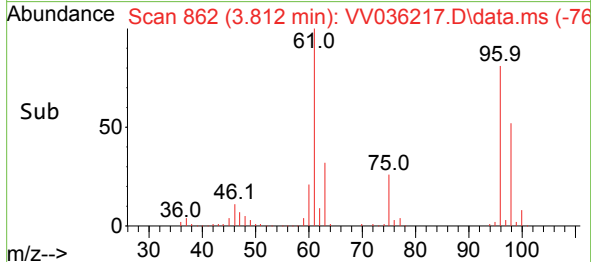
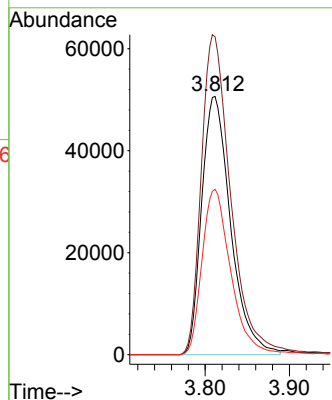
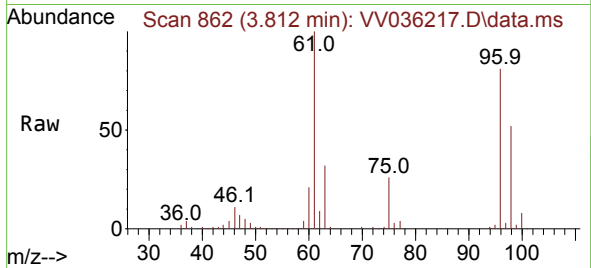




#20
cis-1,2-Dichloroethene
Concen: 26.907 ug/L
RT: 3.812 min Scan# 861
Delta R.T. 0.003 min
Lab File: VV036217.D
Acq: 21 Jun 2024 19:32

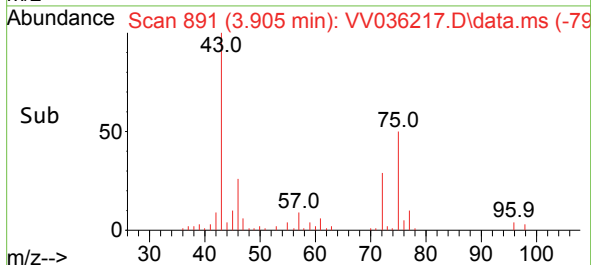
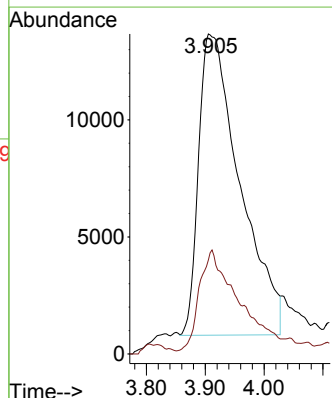
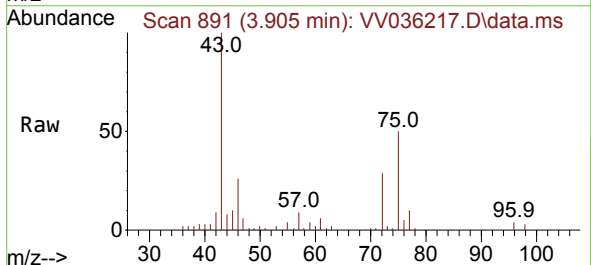
Instrument :
MSVOA_V
ClientSampleId :

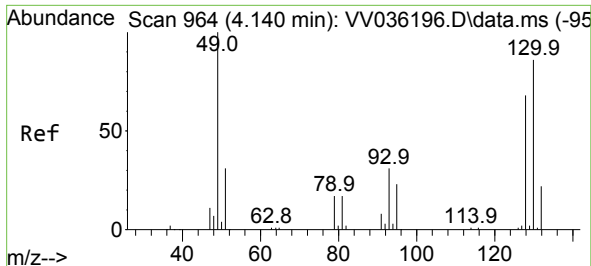
Tgt Ion: 96 Resp: 121076
Ion Ratio Lower Upper
96 100
61 123.1 87.9 163.3
98 64.0 44.4 82.5



#22
2-Butanone
Concen: 42.770 ug/L
RT: 3.905 min Scan# 891
Delta R.T. -0.003 min
Lab File: VV036217.D
Acq: 21 Jun 2024 19:32

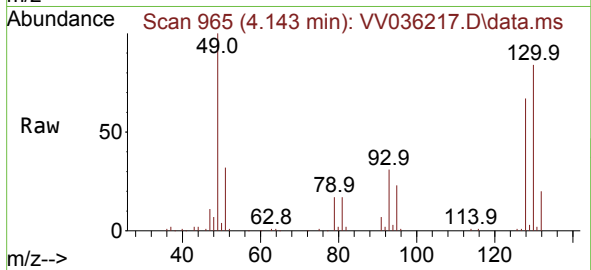
Tgt Ion: 43 Resp: 62776
Ion Ratio Lower Upper
43 100
72 19.9 8.2 24.4



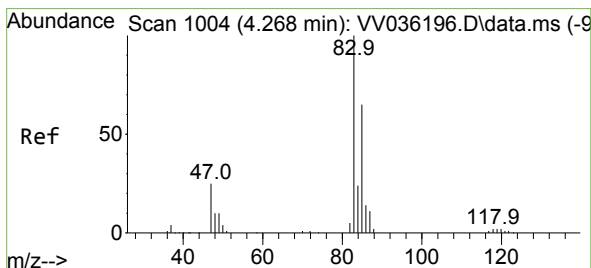
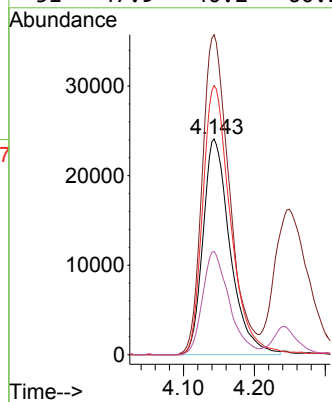
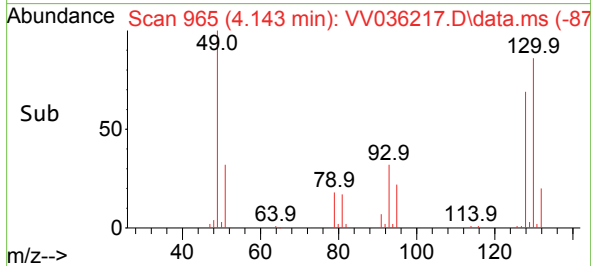


#23
Bromochloromethane
Concen: 28.307 ug/L
RT: 4.143 min Scan# 964
Delta R.T. 0.003 min
Lab File: VV036217.D
Acq: 21 Jun 2024 19:32

Instrument :
MSVOA_V
ClientSampleId :

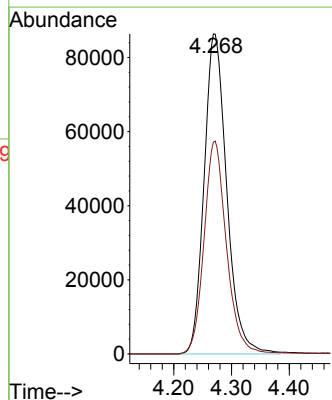
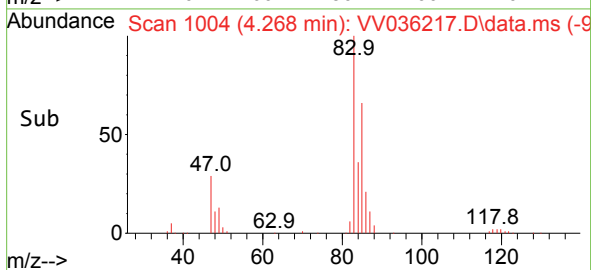
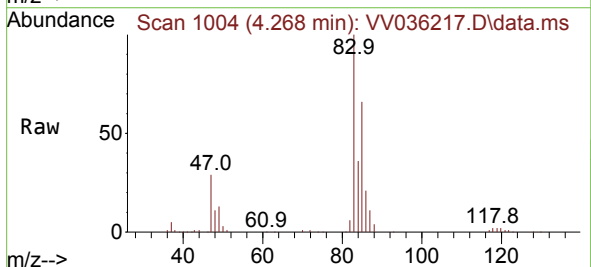


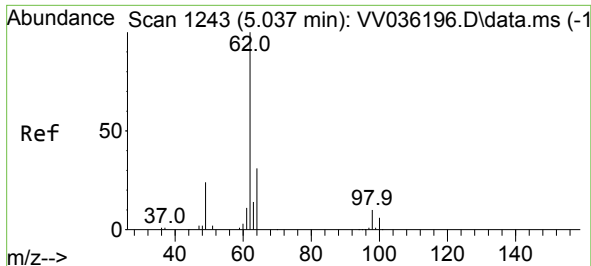
Tgt Ion:128 Resp: 63892
Ion Ratio Lower Upper
128 100
49 148.3 110.2 204.6
130 124.8 90.2 167.4
51 47.9 40.2 60.2



#25
Chloroform
Concen: 26.828 ug/L
RT: 4.268 min Scan# 1004
Delta R.T. -0.000 min
Lab File: VV036217.D
Acq: 21 Jun 2024 19:32

Tgt Ion: 83 Resp: 235355
Ion Ratio Lower Upper
83 100
85 66.2 45.2 84.0

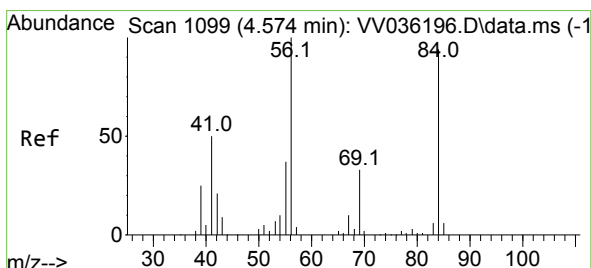
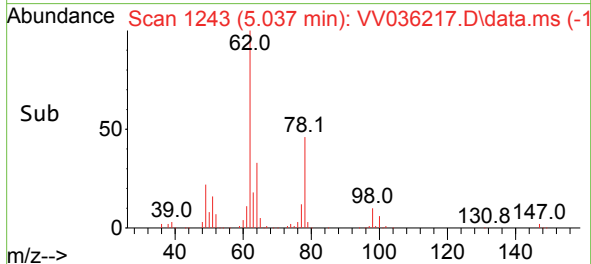
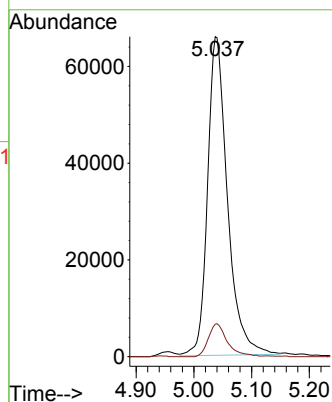
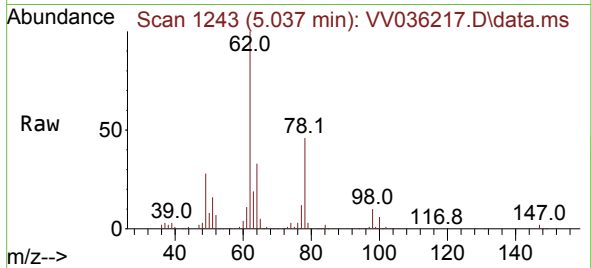




#27
1,2-Dichloroethane
Concen: 28.823 ug/L
RT: 5.037 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VV036217.D
Acq: 21 Jun 2024 19:32

