

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061824\
 Data File : VW036128.D
 Acq On : 18 Jun 2024 18:46
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 19 03:33:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 19 03:24:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	383832	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	398332	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	212748	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	179396	25.422	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 101.680%	
7) Chloroethane-d5	1.526	69	147683	26.246	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 105.000%	
11) 1,1-Dichloroethene-d2	2.047	65	80117	25.503	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 102.000%	
21) 2-Butanone-d5	3.825	46	108668	67.117	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 134.240%	
24) Chloroform-d	4.243	84	339018	27.782	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 111.120%	
26) 1,2-Dichloroethane-d4	4.937	65	195912	30.621	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 122.480%	
32) Benzene-d6	4.953	84	652434	27.555	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 110.200%	
36) 1,2-Dichloropropane-d6	5.985	67	209158	28.051	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 112.200%	
41) Toluene-d8	7.239	98	592884	28.379	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 113.520%	
43) trans-1,3-Dichloroprop...	7.551	79	86211	28.198	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 112.800%	
47) 2-Hexanone-d5	8.027	63	77198	76.416	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 152.840%#	
56) 1,1,2,2-Tetrachloroeth...	10.149	84	169089	30.347	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 121.400%#	
66) 1,2-Dichlorobenzene-d4	11.558	152	212140	27.191	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 108.760%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.101	85	146642	21.189	ug/L	99
3) Chloromethane	1.211	50	188528	23.736	ug/L	98
5) Vinyl chloride	1.275	62	198242	23.709	ug/L	100
6) Bromomethane	1.481	94	127613	24.601	ug/L	99
8) Chloroethane	1.542	64	127350	24.503	ug/L	97
9) Trichlorofluoromethane	1.706	101	255706	24.625	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.056	101	155366	23.575	ug/L	100
12) 1,1-Dichloroethene	2.060	96	146622	23.855	ug/L	97
14) Carbon disulfide	2.230	76	501327	23.487	ug/L	99
15) Methyl Acetate	2.384	43	92802	29.603	ug/L	99
16) Methylene chloride	2.439	84	196871	22.667	ug/L	100
17) trans-1,2-Dichloroethene	2.687	96	158111	24.216	ug/L	98
18) Methyl tert-butyl Ether	2.703	73	419550	28.623	ug/L	99
19) 1,1-Dichloroethane	3.104	63	315683	25.389	ug/L	100
20) cis-1,2-Dichloroethene	3.809	96	167898	25.591	ug/L	99
22) 2-Butanone	3.899	43	99163	46.338	ug/L	88
23) Bromochloromethane	4.143	128	88468	26.883	ug/L	97
25) Chloroform	4.268	83	332736	26.014	ug/L	100
27) 1,2-Dichloroethane	5.037	62	228079	28.562	ug/L	99

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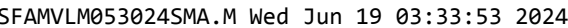
Instrument :
 MSVOA_V
 ClientSampleId :

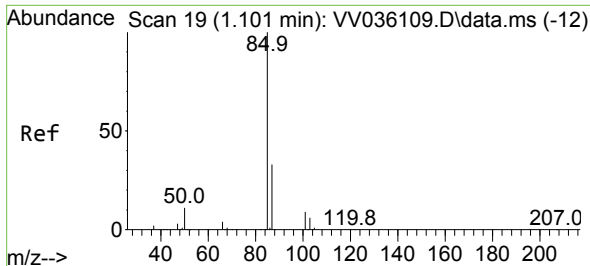
Quant Time: Jun 19 03:33:40 2024
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 Quant Title : VOC Analysis
 QLast Update : Wed Jun 19 03:24:16 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	4.574	56	210852	22.232	ug/L	100
30) 1,1,1-Trichloroethane	4.503	97	258025	23.694	ug/L	98
31) Carbon tetrachloride	4.728	117	223092	23.352	ug/L	100
33) Benzene	5.005	78	673823	25.864	ug/L	100
34) Trichloroethene	5.828	95	200337	25.090	ug/L	99
35) Methylcyclohexane	6.047	83	247457	22.411	ug/L	99
37) 1,2-Dichloropropane	6.088	63	178065	26.030	ug/L	99
38) Bromodichloromethane	6.429	83	239423	26.443	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	258041	25.220	ug/L	100
40) 4-Methyl-2-pentanone	7.159	43	234144	62.999	ug/L	98
42) Toluene	7.313	91	698265	26.230	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	235397	26.636	ug/L	97
45) 1,1,2-Trichloroethane	7.767	97	155888	27.541	ug/L	99
46) Tetrachloroethene	7.902	164	131408	22.503	ug/L	97
48) 2-Hexanone	8.079	43	172072	59.221	ug/L	98
49) Dibromochloromethane	8.175	129	168470	27.196	ug/L	100
50) 1,2-Dibromoethane	8.281	107	154232	28.398	ug/L	100
51) Chlorobenzene	8.812	112	453248	24.989	ug/L	99
52) Ethylbenzene	8.944	91	718655	25.232	ug/L	99
53) m,p-Xylene	9.072	106	274077	25.610	ug/L	98
54) o-Xylene	9.477	106	260667	25.829	ug/L	100
55) Styrene	9.493	104	494736	27.799	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	138922	27.411	ug/L	100
59) Bromoform	9.664	173	112831	28.122	ug/L	99
60) Isopropylbenzene	9.866	105	674423	24.709	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	148332	29.480	ug/L	97
62) 1,3,5-Trimethylbenzene	10.474	105	487124	24.612	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	551111	25.844	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	348986	24.347	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	359031	24.267	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	341778	25.338	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	35032	31.135	ug/L	99
69) 1,3,5-Trichlorobenzene	12.580	180	240635	22.443	ug/L	100
70) 1,2,4-trichlorobenzene	13.197	180	197462	23.390	ug/L	100
71) Naphthalene	13.435	128	432807	31.414	ug/L	99
72) 1,2,3-Trichlorobenzene	13.676	180	204575	26.555	ug/L	100

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

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Response via : Initial Calibration

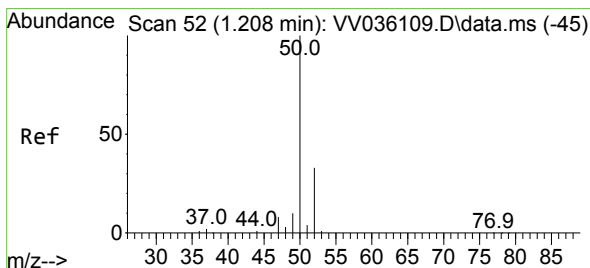
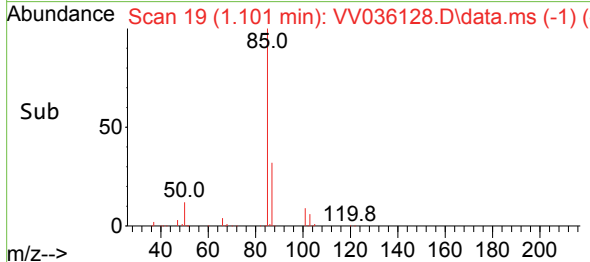
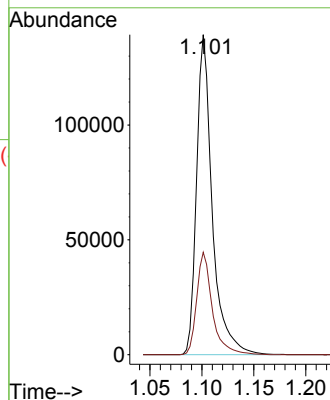
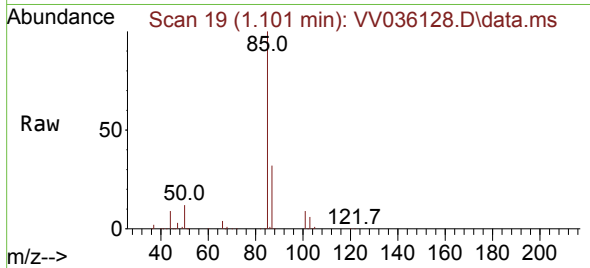




#2
 Dichlorodifluoromethane
 Concen: 21.189 ug/L
 RT: 1.101 min Scan# 19
 Delta R.T. -0.000 min
 Lab File: VV036128.D
 Acq: 18 Jun 2024 18:46

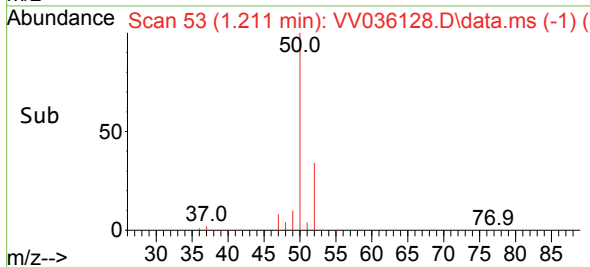
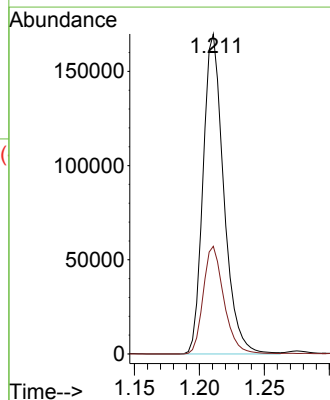
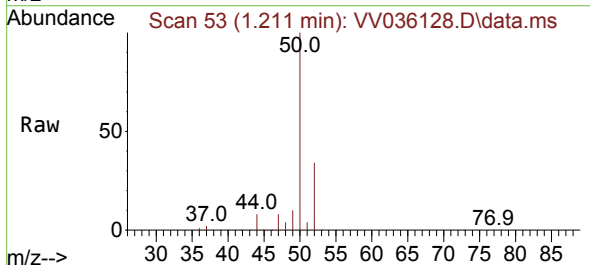
Instrument :
 MSVOA_V
 ClientSampleId :

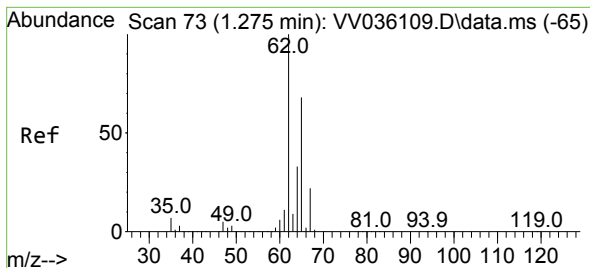
Tgt Ion: 85 Resp: 146642
 Ion Ratio Lower Upper
 85 100
 87 31.9 25.9 38.9



#3
 Chloromethane
 Concen: 23.736 ug/L
 RT: 1.211 min Scan# 53
 Delta R.T. 0.003 min
 Lab File: VV036128.D
 Acq: 18 Jun 2024 18:46

Tgt Ion: 50 Resp: 188528
 Ion Ratio Lower Upper
 50 100
 52 33.7 22.8 42.4





#5

Vinyl chloride

Concen: 23.709 ug/L

RT: 1.275 min Scan# 71

Delta R.T. -0.000 min

Lab File: VV036128.D

Acq: 18 Jun 2024 18:46

Instrument :

MSVOA_V

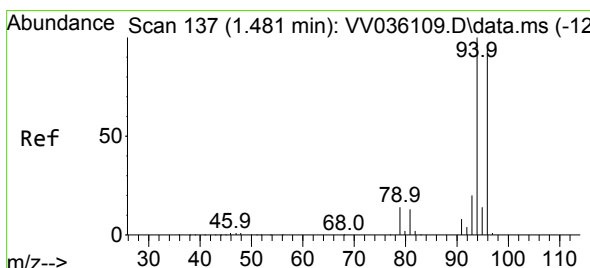
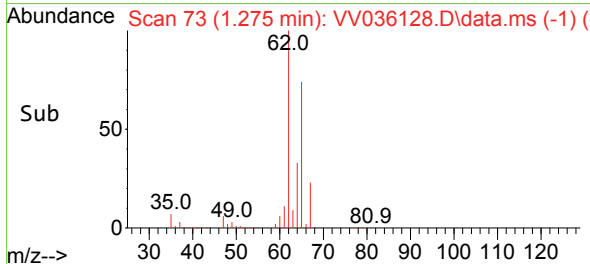
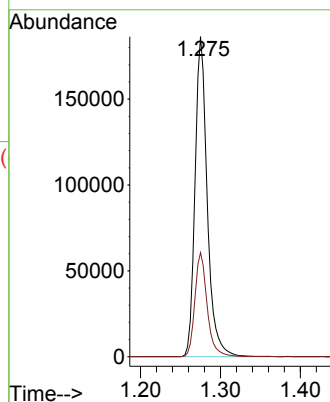
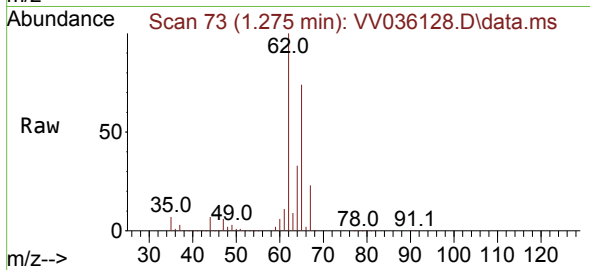
ClientSampleId :

Tgt Ion: 62 Resp: 198242

Ion Ratio Lower Upper

62 100

64 32.5 22.9 42.5



#6

Bromomethane

Concen: 24.601 ug/L

RT: 1.481 min Scan# 137

Delta R.T. -0.000 min

Lab File: VV036128.D

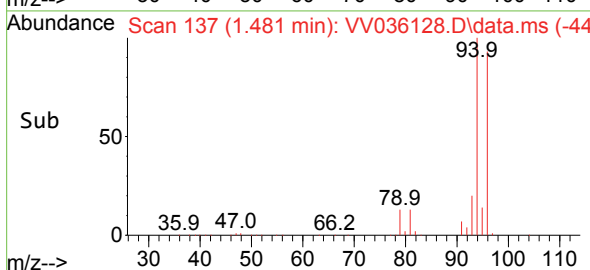
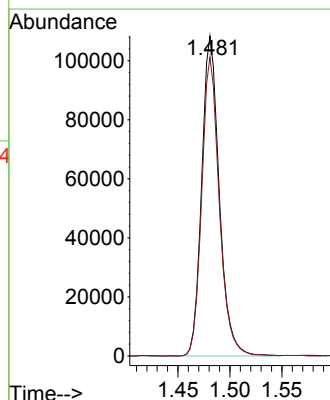
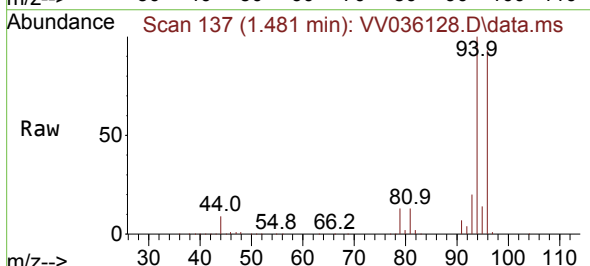
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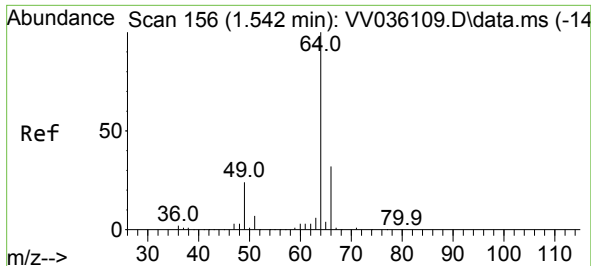
Tgt Ion: 94 Resp: 127613

Ion Ratio Lower Upper

94 100

96 93.4 65.7 122.1

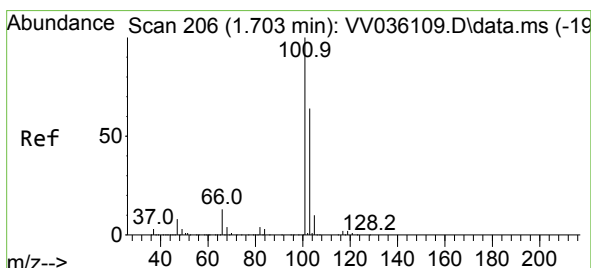
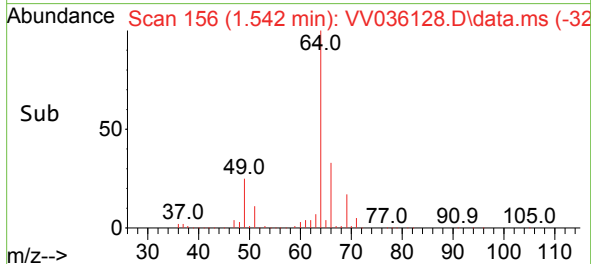
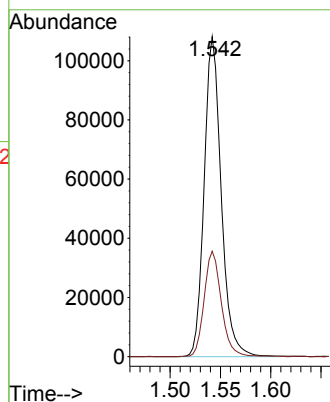
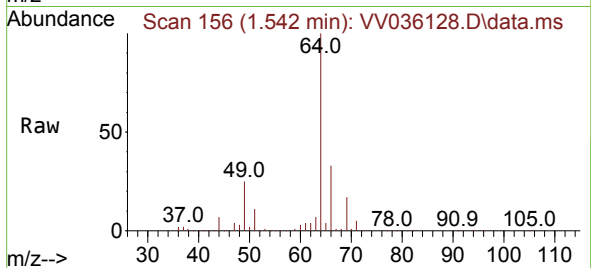




