

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW070524\
 Data File : VW036462.D
 Acq On : 05 Jul 2024 13:58
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 06 01:40:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 06 01:35:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	309009	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	326124	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	196571	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	80302	15.302	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.200%
7) Chloroethane-d5	1.526	69	71873	17.147	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.600%
11) 1,1-Dichloroethene-d2	2.050	65	39191	15.886	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.560%
21) 2-Butanone-d5	3.831	46	49645	40.760	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.520%
24) Chloroform-d	4.243	84	189478	20.773	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.080%
26) 1,2-Dichloroethane-d4	4.937	65	99566	20.469	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.880%
32) Benzene-d6	4.953	84	318791	17.316	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	69.280%
36) 1,2-Dichloropropane-d6	5.985	67	99705	18.005	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	72.040%
41) Toluene-d8	7.239	98	295013	17.773	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	71.080%
43) trans-1,3-Dichloroprop...	7.551	79	44576	18.026	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.120%
47) 2-Hexanone-d5	8.030	63	31866	36.051	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.100%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	100709	22.187	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.760%
66) 1,2-Dichlorobenzene-d4	11.557	152	131837	18.404	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	73.600%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.101	85	144054	24.536	ug/L	99
3) Chloromethane	1.211	50	117811	22.168	ug/L	100
5) Vinyl chloride	1.275	62	141039	22.982	ug/L	100
6) Bromomethane	1.481	94	105150	25.476	ug/L	100
8) Chloroethane	1.542	64	90975	24.053	ug/L	98
9) Trichlorofluoromethane	1.706	101	234339	26.738	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.059	101	148006	26.922	ug/L	96
12) 1,1-Dichloroethene	2.059	96	129451	26.596	ug/L	78
13) Acetone	2.384	43	45805	27.836	ug/L	100
14) Carbon disulfide	2.230	76	344102	22.407	ug/L	99
15) Methyl Acetate	2.384	43	50482	23.840	ug/L	98
16) Methylene chloride	2.439	84	166410	27.354	ug/L	95
17) trans-1,2-Dichloroethene	2.686	96	120641	24.964	ug/L	95
18) Methyl tert-butyl Ether	2.703	73	277907	24.704	ug/L	99
19) 1,1-Dichloroethane	3.104	63	216709	25.221	ug/L	98
20) cis-1,2-Dichloroethene	3.809	96	121262	24.948	ug/L	94
22) 2-Butanone	3.905	43	56985	41.070	ug/L	76
23) Bromochloromethane	4.140	128	70863	27.960	ug/L	# 90
25) Chloroform	4.268	83	246468	26.893	ug/L	99

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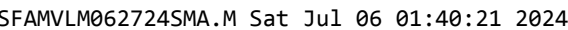
Instrument :
 MSVOA_V
 ClientSampleId :

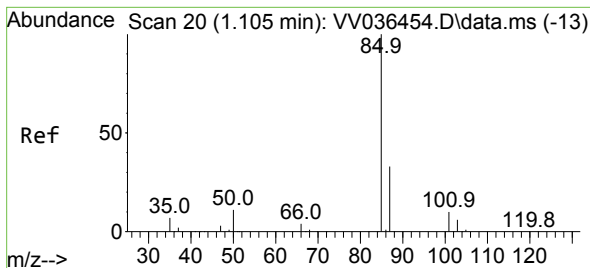
Quant Time: Jul 06 01:40:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 06 01:35:25 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	156139	26.311	ug/L	99
29) Cyclohexane	4.574	56	144268	20.764	ug/L	95
30) 1,1,1-Trichloroethane	4.503	97	209610	25.922	ug/L	98
31) Carbon tetrachloride	4.728	117	189811	26.345	ug/L	100
33) Benzene	5.005	78	480920	24.897	ug/L	100
34) Trichloroethene	5.828	95	147867	24.259	ug/L	94
35) Methylcyclohexane	6.046	83	194815	22.934	ug/L	97
38) Bromodichloromethane	6.429	83	178796	26.499	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	182328	24.035	ug/L	100
40) 4-Methyl-2-pentanone	7.159	43	132078	47.473	ug/L	98
42) Toluene	7.310	91	532417	26.361	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	171578	25.147	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	116585	26.737	ug/L	99
46) Tetrachloroethene	7.902	164	117813	26.595	ug/L	96
48) 2-Hexanone	8.079	43	101006	46.155	ug/L	99
49) Dibromochloromethane	8.172	129	136291	28.039	ug/L	98
50) 1,2-Dibromoethane	8.281	107	115595	26.910	ug/L	100
51) Chlorobenzene	8.812	112	352640	25.542	ug/L	97
52) Ethylbenzene	8.943	91	552221	25.336	ug/L	99
53) m,p-Xylene	9.069	106	219341	27.001	ug/L	97
54) o-Xylene	9.477	106	203618	26.655	ug/L	93
55) Styrene	9.493	104	385954	28.828	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.175	83	103176	26.438	ug/L	99
59) Bromoform	9.664	173	93763	25.198	ug/L	99
60) Isopropylbenzene	9.863	105	556407	23.416	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	97997	22.091	ug/L	96
62) 1,3,5-Trimethylbenzene	10.474	105	391339	23.013	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	438609	23.735	ug/L	98
64) 1,3-Dichlorobenzene	11.114	146	300092	24.237	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	312645	23.556	ug/L	97
67) 1,2-Dichlorobenzene	11.574	146	287740	24.342	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.361	75	22393	22.500	ug/L	94
69) 1,3,5-Trichlorobenzene	12.580	180	221535	23.762	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	174205	23.431	ug/L	99
71) Naphthalene	13.435	128	285515	21.538	ug/L	99
72) 1,2,3-Trichlorobenzene	13.676	180	175164	25.055	ug/L	98

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

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QLast Update : Sat Jul 06 01:35:25 2024
Response via : Initial Calibration

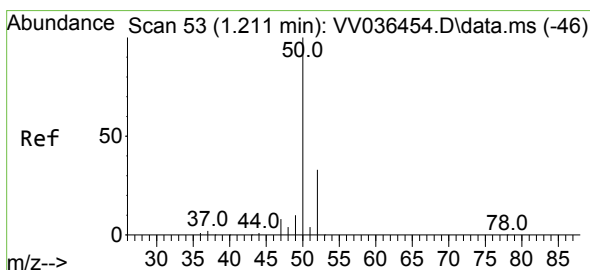
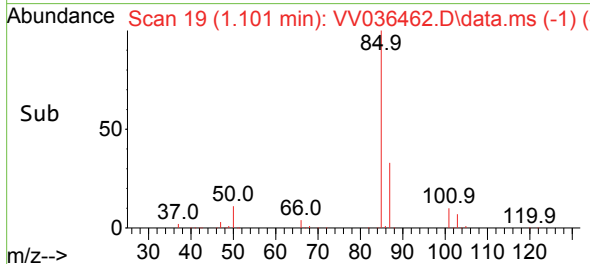
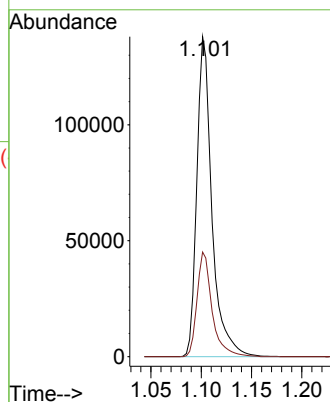
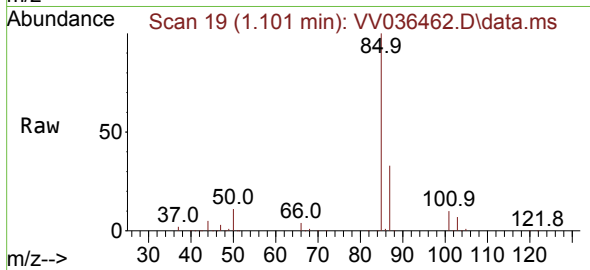




#2
Dichlorodifluoromethane
Concen: 24.536 ug/L
RT: 1.101 min Scan# 19
Delta R.T. -0.003 min
Lab File: VV036462.D
Acq: 05 Jul 2024 13:58

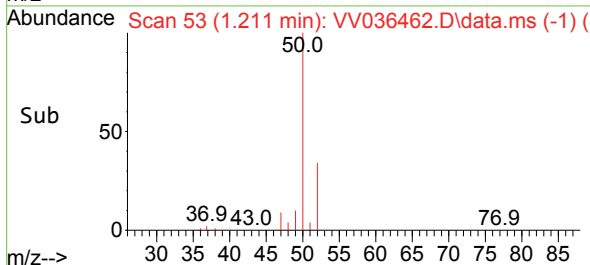
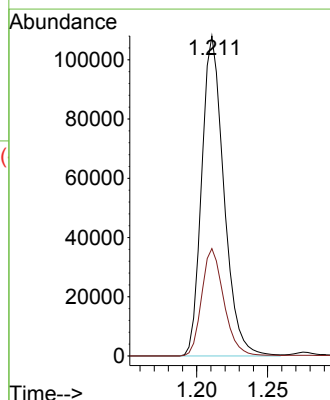
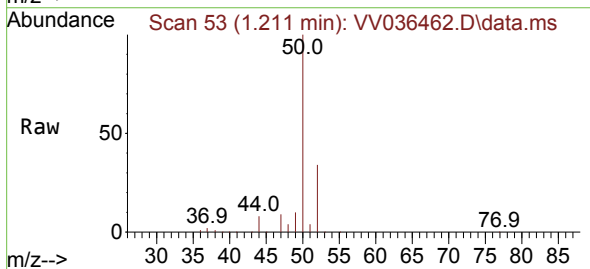
Instrument :
MSVOA_V
ClientSampleId :

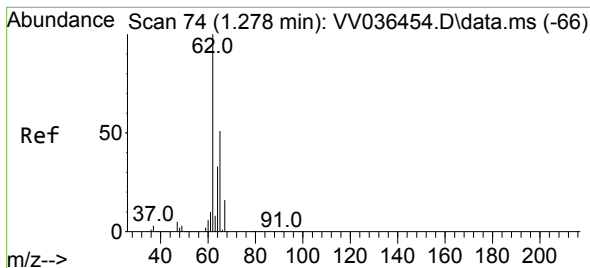
Tgt Ion: 85 Resp: 144054
Ion Ratio Lower Upper
85 100
87 32.7 25.9 38.9



#3
Chloromethane
Concen: 22.168 ug/L
RT: 1.211 min Scan# 53
Delta R.T. -0.000 min
Lab File: VV036462.D
Acq: 05 Jul 2024 13:58

Tgt Ion: 50 Resp: 117811
Ion Ratio Lower Upper
50 100
52 33.6 23.5 43.7





#5

Vinyl chloride

Concen: 22.982 ug/L

RT: 1.275 min Scan# 71

Delta R.T. -0.003 min

Lab File: VV036462.D

Acq: 05 Jul 2024 13:58

Instrument :

MSVOA_V

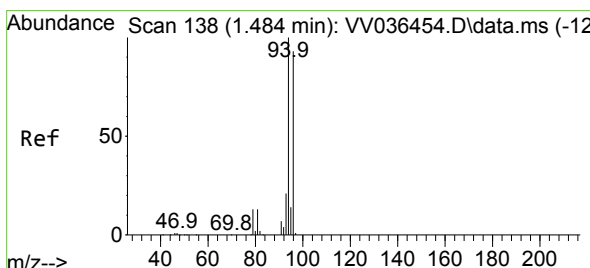
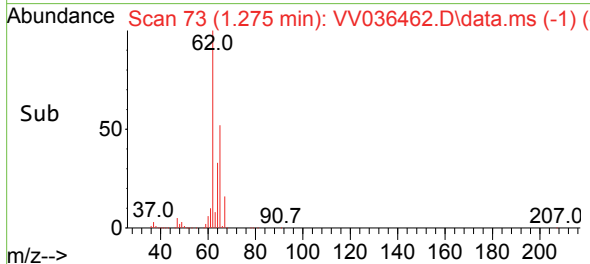
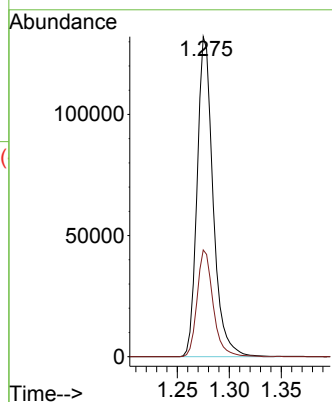
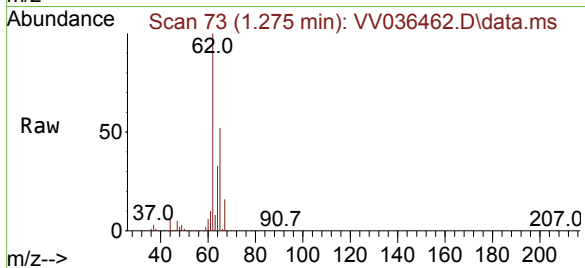
ClientSampleId :

Tgt Ion: 62 Resp: 141039

Ion Ratio Lower Upper

62 100

64 33.4 23.4 43.4



#6

Bromomethane

Concen: 25.476 ug/L

RT: 1.481 min Scan# 137

Delta R.T. -0.003 min

Lab File: VV036462.D

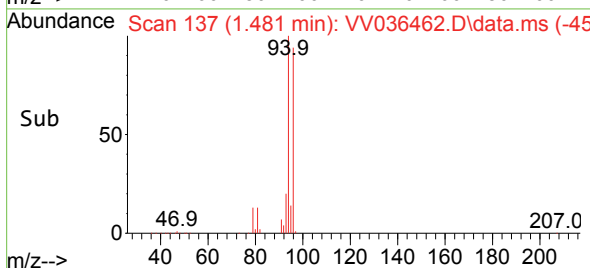
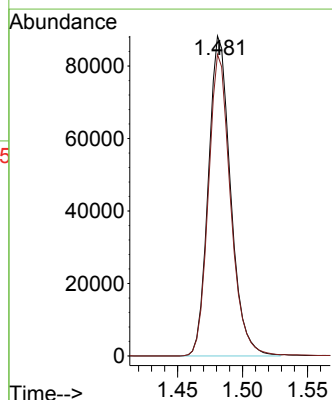
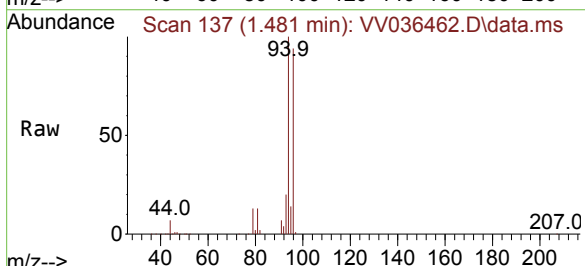
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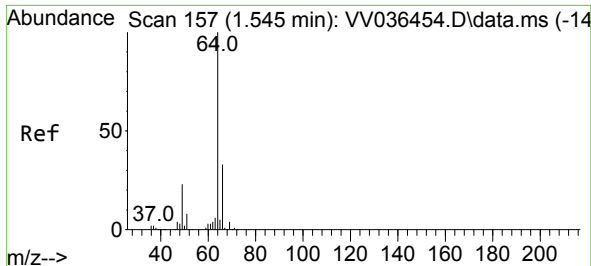
Tgt Ion: 94 Resp: 105150

Ion Ratio Lower Upper

94 100

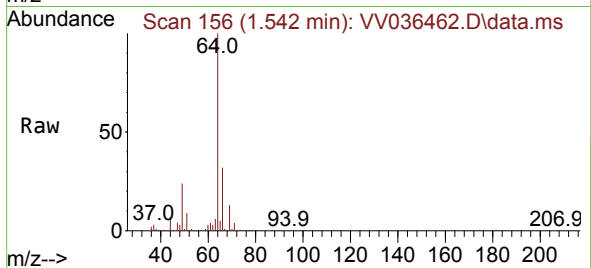
96 94.3 66.1 122.7



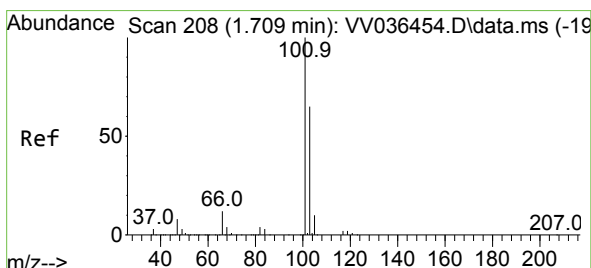
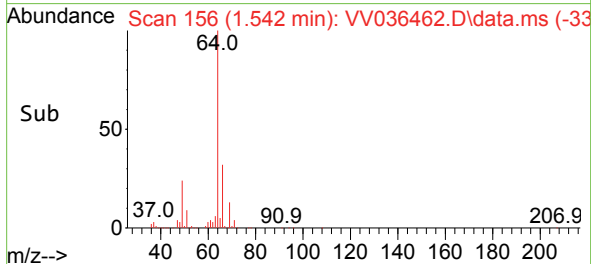
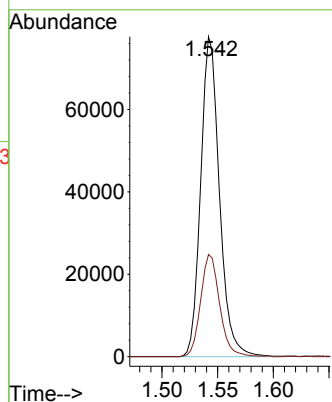