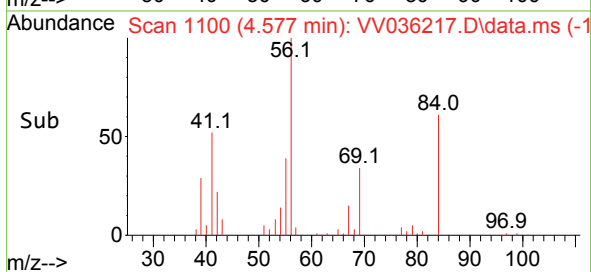
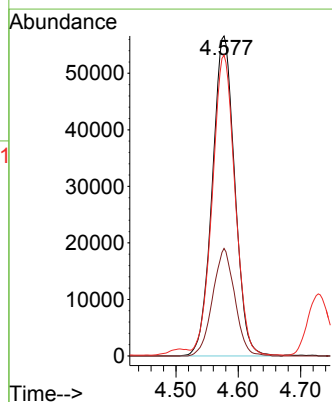
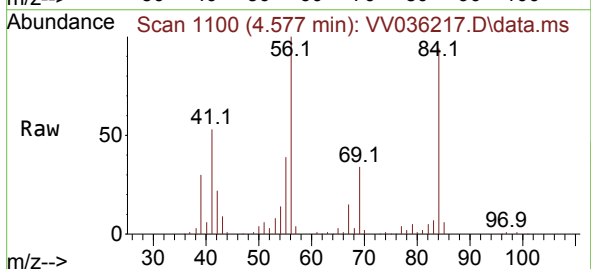
Instrument :
MSVOA_V
ClientSampleId :

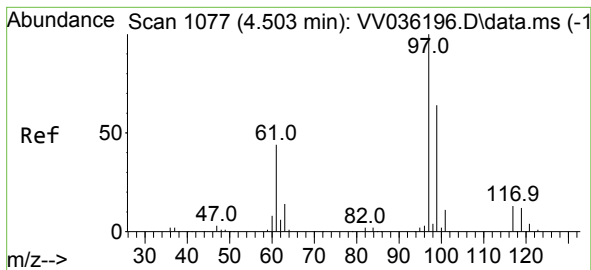
Tgt Ion: 62 Resp: 157859
Ion Ratio Lower Upper
62 100
98 10.1 7.8 11.6



#29
Cyclohexane
Concen: 22.343 ug/L
RT: 4.577 min Scan# 1100
Delta R.T. 0.003 min
Lab File: VV036217.D
Acq: 21 Jun 2024 19:32

Tgt Ion: 56 Resp: 141767
Ion Ratio Lower Upper
56 100
69 33.0 25.2 37.8
84 94.4 72.2 108.2





#30

1,1,1-Trichloroethane

Concen: 26.476 ug/L

RT: 4.506 min Scan# 1107

Delta R.T. 0.003 min

Lab File: VV036217.D

Acq: 21 Jun 2024 19:32

Instrument :

MSVOA_V

ClientSampleId :

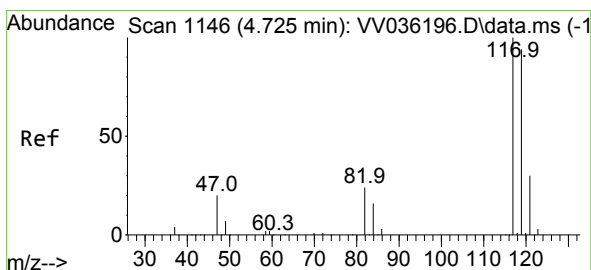
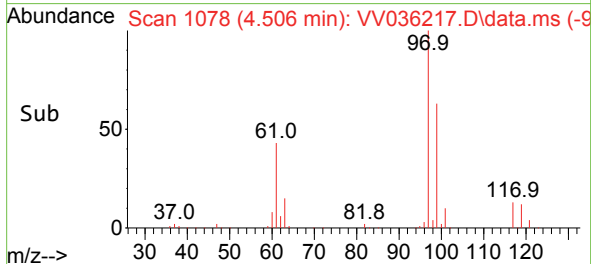
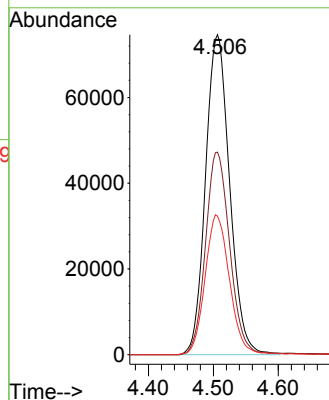
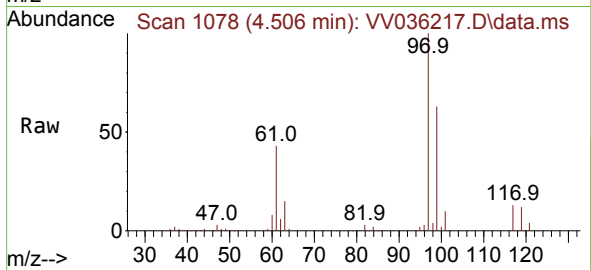
Tgt Ion: 97 Resp: 192888

Ion Ratio Lower Upper

97 100

99 63.4 50.9 76.3

61 44.4 35.0 52.6



#31

Carbon tetrachloride

Concen: 25.669 ug/L

RT: 4.728 min Scan# 1147

Delta R.T. 0.003 min

Lab File: VV036217.D

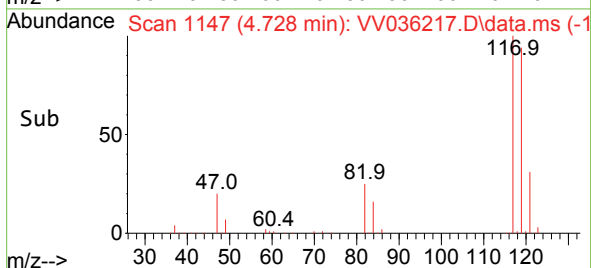
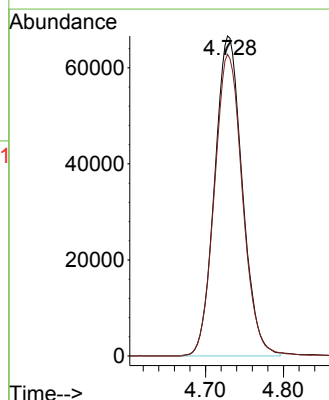
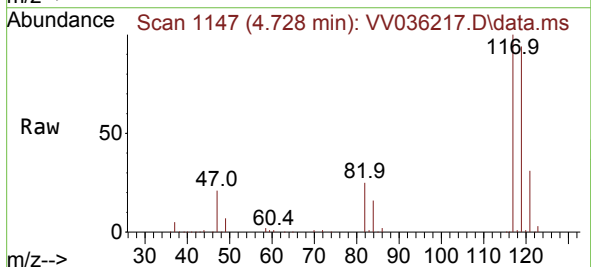
Acq: 21 Jun 2024 19:32

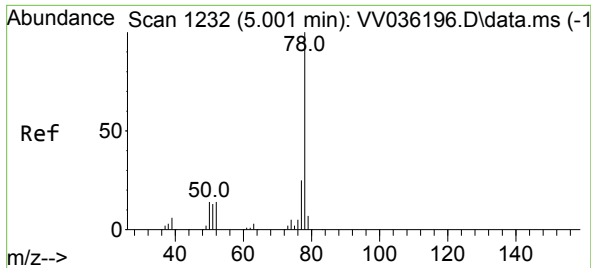
Tgt Ion: 117 Resp: 164064

Ion Ratio Lower Upper

117 100

119 96.0 76.8 115.2

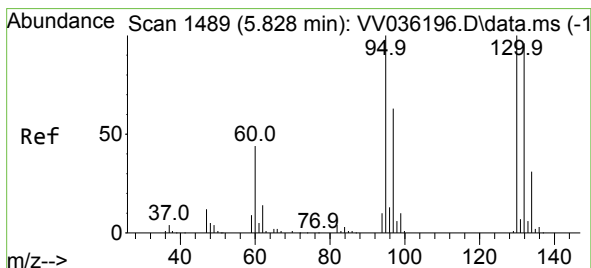
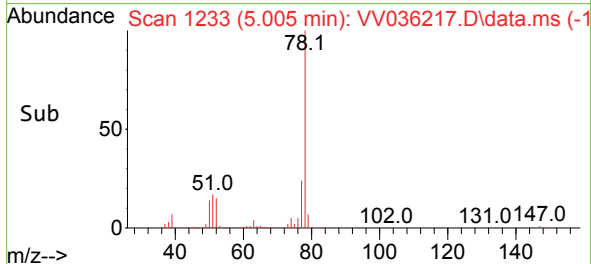
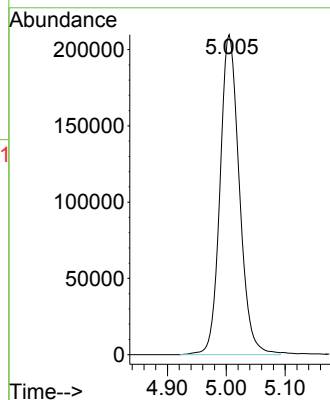
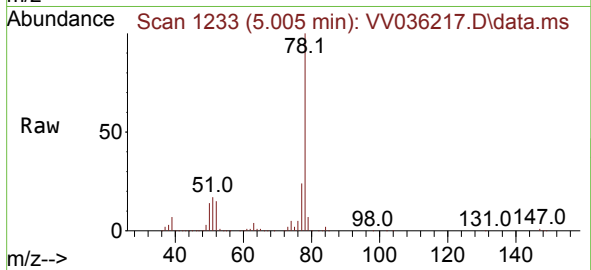




#33
Benzene
Concen: 27.455 ug/L
RT: 5.005 min Scan# 1233
Delta R.T. 0.003 min
Lab File: VV036217.D
Acq: 21 Jun 2024 19:32

Instrument :
MSVOA_V
ClientSampleId :

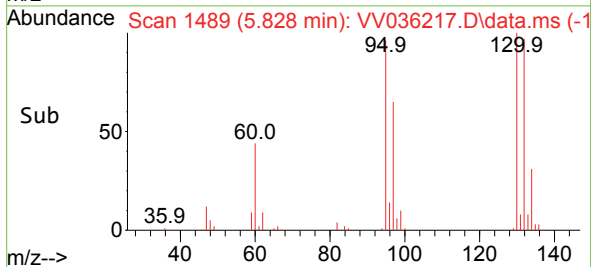
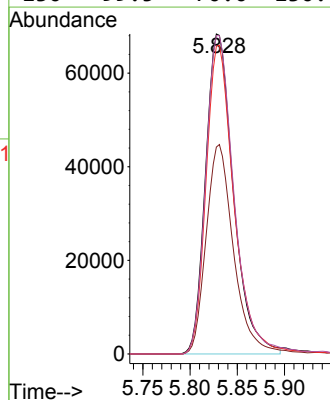
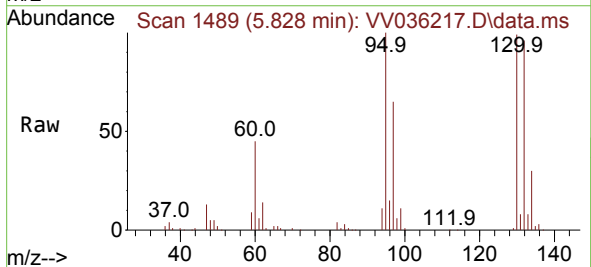
Tgt Ion: 78 Resp: 478526

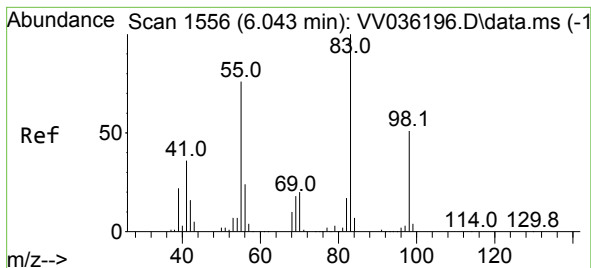


#34
Trichloroethene
Concen: 26.282 ug/L
RT: 5.828 min Scan# 1489
Delta R.T. 0.003 min
Lab File: VV036217.D
Acq: 21 Jun 2024 19:32

Tgt Ion: 95 Resp: 140392

Ion	Ratio	Lower	Upper
95	100		
97	64.7	44.8	83.2
132	96.1	66.8	124.2
130	99.5	70.0	130.0





#35

Methylcyclohexane

Concen: 22.619 ug/L

RT: 6.046 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV036217.D

Acq: 21 Jun 2024 19:32

Instrument :

MSVOA_V

ClientSampleId :