#8
Chloroethane
Concen: 24.503 ug/L
RT: 1.542 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV036128.D
Acq: 18 Jun 2024 18:46

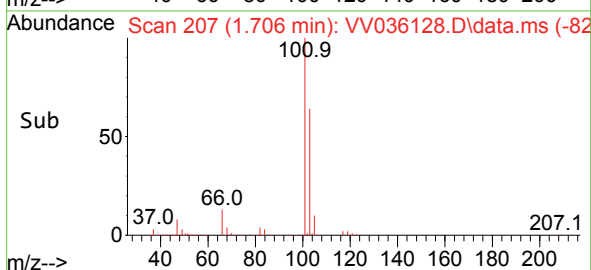
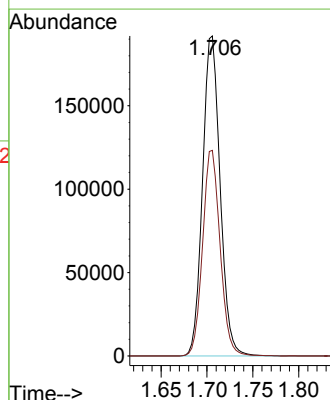
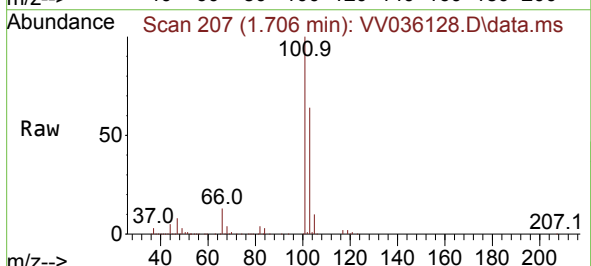
Instrument :
MSVOA_V
ClientSampleId :

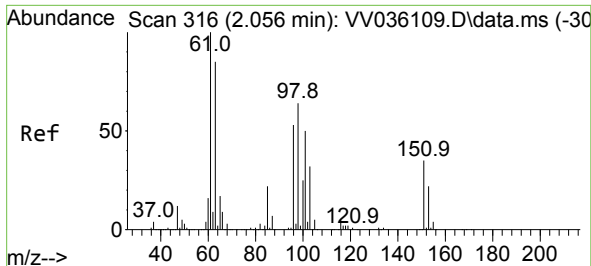
Tgt Ion: 64 Resp: 127350
Ion Ratio Lower Upper
64 100
66 32.9 22.0 41.0



#9
Trichlorofluoromethane
Concen: 24.625 ug/L
RT: 1.706 min Scan# 207
Delta R.T. 0.003 min
Lab File: VV036128.D
Acq: 18 Jun 2024 18:46

Tgt Ion:101 Resp: 255706
Ion Ratio Lower Upper
101 100
103 64.0 51.8 77.8





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 23.575 ug/L

RT: 2.056 min Scan# 316

Delta R.T. -0.000 min

Lab File: VV036128.D

Acq: 18 Jun 2024 18:46

Instrument :

MSVOA_V

ClientSampleId :

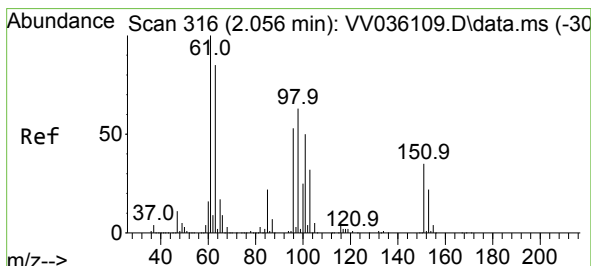
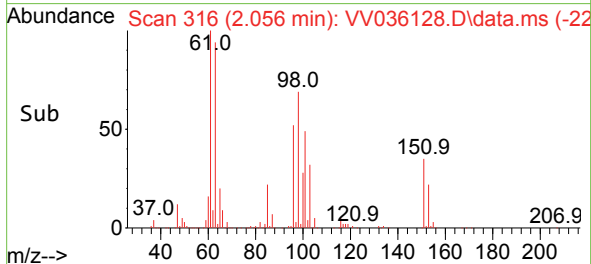
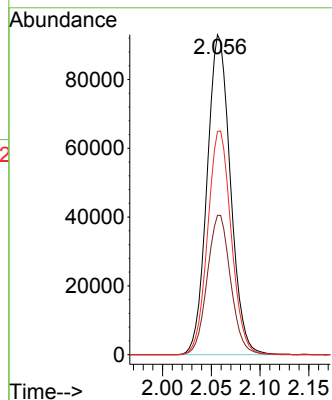
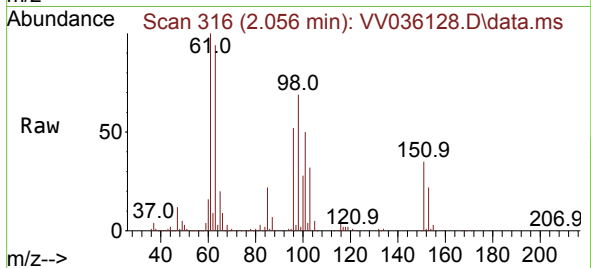
Tgt Ion:101 Resp: 155366

Ion Ratio Lower Upper

101 100

85 43.6 34.5 51.7

151 70.6 56.3 84.5



#12

1,1-Dichloroethene

Concen: 23.855 ug/L

RT: 2.060 min Scan# 317

Delta R.T. 0.003 min

Lab File: VV036128.D

Acq: 18 Jun 2024 18:46

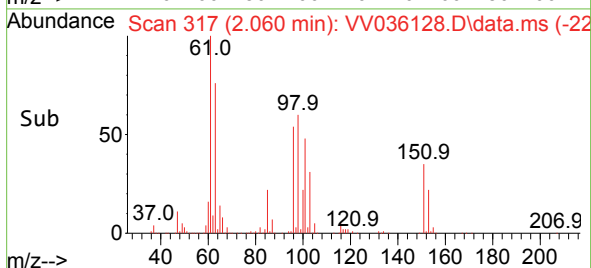
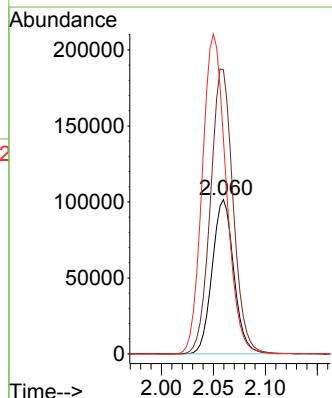
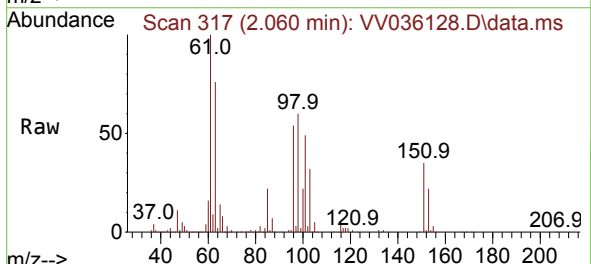
Tgt Ion: 96 Resp: 146622

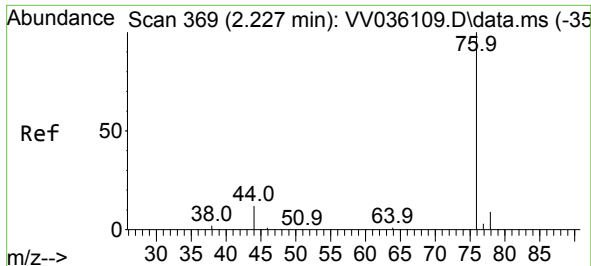
Ion Ratio Lower Upper

96 100

61 184.4 127.3 236.3

63 139.8 93.7 173.9

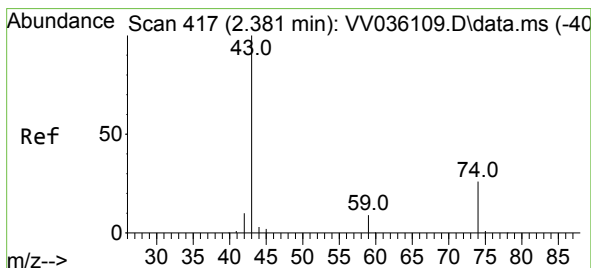
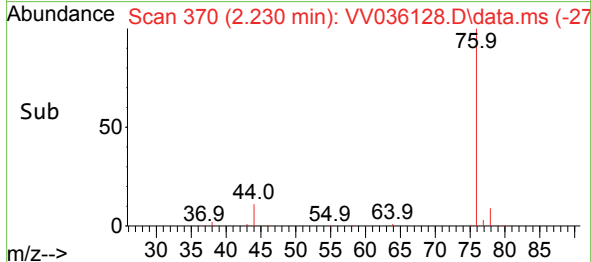
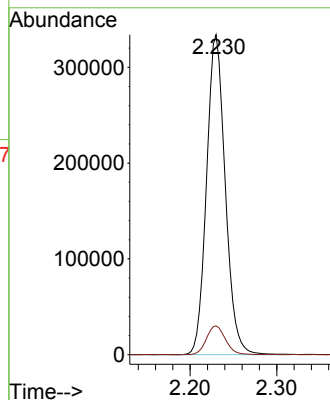
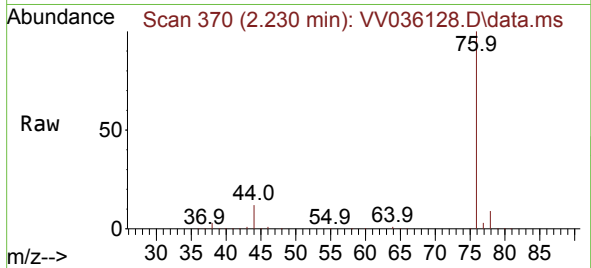




#14
Carbon disulfide
Concen: 23.487 ug/L
RT: 2.230 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV036128.D
Acq: 18 Jun 2024 18:46

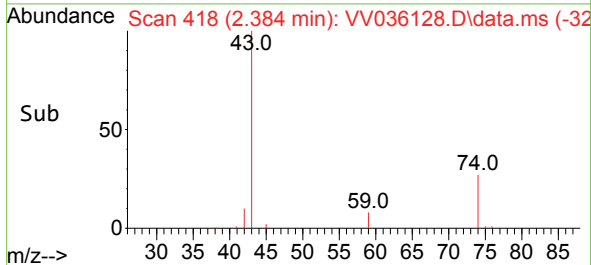
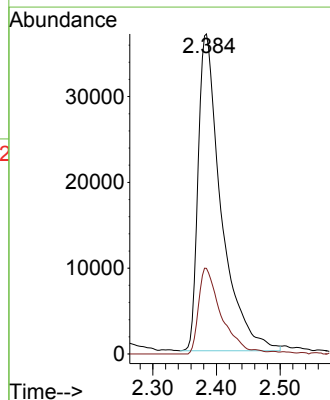
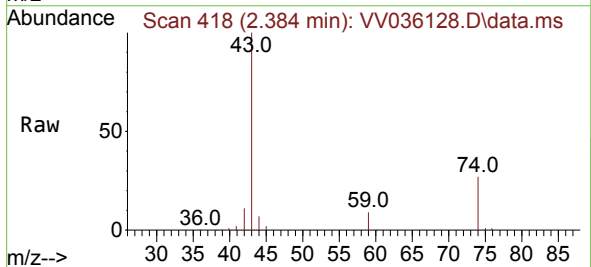
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ClientSampleId :

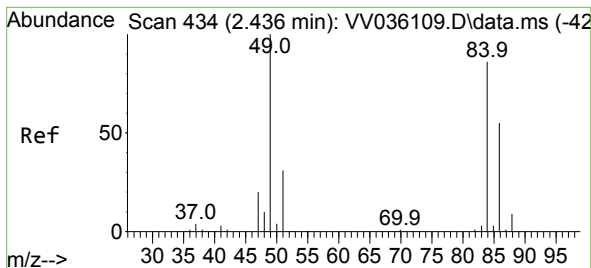
Tgt Ion: 76 Resp: 501327
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2



#15
Methyl Acetate
Concen: 29.603 ug/L
RT: 2.384 min Scan# 418
Delta R.T. 0.003 min
Lab File: VV036128.D
Acq: 18 Jun 2024 18:46

Tgt Ion: 43 Resp: 92802
Ion Ratio Lower Upper
43 100
74 26.1 21.4 32.2





#16

Methylene chloride

Concen: 22.667 ug/L

RT: 2.439 min Scan# 41

Delta R.T. 0.003 min

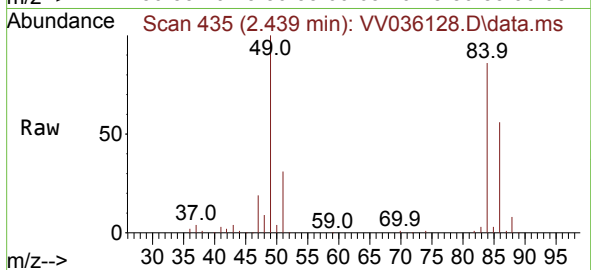
Lab File: VV036128.D

Acq: 18 Jun 2024 18:46

Instrument :

MSVOA_V

ClientSampleId :



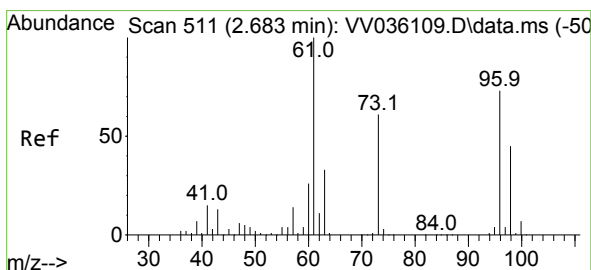
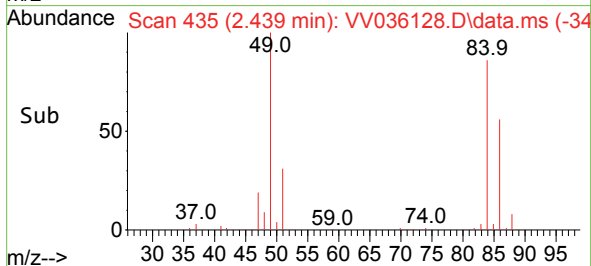
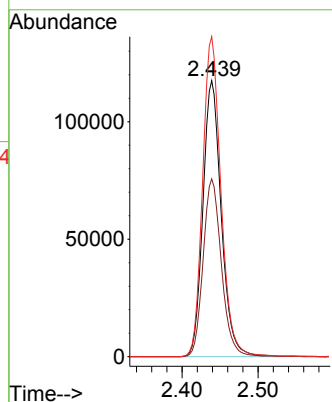
Tgt Ion: 84 Resp: 196871

Ion Ratio Lower Upper

84 100

86 64.4 44.6 82.8

49 116.0 81.1 150.5



#17

trans-1,2-Dichloroethene

Concen: 24.216 ug/L

RT: 2.687 min Scan# 512

Delta R.T. 0.003 min

Lab File: VV036128.D

Acq: 18 Jun 2024 18:46

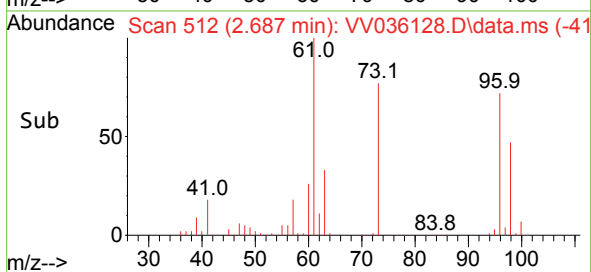
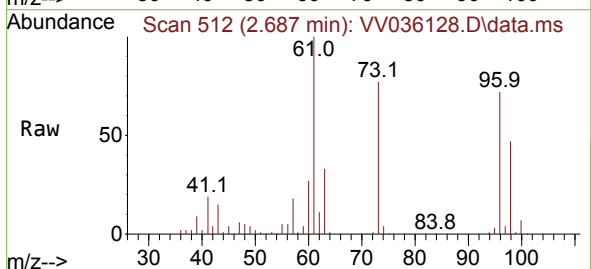
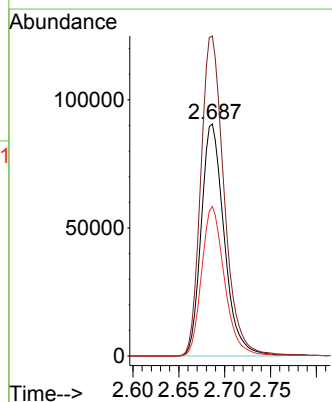
Tgt Ion: 96 Resp: 158111