#8
Chloroethane
Concen: 24.053 ug/L
RT: 1.542 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV036462.D
Acq: 05 Jul 2024 13:58

Instrument :
MSVOA_V
ClientSampleId :

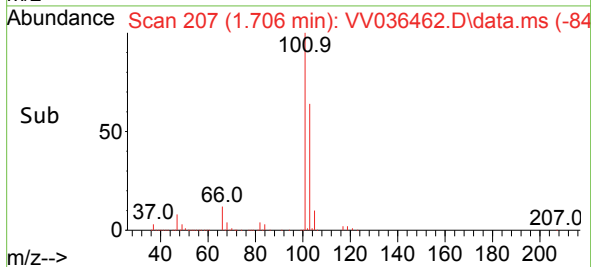
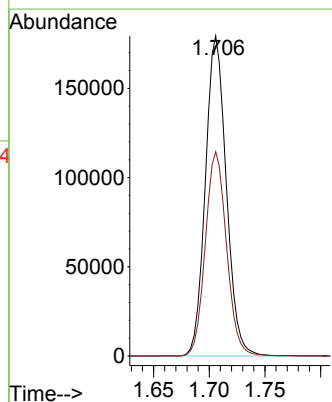
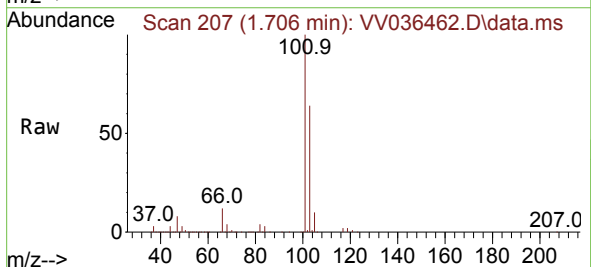


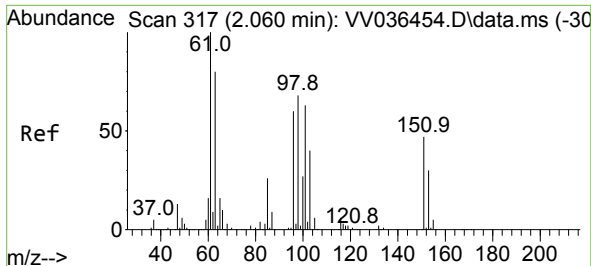
Tgt Ion: 64 Resp: 90975
Ion Ratio Lower Upper
64 100
66 31.9 23.0 42.6



#9
Trichlorofluoromethane
Concen: 26.738 ug/L
RT: 1.706 min Scan# 207
Delta R.T. -0.003 min
Lab File: VV036462.D
Acq: 05 Jul 2024 13:58

Tgt Ion:101 Resp: 234339
Ion Ratio Lower Upper
101 100
103 64.8 51.7 77.5

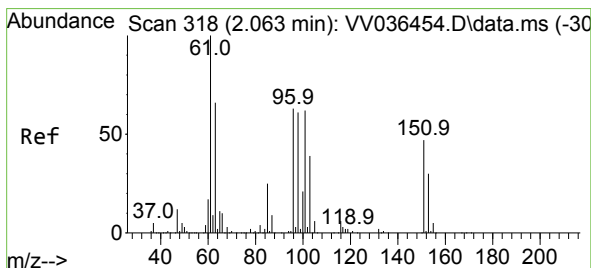
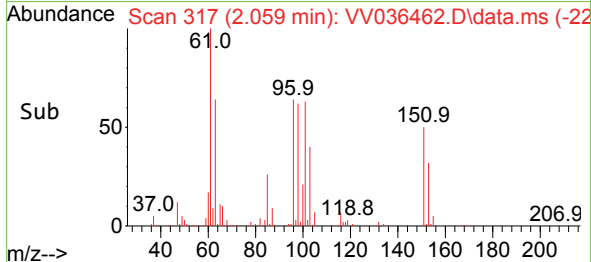
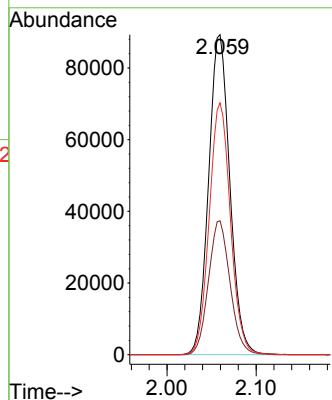
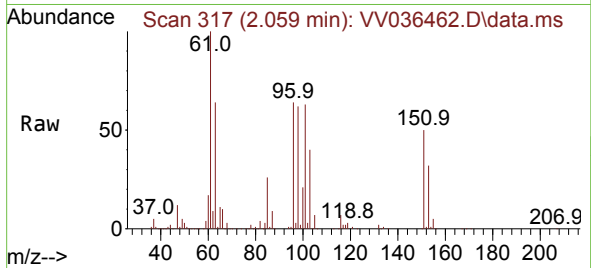




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 26.922 ug/L
RT: 2.059 min Scan# 317
Delta R.T. -0.000 min
Lab File: VV036462.D
Acq: 05 Jul 2024 13:58

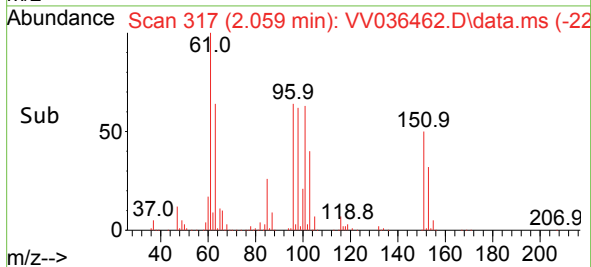
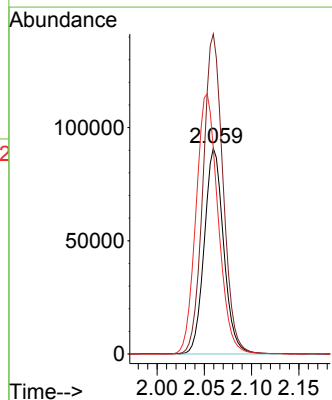
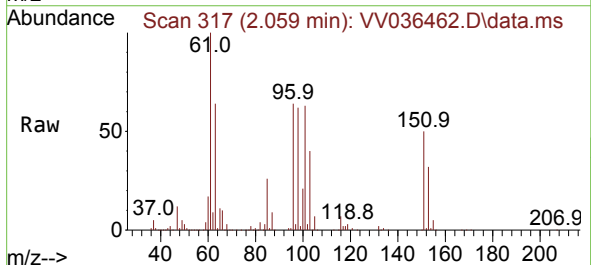
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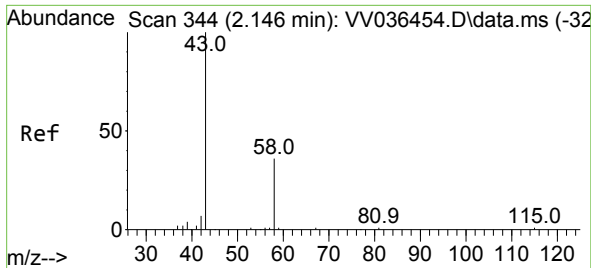
Tgt Ion:101 Resp: 148006
Ion Ratio Lower Upper
101 100
85 42.5 34.6 51.8
151 78.7 58.9 88.3



#12
1,1-Dichloroethene
Concen: 26.596 ug/L
RT: 2.059 min Scan# 317
Delta R.T. -0.003 min
Lab File: VV036462.D
Acq: 05 Jul 2024 13:58

Tgt Ion: 96 Resp: 129451
Ion Ratio Lower Upper
96 100
61 155.5 122.6 227.8
63 100.0 96.1 178.5





#13

Acetone

Concen: 27.836 ug/L

RT: 2.384 min Scan# 41

Delta R.T. 0.238 min

Lab File: VV036462.D

Acq: 05 Jul 2024 13:58

Instrument :

MSVOA_V

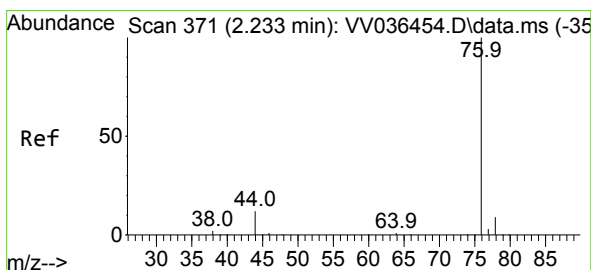
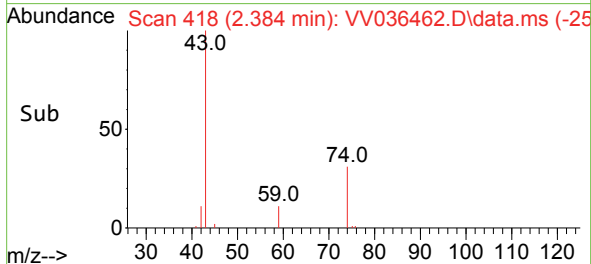
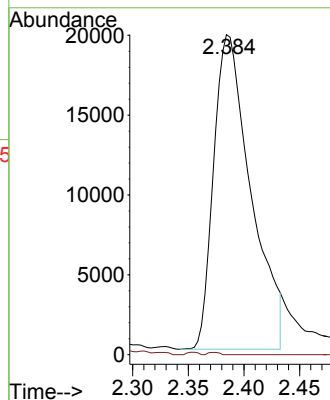
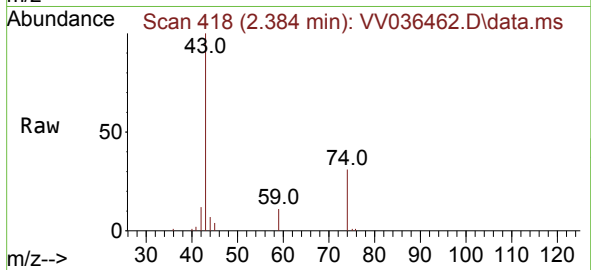
ClientSampleId :

Tgt Ion: 43 Resp: 45805

Ion Ratio Lower Upper

43 100

58 0.2 0.0 0.6



#14

Carbon disulfide

Concen: 22.407 ug/L

RT: 2.230 min Scan# 370

Delta R.T. -0.003 min

Lab File: VV036462.D

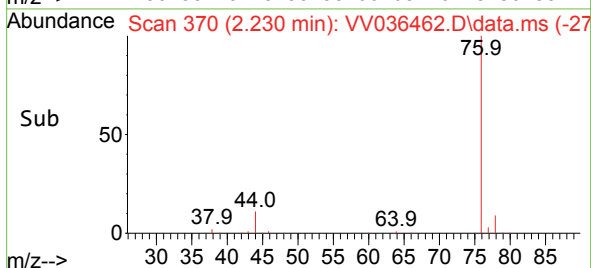
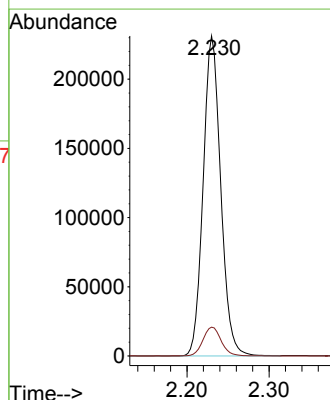
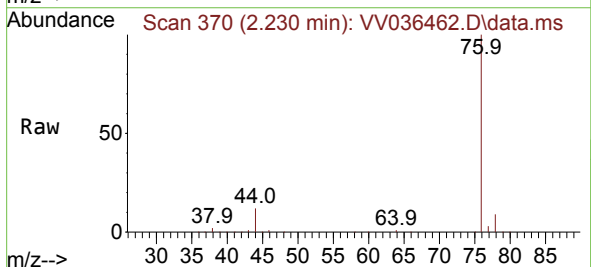
Acq: 05 Jul 2024 13:58

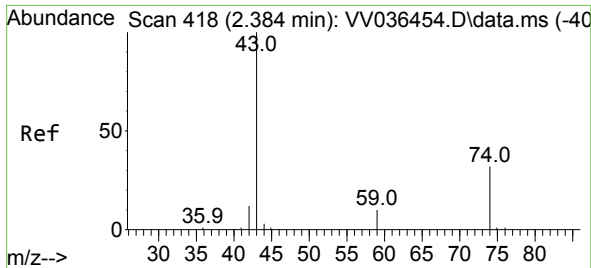
Tgt Ion: 76 Resp: 344102

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.2

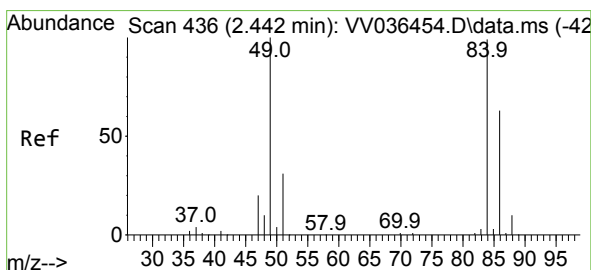
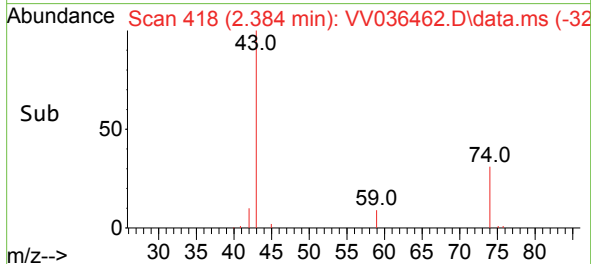
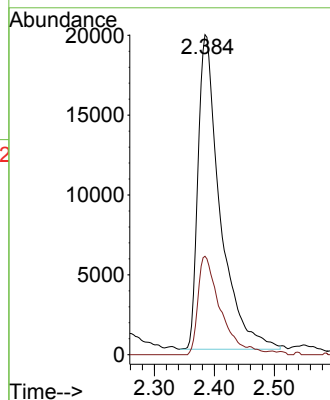
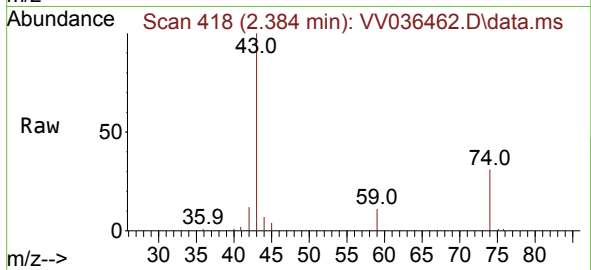




#15
Methyl Acetate
Concen: 23.840 ug/L
RT: 2.384 min Scan# 418
Delta R.T. -0.000 min
Lab File: VV036462.D
Acq: 05 Jul 2024 13:58

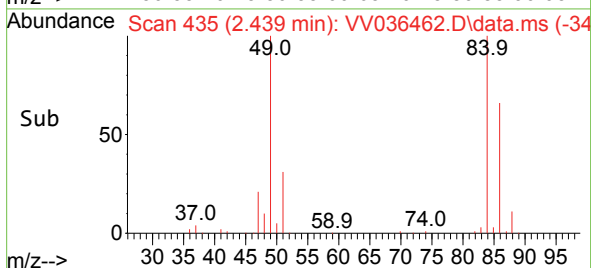
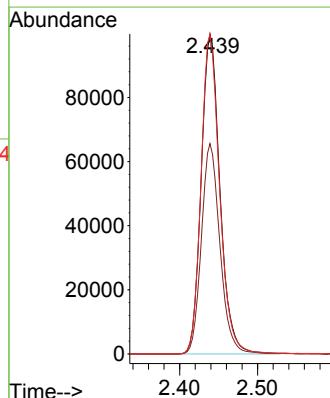
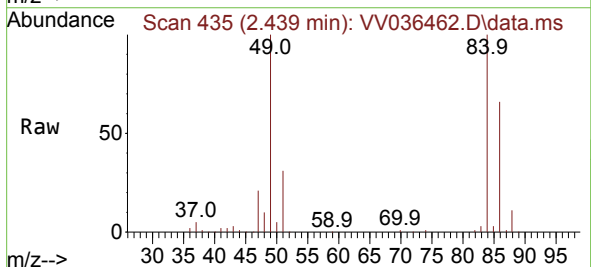
Instrument :
MSVOA_V
ClientSampleId :

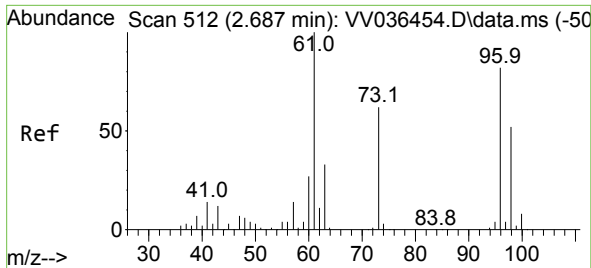
Tgt Ion: 43 Resp: 50482
Ion Ratio Lower Upper
43 100
74 30.8 23.8 35.6



#16
Methylene chloride
Concen: 27.354 ug/L
RT: 2.439 min Scan# 435
Delta R.T. -0.003 min
Lab File: VV036462.D
Acq: 05 Jul 2024 13:58