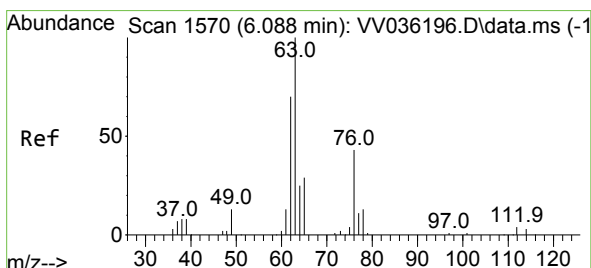
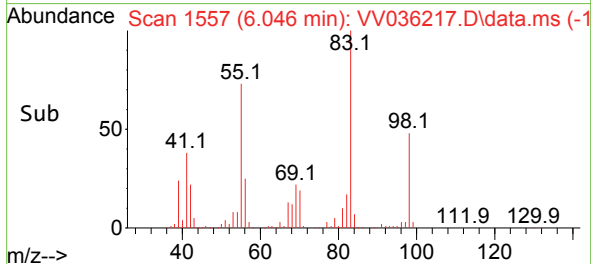
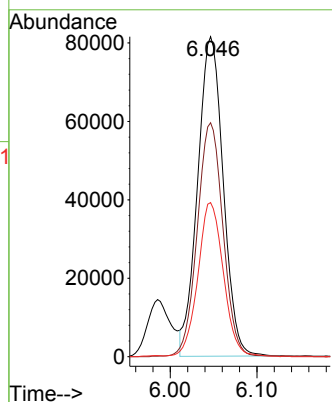
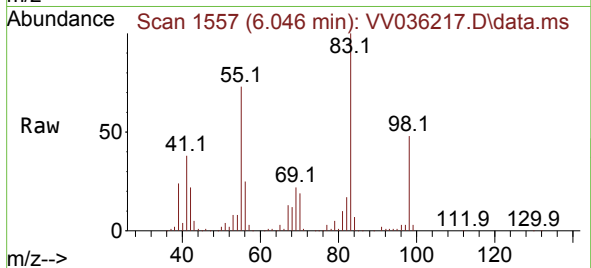
Tgt Ion: 83 Resp: 167093

Ion Ratio Lower Upper

83 100

55 73.8 60.7 91.1

98 48.3 38.7 58.1



#37

1,2-Dichloropropane

Concen: 28.211 ug/L

RT: 6.088 min Scan# 1570

Delta R.T. -0.000 min

Lab File: VV036217.D

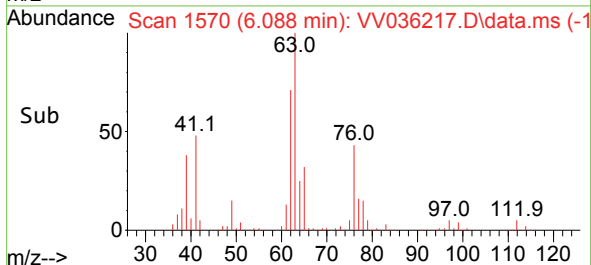
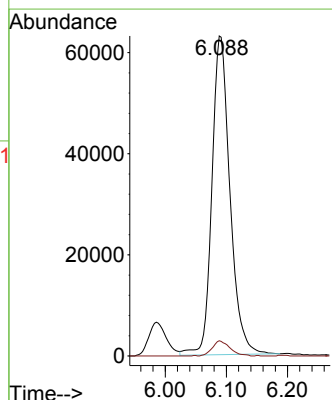
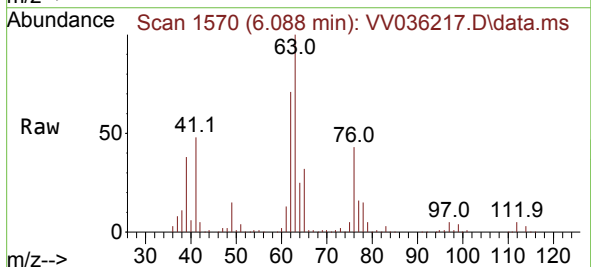
Acq: 21 Jun 2024 19:32

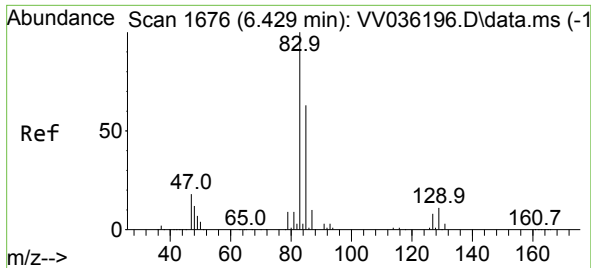
Tgt Ion: 63 Resp: 129108

Ion Ratio Lower Upper

63 100

112 4.7 3.5 5.3

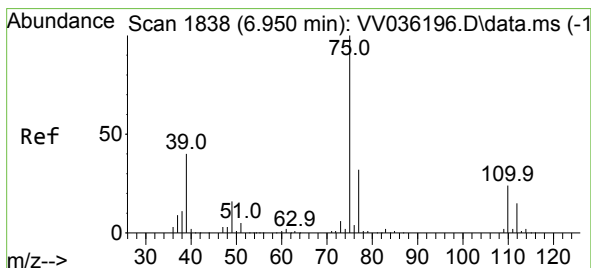
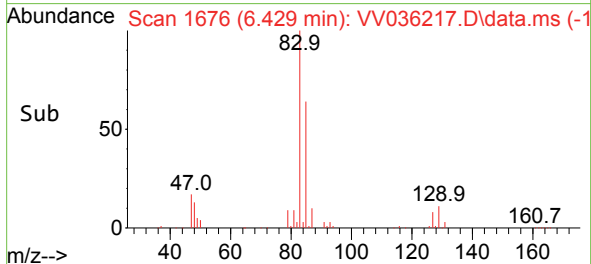
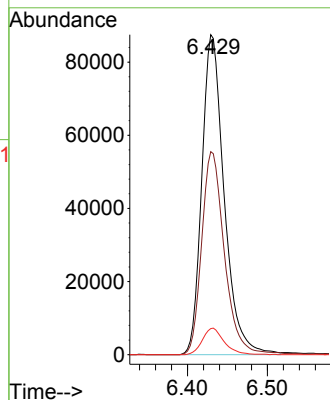
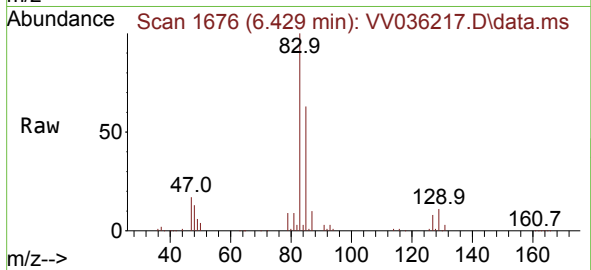




#38
Bromodichloromethane
Concen: 28.120 ug/L
RT: 6.429 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV036217.D
Acq: 21 Jun 2024 19:32

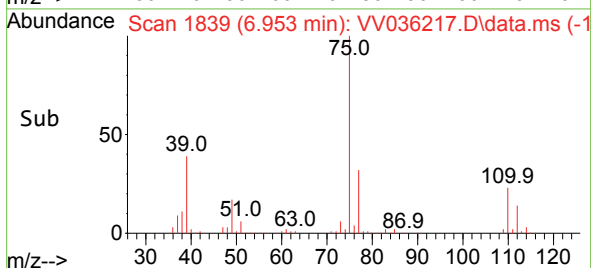
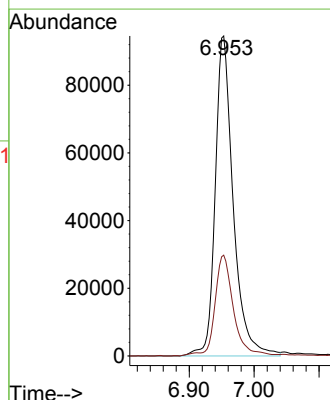
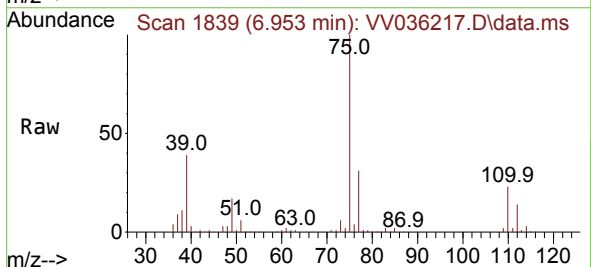
Instrument :
MSVOA_V
ClientSampleId :

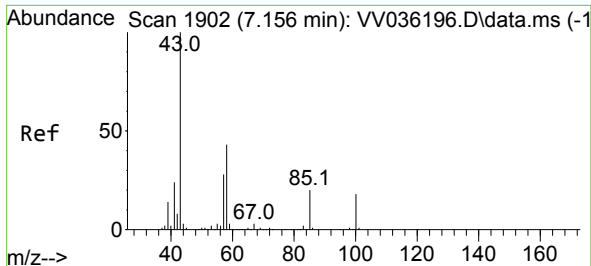
Tgt Ion: 83 Resp: 170335
Ion Ratio Lower Upper
83 100
85 63.4 45.3 84.1
127 8.2 6.7 10.1



#39
cis-1,3-Dichloropropene
Concen: 26.543 ug/L
RT: 6.953 min Scan# 1839
Delta R.T. 0.003 min
Lab File: VV036217.D
Acq: 21 Jun 2024 19:32

Tgt Ion: 75 Resp: 181689
Ion Ratio Lower Upper
75 100
77 31.5 22.1 41.1

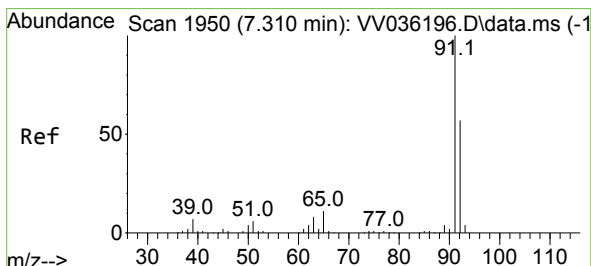
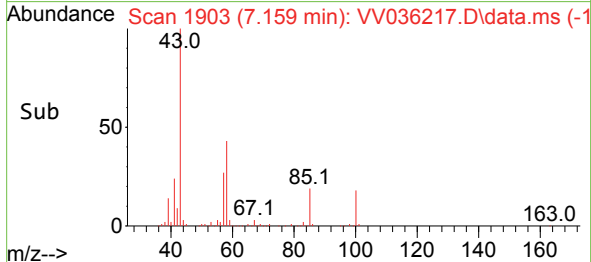
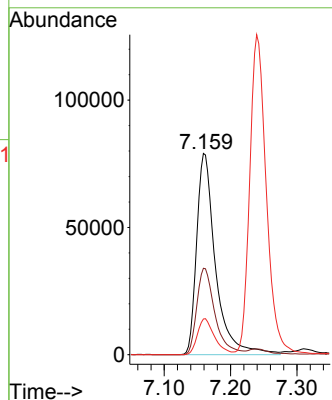
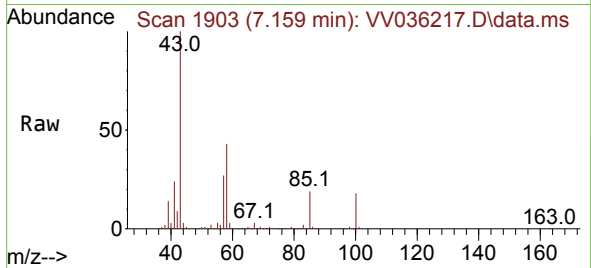




#40
4-Methyl-2-pentanone
Concen: 63.130 ug/L
RT: 7.159 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VV036217.D
Acq: 21 Jun 2024 19:32

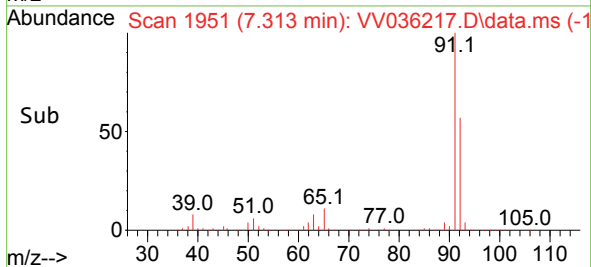
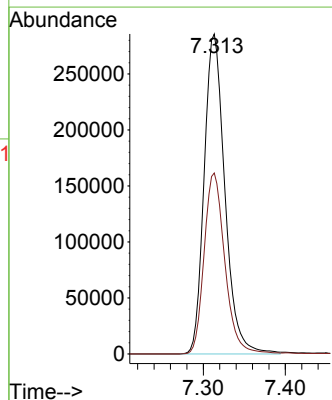
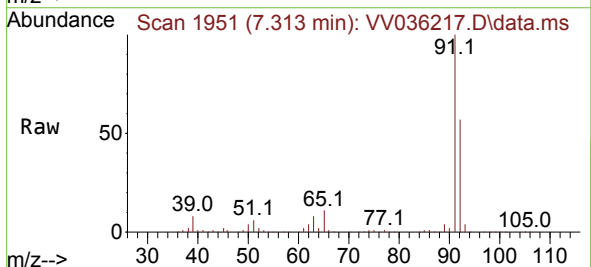
Instrument :
MSVOA_V
ClientSampleId :

