

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080524\
 Data File : VV036778.D
 Acq On : 05 Aug 2024 11:56
 Operator : SY/MD
 Sample : P3391-05 2.5 MDL
 Misc : 5.00G/5 mL/100uL/5.00mL/MSVOA_V/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 06 05:15:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 06 02:51:35 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	479032	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	451217	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	220881	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	184913	48.329	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.660%
7) Chloroethane-d5	1.532	69	151647	50.260	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.520%
11) 1,1-Dichloroethene-d2	2.060	65	81456	49.771	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.540%
21) 2-Butanone-d5	3.793	46	185113	91.315	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.320%
24) Chloroform-d	4.243	84	346340	50.442	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.880%
26) 1,2-Dichloroethane-d4	4.937	65	226840	51.385	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.760%
32) Benzene-d6	4.953	84	716349	52.563	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.120%
36) 1,2-Dichloropropane-d6	5.986	67	231423	52.635	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.280%
41) Toluene-d8	7.240	98	648720	51.891	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.780%
43) trans-1,3-Dichloroprop...	7.551	79	112672	49.241	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.480%
47) 2-Hexanone-d5	8.024	63	105113	83.147	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.150%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	232880	46.130	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.260%
66) 1,2-Dichlorobenzene-d4	11.555	152	233584	51.896	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	8016	2.099	ug/L	99
3) Chloromethane	1.217	50	8656	2.165	ug/L	94
5) Vinyl chloride	1.282	62	9288	2.263	ug/L #	69
6) Bromomethane	1.487	94	5790	2.240	ug/L	94
8) Chloroethane	1.548	64	5646	2.220	ug/L	98
9) Trichlorofluoromethane	1.712	101	10799	2.008	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	8360	2.639	ug/L #	85
12) 1,1-Dichloroethene	2.069	96	7712	2.549	ug/L #	1
13) Acetone	2.118	43	6182	3.645	ug/L	97
14) Carbon disulfide	2.240	76	20725	2.180	ug/L	96
15) Methyl Acetate	2.561	43	218	0.062	ug/L	93
16) Methylene chloride	2.442	84	7733	2.273	ug/L	95
17) trans-1,2-Dichloroethene	2.690	96	6363	2.030	ug/L	97
18) Methyl tert-butyl Ether	2.709	73	21132	1.914	ug/L	97
19) 1,1-Dichloroethane	3.108	63	12597	1.989	ug/L	96
20) cis-1,2-Dichloroethene	3.809	96	7680	2.088	ug/L	99
22) 2-Butanone	3.902	43	2696	1.187	ug/L	86
23) Bromochloromethane	4.153	128	3487	1.951	ug/L	86
25) Chloroform	4.272	83	18743	2.882	ug/L	95

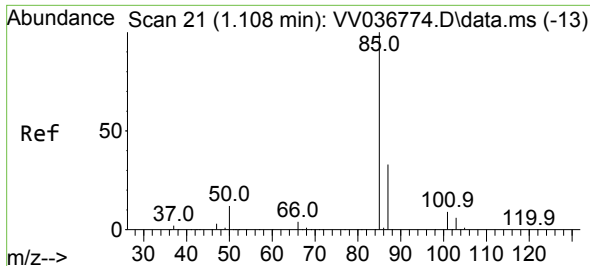
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080524\
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 QLast Update : Tue Aug 06 02:51:35 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.053	62	9228	1.799	ug/L	96
29) Cyclohexane	4.571	56	11517	2.003	ug/L	94
30) 1,1,1-Trichloroethane	4.510	97	10892	1.916	ug/L #	85
31) Carbon tetrachloride	4.735	117	9114	1.909	ug/L	96
33) Benzene	5.008	78	24858	1.842	ug/L	100
34) Trichloroethene	5.834	95	8192	2.094	ug/L	95
35) Methylcyclohexane	6.047	83	12423	2.070	ug/L	93
37) 1,2-Dichloropropane	6.101	63	6944	1.942	ug/L #	94
38) Bromodichloromethane	6.442	83	9059	1.840	ug/L	98
39) cis-1,3-Dichloropropene	6.960	75	1806	0.295	ug/L	88
40) 4-Methyl-2-pentanone	7.172	43	12142	2.742	ug/L	99
42) Toluene	7.320	91	28018	1.949	ug/L	96
44) trans-1,3-Dichloropropene	7.587	75	9171	1.607	ug/L	93
45) 1,1,2-Trichloroethane	7.773	97	6159	1.779	ug/L	95
46) Tetrachloroethene	7.905	164	5349	2.085	ug/L	90
48) 2-Hexanone	8.085	43	24978	7.666	ug/L #	84
49) Dibromochloromethane	8.175	129	6662	1.872	ug/L	92
50) 1,2-Dibromoethane	8.288	107	6667	1.856	ug/L #	92
51) Chlorobenzene	8.812	112	18389	1.994	ug/L	91
52) Ethylbenzene	8.947	91	31610	1.926	ug/L	99
53) m,p-Xylene	9.075	106	11432	1.863	ug/L	96
54) o-Xylene	9.481	106	11931	1.988	ug/L	93
55) Styrene	9.503	104	17384	1.690	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.172	83	9426	2.018	ug/L #	92
59) Bromoform	9.664	173	4267	1.746	ug/L #	92
60) Isopropylbenzene	9.866	105	30549	1.900	ug/L	98
61) 1,2,3-Trichloropropane	10.207	75	7161	1.801	ug/L	94
62) 1,3,5-Trimethylbenzene	10.474	105	24533	1.832	ug/L	96
63) 1,2,4-Trimethylbenzene	10.850	105	24774	1.849	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	14150	2.046	ug/L	98
65) 1,4-Dichlorobenzene	11.204	146	15461	2.199	ug/L	94
67) 1,2-Dichlorobenzene	11.574	146	14267	2.112	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.371	75	1865	1.623	ug/L #	84
69) 1,3,5-Trichlorobenzene	12.580	180	9666	1.970	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	9664	2.053	ug/L	99
71) Naphthalene	13.442	128	29053	1.925	ug/L	98
72) 1,2,3-Trichlorobenzene	13.680	180	8578	1.862	ug/L	97

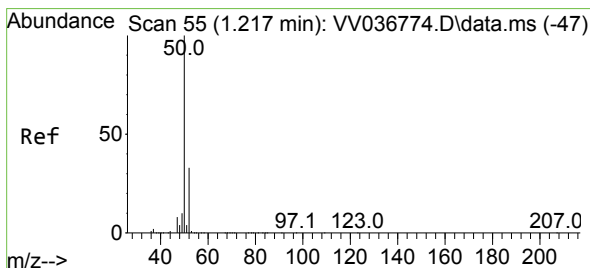
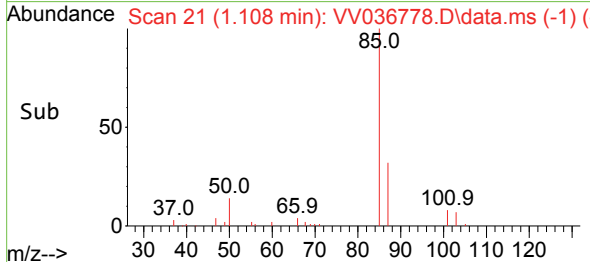
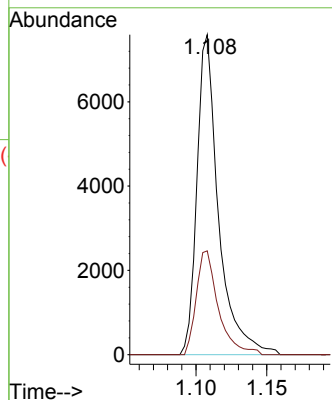
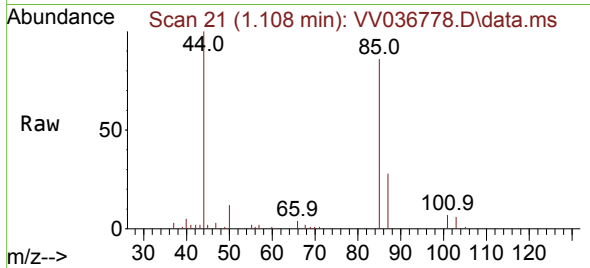
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#2
Dichlorodifluoromethane
Concen: 2.099 ug/L
RT: 1.108 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV036778.D
Acq: 05 Aug 2024 11:56

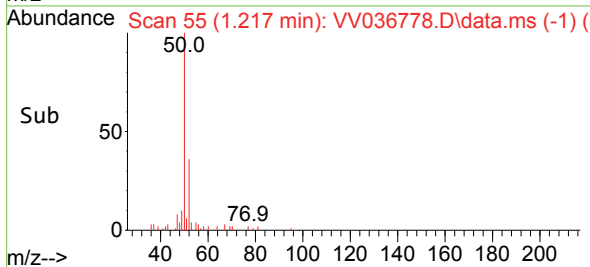
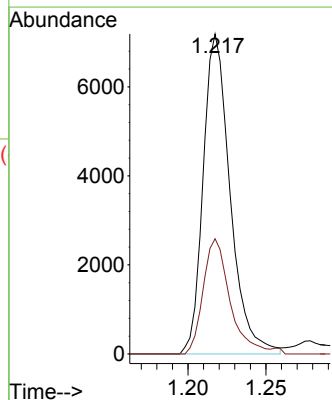
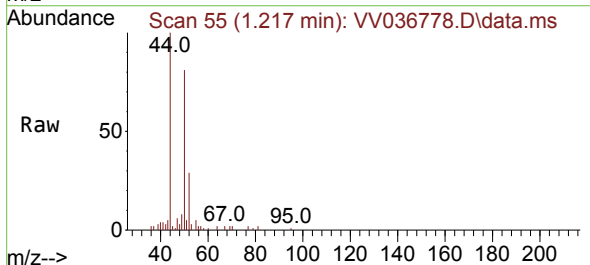
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MSVOA_V
ClientSampleId :

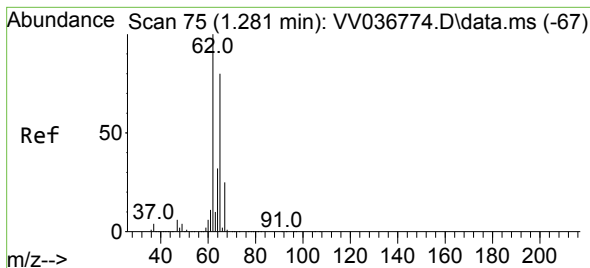
Tgt Ion: 85 Resp: 8016
Ion Ratio Lower Upper
85 100
87 33.1 25.9 38.9



#3
Chloromethane
Concen: 2.165 ug/L
RT: 1.217 min Scan# 55
Delta R.T. 0.000 min
Lab File: VV036778.D
Acq: 05 Aug 2024 11:56

Tgt Ion: 50 Resp: 8656
Ion Ratio Lower Upper
50 100
52 36.0 23.0 42.8





#5

Vinyl chloride

Concen: 2.263 ug/L

RT: 1.282 min Scan# 75

Delta R.T. 0.000 min

Lab File: VV036778.D

Acq: 05 Aug 2024 11:56

Instrument :

MSVOA_V

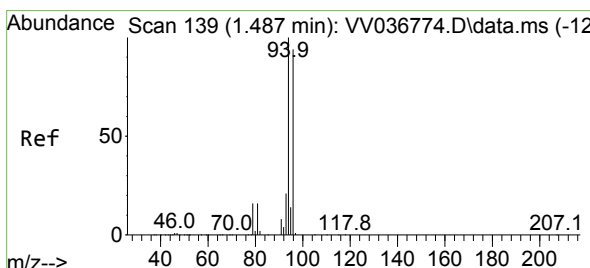
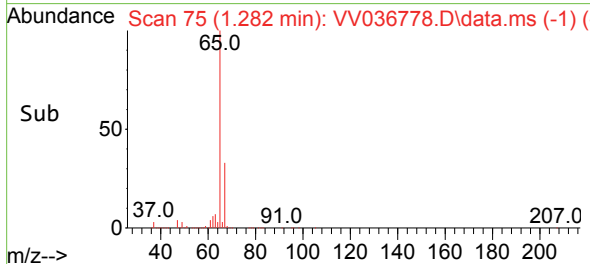
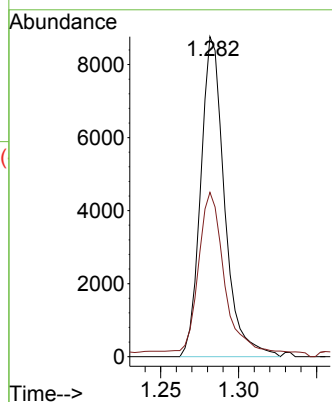
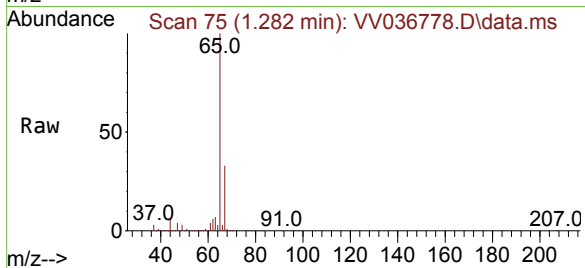
ClientSampleId :

Tgt Ion: 62 Resp: 9288

Ion Ratio Lower Upper

62 100

64 51.4 23.6 43.8#



#6

Bromomethane

Concen: 2.240 ug/L

RT: 1.487 min Scan# 139

Delta R.T. 0.000 min

Lab File: VV036778.D

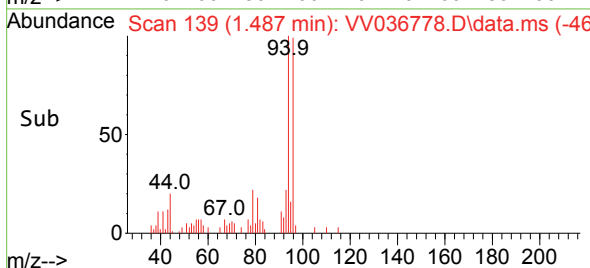
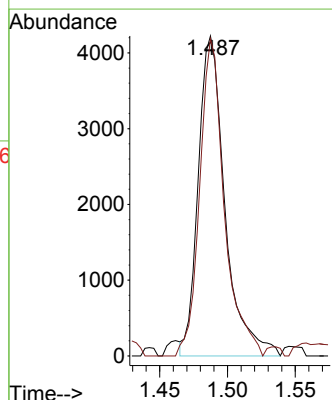
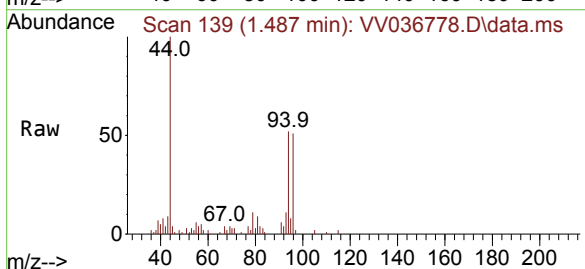
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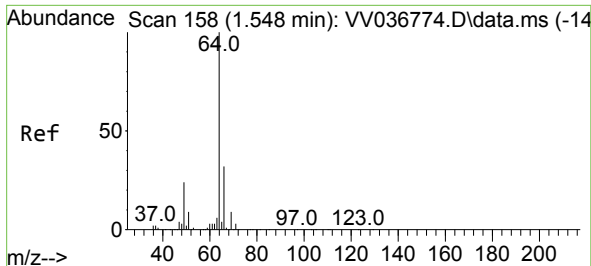
Tgt Ion: 94 Resp: 5790

Ion Ratio Lower Upper

94 100

96 99.2 65.5 121.7

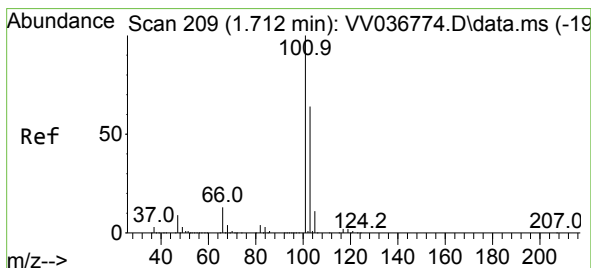
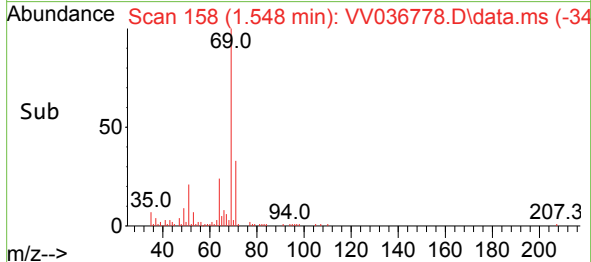
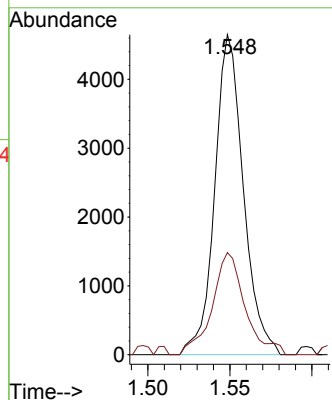
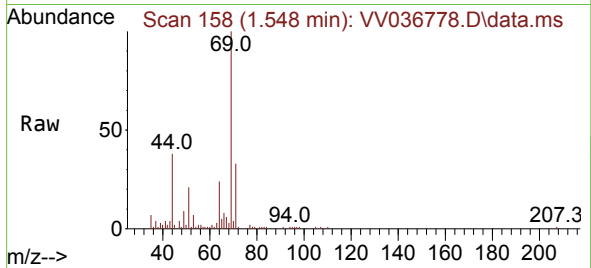