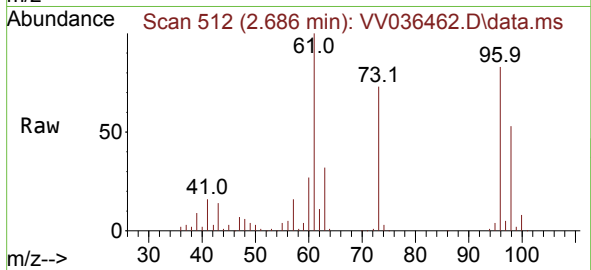
Tgt Ion: 84 Resp: 166410
Ion Ratio Lower Upper
84 100
86 65.8 45.6 84.8
49 100.1 75.7 140.5



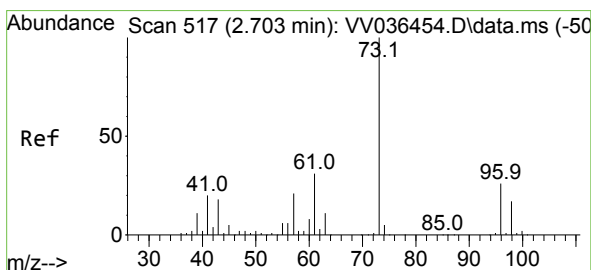
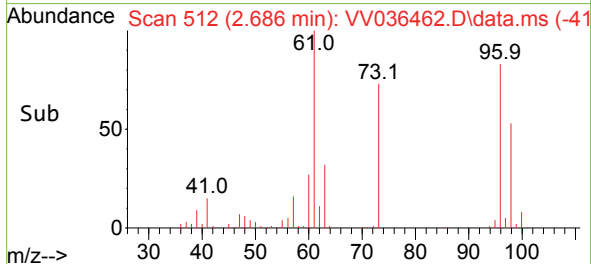
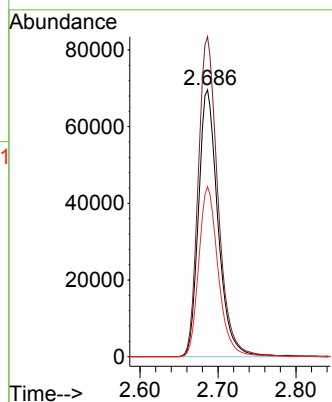


#17
trans-1,2-Dichloroethene
Concen: 24.964 ug/L
RT: 2.686 min Scan# 512
Delta R.T. -0.000 min
Lab File: VV036462.D
Acq: 05 Jul 2024 13:58

Instrument :
MSVOA_V
ClientSampleId :

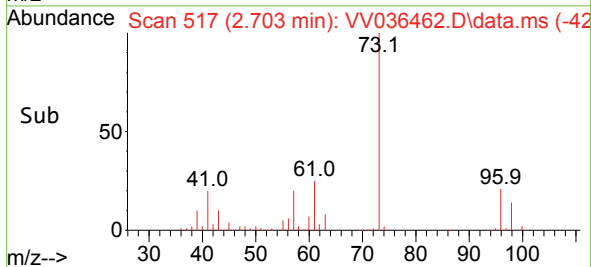
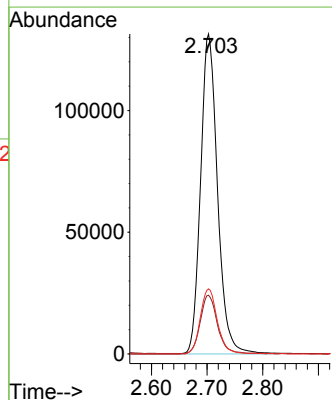
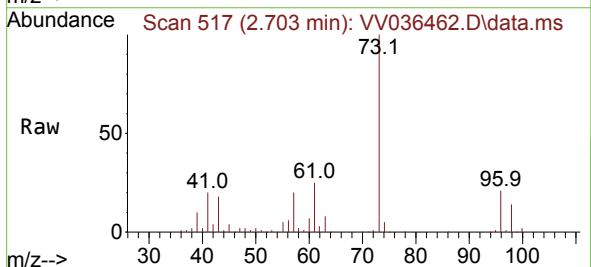


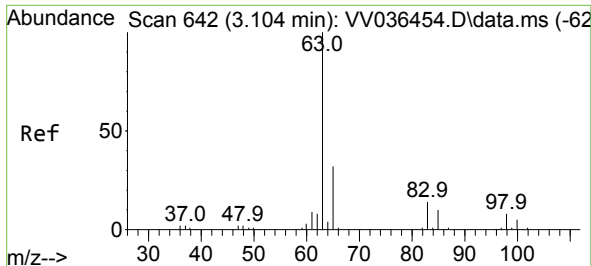
Tgt Ion:	96	Resp:	120641
Ion	Ratio	Lower	Upper
96	100		
61	119.9	89.8	166.8
98	63.7	45.3	84.1



#18
Methyl tert-butyl Ether
Concen: 24.704 ug/L
RT: 2.703 min Scan# 517
Delta R.T. -0.000 min
Lab File: VV036462.D
Acq: 05 Jul 2024 13:58

Tgt Ion:	73	Resp:	277907
Ion	Ratio	Lower	Upper
73	100		
43	18.3	14.7	22.1
57	20.5	17.0	25.6





#19

1,1-Dichloroethane

Concen: 25.221 ug/L

RT: 3.104 min Scan# 642

Delta R.T. -0.000 min

Lab File: VV036462.D

Acq: 05 Jul 2024 13:58

Instrument :

MSVOA_V

ClientSampleId :

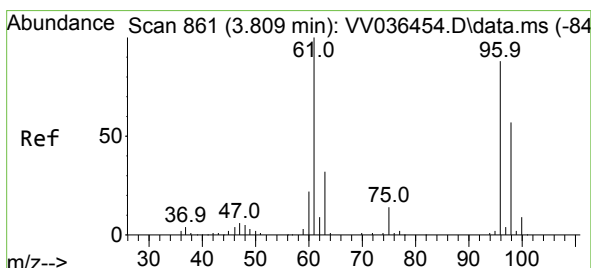
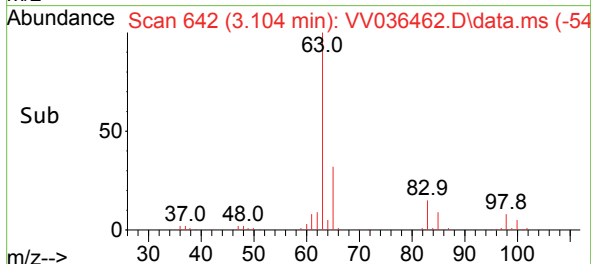
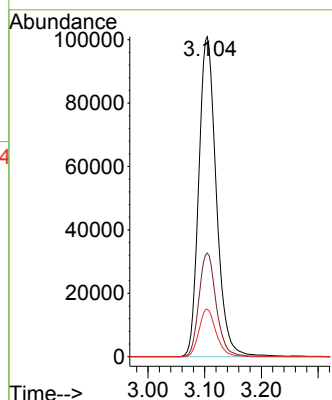
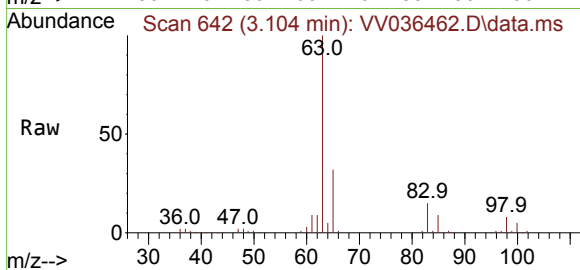
Tgt Ion: 63 Resp: 216709

Ion Ratio Lower Upper

63 100

65 32.4 22.1 41.1

83 14.9 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 24.948 ug/L

RT: 3.809 min Scan# 861

Delta R.T. -0.000 min

Lab File: VV036462.D

Acq: 05 Jul 2024 13:58

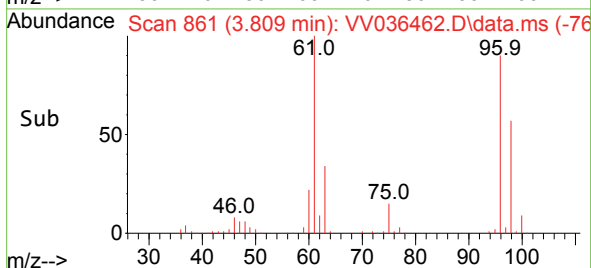
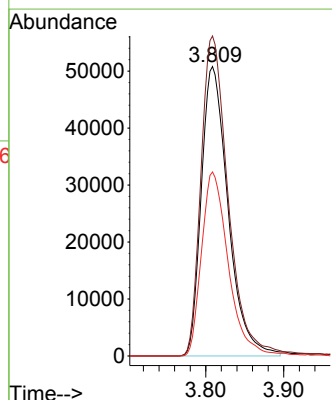
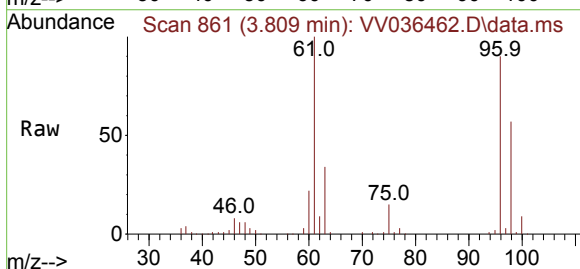
Tgt Ion: 96 Resp: 121262

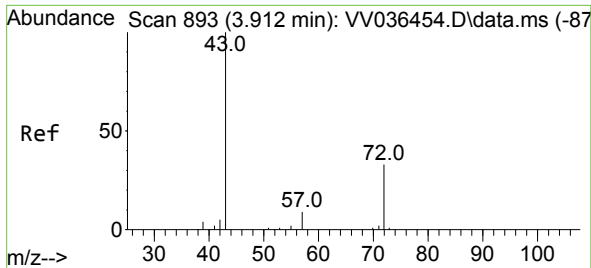
Ion Ratio Lower Upper

96 100

61 110.5 83.7 155.5

98 63.5 44.2 82.0

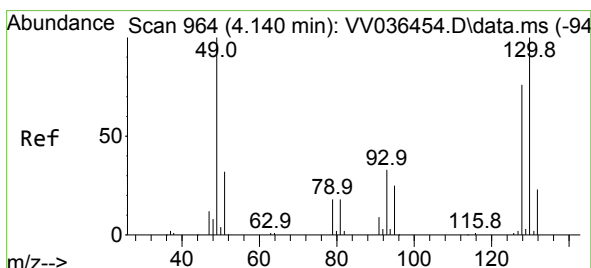
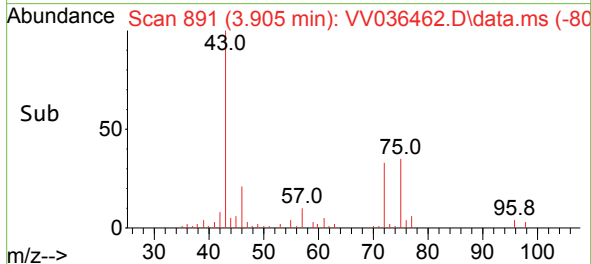
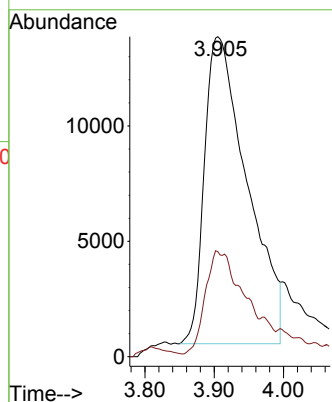
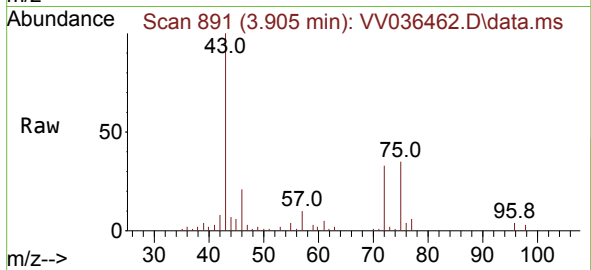




#22
2-Butanone
Concen: 41.070 ug/L
RT: 3.905 min Scan# 891
Delta R.T. -0.006 min
Lab File: VV036462.D
Acq: 05 Jul 2024 13:58

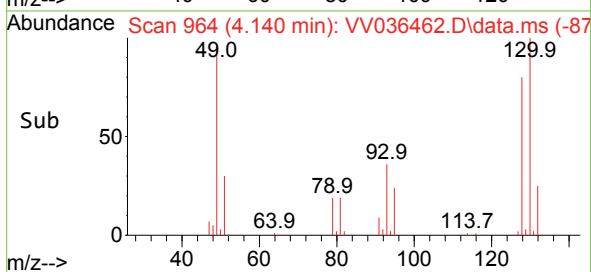
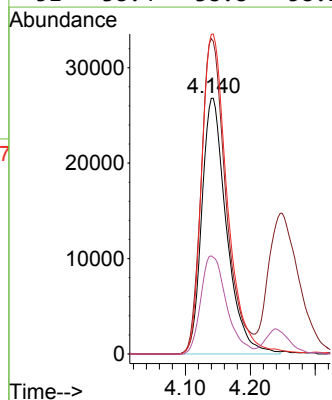
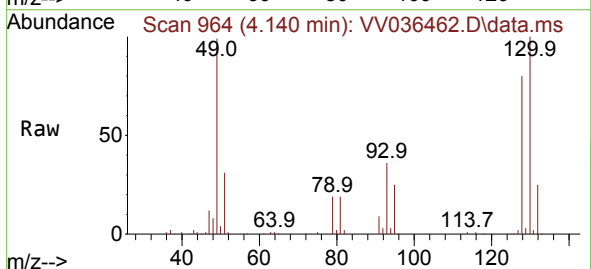
Instrument :
MSVOA_V
ClientSampleId :

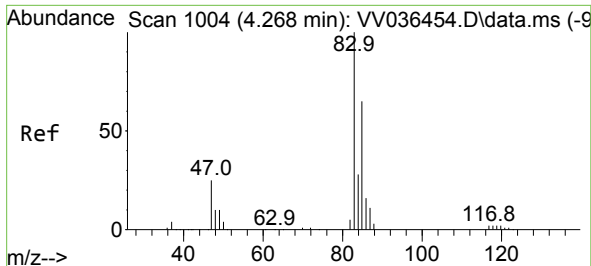
Tgt Ion: 43 Resp: 56985
Ion Ratio Lower Upper
43 100
72 13.4 12.9 38.7



#23
Bromochloromethane
Concen: 27.960 ug/L
RT: 4.140 min Scan# 964
Delta R.T. -0.000 min
Lab File: VV036462.D
Acq: 05 Jul 2024 13:58

Tgt Ion:128 Resp: 70863
Ion Ratio Lower Upper
128 100
49 123.3 99.2 184.2
130 124.9 88.9 165.1
51 38.4 38.8 58.2#

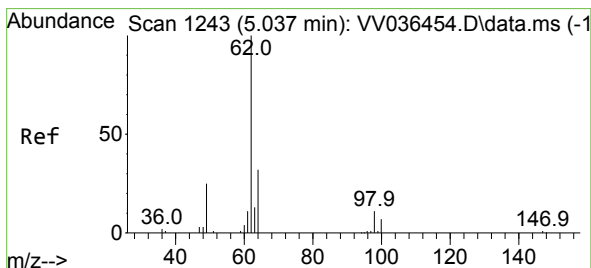
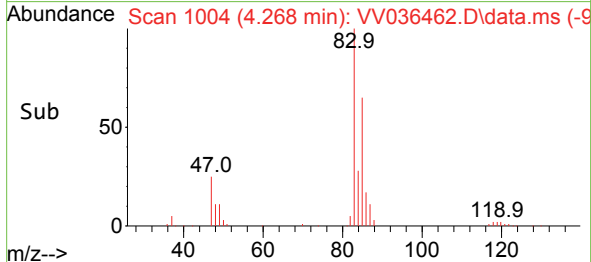
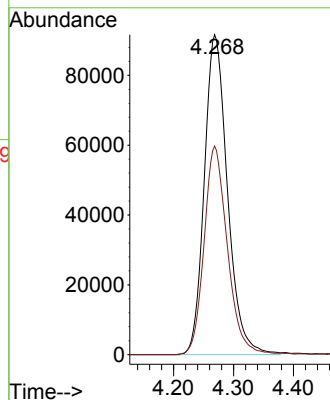
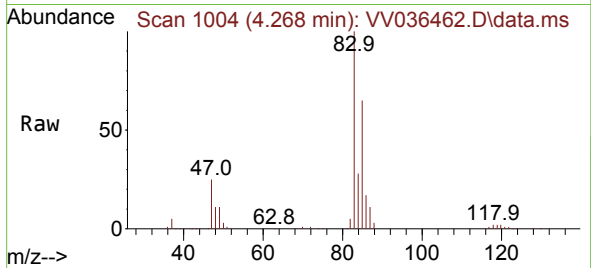




#25
Chloroform
Concen: 26.893 ug/L
RT: 4.268 min Scan# 1004
Delta R.T. -0.000 min
Lab File: VV036462.D
Acq: 05 Jul 2024 13:58