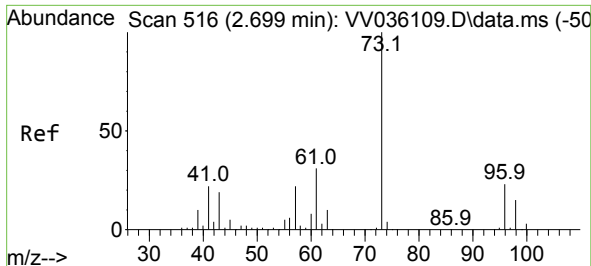
Ion Ratio Lower Upper

96 100

61 137.9 99.4 184.6

98 64.4 44.9 83.3

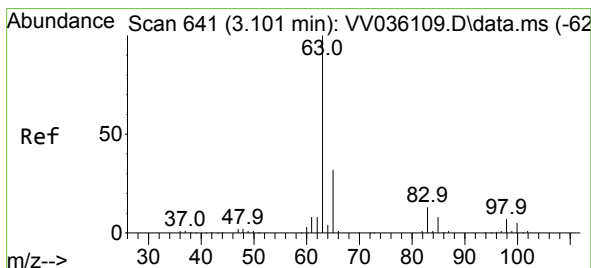
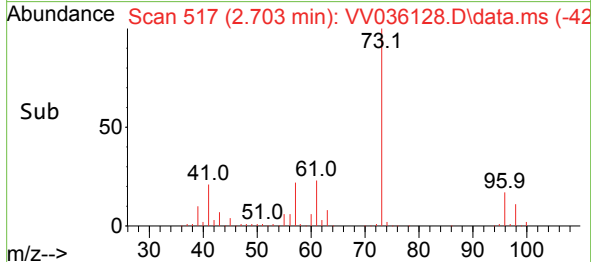
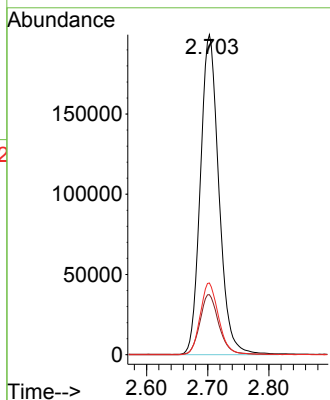
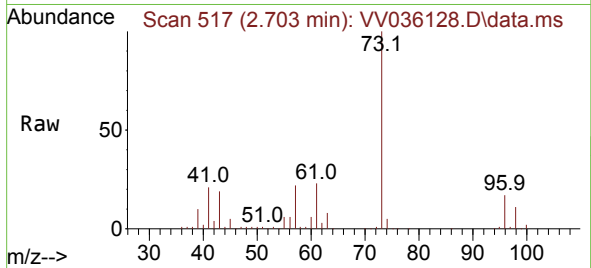




#18
Methyl tert-butyl Ether
Concen: 28.623 ug/L
RT: 2.703 min Scan# 516
Delta R.T. 0.003 min
Lab File: VV036128.D
Acq: 18 Jun 2024 18:46

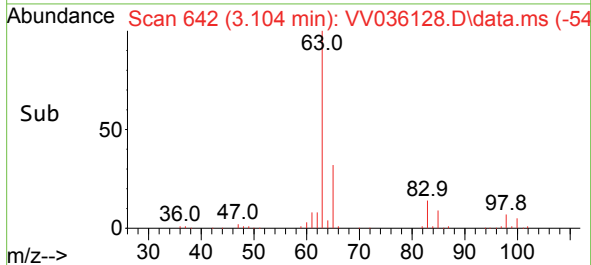
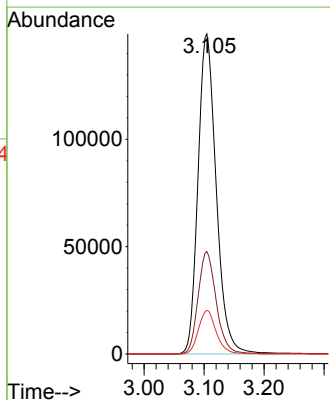
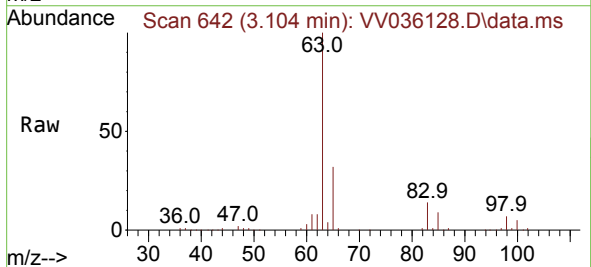
Instrument :
MSVOA_V
ClientSampleId :

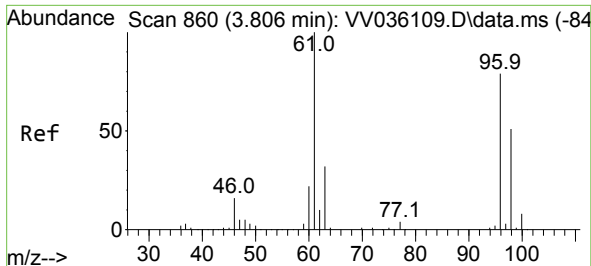
Tgt Ion: 73 Resp: 419550
Ion Ratio Lower Upper
73 100
43 18.9 14.3 21.5
57 22.3 17.8 26.6



#19
1,1-Dichloroethane
Concen: 25.389 ug/L
RT: 3.104 min Scan# 642
Delta R.T. 0.003 min
Lab File: VV036128.D
Acq: 18 Jun 2024 18:46

Tgt Ion: 63 Resp: 315683
Ion Ratio Lower Upper
63 100
65 32.0 22.4 41.6
83 13.6 9.2 17.0

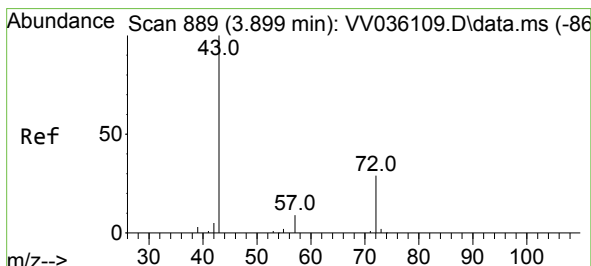
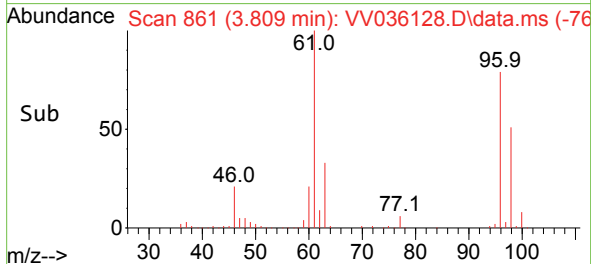
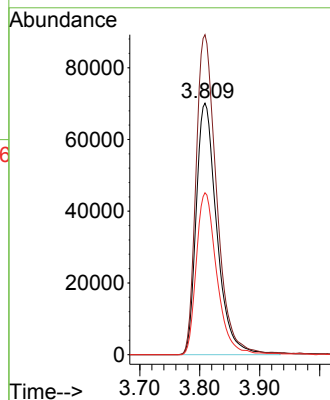
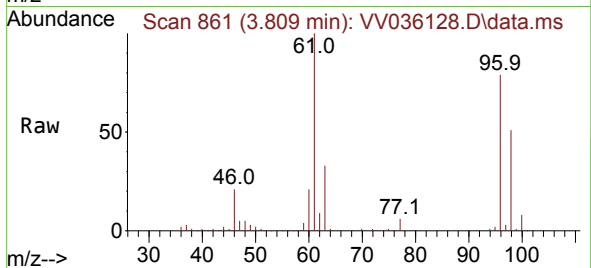




#20
cis-1,2-Dichloroethene
Concen: 25.591 ug/L
RT: 3.809 min Scan# 860
Delta R.T. 0.003 min
Lab File: VV036128.D
Acq: 18 Jun 2024 18:46

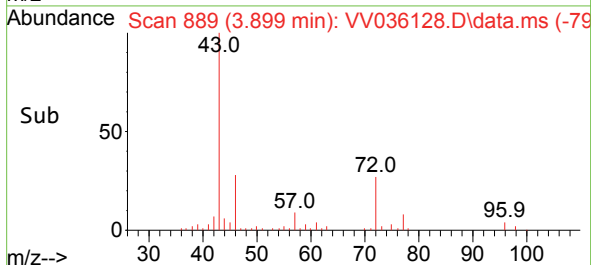
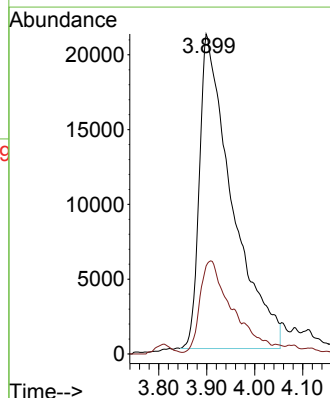
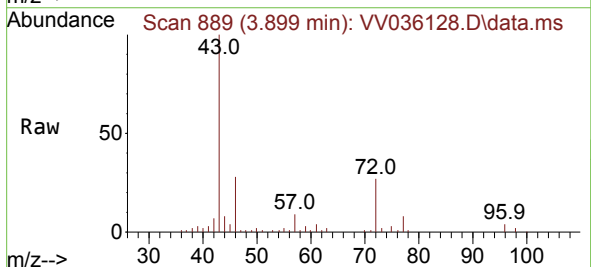
Instrument :
MSVOA_V
ClientSampleId :

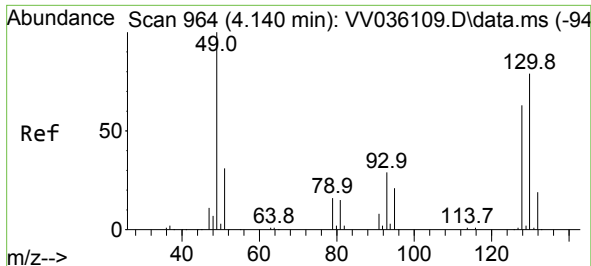
Tgt Ion: 96 Resp: 167898
Ion Ratio Lower Upper
96 100
61 127.2 87.9 163.3
98 64.4 44.4 82.5



#22
2-Butanone
Concen: 46.338 ug/L
RT: 3.899 min Scan# 889
Delta R.T. -0.000 min
Lab File: VV036128.D
Acq: 18 Jun 2024 18:46

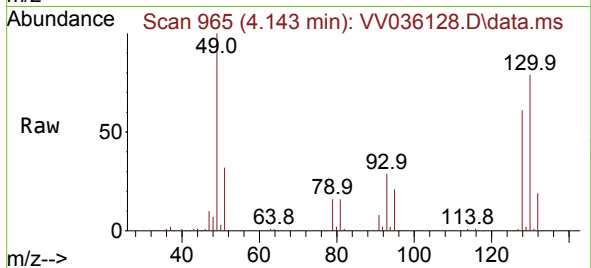
Tgt Ion: 43 Resp: 99163
Ion Ratio Lower Upper
43 100
72 21.4 8.2 24.4



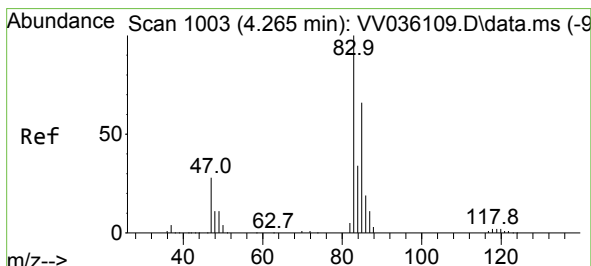
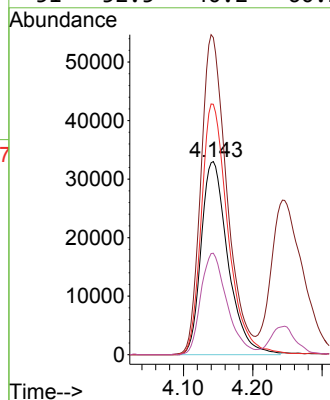
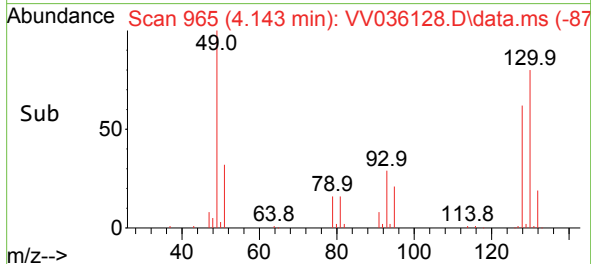


#23
Bromochloromethane
Concen: 26.883 ug/L
RT: 4.143 min Scan# 91
Delta R.T. 0.003 min
Lab File: VV036128.D
Acq: 18 Jun 2024 18:46

Instrument :
MSVOA_V
ClientSampleId :

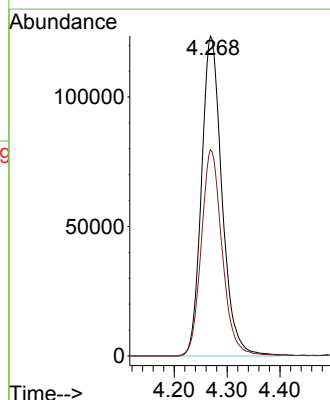
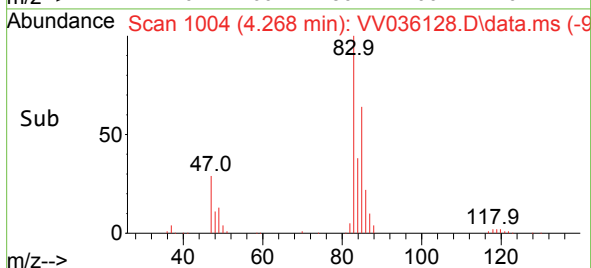
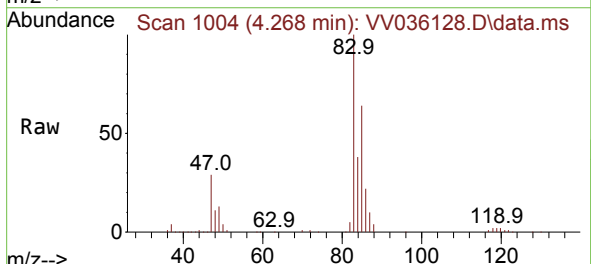


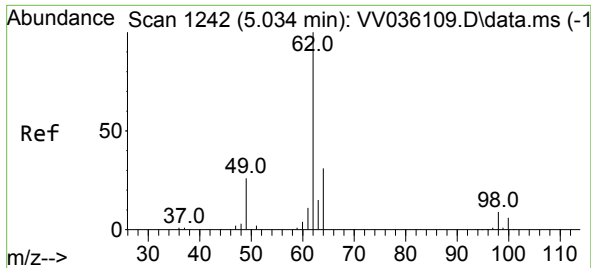
Tgt Ion:128 Resp: 88468
Ion Ratio Lower Upper
128 100
49 164.2 110.2 204.6
130 129.7 90.2 167.4
51 52.5 40.2 60.2



#25
Chloroform
Concen: 26.014 ug/L
RT: 4.268 min Scan# 1004
Delta R.T. 0.003 min
Lab File: VV036128.D
Acq: 18 Jun 2024 18:46

Tgt Ion: 83 Resp: 332736
Ion Ratio Lower Upper
83 100
85 64.5 45.2 84.0

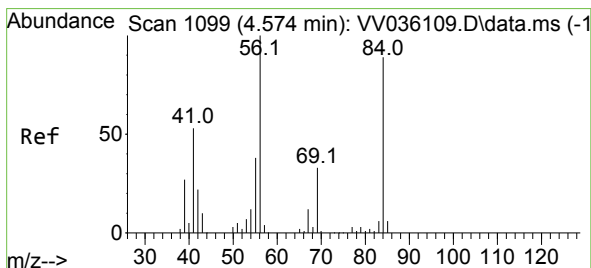
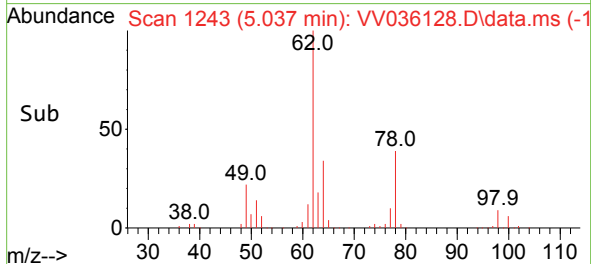
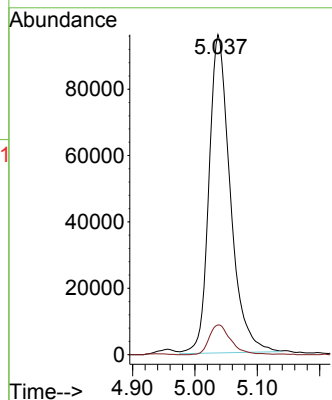
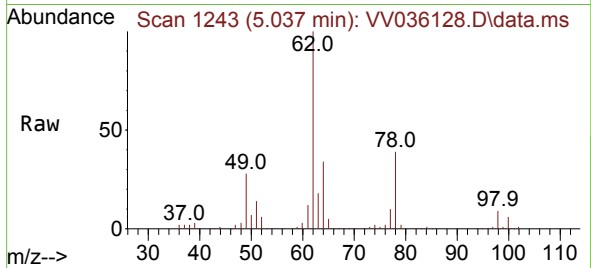