#8
Chloroethane
Concen: 2.220 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV036778.D
Acq: 05 Aug 2024 11:56

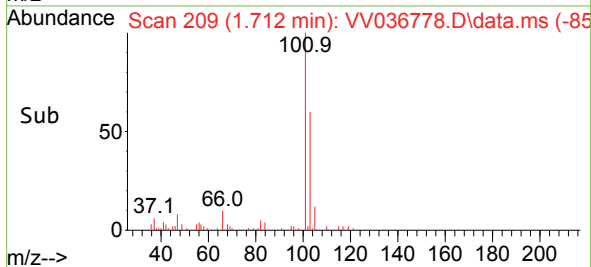
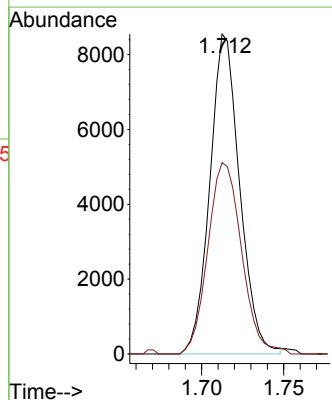
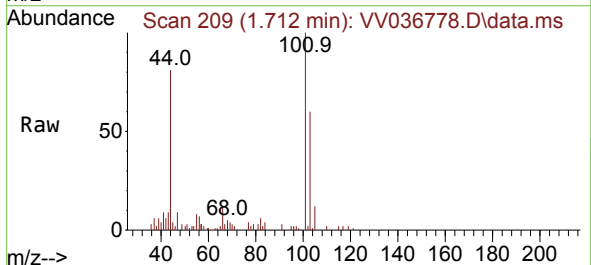
Instrument :
MSVOA_V
ClientSampleId :

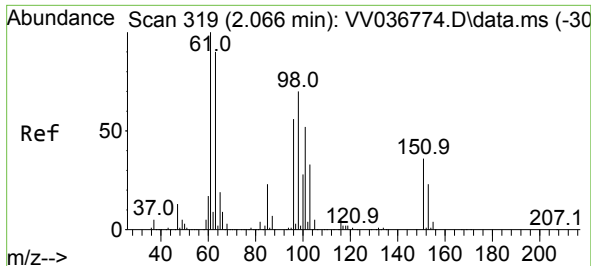
Tgt Ion: 64 Resp: 5646
Ion Ratio Lower Upper
64 100
66 31.9 23.2 43.0



#9
Trichlorofluoromethane
Concen: 2.008 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV036778.D
Acq: 05 Aug 2024 11:56

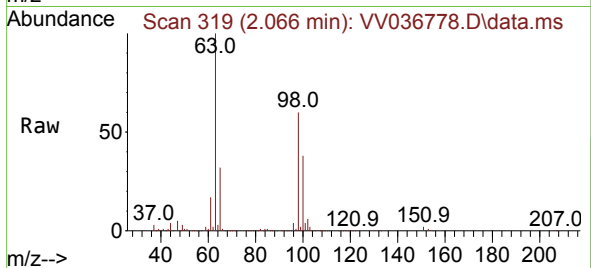
Tgt Ion:101 Resp: 10799
Ion Ratio Lower Upper
101 100
103 67.6 51.4 77.0



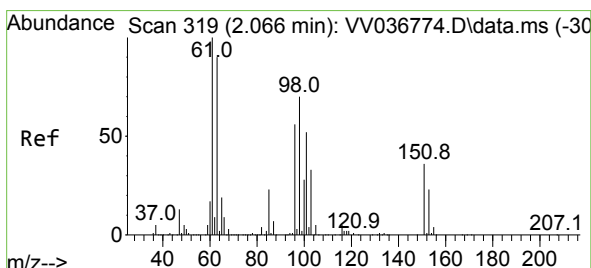
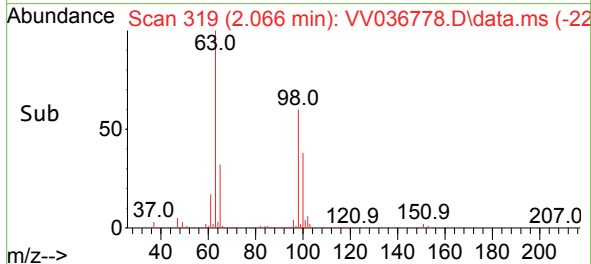
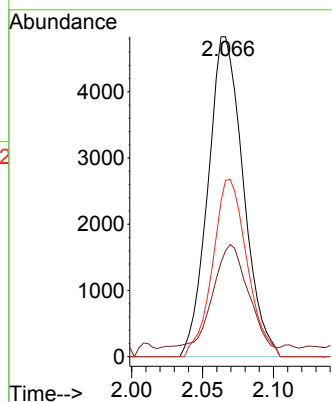


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.639 ug/L
RT: 2.066 min Scan# 319
Delta R.T. 0.000 min
Lab File: VV036778.D
Acq: 05 Aug 2024 11:56

Instrument :
MSVOA_V
ClientSampleId :

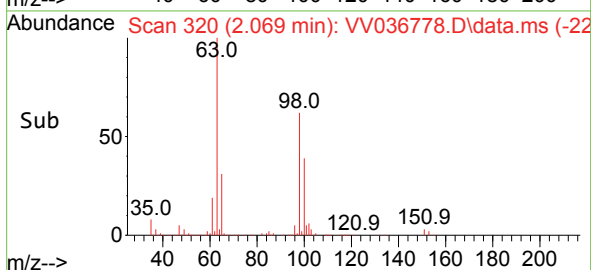
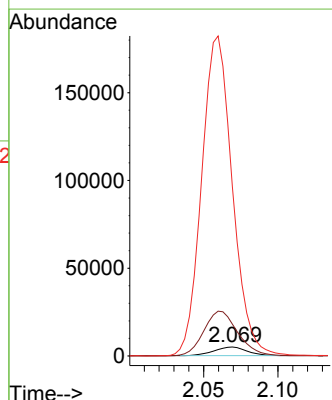
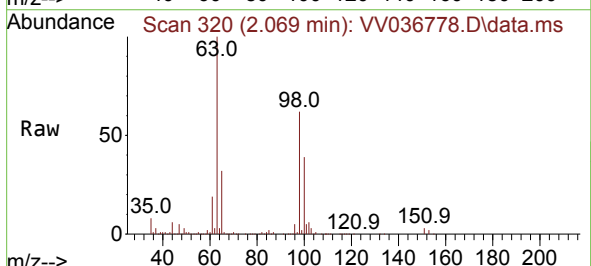


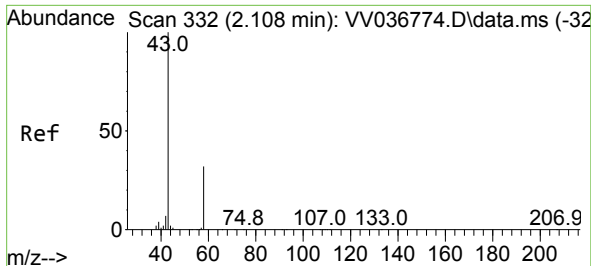
Tgt Ion:101 Resp: 8360
Ion Ratio Lower Upper
101 100
85 37.8 34.6 51.8
151 54.1 55.9 83.9#



#12
1,1-Dichloroethene
Concen: 2.549 ug/L
RT: 2.069 min Scan# 320
Delta R.T. 0.003 min
Lab File: VV036778.D
Acq: 05 Aug 2024 11:56

Tgt Ion: 96 Resp: 7712
Ion Ratio Lower Upper
96 100
61 353.2 125.6 233.2#
63 1879.1 95.1 176.7#





#13

Acetone

Concen: 3.645 ug/L

RT: 2.118 min Scan# 31

Delta R.T. 0.010 min

Lab File: VV036778.D

Acq: 05 Aug 2024 11:56

Instrument :

MSVOA_V

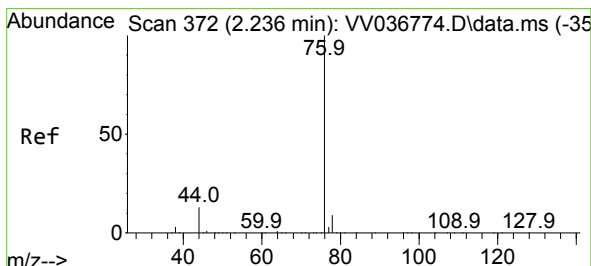
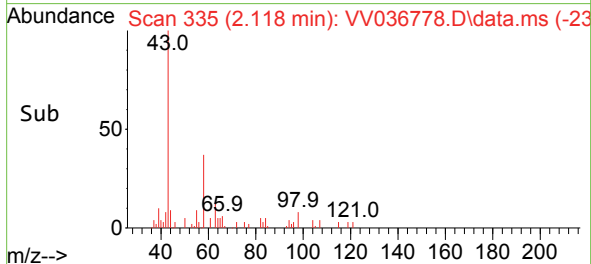
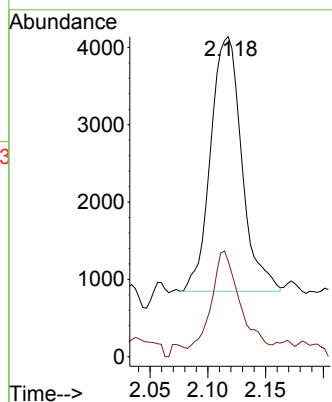
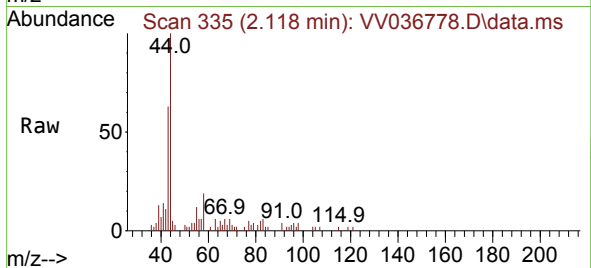
ClientSampleId :

Tgt Ion: 43 Resp: 6182

Ion Ratio Lower Upper

43 100

58 33.6 0.0 63.4



#14

Carbon disulfide

Concen: 2.180 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.003 min

Lab File: VV036778.D

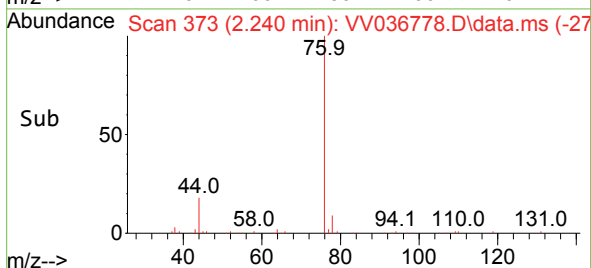
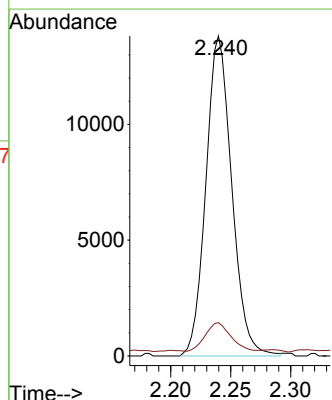
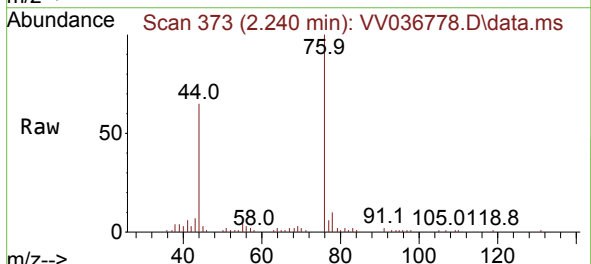
Acq: 05 Aug 2024 11:56

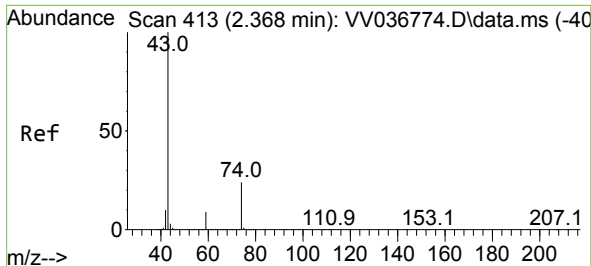
Tgt Ion: 76 Resp: 20725

Ion Ratio Lower Upper

76 100

78 10.4 7.1 10.7

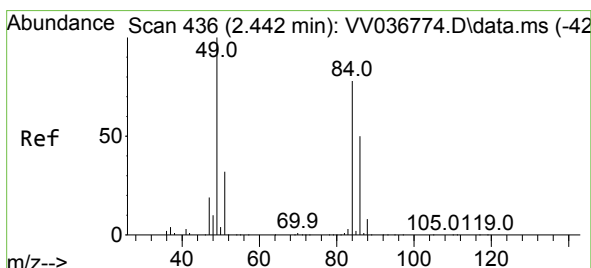
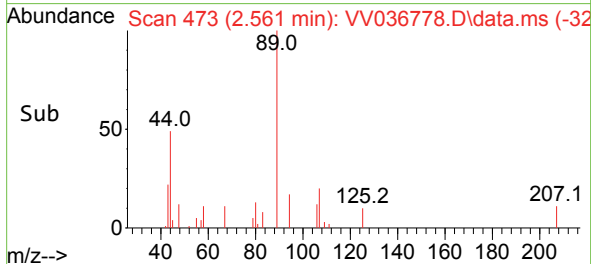
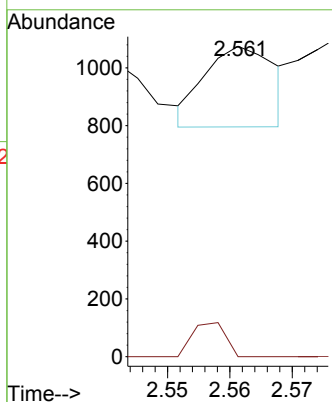
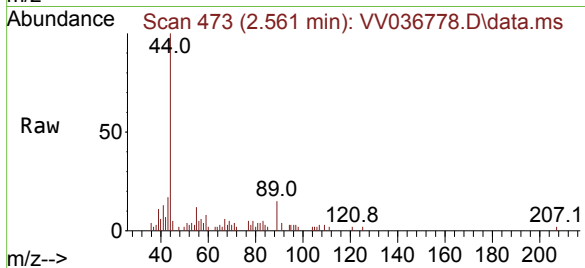




#15
Methyl Acetate
Concen: 0.062 ug/L
RT: 2.561 min Scan# 413
Delta R.T. 0.193 min
Lab File: VV036778.D
Acq: 05 Aug 2024 11:56

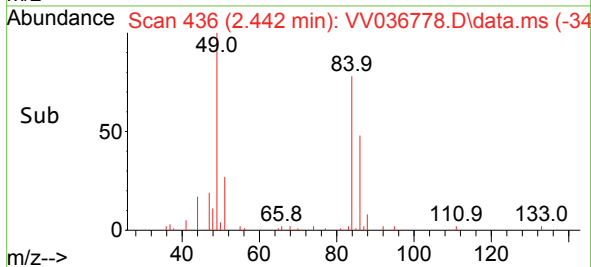
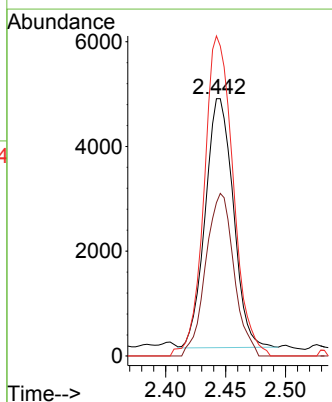
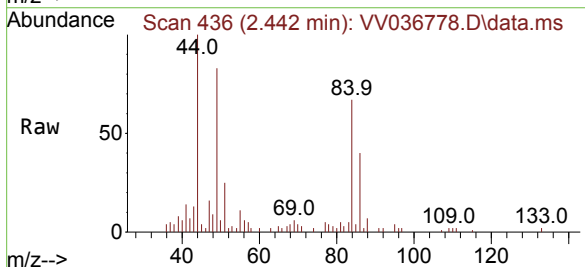
Instrument :
MSVOA_V
ClientSampleId :

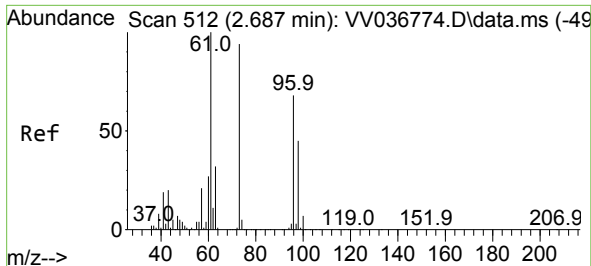
Tgt Ion: 43 Resp: 218
Ion Ratio Lower Upper
43 100
74 20.2 19.0 28.4



#16
Methylene chloride
Concen: 2.273 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.000 min
Lab File: VV036778.D
Acq: 05 Aug 2024 11:56