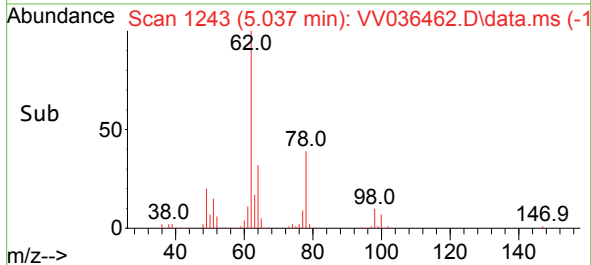
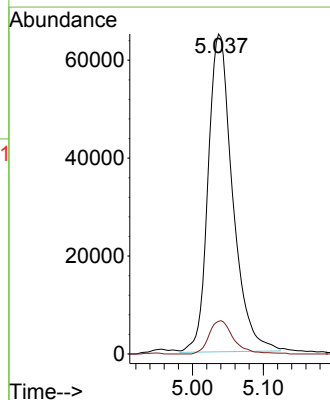
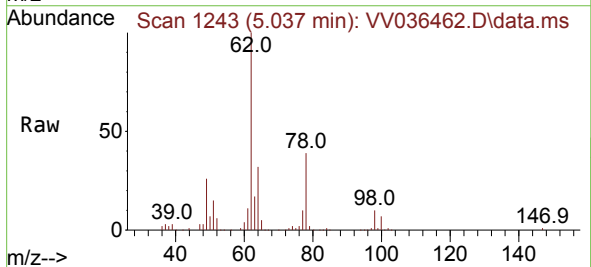
Instrument :
MSVOA_V
ClientSampleId :

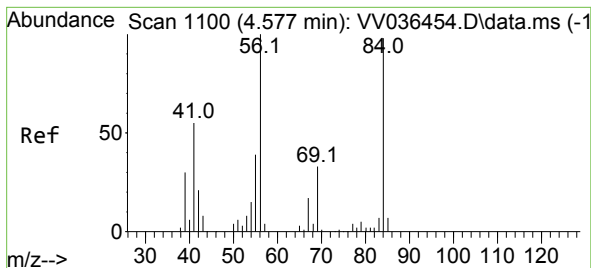
Tgt Ion: 83 Resp: 246468
Ion Ratio Lower Upper
83 100
85 65.2 45.0 83.6



#27
1,2-Dichloroethane
Concen: 26.311 ug/L
RT: 5.037 min Scan# 1243
Delta R.T. -0.000 min
Lab File: VV036462.D
Acq: 05 Jul 2024 13:58

Tgt Ion: 62 Resp: 156139
Ion Ratio Lower Upper
62 100
98 10.2 7.8 11.8





#29

Cyclohexane

Concen: 20.764 ug/L

RT: 4.574 min Scan# 1100

Delta R.T. -0.003 min

Lab File: VV036462.D

Acq: 05 Jul 2024 13:58

Instrument :

MSVOA_V

ClientSampleId :

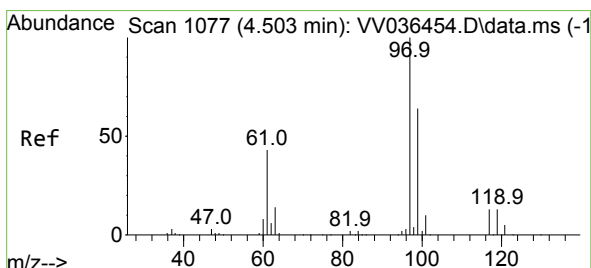
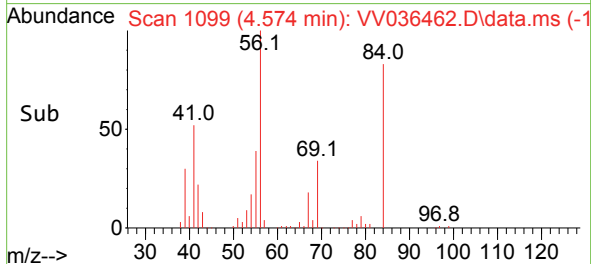
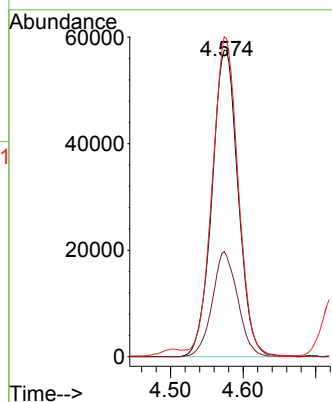
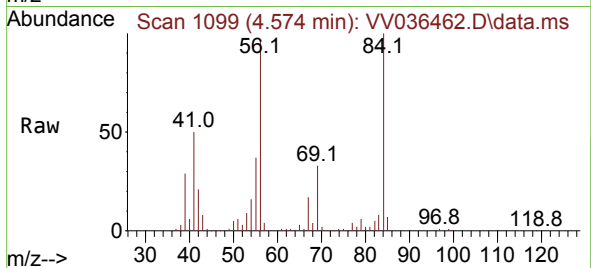
Tgt Ion: 56 Resp: 144268

Ion Ratio Lower Upper

56 100

69 33.2 26.0 39.0

84 102.4 77.4 116.0



#30

1,1,1-Trichloroethane

Concen: 25.922 ug/L

RT: 4.503 min Scan# 1077

Delta R.T. -0.000 min

Lab File: VV036462.D

Acq: 05 Jul 2024 13:58

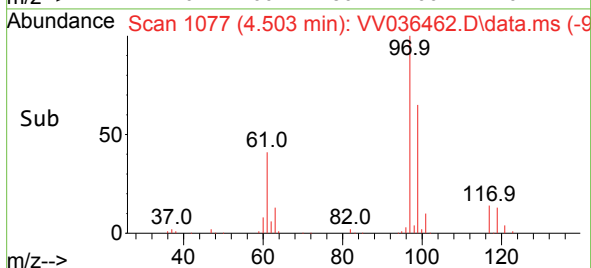
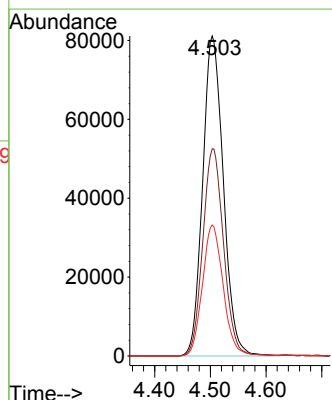
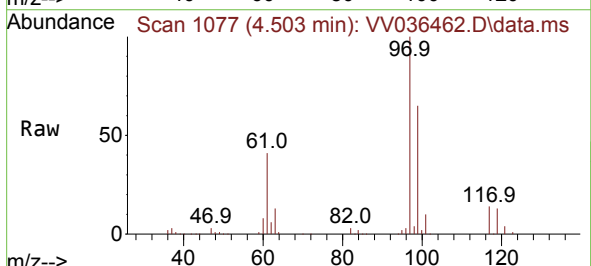
Tgt Ion: 97 Resp: 209610

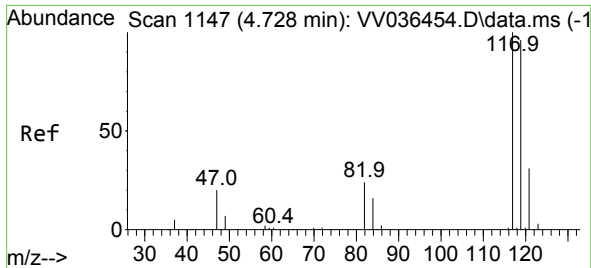
Ion Ratio Lower Upper

97 100

99 64.8 51.4 77.0

61 41.1 34.8 52.2

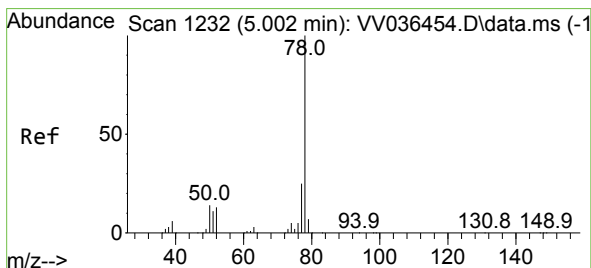
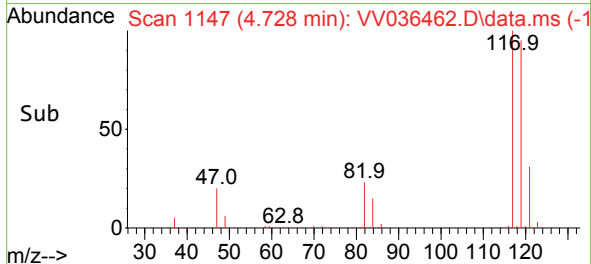
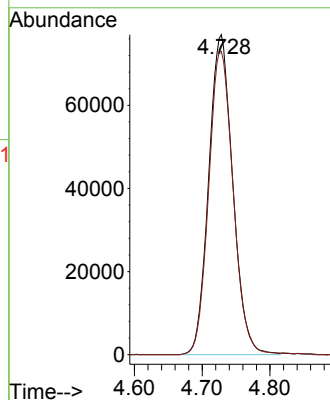
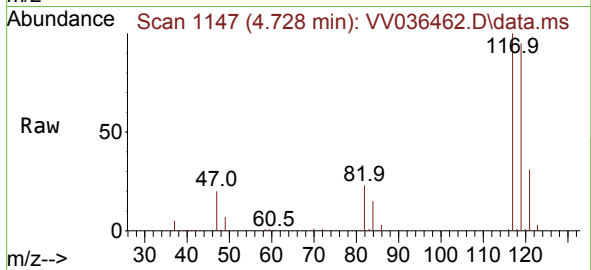




#31
Carbon tetrachloride
Concen: 26.345 ug/L
RT: 4.728 min Scan# 1147
Delta R.T. -0.000 min
Lab File: VV036462.D
Acq: 05 Jul 2024 13:58

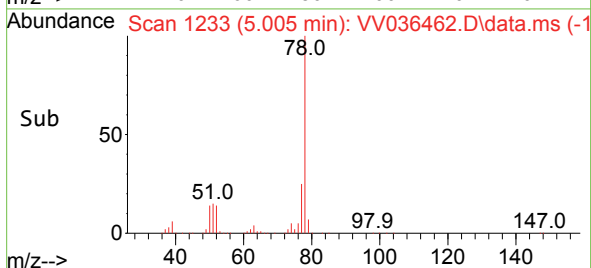
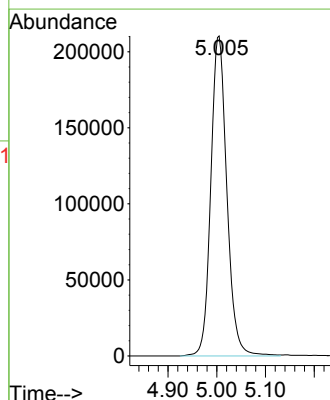
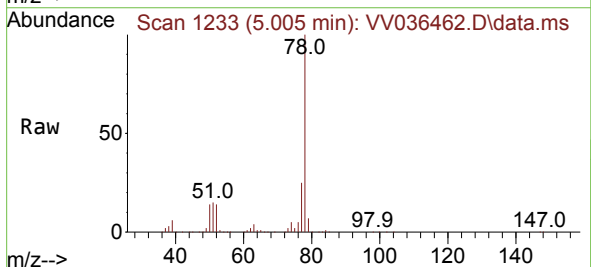
Instrument :
MSVOA_V
ClientSampleId :

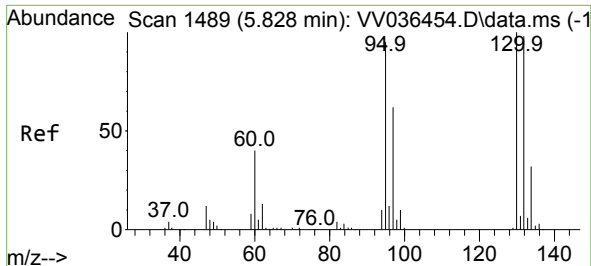
Tgt Ion:117 Resp: 189811
Ion Ratio Lower Upper
117 100
119 96.2 77.2 115.8



#33
Benzene
Concen: 24.897 ug/L
RT: 5.005 min Scan# 1233
Delta R.T. 0.003 min
Lab File: VV036462.D
Acq: 05 Jul 2024 13:58

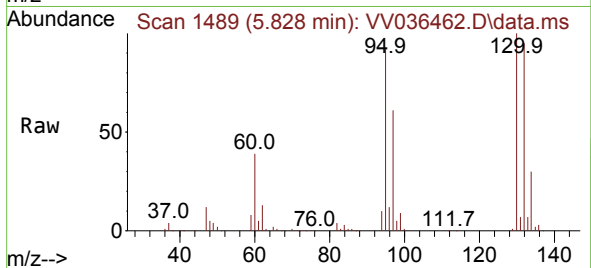
Tgt Ion: 78 Resp: 480920



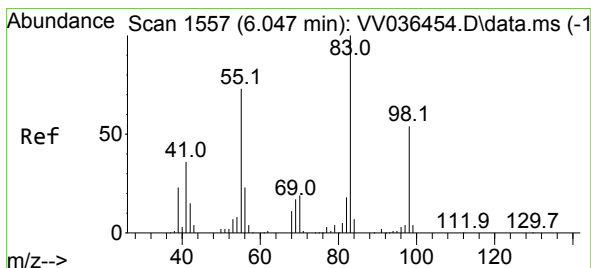
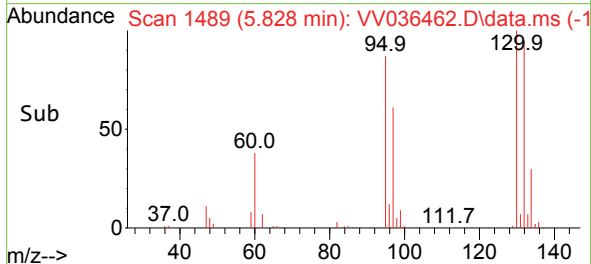
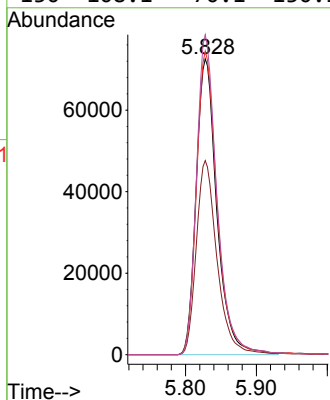


#34
Trichloroethene
Concen: 24.259 ug/L
RT: 5.828 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VV036462.D
Acq: 05 Jul 2024 13:58

Instrument :
MSVOA_V
ClientSampleId :

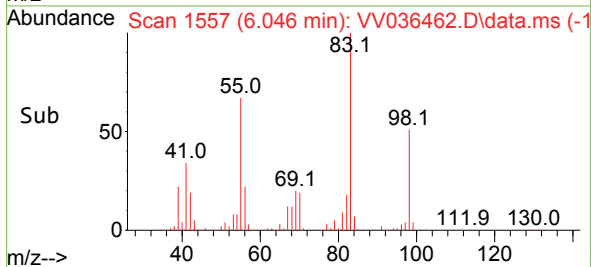
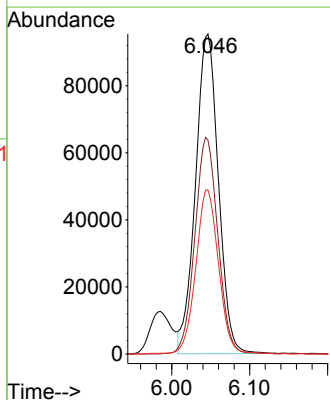
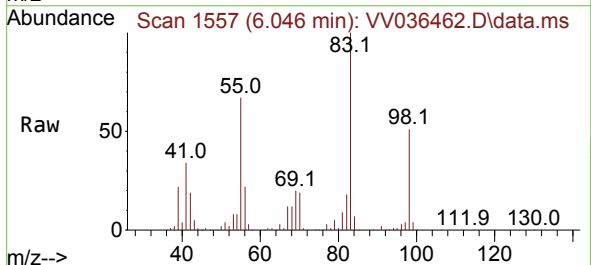


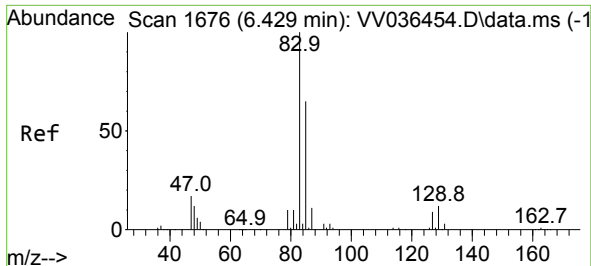
Tgt Ion: 95 Resp: 147867
Ion Ratio Lower Upper
95 100
97 65.6 45.1 83.7
132 102.6 67.7 125.7
130 108.1 70.1 130.1



#35
Methylcyclohexane
Concen: 22.934 ug/L
RT: 6.046 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VV036462.D
Acq: 05 Jul 2024 13:58

Tgt Ion: 83 Resp: 194815
Ion Ratio Lower Upper
83 100
55 68.1 56.0 84.0
98 51.0 39.0 58.6