#27
1,2-Dichloroethane
Concen: 28.562 ug/L
RT: 5.037 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV036128.D
Acq: 18 Jun 2024 18:46

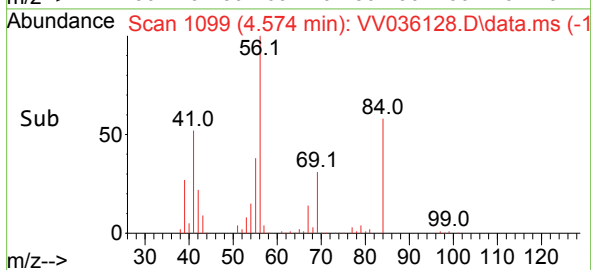
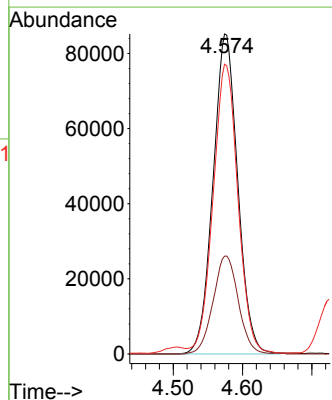
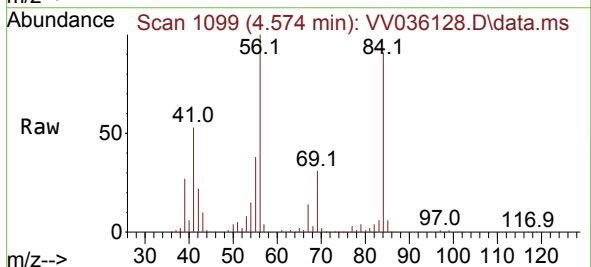
Instrument :
MSVOA_V
ClientSampleId :

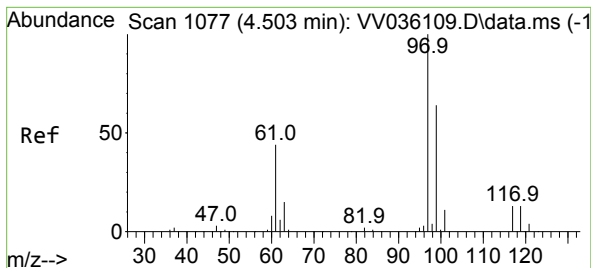
Tgt Ion: 62 Resp: 228079
Ion Ratio Lower Upper
62 100
98 9.3 7.8 11.6



#29
Cyclohexane
Concen: 22.232 ug/L
RT: 4.574 min Scan# 1099
Delta R.T. -0.000 min
Lab File: VV036128.D
Acq: 18 Jun 2024 18:46

Tgt Ion: 56 Resp: 210852
Ion Ratio Lower Upper
56 100
69 31.3 25.2 37.8
84 90.6 72.2 108.2





#30

1,1,1-Trichloroethane

Concen: 23.694 ug/L

RT: 4.503 min Scan# 1107

Delta R.T. -0.000 min

Lab File: VV036128.D

Acq: 18 Jun 2024 18:46

Instrument :

MSVOA_V

ClientSampleId :

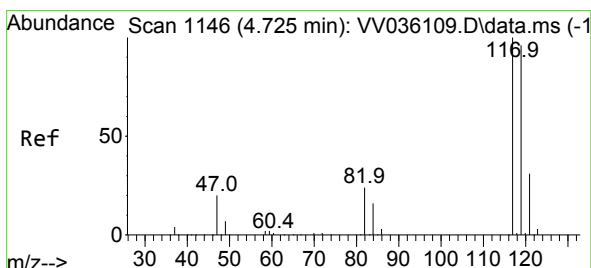
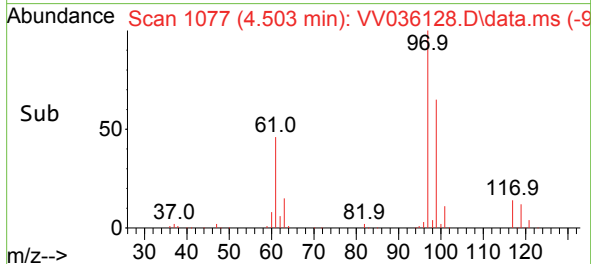
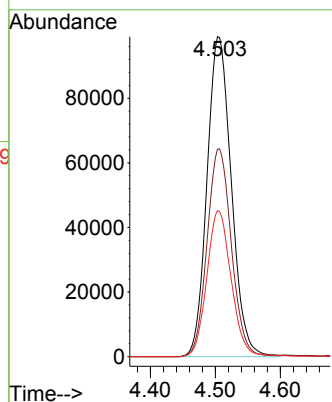
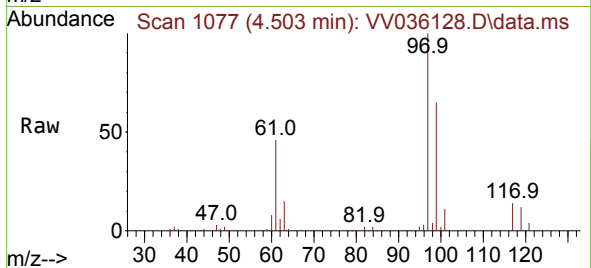
Tgt Ion: 97 Resp: 258025

Ion Ratio Lower Upper

97 100

99 64.7 50.9 76.3

61 45.5 35.0 52.6



#31

Carbon tetrachloride

Concen: 23.352 ug/L

RT: 4.728 min Scan# 1147

Delta R.T. 0.003 min

Lab File: VV036128.D

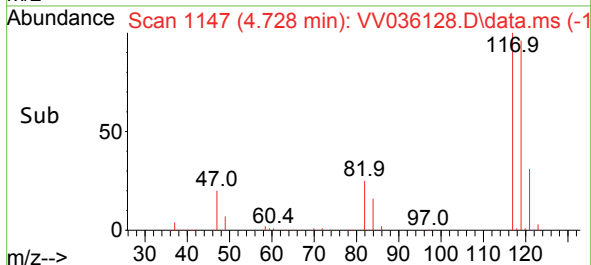
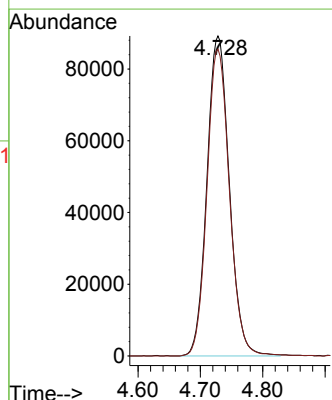
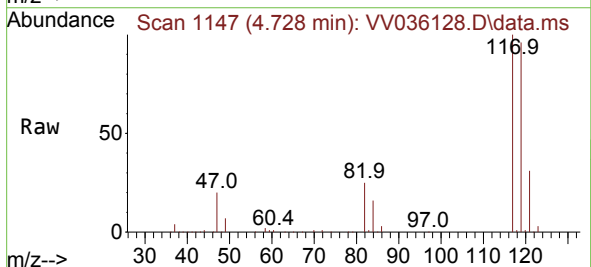
Acq: 18 Jun 2024 18:46

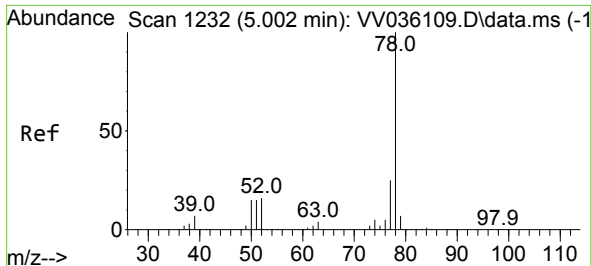
Tgt Ion: 117 Resp: 223092

Ion Ratio Lower Upper

117 100

119 96.1 76.8 115.2

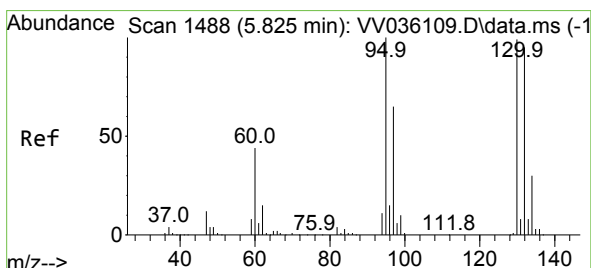
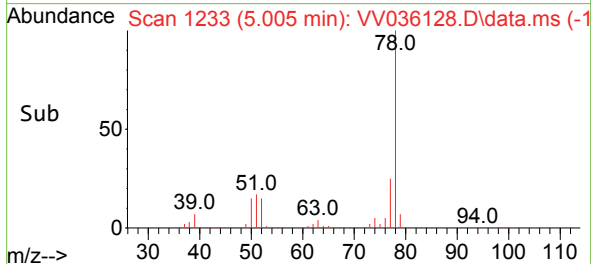
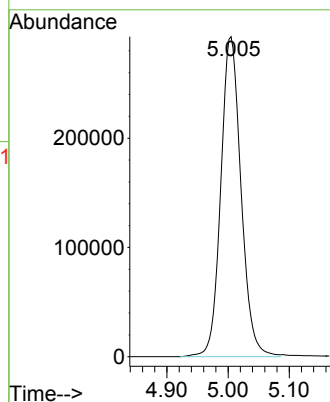
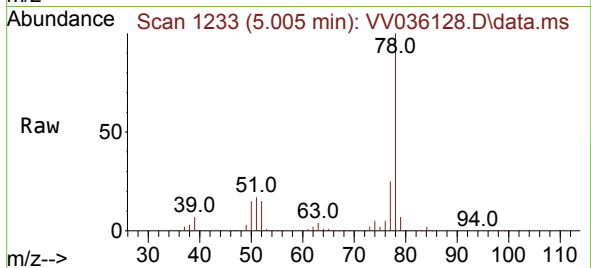




#33
Benzene
Concen: 25.864 ug/L
RT: 5.005 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV036128.D
Acq: 18 Jun 2024 18:46

Instrument :
MSVOA_V
ClientSampleId :

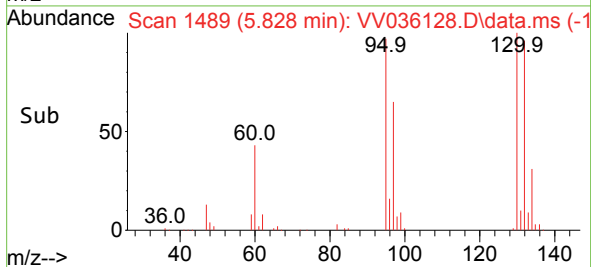
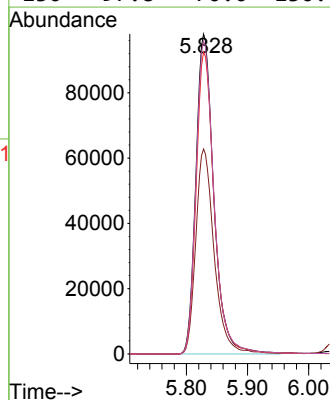
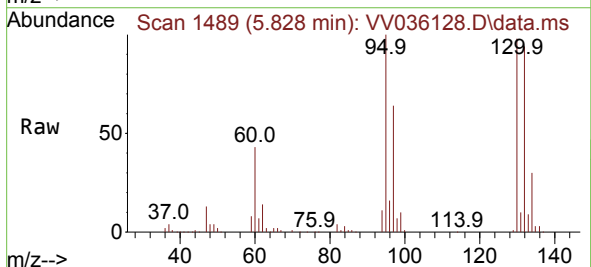
Tgt Ion: 78 Resp: 673823

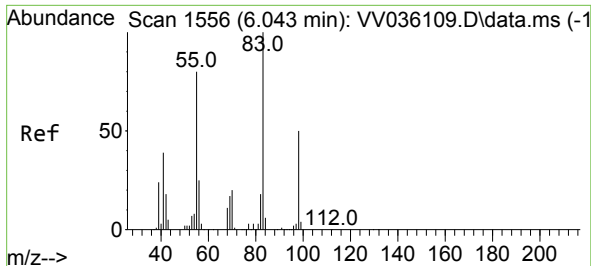


#34
Trichloroethene
Concen: 25.090 ug/L
RT: 5.828 min Scan# 1489
Delta R.T. 0.003 min
Lab File: VV036128.D
Acq: 18 Jun 2024 18:46

Tgt Ion: 95 Resp: 200337

Ion	Ratio	Lower	Upper
95	100		
97	64.0	44.8	83.2
132	94.3	66.8	124.2
130	97.8	70.0	130.0

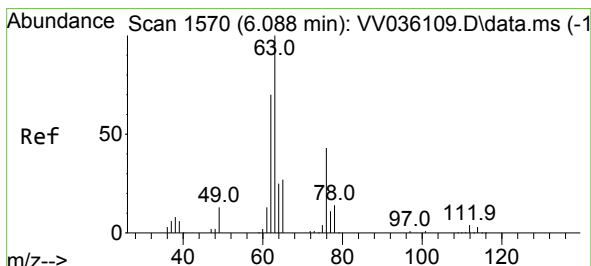
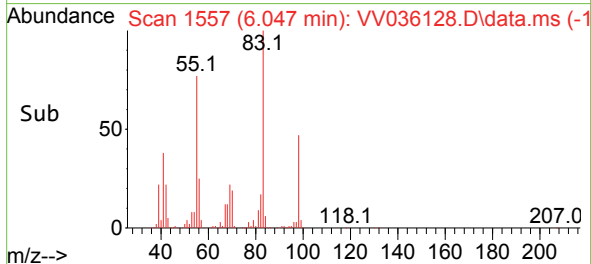
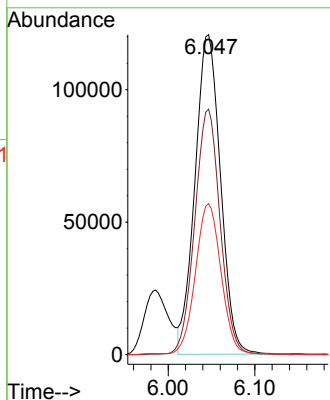
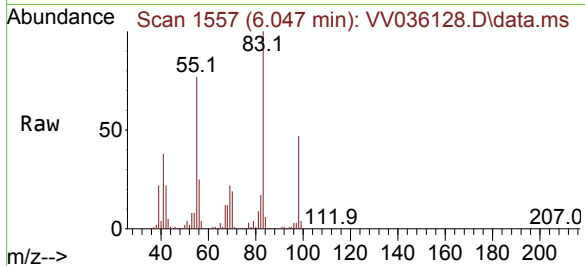




#35
Methylcyclohexane
Concen: 22.411 ug/L
RT: 6.047 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV036128.D
Acq: 18 Jun 2024 18:46

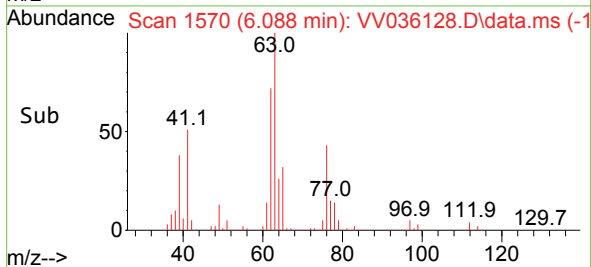
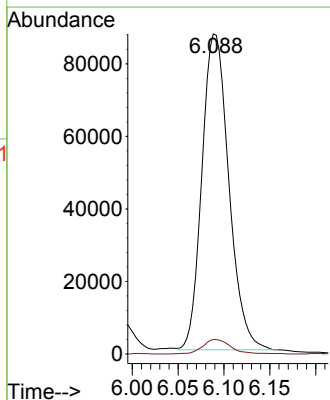
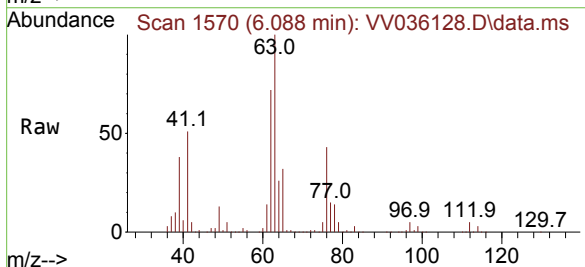
Instrument :
MSVOA_V
ClientSampleId :

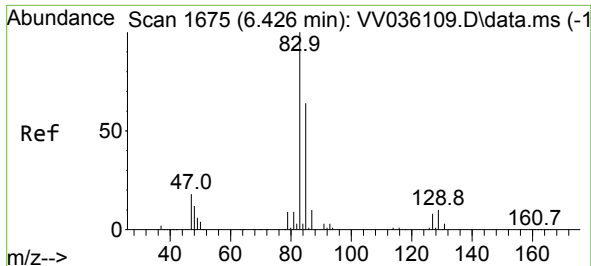
Tgt Ion: 83 Resp: 247457
Ion Ratio Lower Upper
83 100
55 76.2 60.7 91.1
98 47.6 38.7 58.1



#37
1,2-Dichloropropane
Concen: 26.030 ug/L
RT: 6.088 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VV036128.D
Acq: 18 Jun 2024 18:46