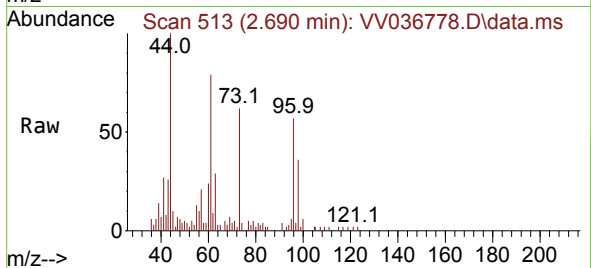
Tgt Ion: 84 Resp: 7733
Ion Ratio Lower Upper
84 100
86 59.6 44.3 82.3
49 124.3 91.1 169.1



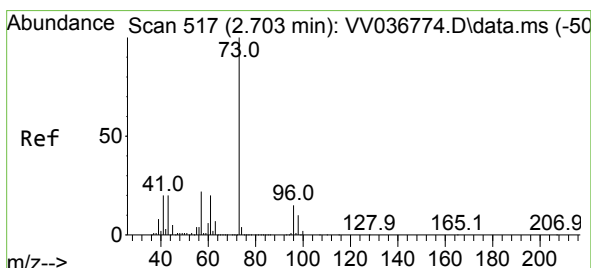
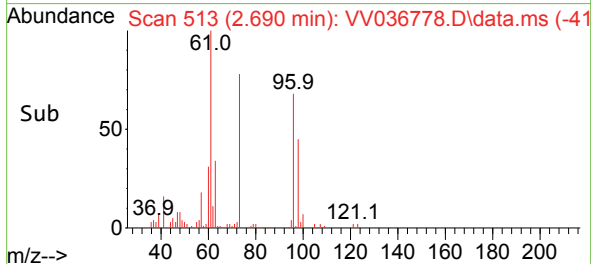
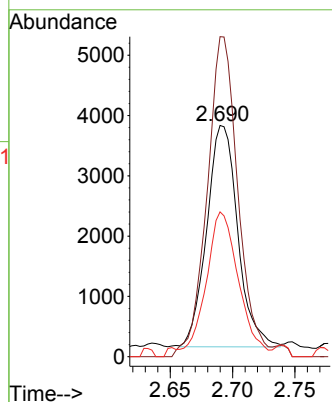


#17
trans-1,2-Dichloroethene
Concen: 2.030 ug/L
RT: 2.690 min Scan# 512
Delta R.T. 0.003 min
Lab File: VV036778.D
Acq: 05 Aug 2024 11:56

Instrument :
MSVOA_V
ClientSampleId :

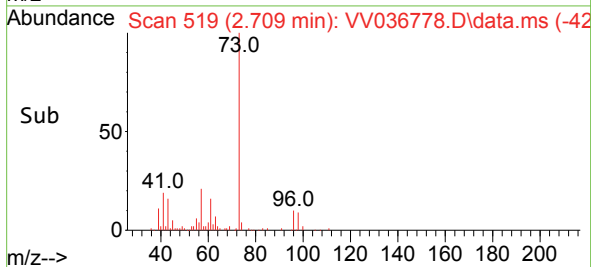
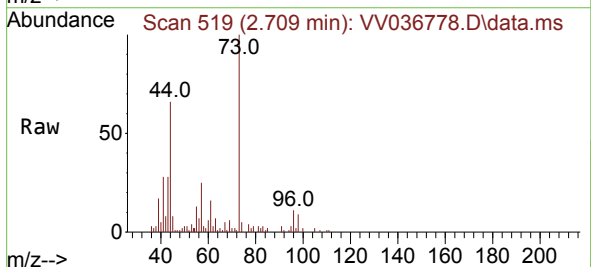
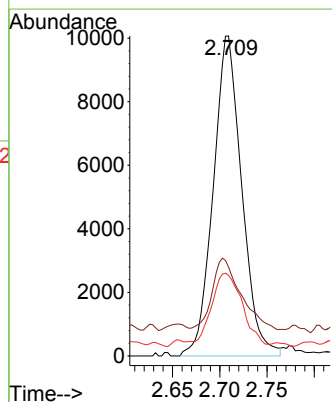


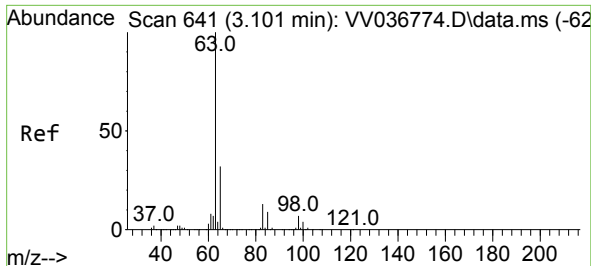
Tgt Ion: 96 Resp: 6363
Ion Ratio Lower Upper
96 100
61 138.4 100.0 185.8
98 62.7 44.0 81.8



#18
Methyl tert-butyl Ether
Concen: 1.914 ug/L
RT: 2.709 min Scan# 519
Delta R.T. 0.007 min
Lab File: VV036778.D
Acq: 05 Aug 2024 11:56

Tgt Ion: 73 Resp: 21132
Ion Ratio Lower Upper
73 100
43 22.2 16.1 24.1
57 23.2 17.9 26.9





#19

1,1-Dichloroethane

Concen: 1.989 ug/L

RT: 3.108 min Scan# 641

Delta R.T. 0.007 min

Lab File: VV036778.D

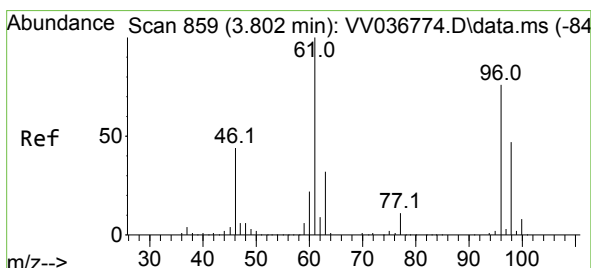
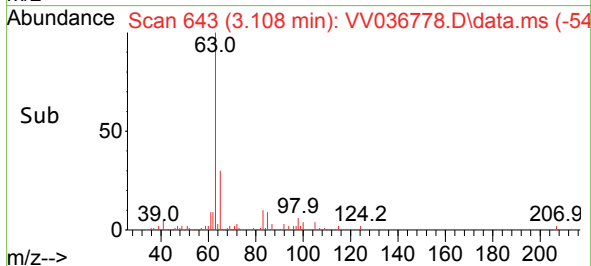
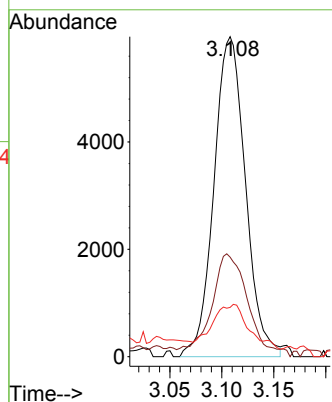
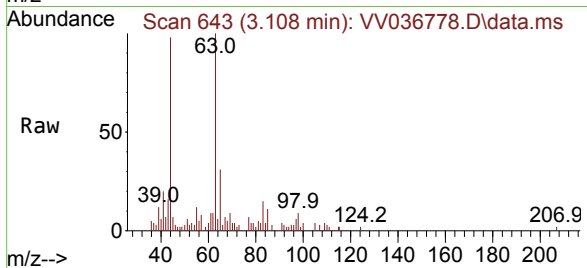
Acq: 05 Aug 2024 11:56

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	63	Resp:	12597
Ion	Ratio	Lower	Upper
63	100		
65	31.1	23.2	43.0
83	15.4	9.2	17.0



#20

cis-1,2-Dichloroethene

Concen: 2.088 ug/L

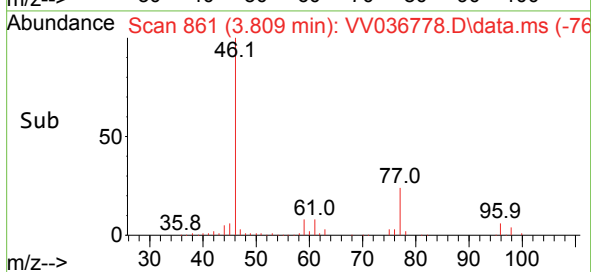
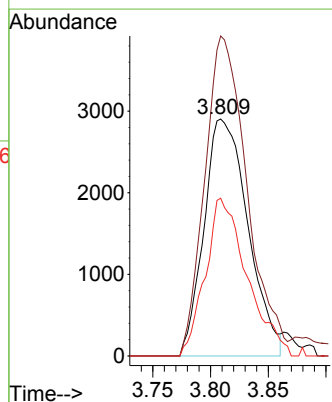
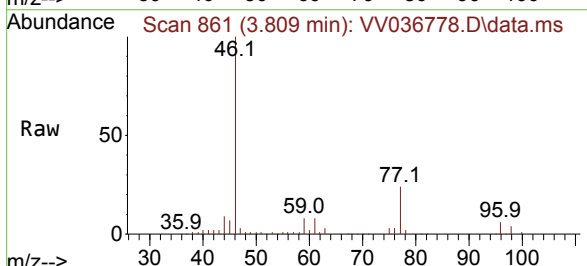
RT: 3.809 min Scan# 861

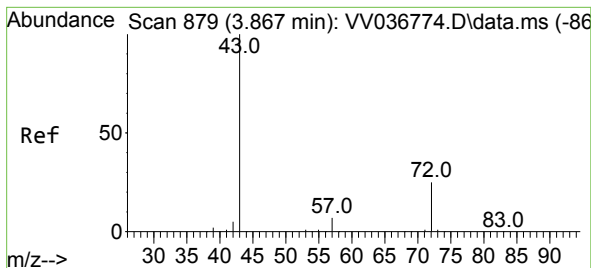
Delta R.T. 0.007 min

Lab File: VV036778.D

Acq: 05 Aug 2024 11:56

Tgt Ion:	96	Resp:	7680
Ion	Ratio	Lower	Upper
96	100		
61	135.0	93.9	174.5
98	66.6	46.0	85.4





#22

2-Butanone

Concen: 1.187 ug/L

RT: 3.902 min Scan# 890

Delta R.T. 0.036 min

Lab File: VV036778.D

Acq: 05 Aug 2024 11:56

Instrument :

MSVOA_V

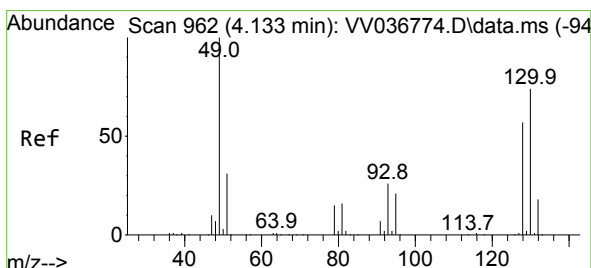
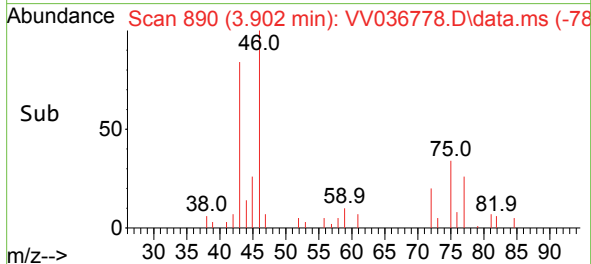
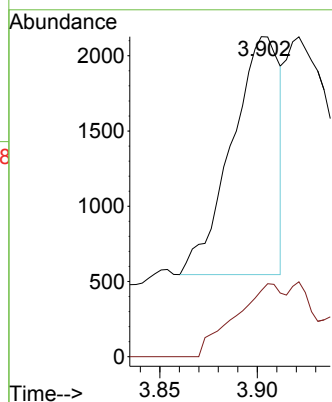
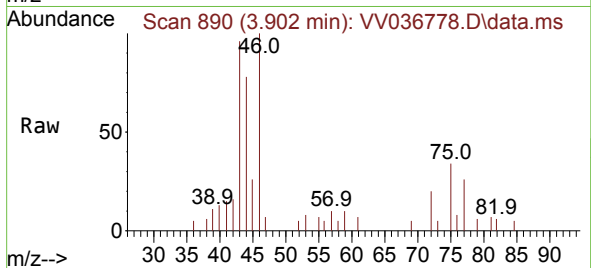
ClientSampleId :

Tgt Ion: 43 Resp: 2696

Ion Ratio Lower Upper

43 100

72 31.8 12.5 37.5



#23

Bromochloromethane

Concen: 1.951 ug/L

RT: 4.153 min Scan# 968

Delta R.T. 0.019 min

Lab File: VV036778.D

Acq: 05 Aug 2024 11:56

Tgt Ion: 128 Resp: 3487

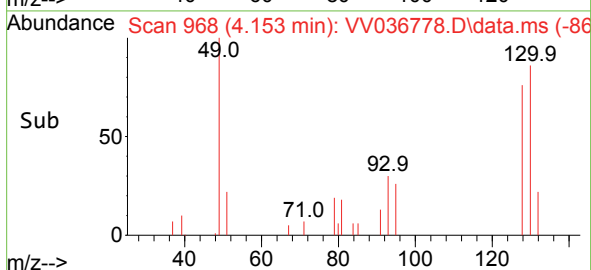
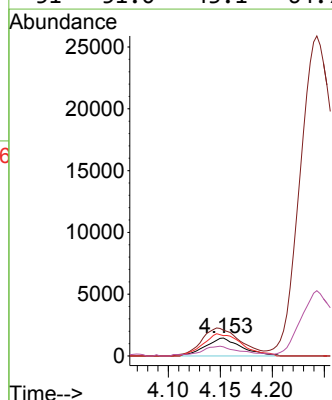
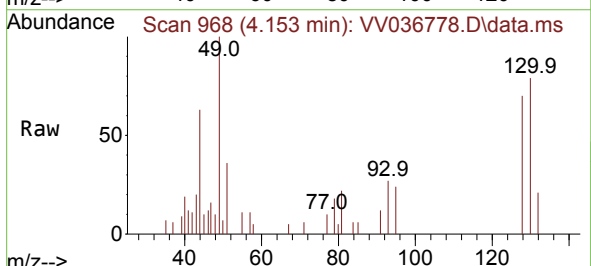
Ion Ratio Lower Upper

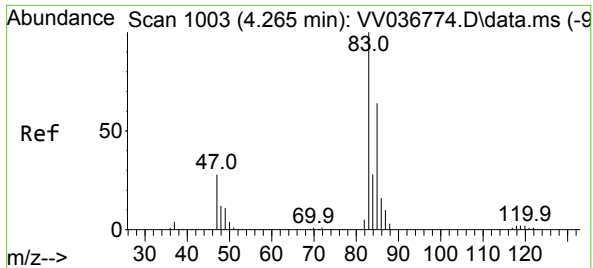
128 100

49 143.1 120.0 223.0

130 113.6 87.0 161.6

51 51.0 43.1 64.7

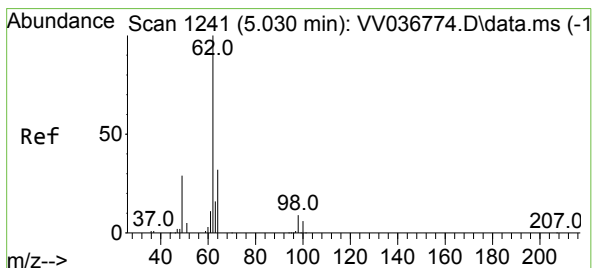
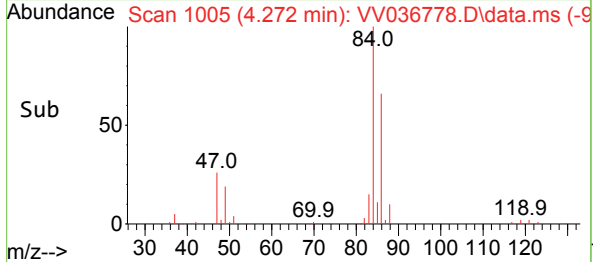
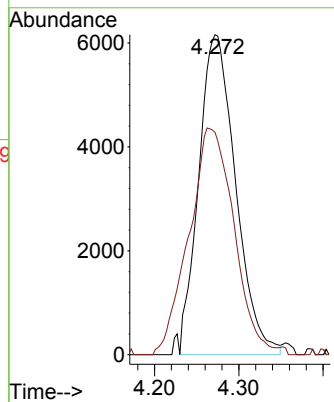
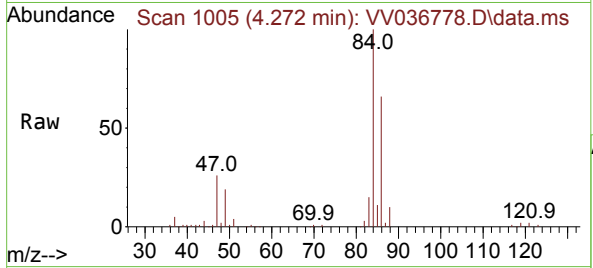




#25
Chloroform
Concen: 2.882 ug/L
RT: 4.272 min Scan# 1005
Delta R.T. 0.007 min
Lab File: VV036778.D
Acq: 05 Aug 2024 11:56