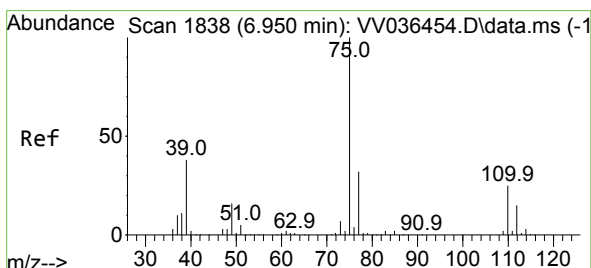
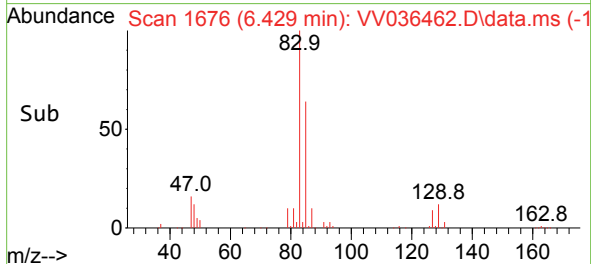
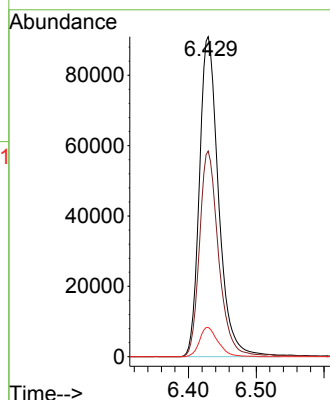
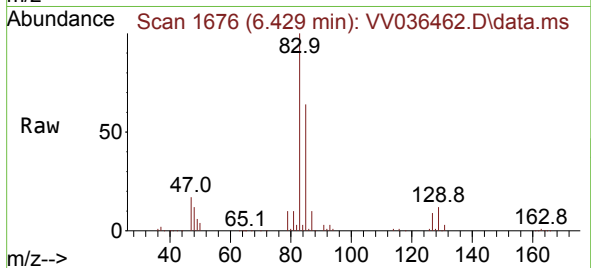




#38
Bromodichloromethane
Concen: 26.499 ug/L
RT: 6.429 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV036462.D
Acq: 05 Jul 2024 13:58

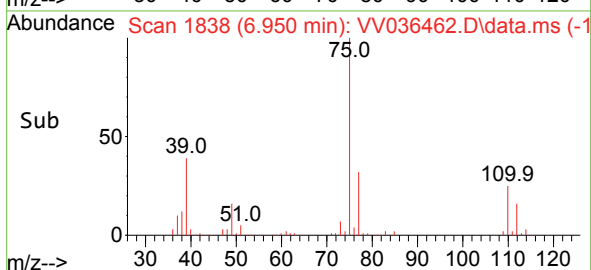
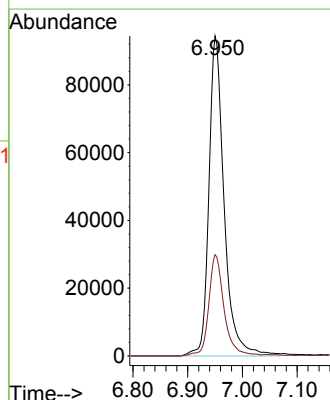
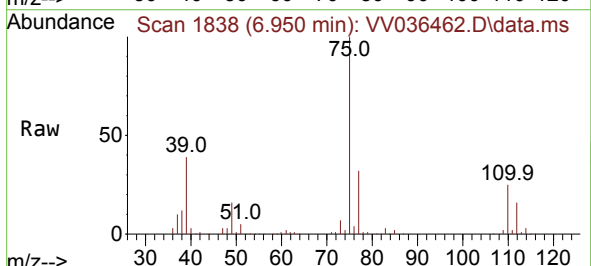
Instrument :
MSVOA_V
ClientSampleId :

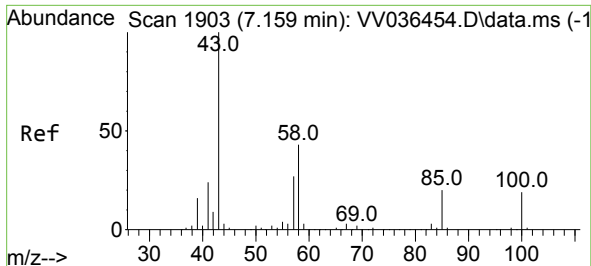
Tgt Ion: 83 Resp: 178796
Ion Ratio Lower Upper
83 100
85 64.2 44.9 83.5
127 9.2 7.0 10.6



#39
cis-1,3-Dichloropropene
Concen: 24.035 ug/L
RT: 6.950 min Scan# 1838
Delta R.T. -0.000 min
Lab File: VV036462.D
Acq: 05 Jul 2024 13:58

Tgt Ion: 75 Resp: 182328
Ion Ratio Lower Upper
75 100
77 31.6 22.3 41.5

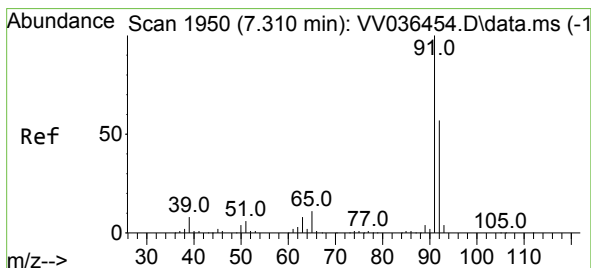
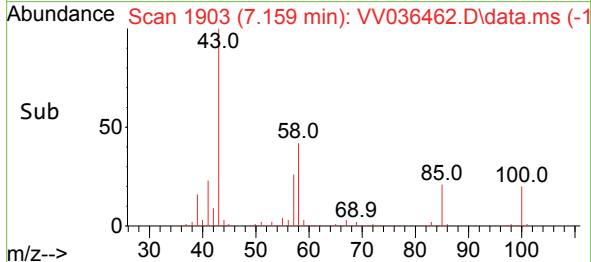
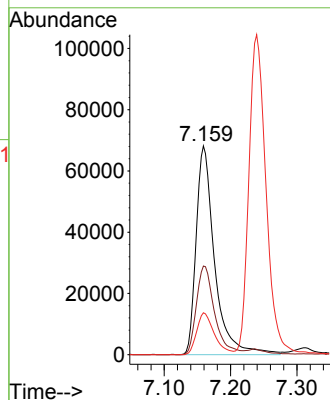
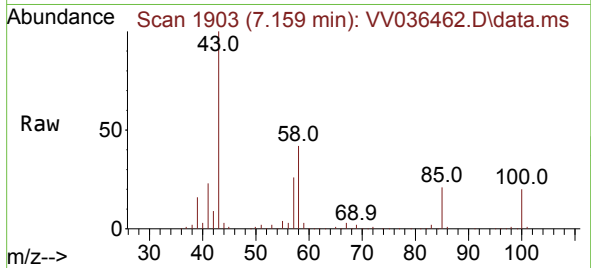




#40
4-Methyl-2-pentanone
Concen: 47.473 ug/L
RT: 7.159 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VV036462.D
Acq: 05 Jul 2024 13:58

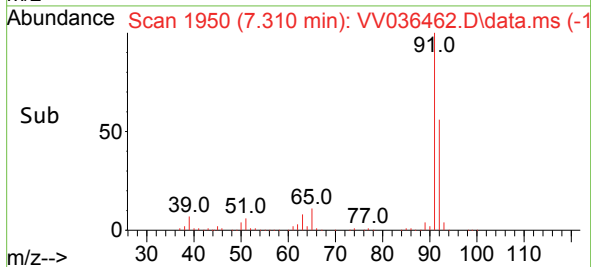
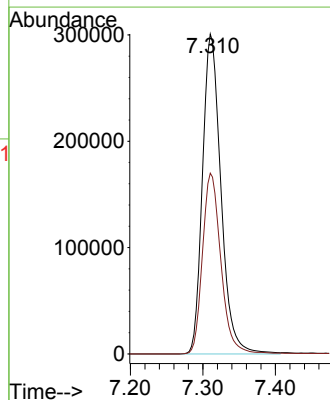
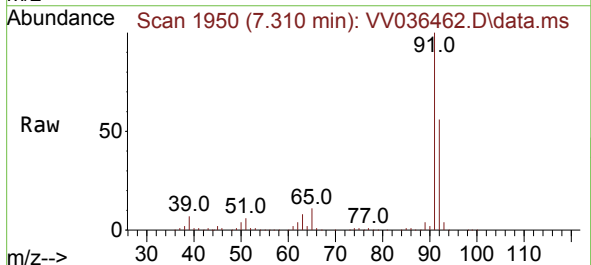
Instrument :
MSVOA_V
ClientSampleId :

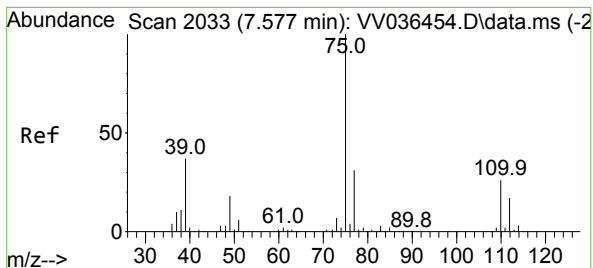
Tgt Ion: 43 Resp: 132078
Ion Ratio Lower Upper
43 100
58 42.0 34.8 52.2
100 19.2 14.6 21.8



#42
Toluene
Concen: 26.361 ug/L
RT: 7.310 min Scan# 1950
Delta R.T. -0.000 min
Lab File: VV036462.D
Acq: 05 Jul 2024 13:58

Tgt Ion: 91 Resp: 532417
Ion Ratio Lower Upper
91 100
92 56.5 39.8 73.8





#44

trans-1,3-Dichloropropene

Concen: 25.147 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. -0.000 min

Lab File: VV036462.D

Acq: 05 Jul 2024 13:58

Instrument :

MSVOA_V

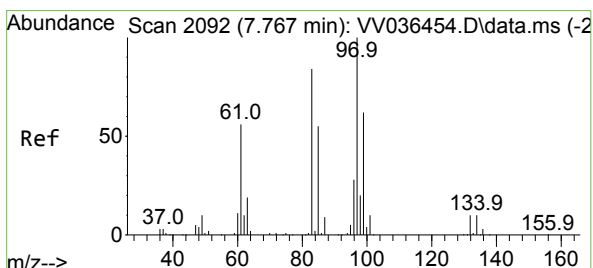
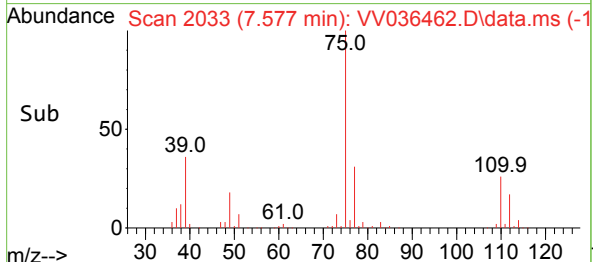
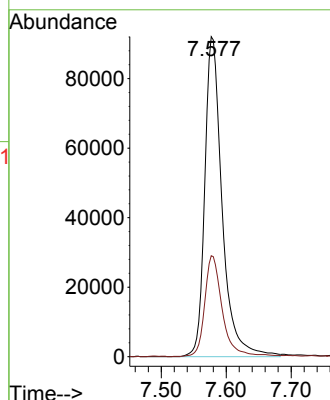
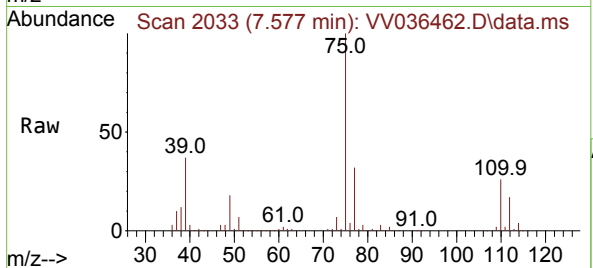
ClientSampleId :

Tgt Ion: 75 Resp: 171578

Ion Ratio Lower Upper

75 100

77 31.5 22.5 41.9



#45

1,1,2-Trichloroethane

Concen: 26.737 ug/L

RT: 7.767 min Scan# 2092

Delta R.T. -0.000 min

Lab File: VV036462.D

Acq: 05 Jul 2024 13:58

Tgt Ion: 97 Resp: 116585

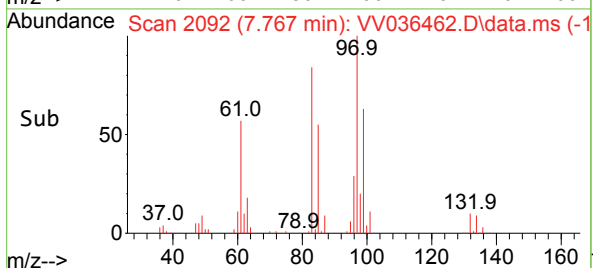
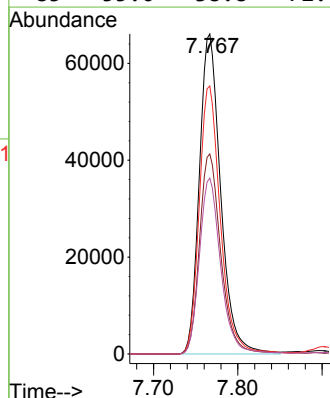
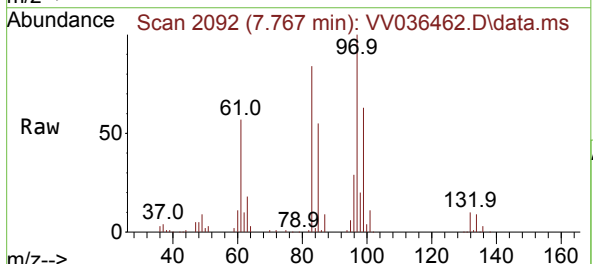
Ion Ratio Lower Upper

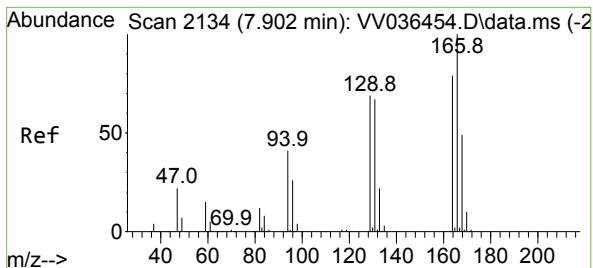
97 100

99 62.5 43.8 81.3

83 83.7 60.6 112.6

85 55.0 38.8 72.0





#46

Tetrachloroethene

Concen: 26.595 ug/L

RT: 7.902 min Scan# 2134

Delta R.T. -0.000 min

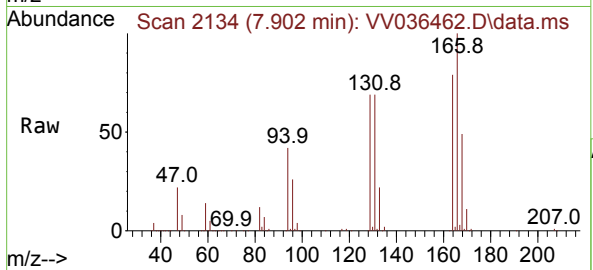
Lab File: VV036462.D

Acq: 05 Jul 2024 13:58

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 117813

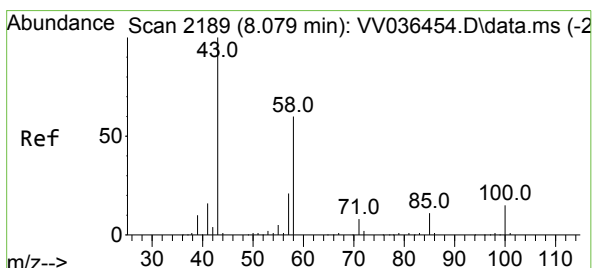
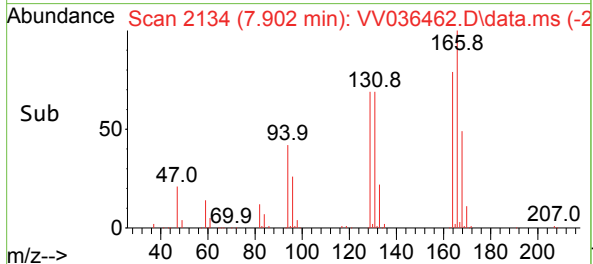
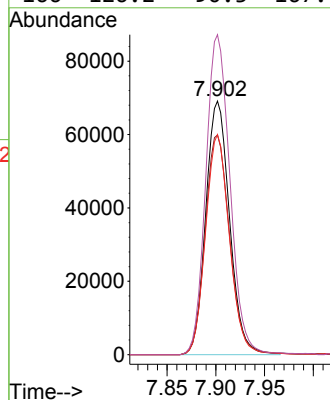
Ion Ratio Lower Upper