Tgt Ion: 63 Resp: 178065
Ion Ratio Lower Upper
63 100
112 4.8 3.5 5.3

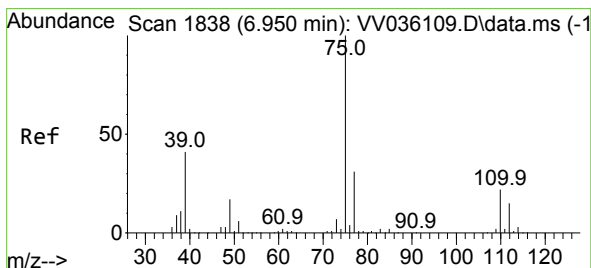
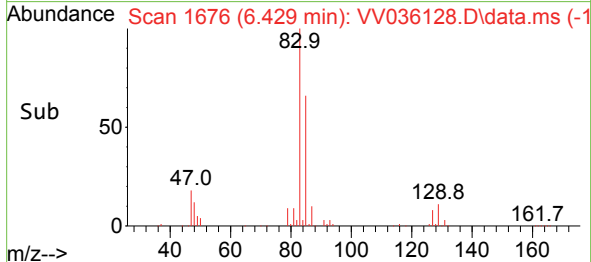
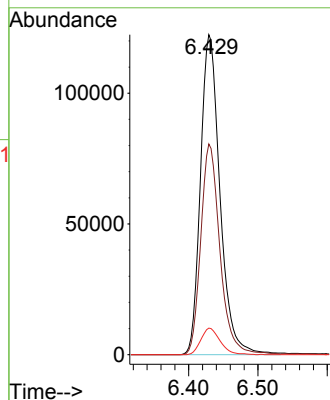
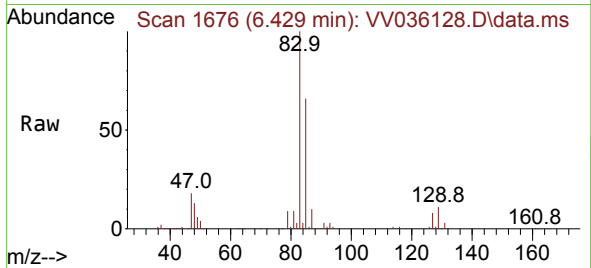




#38
Bromodichloromethane
Concen: 26.443 ug/L
RT: 6.429 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV036128.D
Acq: 18 Jun 2024 18:46

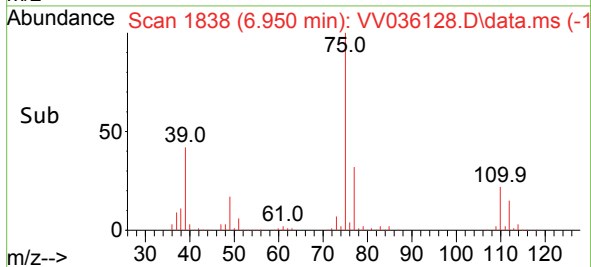
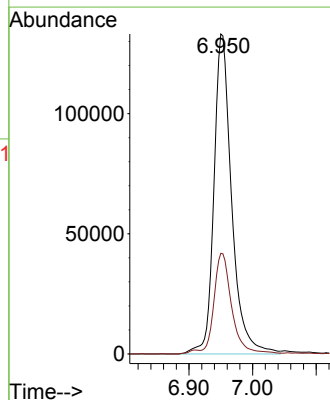
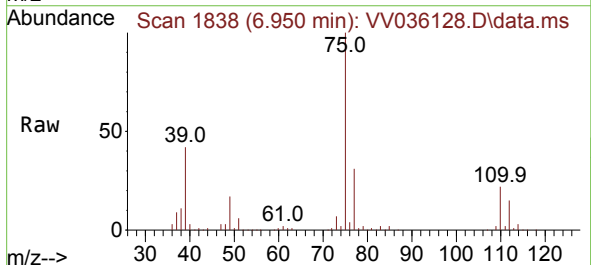
Instrument :
MSVOA_V
ClientSampleId :

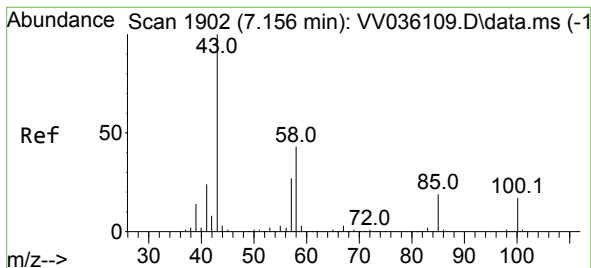
Tgt Ion: 83 Resp: 239423
Ion Ratio Lower Upper
83 100
85 65.8 45.3 84.1
127 8.3 6.7 10.1



#39
cis-1,3-Dichloropropene
Concen: 25.220 ug/L
RT: 6.950 min Scan# 1838
Delta R.T. -0.000 min
Lab File: VV036128.D
Acq: 18 Jun 2024 18:46

Tgt Ion: 75 Resp: 258041
Ion Ratio Lower Upper
75 100
77 31.5 22.1 41.1





#40

4-Methyl-2-pentanone

Concen: 62.999 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. 0.003 min

Lab File: VV036128.D

Acq: 18 Jun 2024 18:46

Instrument :

MSVOA_V

ClientSampleId :

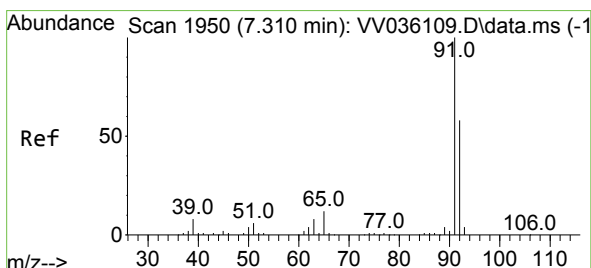
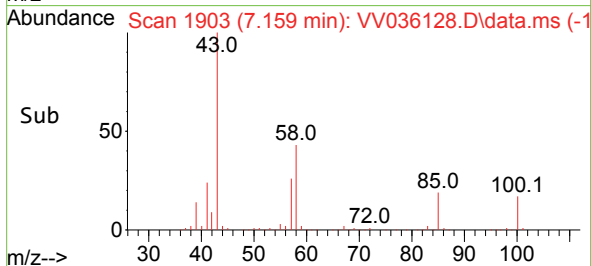
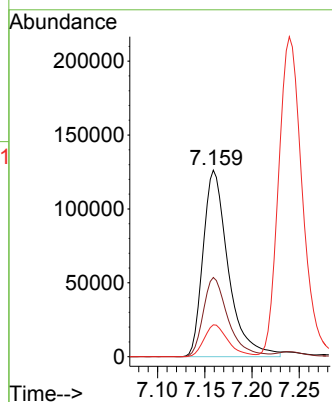
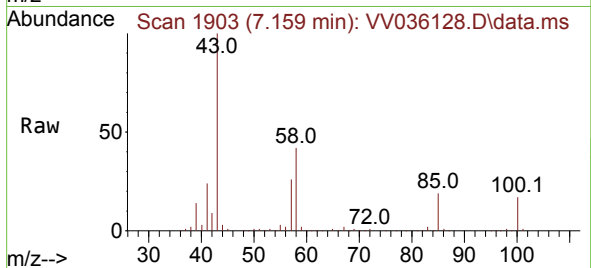
Tgt Ion: 43 Resp: 234144

Ion Ratio Lower Upper

43 100

58 41.9 32.5 48.7

100 16.4 12.5 18.7



#42

Toluene

Concen: 26.230 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. 0.003 min

Lab File: VV036128.D

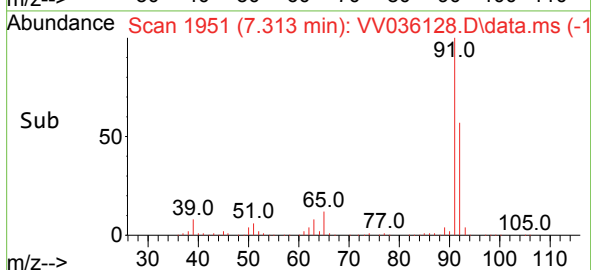
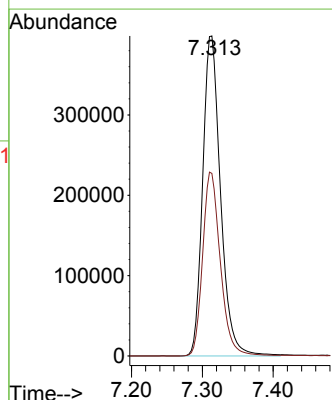
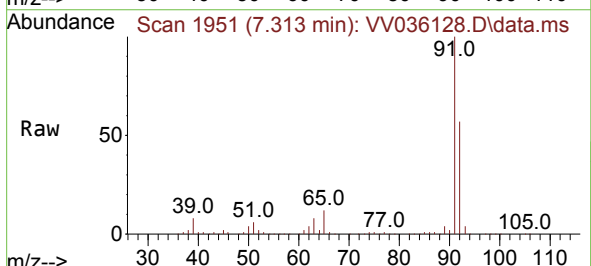
Acq: 18 Jun 2024 18:46

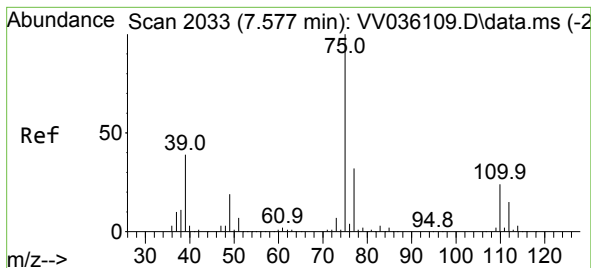
Tgt Ion: 91 Resp: 698265

Ion Ratio Lower Upper

91 100

92 57.1 40.6 75.4





#44

trans-1,3-Dichloropropene

Concen: 26.636 ug/L

RT: 7.580 min Scan# 2033

Delta R.T. 0.003 min

Lab File: VV036128.D

Acq: 18 Jun 2024 18:46

Instrument :

MSVOA_V

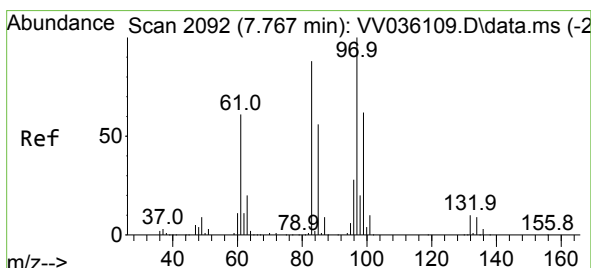
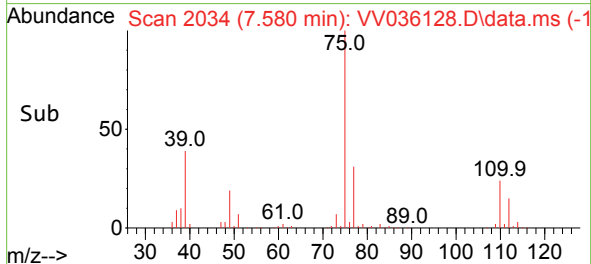
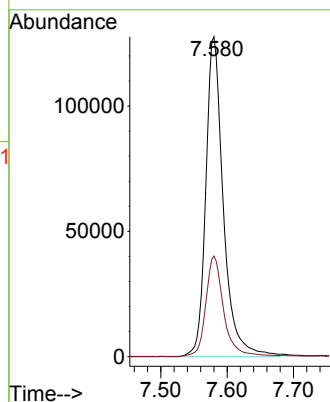
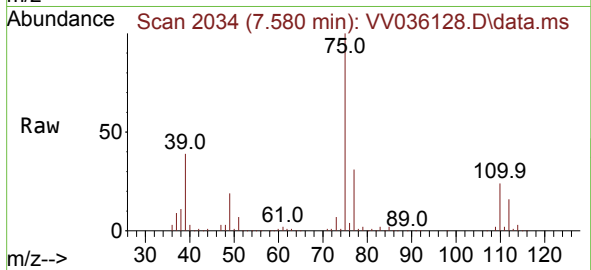
ClientSampleId :

Tgt Ion: 75 Resp: 235397

Ion Ratio Lower Upper

75 100

77 31.4 23.1 42.9



#45

1,1,2-Trichloroethane

Concen: 27.541 ug/L

RT: 7.767 min Scan# 2092

Delta R.T. -0.000 min

Lab File: VV036128.D

Acq: 18 Jun 2024 18:46

Tgt Ion: 97 Resp: 155888

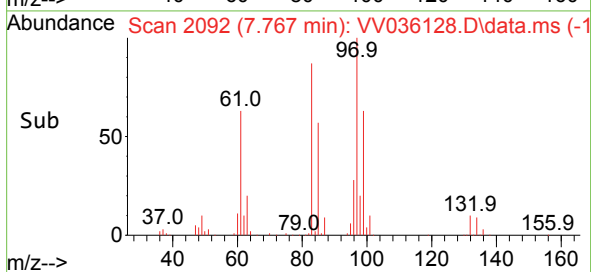
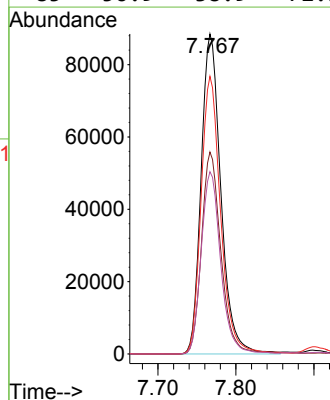
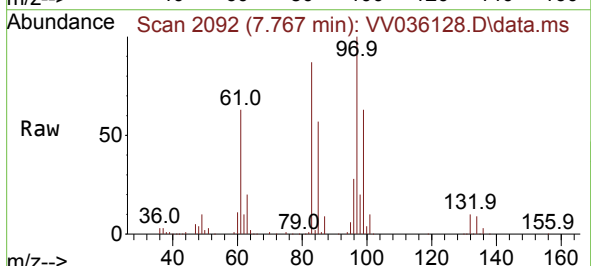
Ion Ratio Lower Upper

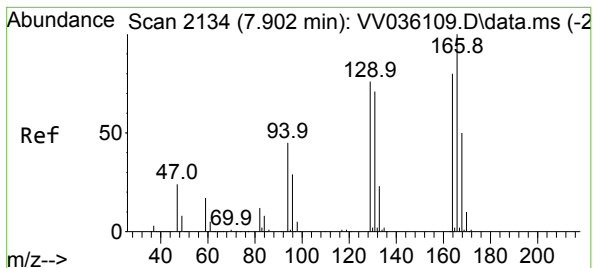
97 100

99 63.1 43.3 80.5

83 86.8 60.1 111.7

85 56.9 38.9 72.3





#46

Tetrachloroethene

Concen: 22.503 ug/L

RT: 7.902 min Scan# 2134

Delta R.T. -0.000 min

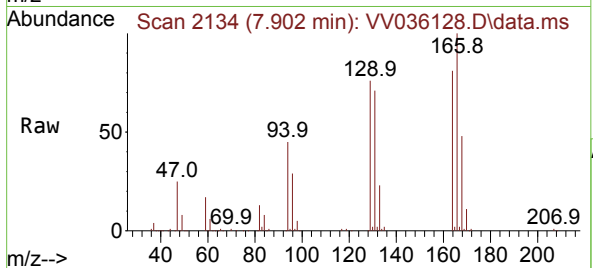
Lab File: VV036128.D

Acq: 18 Jun 2024 18:46

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 131408

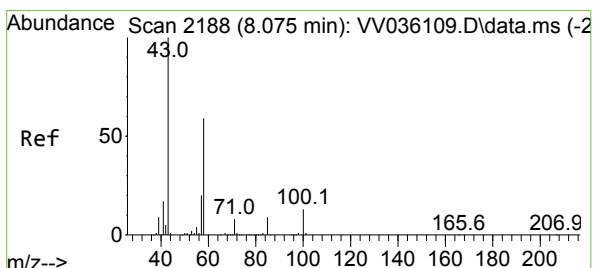
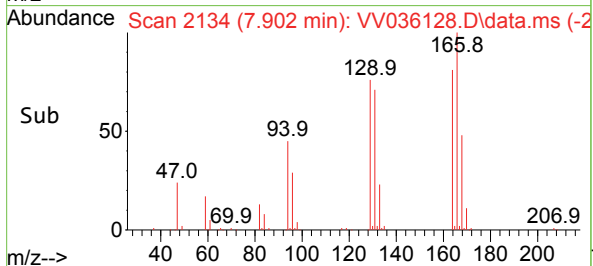
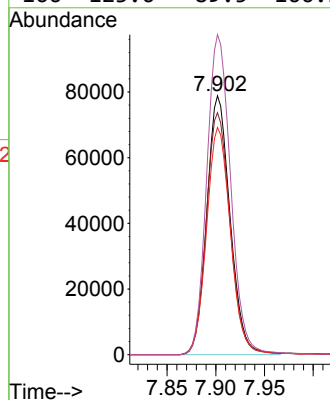
Ion Ratio Lower Upper