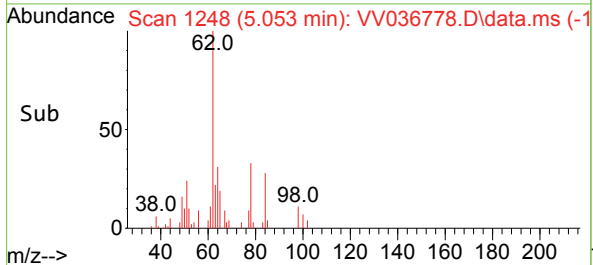
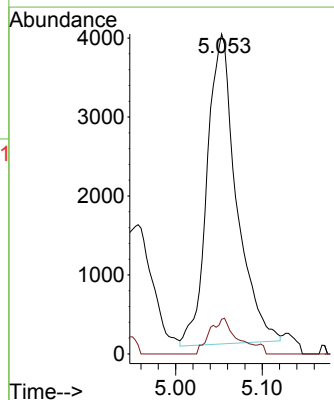
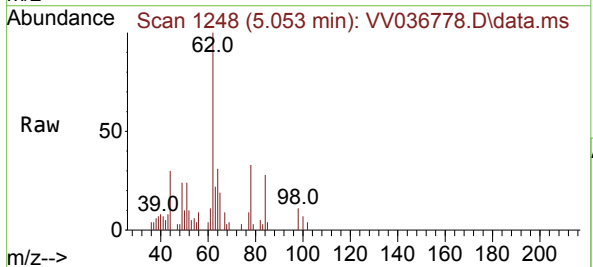
Instrument :
MSVOA_V
ClientSampleId :

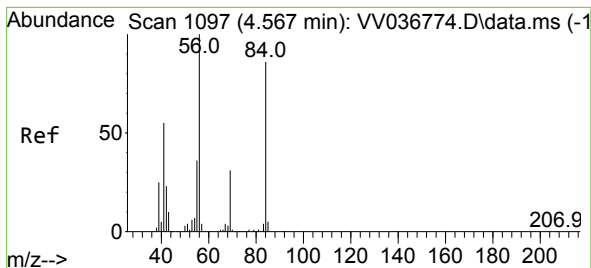
Tgt Ion: 83 Resp: 18743
Ion Ratio Lower Upper
83 100
85 69.4 46.0 85.4



#27
1,2-Dichloroethane
Concen: 1.799 ug/L
RT: 5.053 min Scan# 1248
Delta R.T. 0.023 min
Lab File: VV036778.D
Acq: 05 Aug 2024 11:56

Tgt Ion: 62 Resp: 9228
Ion Ratio Lower Upper
62 100
98 10.8 7.5 11.3





#29

Cyclohexane

Concen: 2.003 ug/L

RT: 4.571 min Scan# 1098

Delta R.T. 0.003 min

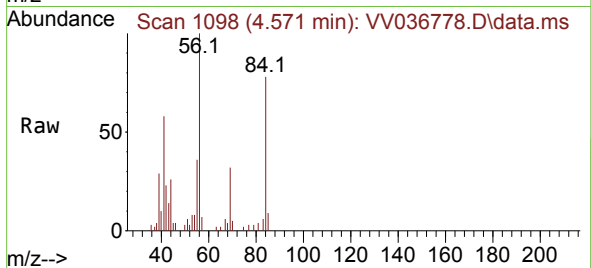
Lab File: VV036778.D

Acq: 05 Aug 2024 11:56

Instrument :

MSVOA_V

ClientSampleId :



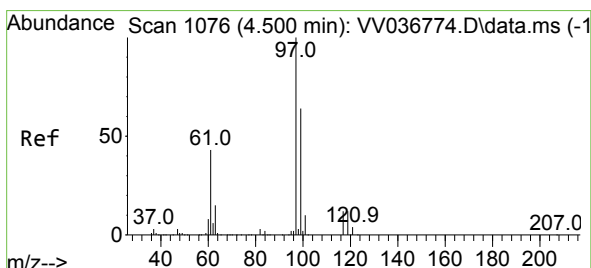
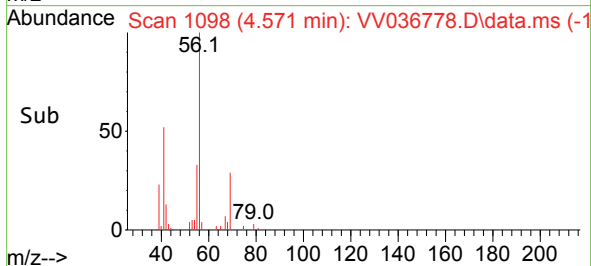
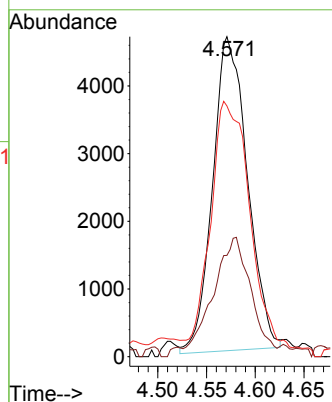
Tgt Ion: 56 Resp: 11517

Ion Ratio Lower Upper

56 100

69 36.0 24.7 37.1

84 81.7 68.5 102.7



#30

1,1,1-Trichloroethane

Concen: 1.916 ug/L

RT: 4.510 min Scan# 1079

Delta R.T. 0.010 min

Lab File: VV036778.D

Acq: 05 Aug 2024 11:56

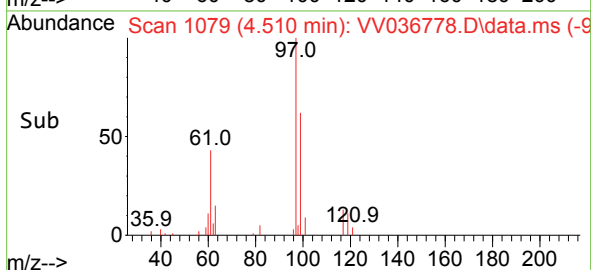
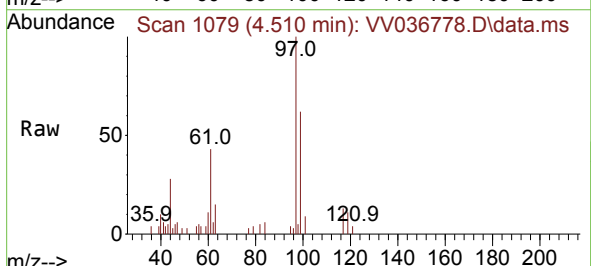
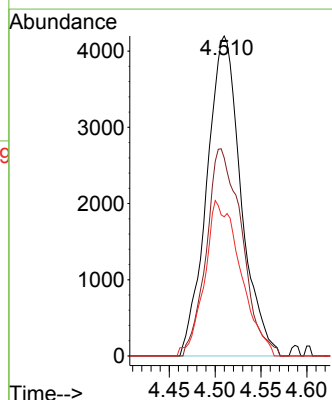
Tgt Ion: 97 Resp: 10892

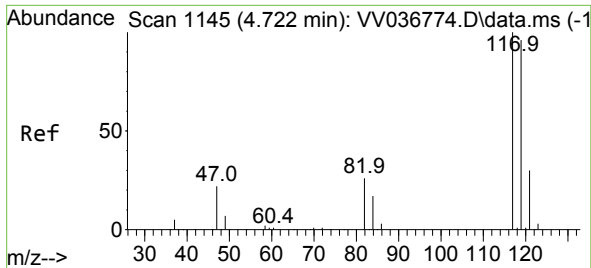
Ion Ratio Lower Upper

97 100

99 67.1 51.5 77.3

61 24.5 36.0 54.0#

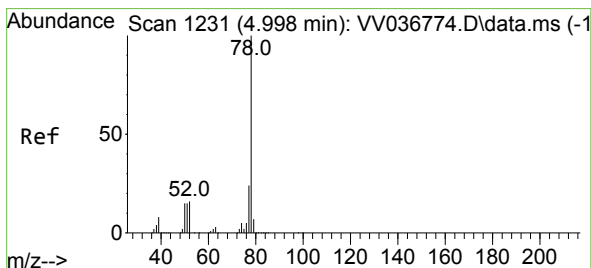
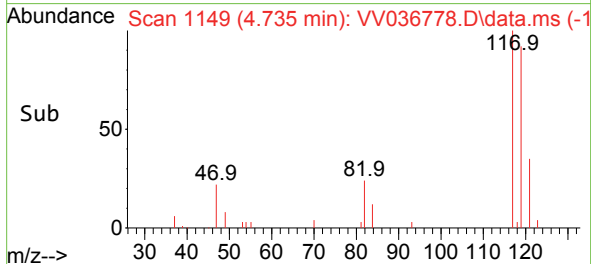
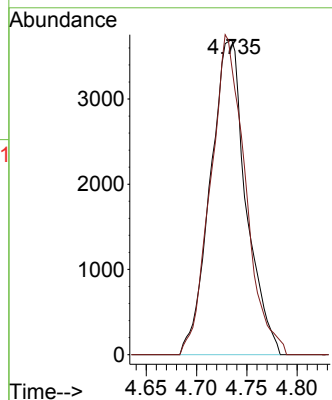
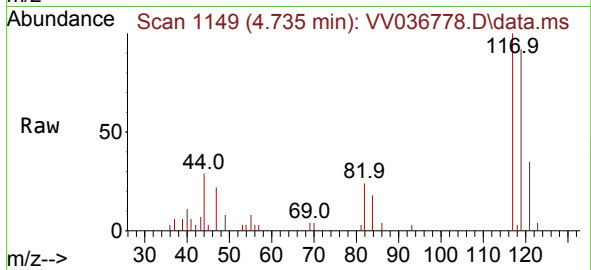




#31
Carbon tetrachloride
Concen: 1.909 ug/L
RT: 4.735 min Scan# 1149
Delta R.T. 0.013 min
Lab File: VV036778.D
Acq: 05 Aug 2024 11:56

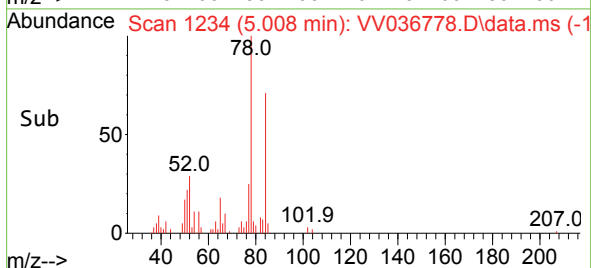
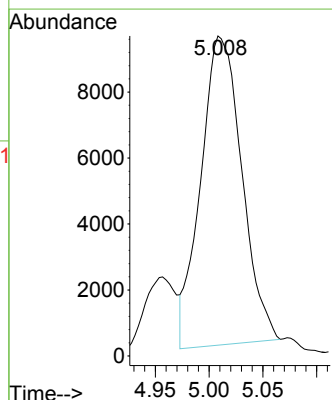
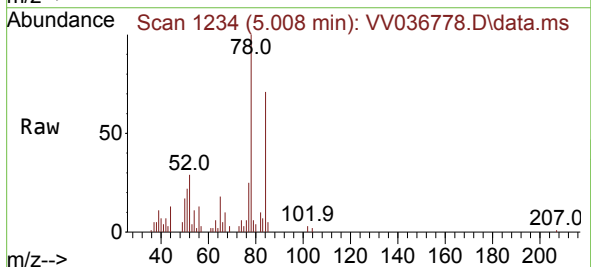
Instrument :
MSVOA_V
ClientSampleId :

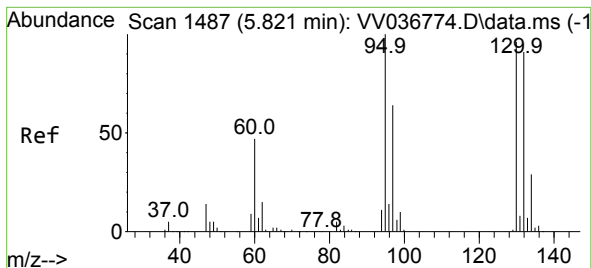
Tgt Ion:117 Resp: 9114
Ion Ratio Lower Upper
117 100
119 98.7 76.1 114.1



#33
Benzene
Concen: 1.842 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. 0.010 min
Lab File: VV036778.D
Acq: 05 Aug 2024 11:56

Tgt Ion: 78 Resp: 24858





#34

Trichloroethene

Concen: 2.094 ug/L

RT: 5.834 min Scan# 1487

Delta R.T. 0.013 min

Lab File: VV036778.D

Acq: 05 Aug 2024 11:56

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 8192

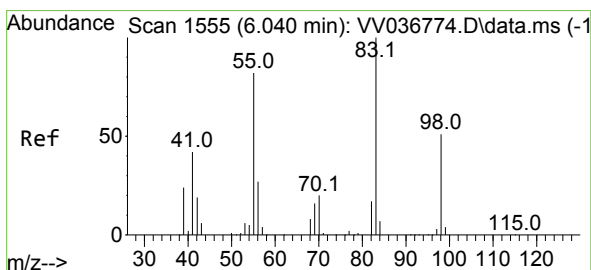
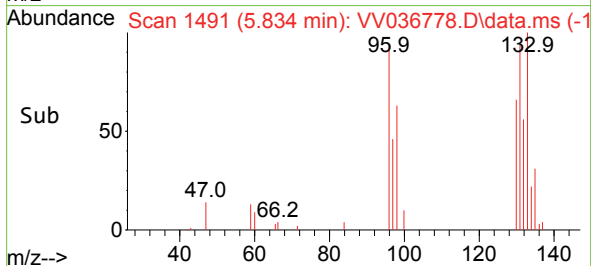
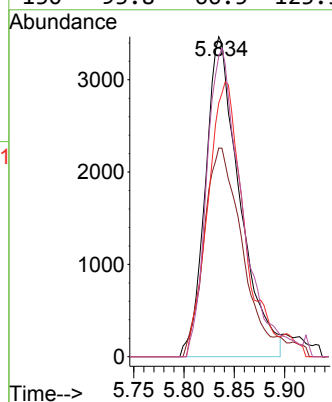
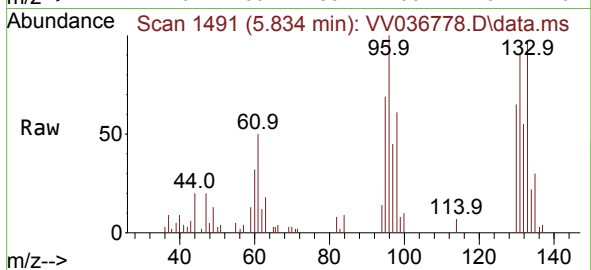
Ion Ratio Lower Upper

95 100

97 65.2 44.7 82.9

132 79.3 62.9 116.9

130 93.8 66.5 123.5



#35

Methylcyclohexane

Concen: 2.070 ug/L

RT: 6.047 min Scan# 1557

Delta R.T. 0.007 min

Lab File: VV036778.D

Acq: 05 Aug 2024 11:56

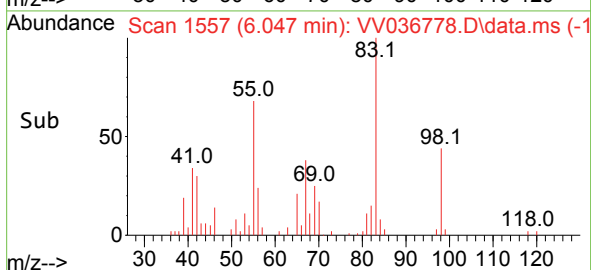
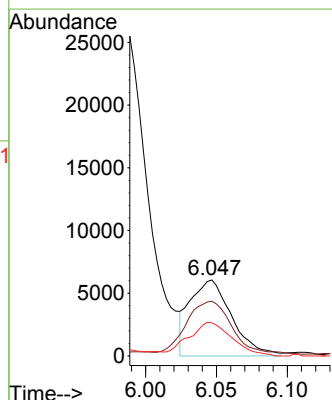
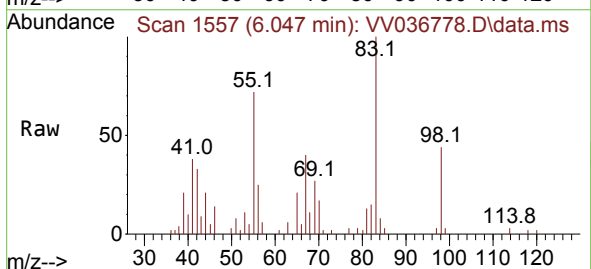
Tgt Ion: 83 Resp: 12423

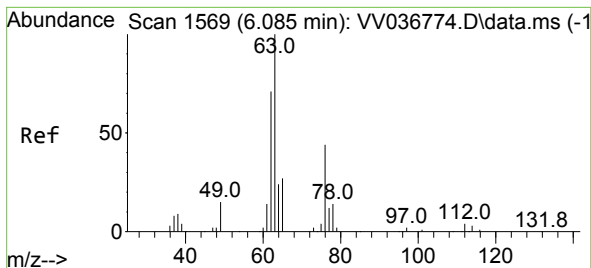
Ion Ratio Lower Upper

83 100

55 69.1 62.3 93.5

98 46.3 38.7 58.1





#37

1,2-Dichloropropane

Concen: 1.942 ug/L

RT: 6.101 min Scan# 1

Delta R.T. 0.016 min

Lab File: VV036778.D

Acq: 05 Aug 2024 11:56

Instrument :