164 100

129 86.6 65.9 122.5

131 86.8 63.3 117.7

166 126.2 90.3 167.7



#48

2-Hexanone

Concen: 46.155 ug/L

RT: 8.079 min Scan# 2189

Delta R.T. -0.000 min

Lab File: VV036462.D

Acq: 05 Jul 2024 13:58

Tgt Ion: 43 Resp: 101006

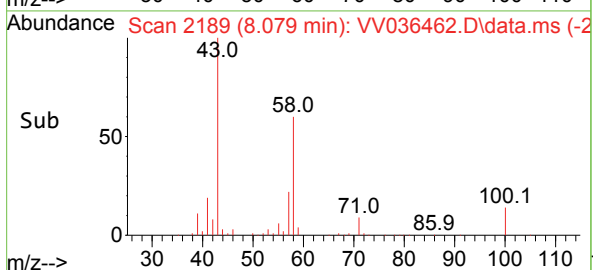
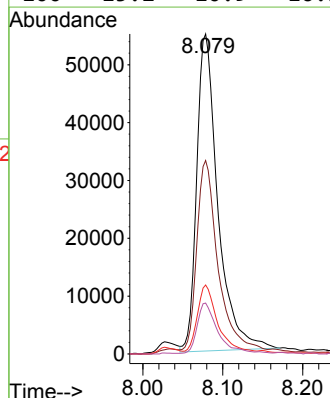
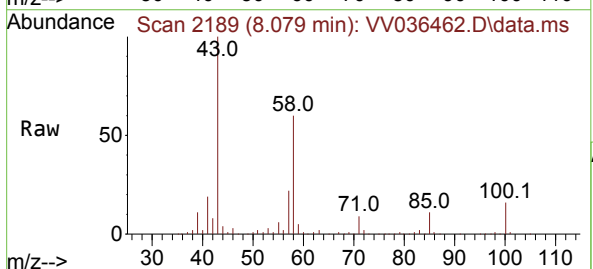
Ion Ratio Lower Upper

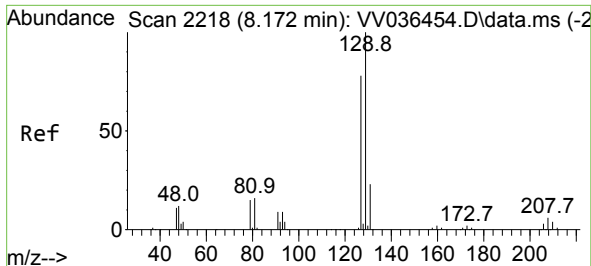
43 100

58 60.3 48.5 72.7

57 20.9 15.8 23.6

100 15.2 10.9 16.3

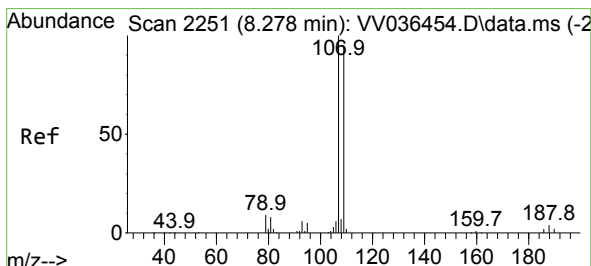
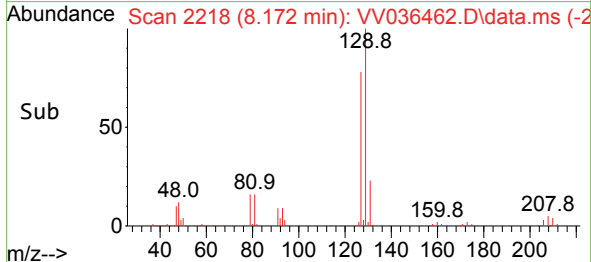
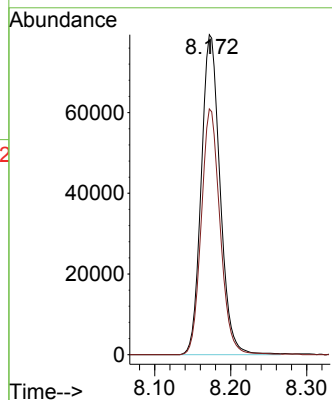
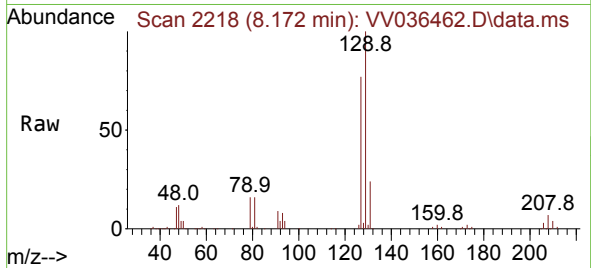




#49
Dibromochloromethane
Concen: 28.039 ug/L
RT: 8.172 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV036462.D
Acq: 05 Jul 2024 13:58

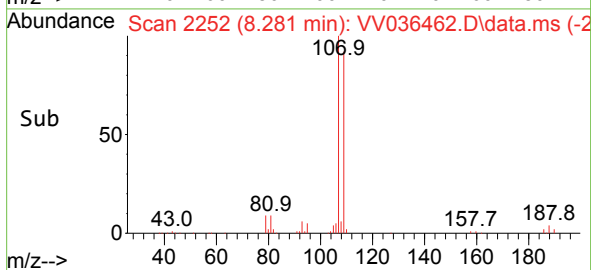
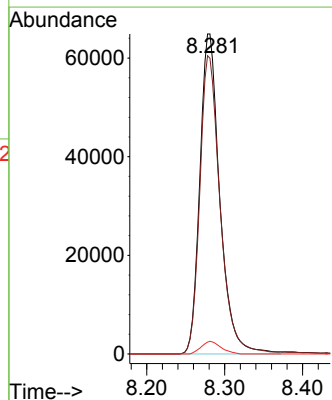
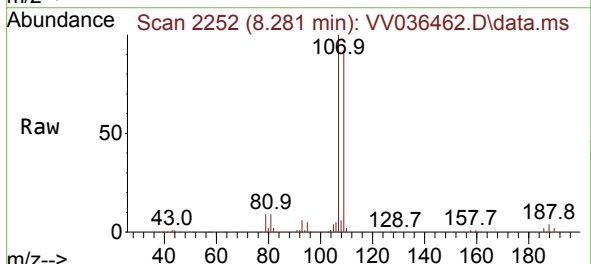
Instrument :
MSVOA_V
ClientSampleId :

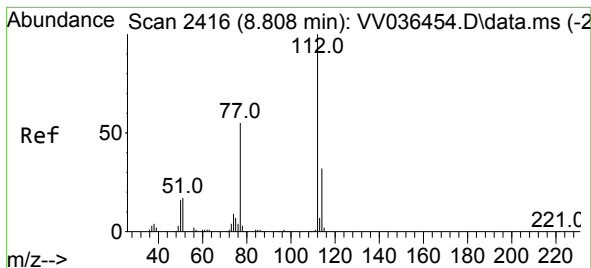
Tgt Ion:129 Resp: 136291
Ion Ratio Lower Upper
129 100
127 76.8 54.9 101.9



#50
1,2-Dibromoethane
Concen: 26.910 ug/L
RT: 8.281 min Scan# 2252
Delta R.T. 0.003 min
Lab File: VV036462.D
Acq: 05 Jul 2024 13:58

Tgt Ion:107 Resp: 115595
Ion Ratio Lower Upper
107 100
109 92.4 64.7 120.1
188 3.9 3.0 4.6





#51

Chlorobenzene

Concen: 25.542 ug/L

RT: 8.812 min Scan# 2416

Delta R.T. 0.003 min

Lab File: VV036462.D

Acq: 05 Jul 2024 13:58

Instrument :

MSVOA_V

ClientSampleId :

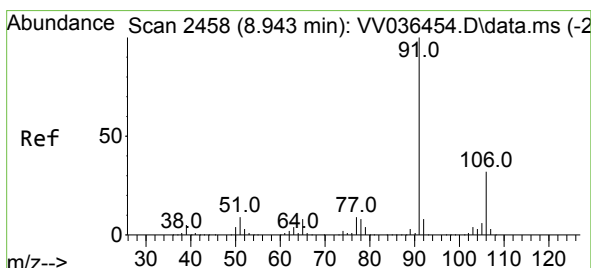
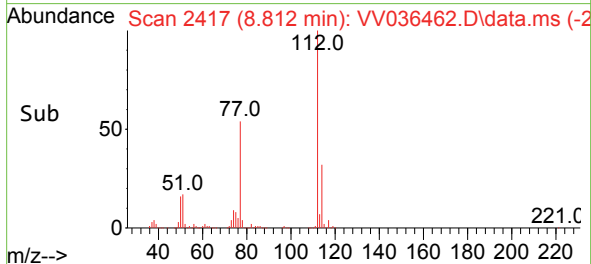
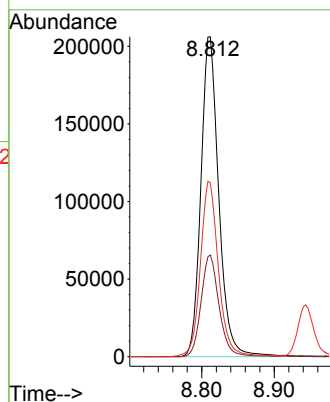
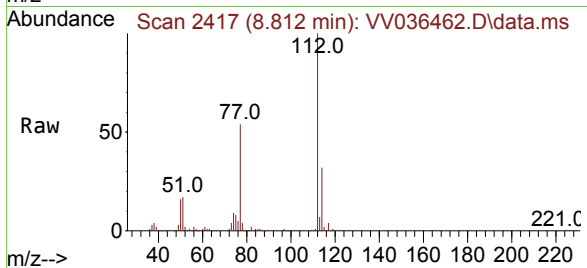
Tgt Ion:112 Resp: 352640

Ion Ratio Lower Upper

112 100

114 31.8 22.8 42.4

77 54.4 46.2 69.2



#52

Ethylbenzene

Concen: 25.336 ug/L

RT: 8.943 min Scan# 2458

Delta R.T. -0.000 min

Lab File: VV036462.D

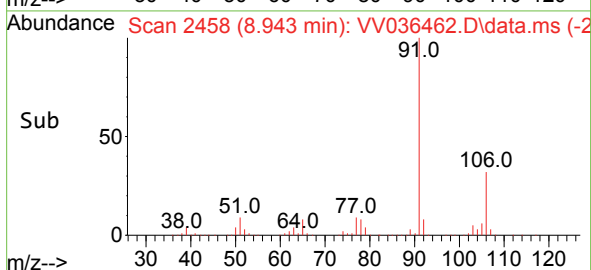
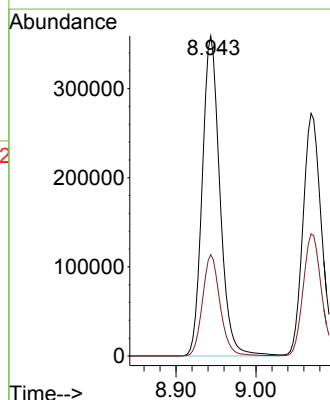
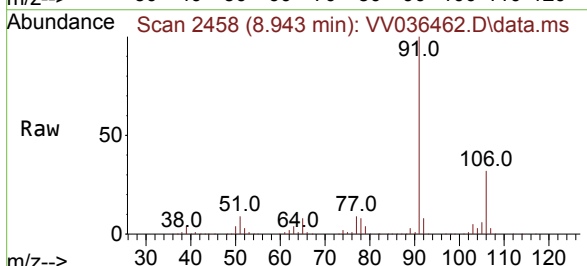
Acq: 05 Jul 2024 13:58

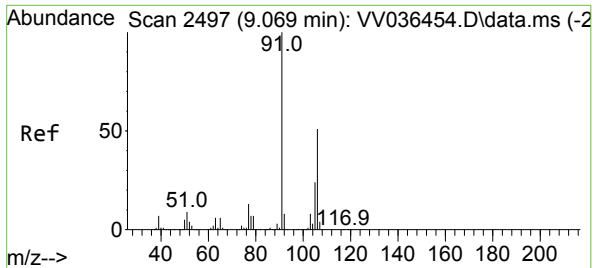
Tgt Ion: 91 Resp: 552221

Ion Ratio Lower Upper

91 100

106 31.7 21.8 40.4

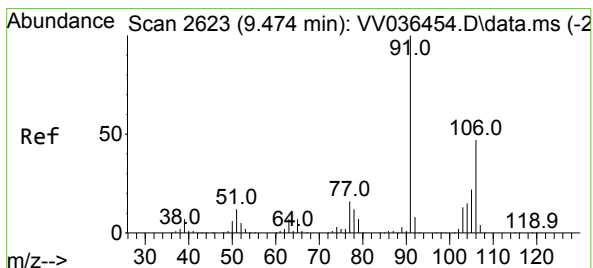
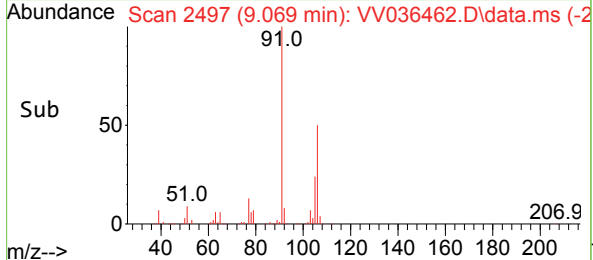
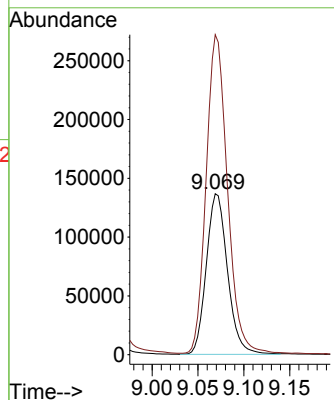
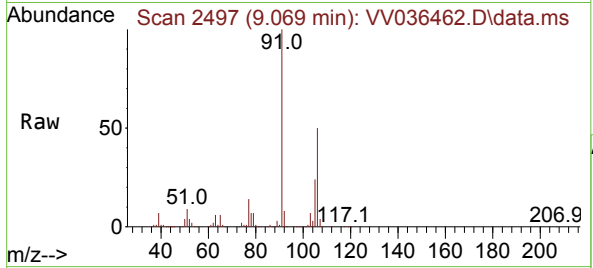




#53
m,p-Xylene
Concen: 27.001 ug/L
RT: 9.069 min Scan# 2497
Delta R.T. -0.000 min
Lab File: VV036462.D
Acq: 05 Jul 2024 13:58

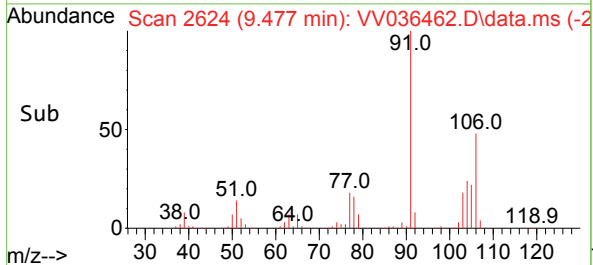
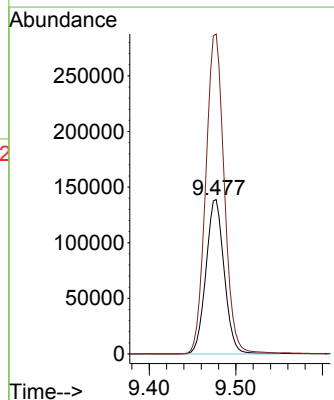
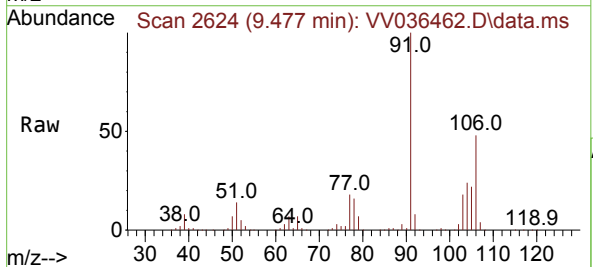
Instrument :
MSVOA_V
ClientSampleId :

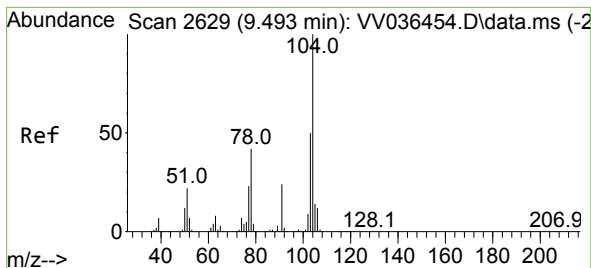
Tgt Ion:106 Resp: 219341
Ion Ratio Lower Upper
106 100
91 198.8 142.2 264.0



#54
o-Xylene
Concen: 26.655 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. 0.003 min
Lab File: VV036462.D
Acq: 05 Jul 2024 13:58

Tgt Ion:106 Resp: 203618
Ion Ratio Lower Upper
106 100
91 207.1 152.7 283.7





#55

Styrene

Concen: 28.828 ug/L

RT: 9.493 min Scan# 2

Delta R.T. -0.000 min

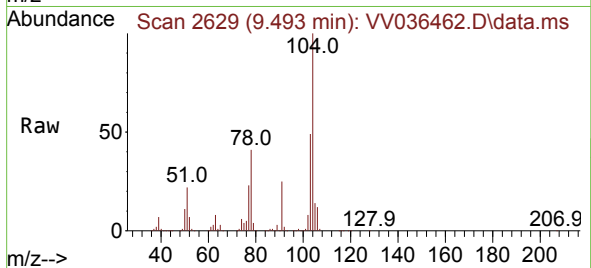
Lab File: VV036462.D

Acq: 05 Jul 2024 13:58

Instrument :