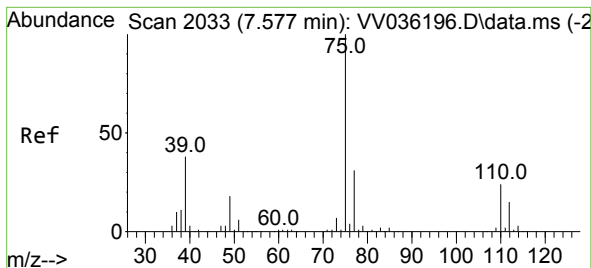
Tgt Ion: 43 Resp: 156972
Ion Ratio Lower Upper
43 100
58 41.3 32.5 48.7
100 16.3 12.5 18.7



#42
Toluene
Concen: 28.199 ug/L
RT: 7.313 min Scan# 1951
Delta R.T. 0.003 min
Lab File: VV036217.D
Acq: 21 Jun 2024 19:32

Tgt Ion: 91 Resp: 502223
Ion Ratio Lower Upper
91 100
92 56.6 40.6 75.4





#44

trans-1,3-Dichloropropene

Concen: 28.299 ug/L

RT: 7.580 min Scan# 2033

Delta R.T. 0.003 min

Lab File: VV036217.D

Acq: 21 Jun 2024 19:32

Instrument :

MSVOA_V

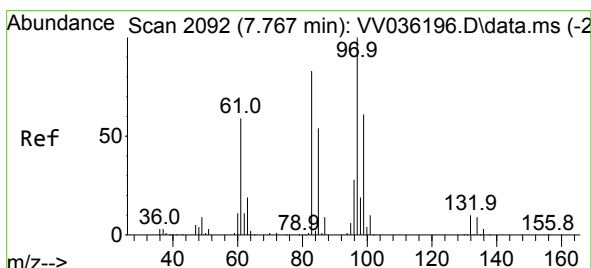
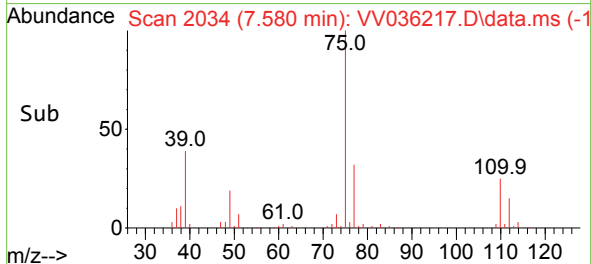
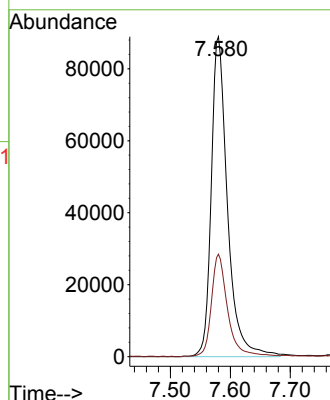
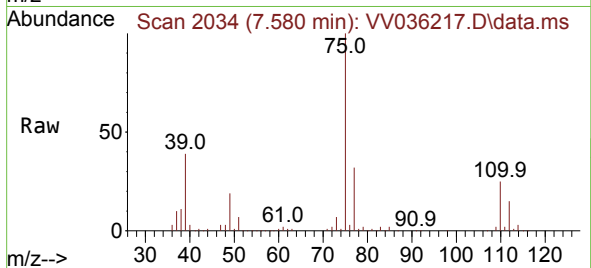
ClientSampleId :

Tgt Ion: 75 Resp: 167315

Ion Ratio Lower Upper

75 100

77 32.0 23.1 42.9



#45

1,1,2-Trichloroethane

Concen: 28.209 ug/L

RT: 7.767 min Scan# 2092

Delta R.T. -0.000 min

Lab File: VV036217.D

Acq: 21 Jun 2024 19:32

Tgt Ion: 97 Resp: 106820

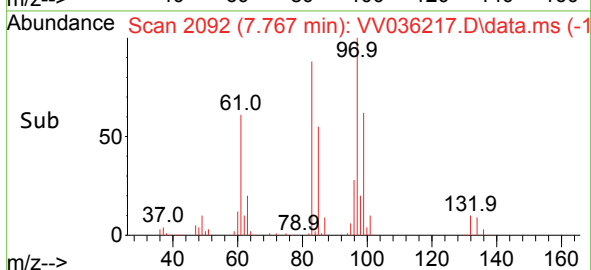
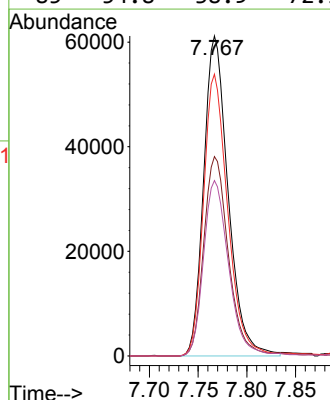
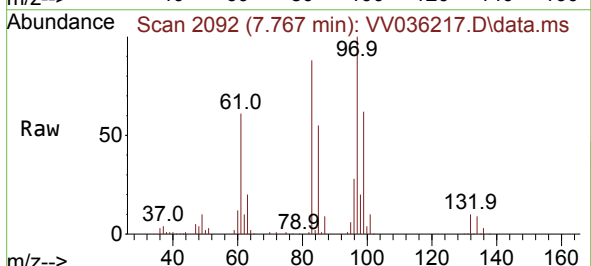
Ion Ratio Lower Upper

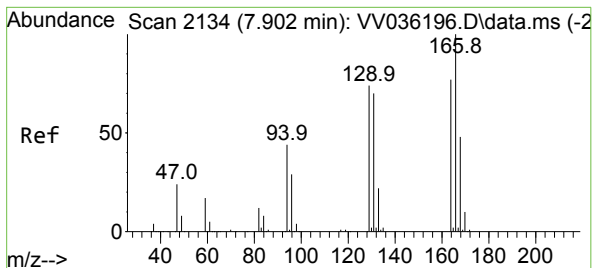
97 100

99 62.3 43.3 80.5

83 88.1 60.1 111.7

85 54.8 38.9 72.3





#46

Tetrachloroethene

Concen: 23.914 ug/L

RT: 7.902 min Scan# 2134

Delta R.T. -0.000 min

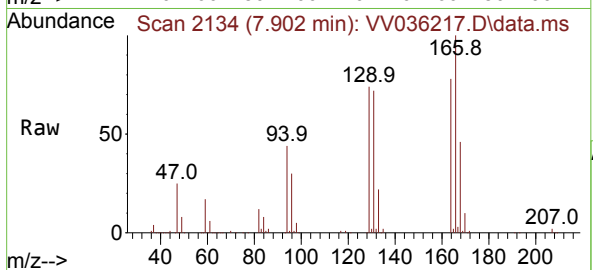
Lab File: VV036217.D

Acq: 21 Jun 2024 19:32

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 93428

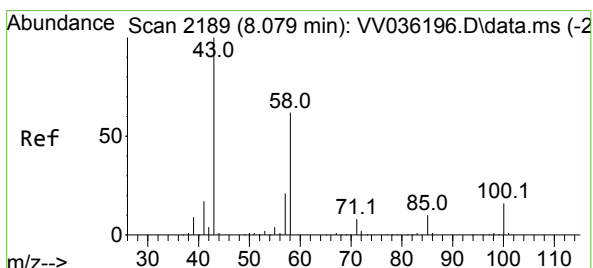
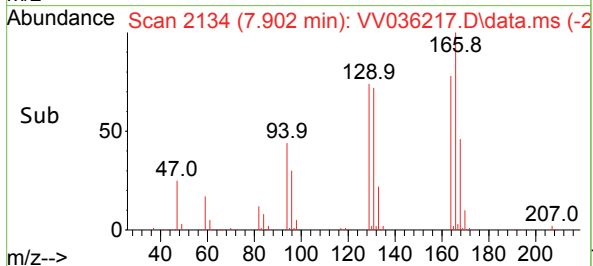
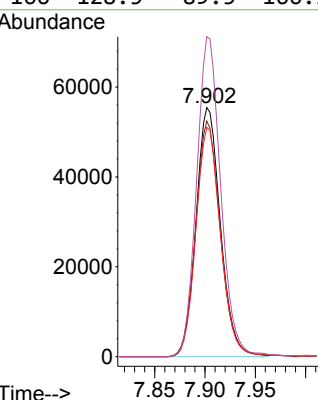
Ion Ratio Lower Upper

164 100

129 94.6 64.6 120.0

131 92.0 63.2 117.4

166 128.5 89.5 166.3



#48

2-Hexanone

Concen: 57.617 ug/L

RT: 8.079 min Scan# 2189

Delta R.T. -0.000 min

Lab File: VV036217.D

Acq: 21 Jun 2024 19:32

Tgt Ion: 43 Resp: 112000

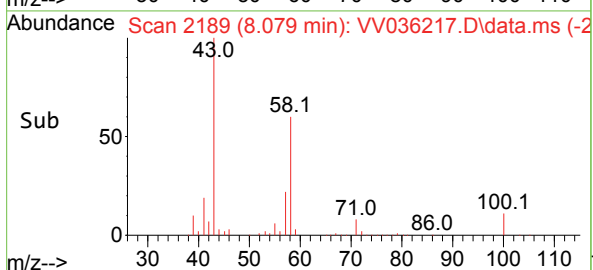
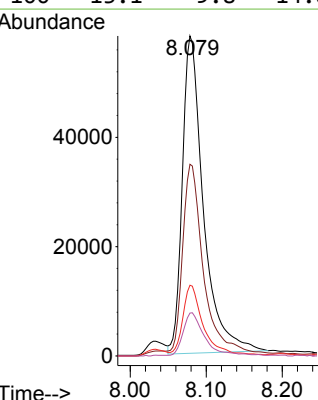
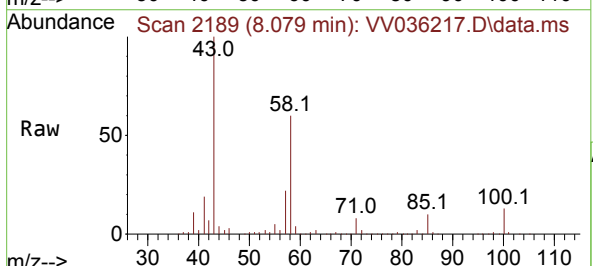
Ion Ratio Lower Upper

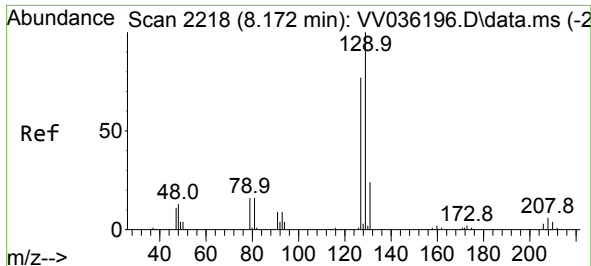
43 100

58 59.2 45.4 68.0

57 21.5 15.8 23.8

100 13.1 9.8 14.8





#49

Dibromochloromethane

Concen: 28.749 ug/L

RT: 8.175 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV036217.D

Acq: 21 Jun 2024 19:32

Instrument :