MSVOA_V

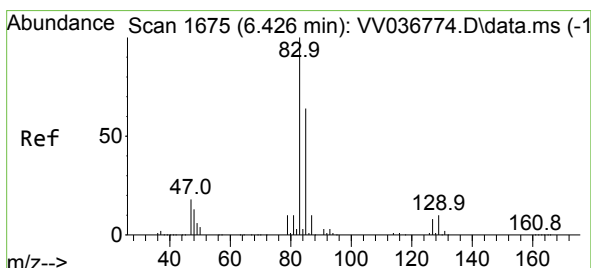
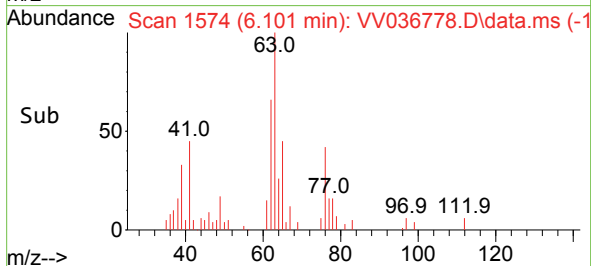
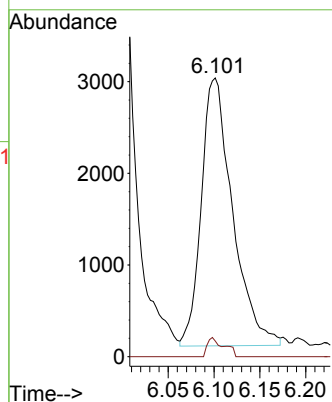
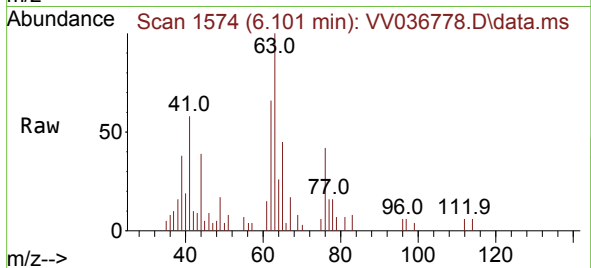
ClientSampleId :

Tgt Ion: 63 Resp: 6944

Ion Ratio Lower Upper

63 100

112 2.5 3.6 5.4#



#38

Bromodichloromethane

Concen: 1.840 ug/L

RT: 6.442 min Scan# 1680

Delta R.T. 0.016 min

Lab File: VV036778.D

Acq: 05 Aug 2024 11:56

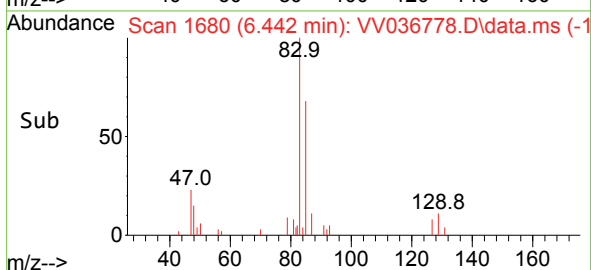
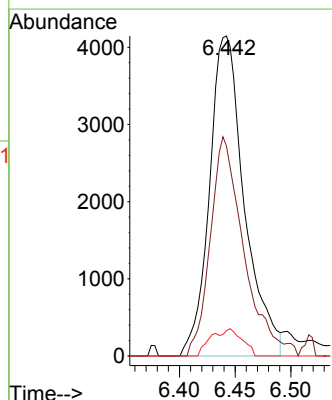
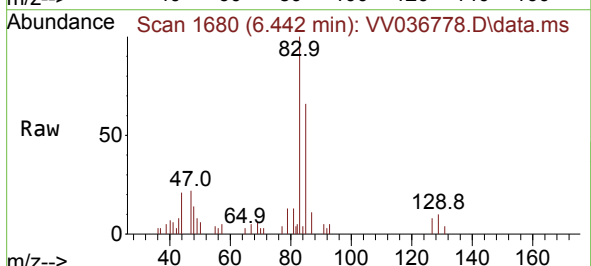
Tgt Ion: 83 Resp: 9059

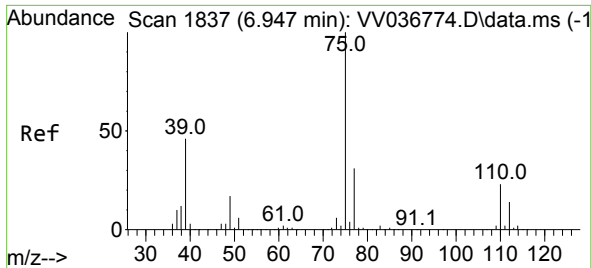
Ion Ratio Lower Upper

83 100

85 65.6 44.7 83.1

127 7.9 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 0.295 ug/L

RT: 6.960 min Scan# 11

Delta R.T. 0.013 min

Lab File: VV036778.D

Acq: 05 Aug 2024 11:56

Instrument :

MSVOA_V

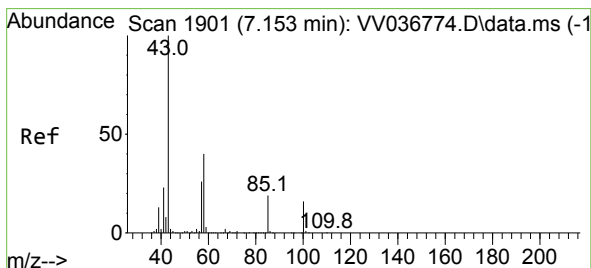
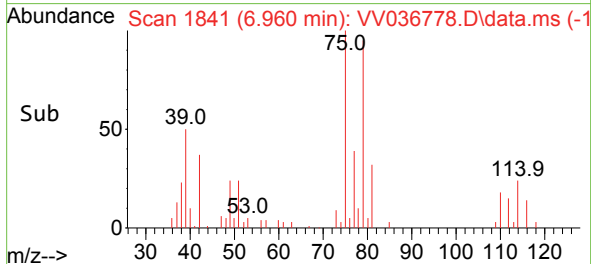
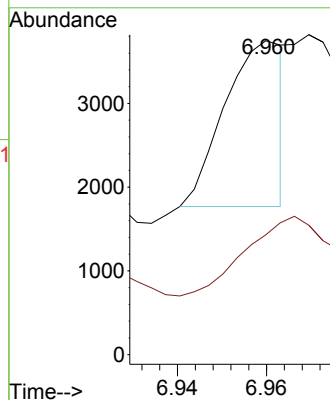
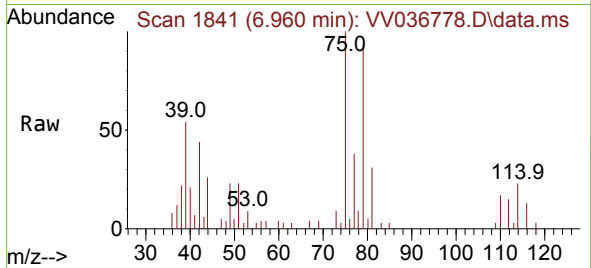
ClientSampleId :

Tgt Ion: 75 Resp: 1806

Ion Ratio Lower Upper

75 100

77 38.2 22.2 41.2



#40

4-Methyl-2-pentanone

Concen: 2.742 ug/L

RT: 7.172 min Scan# 1907

Delta R.T. 0.019 min

Lab File: VV036778.D

Acq: 05 Aug 2024 11:56

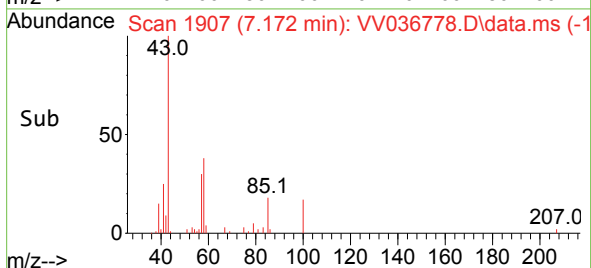
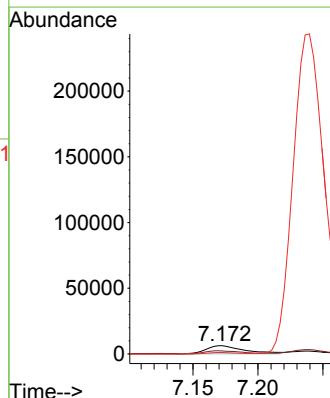
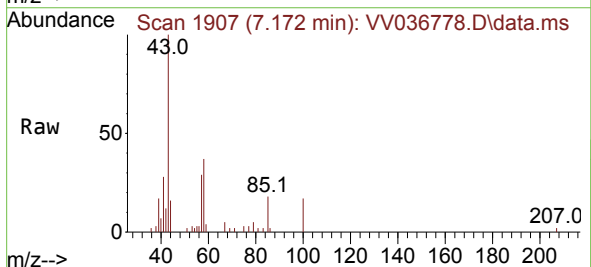
Tgt Ion: 43 Resp: 12142

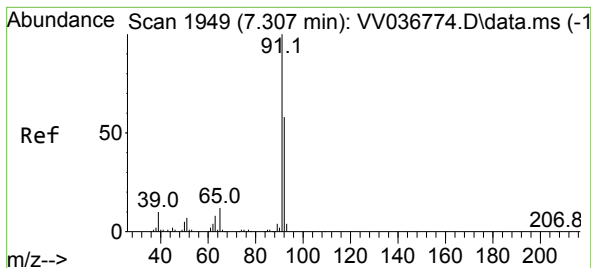
Ion Ratio Lower Upper

43 100

58 39.3 31.3 46.9

100 14.2 12.6 18.8





#42

Toluene

Concen: 1.949 ug/L

RT: 7.320 min Scan# 1949

Delta R.T. 0.013 min

Lab File: VV036778.D

Acq: 05 Aug 2024 11:56

Instrument :

MSVOA_V

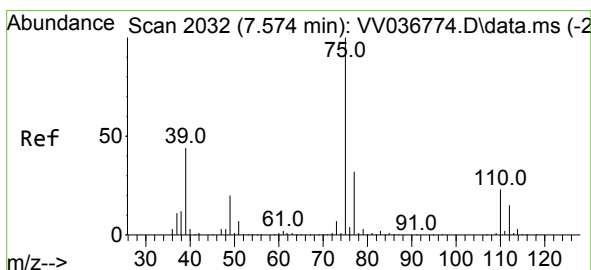
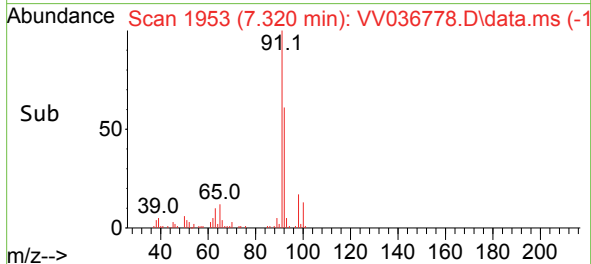
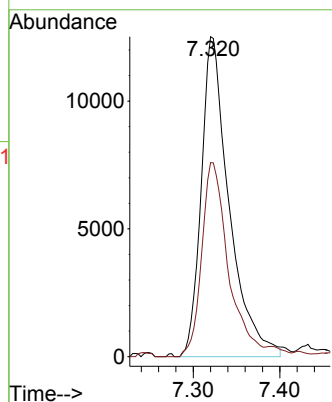
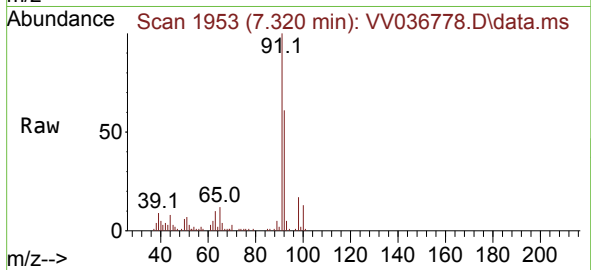
ClientSampleId :

Tgt Ion: 91 Resp: 28018

Ion Ratio Lower Upper

91 100

92 60.6 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 1.607 ug/L

RT: 7.587 min Scan# 2036

Delta R.T. 0.013 min

Lab File: VV036778.D

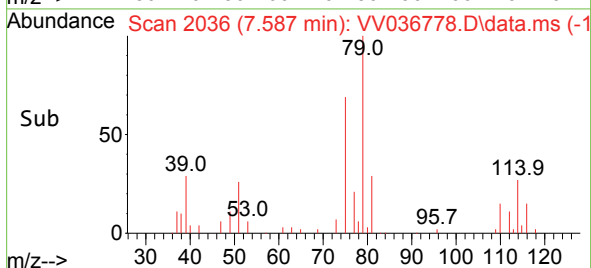
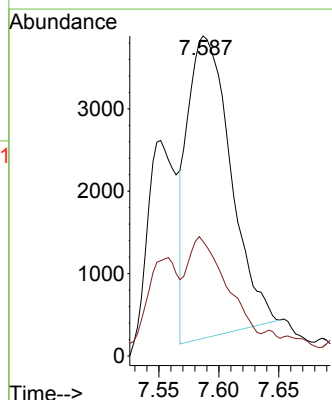
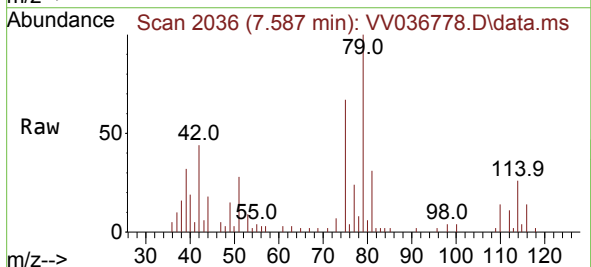
Acq: 05 Aug 2024 11:56

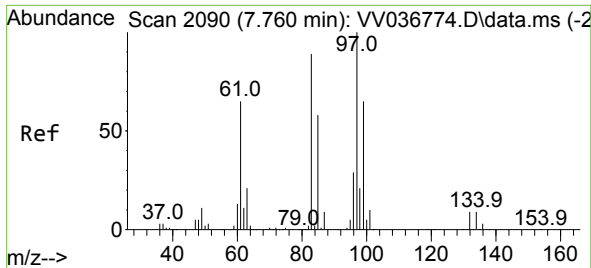
Tgt Ion: 75 Resp: 9171

Ion Ratio Lower Upper

75 100

77 35.8 22.4 41.6

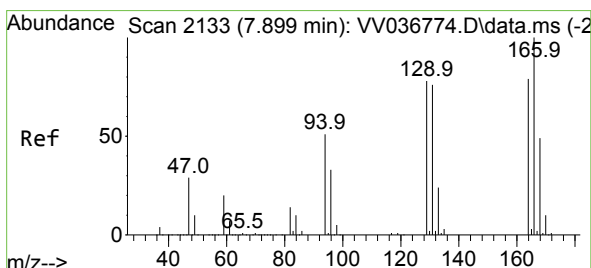
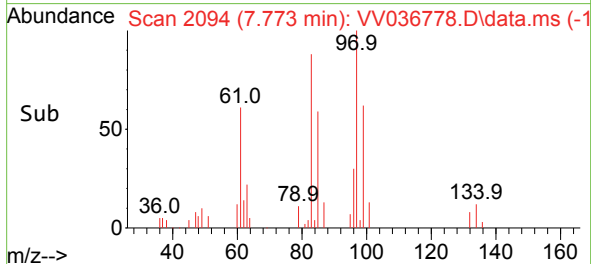
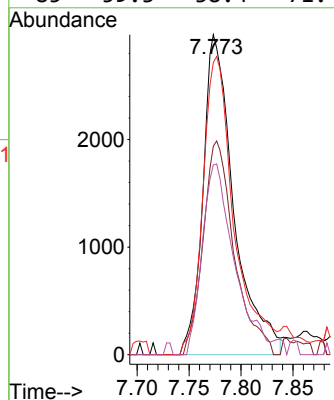
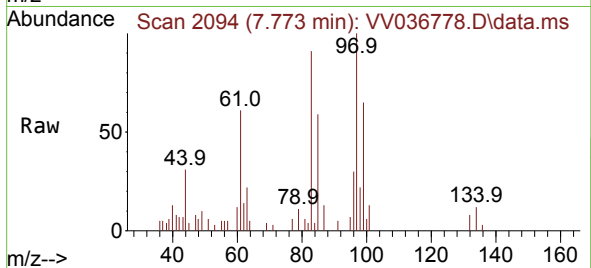




#45
1,1,2-Trichloroethane
Concen: 1.779 ug/L
RT: 7.773 min Scan# 2094
Delta R.T. 0.013 min
Lab File: VV036778.D
Acq: 05 Aug 2024 11:56

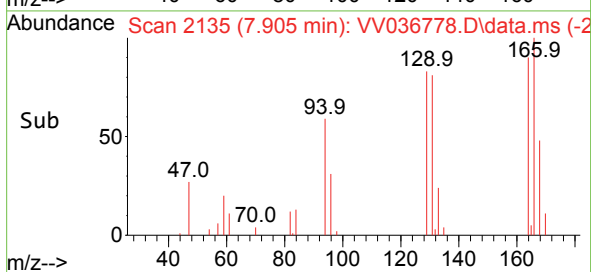
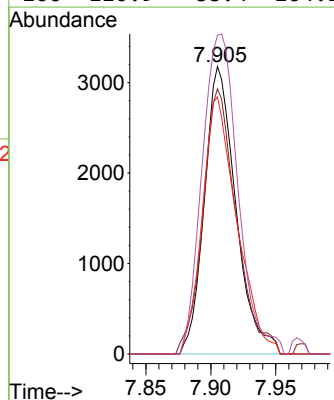
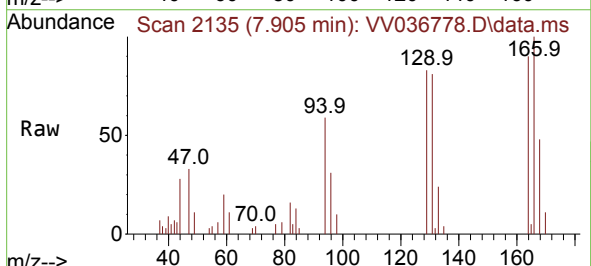
Instrument :
MSVOA_V
ClientSampleId :