MSVOA_V

ClientSampleId :

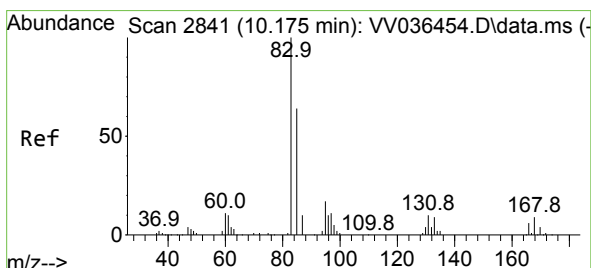
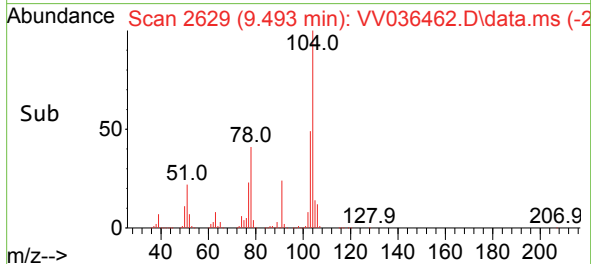
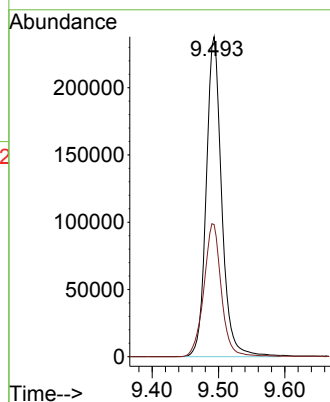


Tgt Ion:104 Resp: 385954

Ion Ratio Lower Upper

104 100

78 41.3 30.2 56.2



#57

1,1,2,2-Tetrachloroethane

Concen: 26.438 ug/L

RT: 10.175 min Scan# 2841

Delta R.T. -0.000 min

Lab File: VV036462.D

Acq: 05 Jul 2024 13:58

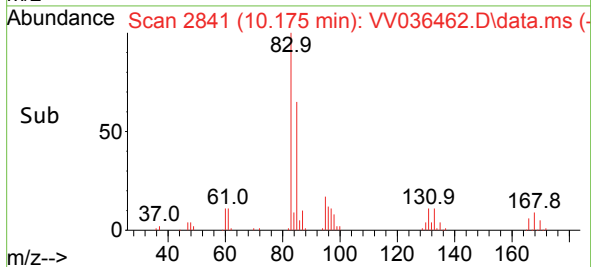
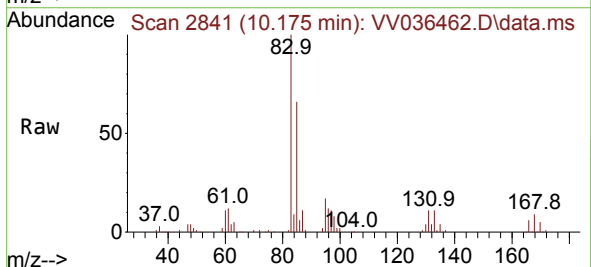
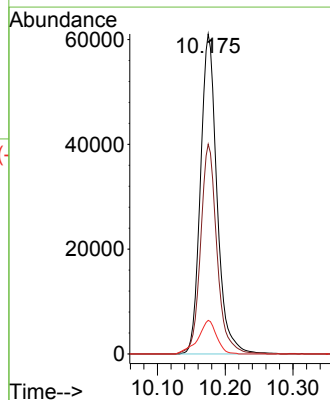
Tgt Ion: 83 Resp: 103176

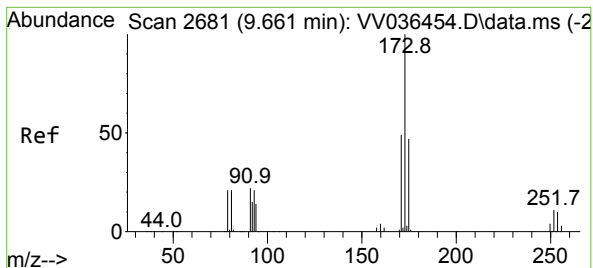
Ion Ratio Lower Upper

83 100

85 65.5 45.7 84.9

131 10.5 7.8 11.6





#59

Bromoform

Concen: 25.198 ug/L

RT: 9.664 min Scan# 2

Delta R.T. 0.003 min

Lab File: VV036462.D

Acq: 05 Jul 2024 13:58

Instrument :

MSVOA_V

ClientSampleId :

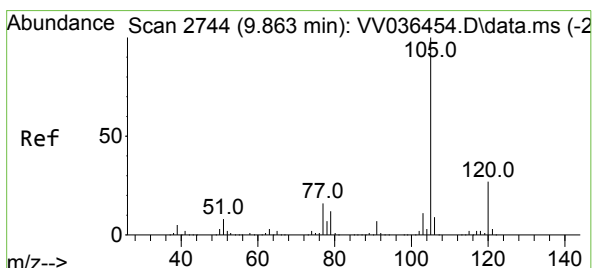
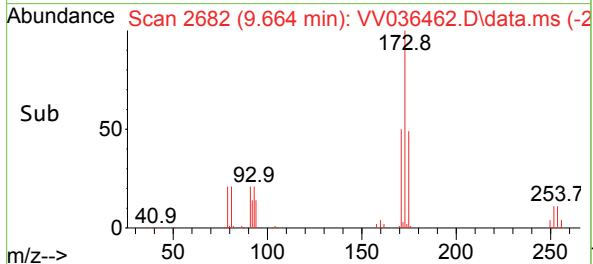
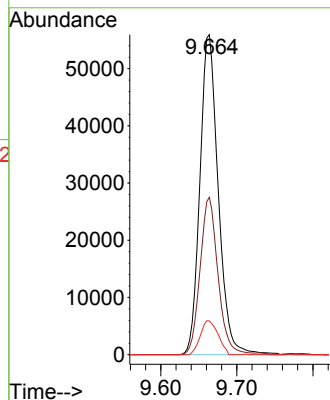
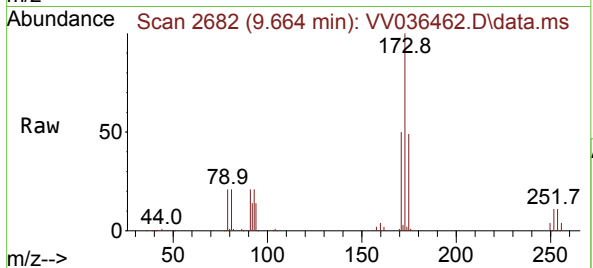
Tgt Ion:173 Resp: 93763

Ion Ratio Lower Upper

173 100

175 48.0 38.9 58.3

254 10.2 7.2 10.8



#60

Isopropylbenzene

Concen: 23.416 ug/L

RT: 9.863 min Scan# 2744

Delta R.T. -0.000 min

Lab File: VV036462.D

Acq: 05 Jul 2024 13:58

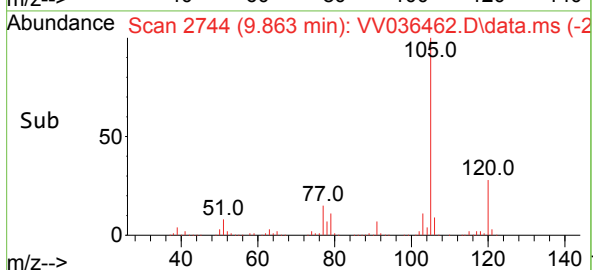
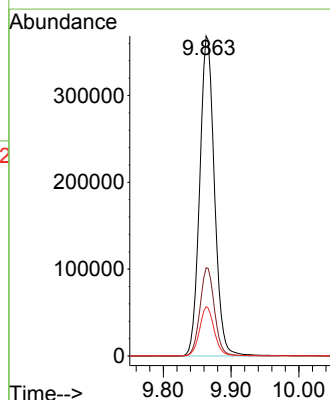
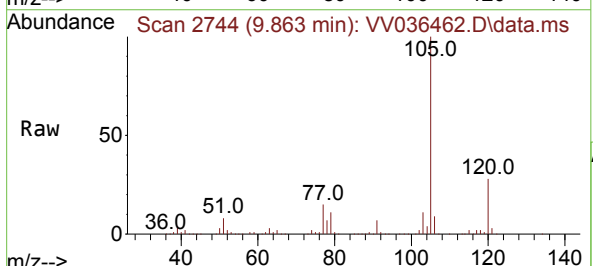
Tgt Ion:105 Resp: 556407

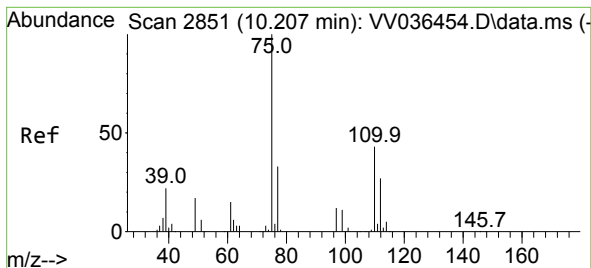
Ion Ratio Lower Upper

105 100

120 27.2 21.2 31.8

77 15.1 12.5 18.7





#61

1,2,3-Trichloropropane

Concen: 22.091 ug/L

RT: 10.207 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV036462.D

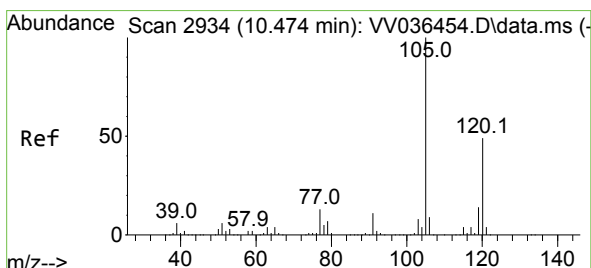
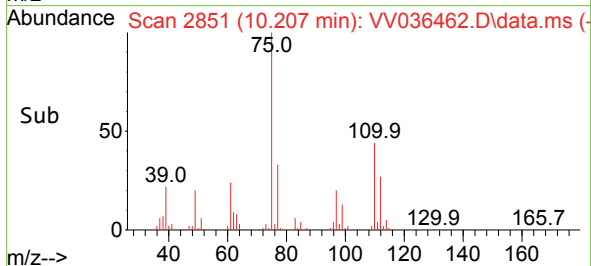
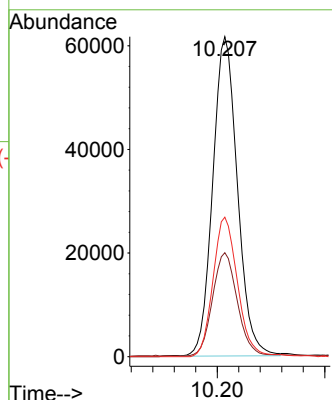
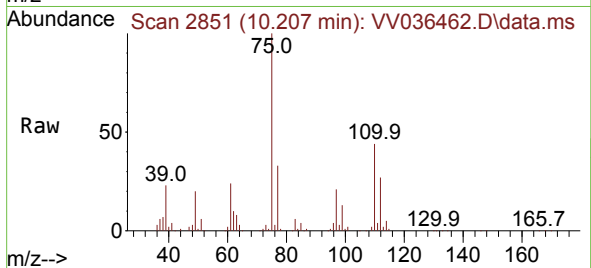
Acq: 05 Jul 2024 13:58

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	75	Resp:	97997
Ion Ratio	Lower	Upper	
75	100		
77	32.3	25.2	37.8
110	43.2	31.7	47.5



#62

1,3,5-Trimethylbenzene

Concen: 23.013 ug/L

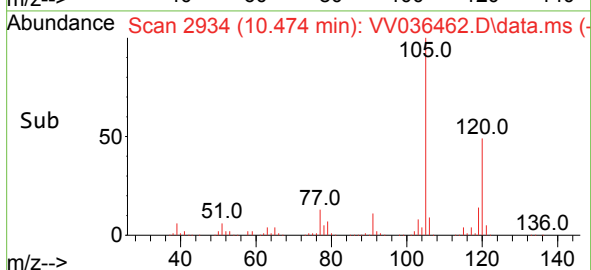
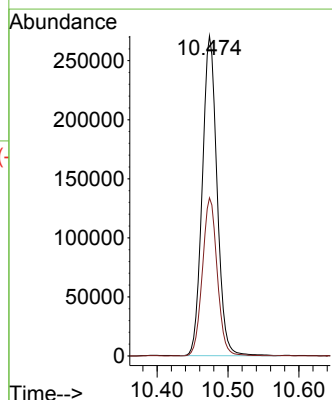
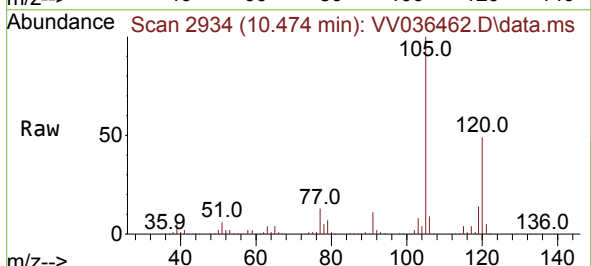
RT: 10.474 min Scan# 2934

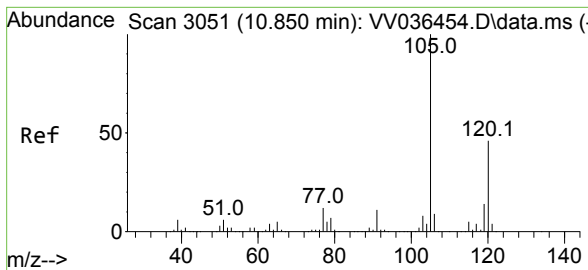
Delta R.T. -0.000 min

Lab File: VV036462.D

Acq: 05 Jul 2024 13:58

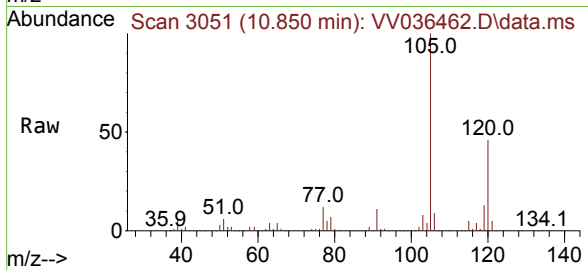
Tgt Ion:	105	Resp:	391339
Ion Ratio	Lower	Upper	
105	100		
120	49.5	39.1	58.7



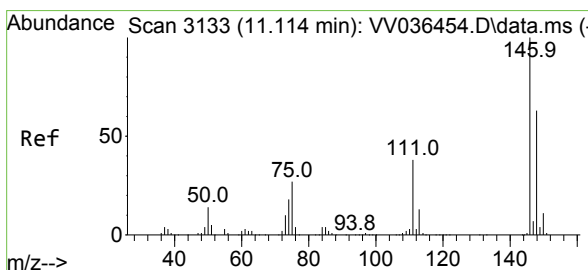
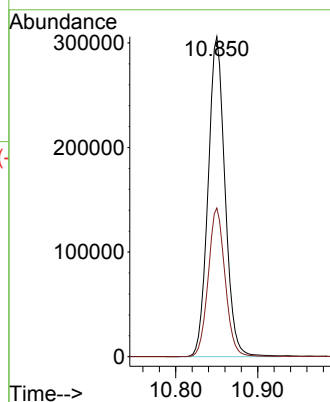
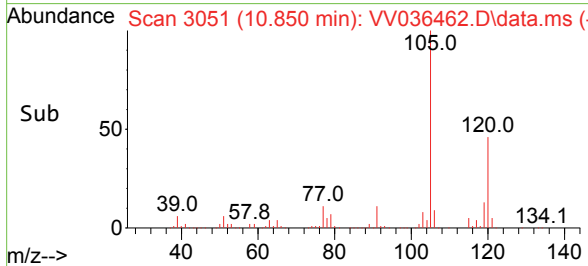


#63
 1,2,4-Trimethylbenzene
 Concen: 23.735 ug/L
 RT: 10.850 min Scan# 3051
 Delta R.T. -0.000 min
 Lab File: VV036462.D
 Acq: 05 Jul 2024 13:58

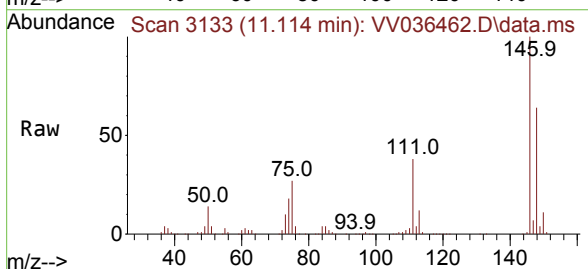
Instrument :
 MSVOA_V
 ClientSampleId :