MSVOA_V

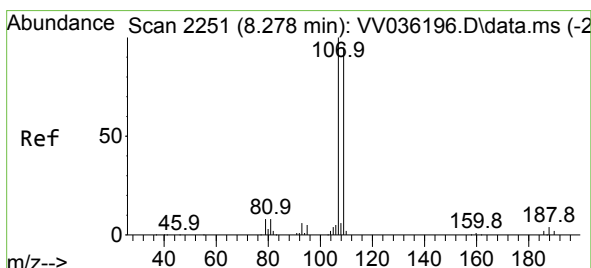
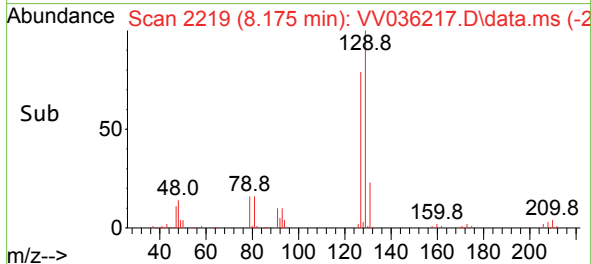
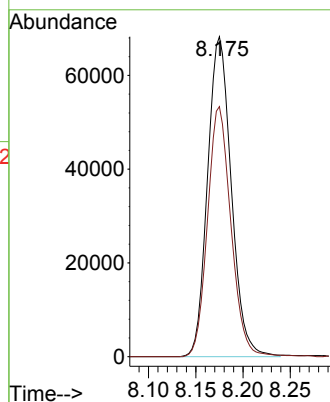
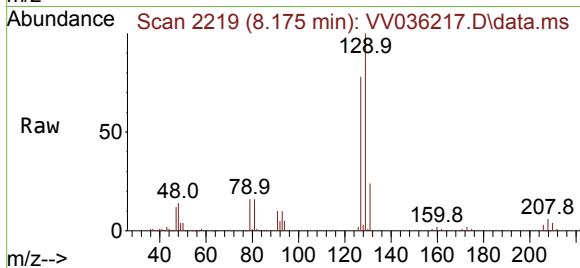
ClientSampleId :

Tgt Ion:129 Resp: 119146

Ion Ratio Lower Upper

129 100

127 78.1 53.9 100.1



#50

1,2-Dibromoethane

Concen: 29.406 ug/L

RT: 8.281 min Scan# 2252

Delta R.T. 0.003 min

Lab File: VV036217.D

Acq: 21 Jun 2024 19:32

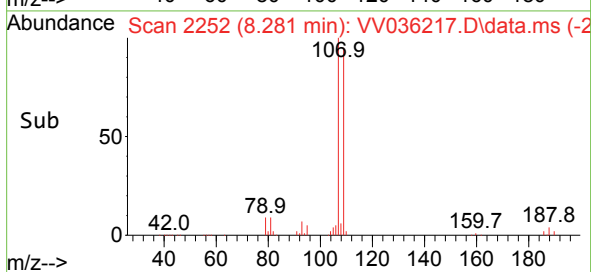
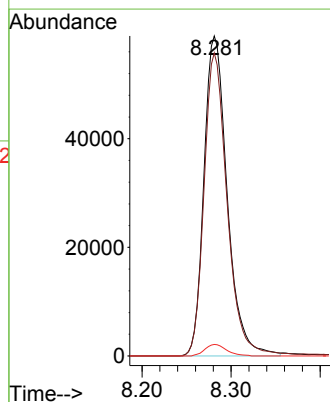
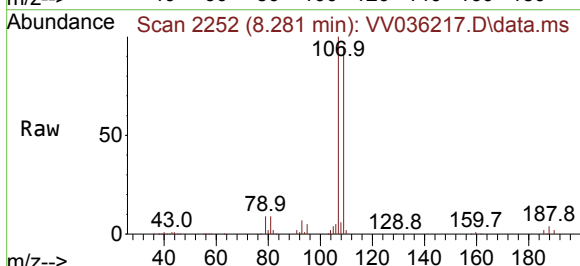
Tgt Ion:107 Resp: 106844

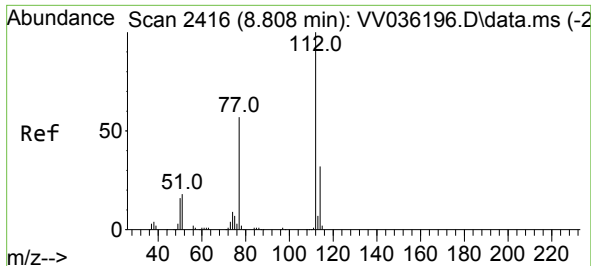
Ion Ratio Lower Upper

107 100

109 94.7 66.1 122.7

188 3.6 3.0 4.6

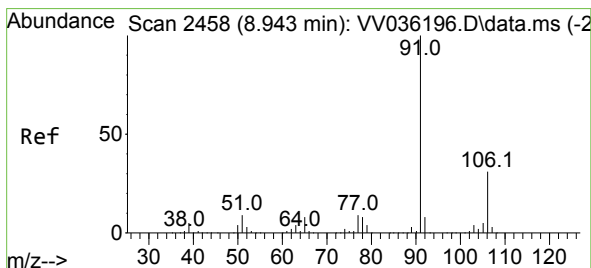
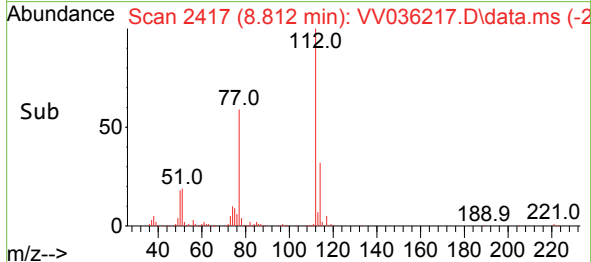
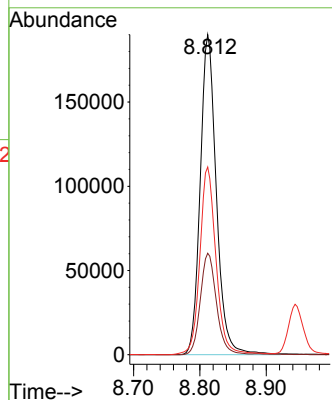
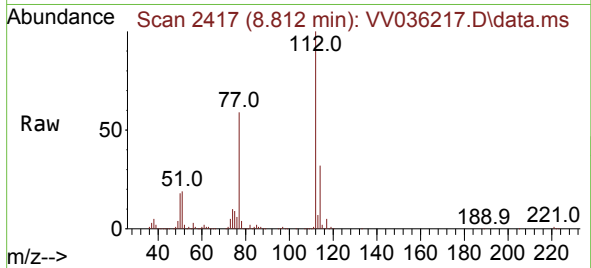




#51
Chlorobenzene
Concen: 26.510 ug/L
RT: 8.812 min Scan# 2416
Delta R.T. 0.003 min
Lab File: VV036217.D
Acq: 21 Jun 2024 19:32

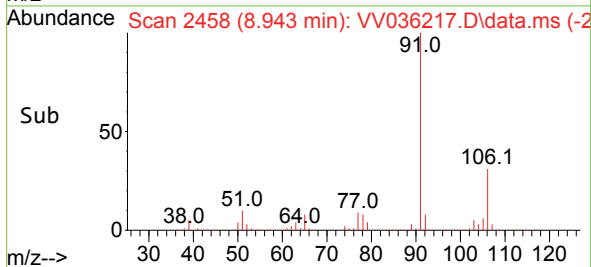
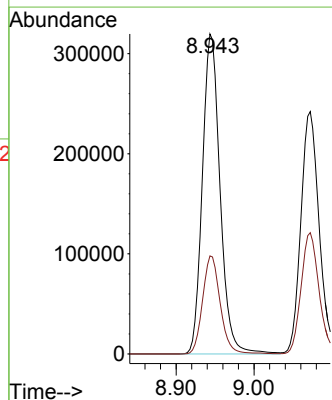
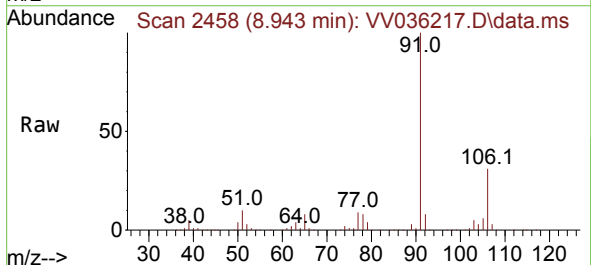
Instrument :
MSVOA_V
ClientSampleId :

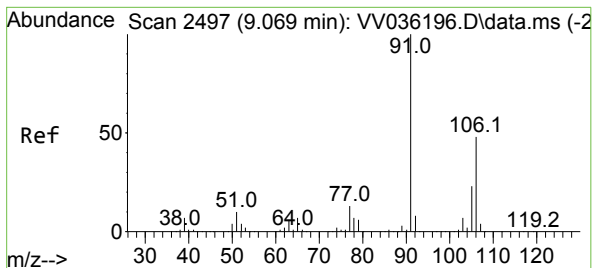
Tgt Ion:112 Resp: 321690
Ion Ratio Lower Upper
112 100
114 31.7 22.3 41.5
77 58.7 47.3 70.9



#52
Ethylbenzene
Concen: 26.497 ug/L
RT: 8.943 min Scan# 2458
Delta R.T. -0.000 min
Lab File: VV036217.D
Acq: 21 Jun 2024 19:32

Tgt Ion: 91 Resp: 504885
Ion Ratio Lower Upper
91 100
106 30.6 21.6 40.0





#53

m,p-Xylene

Concen: 27.296 ug/L

RT: 9.072 min Scan# 2497

Delta R.T. 0.003 min

Lab File: VV036217.D

Acq: 21 Jun 2024 19:32

Instrument :

MSVOA_V

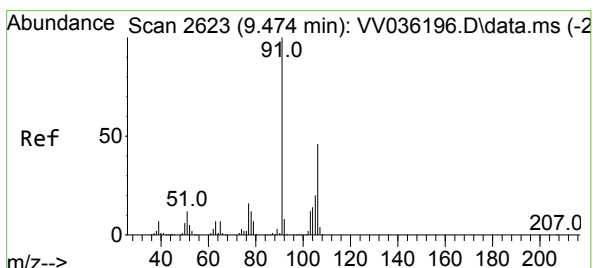
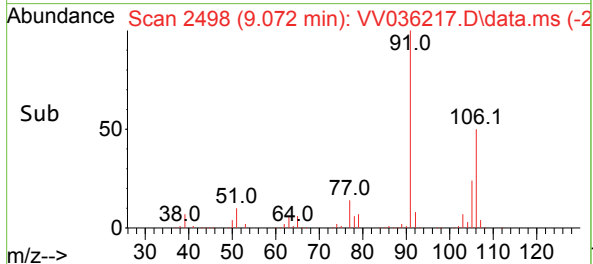
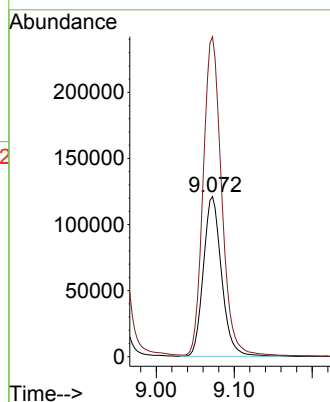
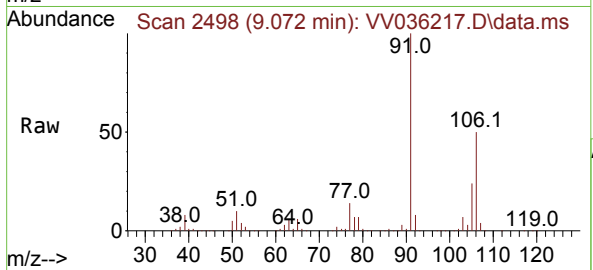
ClientSampleId :

Tgt Ion:106 Resp: 195432

Ion Ratio Lower Upper

106 100

91 199.8 143.1 265.9



#54

o-Xylene

Concen: 26.998 ug/L

RT: 9.477 min Scan# 2624

Delta R.T. 0.003 min

Lab File: VV036217.D

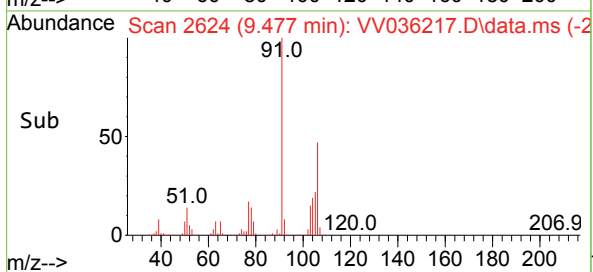
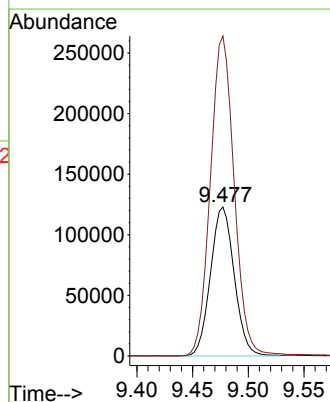
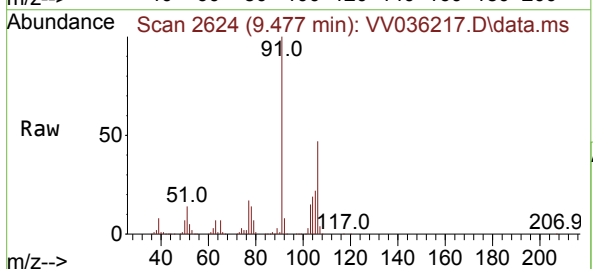
Acq: 21 Jun 2024 19:32