164 100

129 93.5 64.6 120.0

131 87.7 63.2 117.4

166 123.6 89.5 166.3



#48

2-Hexanone

Concen: 59.221 ug/L

RT: 8.079 min Scan# 2189

Delta R.T. 0.003 min

Lab File: VV036128.D

Acq: 18 Jun 2024 18:46

Tgt Ion: 43 Resp: 172072

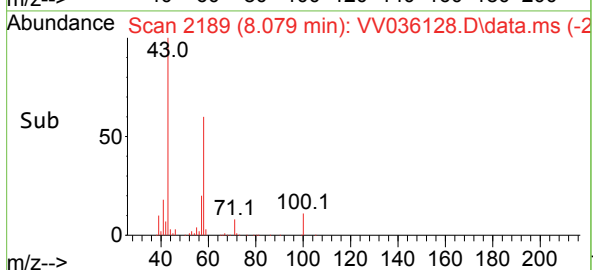
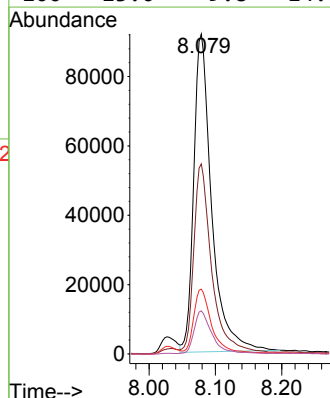
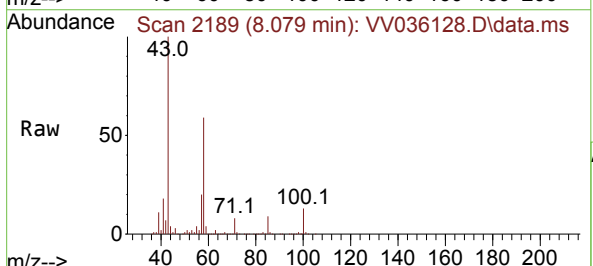
Ion Ratio Lower Upper

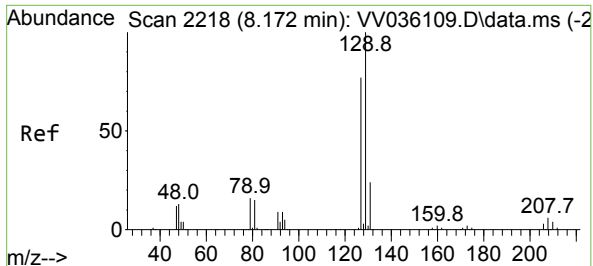
43 100

58 59.0 45.4 68.0

57 19.7 15.8 23.8

100 13.0 9.8 14.8





#49

Dibromochloromethane

Concen: 27.196 ug/L

RT: 8.175 min Scan# 2218

Delta R.T. 0.003 min

Lab File: VV036128.D

Acq: 18 Jun 2024 18:46

Instrument :

MSVOA_V

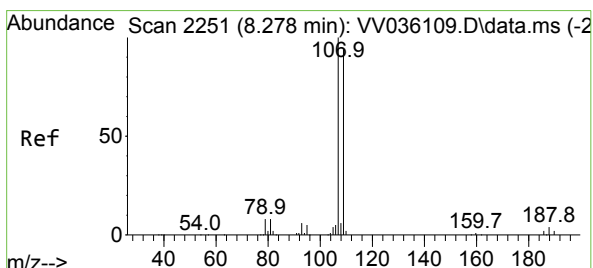
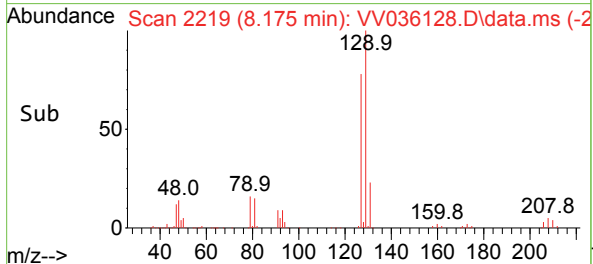
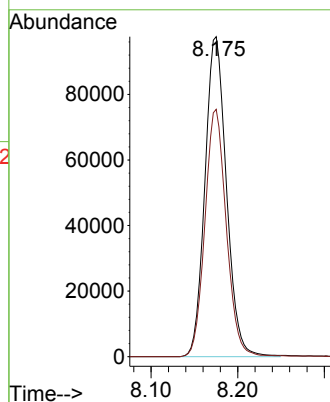
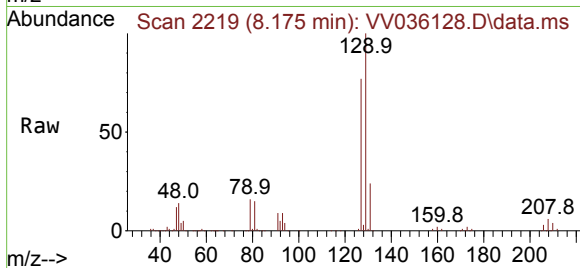
ClientSampleId :

Tgt Ion:129 Resp: 168470

Ion Ratio Lower Upper

129 100

127 77.3 53.9 100.1



#50

1,2-Dibromoethane

Concen: 28.398 ug/L

RT: 8.281 min Scan# 2252

Delta R.T. 0.003 min

Lab File: VV036128.D

Acq: 18 Jun 2024 18:46

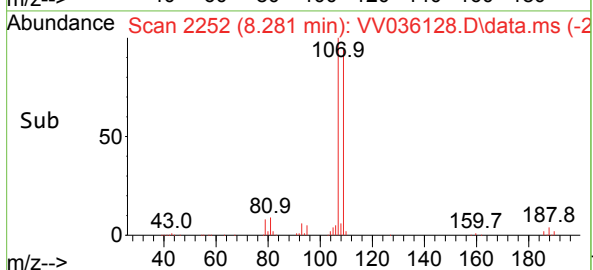
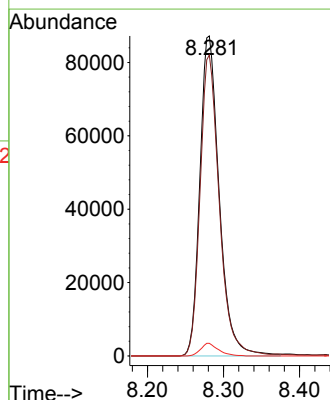
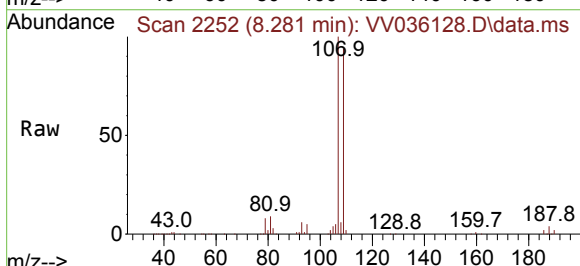
Tgt Ion:107 Resp: 154232

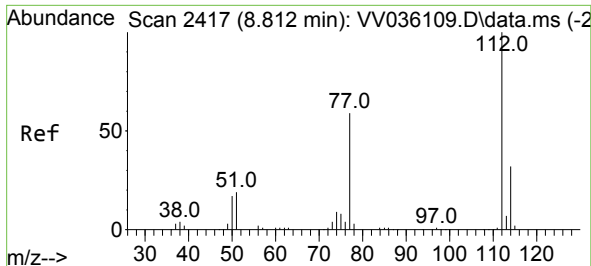
Ion Ratio Lower Upper

107 100

109 94.0 66.1 122.7

188 4.1 3.0 4.6

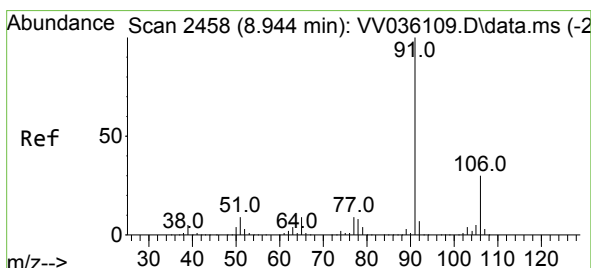
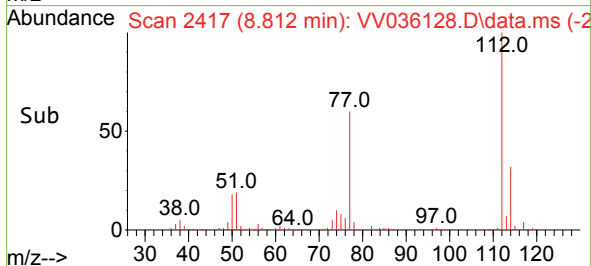
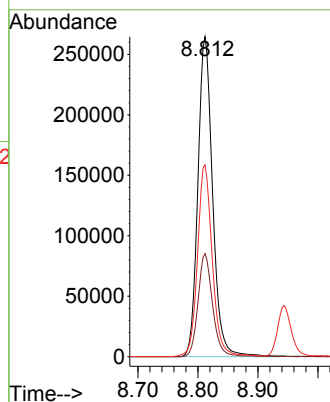
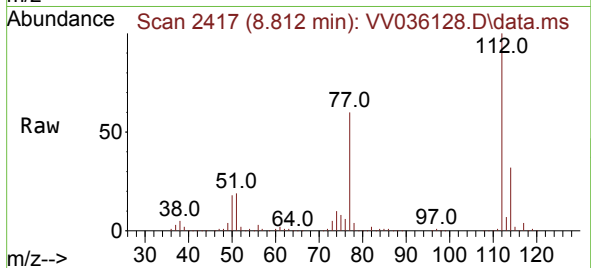




#51
Chlorobenzene
Concen: 24.989 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. -0.000 min
Lab File: VV036128.D
Acq: 18 Jun 2024 18:46

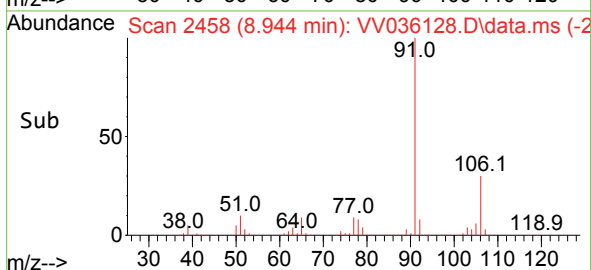
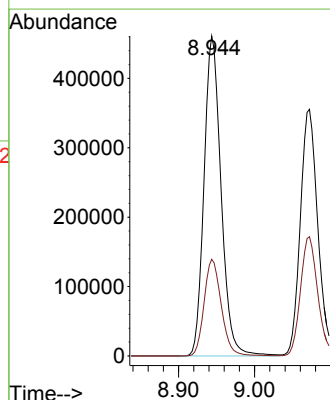
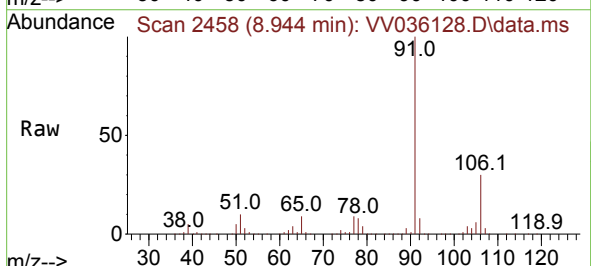
Instrument :
MSVOA_V
ClientSampleId :

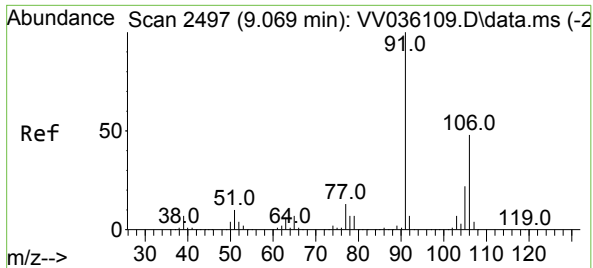
Tgt Ion:112 Resp: 453248
Ion Ratio Lower Upper
112 100
114 32.2 22.3 41.5
77 60.0 47.3 70.9



#52
Ethylbenzene
Concen: 25.232 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. -0.000 min
Lab File: VV036128.D
Acq: 18 Jun 2024 18:46

Tgt Ion: 91 Resp: 718655
Ion Ratio Lower Upper
91 100
106 30.2 21.6 40.0

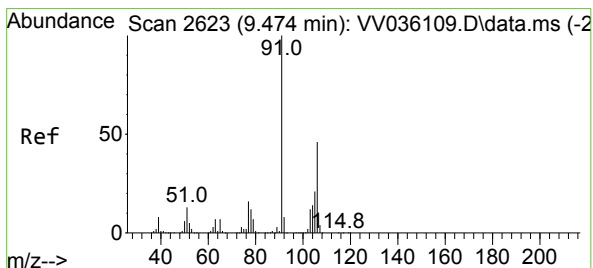
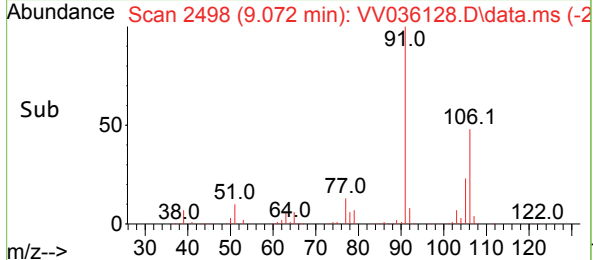
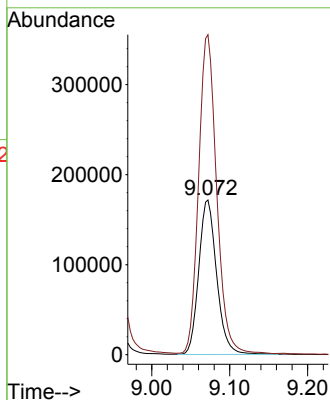
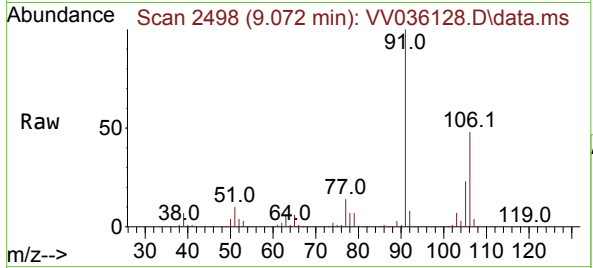




#53
m,p-Xylene
Concen: 25.610 ug/L
RT: 9.072 min Scan# 2497
Delta R.T. 0.003 min
Lab File: VV036128.D
Acq: 18 Jun 2024 18:46

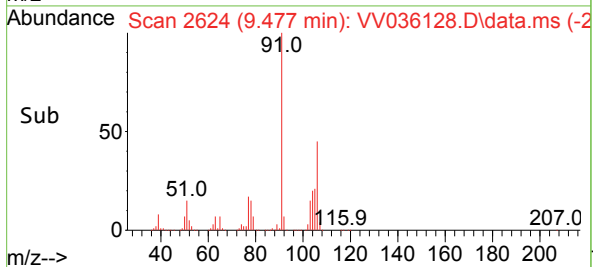
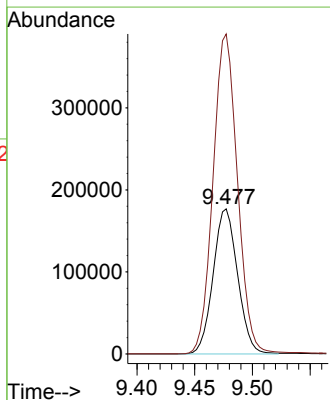
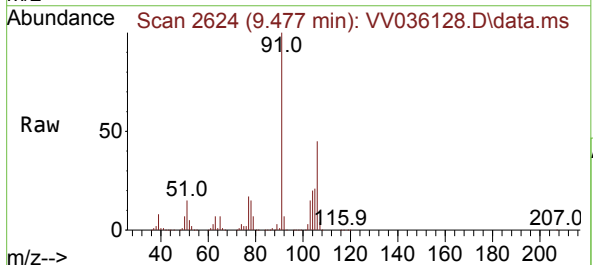
Instrument :
MSVOA_V
ClientSampleId :

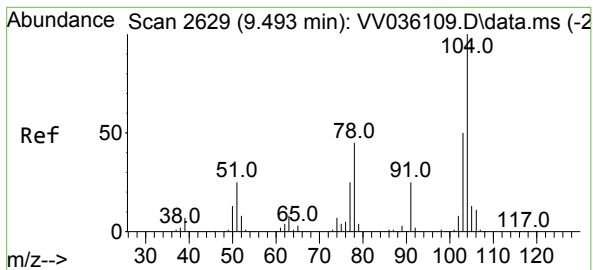
Tgt Ion:106 Resp: 274077
Ion Ratio Lower Upper
106 100
91 206.9 143.1 265.9



#54
o-Xylene
Concen: 25.829 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. 0.003 min
Lab File: VV036128.D
Acq: 18 Jun 2024 18:46

Tgt Ion:106 Resp: 260667
Ion Ratio Lower Upper
106 100
91 220.4 154.5 286.9





#55

Styrene

Concen: 27.799 ug/L

RT: 9.493 min Scan# 2

Delta R.T. -0.000 min

Lab File: VV036128.D

Acq: 18 Jun 2024 18:46

Instrument :