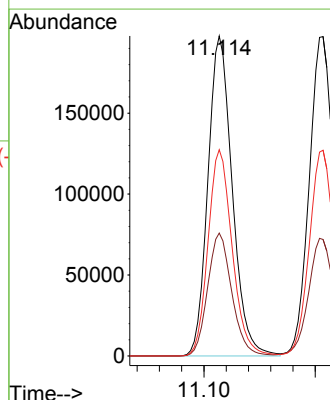
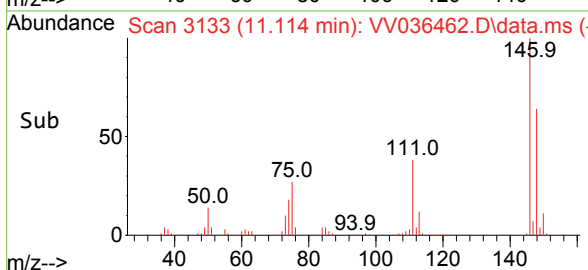
Tgt Ion:105 Resp: 438609
 Ion Ratio Lower Upper
 105 100
 120 46.4 36.2 54.4

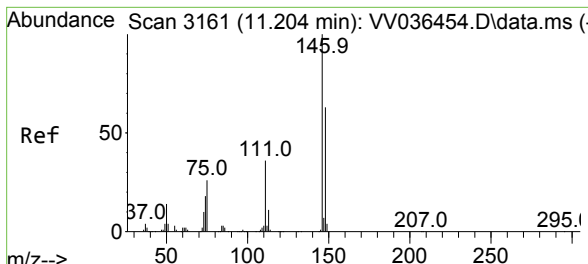


#64
 1,3-Dichlorobenzene
 Concen: 24.237 ug/L
 RT: 11.114 min Scan# 3133
 Delta R.T. -0.000 min
 Lab File: VV036462.D
 Acq: 05 Jul 2024 13:58



Tgt Ion:146 Resp: 300092
 Ion Ratio Lower Upper
 146 100
 111 38.4 27.5 51.1
 148 64.5 44.9 83.3

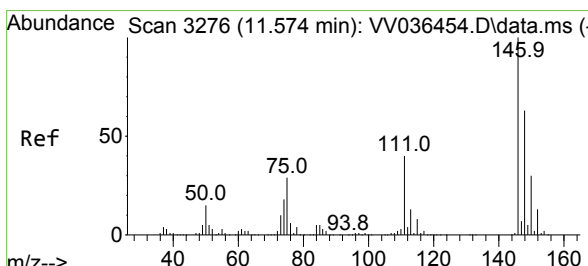
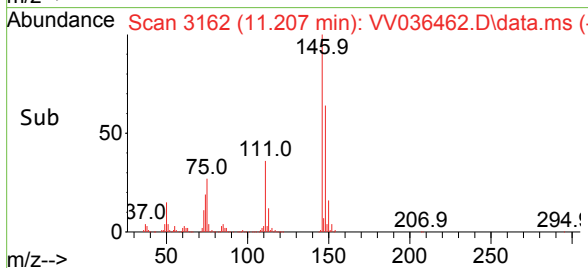
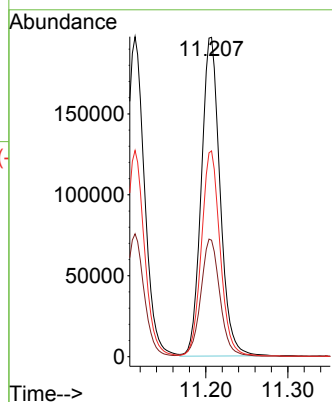
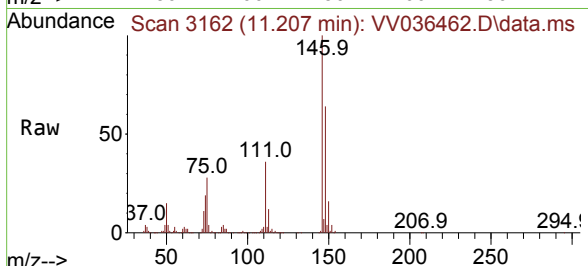




#65
 1,4-Dichlorobenzene
 Concen: 23.556 ug/L
 RT: 11.207 min Scan# 3162
 Delta R.T. 0.003 min
 Lab File: VV036462.D
 Acq: 05 Jul 2024 13:58

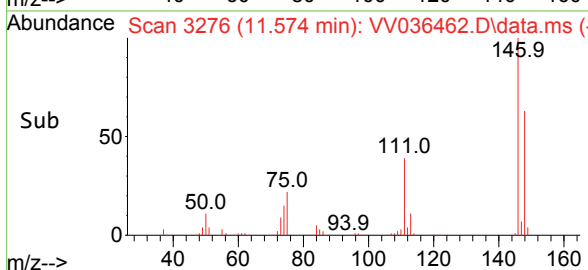
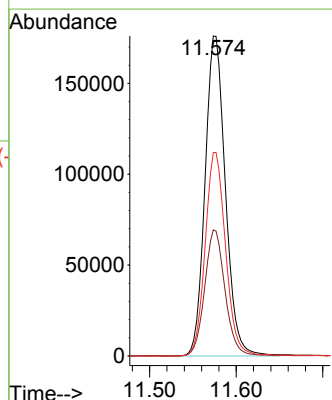
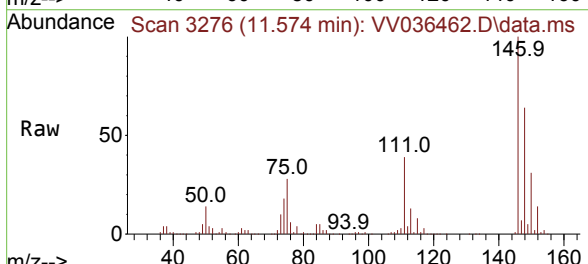
Instrument :
 MSVOA_V
 ClientSampleId :

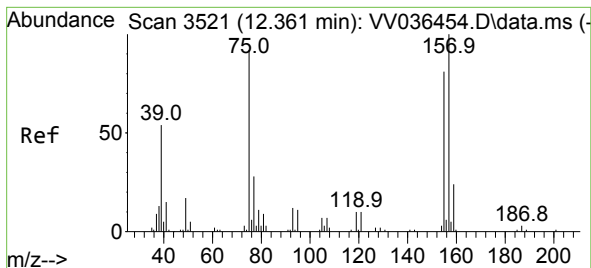
Tgt Ion:146 Resp: 312645
 Ion Ratio Lower Upper
 146 100
 111 36.5 27.5 51.1
 148 64.5 44.0 81.8



#67
 1,2-Dichlorobenzene
 Concen: 24.342 ug/L
 RT: 11.574 min Scan# 3276
 Delta R.T. -0.000 min
 Lab File: VV036462.D
 Acq: 05 Jul 2024 13:58

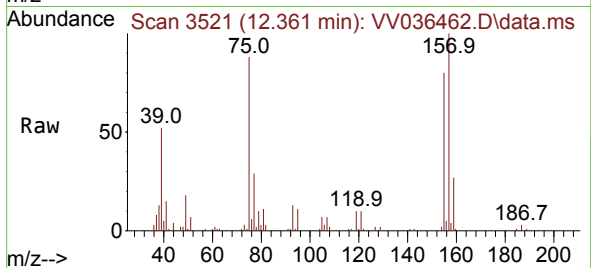
Tgt Ion:146 Resp: 287740
 Ion Ratio Lower Upper
 146 100
 111 39.4 33.3 49.9
 148 63.6 51.1 76.7



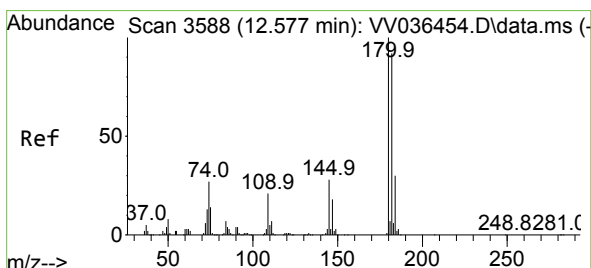
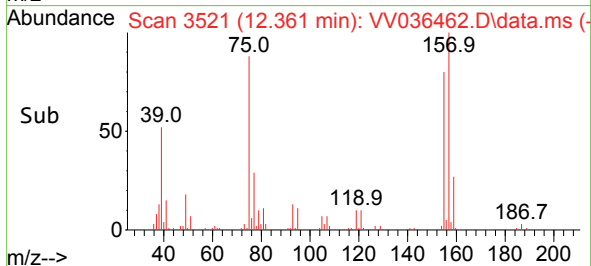
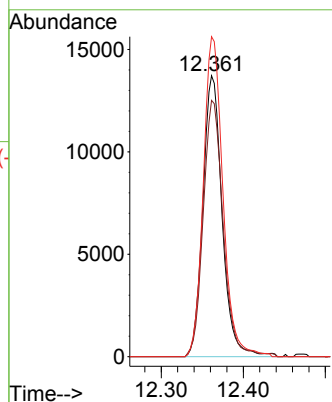


#68
1,2-Dibromo-3-chloropropane
Concen: 22.500 ug/L
RT: 12.361 min Scan# 3521
Delta R.T. -0.000 min
Lab File: VV036462.D
Acq: 05 Jul 2024 13:58

Instrument :
MSVOA_V
ClientSampleId :

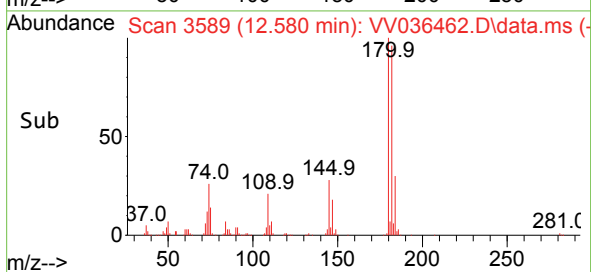
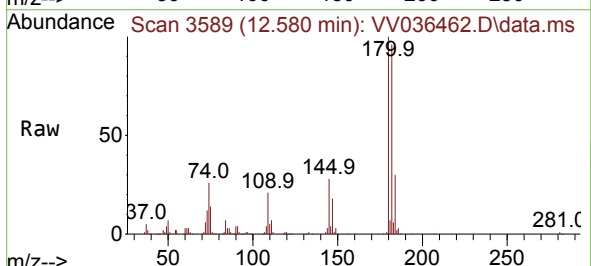
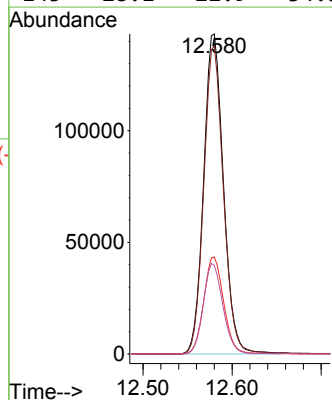


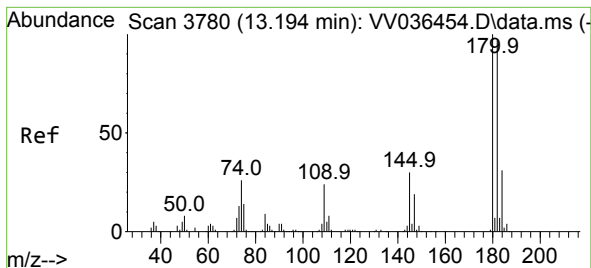
Tgt Ion: 75 Resp: 22393
Ion Ratio Lower Upper
75 100
155 91.2 68.3 102.5
157 113.9 95.7 143.5



#69
1,3,5-Trichlorobenzene
Concen: 23.762 ug/L
RT: 12.580 min Scan# 3589
Delta R.T. 0.003 min
Lab File: VV036462.D
Acq: 05 Jul 2024 13:58

Tgt Ion: 180 Resp: 221535
Ion Ratio Lower Upper
180 100
182 95.3 76.2 114.4
184 30.2 23.3 34.9
145 28.1 22.9 34.3





#70

1,2,4-trichlorobenzene

Concen: 23.431 ug/L

RT: 13.194 min Scan# 31

Delta R.T. -0.000 min

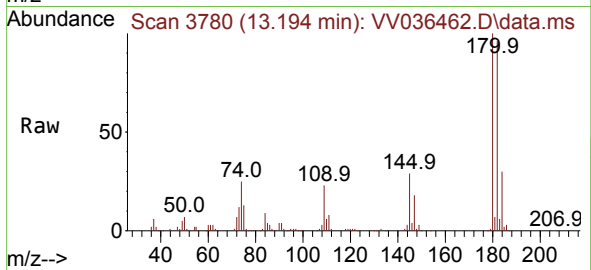
Lab File: VV036462.D

Acq: 05 Jul 2024 13:58

Instrument :

MSVOA_V

ClientSampleId :



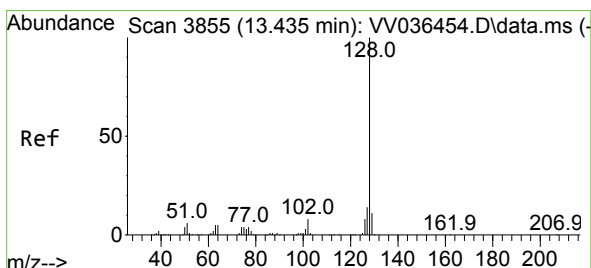
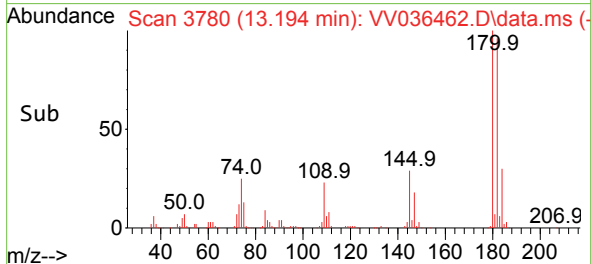
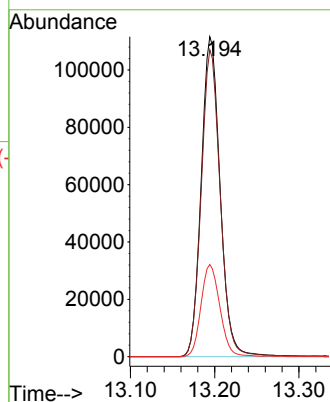
Tgt Ion:180 Resp: 174205

Ion Ratio Lower Upper

180 100

182 96.4 76.1 114.1

145 28.8 23.8 35.8



#71

Naphthalene

Concen: 21.538 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. -0.000 min

Lab File: VV036462.D

Acq: 05 Jul 2024 13:58

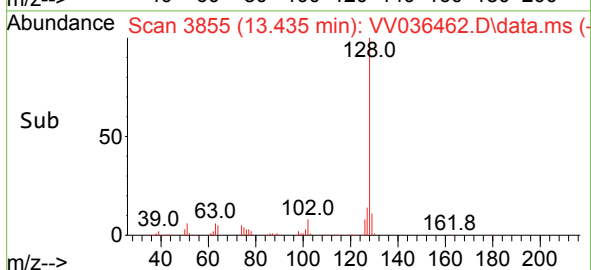
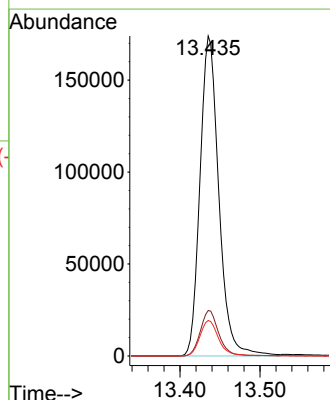
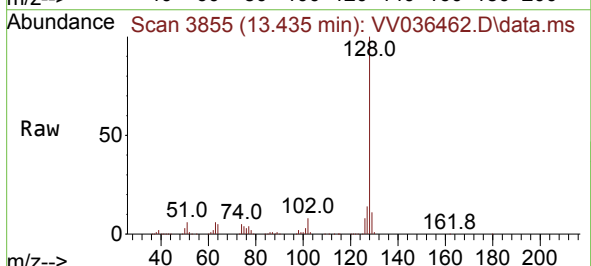
Tgt Ion:128 Resp: 285515

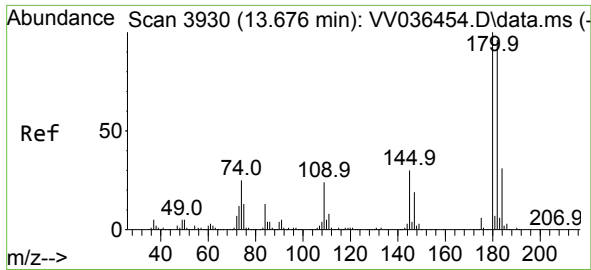
Ion Ratio Lower Upper

128 100

127 13.8 10.8 16.2

129 11.0 8.6 13.0





#72

1,2,3-Trichlorobenzene

Concen: 25.055 ug/L

RT: 13.676 min Scan# 3930

Delta R.T. -0.000 min

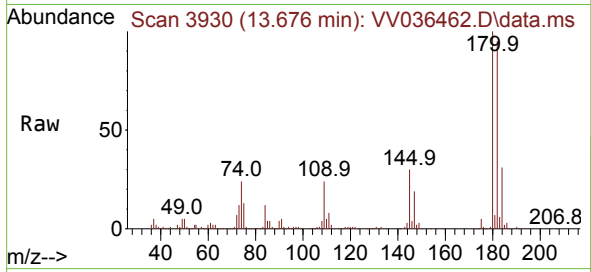
Lab File: VV036462.D

Acq: 05 Jul 2024 13:58

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 175164

Ion Ratio Lower Upper

180 100

182 94.1 76.7 115.1

145 30.4 25.0 37.4