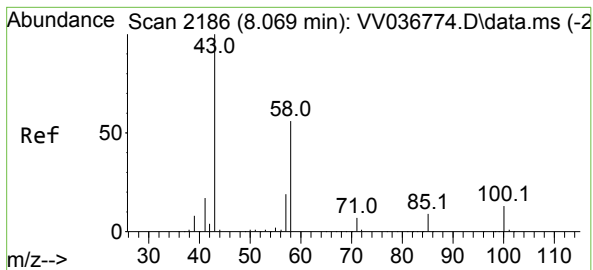
Tgt Ion: 97	Resp: 6159
Ion Ratio	Lower Upper
97 100	
99 65.2	44.0 81.6
83 91.3	60.1 111.5
85 59.3	38.4 71.4



#46
Tetrachloroethene
Concen: 2.085 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.007 min
Lab File: VV036778.D
Acq: 05 Aug 2024 11:56

Tgt Ion:164	Resp: 5349
Ion Ratio	Lower Upper
164 100	
129 92.2	70.4 130.8
131 89.4	67.7 125.7
166 110.9	88.4 164.2





#48

2-Hexanone

Concen: 7.666 ug/L

RT: 8.085 min Scan# 2186

Delta R.T. 0.016 min

Lab File: VV036778.D

Acq: 05 Aug 2024 11:56

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 24978

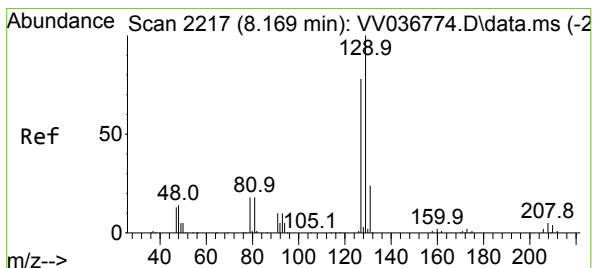
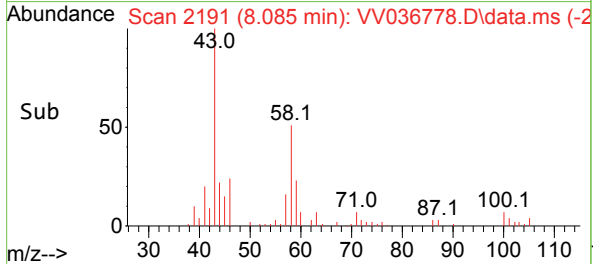
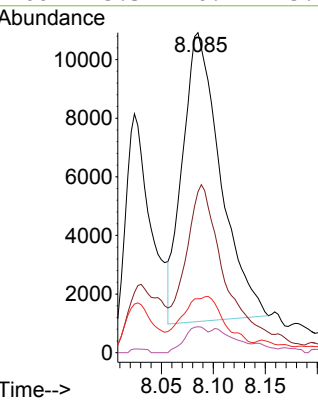
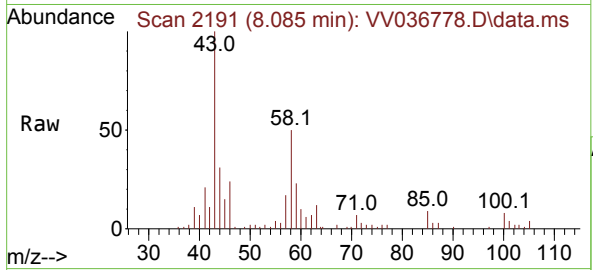
Ion Ratio Lower Upper

43 100

58 51.4 44.7 67.1

57 0.0 15.0 22.4#

100 5.3 10.2 15.4#



#49

Dibromochloromethane

Concen: 1.872 ug/L

RT: 8.175 min Scan# 2219

Delta R.T. 0.007 min

Lab File: VV036778.D

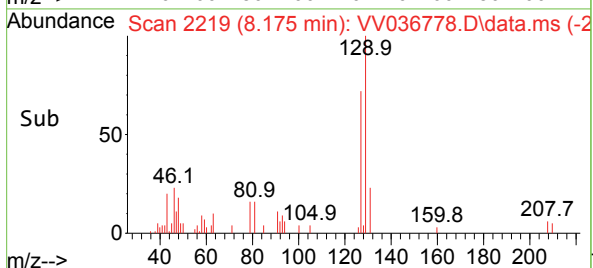
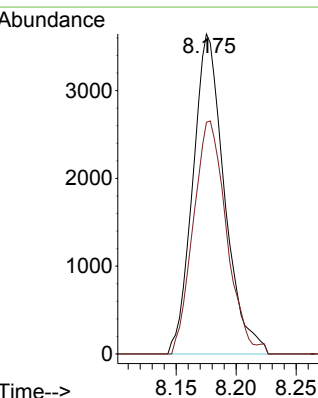
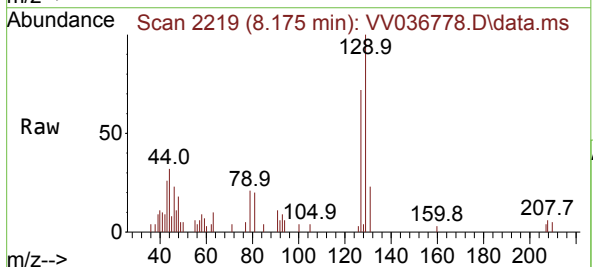
Acq: 05 Aug 2024 11:56

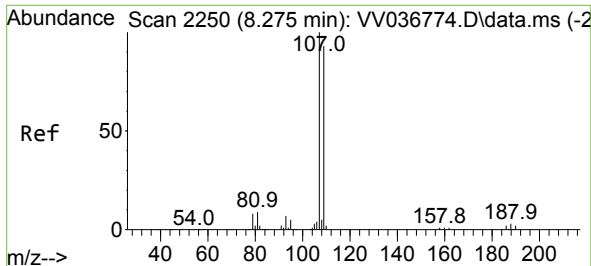
Tgt Ion: 129 Resp: 6662

Ion Ratio Lower Upper

129 100

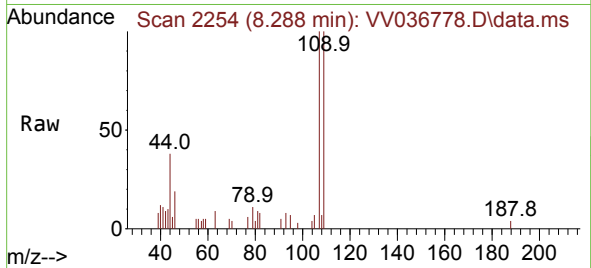
127 72.4 55.4 102.8



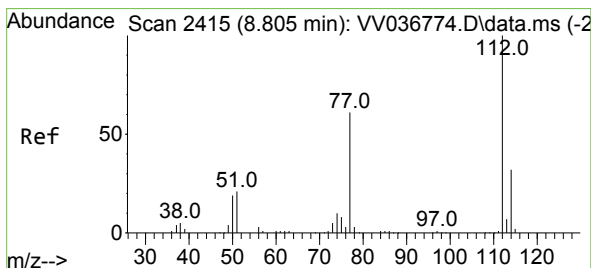
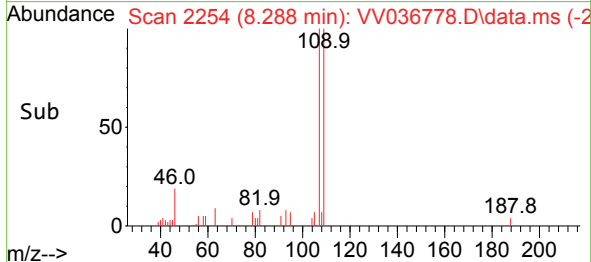
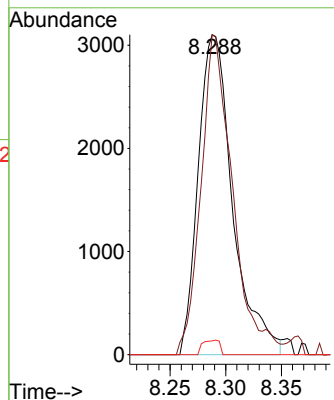


#50
1,2-Dibromoethane
Concen: 1.856 ug/L
RT: 8.288 min Scan# 21
Delta R.T. 0.013 min
Lab File: VV036778.D
Acq: 05 Aug 2024 11:56

Instrument :
MSVOA_V
ClientSampleId :

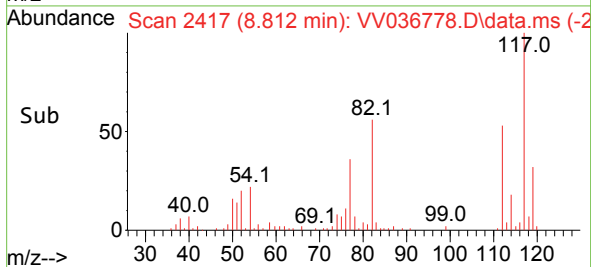
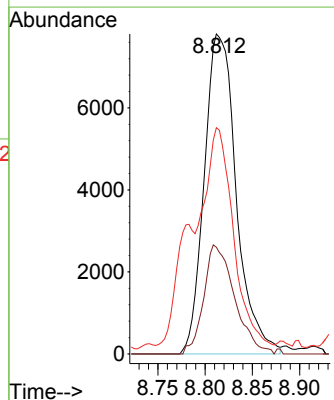
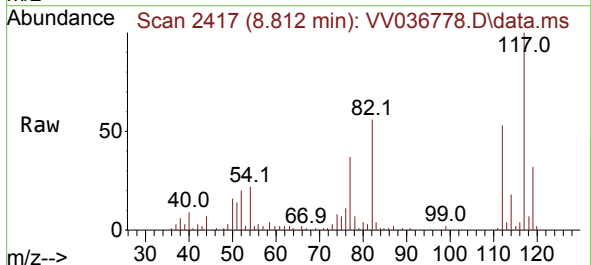


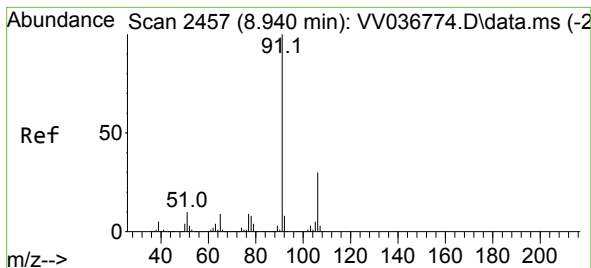
Tgt Ion:107 Resp: 6667
Ion Ratio Lower Upper
107 100
109 100.0 64.7 120.1
188 4.3 2.6 3.8#



#51
Chlorobenzene
Concen: 1.994 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.007 min
Lab File: VV036778.D
Acq: 05 Aug 2024 11:56

Tgt Ion:112 Resp: 18389
Ion Ratio Lower Upper
112 100
114 33.3 22.3 41.5
77 70.7 48.9 73.3





#52

Ethylbenzene

Concen: 1.926 ug/L

RT: 8.947 min Scan# 2457

Delta R.T. 0.007 min

Lab File: VV036778.D

Acq: 05 Aug 2024 11:56

Instrument :

MSVOA_V

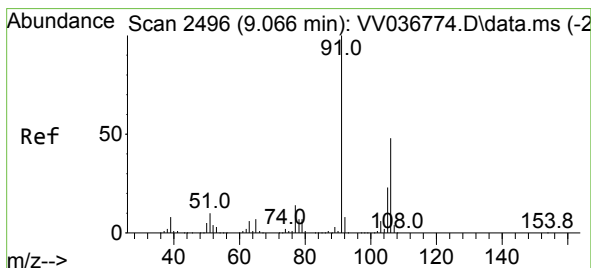
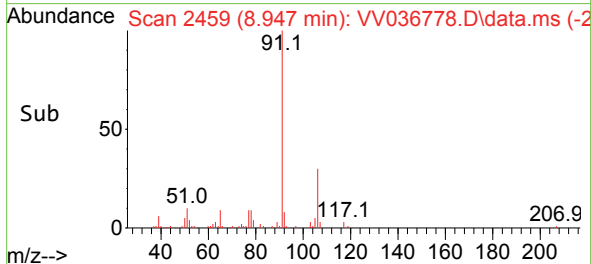
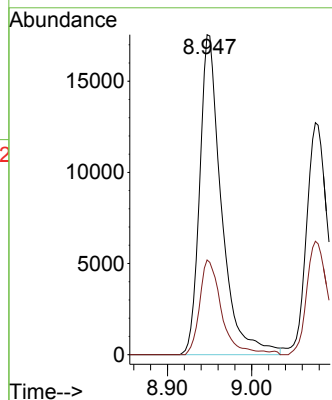
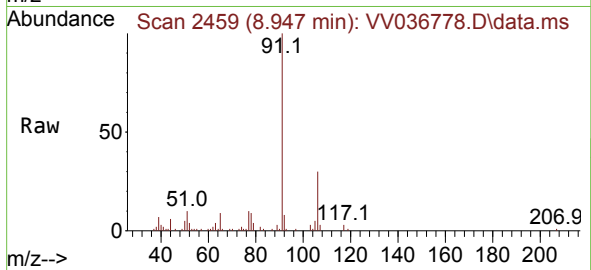
ClientSampleId :

Tgt Ion: 91 Resp: 31610

Ion Ratio Lower Upper

91 100

106 29.6 21.1 39.1



#53

m,p-Xylene

Concen: 1.863 ug/L

RT: 9.075 min Scan# 2499

Delta R.T. 0.010 min

Lab File: VV036778.D

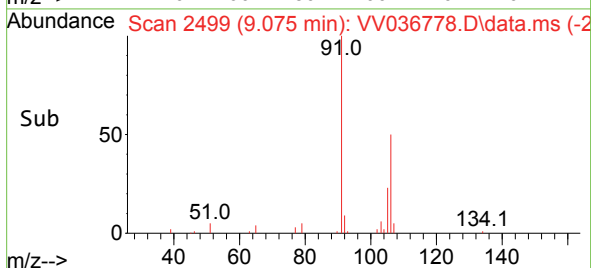
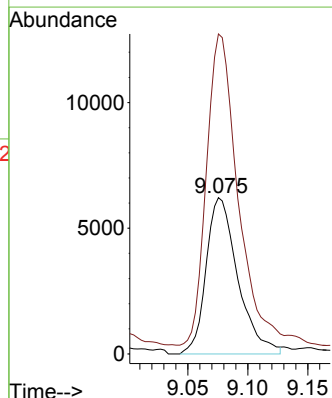
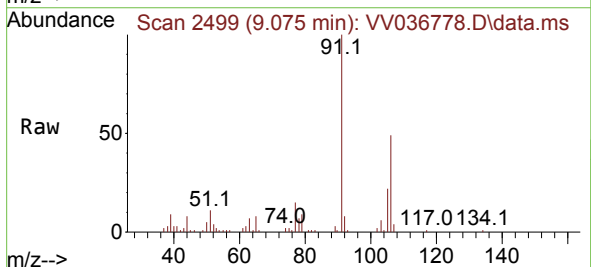
Acq: 05 Aug 2024 11:56

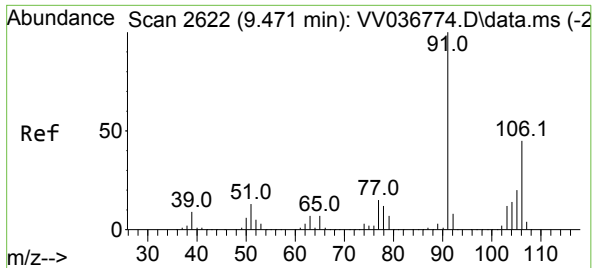
Tgt Ion: 106 Resp: 11432

Ion Ratio Lower Upper

106 100

91 204.7 147.1 273.3

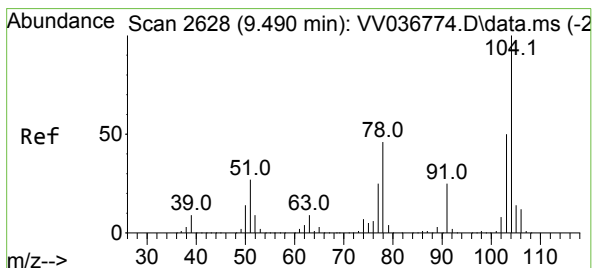
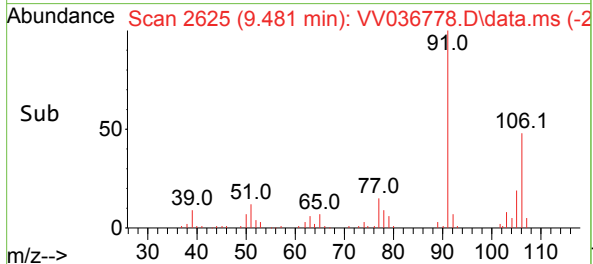
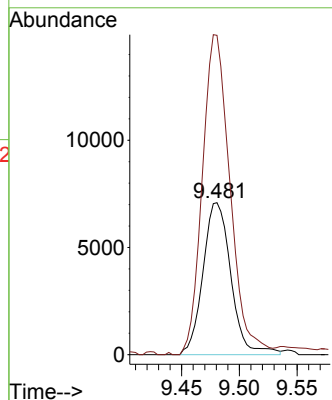
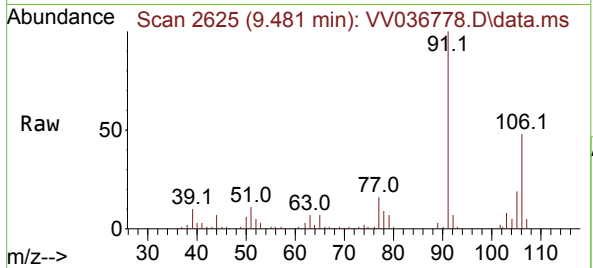