MSVOA_V

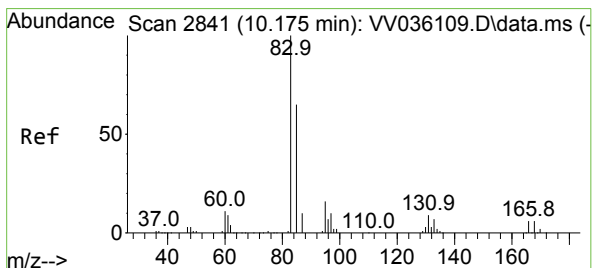
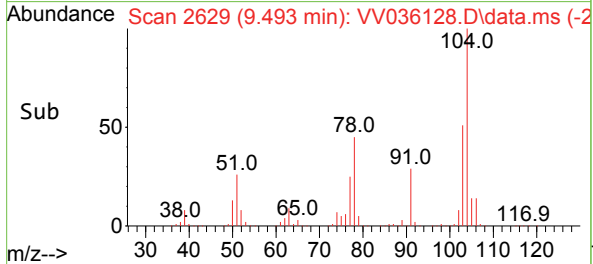
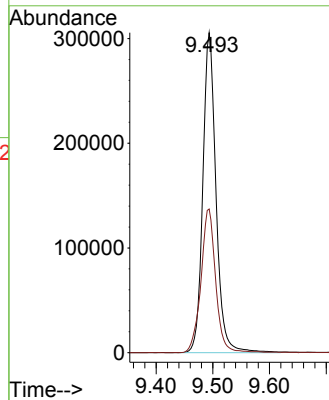
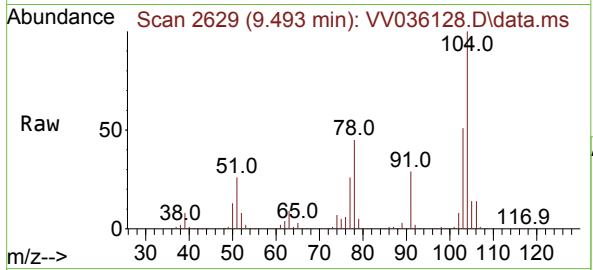
ClientSampleId :

Tgt Ion:104 Resp: 494736

Ion Ratio Lower Upper

104 100

78 44.9 31.4 58.2



#57

1,1,2,2-Tetrachloroethane

Concen: 27.411 ug/L

RT: 10.175 min Scan# 2841

Delta R.T. -0.000 min

Lab File: VV036128.D

Acq: 18 Jun 2024 18:46

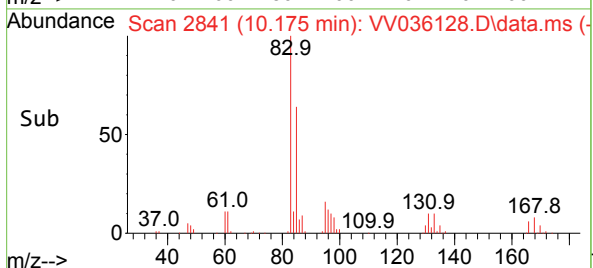
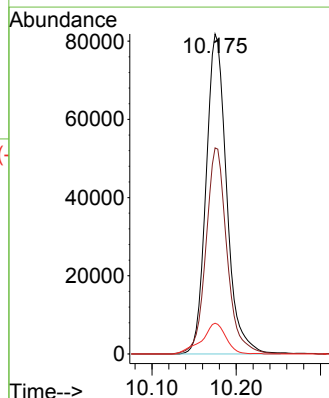
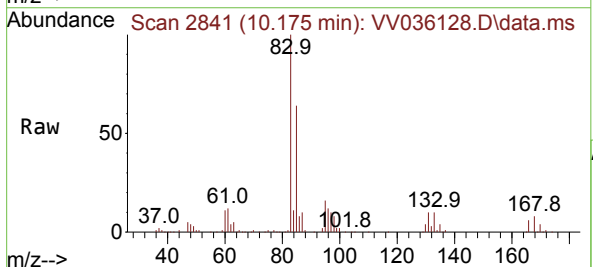
Tgt Ion: 83 Resp: 138922

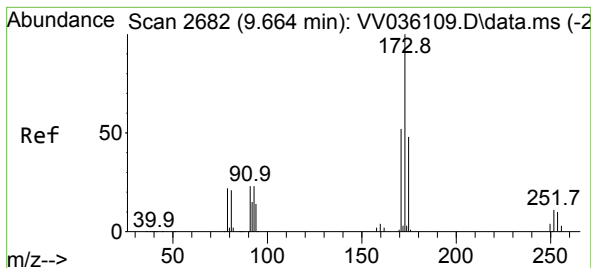
Ion Ratio Lower Upper

83 100

85 64.4 45.1 83.7

131 9.6 7.6 11.4





#59

Bromoform

Concen: 28.122 ug/L

RT: 9.664 min Scan# 2

Delta R.T. -0.000 min

Lab File: VV036128.D

Acq: 18 Jun 2024 18:46

Instrument :

MSVOA_V

ClientSampleId :

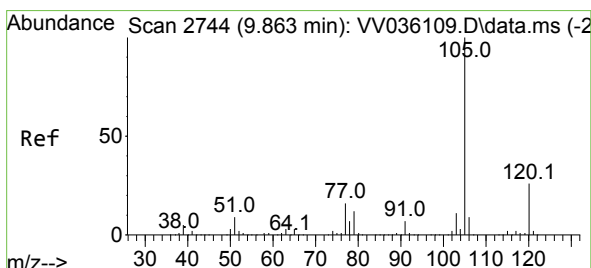
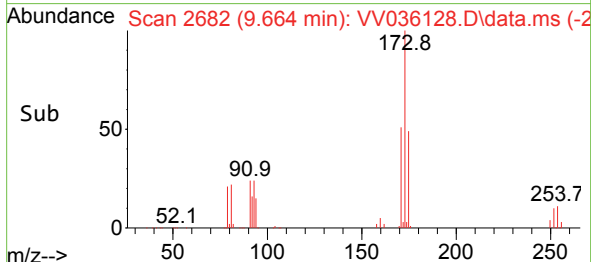
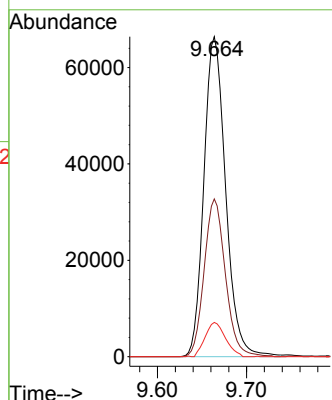
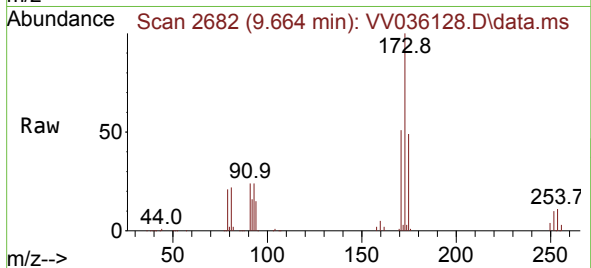
Tgt Ion:173 Resp: 112831

Ion Ratio Lower Upper

173 100

175 48.0 39.0 58.6

254 10.0 8.6 13.0



#60

Isopropylbenzene

Concen: 24.709 ug/L

RT: 9.866 min Scan# 2745

Delta R.T. 0.003 min

Lab File: VV036128.D

Acq: 18 Jun 2024 18:46

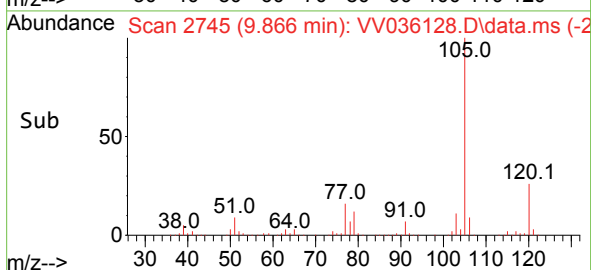
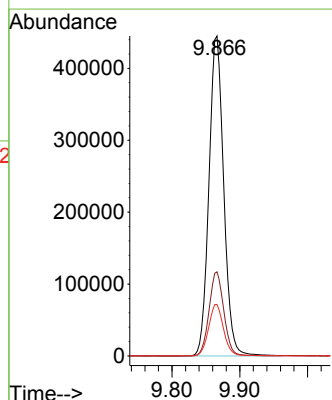
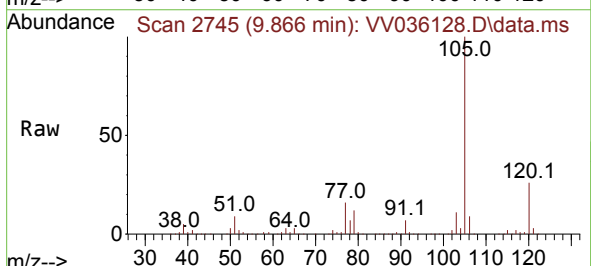
Tgt Ion:105 Resp: 674423

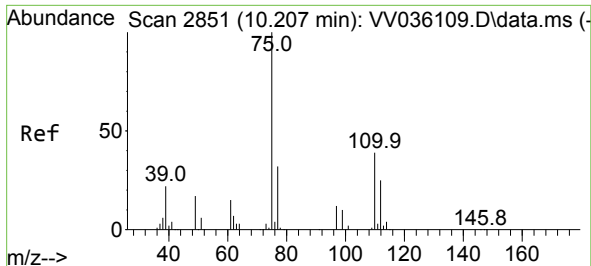
Ion Ratio Lower Upper

105 100

120 26.3 21.0 31.6

77 16.1 12.6 18.8

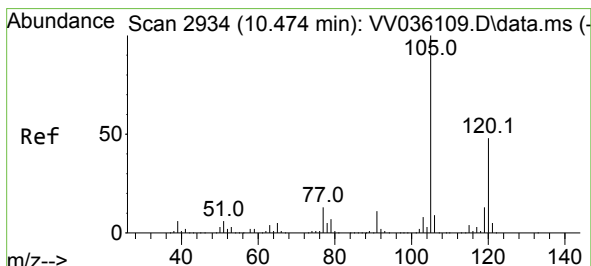
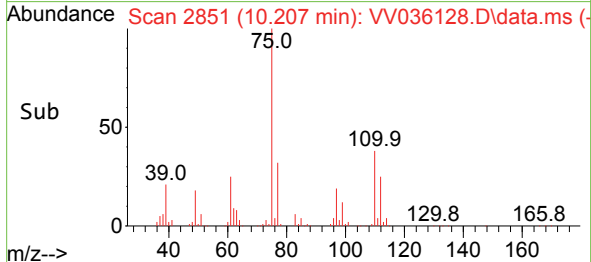
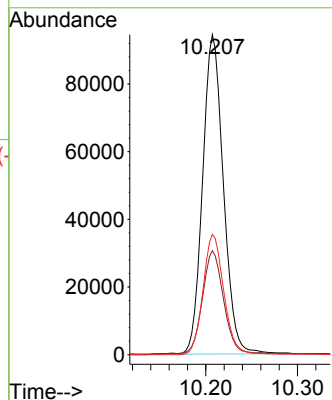
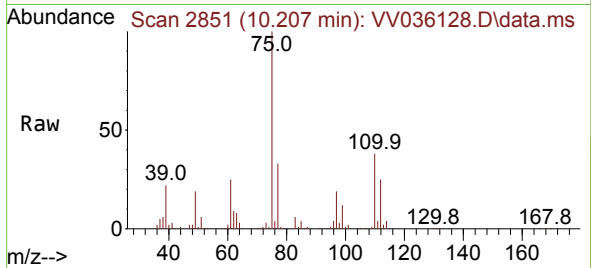




#61
 1,2,3-Trichloropropane
 Concen: 29.480 ug/L
 RT: 10.207 min Scan# 2851
 Delta R.T. -0.000 min
 Lab File: VV036128.D
 Acq: 18 Jun 2024 18:46

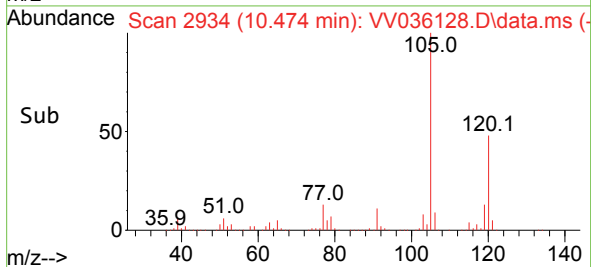
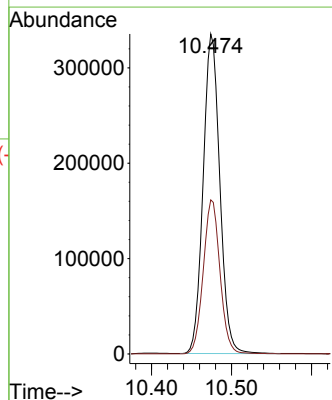
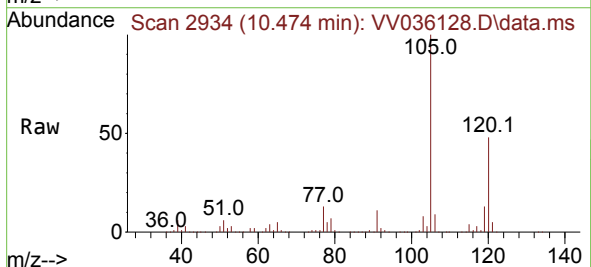
Instrument :
 MSVOA_V
 ClientSampleId :

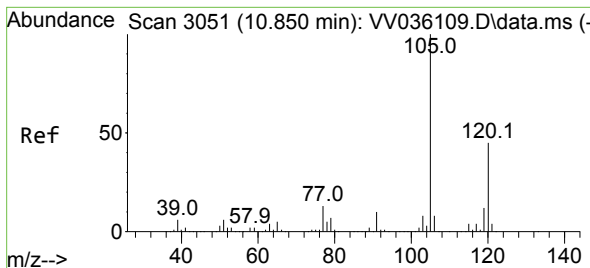
Tgt Ion: 75 Resp: 148332
 Ion Ratio Lower Upper
 75 100
 77 32.0 26.0 39.0
 110 37.8 32.2 48.4



#62
 1,3,5-Trimethylbenzene
 Concen: 24.612 ug/L
 RT: 10.474 min Scan# 2934
 Delta R.T. -0.000 min
 Lab File: VV036128.D
 Acq: 18 Jun 2024 18:46

Tgt Ion: 105 Resp: 487124
 Ion Ratio Lower Upper
 105 100
 120 48.5 38.6 58.0





#63

1,2,4-Trimethylbenzene

Concen: 25.844 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. -0.000 min

Lab File: VV036128.D

Acq: 18 Jun 2024 18:46

Instrument :

MSVOA_V

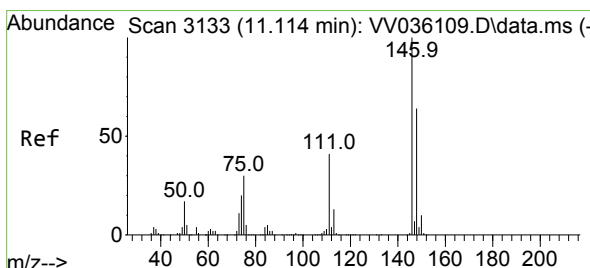
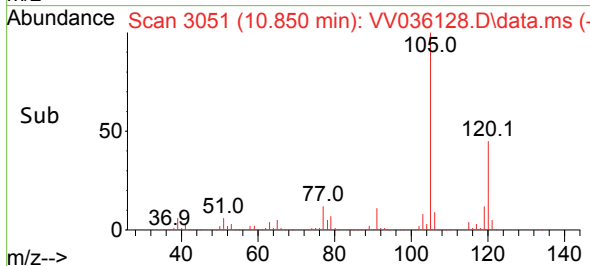
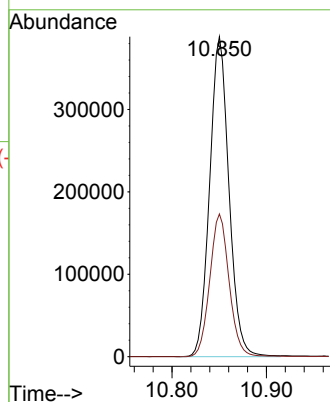
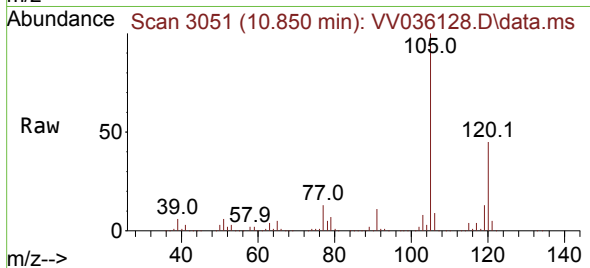
ClientSampleId :