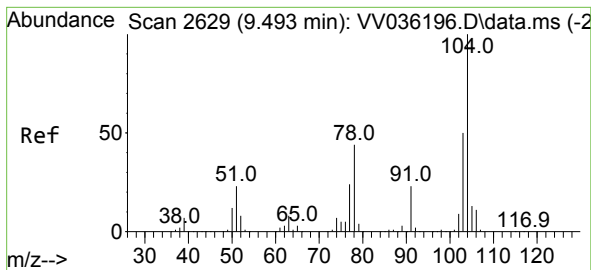
Tgt Ion:106 Resp: 182289

Ion Ratio Lower Upper

106 100

91 214.7 154.5 286.9





#55

Styrene

Concen: 28.778 ug/L

RT: 9.493 min Scan# 2

Delta R.T. -0.000 min

Lab File: VV036217.D

Acq: 21 Jun 2024 19:32

Instrument :

MSVOA_V

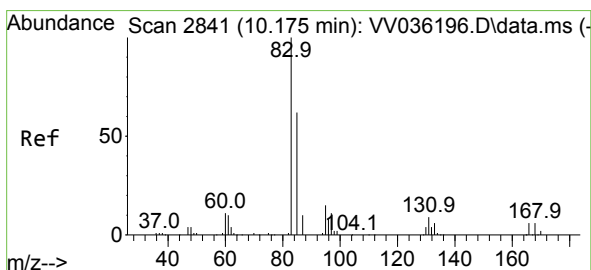
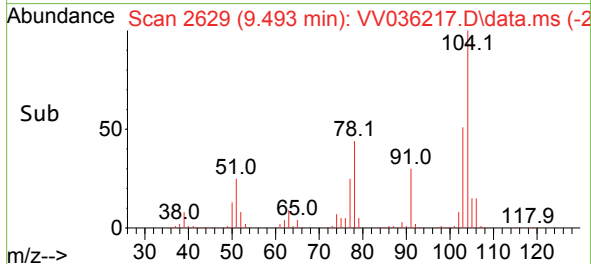
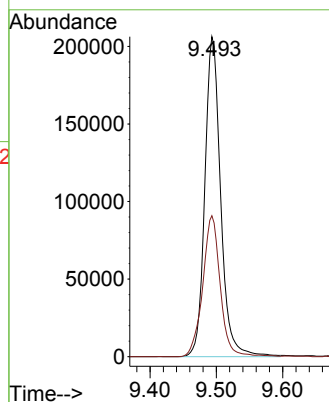
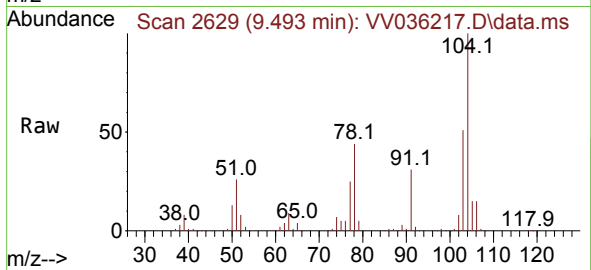
ClientSampleId :

Tgt Ion:104 Resp: 342647

Ion Ratio Lower Upper

104 100

78 44.1 31.4 58.2



#57

1,1,2,2-Tetrachloroethane

Concen: 29.760 ug/L

RT: 10.175 min Scan# 2841

Delta R.T. -0.000 min

Lab File: VV036217.D

Acq: 21 Jun 2024 19:32

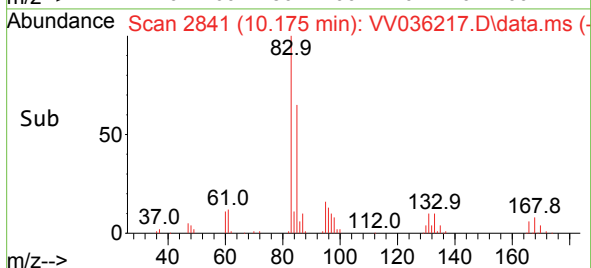
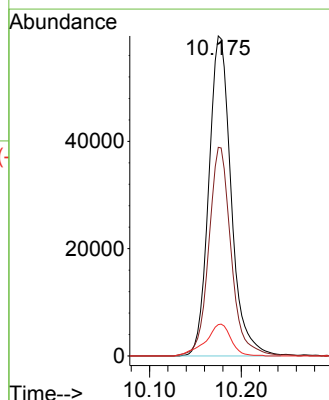
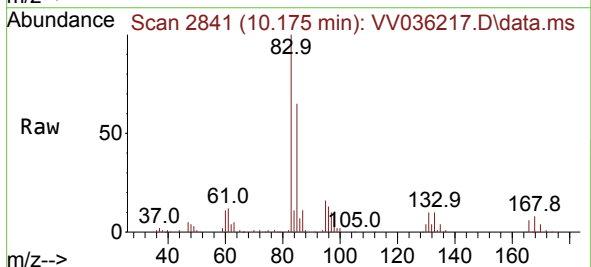
Tgt Ion: 83 Resp: 100906

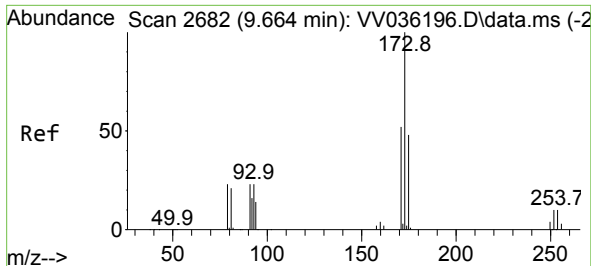
Ion Ratio Lower Upper

83 100

85 65.2 45.1 83.7

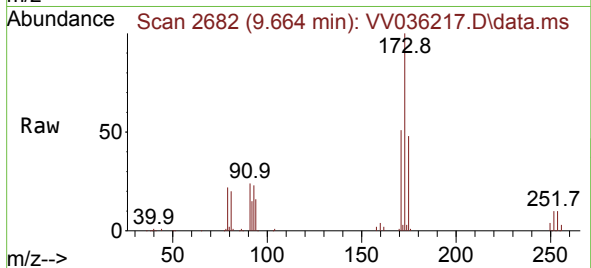
131 9.8 7.6 11.4



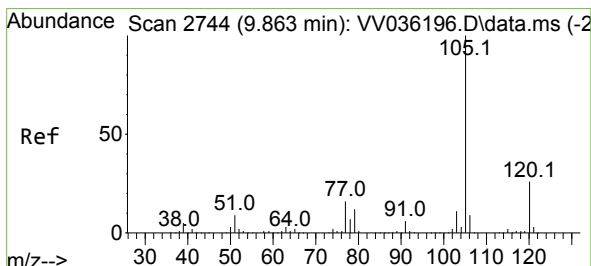
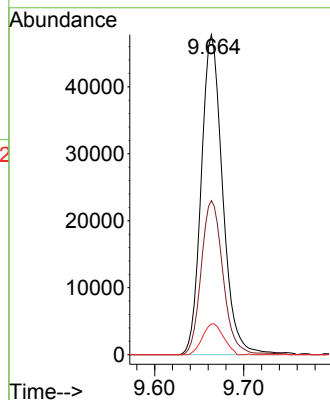
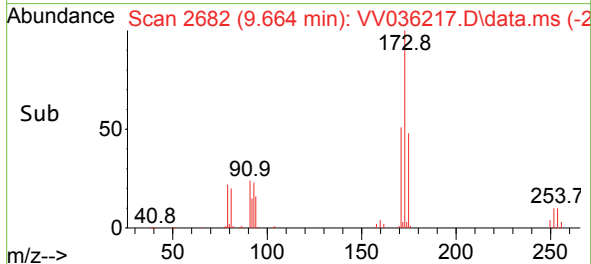


#59
Bromoform
Concen: 30.071 ug/L
RT: 9.664 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV036217.D
Acq: 21 Jun 2024 19:32

Instrument :
MSVOA_V
ClientSampleId :

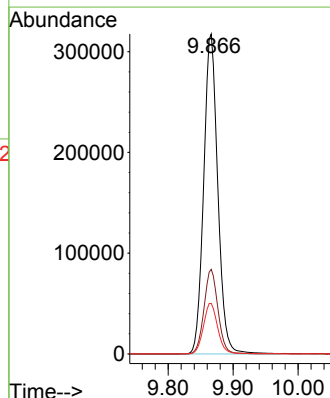
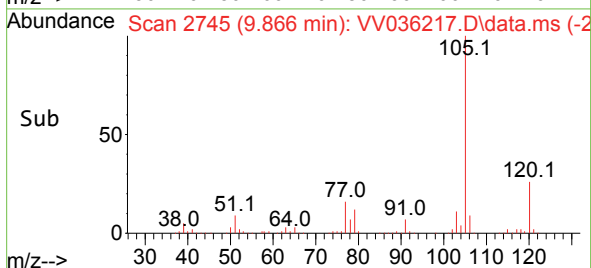
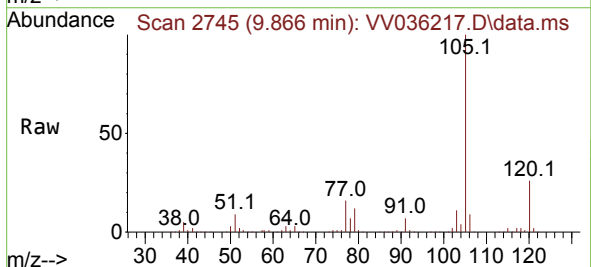


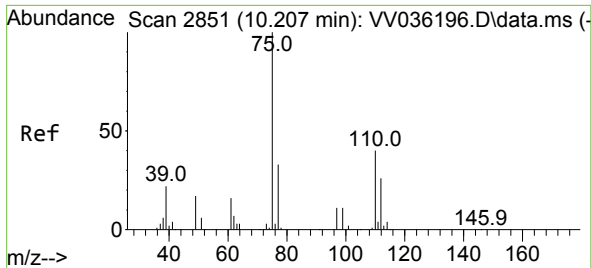
Tgt Ion:173 Resp: 79582
Ion Ratio Lower Upper
173 100
175 49.1 39.0 58.6
254 9.5 8.6 13.0



#60
Isopropylbenzene
Concen: 26.697 ug/L
RT: 9.866 min Scan# 2745
Delta R.T. 0.003 min
Lab File: VV036217.D
Acq: 21 Jun 2024 19:32

Tgt Ion:105 Resp: 480635
Ion Ratio Lower Upper
105 100
120 26.2 21.0 31.6
77 15.8 12.6 18.8