#54
o-Xylene
Concen: 1.988 ug/L
RT: 9.481 min Scan# 2625
Delta R.T. 0.010 min
Lab File: VV036778.D
Acq: 05 Aug 2024 11:56

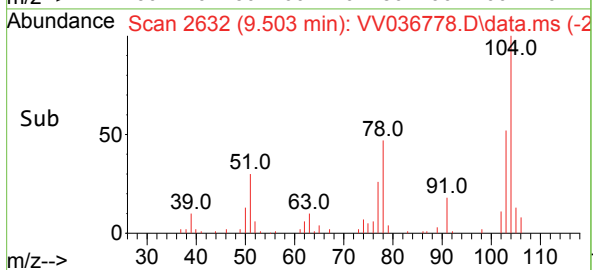
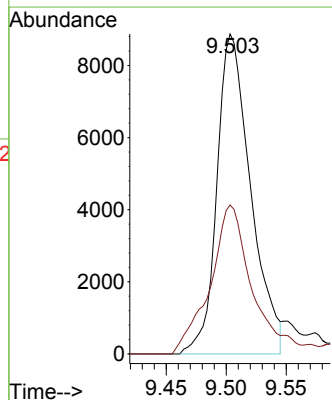
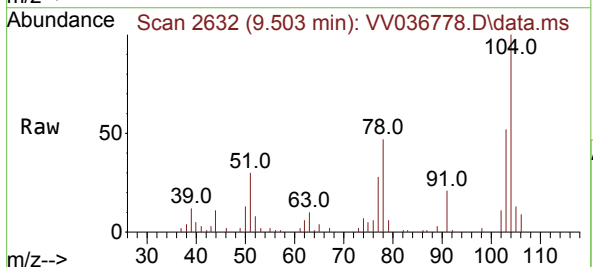
Instrument :
MSVOA_V
ClientSampleId :

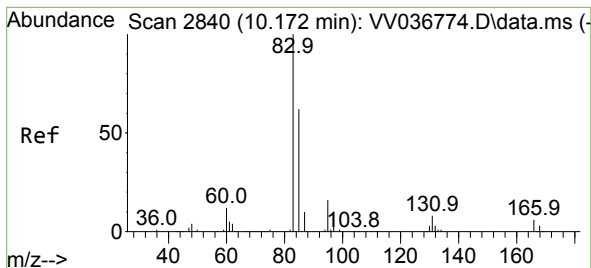
Tgt Ion:106 Resp: 11931
Ion Ratio Lower Upper
106 100
91 210.2 154.5 286.9



#55
Styrene
Concen: 1.690 ug/L
RT: 9.503 min Scan# 2632
Delta R.T. 0.013 min
Lab File: VV036778.D
Acq: 05 Aug 2024 11:56

Tgt Ion:104 Resp: 17384
Ion Ratio Lower Upper
104 100
78 46.6 32.1 59.7

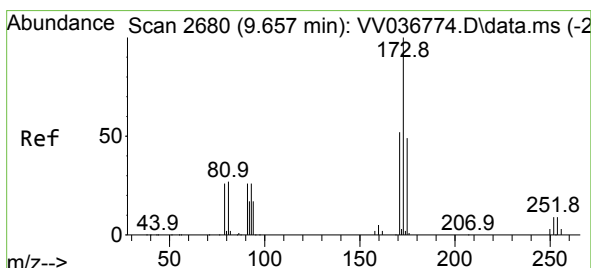
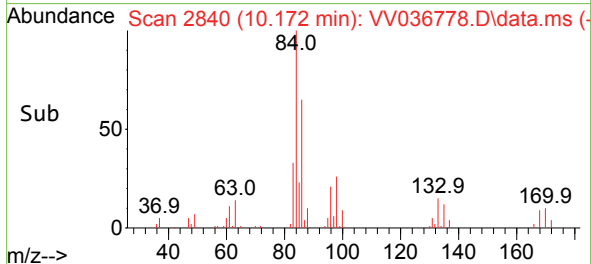
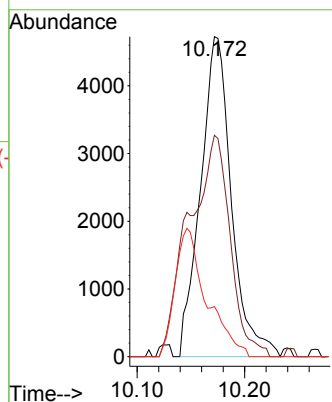
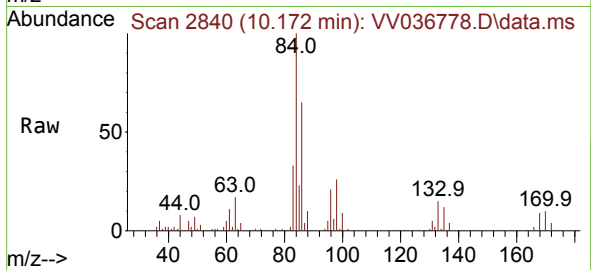




#57
 1,1,2,2-Tetrachloroethane
 Concen: 2.018 ug/L
 RT: 10.172 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV036778.D
 Acq: 05 Aug 2024 11:56

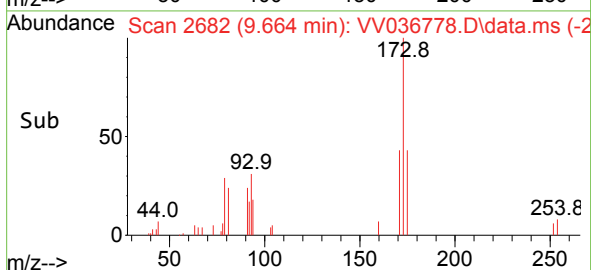
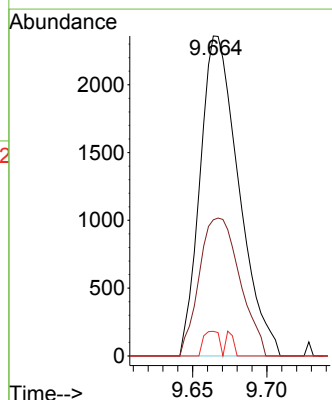
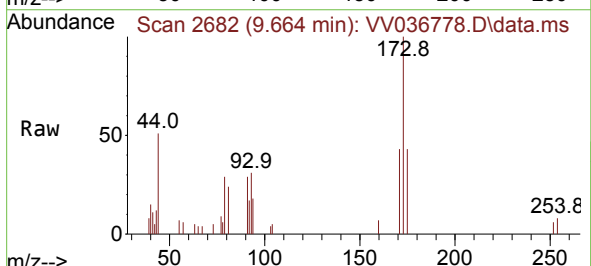
Instrument :
 MSVOA_V
 ClientSampleId :

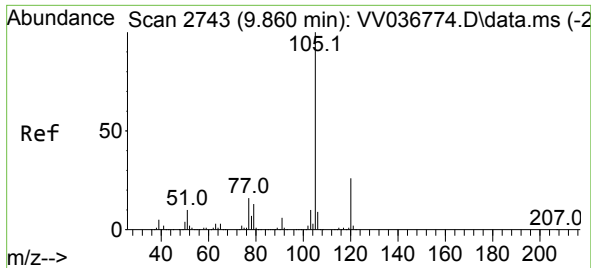
Tgt Ion: 83 Resp: 9426
 Ion Ratio Lower Upper
 83 100
 85 69.2 44.7 83.1
 131 15.7 7.2 10.8#



#59
 Bromoform
 Concen: 1.746 ug/L
 RT: 9.664 min Scan# 2682
 Delta R.T. 0.007 min
 Lab File: VV036778.D
 Acq: 05 Aug 2024 11:56

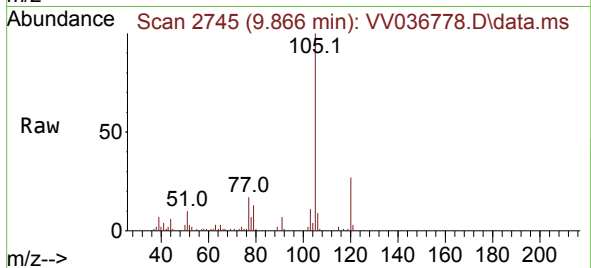
Tgt Ion: 173 Resp: 4267
 Ion Ratio Lower Upper
 173 100
 175 45.3 39.8 59.8
 254 3.1 6.8 10.2#



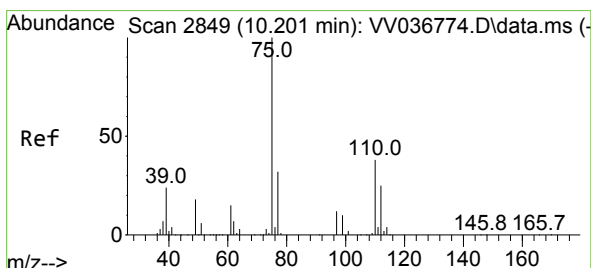
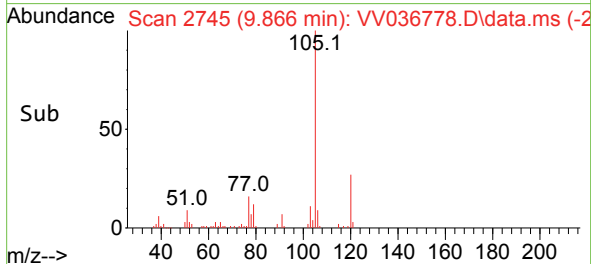
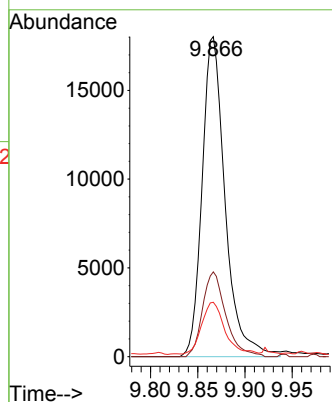


#60
Isopropylbenzene
Concen: 1.900 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.007 min
Lab File: VV036778.D
Acq: 05 Aug 2024 11:56

Instrument :
MSVOA_V
ClientSampleId :

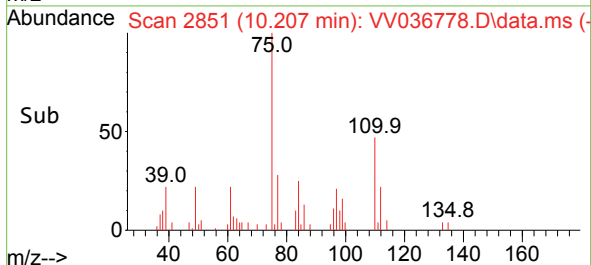
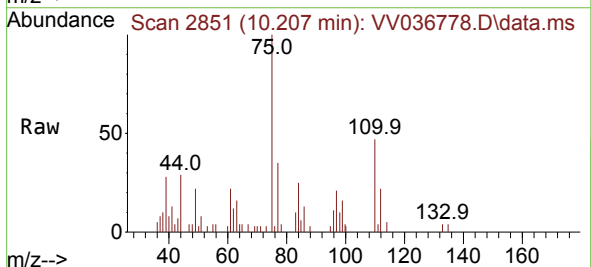
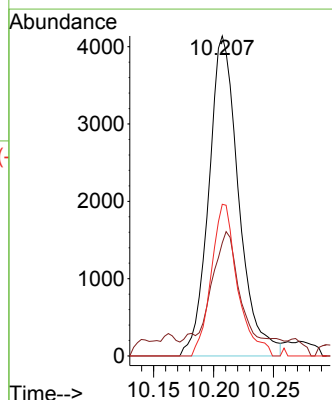


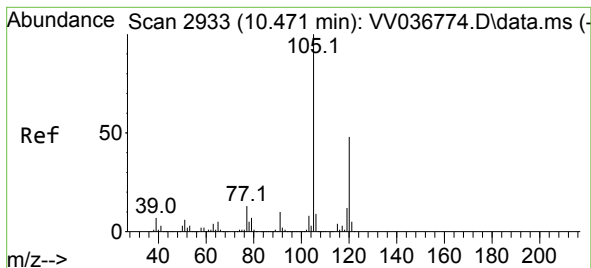
Tgt Ion:	105	Resp:	30549
Ion Ratio	Lower	Upper	
105	100		
120	26.6	20.3	30.5
77	15.7	13.1	19.7



#61
1,2,3-Trichloropropane
Concen: 1.801 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.007 min
Lab File: VV036778.D
Acq: 05 Aug 2024 11:56

Tgt Ion:	75	Resp:	7161
Ion Ratio	Lower	Upper	
75	100		
77	27.7	26.2	39.2
110	41.7	31.3	46.9





#62

1,3,5-Trimethylbenzene

Concen: 1.832 ug/L

RT: 10.474 min Scan# 2933

Delta R.T. 0.003 min

Lab File: VV036778.D

Acq: 05 Aug 2024 11:56

Instrument :

MSVOA_V

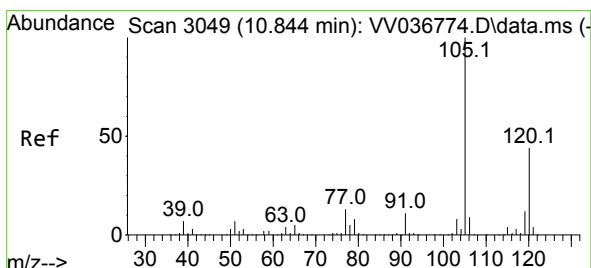
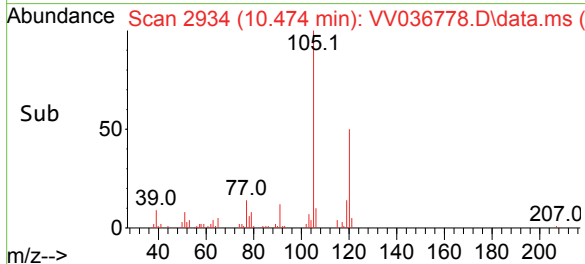
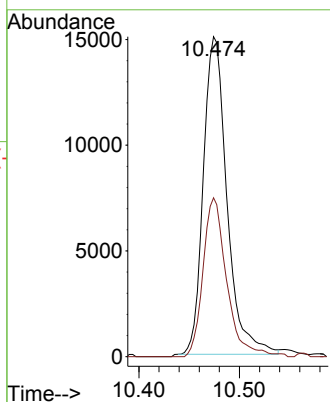
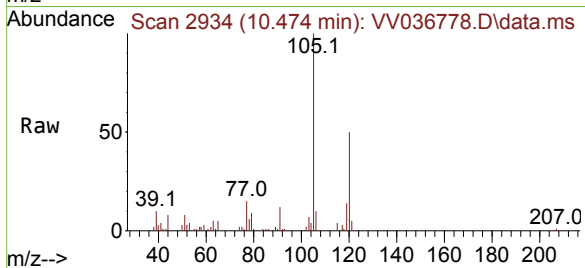
ClientSampleId :

Tgt Ion:105 Resp: 24533

Ion Ratio Lower Upper

105 100

120 49.8 37.7 56.5



#63

1,2,4-Trimethylbenzene

Concen: 1.849 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.007 min

Lab File: VV036778.D

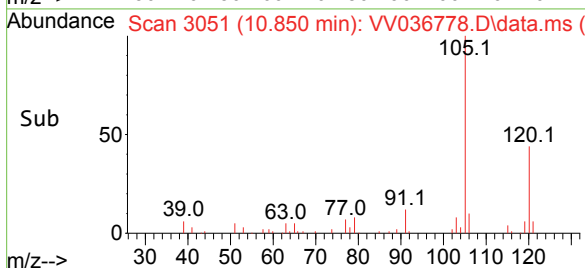
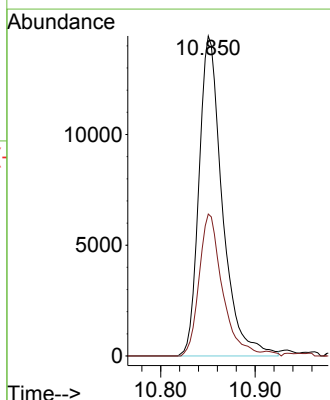
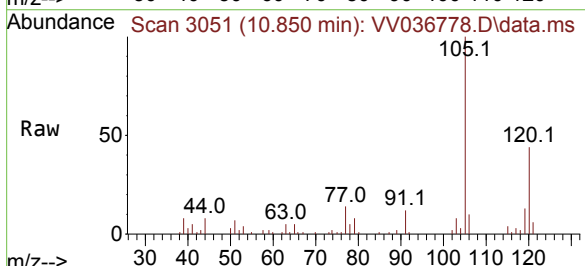
Acq: 05 Aug 2024 11:56