Tgt Ion:105 Resp: 551111

Ion Ratio Lower Upper

105 100

120 44.6 36.2 54.4



#64

1,3-Dichlorobenzene

Concen: 24.347 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. -0.000 min

Lab File: VV036128.D

Acq: 18 Jun 2024 18:46

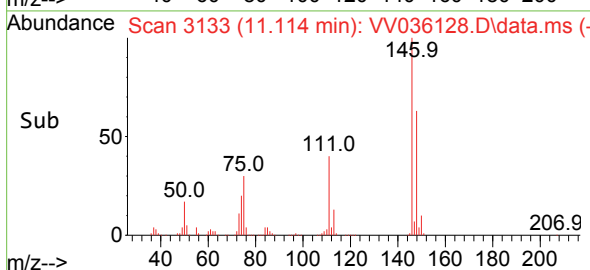
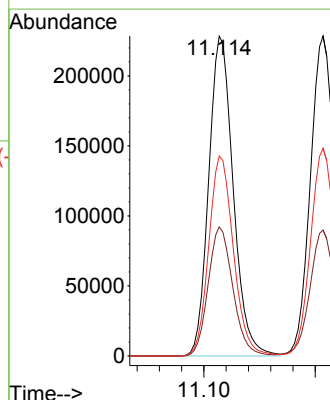
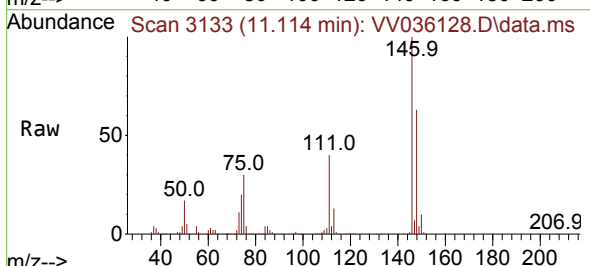
Tgt Ion:146 Resp: 348986

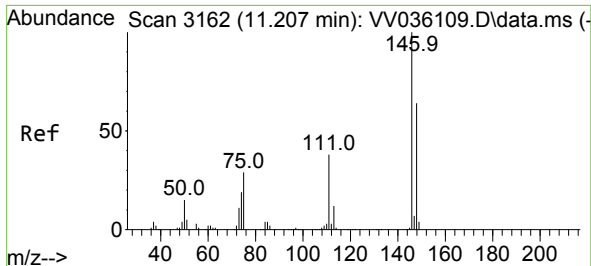
Ion Ratio Lower Upper

146 100

111 40.4 28.1 52.1

148 62.5 44.7 83.1

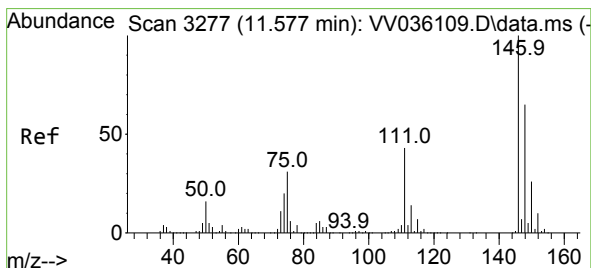
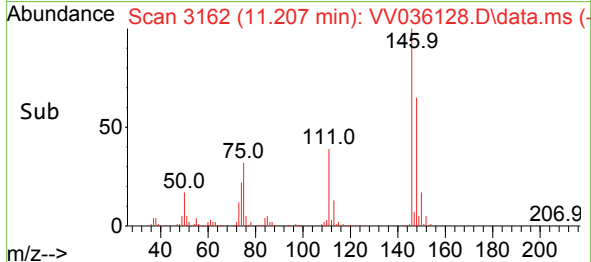
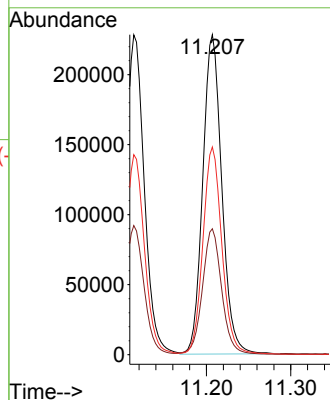
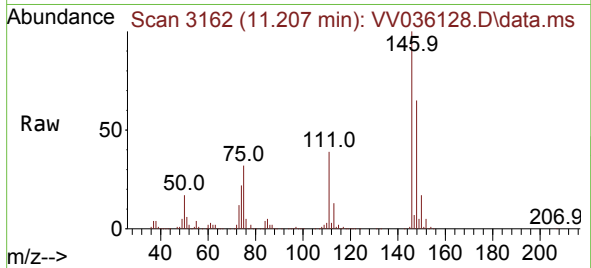




#65
1,4-Dichlorobenzene
Concen: 24.267 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. -0.000 min
Lab File: VV036128.D
Acq: 18 Jun 2024 18:46

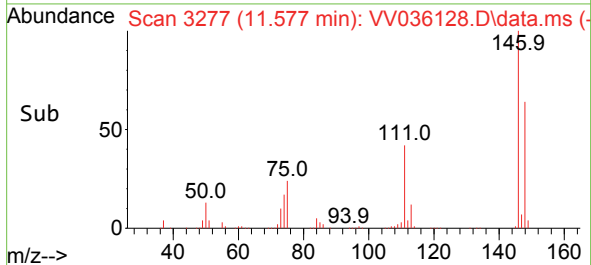
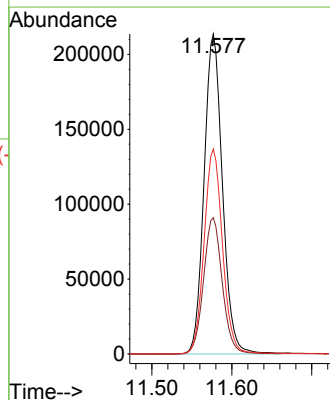
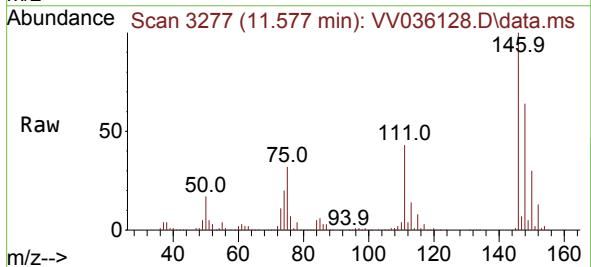
Instrument :
MSVOA_V
ClientSampleId :

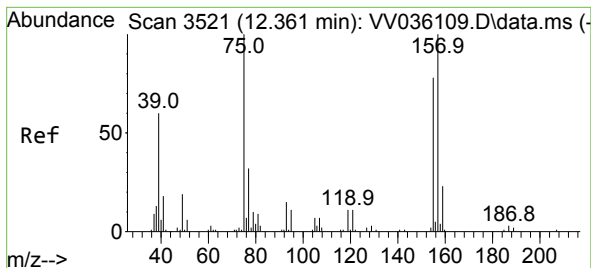
Tgt Ion:146 Resp: 359031
Ion Ratio Lower Upper
146 100
111 39.4 26.9 50.1
148 64.9 44.5 82.7



#67
1,2-Dichlorobenzene
Concen: 25.338 ug/L
RT: 11.577 min Scan# 3277
Delta R.T. -0.000 min
Lab File: VV036128.D
Acq: 18 Jun 2024 18:46

Tgt Ion:146 Resp: 341778
Ion Ratio Lower Upper
146 100
111 42.6 33.5 50.3
148 64.1 50.9 76.3

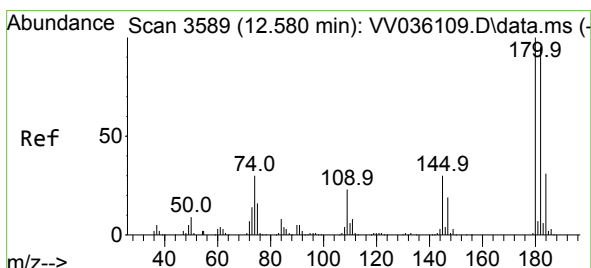
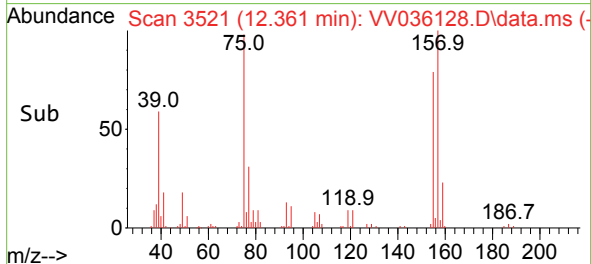
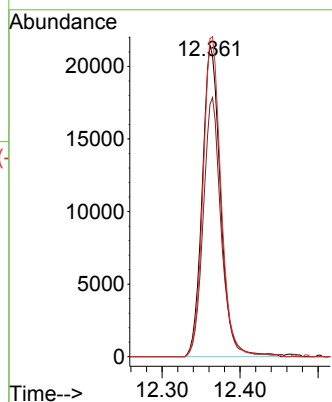
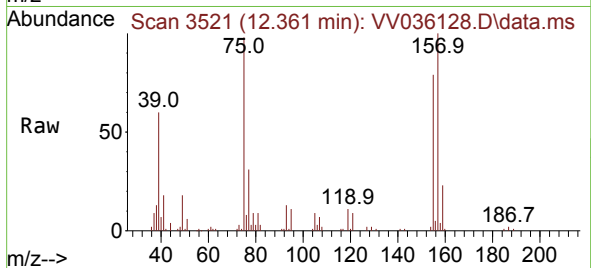




#68
1,2-Dibromo-3-chloropropane
Concen: 31.135 ug/L
RT: 12.361 min Scan# 3521
Delta R.T. -0.000 min
Lab File: VV036128.D
Acq: 18 Jun 2024 18:46

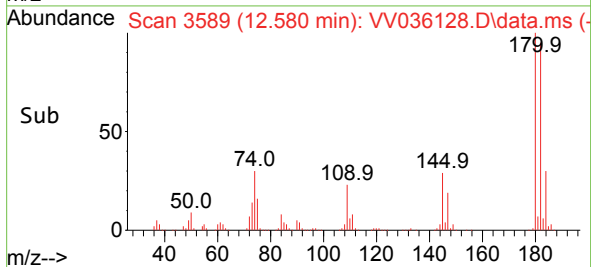
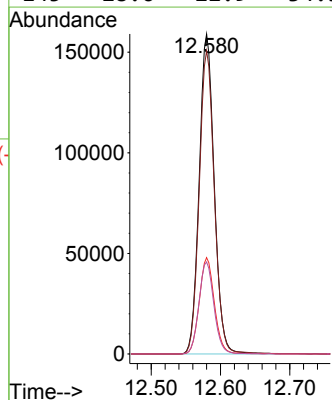
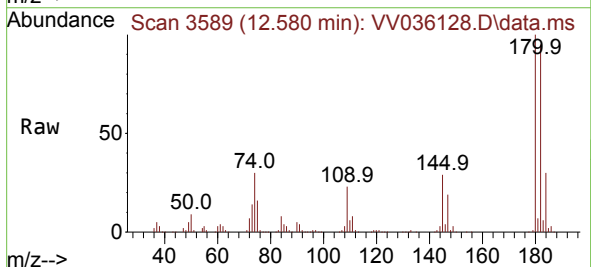
Instrument :
MSVOA_V
ClientSampleId :

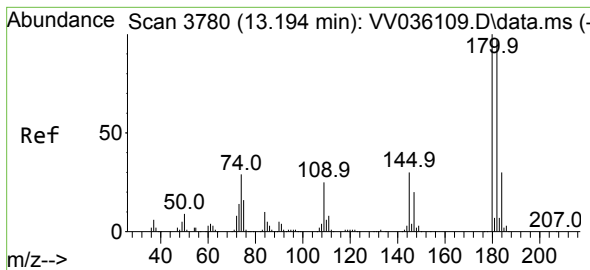
Tgt Ion: 75 Resp: 35032
Ion Ratio Lower Upper
75 100
155 81.0 63.3 94.9
157 102.2 82.4 123.6



#69
1,3,5-Trichlorobenzene
Concen: 22.443 ug/L
RT: 12.580 min Scan# 3589
Delta R.T. -0.000 min
Lab File: VV036128.D
Acq: 18 Jun 2024 18:46

Tgt Ion:180 Resp: 240635
Ion Ratio Lower Upper
180 100
182 95.1 76.2 114.4
184 30.2 24.2 36.2
145 28.6 22.9 34.3





#70

1,2,4-trichlorobenzene

Concen: 23.390 ug/L

RT: 13.197 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV036128.D

Acq: 18 Jun 2024 18:46

Instrument :

MSVOA_V

ClientSampleId :

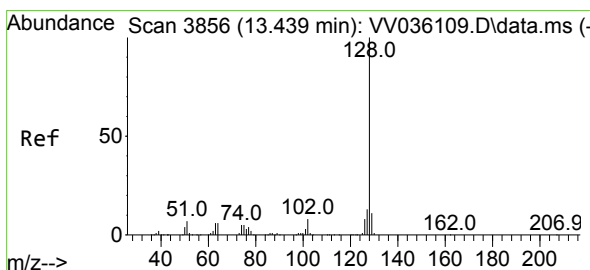
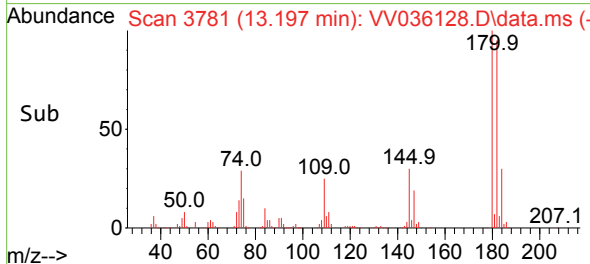
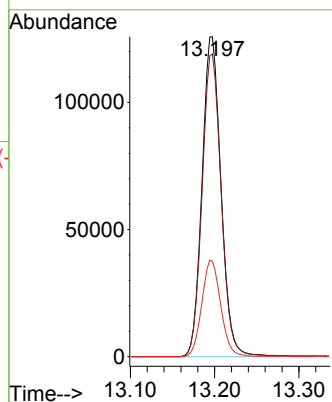
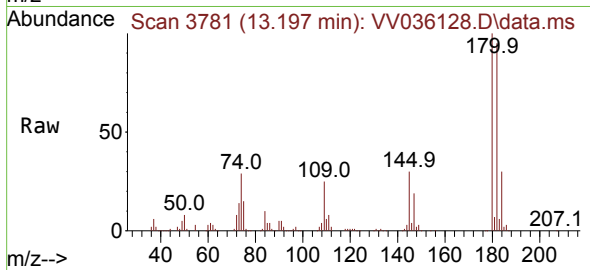
Tgt Ion:180 Resp: 197462

Ion Ratio Lower Upper

180 100

182 95.3 76.1 114.1

145 30.1 23.5 35.3



#71

Naphthalene

Concen: 31.414 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. -0.003 min

Lab File: VV036128.D

Acq: 18 Jun 2024 18:46

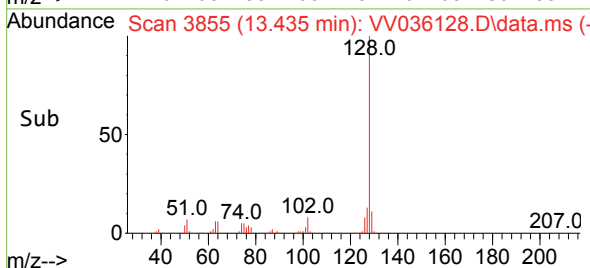
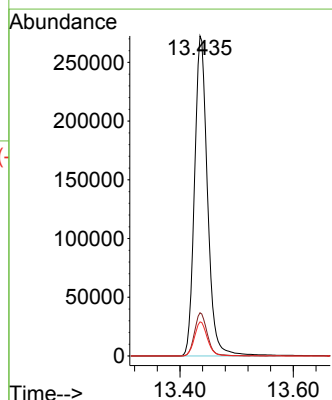
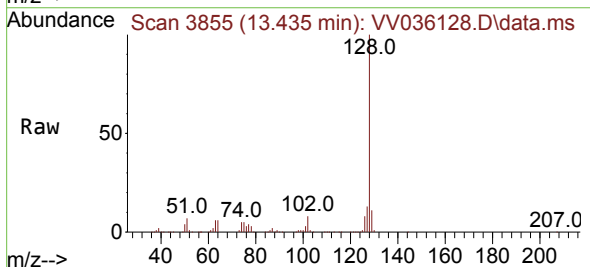
Tgt Ion:128 Resp: 432807

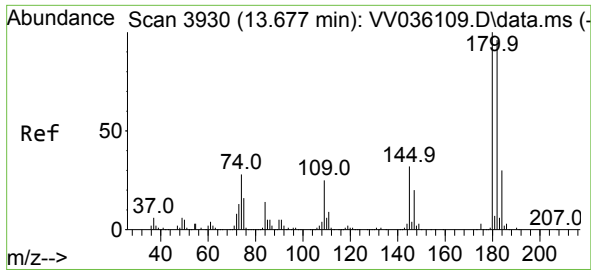
Ion Ratio Lower Upper

128 100

127 13.3 10.6 16.0

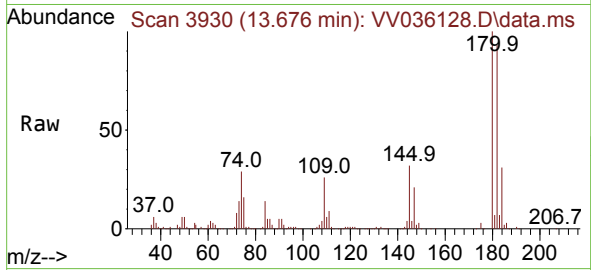
129 10.6 8.8 13.2





#72
 1,2,3-Trichlorobenzene
 Concen: 26.555 ug/L
 RT: 13.676 min Scan# 3930
 Delta R.T. -0.000 min
 Lab File: VV036128.D
 Acq: 18 Jun 2024 18:46

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	180	Resp:	204575
Ion Ratio	Lower	Upper	
180	100		
182	94.0	75.1	112.7
145	31.5	25.2	37.8