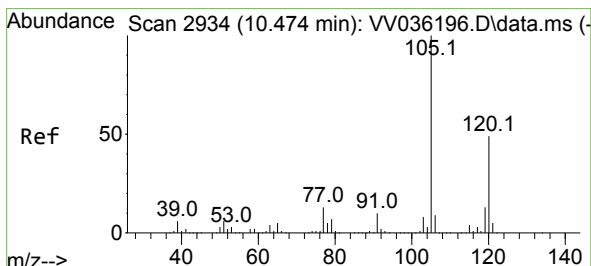
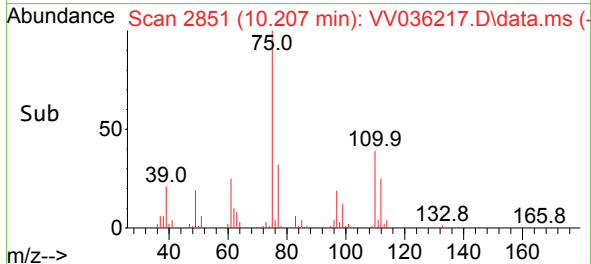
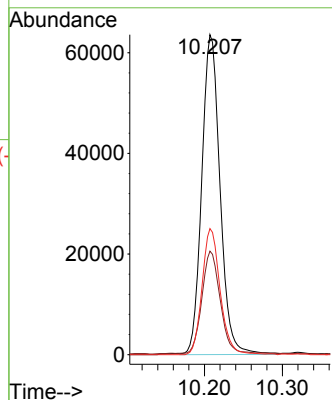
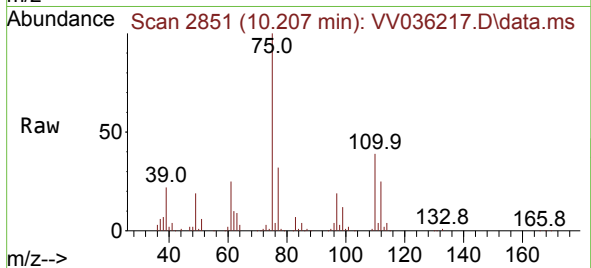




#61
 1,2,3-Trichloropropane
 Concen: 31.227 ug/L
 RT: 10.207 min Scan# 2851
 Delta R.T. -0.000 min
 Lab File: VV036217.D
 Acq: 21 Jun 2024 19:32

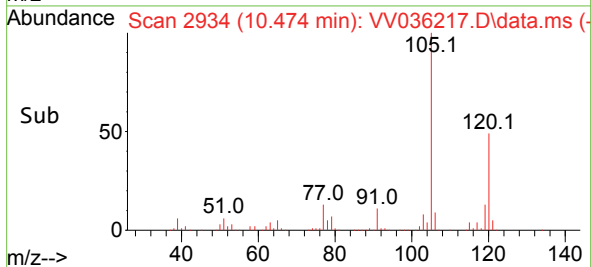
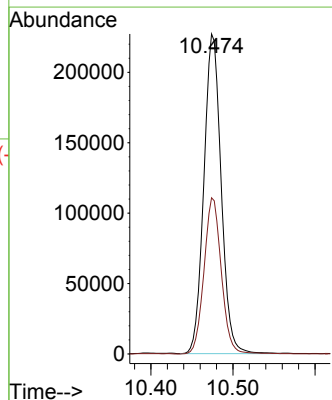
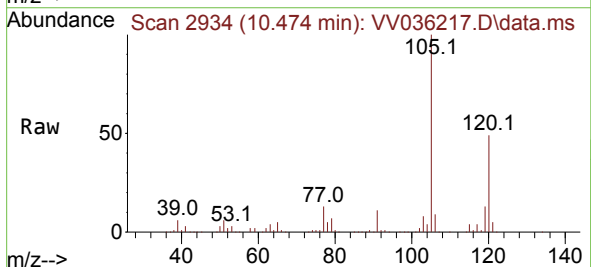
Instrument :
 MSVOA_V
 ClientSampleId :

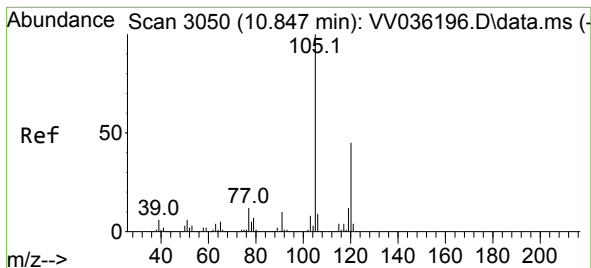
Tgt Ion: 75 Resp: 103640
 Ion Ratio Lower Upper
 75 100
 77 31.7 26.0 39.0
 110 38.9 32.2 48.4



#62
 1,3,5-Trimethylbenzene
 Concen: 25.457 ug/L
 RT: 10.474 min Scan# 2934
 Delta R.T. -0.000 min
 Lab File: VV036217.D
 Acq: 21 Jun 2024 19:32

Tgt Ion: 105 Resp: 332347
 Ion Ratio Lower Upper
 105 100
 120 48.8 38.6 58.0





#63

1,2,4-Trimethylbenzene

Concen: 26.154 ug/L

RT: 10.850 min Scan# 3050

Delta R.T. -0.000 min

Lab File: VV036217.D

Acq: 21 Jun 2024 19:32

Instrument :

MSVOA_V

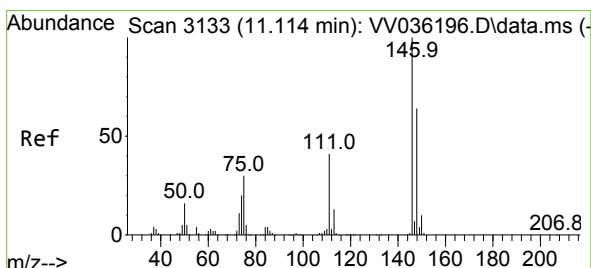
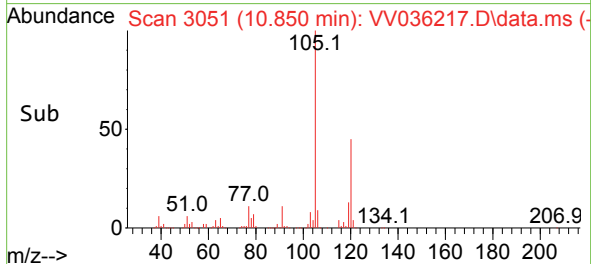
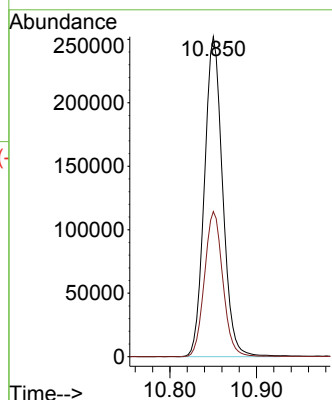
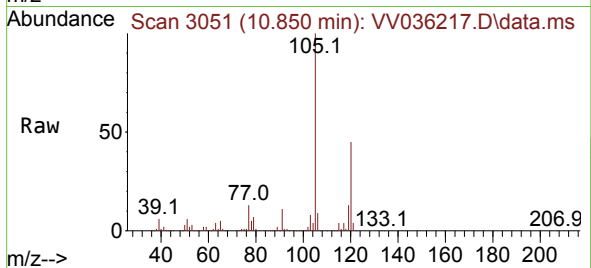
ClientSampleId :

Tgt Ion:105 Resp: 367873

Ion Ratio Lower Upper

105 100

120 45.8 36.2 54.4



#64

1,3-Dichlorobenzene

Concen: 25.540 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. -0.000 min

Lab File: VV036217.D

Acq: 21 Jun 2024 19:32

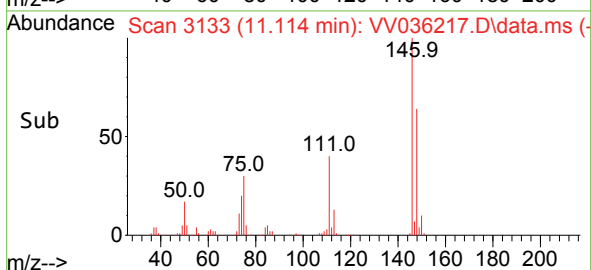
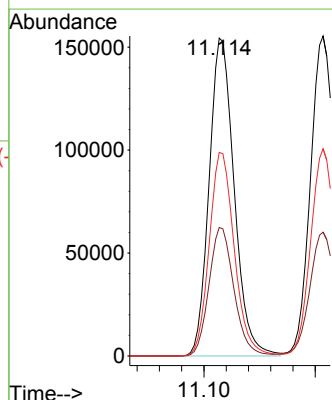
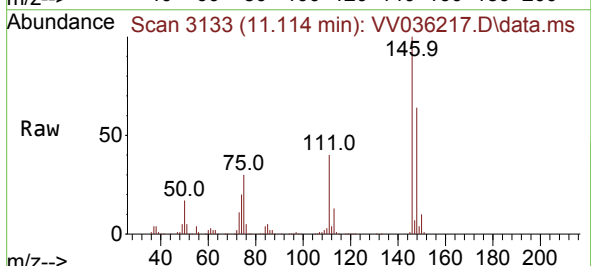
Tgt Ion:146 Resp: 241472

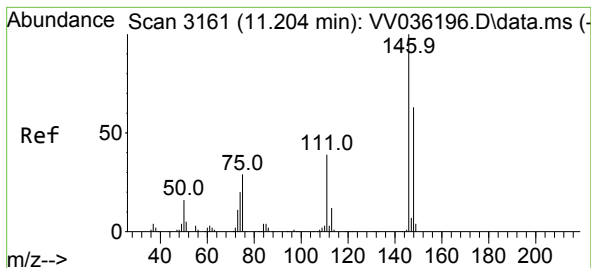
Ion Ratio Lower Upper

146 100

111 40.4 28.1 52.1

148 64.0 44.7 83.1





#65

1,4-Dichlorobenzene

Concen: 25.580 ug/L

RT: 11.207 min Scan# 3161

Delta R.T. 0.003 min

Lab File: VV036217.D

Acq: 21 Jun 2024 19:32

Instrument :

MSVOA_V

ClientSampleId :

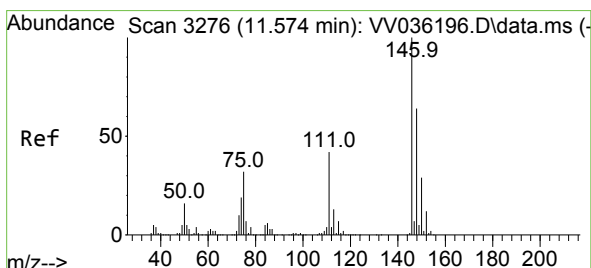
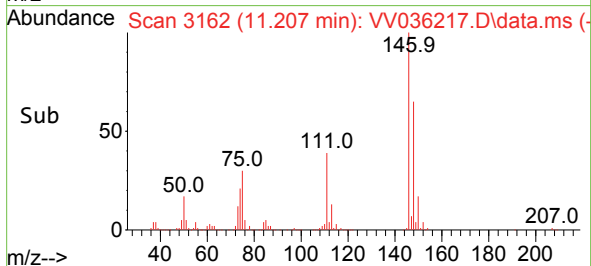
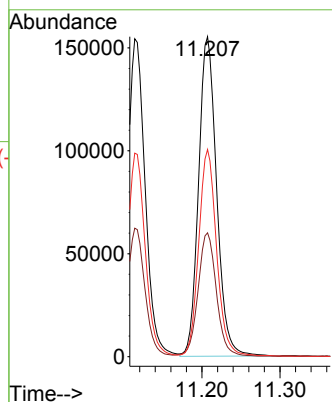
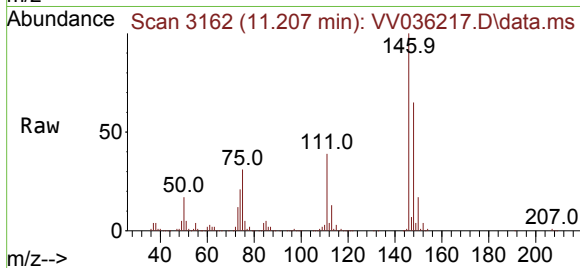
Tgt Ion:146 Resp: 249632

Ion Ratio Lower Upper

146 100

111 38.7 26.9 50.1

148 64.7 44.5 82.7



#67

1,2-Dichlorobenzene

Concen: 26.113 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. -0.000 min

Lab File: VV036217.D

Acq: 21 Jun 2024 19:32

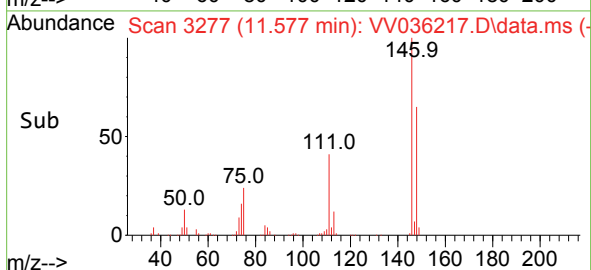
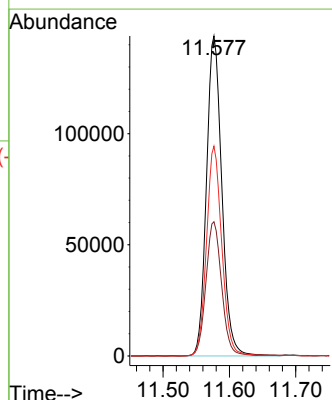
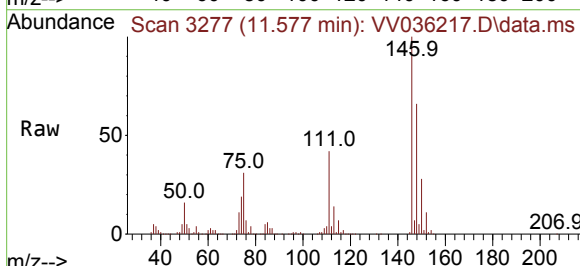
Tgt Ion:146 Resp: 232335