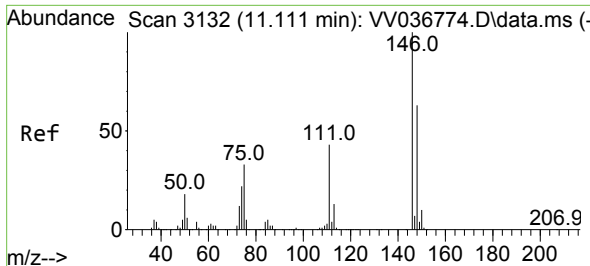
Tgt Ion:105 Resp: 24774

Ion Ratio Lower Upper

105 100

120 44.1 35.6 53.4

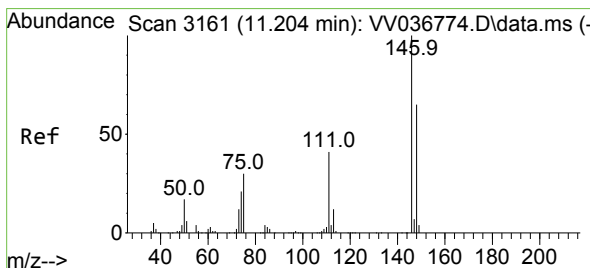
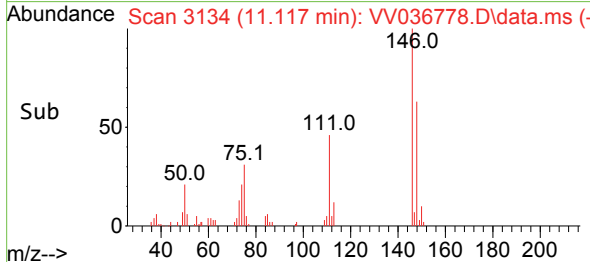
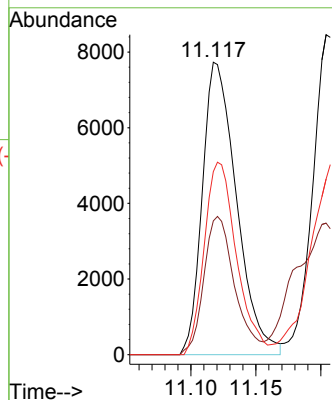
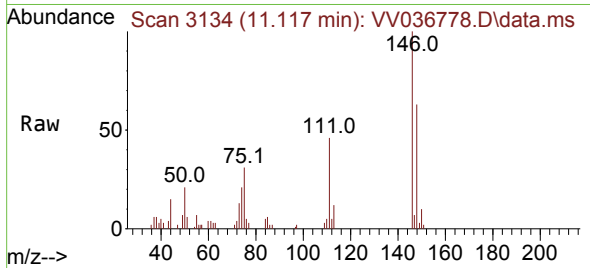




#64
1,3-Dichlorobenzene
Concen: 2.046 ug/L
RT: 11.117 min Scan# 3132
Delta R.T. 0.007 min
Lab File: VV036778.D
Acq: 05 Aug 2024 11:56

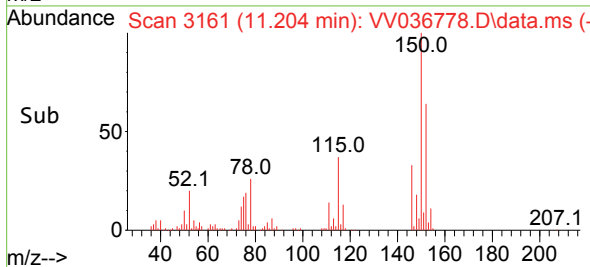
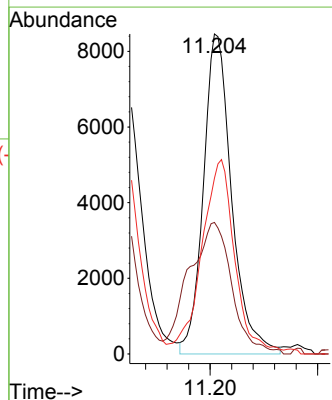
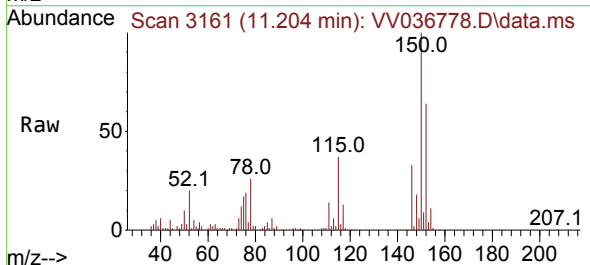
Instrument :
MSVOA_V
ClientSampleId :

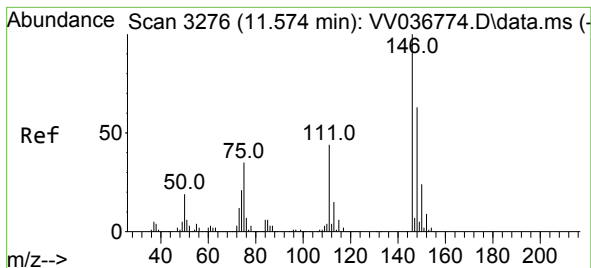
Tgt Ion	Ratio	Lower	Upper
146	100		
111	45.7	29.8	55.4
148	62.6	43.4	80.6



#65
1,4-Dichlorobenzene
Concen: 2.199 ug/L
RT: 11.204 min Scan# 3161
Delta R.T. 0.000 min
Lab File: VV036778.D
Acq: 05 Aug 2024 11:56

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.1	29.0	53.9
148	54.9	43.8	81.4





#67

1,2-Dichlorobenzene

Concen: 2.112 ug/L

RT: 11.574 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV036778.D

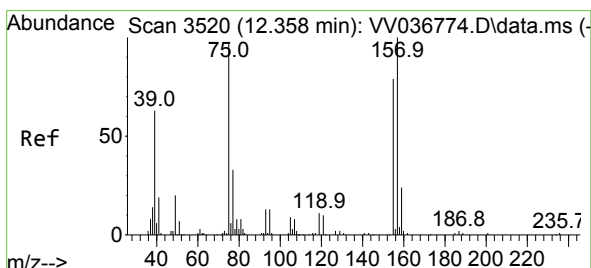
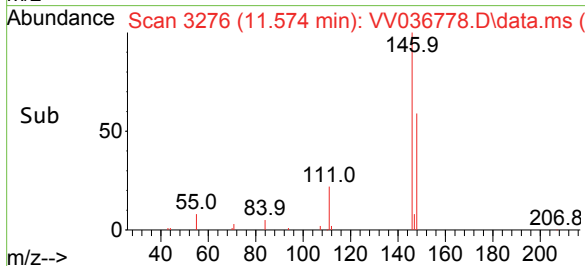
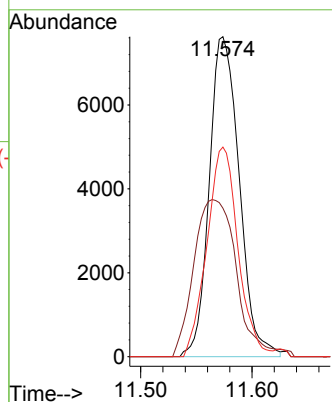
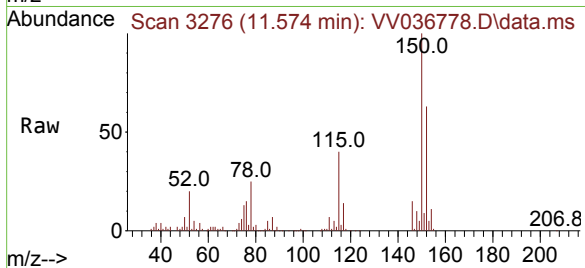
Acq: 05 Aug 2024 11:56

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	146	Resp:	14267
Ion Ratio	Lower	Upper	
146	100		
111	46.4	35.7	53.5
148	65.5	51.2	76.8



#68

1,2-Dibromo-3-chloropropane

Concen: 1.623 ug/L

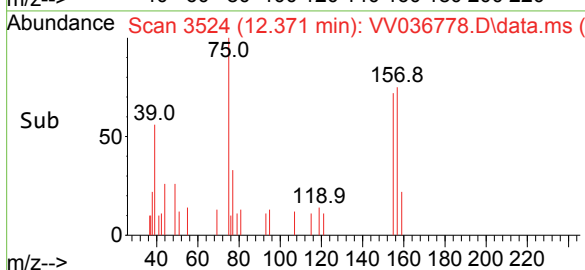
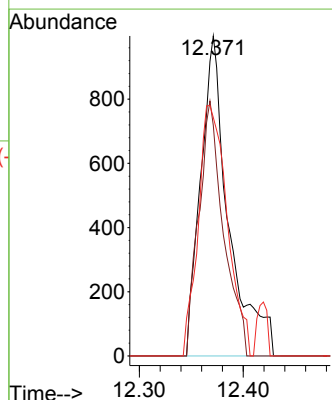
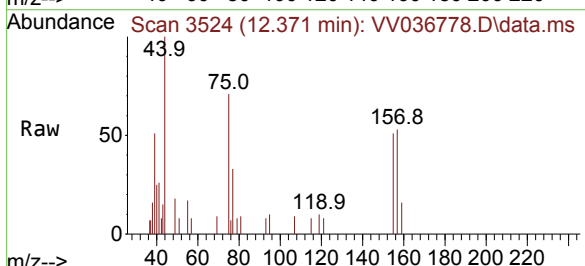
RT: 12.371 min Scan# 3524

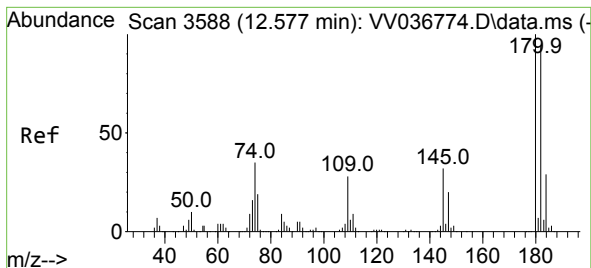
Delta R.T. 0.013 min

Lab File: VV036778.D

Acq: 05 Aug 2024 11:56

Tgt Ion:	75	Resp:	1865
Ion Ratio	Lower	Upper	
75	100		
155	72.0	59.5	89.3
157	74.5	81.0	121.4#





#69

1,3,5-Trichlorobenzene

Concen: 1.970 ug/L

RT: 12.580 min Scan# 31

Delta R.T. 0.003 min

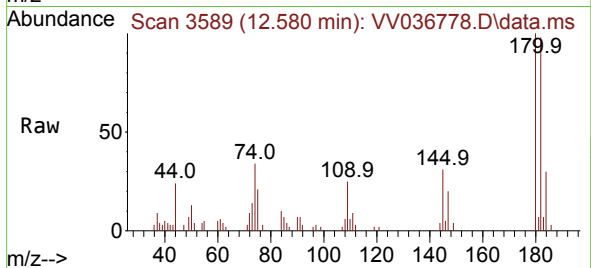
Lab File: VV036778.D

Acq: 05 Aug 2024 11:56

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 9666

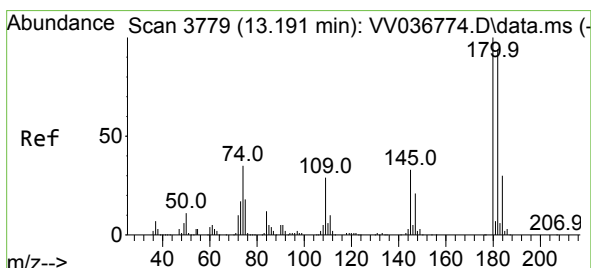
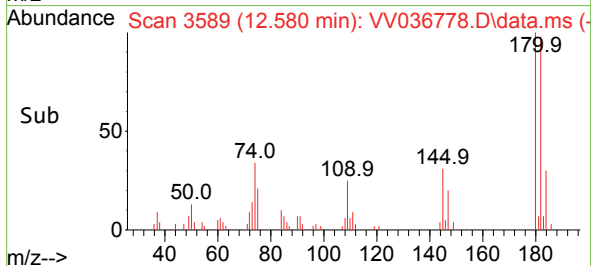
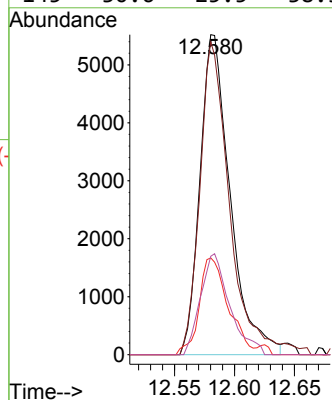
Ion Ratio Lower Upper

180 100

182 94.8 75.0 112.6

184 29.1 23.7 35.5

145 30.6 25.5 38.3



#70

1,2,4-trichlorobenzene

Concen: 2.053 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.010 min

Lab File: VV036778.D

Acq: 05 Aug 2024 11:56

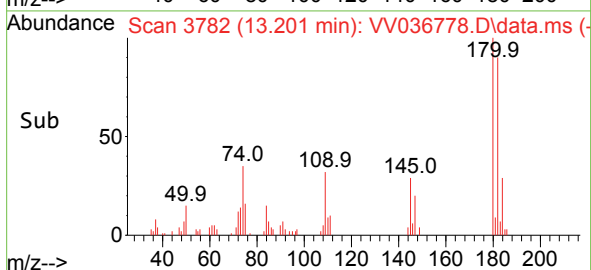
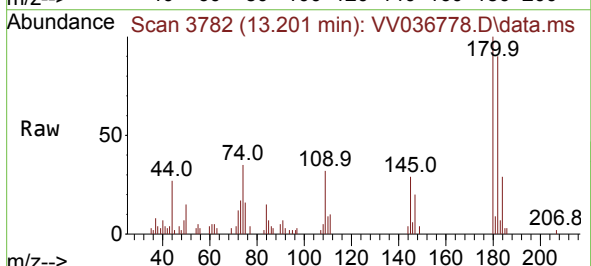
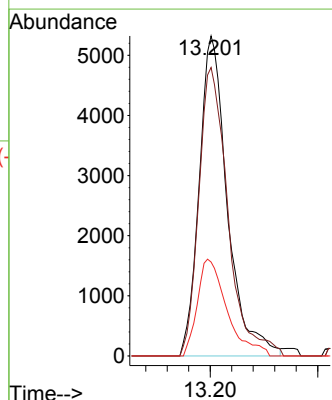
Tgt Ion:180 Resp: 9664

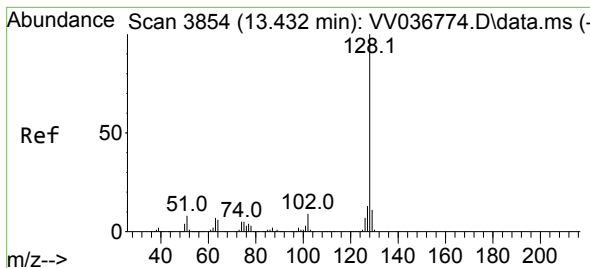
Ion Ratio Lower Upper

180 100

182 93.2 75.1 112.7

145 31.1 26.5 39.7





#71

Naphthalene

Concen: 1.925 ug/L

RT: 13.442 min Scan# 3931

Delta R.T. 0.010 min

Lab File: VV036778.D

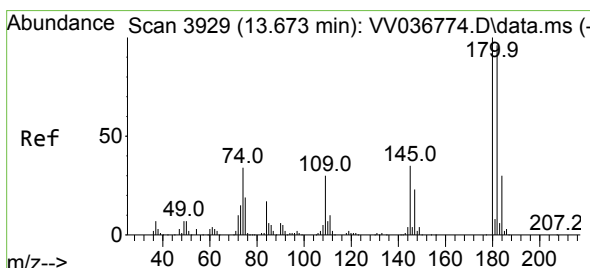
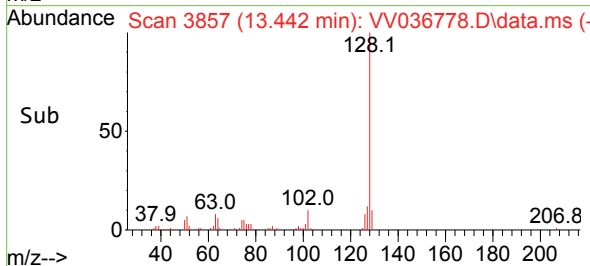
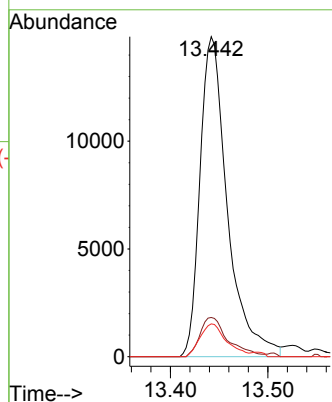
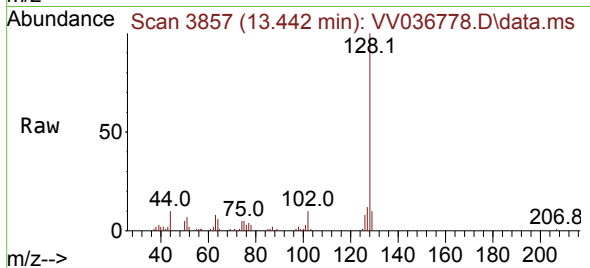
Acq: 05 Aug 2024 11:56

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	128	Resp:	29053
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.5	15.7
129	9.9	8.7	13.1



#72

1,2,3-Trichlorobenzene

Concen: 1.862 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. 0.007 min

Lab File: VV036778.D

Acq: 05 Aug 2024 11:56

Tgt Ion:	180	Resp:	8578
Ion Ratio	Lower	Upper	
180	100		
182	91.9	76.2	114.2
145	36.3	27.8	41.6