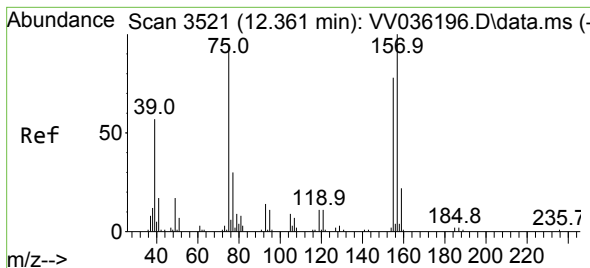
Ion Ratio Lower Upper

146 100

111 42.0 33.5 50.3

148 65.6 50.9 76.3

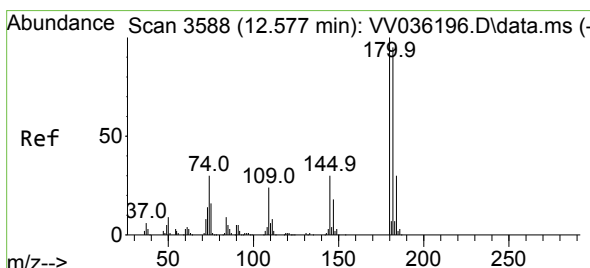
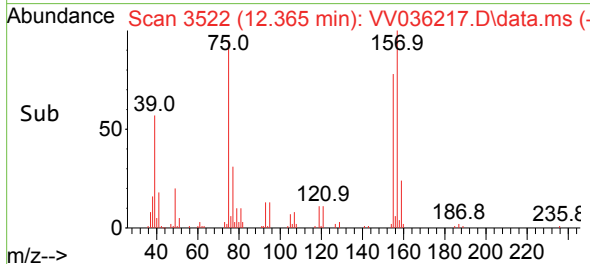
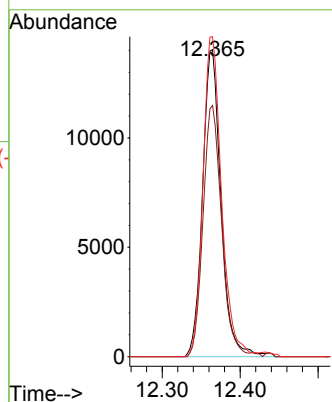
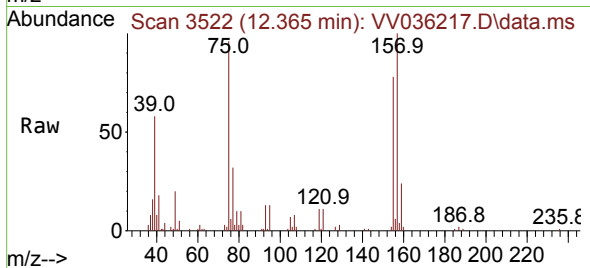




#68
 1,2-Dibromo-3-chloropropane
 Concen: 31.182 ug/L
 RT: 12.365 min Scan# 3521
 Delta R.T. 0.003 min
 Lab File: VV036217.D
 Acq: 21 Jun 2024 19:32

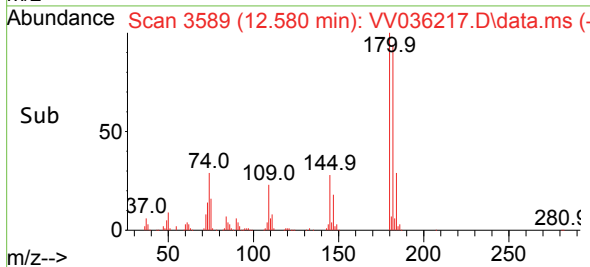
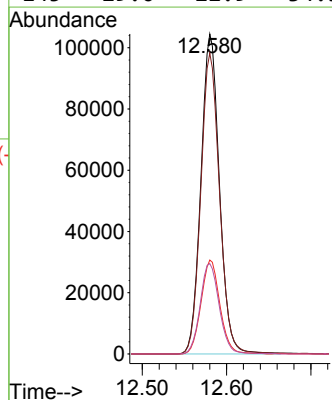
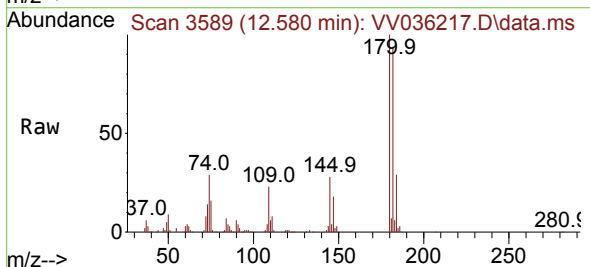
Instrument :
 MSVOA_V
 ClientSampleId :

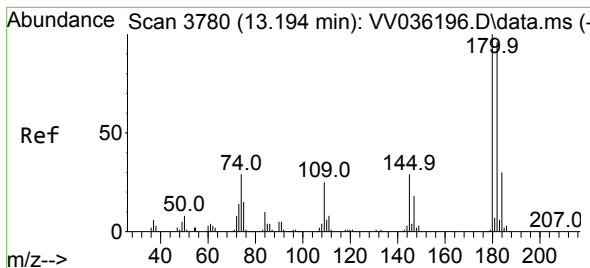
Tgt Ion: 75 Resp: 23142
 Ion Ratio Lower Upper
 75 100
 155 81.8 63.3 94.9
 157 104.2 82.4 123.6



#69
 1,3,5-Trichlorobenzene
 Concen: 22.624 ug/L
 RT: 12.580 min Scan# 3589
 Delta R.T. -0.000 min
 Lab File: VV036217.D
 Acq: 21 Jun 2024 19:32

Tgt Ion: 180 Resp: 160002
 Ion Ratio Lower Upper
 180 100
 182 95.0 76.2 114.4
 184 29.9 24.2 36.2
 145 29.0 22.9 34.3





#70

1,2,4-trichlorobenzene

Concen: 23.373 ug/L

RT: 13.197 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV036217.D

Acq: 21 Jun 2024 19:32

Instrument :

MSVOA_V

ClientSampleId :

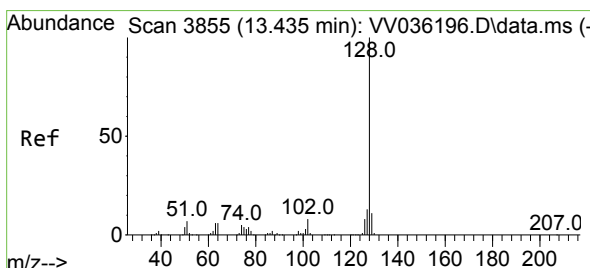
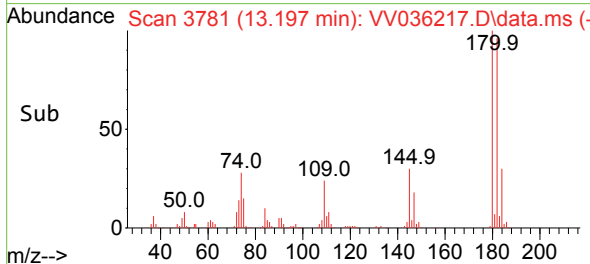
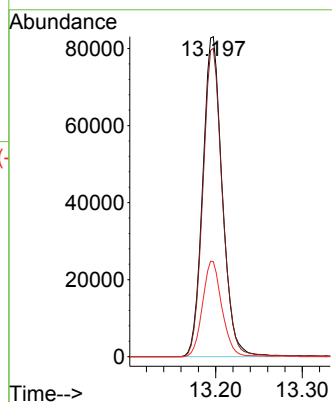
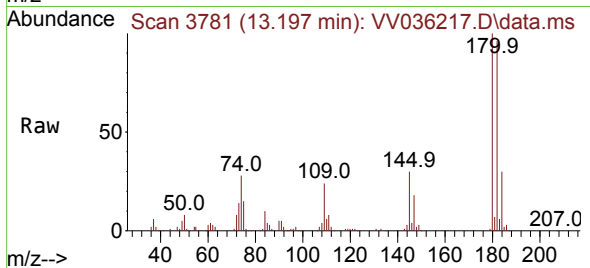
Tgt Ion:180 Resp: 130155

Ion Ratio Lower Upper

180 100

182 95.8 76.1 114.1

145 29.5 23.5 35.3



#71

Naphthalene

Concen: 29.089 ug/L

RT: 13.438 min Scan# 3856

Delta R.T. 0.003 min

Lab File: VV036217.D

Acq: 21 Jun 2024 19:32

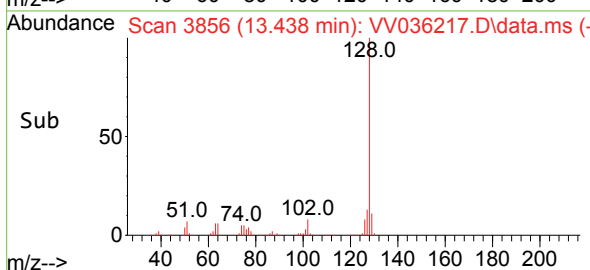
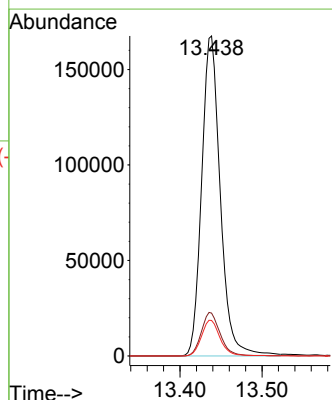
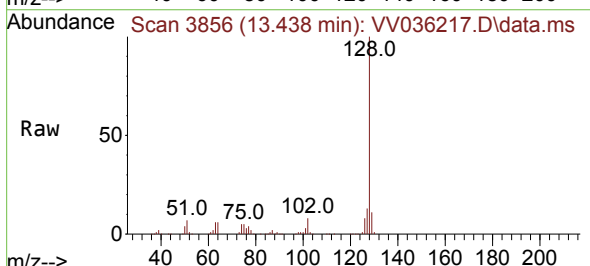
Tgt Ion:128 Resp: 264351

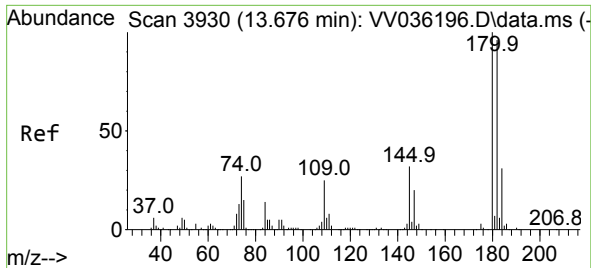
Ion Ratio Lower Upper

128 100

127 13.7 10.6 16.0

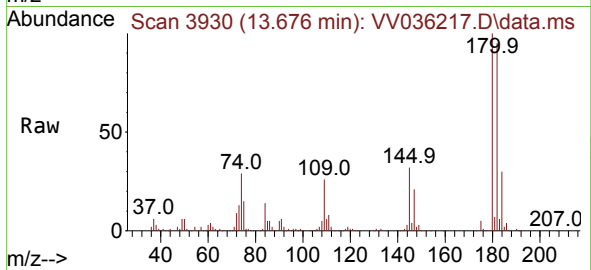
129 11.1 8.8 13.2





#72
 1,2,3-Trichlorobenzene
 Concen: 25.855 ug/L
 RT: 13.676 min Scan# 3930
 Delta R.T. -0.000 min
 Lab File: VV036217.D
 Acq: 21 Jun 2024 19:32

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:180 Resp: 131382
 Ion Ratio Lower Upper
 180 100
 182 96.3 75.1 112.7
 145 31.8 25.2 37.8

